

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042823\  
 Data File : BN025188.D  
 Acq On : 28 Apr 2023 13:08  
 Operator : CG/JU  
 Sample : 02520-03DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWOW-06B-40-45-042623-FDDL

Quant Time: Apr 28 13:40:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN040523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 28 11:24:46 2023  
 Response via : Initial Calibration

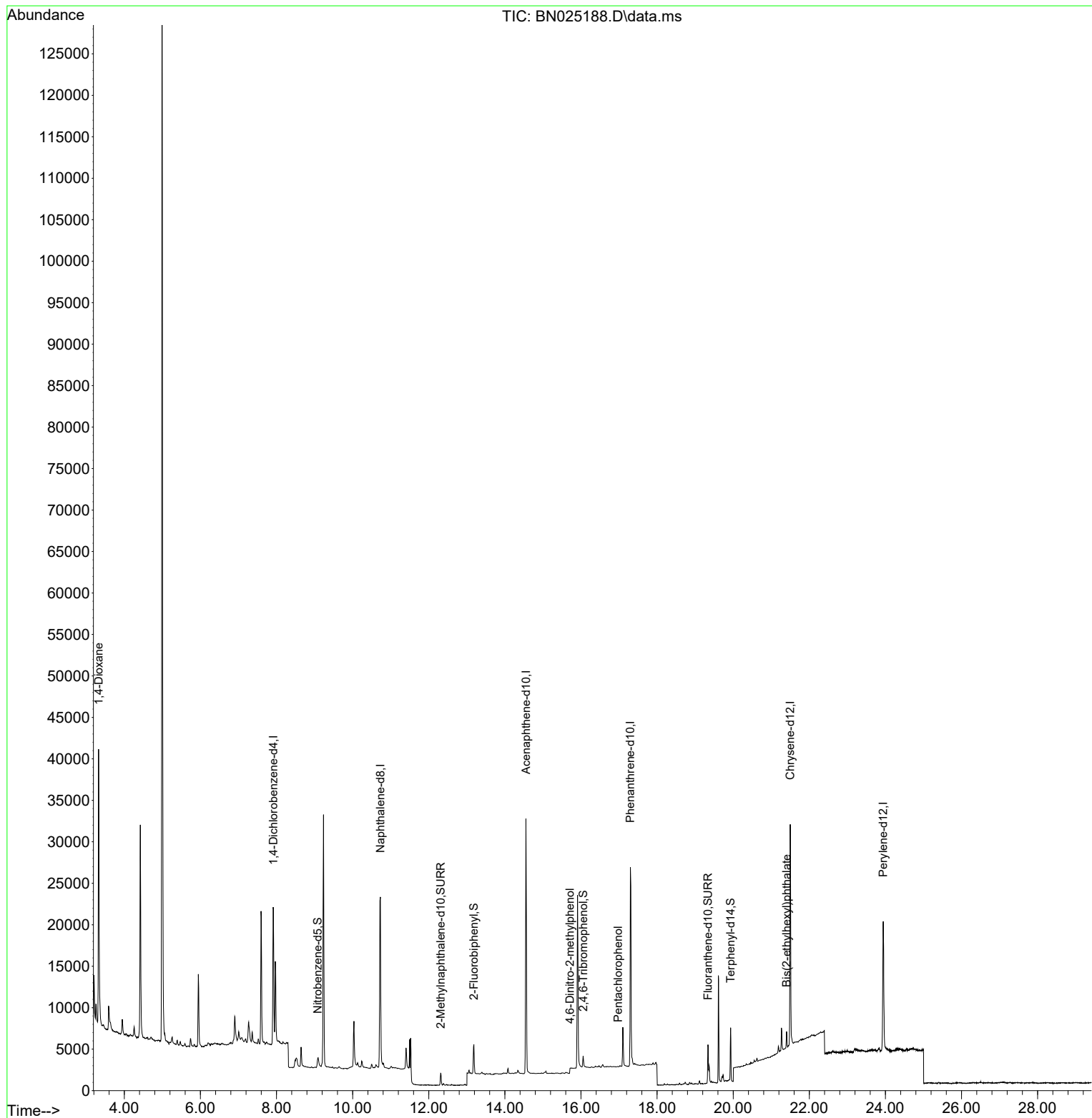
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.918  | 152  | 8876     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.728 | 136  | 29196    | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.555 | 164  | 17096    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.298 | 188  | 36186    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.500 | 240  | 24230    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.942 | 264  | 21530    | 0.400 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.470  | 112  | 282      | 0.014 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.088  | 99   | 214      | 0.008 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 9.084  | 82   | 1083     | 0.046 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.313 | 152  | 2135     | 0.055 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.057 | 330  | 290      | 0.038 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.187 | 172  | 3389     | 0.052 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.338 | 212  | 5279     | 0.064 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.932 | 244  | 4885     | 0.089 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.325  | 88   | 18967    | 1.945 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.710 | 198  | 16       | 0.177 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.976 | 266  | 36       | 0.222 | ng    | # 26     |
| 34) Bis(2-ethylhexyl)phtha... | 21.401 | 149  | 2065     | 0.047 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

