

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
 Data File : BN028991.D  
 Acq On : 02 Dec 2023 19:59  
 Operator : MA/JU  
 Sample : 05404-11  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT101D2-20231109

Quant Time: Dec 03 08:15:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 23:11:55 2023  
 Response via : Initial Calibration

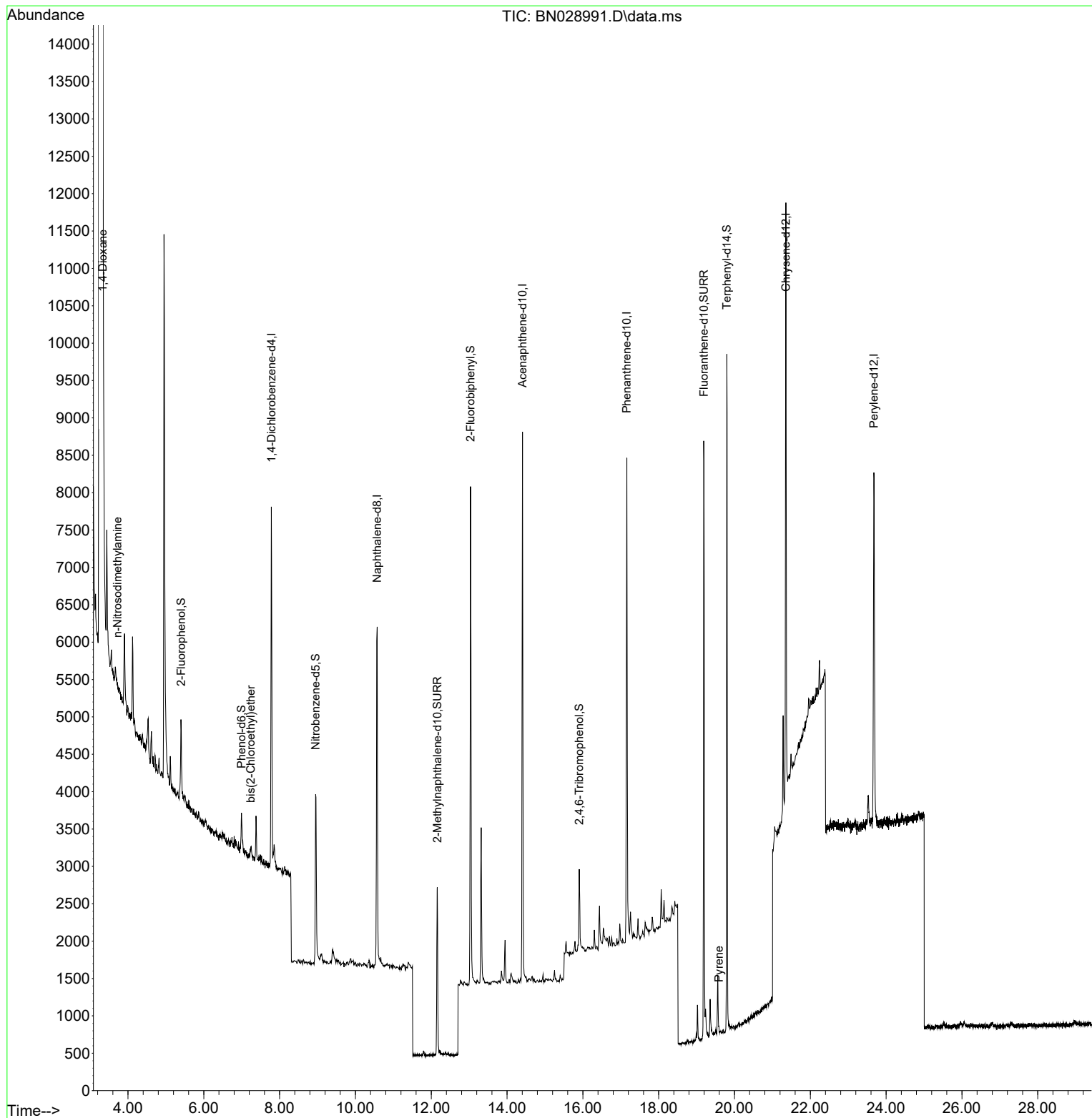
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.782  | 152  | 2279     | 0.400     | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.573 | 136  | 6519     | 0.400     | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.407 | 164  | 4208     | 0.400     | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.159 | 188  | 9054     | 0.400     | ng    | -0.01    |
| 29) Chrysene-d12              | 21.356 | 240  | 7529     | 0.400     | ng    | #-0.02   |
| 35) Perylene-d12              | 23.678 | 264  | 6869     | 0.400     | ng    | #-0.03   |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 731      | 0.106     | ng    | 0.00     |
| 5) Phenol-d6                  | 6.995  | 99   | 457      | 0.060     | ng    | -0.01    |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 2219     | 0.342     | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.159 | 152  | 3191     | 0.305     | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 722      | 0.254     | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 5706     | 0.314     | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.190 | 212  | 9443     | 0.397     | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.799 | 244  | 8929     | 0.410     | ng    | -0.02    |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.333  | 88   | 6518     | 2.920     | ng    | # 94     |
| 3) n-Nitrosodimethylamine     | 3.723  | 42   | 36       | 0.102     | ng    | # 92     |
| 6) bis(2-Chloroethyl)ether    | 7.240  | 93   | 152      | 0.024     | ng    | # 85     |
| 30) Pyrene                    | 19.589 | 202  | 61       | 0.095     | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.284 | 149  | 1630     | Below Cal |       | 94       |
| -----                         |        |      |          |           |       |          |

