

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040323\  
 Data File : BN024746.D  
 Acq On : 04 Apr 2023 02:29  
 Operator : CG/JU  
 Sample : 02101-04MSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWCB-05-85-90-032423MSD

Quant Time: Apr 04 03:59:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN040323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 04 03:11:39 2023  
 Response via : Initial Calibration

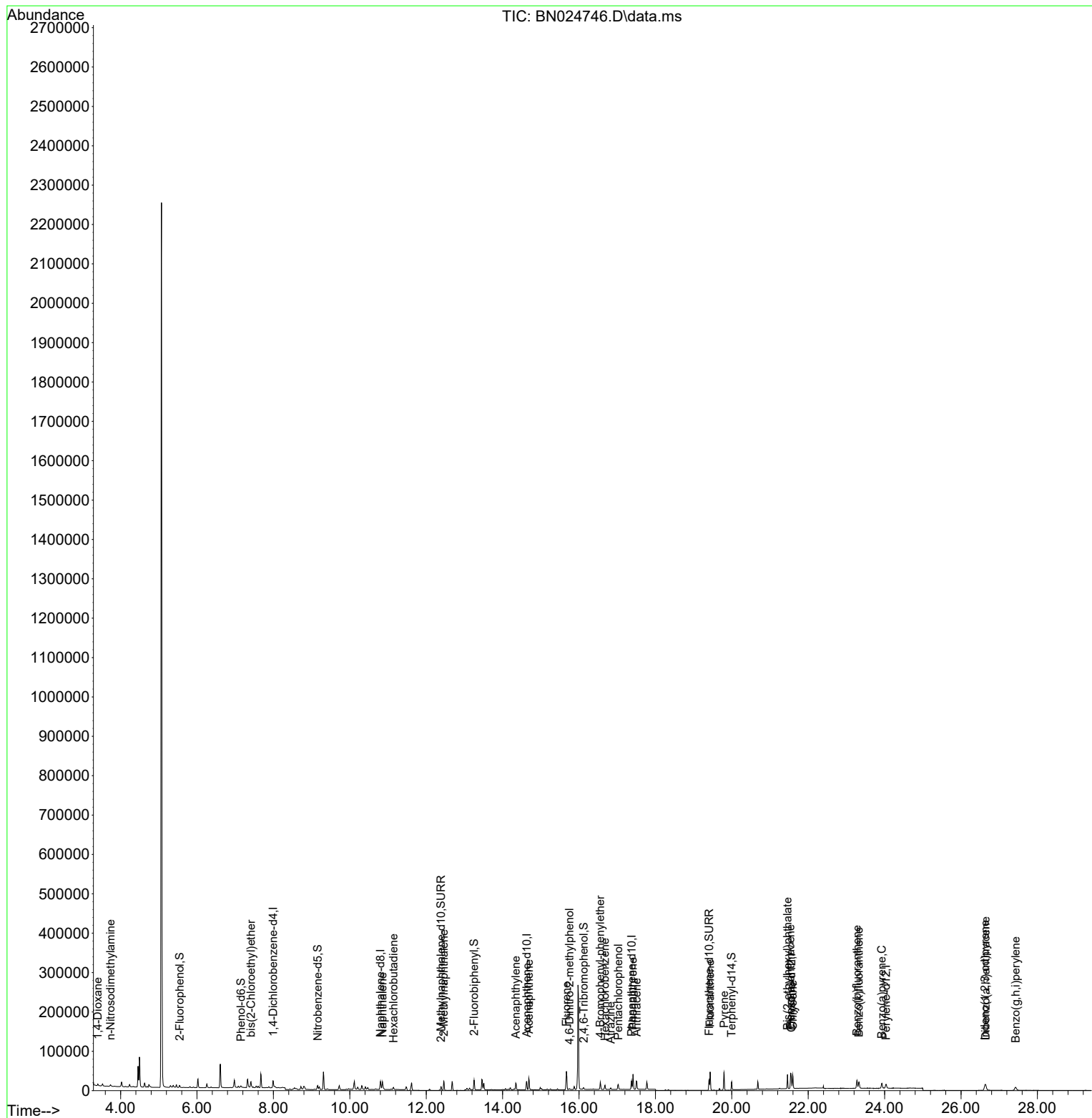
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.997  | 152  | 8934     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.802 | 136  | 25521    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.633 | 164  | 13140    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.376 | 188  | 27951    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.556 | 240  | 20847    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.035 | 264  | 16358    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.548  | 112  | 4070     | 0.200 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.152  | 99   | 3477     | 0.136 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.158  | 82   | 7336     | 0.368 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.388 | 152  | 12659    | 0.387 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.122 | 330  | 2508     | 0.443 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.253 | 172  | 19775    | 0.386 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.404 | 212  | 27596    | 0.466 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.994 | 244  | 29619    | 0.492 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.403  | 88   | 2247     | 0.244 | ng    | # 69     |
| 3) n-Nitrosodimethylamine     | 3.735  | 42   | 3015     | 0.195 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.412  | 93   | 9572     | 0.381 | ng    | 98       |
| 9) Naphthalene                | 10.855 | 128  | 25073    | 0.380 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.144 | 225  | 4556     | 0.347 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.459 | 142  | 16246    | 0.367 | ng    | 99       |
| 16) Acenaphthylene            | 14.344 | 152  | 20207    | 0.369 | ng    | 99       |
| 17) Acenaphthene              | 14.686 | 154  | 14722    | 0.387 | ng    | 99       |
| 18) Fluorene                  | 15.670 | 166  | 20990    | 0.403 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.750 | 198  | 1158     | 0.546 | ng    | # 72     |
| 21) 4-Bromophenyl-phenylether | 16.556 | 248  | 6594     | 0.394 | ng    | # 70     |
| 22) Hexachlorobenzene         | 16.680 | 284  | 7787     | 0.395 | ng    | 98       |
| 23) Atrazine                  | 16.829 | 200  | 2633     | 0.258 | ng    | 97       |
| 24) Pentachlorophenol         | 17.028 | 266  | 6633     | 0.953 | ng    | 99       |
| 25) Phenanthrene              | 17.413 | 178  | 37352    | 0.463 | ng    | 100      |
| 26) Anthracene                | 17.512 | 178  | 27539    | 0.394 | ng    | 99       |
| 28) Fluoranthene              | 19.433 | 202  | 40455    | 0.471 | ng    | 98       |
| 30) Pyrene                    | 19.796 | 202  | 40420    | 0.461 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.538 | 228  | 30054    | 0.450 | ng    | 100      |
| 33) Chrysene                  | 21.592 | 228  | 31883    | 0.432 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.458 | 149  | 30148    | 1.007 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.626 | 276  | 22013    | 0.355 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.275 | 252  | 26898    | 0.405 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.328 | 252  | 25249    | 0.381 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.927 | 252  | 18872    | 0.334 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 26.643 | 278  | 17293    | 0.354 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.427 | 276  | 18871    | 0.330 | ng    | 99       |

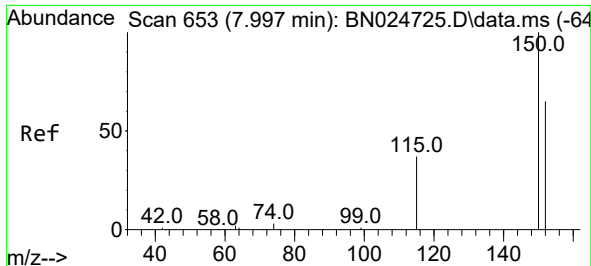
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040323\  
Data File : BN024746.D  
Acq On : 04 Apr 2023 02:29  
Operator : CG/JU  
Sample : 02101-04MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

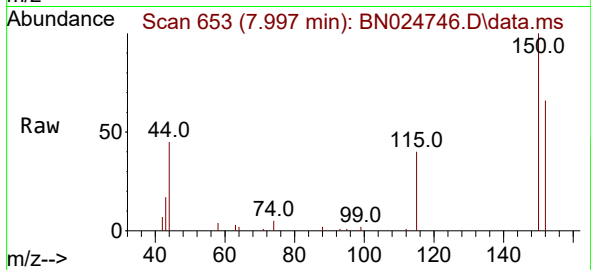
Quant Time: Apr 04 03:59:49 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN040323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 04 03:11:39 2023  
Response via : Initial Calibration





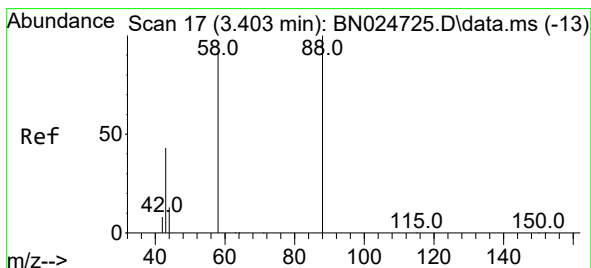
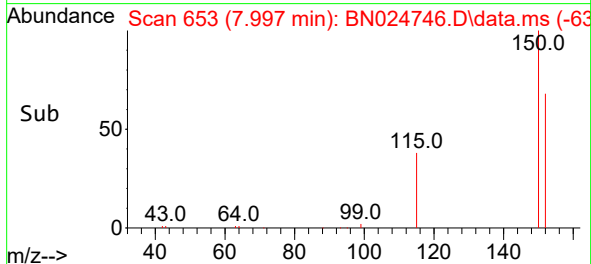
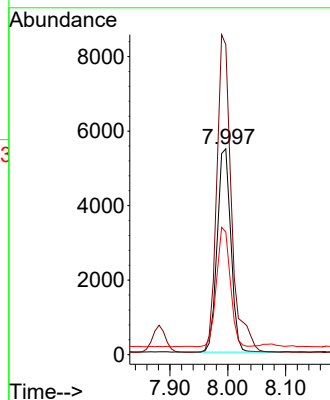
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.997 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024746.D  
 Acq: 04 Apr 2023 02:29

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWCB-05-85-90-032423MSD



Tgt Ion:152 Resp: 8934

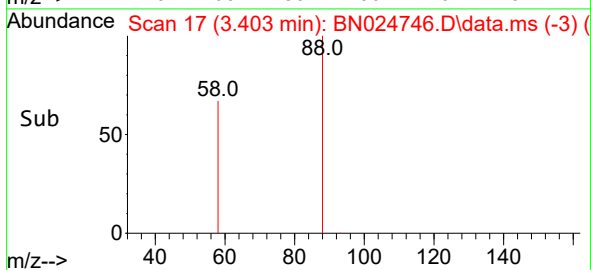
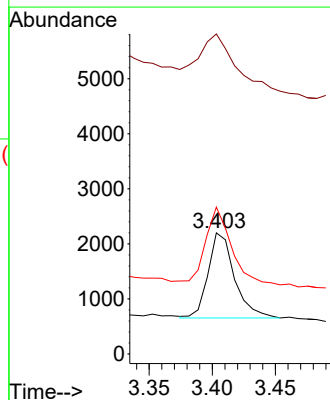
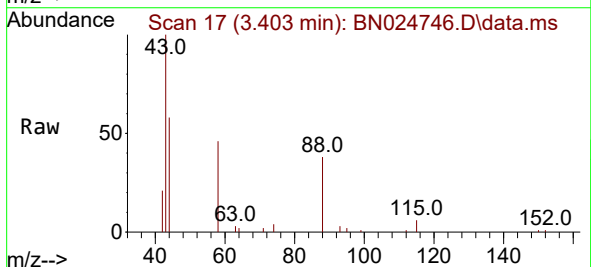
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 150.6 | 123.0 | 184.4 |
| 115 | 59.6  | 48.7  | 73.1  |

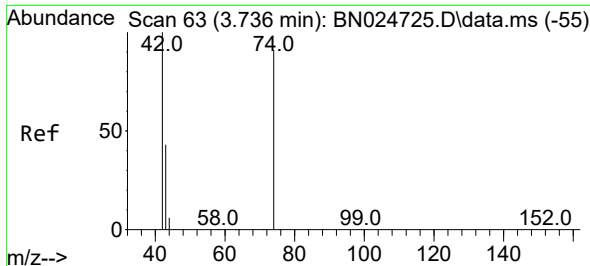


#2  
 1,4-Dioxane  
 Concen: 0.244 ng  
 RT: 3.403 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: BN024746.D  
 Acq: 04 Apr 2023 02:29

Tgt Ion: 88 Resp: 2247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 103.4 | 32.8  | 49.2# |
| 58  | 91.1  | 73.0  | 109.6 |

