

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100322\  
 Data File : BN021992.D  
 Acq On : 04 Oct 2022 01:23  
 Operator : CG/JU  
 Sample : N4913-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWOW-BR-02-182-202-092922

Quant Time: Oct 04 02:06:22 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 04 01:32:21 2022  
 Response via : Initial Calibration

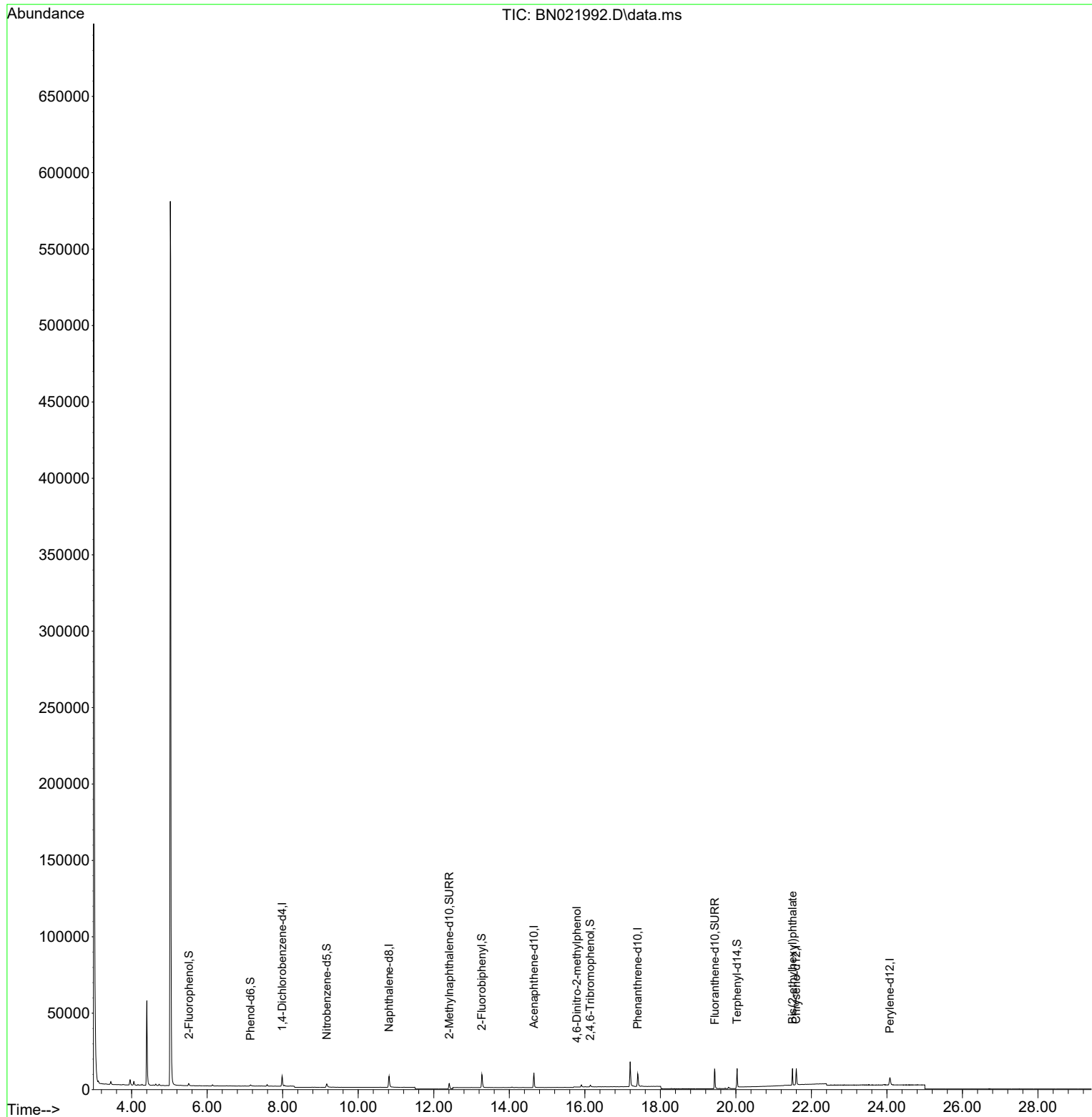
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.985  | 152  | 3654     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.816 | 136  | 11121    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.653 | 164  | 5713     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.400 | 188  | 12091    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.600 | 240  | 10156    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.078 | 264  | 7882     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.515  | 112  | 1288     | 0.152 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.148  | 99   | 939      | 0.085 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.172  | 82   | 2761     | 0.309 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.410 | 152  | 7090     | 0.347 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.146 | 330  | 734      | 0.337 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.274 | 172  | 8606     | 0.345 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.441 | 212  | 14756    | 0.459 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.032 | 244  | 9038     | 0.443 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 20) 4,6-Dinitro-2-methylph... | 15.786 | 198  | 2        | 0.193 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.501 | 149  | 10383    | 0.567 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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QLast Update : Tue Oct 04 01:32:21 2022  
Response via : Initial Calibration

