

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072723\  
 Data File : BN026770.D  
 Acq On : 27 Jul 2023 18:21  
 Operator : MA/JU  
 Sample : 03744-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWBR-04-440-455-072423

Quant Time: Jul 27 19:02:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 27 18:29:30 2023  
 Response via : Initial Calibration

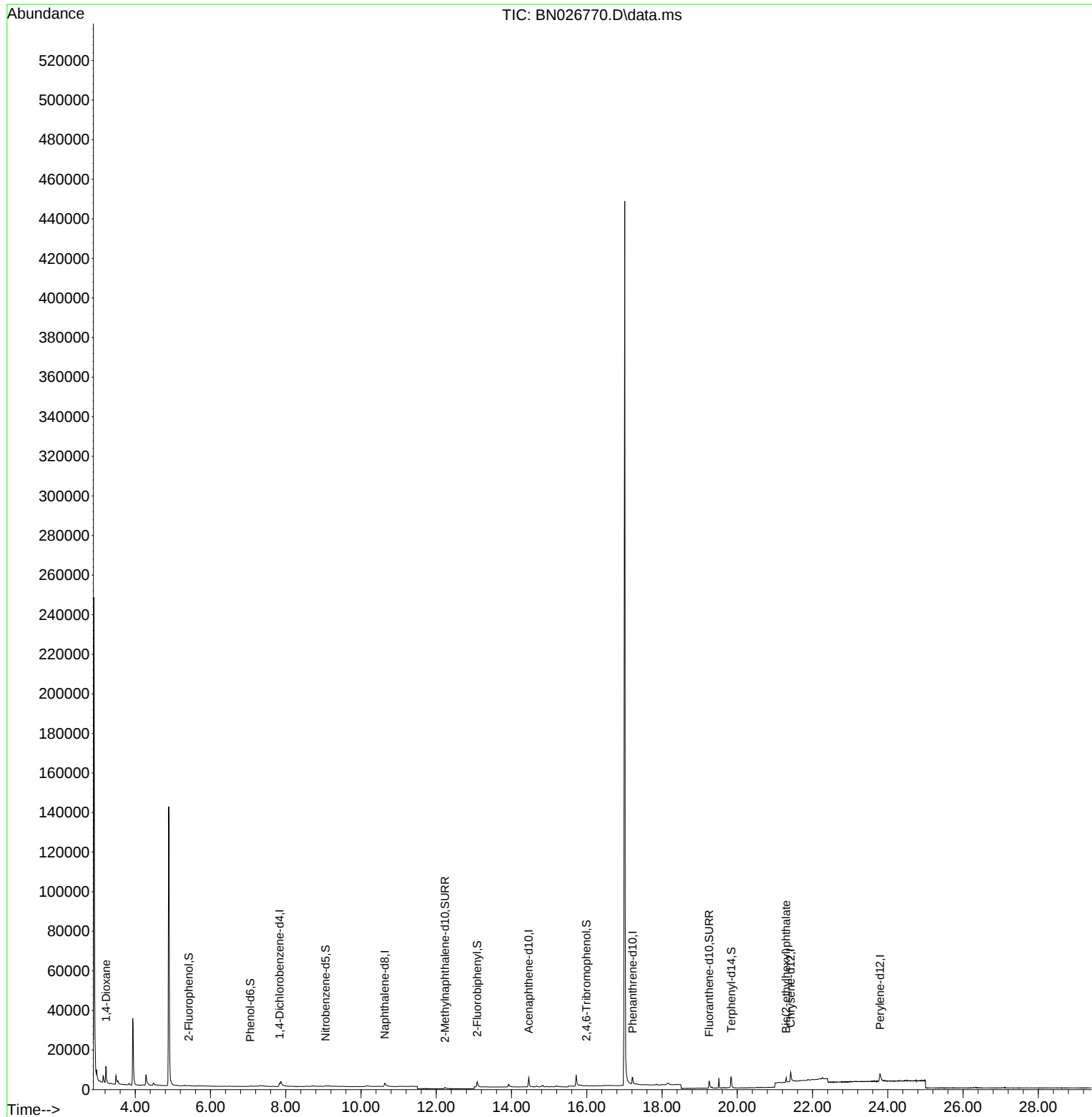
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.835  | 152  | 1622     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.629 | 136  | 4395     | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.459 | 164  | 3252     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.219 | 188  | 7029     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.417 | 240  | 7311     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.791 | 264  | 7681     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.423  | 112  | 379      | 0.096 | ng    | -0.04    |
| 5) Phenol-d6                  | 7.055  | 99   | 179      | 0.036 | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 9.059  | 82   | 976      | 0.260 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.234 | 152  | 1783     | 0.277 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.991 | 330  | 194      | 0.164 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.090 | 172  | 3298     | 0.263 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.254 | 212  | 5541     | 0.372 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.839 | 244  | 6170     | 0.330 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.220  | 88   | 6388     | 3.723 | ng    | # 85     |
| 34) Bis(2-ethylhexyl)phtha... | 21.300 | 149  | 2249     | 0.096 | ng    | # 99     |