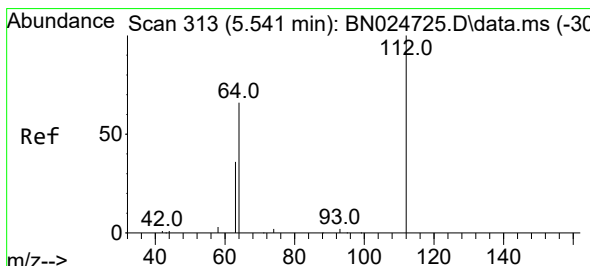
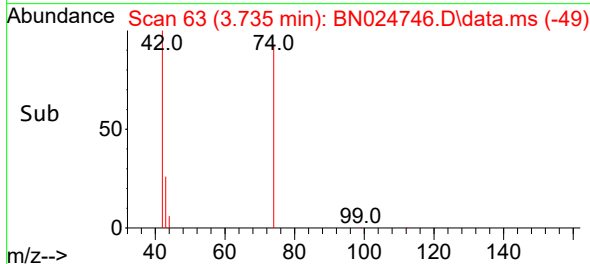
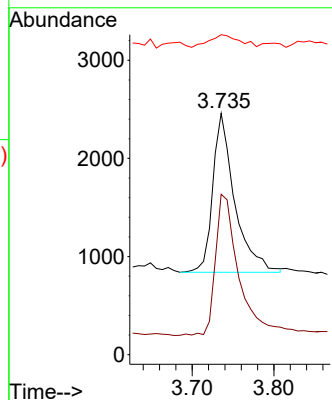
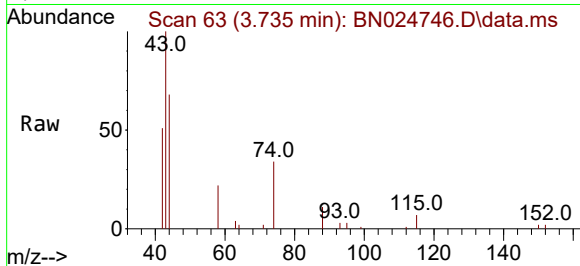




#3  
 n-Nitrosodimethylamine  
 Concen: 0.195 ng  
 RT: 3.735 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024746.D  
 Acq: 04 Apr 2023 02:29

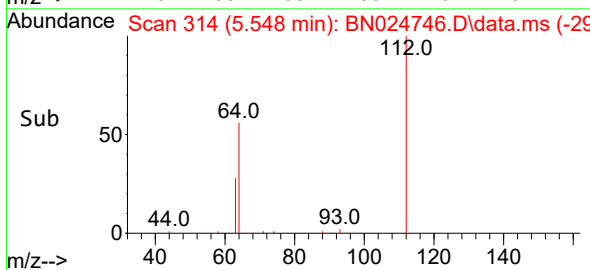
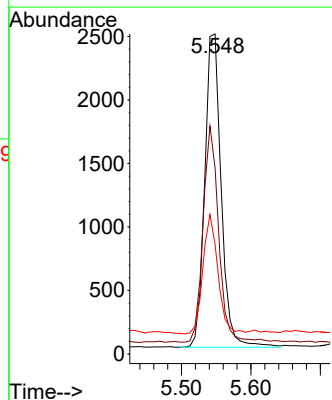
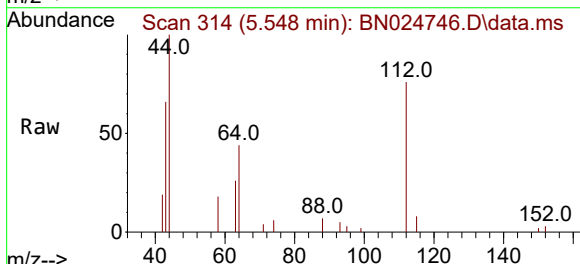
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWCB-05-85-90-032423MSD

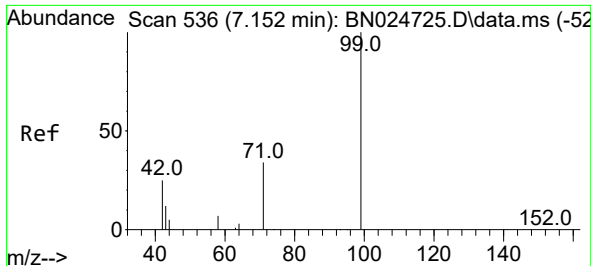
Tgt Ion: 42 Resp: 3015  
 Ion Ratio Lower Upper  
 42 100  
 74 94.0 73.9 110.9  
 44 10.6 7.6 11.4



#4  
 2-Fluorophenol  
 Concen: 0.200 ng  
 RT: 5.548 min Scan# 314  
 Delta R.T. 0.007 min  
 Lab File: BN024746.D  
 Acq: 04 Apr 2023 02:29

Tgt Ion: 112 Resp: 4070  
 Ion Ratio Lower Upper  
 112 100  
 64 65.3 52.1 78.1  
 63 34.8 28.7 43.1

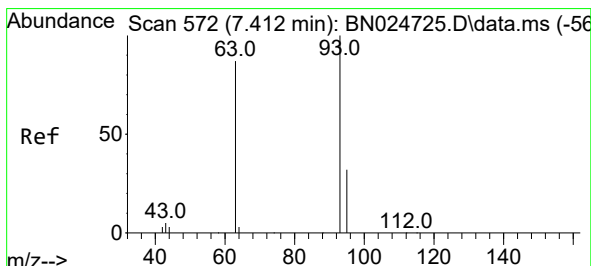
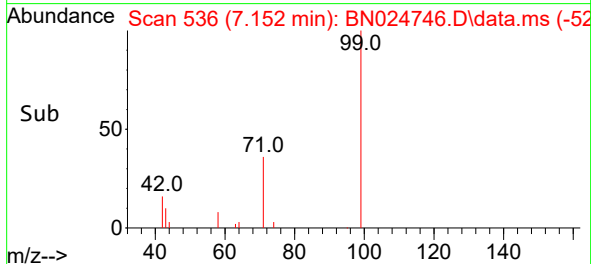
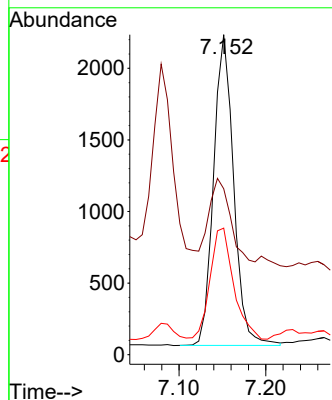
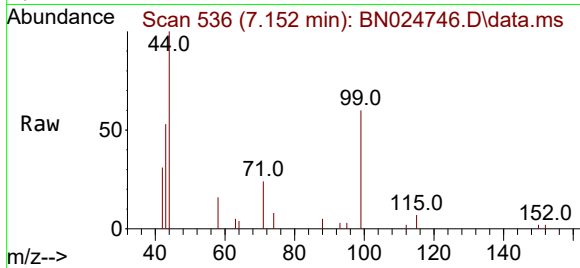




#5  
Phenol-d6  
Concen: 0.136 ng  
RT: 7.152 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

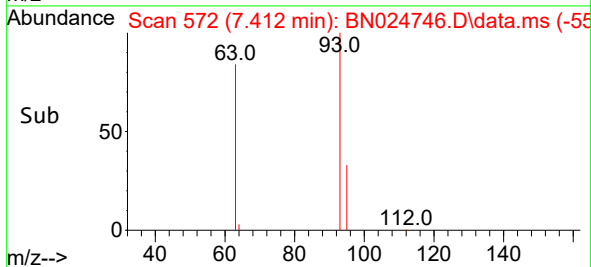
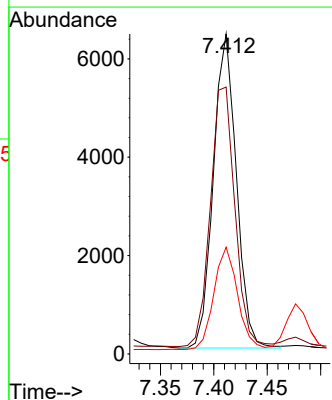
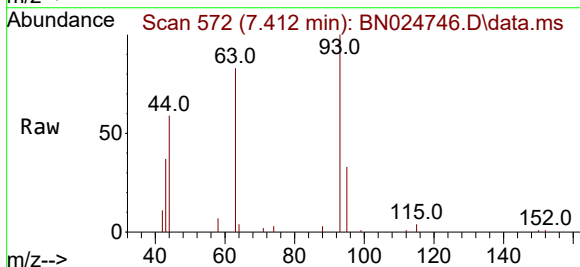
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

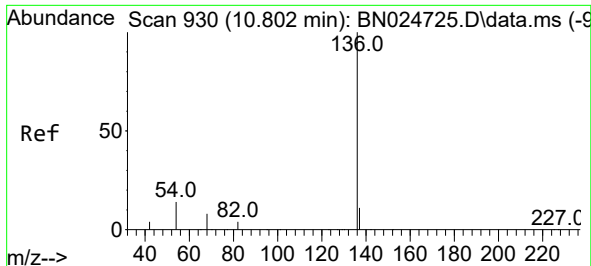
Tgt Ion: 99 Resp: 3477  
Ion Ratio Lower Upper  
99 100  
42 27.8 23.7 35.5  
71 42.0 28.2 42.4



#6  
bis(2-Chloroethyl)ether  
Concen: 0.381 ng  
RT: 7.412 min Scan# 572  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion: 93 Resp: 9572  
Ion Ratio Lower Upper  
93 100  
63 87.7 69.0 103.6  
95 33.7 26.1 39.1

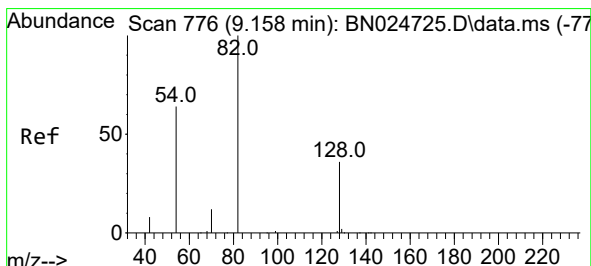
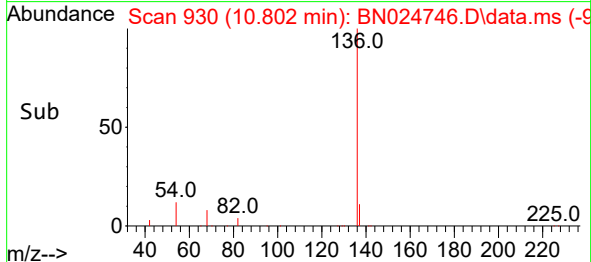
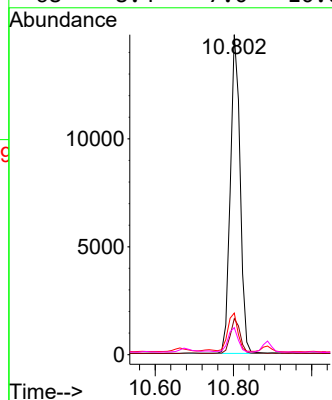
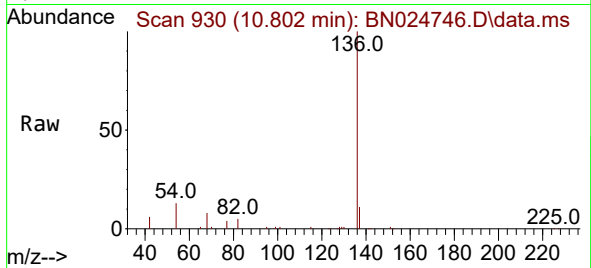




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.802 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

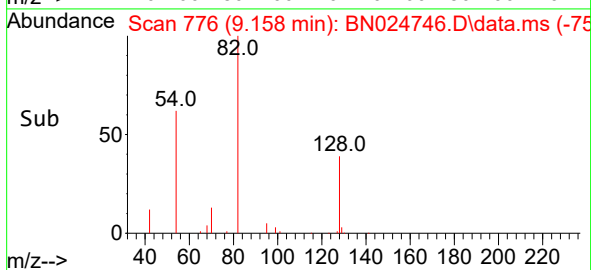
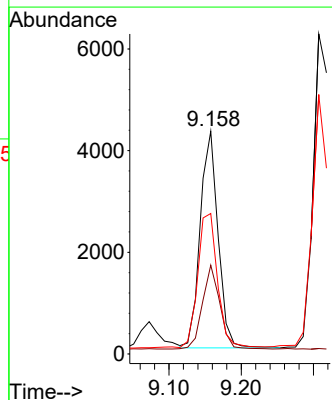
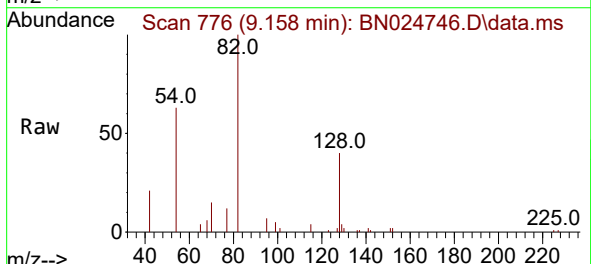
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