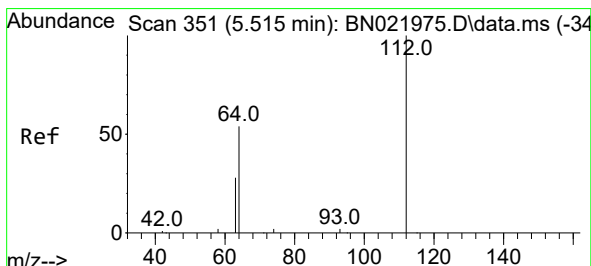
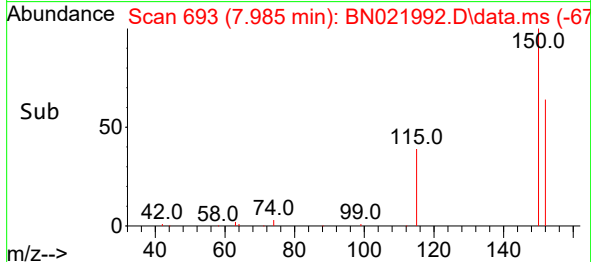
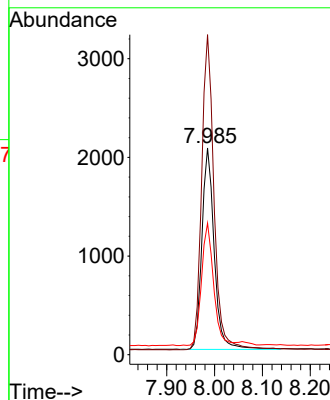
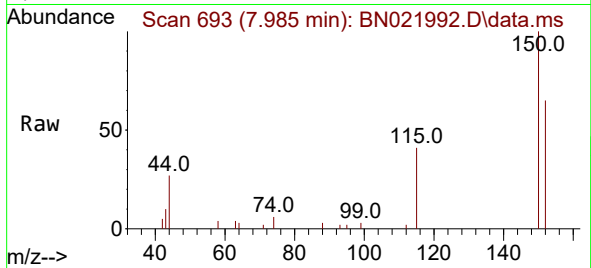




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.985 min Scan# 693  
 Delta R.T. 0.000 min  
 Lab File: BN021992.D  
 Acq: 04 Oct 2022 01:23

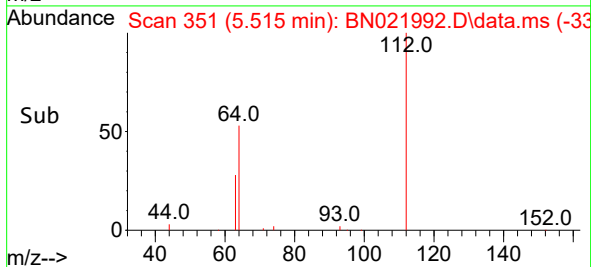
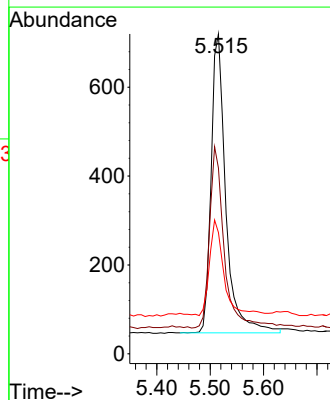
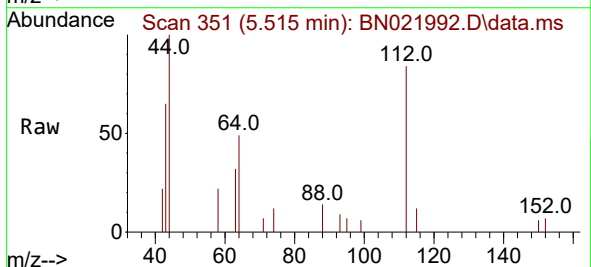
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWOW-BR-02-182-202-092922

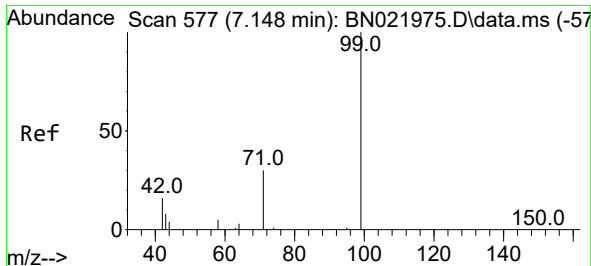
Tgt Ion:152 Resp: 3654  
 Ion Ratio Lower Upper  
 152 100  
 150 154.8 127.2 190.8  
 115 63.6 51.4 77.0



#4  
 2-Fluorophenol  
 Concen: 0.152 ng  
 RT: 5.515 min Scan# 351  
 Delta R.T. -0.000 min  
 Lab File: BN021992.D  
 Acq: 04 Oct 2022 01:23

Tgt Ion:112 Resp: 1288  
 Ion Ratio Lower Upper  
 112 100  
 64 61.1 46.9 70.3  
 63 30.0 24.6 37.0