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

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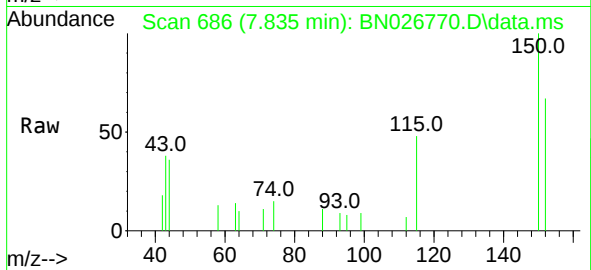
Quant Time: Jul 27 19:02:27 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration





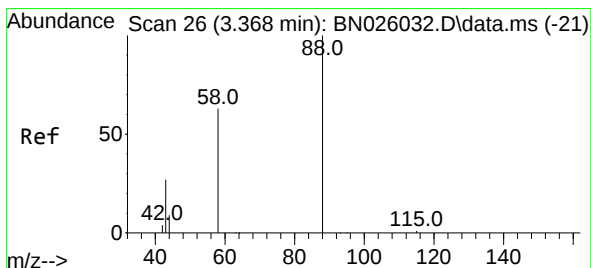
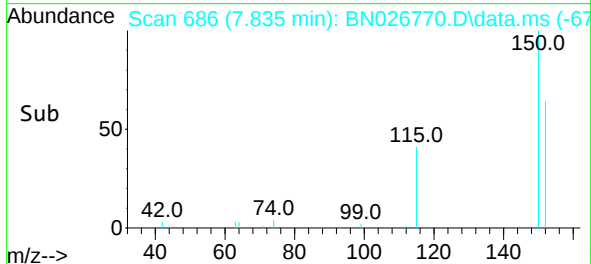
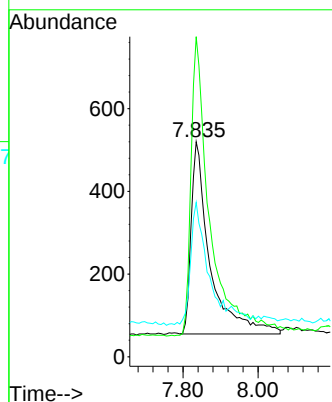
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.835 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN026770.D  
 Acq: 27 Jul 2023 18:21

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWBR-04-440-455-072423



Tgt Ion:152 Resp: 1622

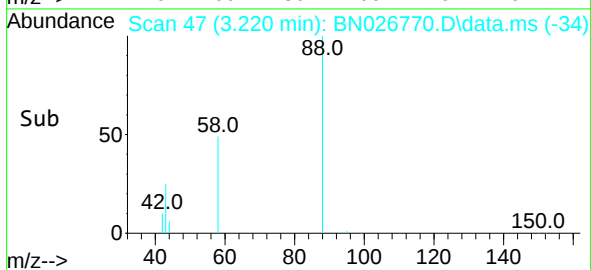
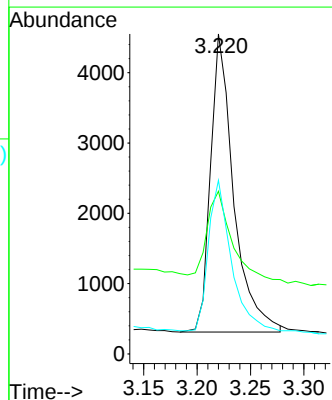
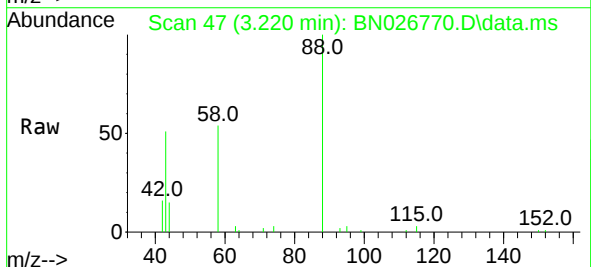
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 148.8 | 124.7 | 187.1 |
| 115 | 71.7  | 48.2  | 72.4  |

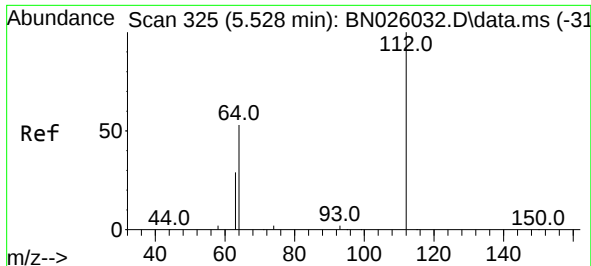


#2  
 1,4-Dioxane  
 Concen: 3.723 ng  
 RT: 3.220 min Scan# 47  
 Delta R.T. -0.007 min  
 Lab File: BN026770.D  
 Acq: 27 Jul 2023 18:21

Tgt Ion: 88 Resp: 6388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 31.1  | 24.2  | 36.4  |
| 58  | 49.5  | 53.3  | 79.9  |





#4

2-Fluorophenol

Concen: 0.096 ng

RT: 5.423 min Scan# 31

Delta R.T. -0.036 min

Lab File: BN026770.D

Acq: 27 Jul 2023 18:21

Instrument :

BNA\_N

ClientSampleId :