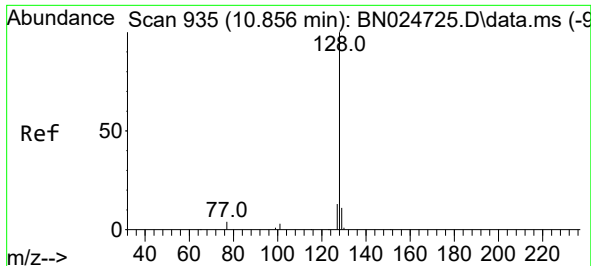
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 25521 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.3  | 9.0   | 13.6  |
| 54       | 13.0  | 11.4  | 17.0  |
| 68       | 8.4   | 7.0   | 10.6  |



#8  
Nitrobenzene-d5  
Concen: 0.368 ng  
RT: 9.158 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 7336  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 39.9  | 29.4  | 44.2  |
| 54       | 63.1  | 51.3  | 76.9  |

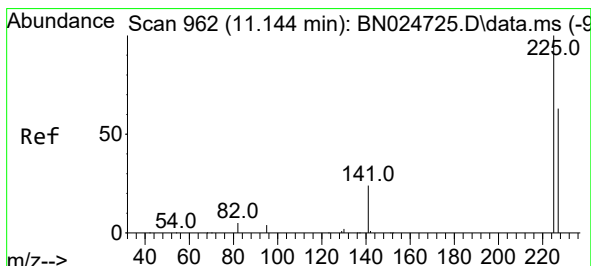
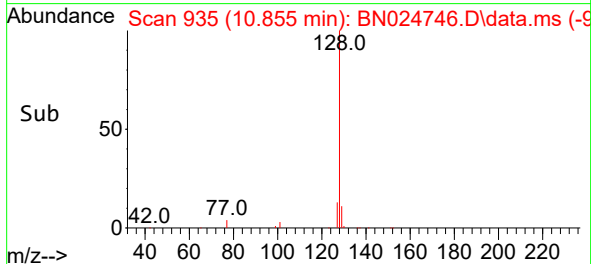
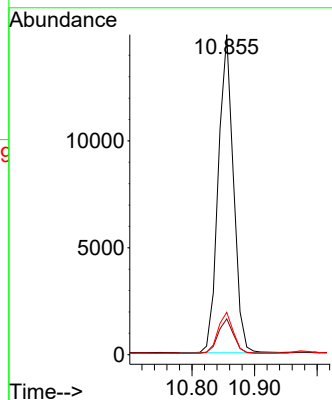
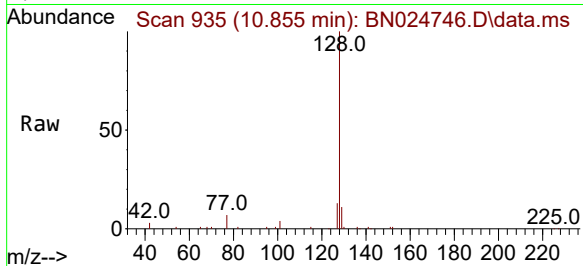




#9  
Naphthalene  
Concen: 0.380 ng  
RT: 10.855 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

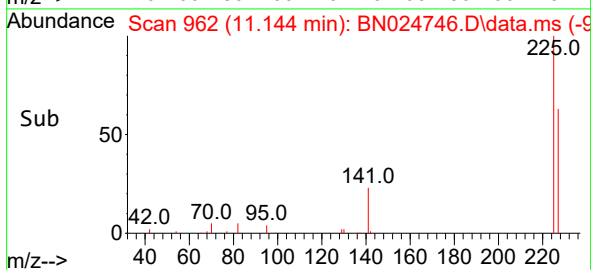
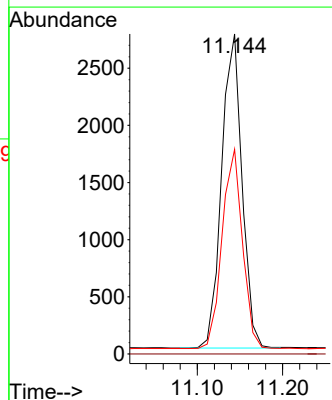
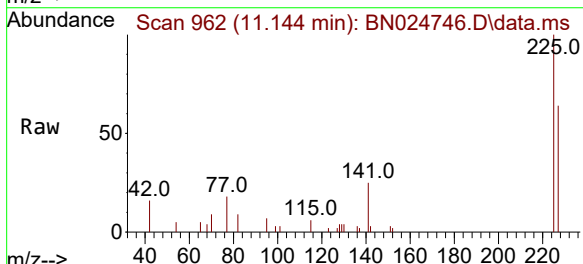
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

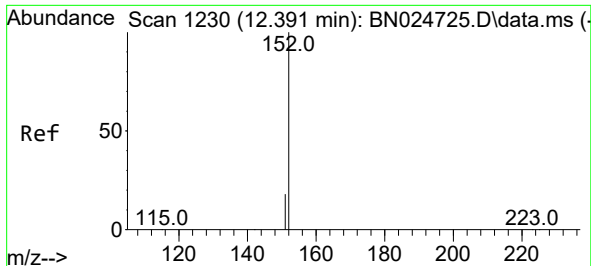
Tgt Ion:128 Resp: 25073  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.6  
127 13.2 10.6 15.8



#10  
Hexachlorobutadiene  
Concen: 0.347 ng  
RT: 11.144 min Scan# 962  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:225 Resp: 4556  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.3 50.5 75.7

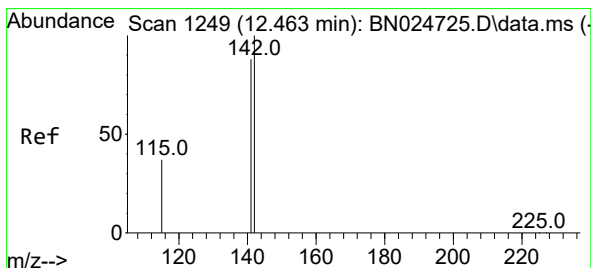
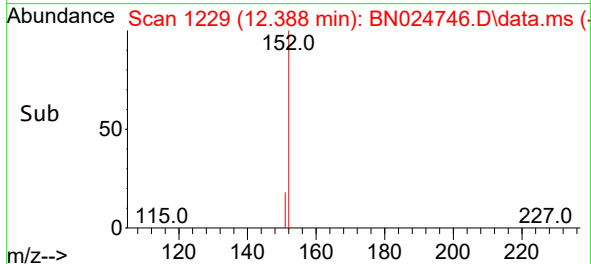
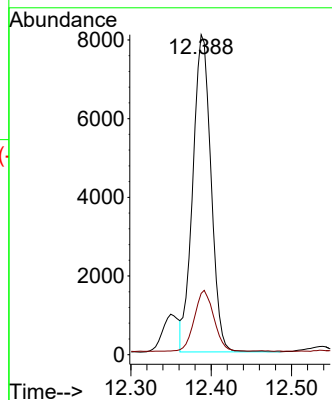
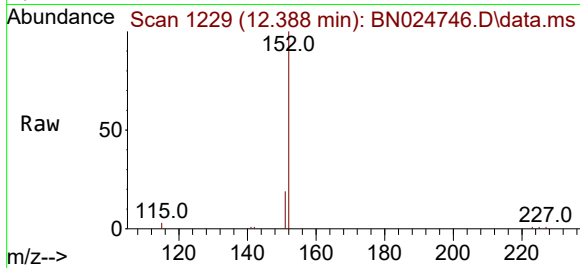




#11  
2-Methylnaphthalene-d10  
Concen: 0.387 ng  
RT: 12.388 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

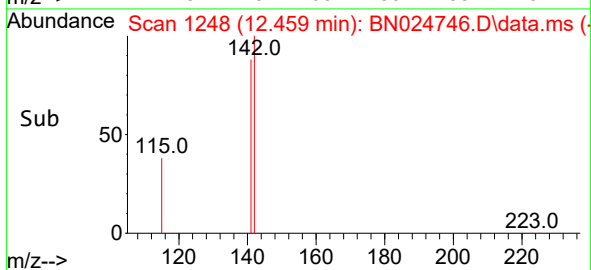
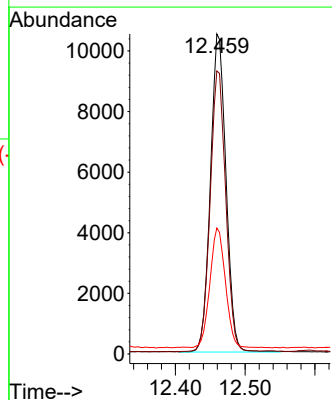
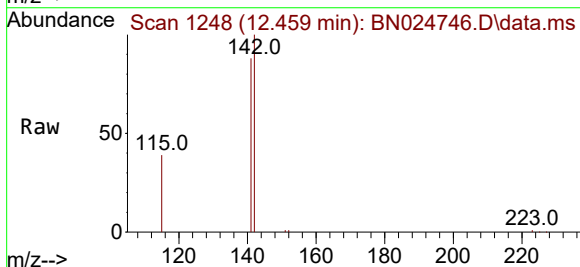
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

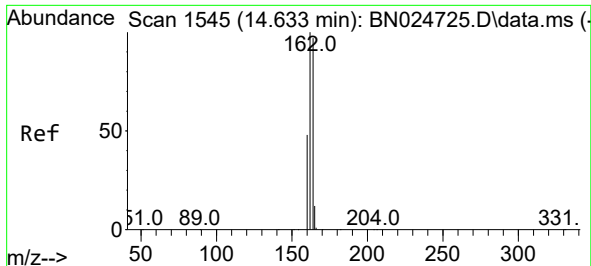
Tgt Ion:152 Resp: 12659  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.6 25.0



#12  
2-Methylnaphthalene  
Concen: 0.367 ng  
RT: 12.459 min Scan# 1248  
Delta R.T. -0.004 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:142 Resp: 16246  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.5 105.7  
115 39.4 30.9 46.3

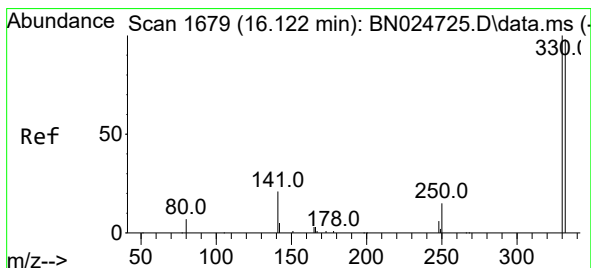
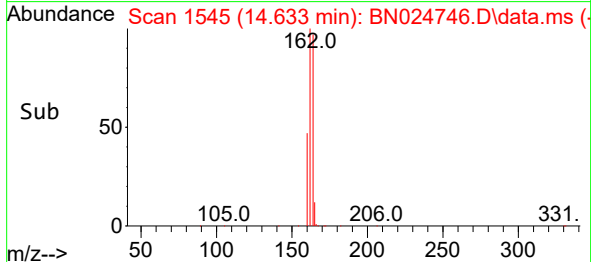
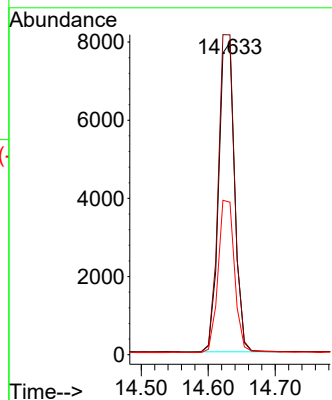
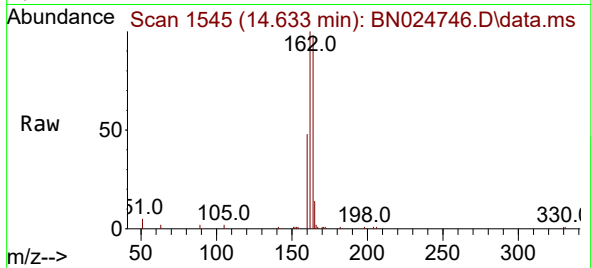




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.633 min Scan# 1545  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