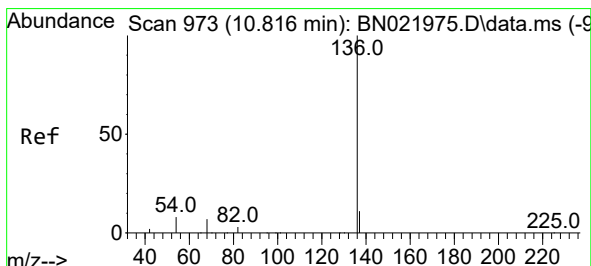
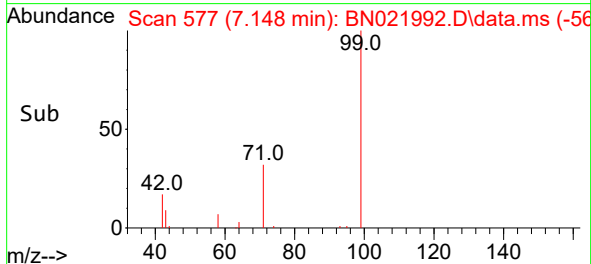
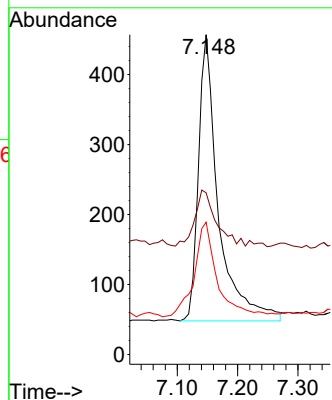
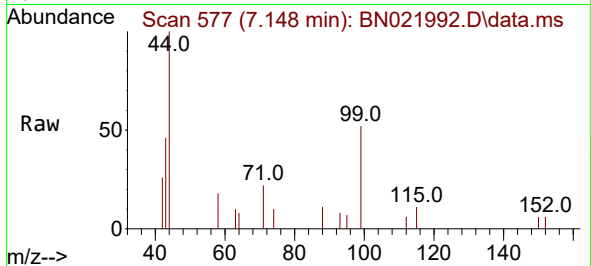




#5  
Phenol-d6  
Concen: 0.085 ng  
RT: 7.148 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

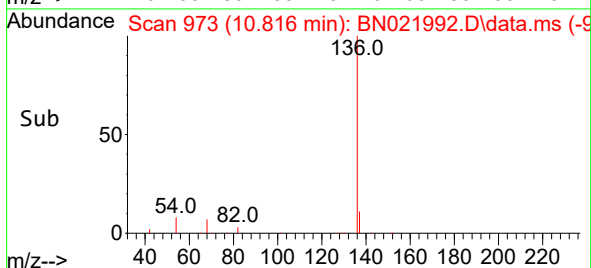
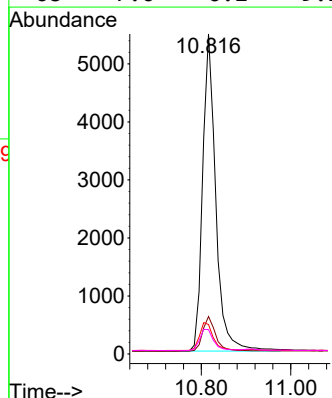
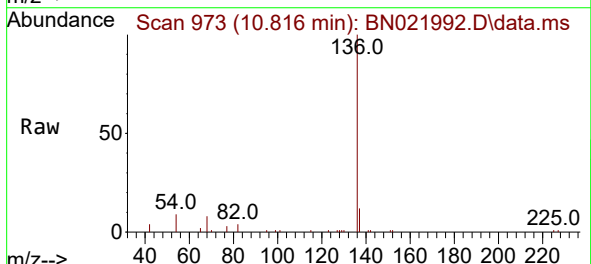
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-02-182-202-092922

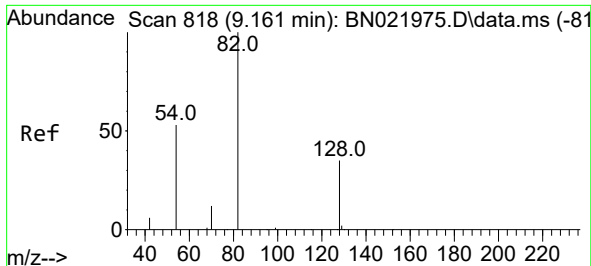
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 939   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.7  | 15.9  | 23.9  |
| 71       | 38.3  | 25.6  | 38.4  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.816 min Scan# 973  
Delta R.T. -0.000 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11121 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.2   | 13.8  |
| 54       | 9.2   | 7.1   | 10.7  |
| 68       | 7.6   | 6.2   | 9.2   |