GWBR-04-440-455-072423

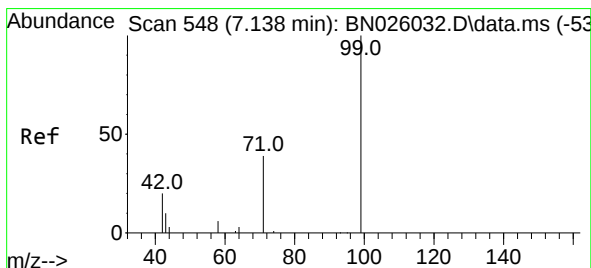
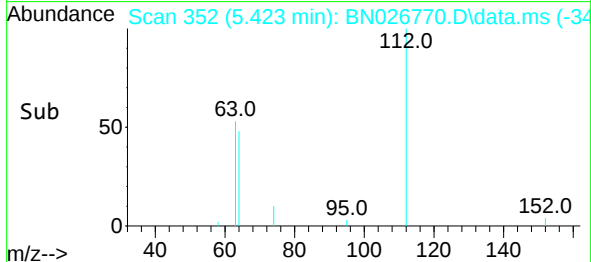
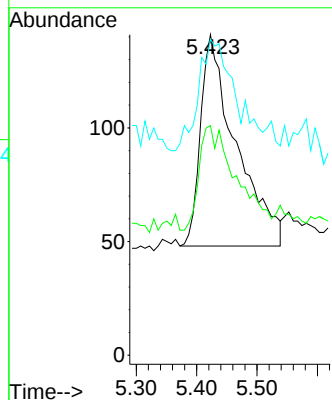
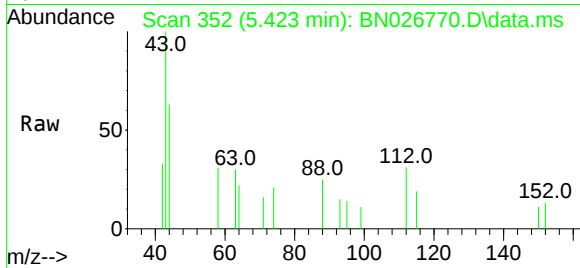
Tgt Ion:112 Resp: 379

Ion Ratio Lower Upper

112 100

64 51.7 45.8 68.6

63 48.8 27.4 41.2#



#5

Phenol-d6

Concen: 0.036 ng

RT: 7.055 min Scan# 578

Delta R.T. -0.015 min

Lab File: BN026770.D

Acq: 27 Jul 2023 18:21

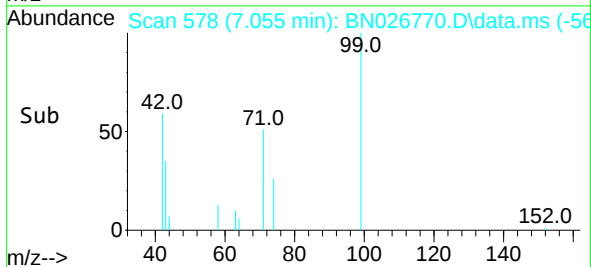
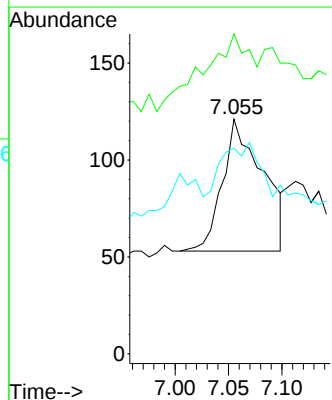
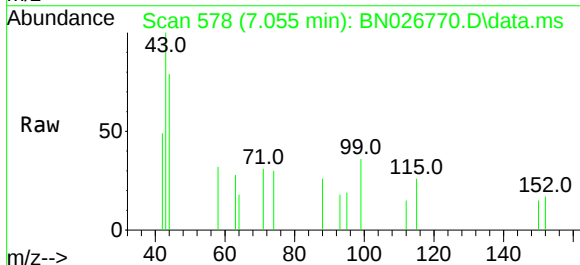
Tgt Ion: 99 Resp: 179