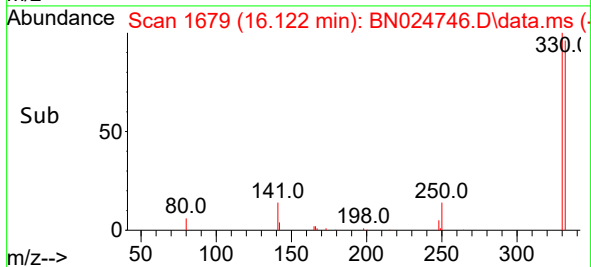
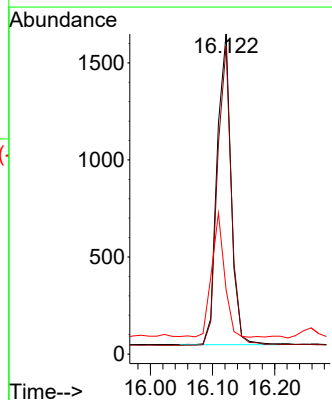
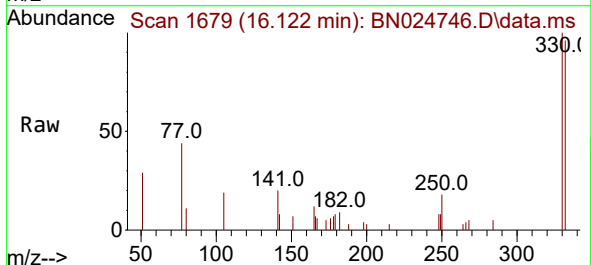
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

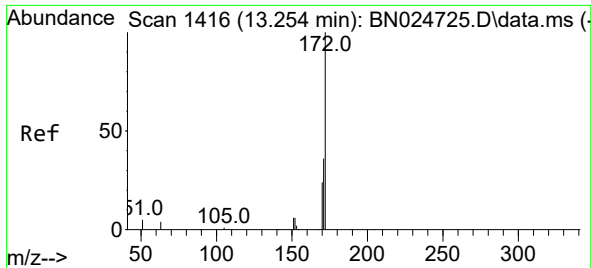
Tgt Ion:164 Resp: 13140  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.2 123.4  
160 48.9 39.4 59.0



#14  
2,4,6-Tribromophenol  
Concen: 0.443 ng  
RT: 16.122 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:330 Resp: 2508  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.6 116.4  
141 37.2 29.6 44.4

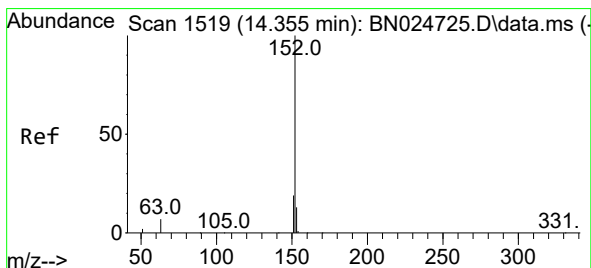
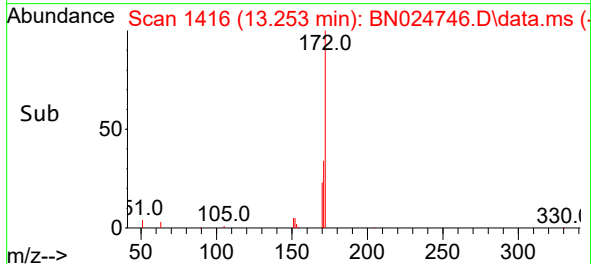
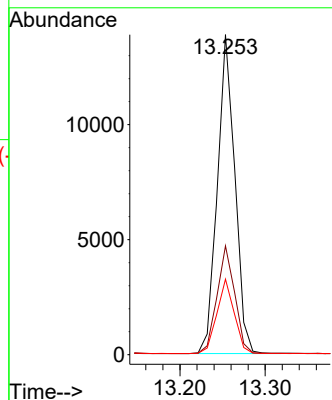
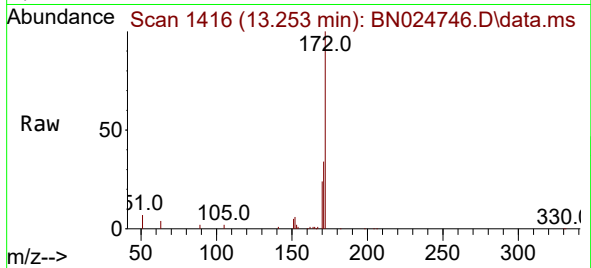




#15  
2-Fluorobiphenyl  
Concen: 0.386 ng  
RT: 13.253 min Scan# 1416  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

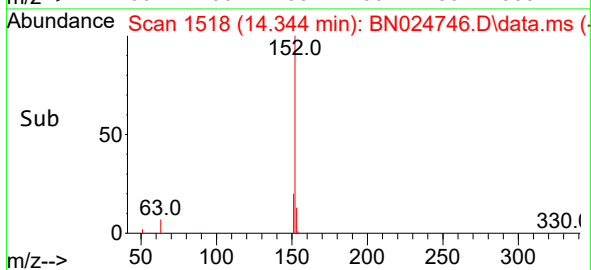
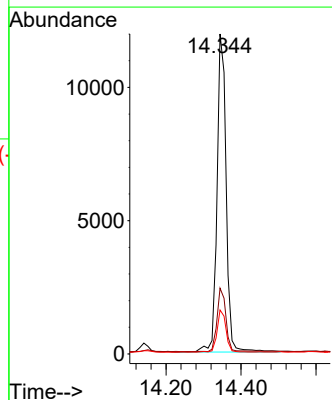
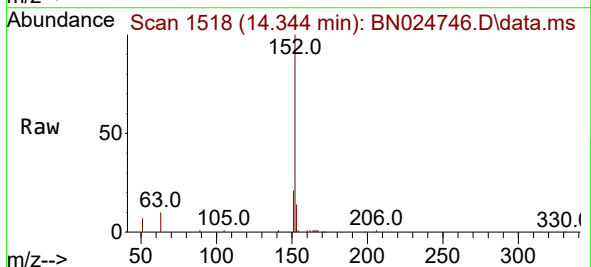
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

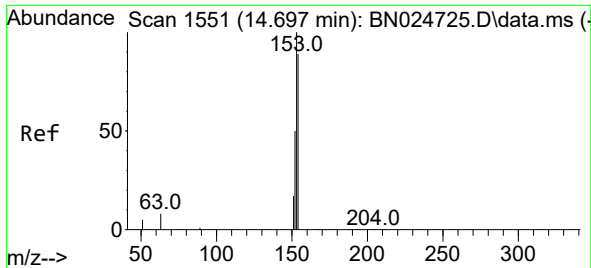
Tgt Ion:172 Resp: 19775  
Ion Ratio Lower Upper  
172 100  
171 34.0 28.8 43.2  
170 23.6 19.5 29.3



#16  
Acenaphthylene  
Concen: 0.369 ng  
RT: 14.344 min Scan# 1518  
Delta R.T. -0.011 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:152 Resp: 20207  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.2 22.8  
153 12.8 10.4 15.6

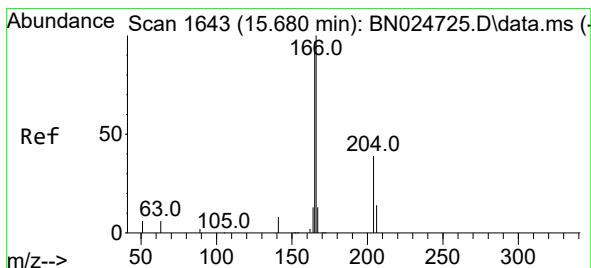
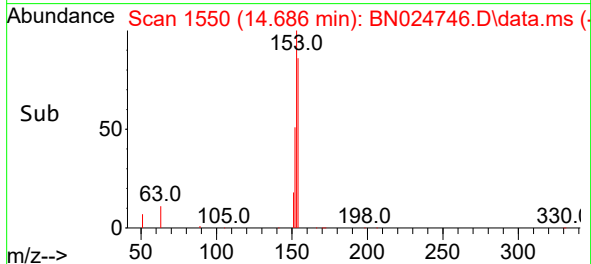
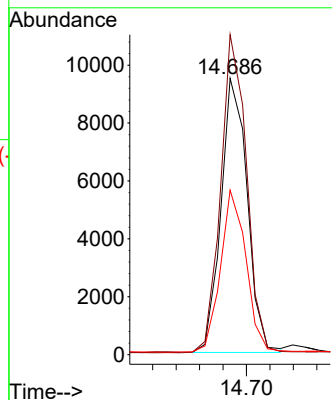
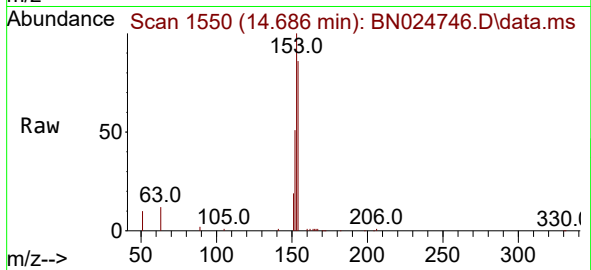




#17  
Acenaphthene  
Concen: 0.387 ng  
RT: 14.686 min Scan# 1550  
Delta R.T. -0.011 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

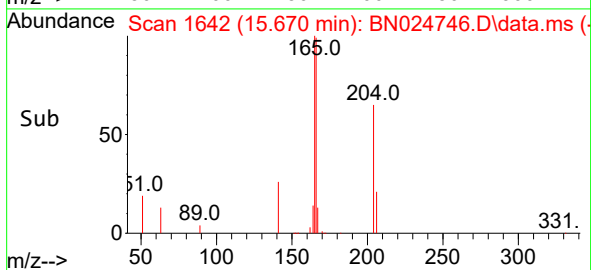
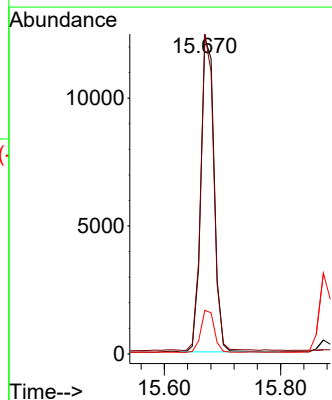
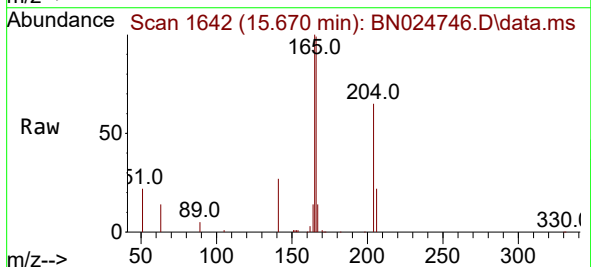
Instrument : BNA\_N  
ClientSampleId : GWCB-05-85-90-032423MSD

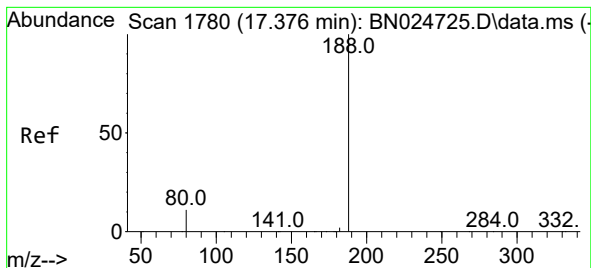
Tgt Ion:154 Resp: 14722  
Ion Ratio Lower Upper  
154 100  
153 115.1 92.5 138.7  
152 58.1 47.2 70.8



#18  
Fluorene  
Concen: 0.403 ng  
RT: 15.670 min Scan# 1642  
Delta R.T. -0.011 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:166 Resp: 20990  
Ion Ratio Lower Upper  
166 100  
165 99.6 79.1 118.7  
167 12.7 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.376 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

Instrument :

BNA\_N

ClientSampleId :

GWCB-05-85-90-032423MSD

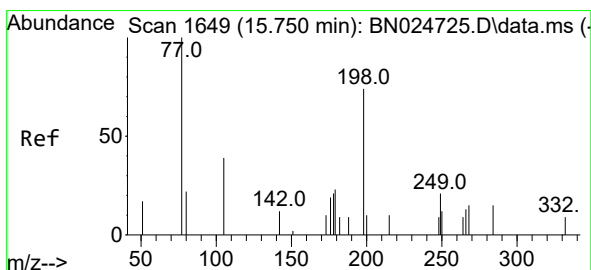
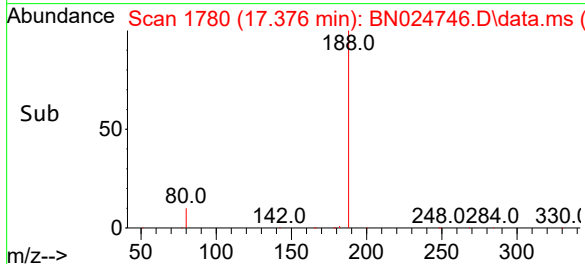
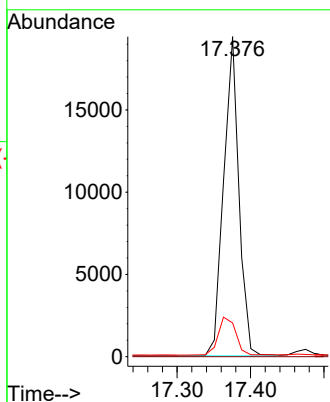
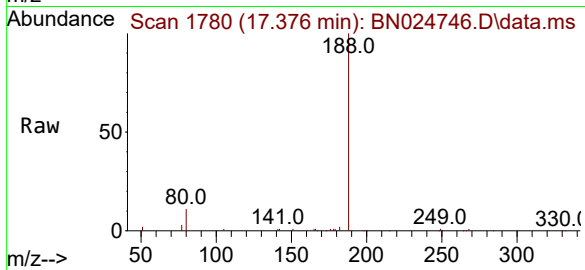
Tgt Ion:188 Resp: 27951