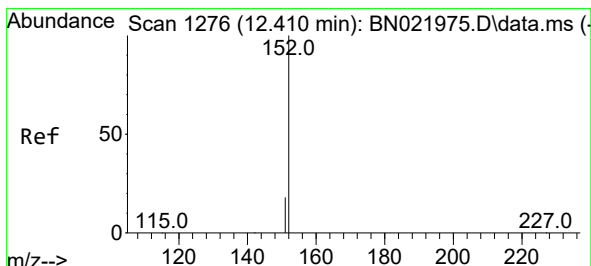
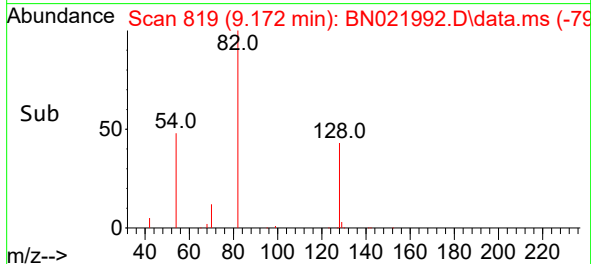
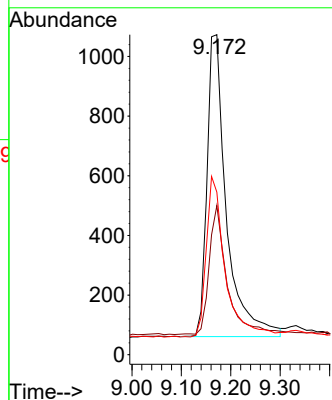
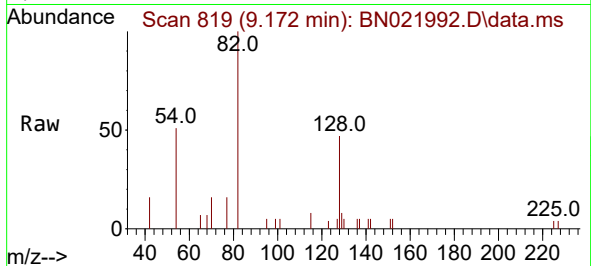




#8  
Nitrobenzene-d5  
Concen: 0.309 ng  
RT: 9.172 min Scan# 818  
Delta R.T. 0.011 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

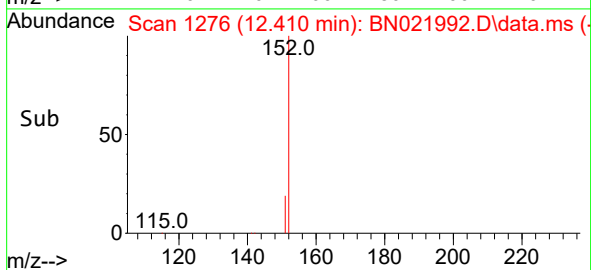
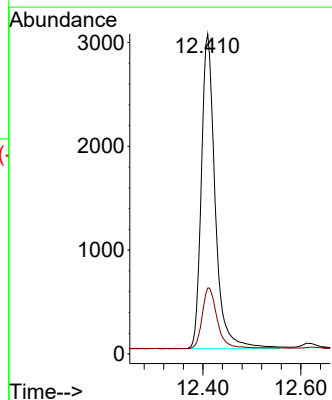
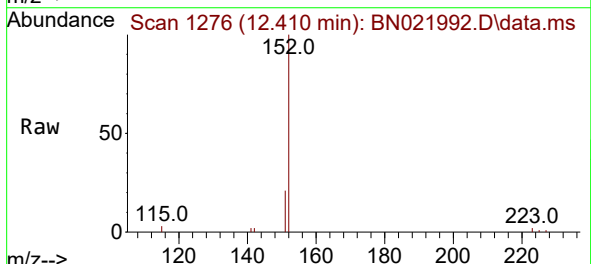
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-02-182-202-092922

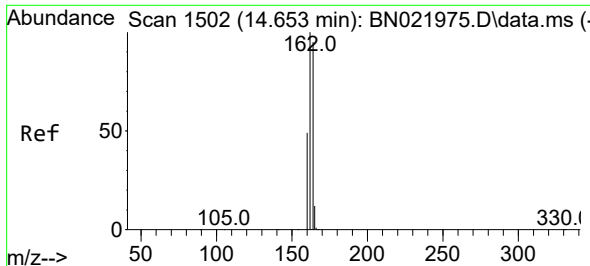
Tgt Ion: 82 Resp: 2761  
Ion Ratio Lower Upper  
82 100  
128 46.6 29.9 44.9#  
54 50.8 43.5 65.3



#11  
2-Methylnaphthalene-d10  
Concen: 0.347 ng  
RT: 12.410 min Scan# 1276  
Delta R.T. -0.000 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

Tgt Ion: 152 Resp: 7090  
Ion Ratio Lower Upper  
152 100  
151 22.1 13.8 20.6#

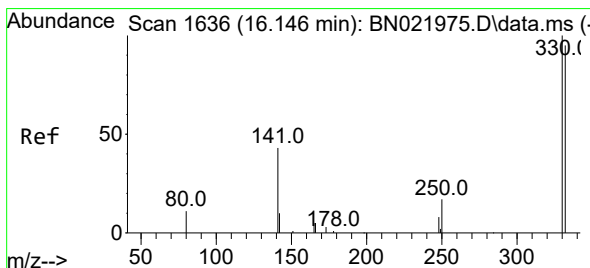
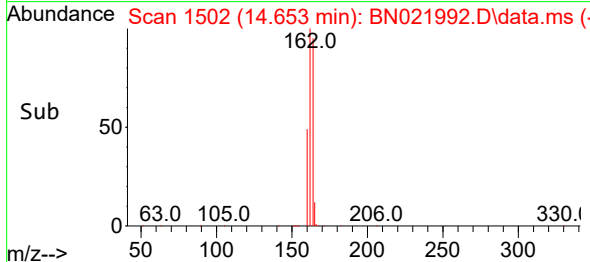
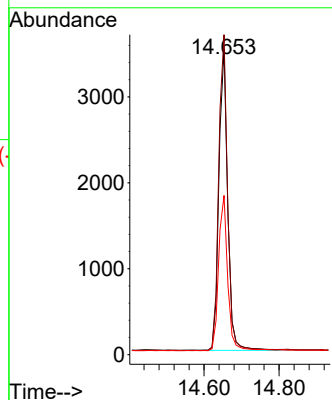
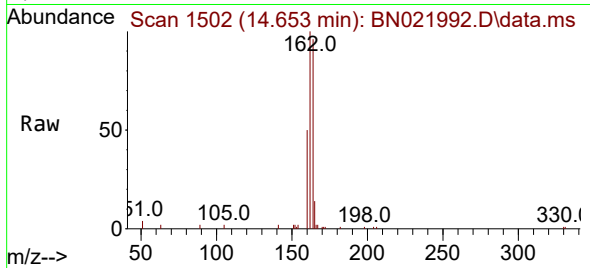