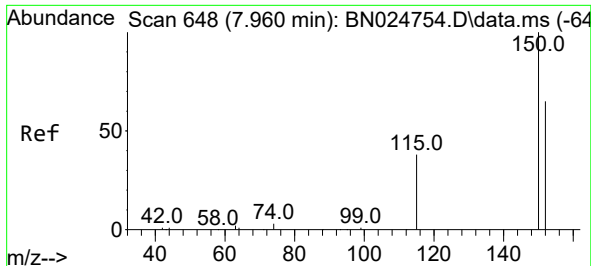
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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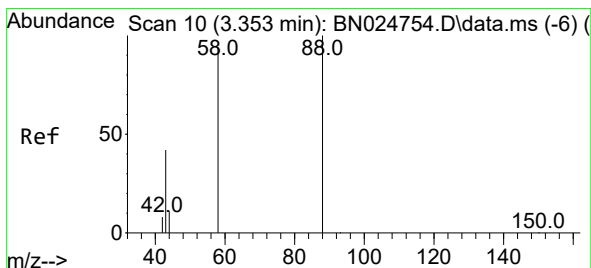
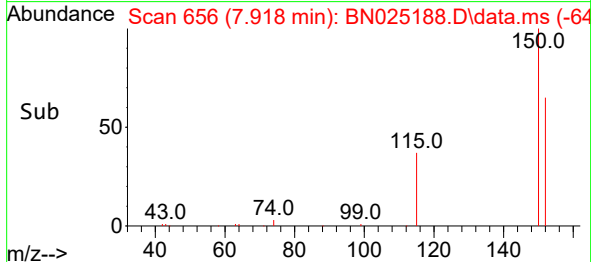
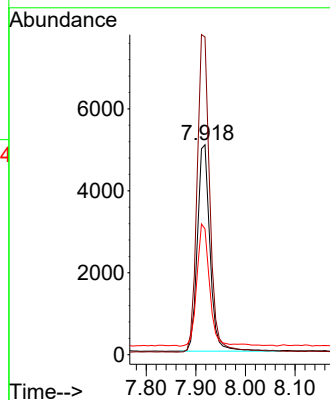
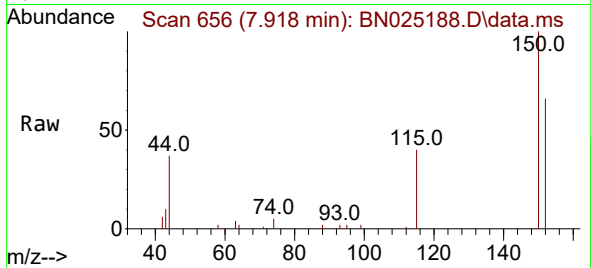




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.918 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

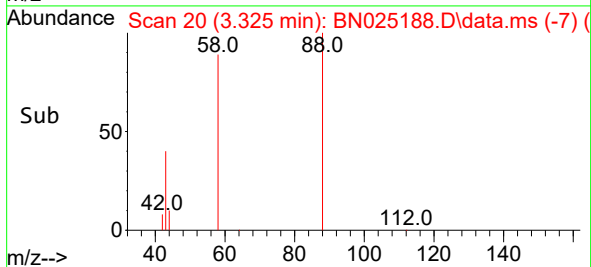
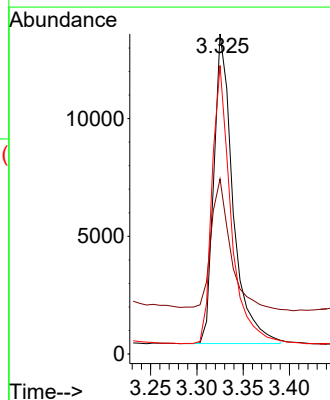
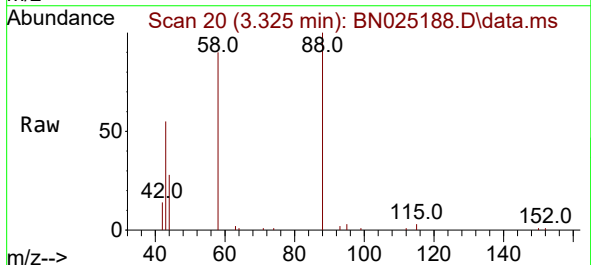
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BNA\_N  
ClientSampleId :  
GWOW-06B-40-45-042623-FDDL

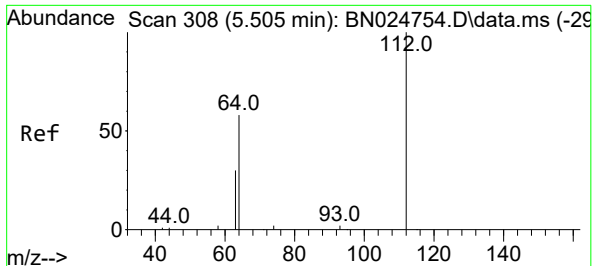
Tgt Ion:152 Resp: 8876  
Ion Ratio Lower Upper  
152 100  
150 151.4 121.8 182.8  
115 59.9 48.3 72.5



#2  
1,4-Dioxane  
Concen: 1.945 ng  
RT: 3.325 min Scan# 20  
Delta R.T. -0.007 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

Tgt Ion: 88 Resp: 18967  
Ion Ratio Lower Upper  
88 100  
43 42.3 35.2 52.8  
58 88.4 71.4 107.2

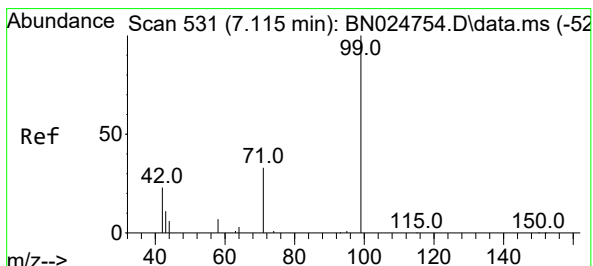
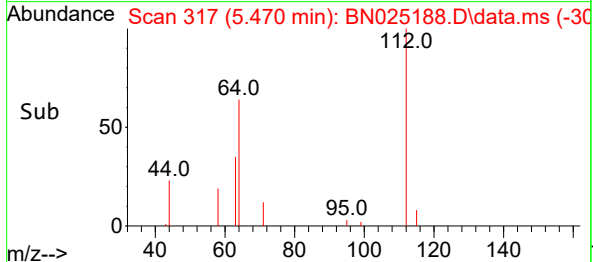
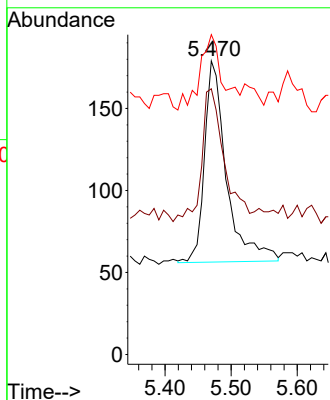
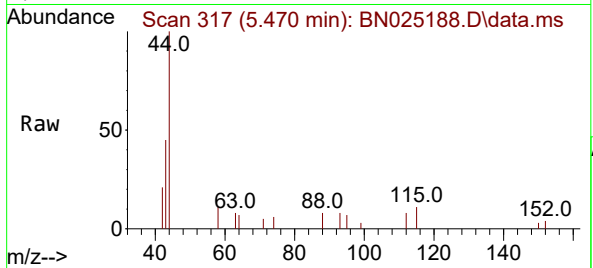