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 9.2 13.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.546 ng

RT: 15.750 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

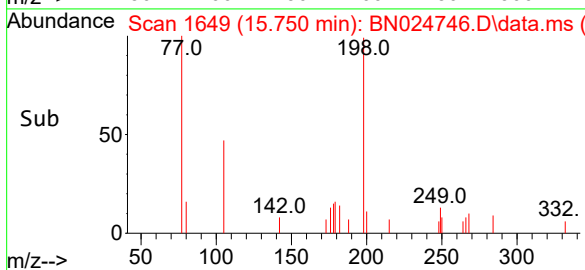
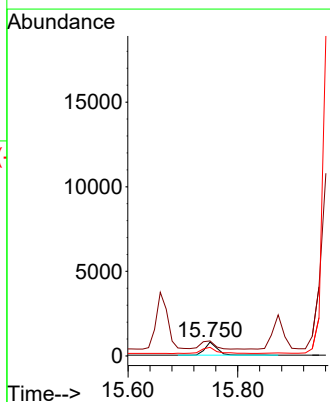
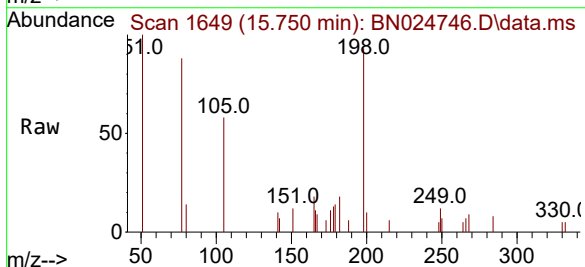
Tgt Ion:198 Resp: 1158

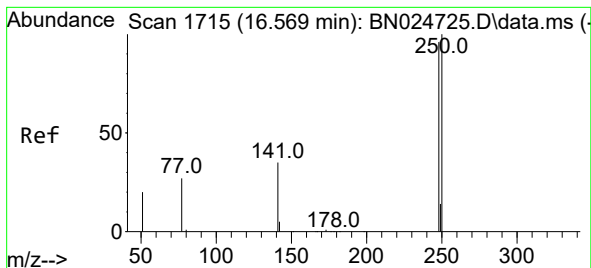
Ion Ratio Lower Upper

198 100

51 107.8 118.9 178.3#

105 62.5 64.6 97.0#

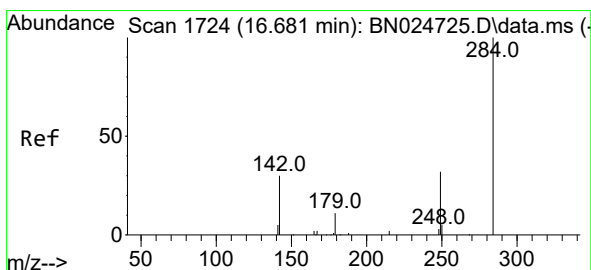
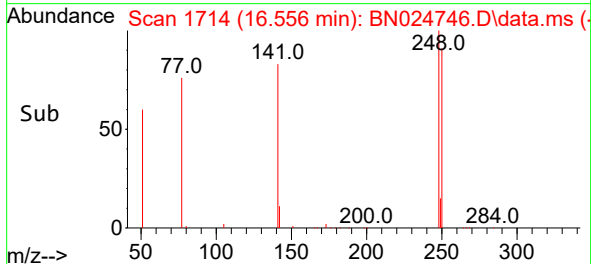
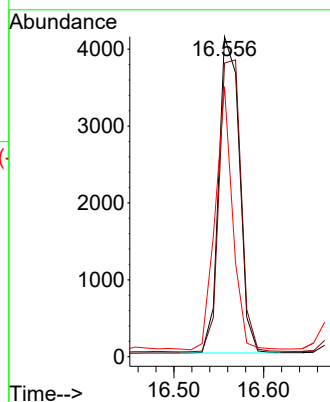
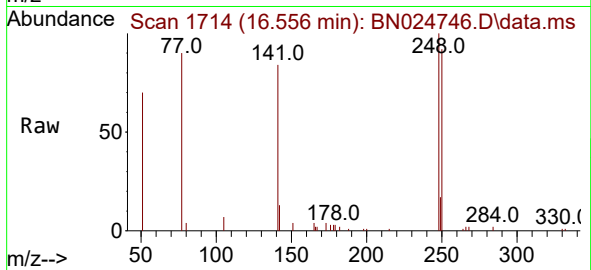




#21  
4-Bromophenyl-phenylether  
Concen: 0.394 ng  
RT: 16.556 min Scan# 1714  
Delta R.T. -0.012 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

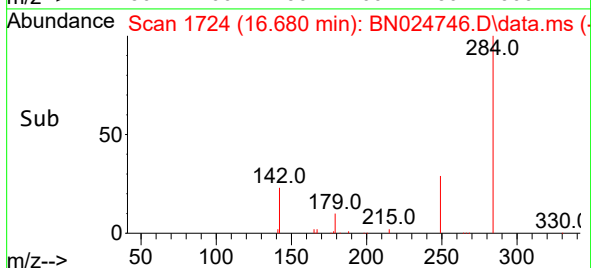
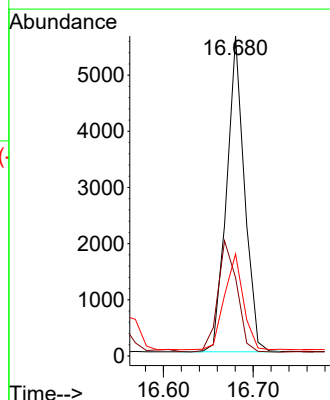
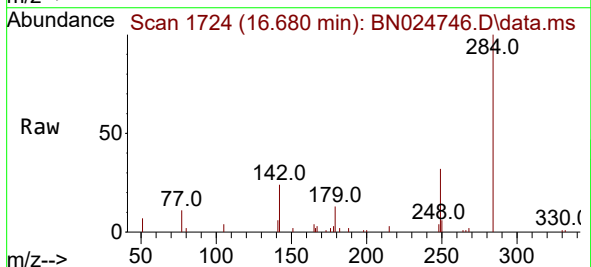
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

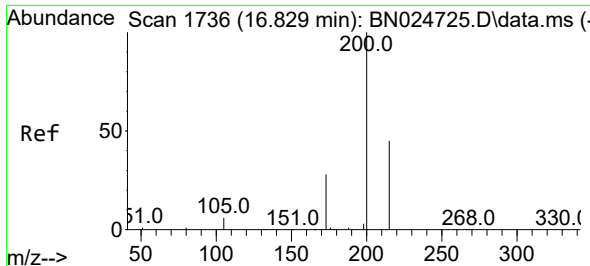
Tgt Ion:248 Resp: 6594  
Ion Ratio Lower Upper  
248 100  
250 91.7 83.6 125.4  
141 84.3 30.3 45.5#



#22  
Hexachlorobenzene  
Concen: 0.395 ng  
RT: 16.680 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:284 Resp: 7787  
Ion Ratio Lower Upper  
284 100  
142 37.8 29.4 44.2  
249 32.0 24.8 37.2

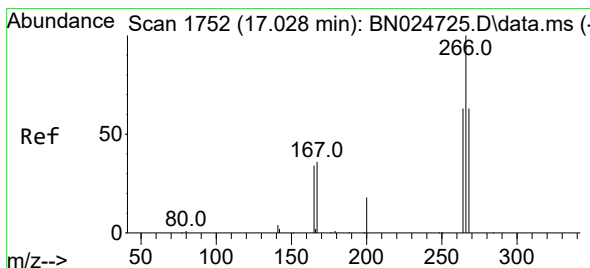
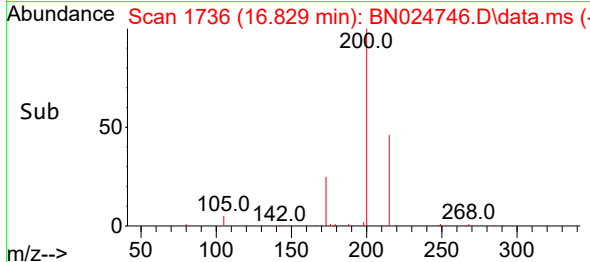
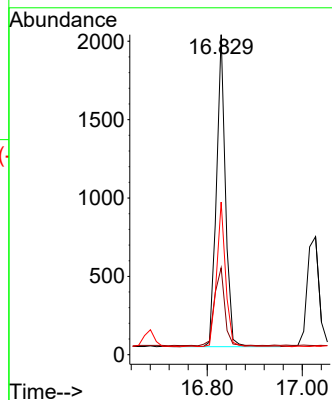
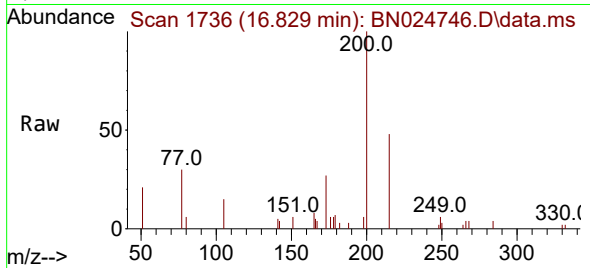




#23  
Atrazine  
Concen: 0.258 ng  
RT: 16.829 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

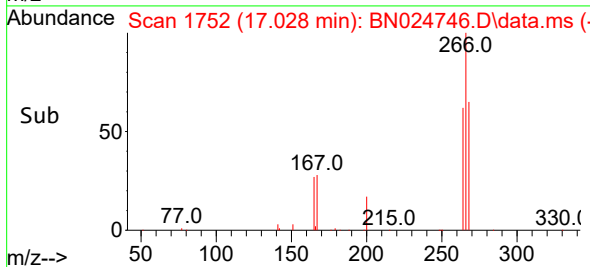
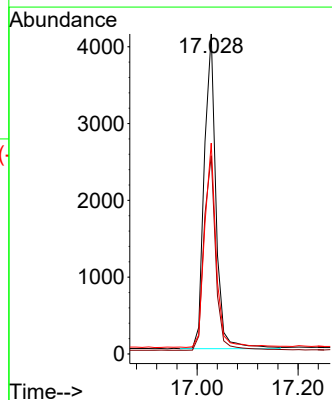
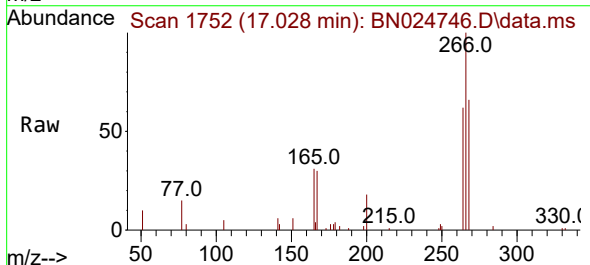
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

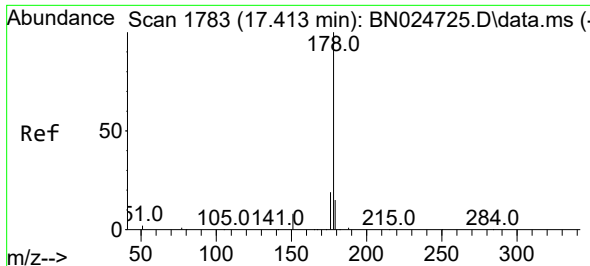
Tgt Ion:200 Resp: 2633  
Ion Ratio Lower Upper  
200 100  
173 27.2 23.7 35.5  
215 47.7 37.0 55.4



#24  
Pentachlorophenol  
Concen: 0.953 ng  
RT: 17.028 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:266 Resp: 6633  
Ion Ratio Lower Upper  
266 100  
264 62.6 49.4 74.0  
268 64.0 51.0 76.4