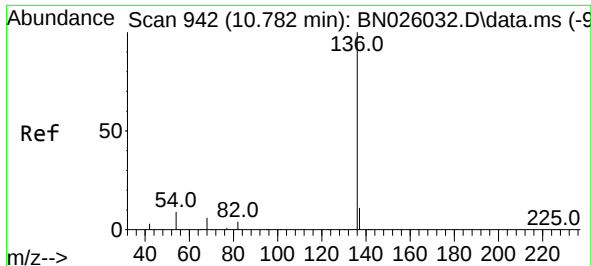
Ion Ratio Lower Upper

99 100

42 70.9 18.4 27.6#

71 54.7 30.6 46.0#

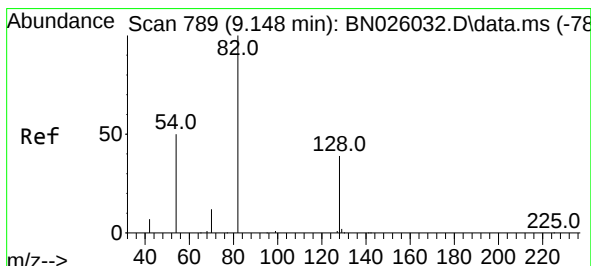
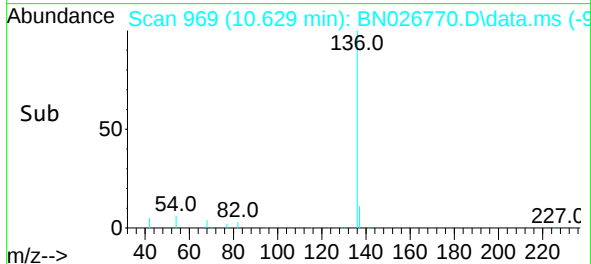
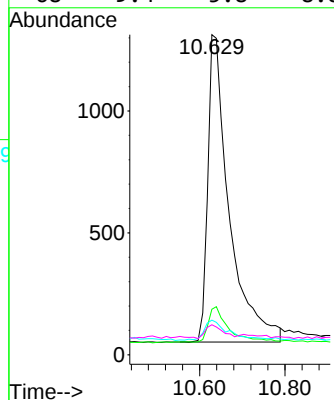
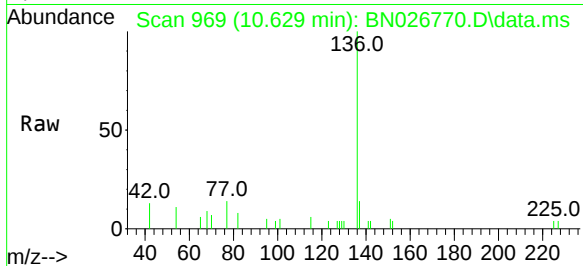




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.629 min Scan# 90  
Delta R.T. -0.011 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

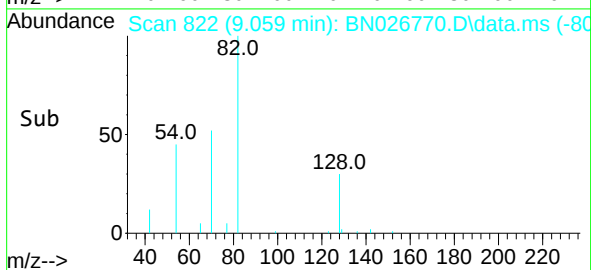
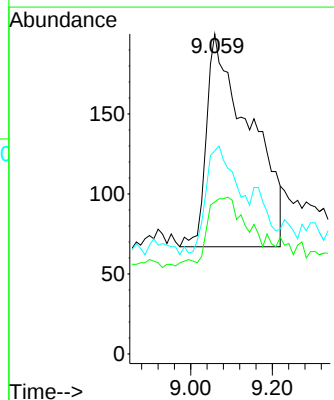
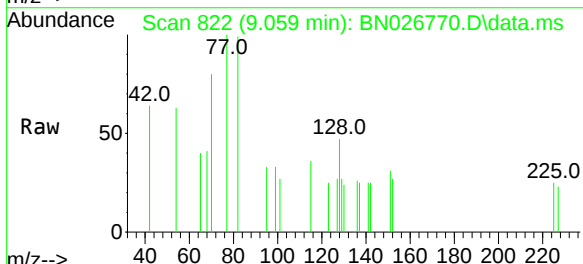
Instrument :  
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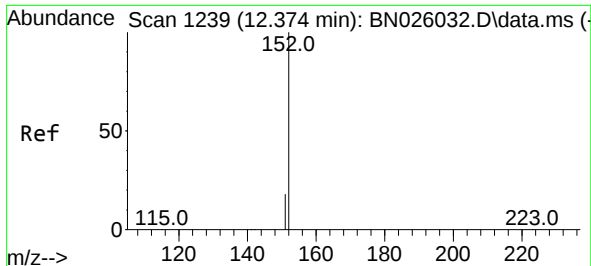
Tgt Ion:136 Resp: 4395  
Ion Ratio Lower Upper  
136 100  
137 14.2 9.0 13.4#  
54 10.8 7.8 11.6  
68 9.4 5.8 8.8#



#8  
Nitrobenzene-d5  
Concen: 0.260 ng  
RT: 9.059 min Scan# 822  
Delta R.T. -0.011 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

Tgt Ion: 82 Resp: 976  
Ion Ratio Lower Upper  
82 100  
128 47.5 33.4 50.2  
54 63.5 41.7 62.5#