#4  
2-Fluorophenol  
Concen: 0.014 ng  
RT: 5.470 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

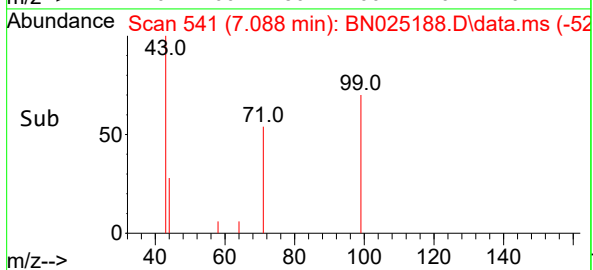
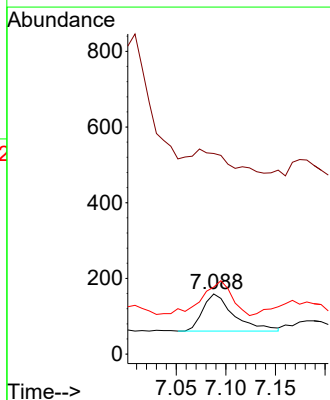
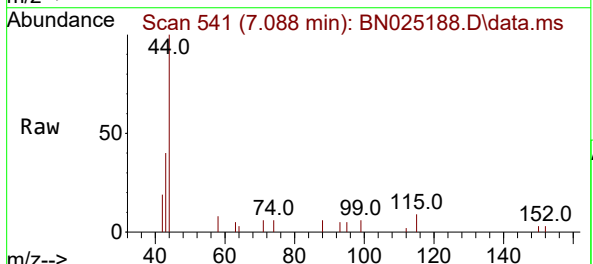
Instrument :  
BNA\_N  
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GWOW-06B-40-45-042623-FDDL

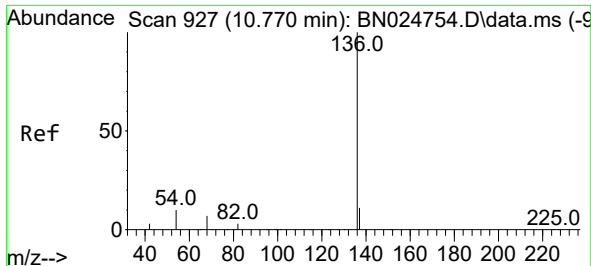
Tgt Ion:112 Resp: 282  
Ion Ratio Lower Upper  
112 100  
64 68.4 52.5 78.7  
63 35.5 27.9 41.9



#5  
Phenol-d6  
Concen: 0.008 ng  
RT: 7.088 min Scan# 541  
Delta R.T. 0.015 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

Tgt Ion: 99 Resp: 214  
Ion Ratio Lower Upper  
99 100  
42 0.0 22.8 34.2#  
71 88.8 28.2 42.2#

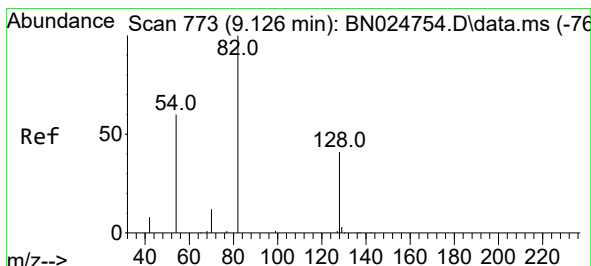
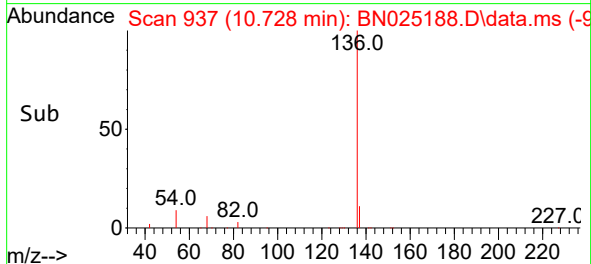
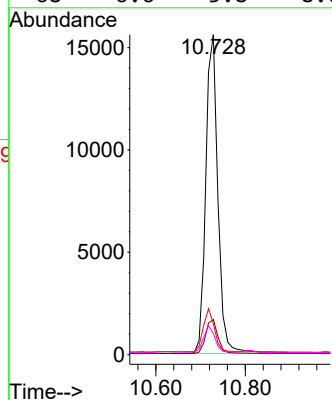
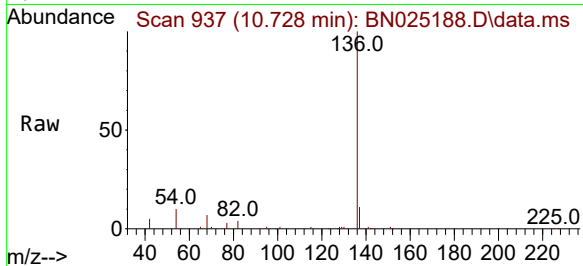




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.728 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