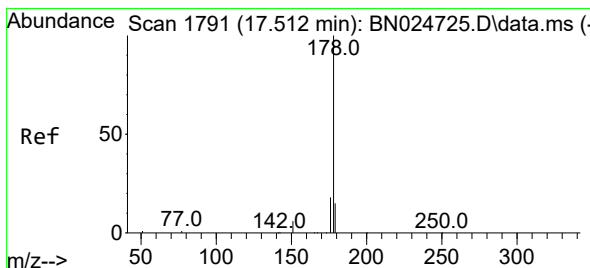
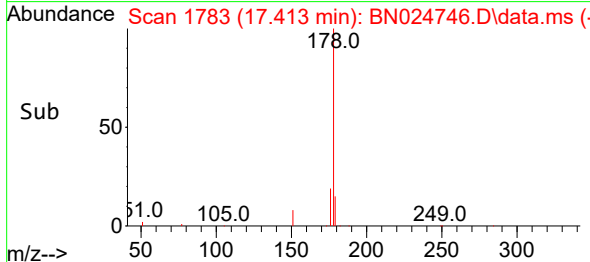
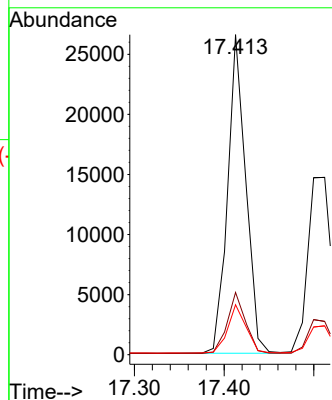
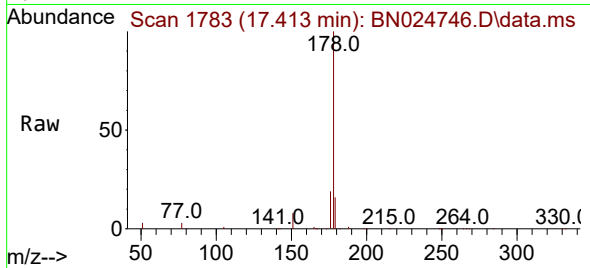




#25  
Phenanthrene  
Concen: 0.463 ng  
RT: 17.413 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

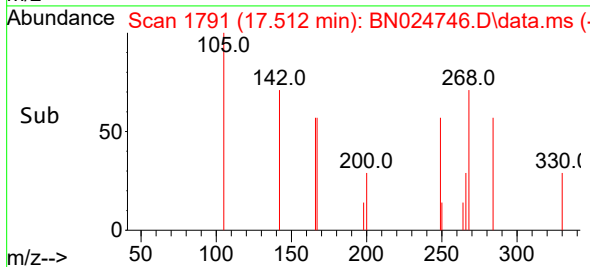
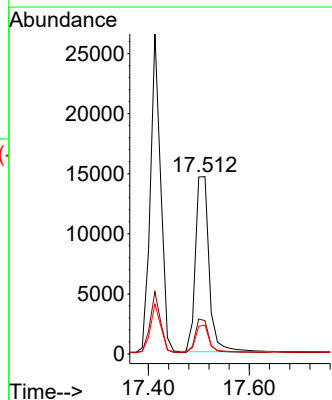
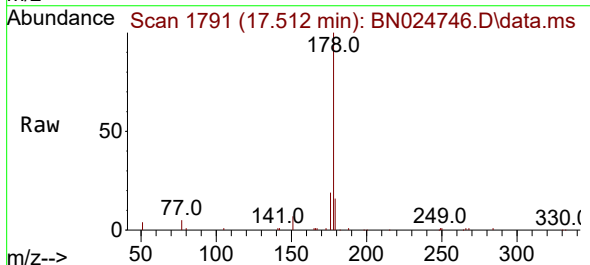
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

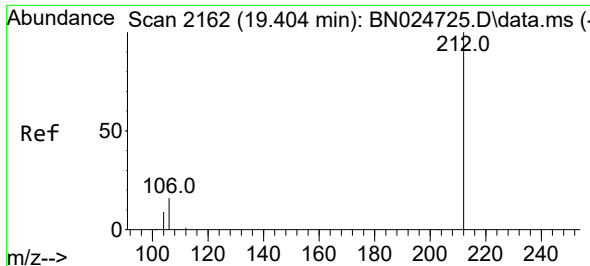
Tgt Ion:178 Resp: 37352  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.4 12.2 18.4



#26  
Anthracene  
Concen: 0.394 ng  
RT: 17.512 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:178 Resp: 27539  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.6 21.8  
179 15.3 12.0 18.0

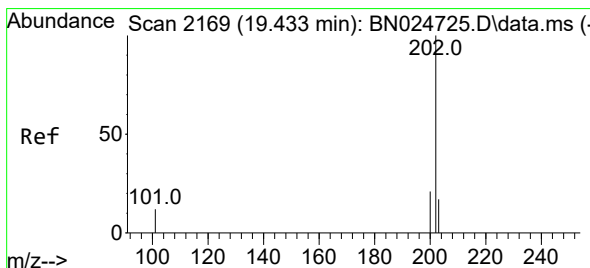
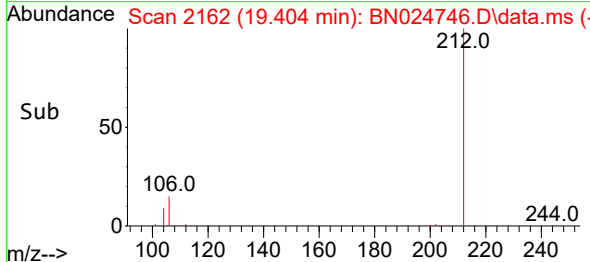
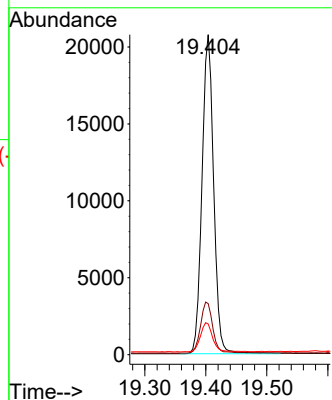
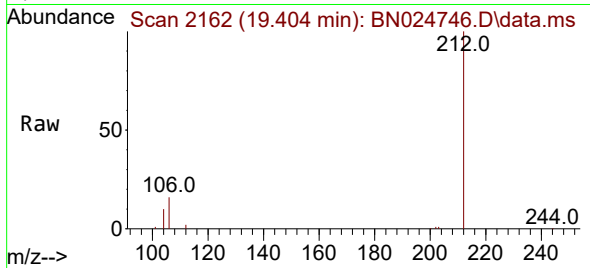




#27  
Fluoranthene-d10  
Concen: 0.466 ng  
RT: 19.404 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

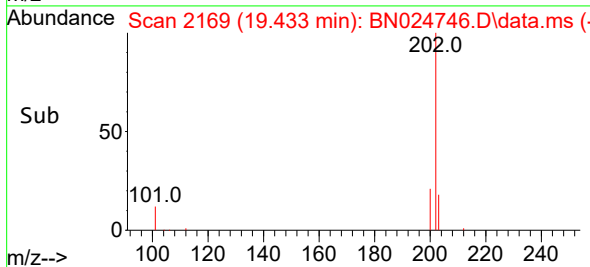
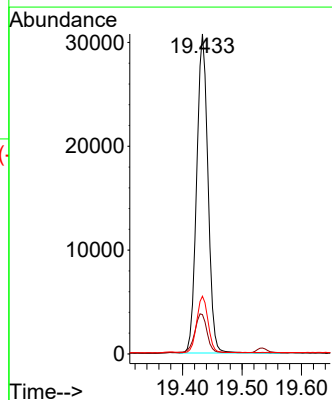
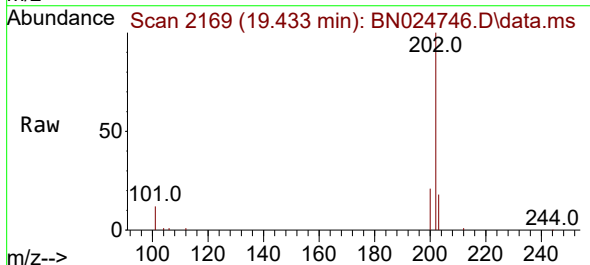
Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

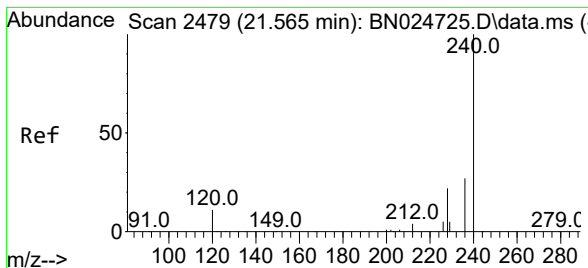
Tgt Ion:212 Resp: 27596  
Ion Ratio Lower Upper  
212 100  
106 17.0 13.0 19.4  
104 9.6 7.4 11.0



#28  
Fluoranthene  
Concen: 0.471 ng  
RT: 19.433 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:202 Resp: 40455  
Ion Ratio Lower Upper  
202 100  
101 13.7 10.1 15.1  
203 17.5 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.556 min Scan# 2478

Delta R.T. -0.009 min

Lab File: BN024746.D

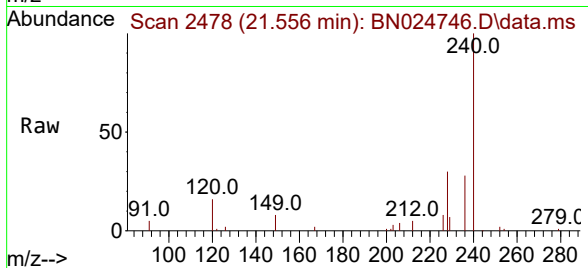
Acq: 04 Apr 2023 02:29

Instrument :

BNA\_N

ClientSampleId :

GWCB-05-85-90-032423MSD



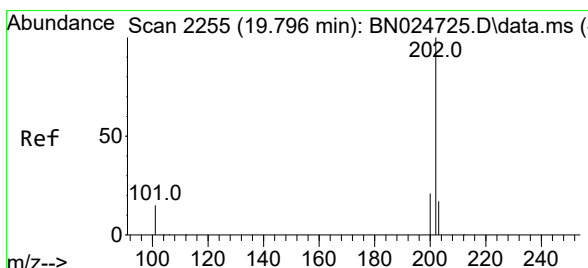
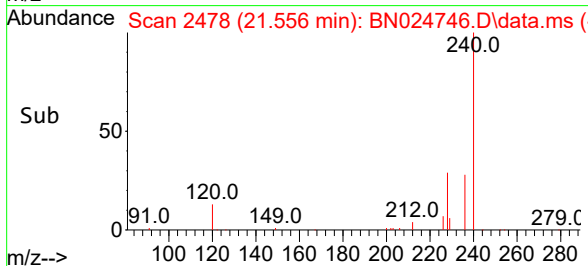
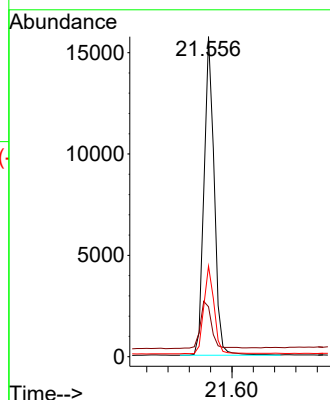
Tgt Ion:240 Resp: 20847

Ion Ratio Lower Upper

240 100

120 15.6 10.6 16.0

236 28.3 22.3 33.5



#30

Pyrene

Concen: 0.461 ng

RT: 19.796 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

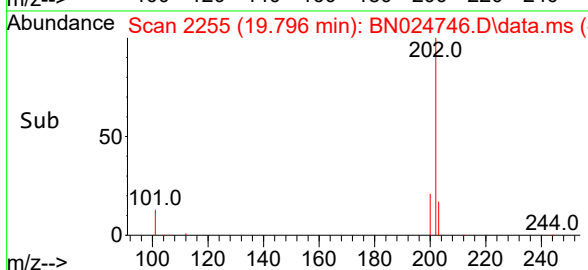
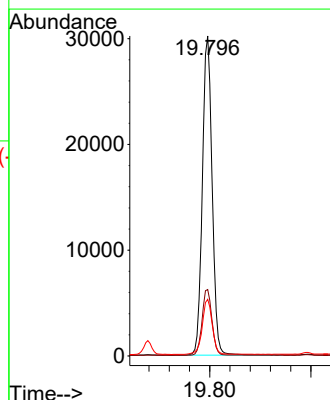
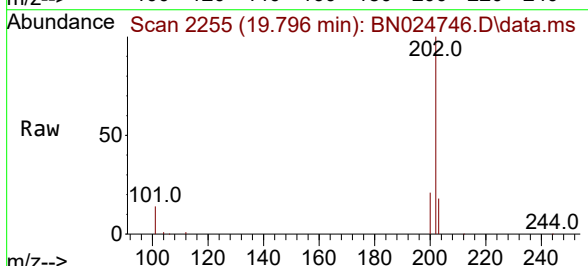
Tgt Ion:202 Resp: 40420