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.653 min Scan# 1502  
Delta R.T. -0.000 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

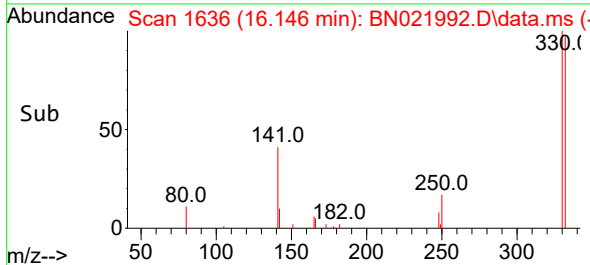
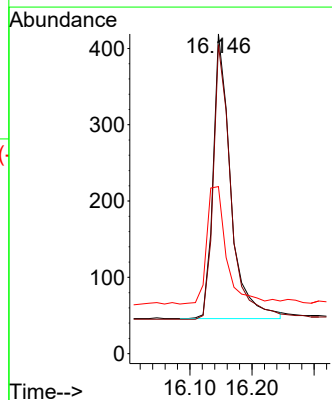
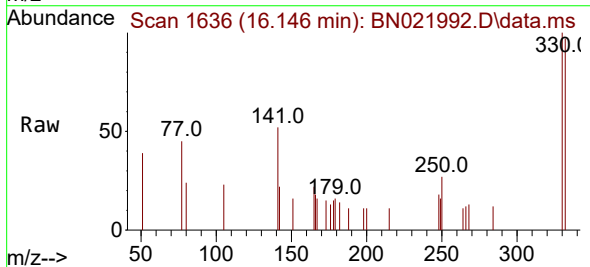
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-02-182-202-092922

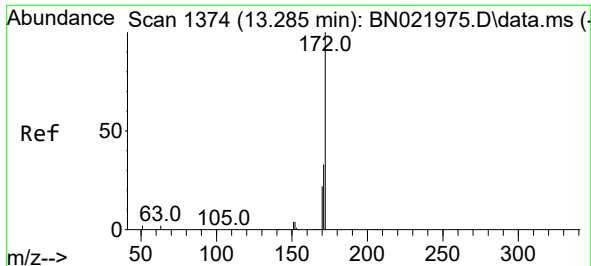
Tgt Ion:164 Resp: 5713  
Ion Ratio Lower Upper  
164 100  
162 104.6 84.3 126.5  
160 52.0 41.7 62.5



#14  
2,4,6-Tribromophenol  
Concen: 0.337 ng  
RT: 16.146 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

Tgt Ion:330 Resp: 734  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.0 115.4  
141 47.0 35.3 52.9





#15

2-Fluorobiphenyl

Concen: 0.345 ng

RT: 13.274 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN021992.D

Acq: 04 Oct 2022 01:23

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-02-182-202-092922

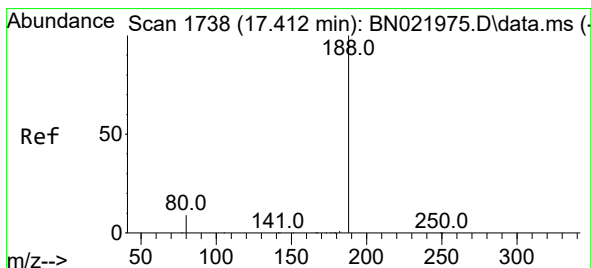
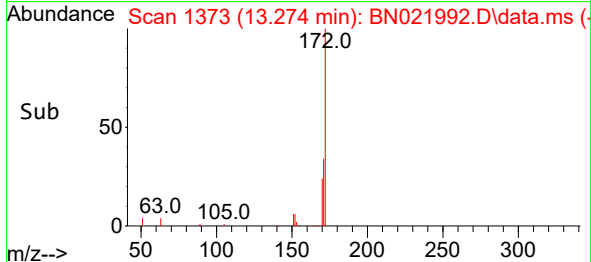
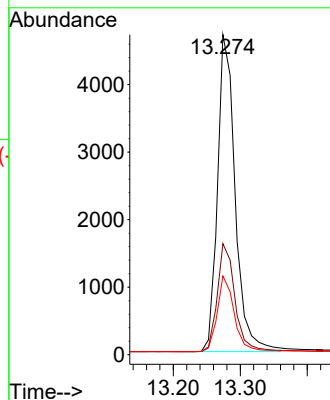
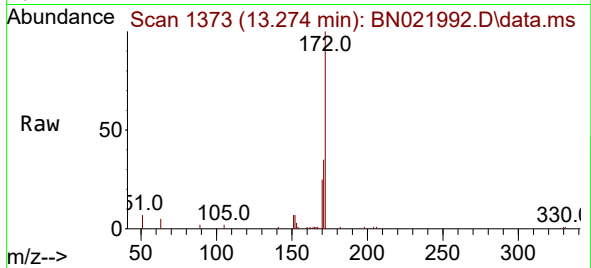
Tgt Ion:172 Resp: 8606