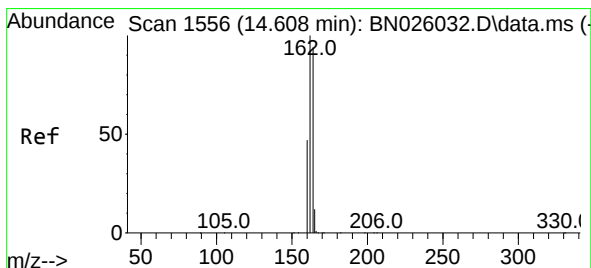
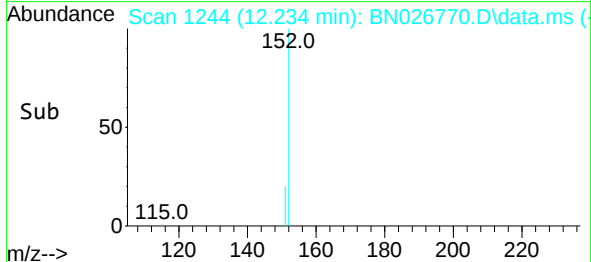
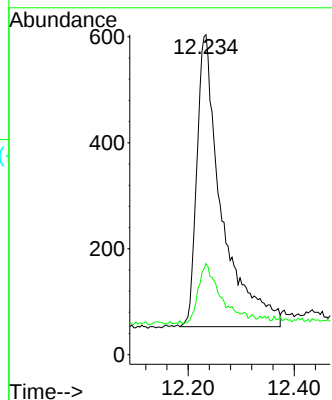
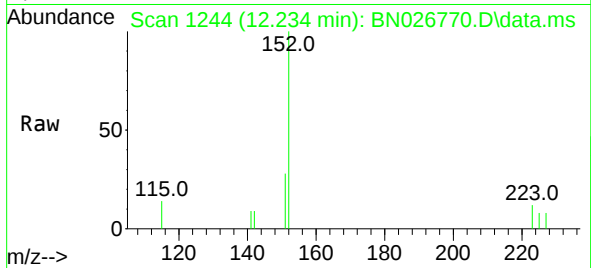




#11  
2-Methylnaphthalene-d10  
Concen: 0.277 ng  
RT: 12.234 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

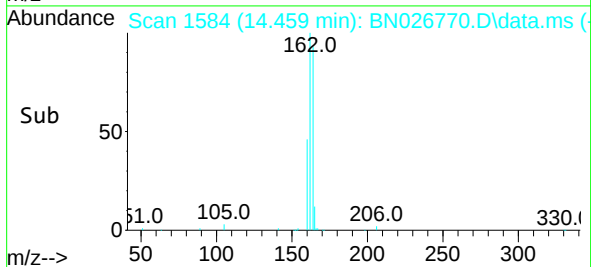
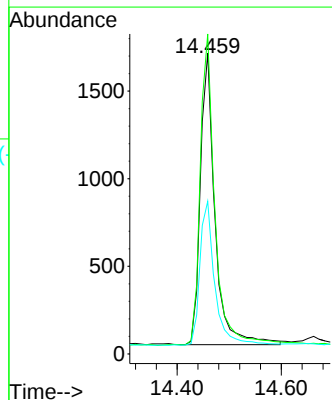
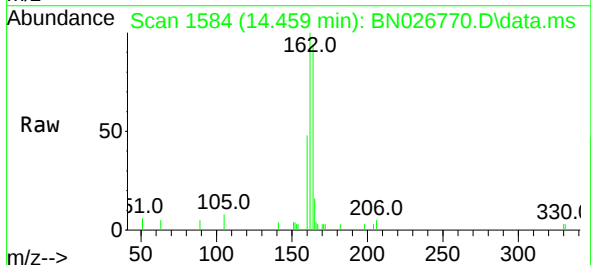
Instrument :  
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ClientSampleId :  
GWBR-04-440-455-072423

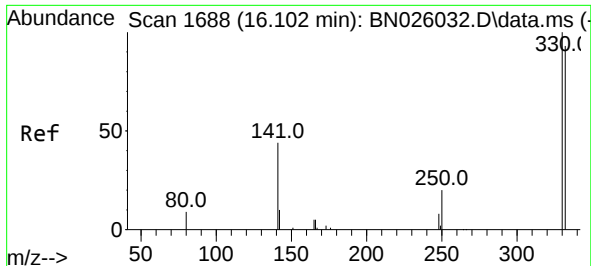
Tgt Ion:152 Resp: 1783  
Ion Ratio Lower Upper  
152 100  
151 17.3 16.2 24.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.459 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

Tgt Ion:164 Resp: 3252  
Ion Ratio Lower Upper  
164 100  
162 106.4 85.3 127.9  
160 50.8 40.0 60.0

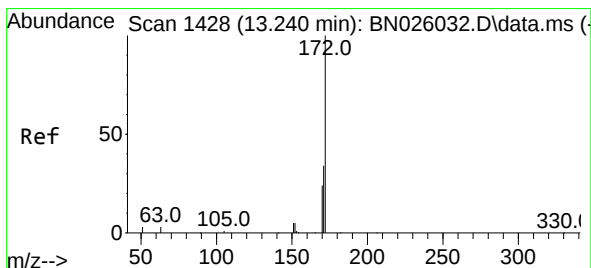
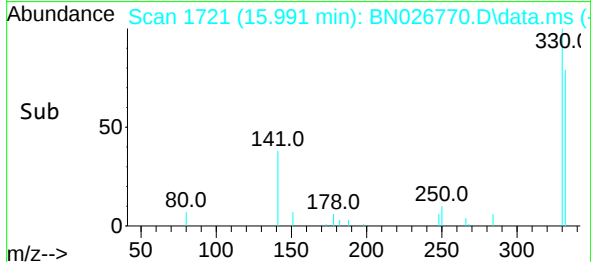
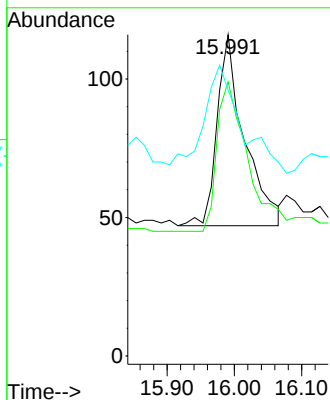
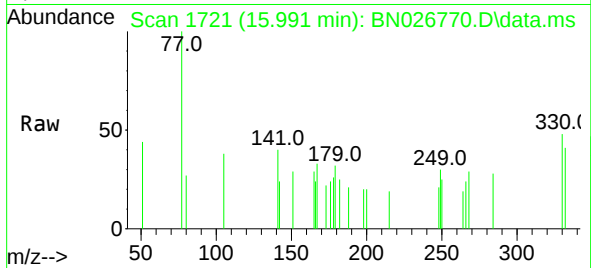