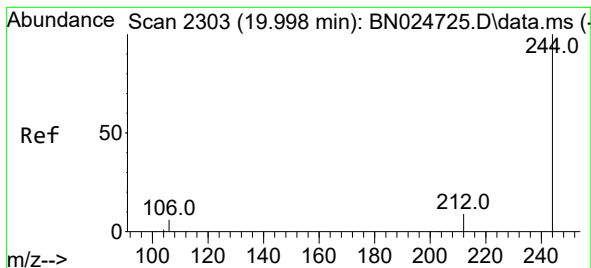
Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

203 17.6 14.2 21.2





#31

Terphenyl-d14

Concen: 0.492 ng

RT: 19.994 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN024746.D

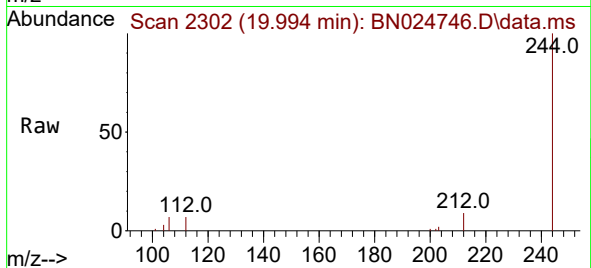
Acq: 04 Apr 2023 02:29

Instrument :

BNA\_N

ClientSampleId :

GWCB-05-85-90-032423MSD



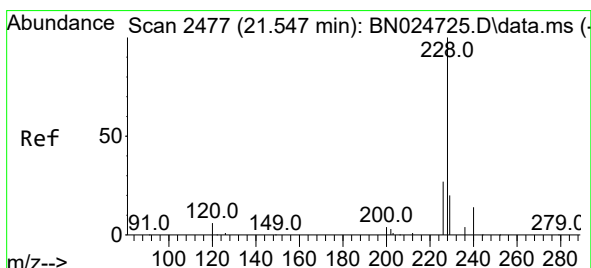
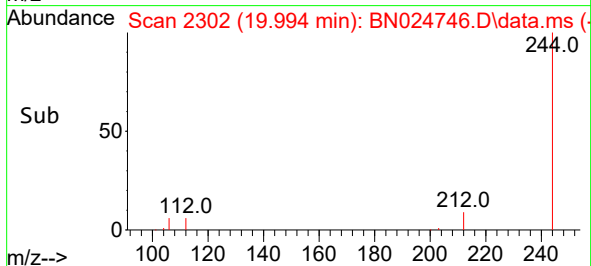
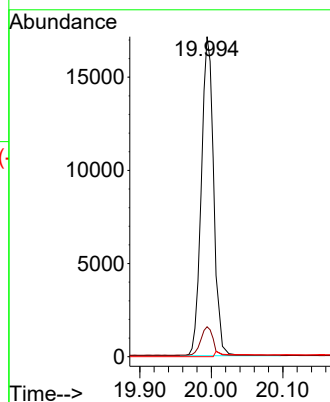
Tgt Ion:244 Resp: 29619

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

122 0.0 0.0 0.0



#32

Benzo(a)anthracene

Concen: 0.450 ng

RT: 21.538 min Scan# 2476

Delta R.T. -0.009 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

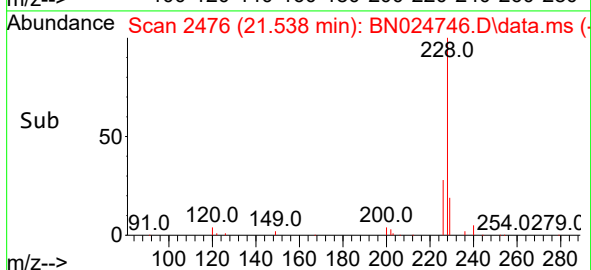
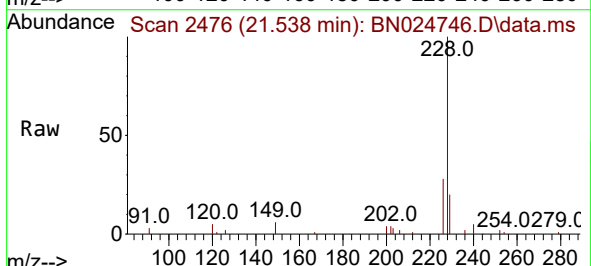
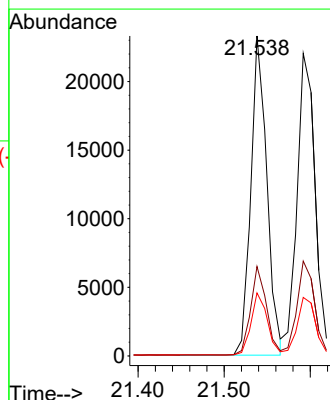
Tgt Ion:228 Resp: 30054

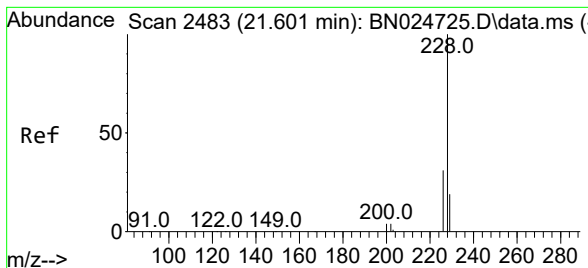
Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

229 19.7 15.8 23.8





#33

Chrysene

Concen: 0.432 ng

RT: 21.592 min Scan# 2482

Delta R.T. -0.009 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

Instrument :

BNA\_N

ClientSampleId :

GWCB-05-85-90-032423MSD

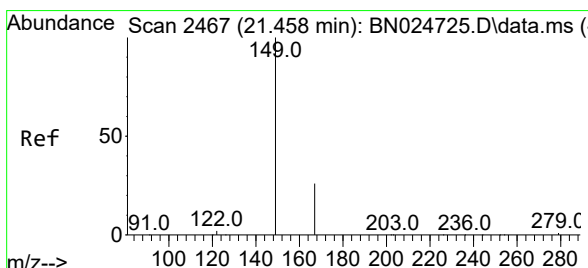
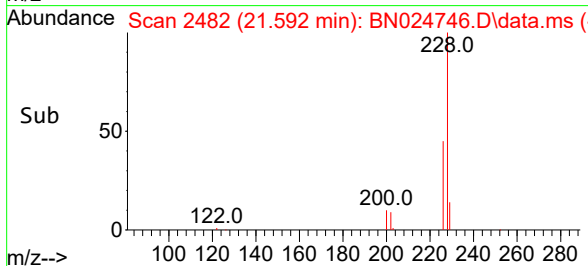
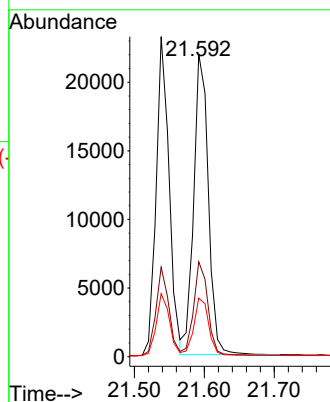
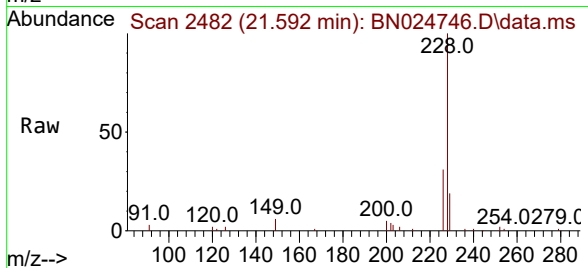
Tgt Ion:228 Resp: 31883

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 19.4 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.007 ng

RT: 21.458 min Scan# 2467

Delta R.T. -0.000 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

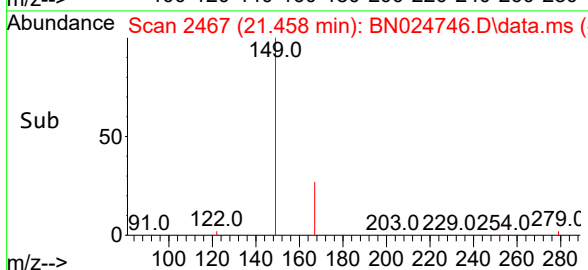
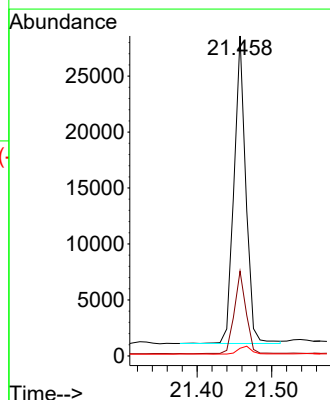
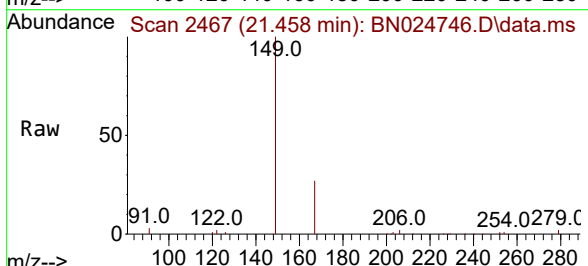
Tgt Ion:149 Resp: 30148

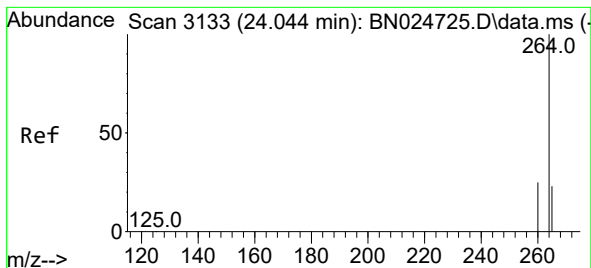
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.6

279 2.9 2.8 4.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.035 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

Instrument :

BNA\_N

ClientSampleId :

GWCB-05-85-90-032423MSD

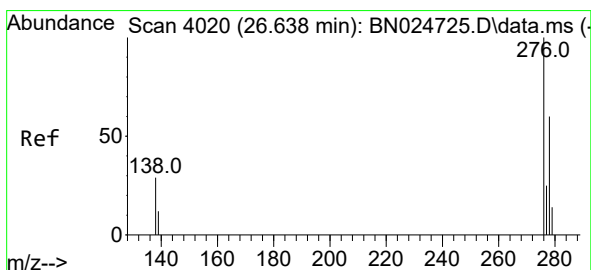
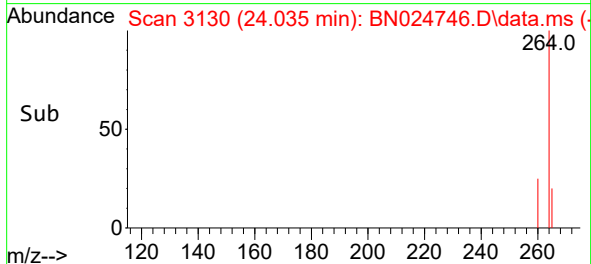
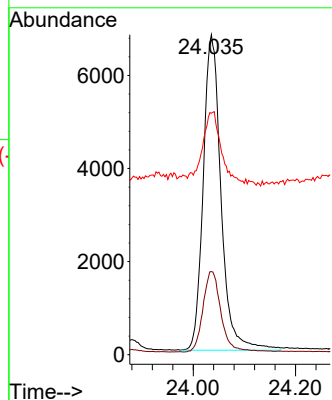
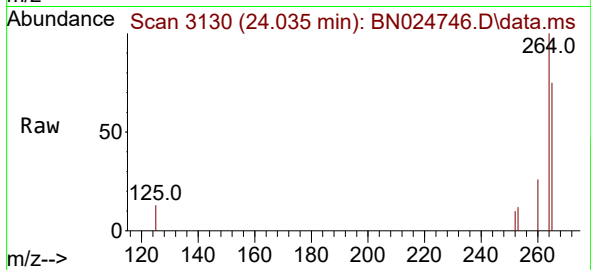
Tgt Ion:264 Resp: 16358