Ion Ratio Lower Upper

172 100

171 34.7 27.2 40.8

170 24.6 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 1737

Delta R.T. -0.012 min

Lab File: BN021992.D

Acq: 04 Oct 2022 01:23

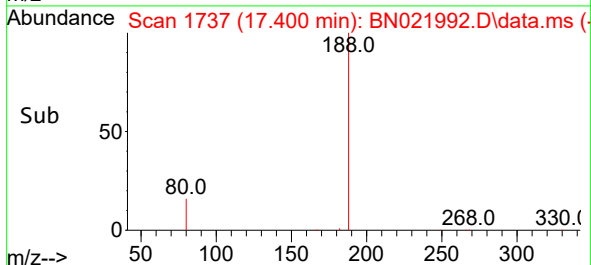
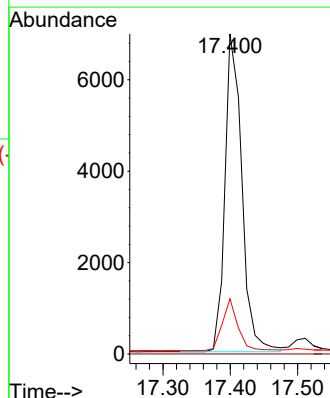
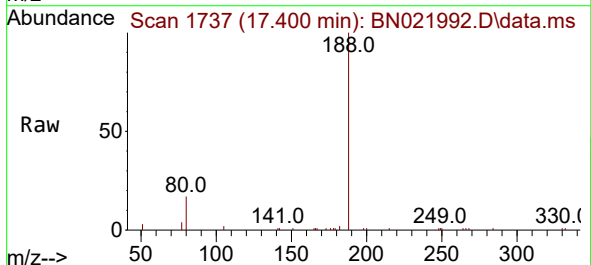
Tgt Ion:188 Resp: 12091

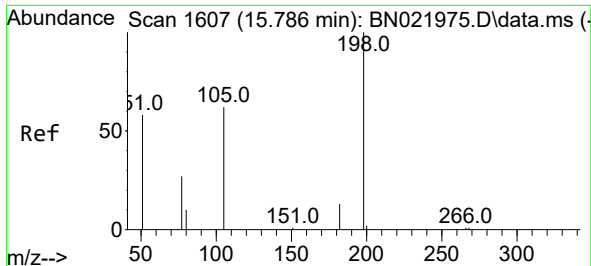
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.3 7.5 11.3#

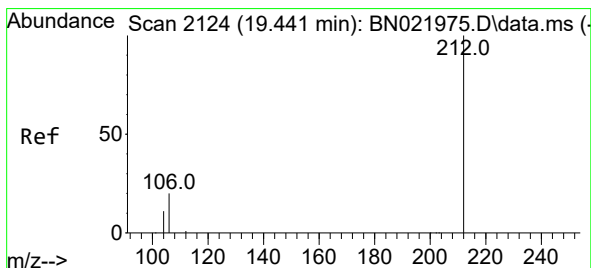
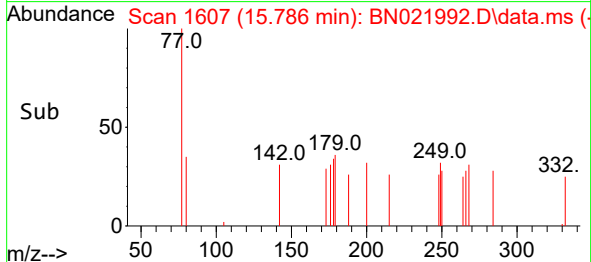
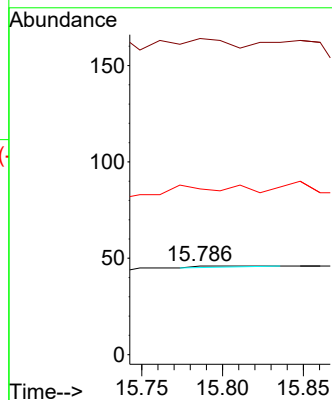
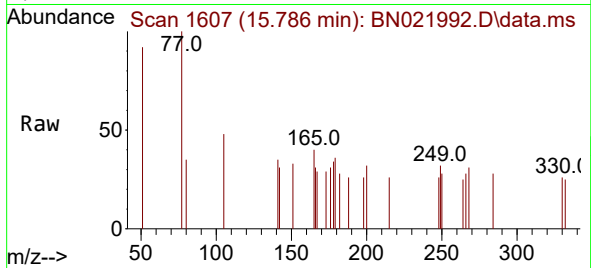