#14  
2,4,6-Tribromophenol  
Concen: 0.164 ng  
RT: 15.991 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

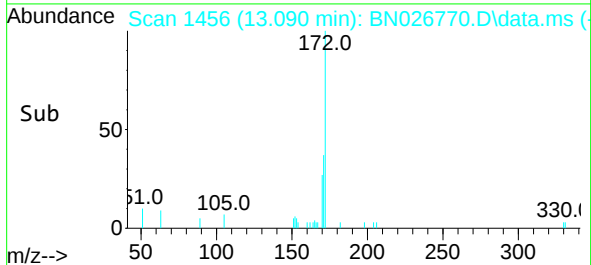
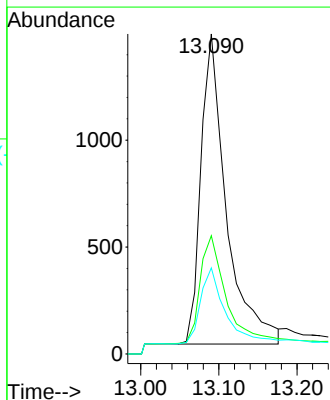
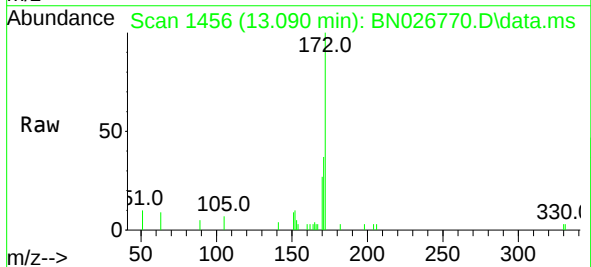
Instrument :  
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ClientSampleId :  
GWBR-04-440-455-072423

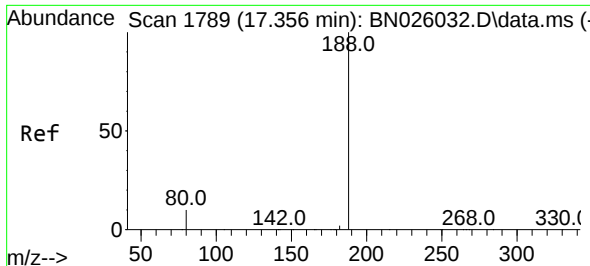
Tgt Ion:330 Resp: 194  
Ion Ratio Lower Upper  
330 100  
332 88.1 76.0 114.0  
141 74.2 42.8 64.2#



#15  
2-Fluorobiphenyl  
Concen: 0.263 ng  
RT: 13.090 min Scan# 1456  
Delta R.T. -0.011 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

Tgt Ion:172 Resp: 3298  
Ion Ratio Lower Upper  
172 100  
171 36.9 27.8 41.8  
170 26.9 19.3 28.9

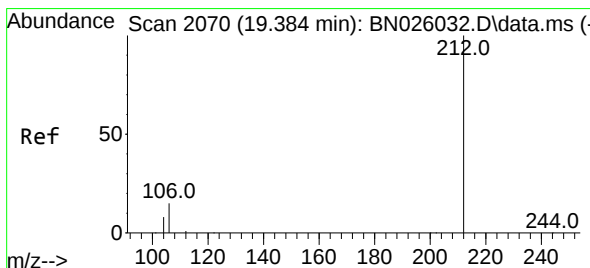
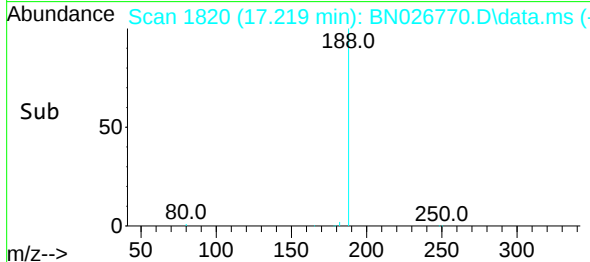
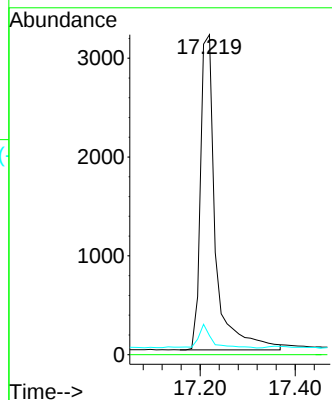
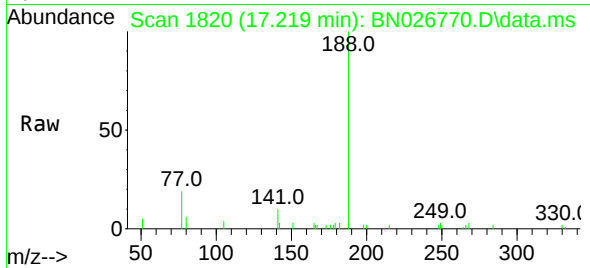