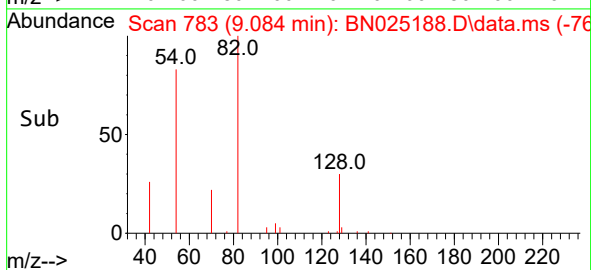
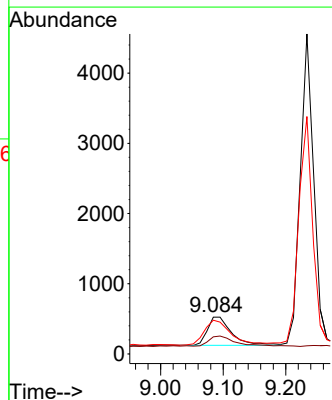
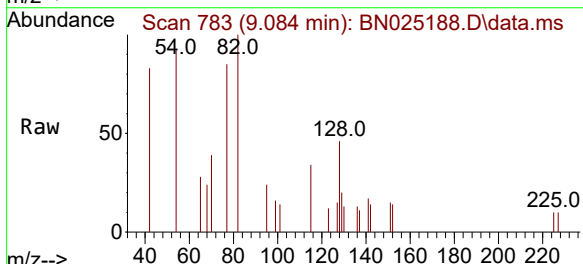
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-06B-40-45-042623-FDDL

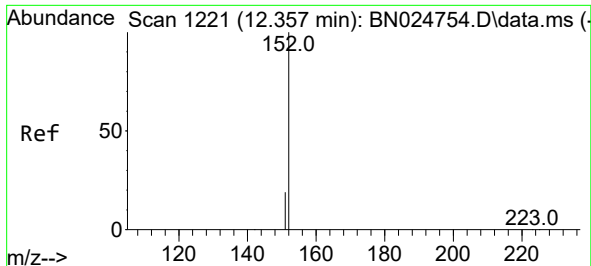
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 29196 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 8.9   | 13.3  |
| 54        | 9.7   | 8.2   | 12.4  |
| 68        | 6.6   | 5.8   | 8.6   |



#8  
Nitrobenzene-d5  
Concen: 0.046 ng  
RT: 9.084 min Scan# 783  
Delta R.T. 0.011 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1083 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 46.5  | 33.8  | 50.6 |
| 54        | 91.6  | 49.4  | 74.0 |





#11

2-Methylnaphthalene-d10

Concen: 0.055 ng

RT: 12.313 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN025188.D

Acq: 28 Apr 2023 13:08

Instrument :

BNA\_N

ClientSampleId :

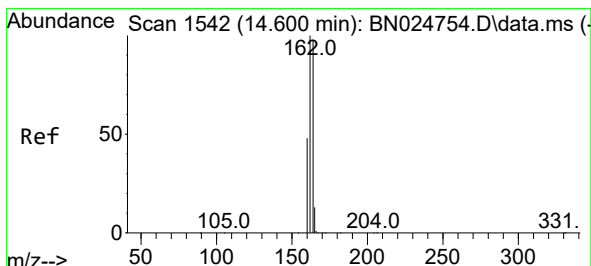
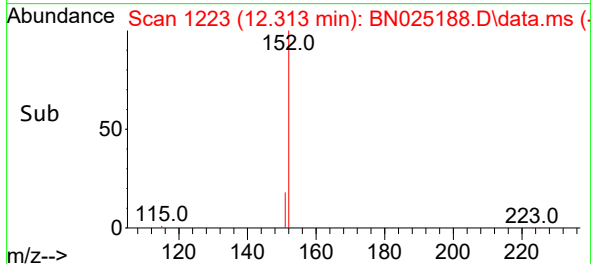
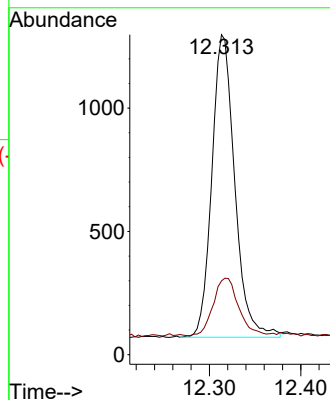
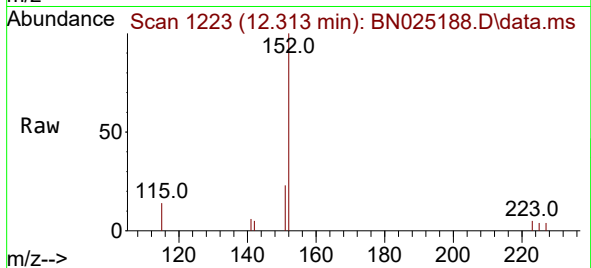
GWOW-06B-40-45-042623-FDDL

Tgt Ion:152 Resp: 2135

Ion Ratio Lower Upper

152 100

151 21.2 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.555 min Scan# 1551

Delta R.T. 0.000 min

Lab File: BN025188.D

Acq: 28 Apr 2023 13:08

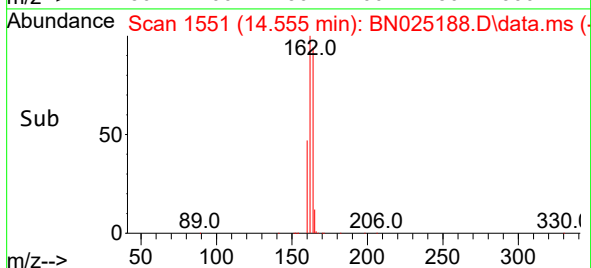
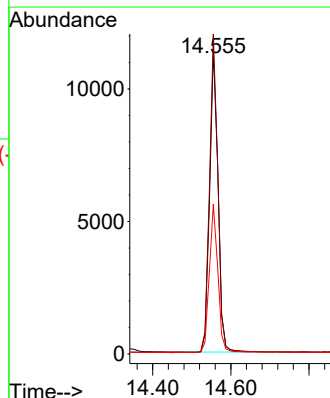
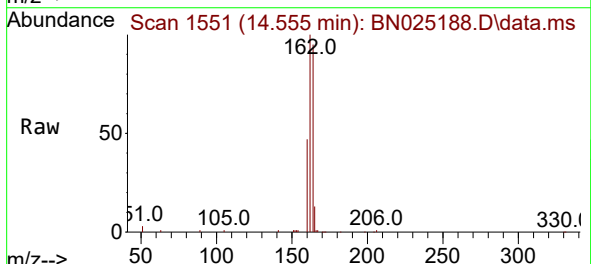
Tgt Ion:164 Resp: 17096