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.193 ng  
RT: 15.786 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

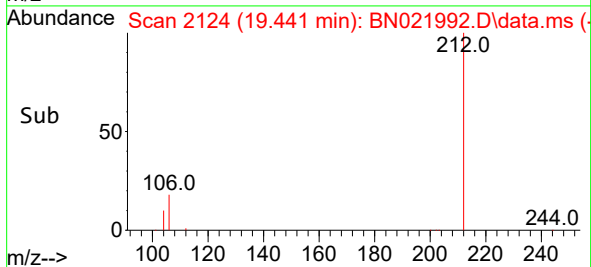
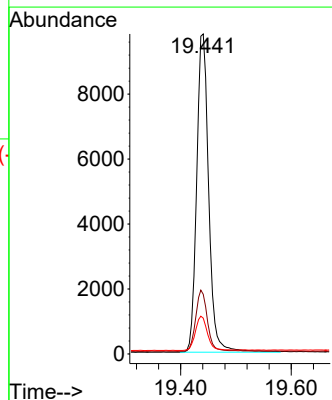
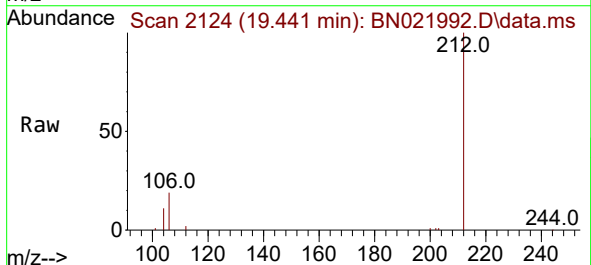
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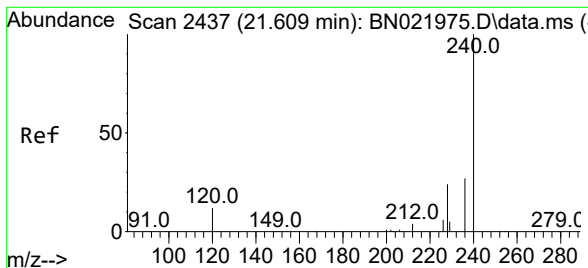
Tgt Ion:198 Resp: 2  
Ion Ratio Lower Upper  
198 100  
51 356.5 96.6 144.8#  
105 187.0 64.4 96.6#



#27  
Fluoranthene-d10  
Concen: 0.459 ng  
RT: 19.441 min Scan# 2124  
Delta R.T. -0.000 min  
Lab File: BN021992.D  
Acq: 04 Oct 2022 01:23

Tgt Ion:212 Resp: 14756  
Ion Ratio Lower Upper  
212 100  
106 18.6 15.2 22.8  
104 10.8 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.600 min Scan# 2437

Delta R.T. -0.009 min

Lab File: BN021992.D

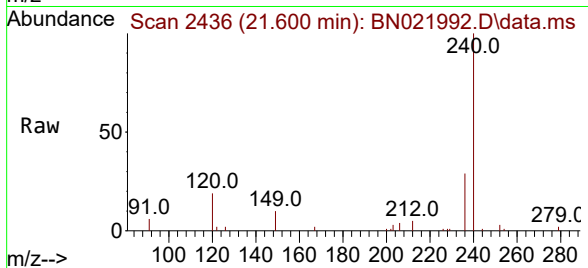
Acq: 04 Oct 2022 01:23

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-02-182-202-092922



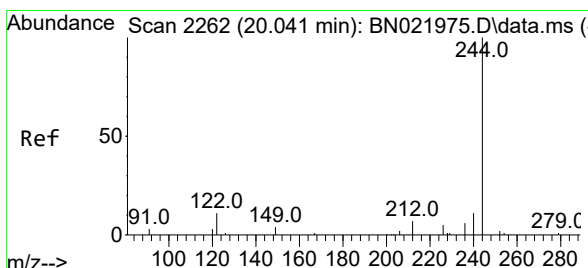
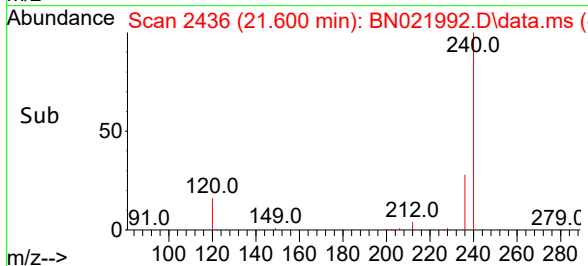
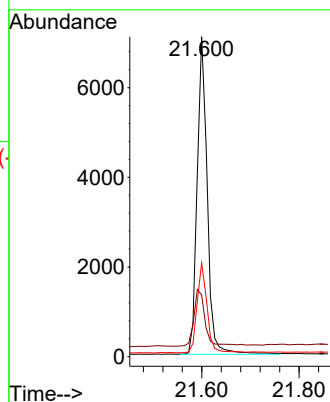
Tgt Ion:240 Resp: 10156