Ion Ratio Lower Upper

264 100

260 25.9 20.6 31.0

265 75.4 62.5 93.7



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng

RT: 26.626 min Scan# 4016

Delta R.T. -0.012 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

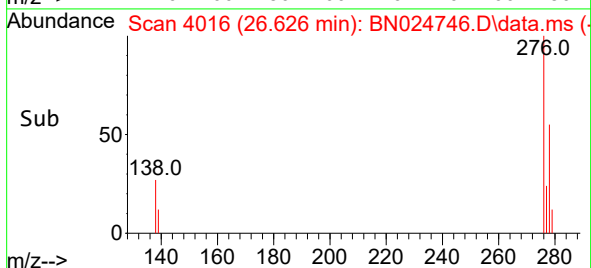
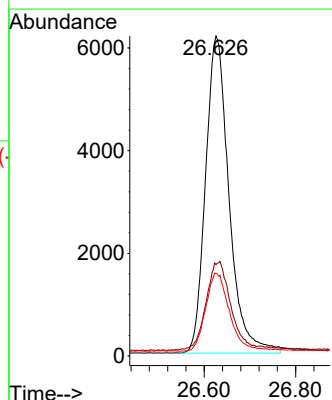
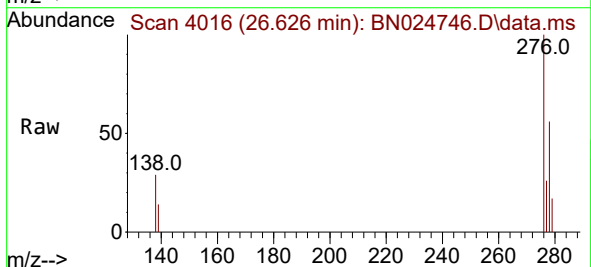
Tgt Ion:276 Resp: 22013

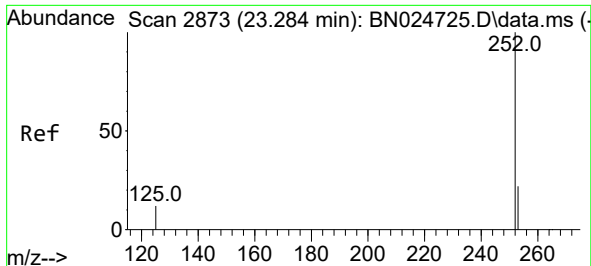
Ion Ratio Lower Upper

276 100

138 28.9 23.5 35.3

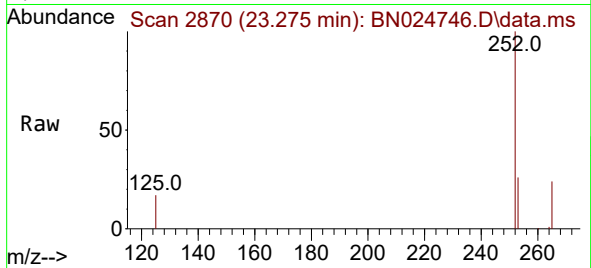
277 24.7 19.9 29.9



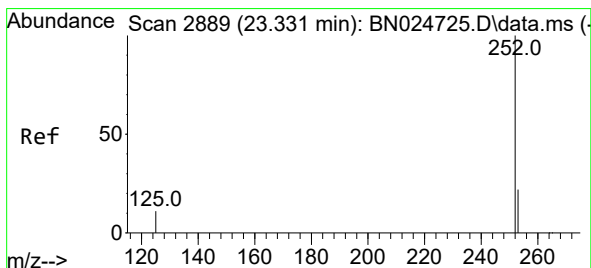
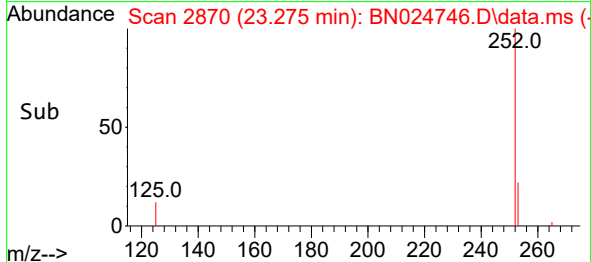
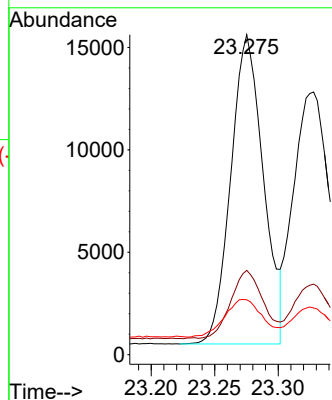


#37  
Benzo(b)fluoranthene  
Concen: 0.405 ng  
RT: 23.275 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Instrument :  
BNA\_N  
ClientSampleId :  
GWCB-05-85-90-032423MSD

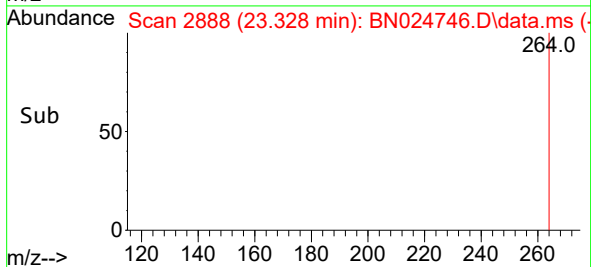
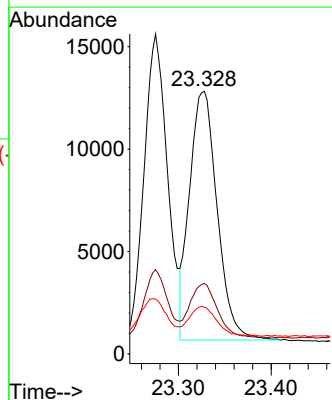
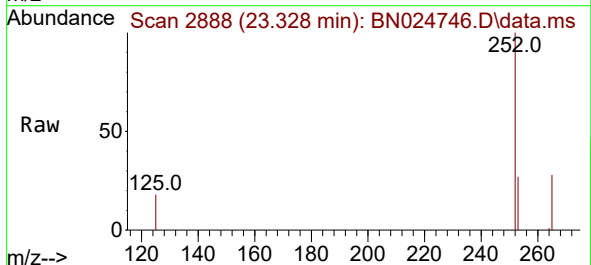


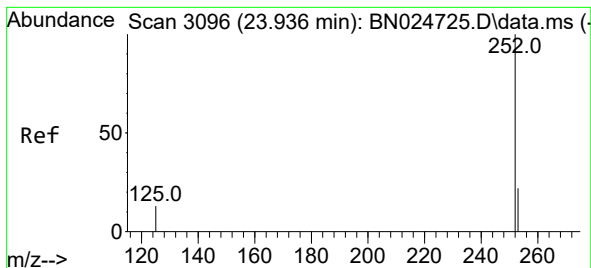
Tgt Ion:252 Resp: 26898  
Ion Ratio Lower Upper  
252 100  
253 26.4 20.4 30.6  
125 17.1 13.4 20.0



#38  
Benzo(k)fluoranthene  
Concen: 0.381 ng  
RT: 23.328 min Scan# 2888  
Delta R.T. -0.003 min  
Lab File: BN024746.D  
Acq: 04 Apr 2023 02:29

Tgt Ion:252 Resp: 25249  
Ion Ratio Lower Upper  
252 100  
253 26.8 21.0 31.4  
125 17.8 13.3 19.9





#39

Benzo(a)pyrene

Concen: 0.334 ng

RT: 23.927 min Scan# 3093

Delta R.T. -0.009 min

Lab File: BN024746.D

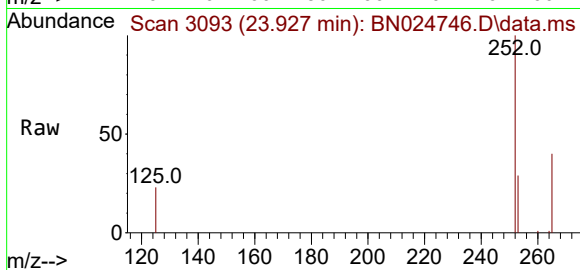
Acq: 04 Apr 2023 02:29

Instrument :

BNA\_N

ClientSampleId :

GWCB-05-85-90-032423MSD



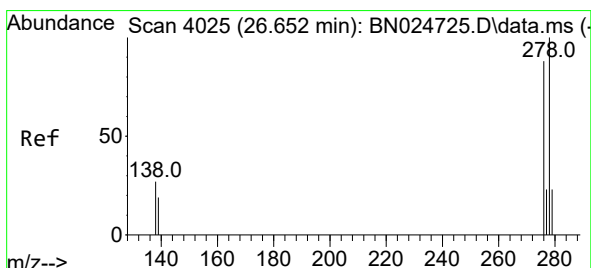
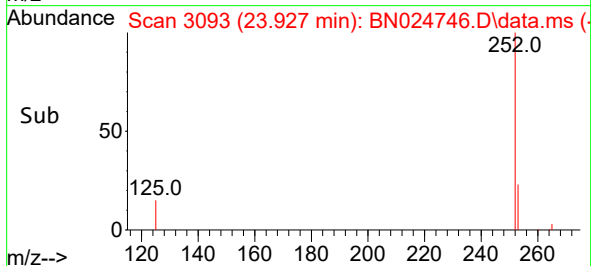
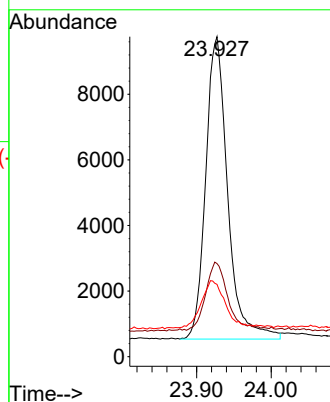
Tgt Ion:252 Resp: 18872

Ion Ratio Lower Upper

252 100

253 29.1 22.5 33.7

125 22.6 16.5 24.7



#40

Dibenzo(a,h)anthracene

Concen: 0.354 ng

RT: 26.643 min Scan# 4022

Delta R.T. -0.009 min

Lab File: BN024746.D

Acq: 04 Apr 2023 02:29

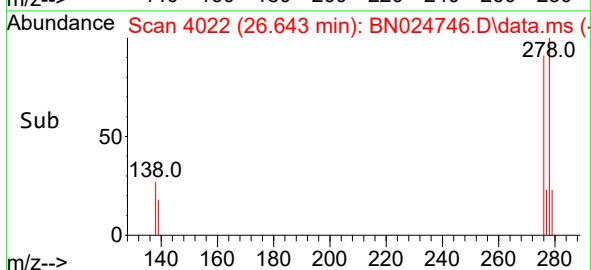
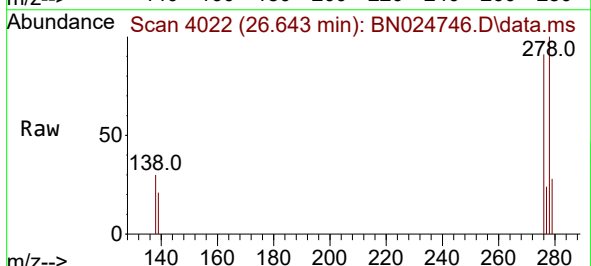
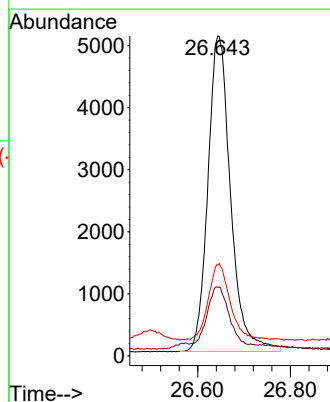
Tgt Ion:278 Resp: 17293

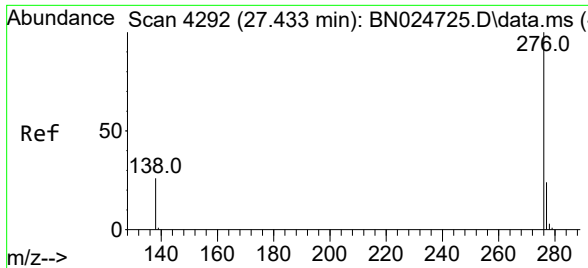
Ion Ratio Lower Upper

278 100

139 21.4 16.9 25.3

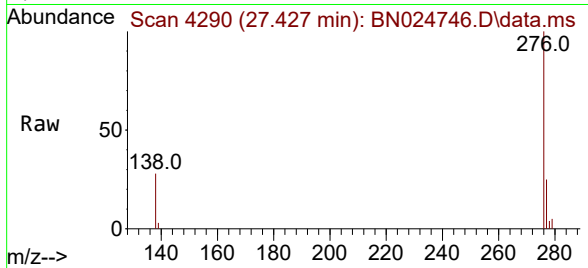
279 28.3 21.7 32.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.330 ng  
 RT: 27.427 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: BN024746.D  
 Acq: 04 Apr 2023 02:29

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWCB-05-85-90-032423MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 18871 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.2  | 20.0  | 30.0  |
| 138       | 27.5  | 21.6  | 32.4  |