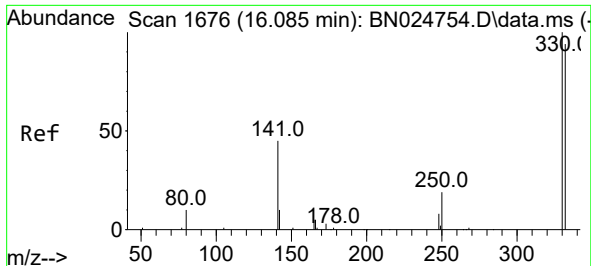
Ion Ratio Lower Upper

164 100

162 105.3 81.9 122.9

160 49.3 39.2 58.8

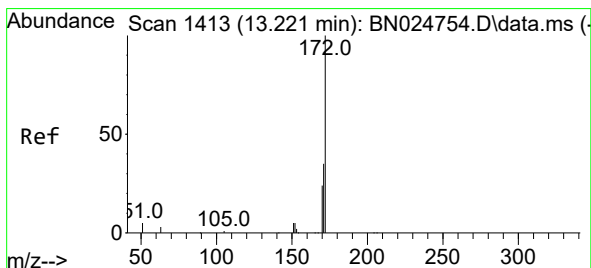
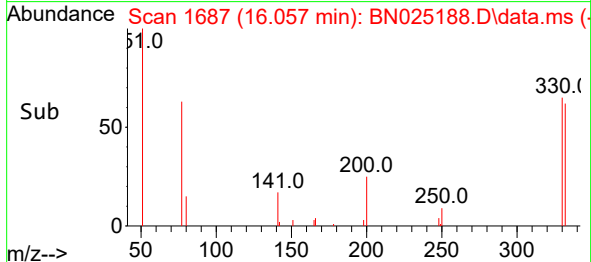
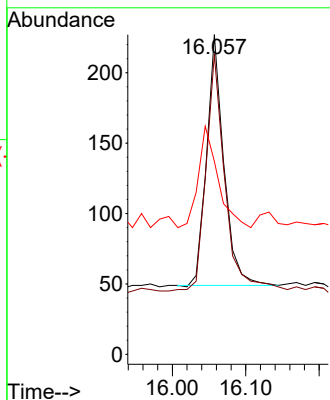
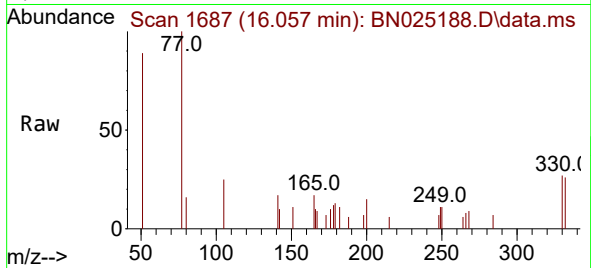




#14  
2,4,6-Tribromophenol  
Concen: 0.038 ng  
RT: 16.057 min Scan# 1  
Delta R.T. 0.013 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

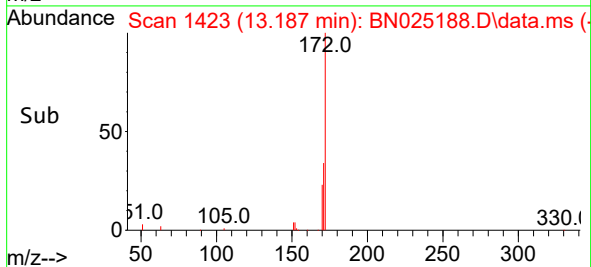
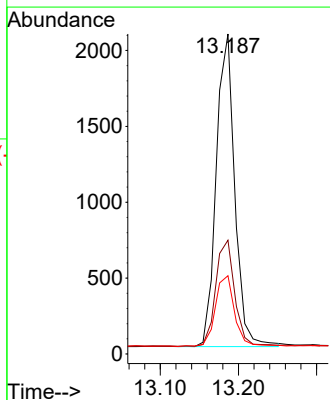
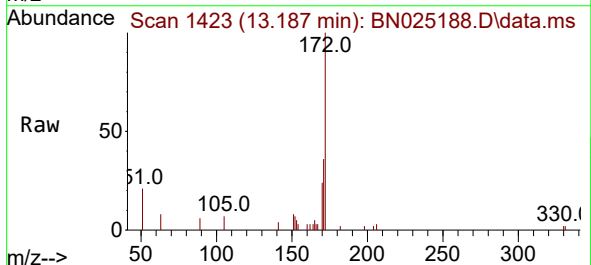
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-06B-40-45-042623-FDDL

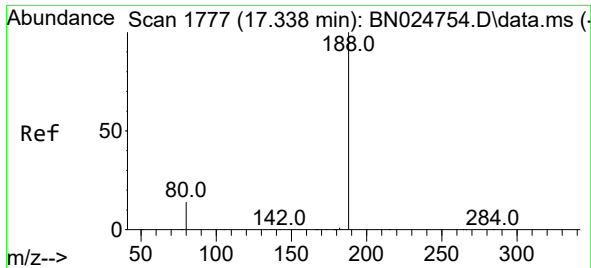
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 290   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 103.4 | 77.9  | 116.9 |
| 141      | 45.9  | 31.0  | 46.6  |