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.219 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

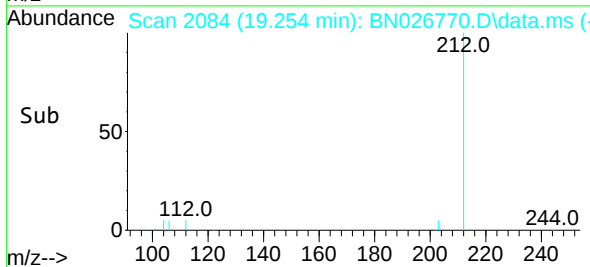
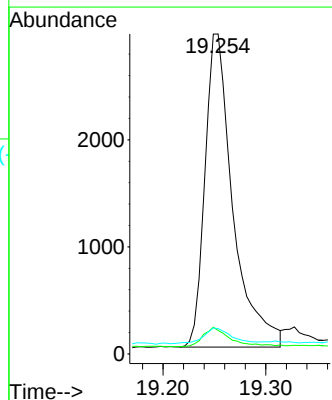
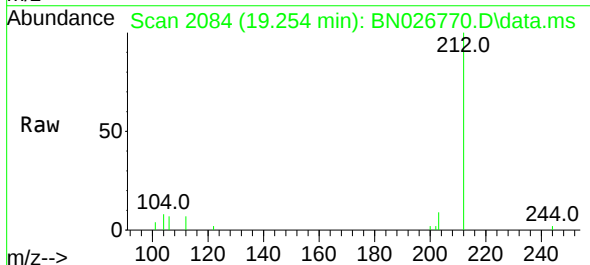
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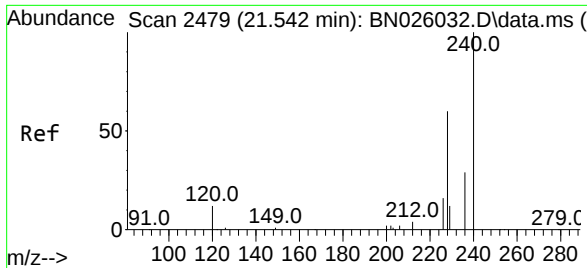
Tgt Ion:188 Resp: 7029  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.0 8.6 13.0#



#27  
Fluoranthene-d10  
Concen: 0.372 ng  
RT: 19.254 min Scan# 2084  
Delta R.T. -0.000 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

Tgt Ion:212 Resp: 5541  
Ion Ratio Lower Upper  
212 100  
106 6.1 11.6 17.4#  
104 5.0 7.2 10.8#

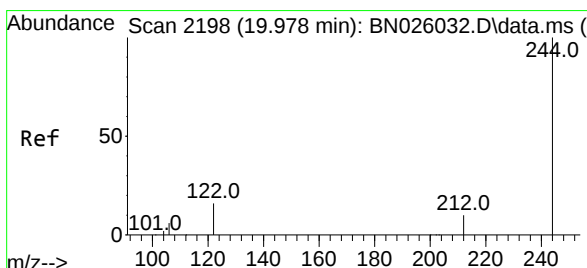
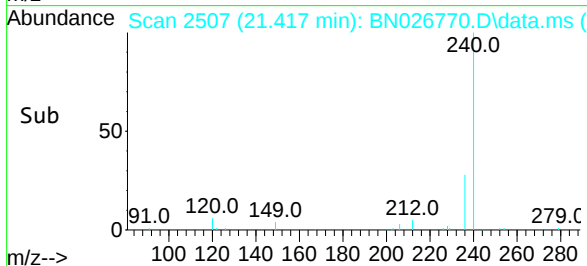
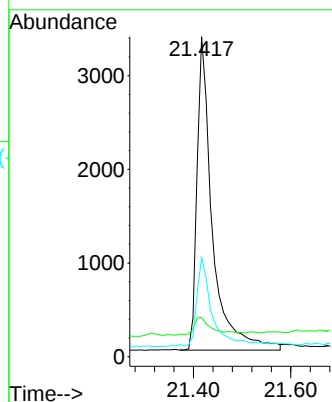
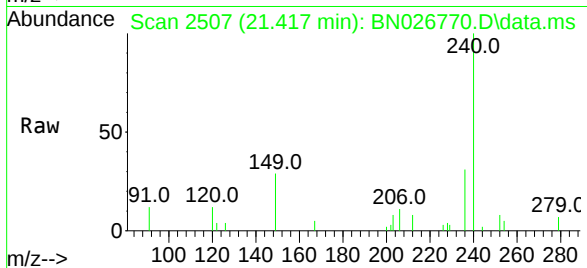




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.417 min Scan# 2110  
Delta R.T. -0.009 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