Ion Ratio Lower Upper

240 100

120 19.3 11.8 17.6#

236 29.3 22.4 33.6



#31

Terphenyl-d14

Concen: 0.443 ng

RT: 20.032 min Scan# 2261

Delta R.T. -0.009 min

Lab File: BN021992.D

Acq: 04 Oct 2022 01:23

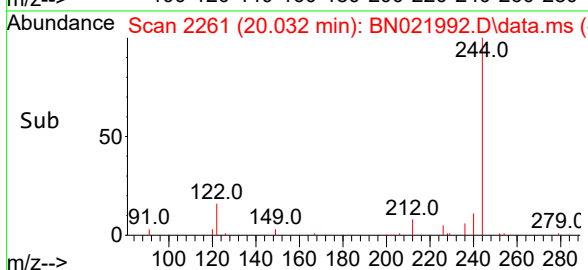
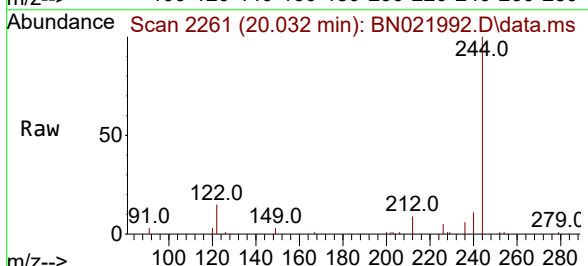
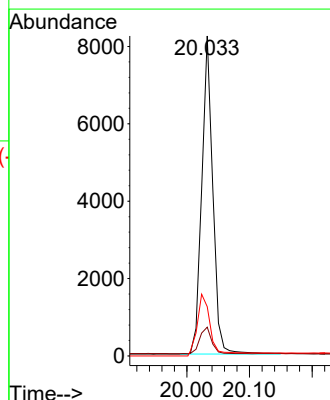
Tgt Ion:244 Resp: 9038

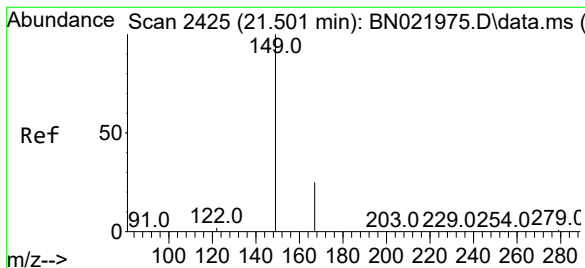
Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

122 15.4 9.1 13.7#

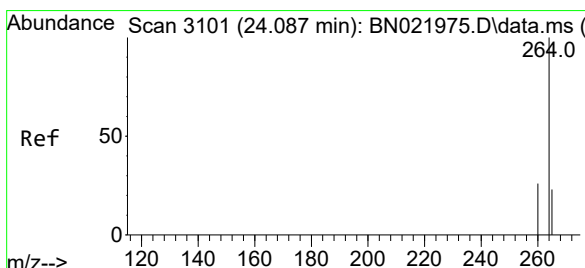
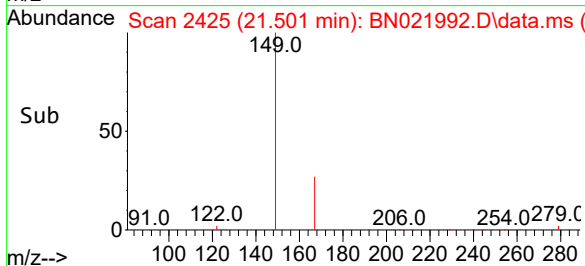
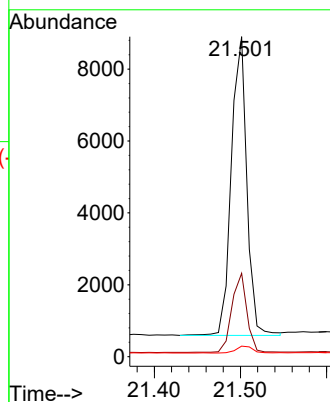
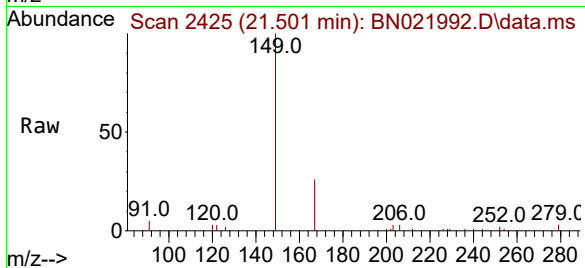




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.567 ng  
 RT: 21.501 min Scan# 2425  
 Delta R.T. -0.000 min  
 Lab File: BN021992.D  
 Acq: 04 Oct 2022 01:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWOW-BR-02-182-202-092922

Tgt Ion:149 Resp: 10383  
 Ion Ratio Lower Upper  
 149 100  
 167 25.6 20.2 30.4  
 279 2.5 2.3 3.5



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.078 min Scan# 3098  
 Delta R.T. -0.009 min  
 Lab File: BN021992.D  
 Acq: 04 Oct 2022 01:23

Tgt Ion:264 Resp: 7882  
 Ion Ratio Lower Upper  
 264 100  
 260 27.0 21.3 31.9  
 265 73.9 63.0 94.4