#15  
2-Fluorobiphenyl  
Concen: 0.052 ng  
RT: 13.187 min Scan# 1423  
Delta R.T. 0.011 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 3389  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.6  | 28.2  | 42.2  |
| 170      | 24.5  | 19.2  | 28.8  |

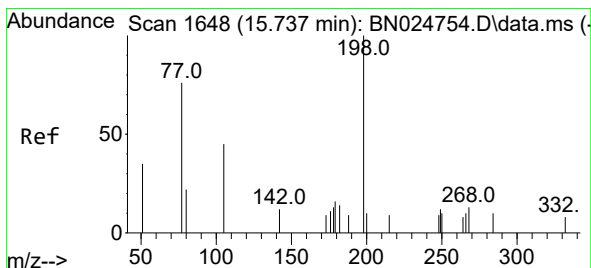
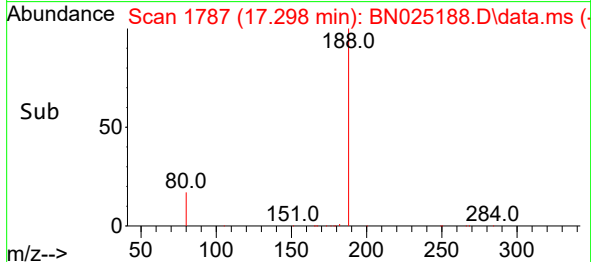
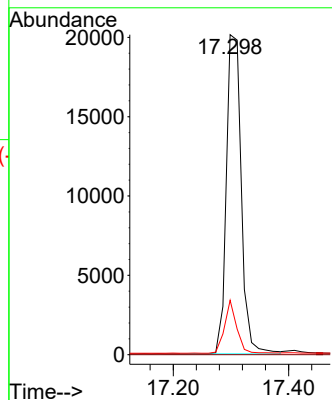
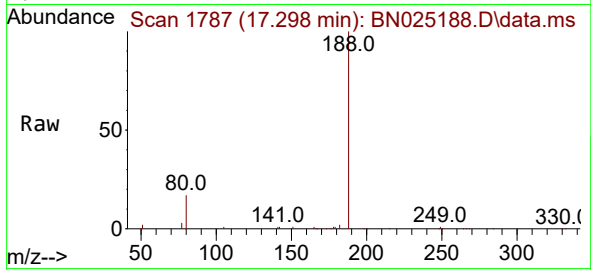




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.298 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

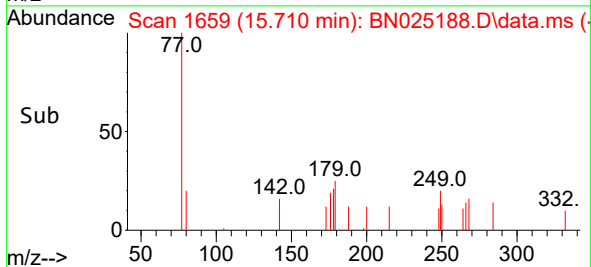
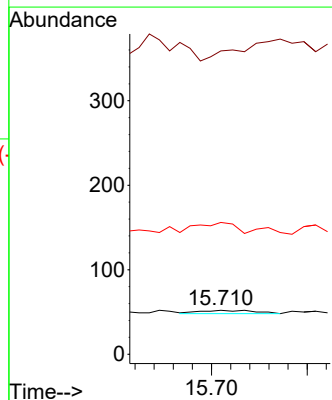
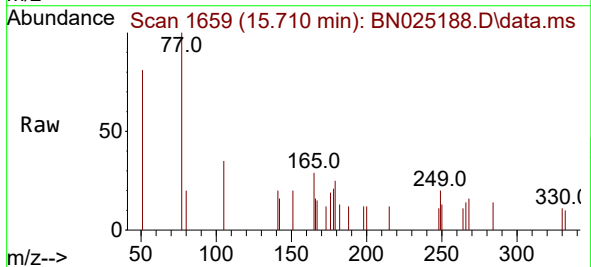
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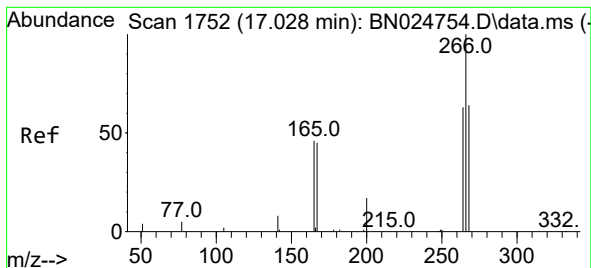
Tgt Ion:188 Resp: 36186  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 17.0 11.3 16.9#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.177 ng  
RT: 15.710 min Scan# 1659  
Delta R.T. 0.011 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

Tgt Ion:198 Resp: 16  
Ion Ratio Lower Upper  
198 100  
51 690.4 99.8 149.8#  
105 300.0 49.4 74.0#





#24

Pentachlorophenol

Concen: 0.222 ng

RT: 16.976 min Scan# 1

Delta R.T. 0.013 min

Lab File: BN025188.D

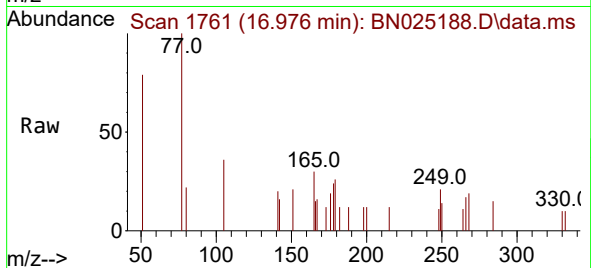
Acq: 28 Apr 2023 13:08

Instrument :

BNA\_N

ClientSampleId :