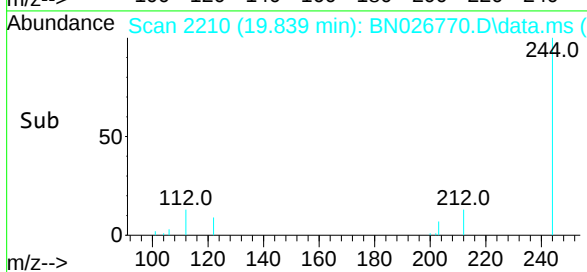
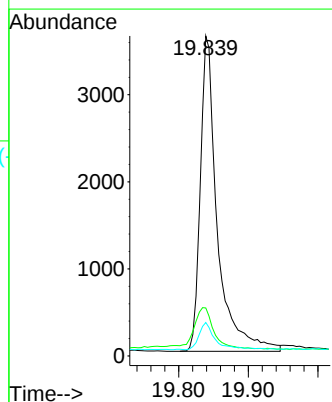
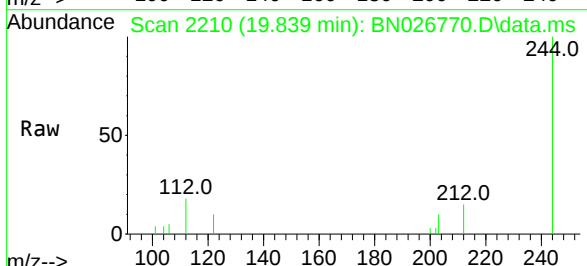
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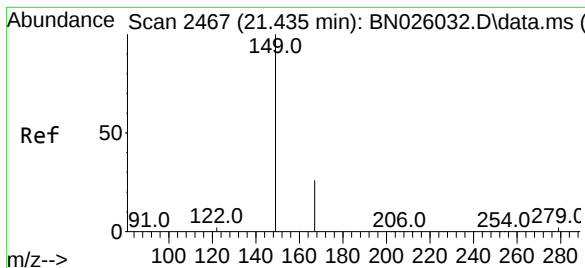
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Ion Ratio Lower Upper  
240 100  
120 12.3 14.6 22.0#  
236 30.9 24.2 36.2



#31  
Terphenyl-d14  
Concen: 0.330 ng  
RT: 19.839 min Scan# 2210  
Delta R.T. -0.014 min  
Lab File: BN026770.D  
Acq: 27 Jul 2023 18:21

Tgt Ion:244 Resp: 6170  
Ion Ratio Lower Upper  
244 100  
212 15.0 8.7 13.1#  
122 10.4 13.7 20.5#

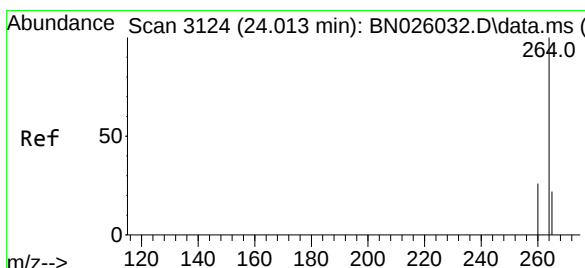
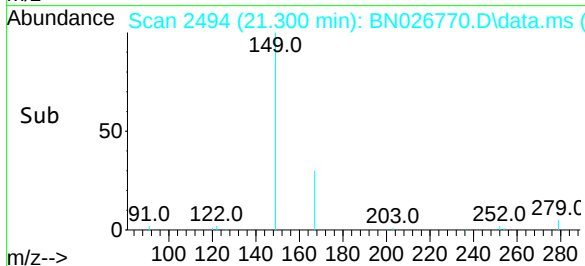
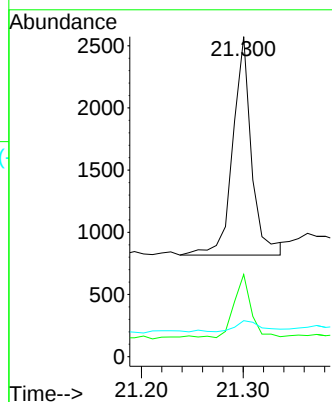
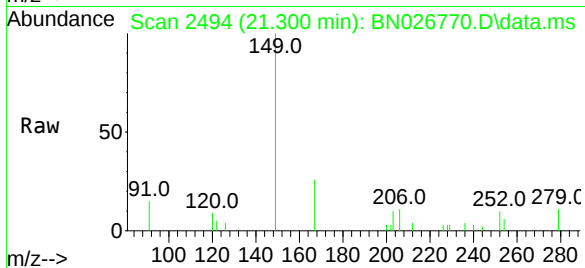




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.096 ng  
 RT: 21.300 min Scan# 2467  
 Delta R.T. -0.009 min  
 Lab File: BN026770.D  
 Acq: 27 Jul 2023 18:21

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWBR-04-440-455-072423

Tgt Ion:149 Resp: 2249  
 Ion Ratio Lower Upper  
 149 100  
 167 25.2 20.2 30.4  
 279 6.8 2.4 3.6#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.791 min Scan# 3090  
 Delta R.T. -0.012 min  
 Lab File: BN026770.D  
 Acq: 27 Jul 2023 18:21

Tgt Ion:264 Resp: 7681  
 Ion Ratio Lower Upper  
 264 100  
 260 28.3 21.9 32.9  
 265 113.9 80.3 120.5