GWOW-06B-40-45-042623-FDDL



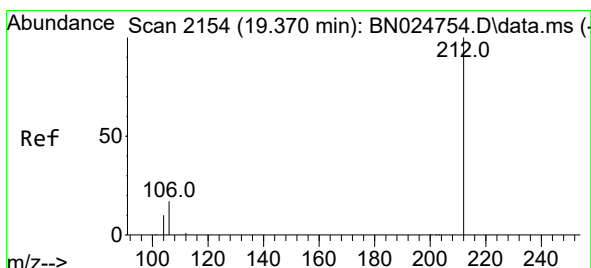
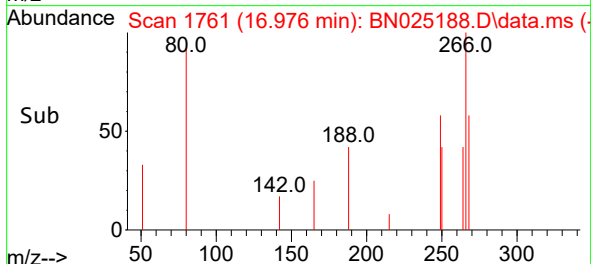
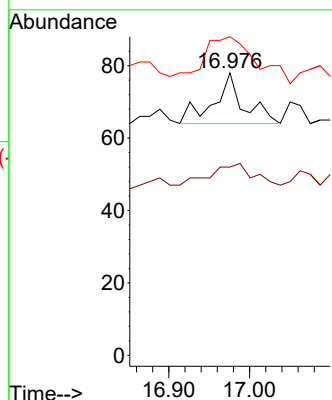
Tgt Ion:266 Resp: 36

Ion Ratio Lower Upper

266 100

264 58.3 46.1 69.1

268 166.7 46.7 70.1#



#27

Fluoranthene-d10

Concen: 0.064 ng

RT: 19.338 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BN025188.D

Acq: 28 Apr 2023 13:08

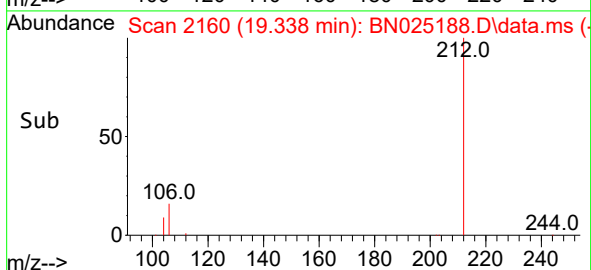
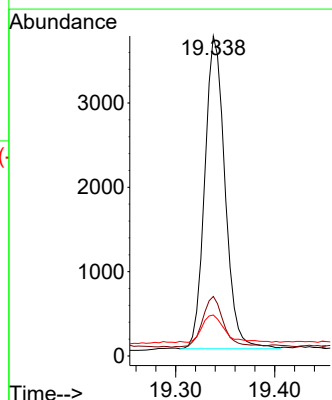
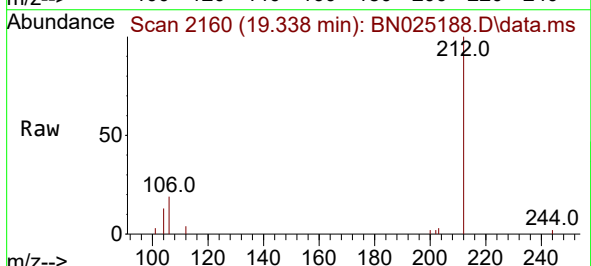
Tgt Ion:212 Resp: 5279

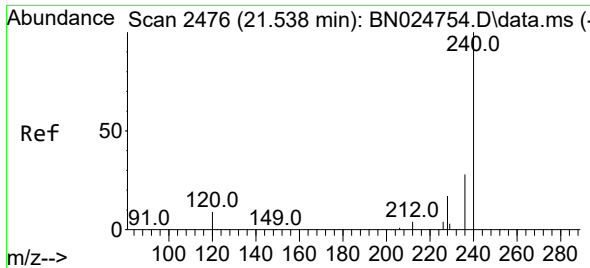
Ion Ratio Lower Upper

212 100

106 16.9 13.2 19.8

104 10.5 7.6 11.4

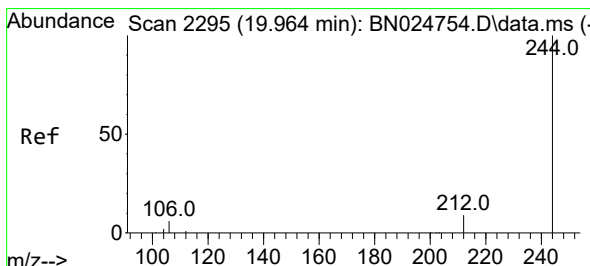
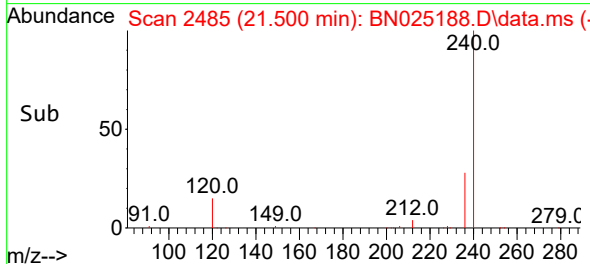
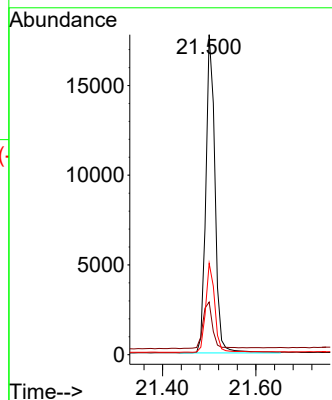
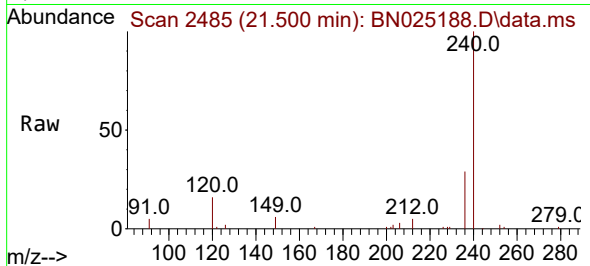




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.500 min Scan# 2476  
Delta R.T. -0.004 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

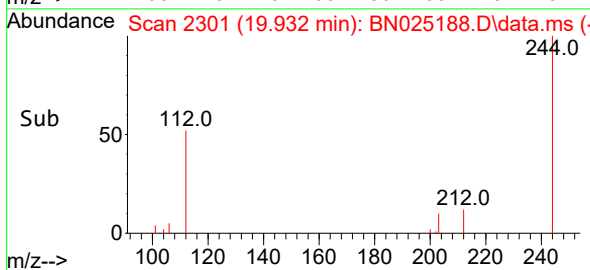
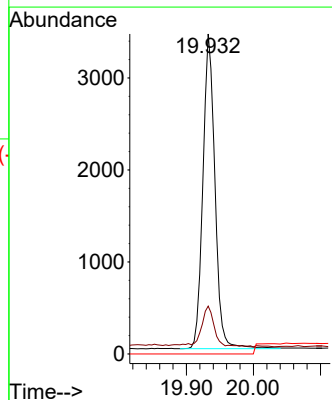
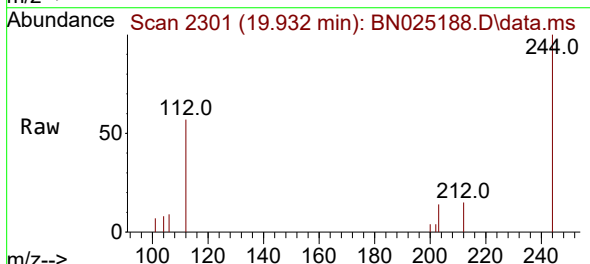
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-06B-40-45-042623-FDDL

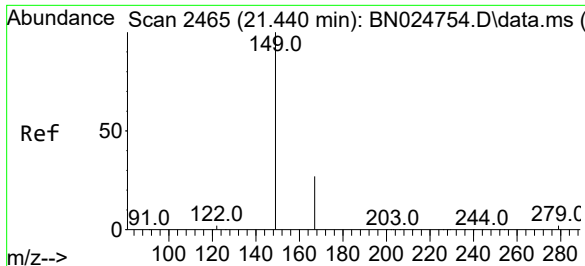
Tgt Ion:240 Resp: 24230  
Ion Ratio Lower Upper  
240 100  
120 16.4 8.8 13.2#  
236 28.5 22.6 34.0



#31  
Terphenyl-d14  
Concen: 0.089 ng  
RT: 19.932 min Scan# 2301  
Delta R.T. 0.000 min  
Lab File: BN025188.D  
Acq: 28 Apr 2023 13:08

Tgt Ion:244 Resp: 4885  
Ion Ratio Lower Upper  
244 100  
212 15.0 7.4 11.0#  
122 0.0 0.0 0.0





#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.047 ng  
 RT: 21.401 min Scan# 2465  
 Delta R.T. -0.004 min  
 Lab File: BN025188.D  
 Acq: 28 Apr 2023 13:08

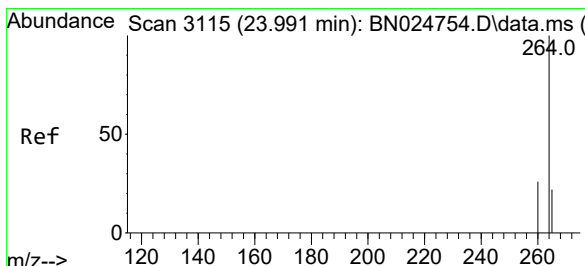
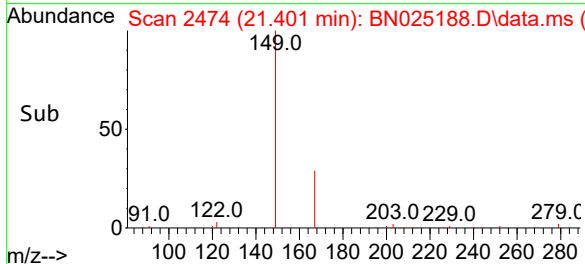
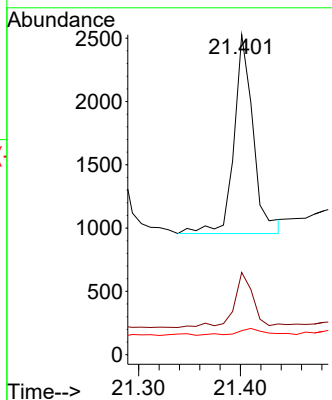
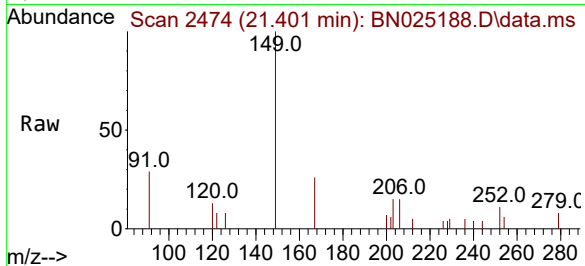
Instrument :

BNA\_N

ClientSampleId :

GWOW-06B-40-45-042623-FDDL

Tgt Ion:149 Resp: 2065  
 Ion Ratio Lower Upper  
 149 100  
 167 28.0 21.4 32.2  
 279 5.5 2.6 4.0#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.942 min Scan# 3112  
 Delta R.T. 0.013 min  
 Lab File: BN025188.D  
 Acq: 28 Apr 2023 13:08

Tgt Ion:264 Resp: 21530  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 20.8 31.2  
 265 46.6 46.5 69.7