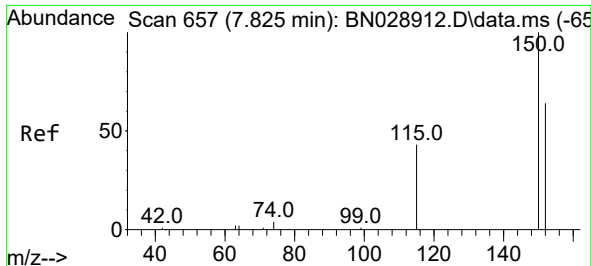
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
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TT101D2-20231109

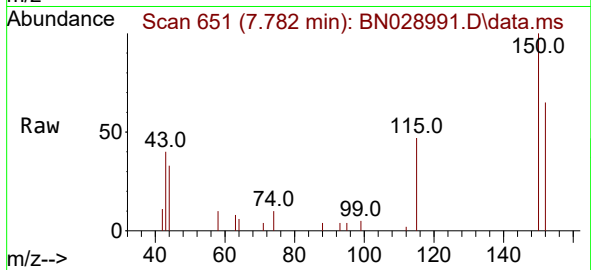
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 01 23:11:55 2023  
Response via : Initial Calibration



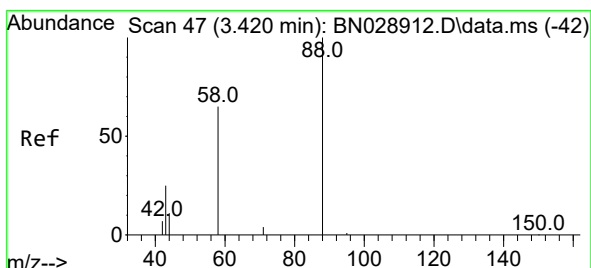
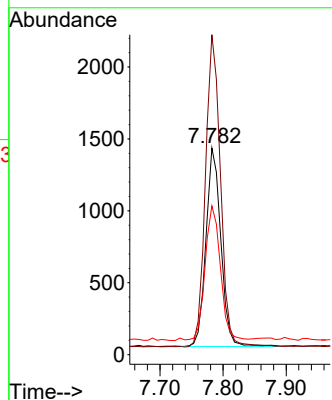
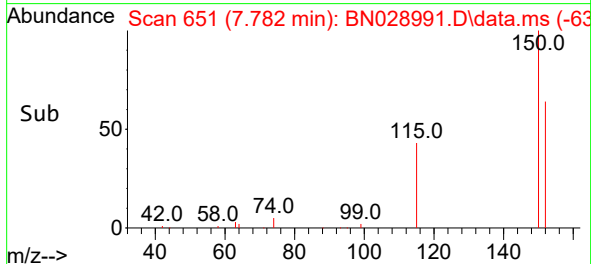


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.782 min Scan# 61  
Delta R.T. -0.015 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

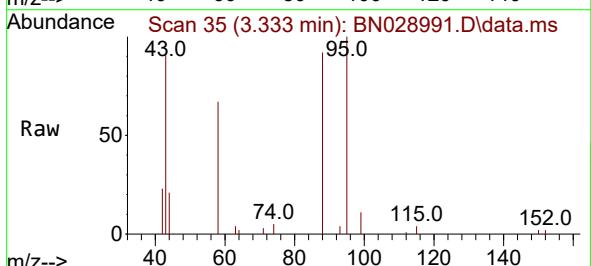
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BNA\_N  
ClientSampleId :  
TT101D2-20231109



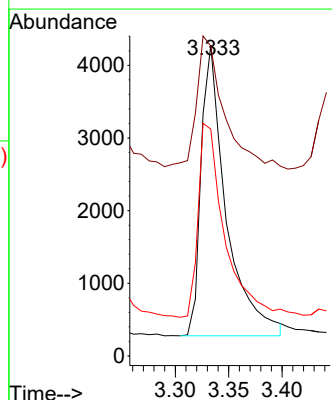
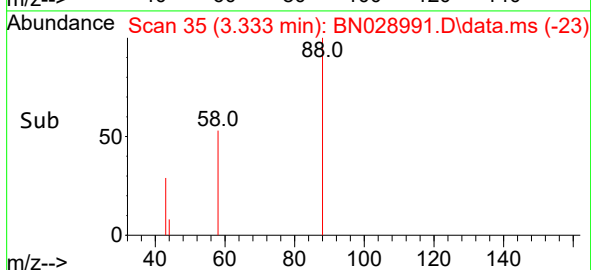
Tgt Ion:152 Resp: 2279  
Ion Ratio Lower Upper  
152 100  
150 154.8 123.4 185.2  
115 72.0 59.1 88.7

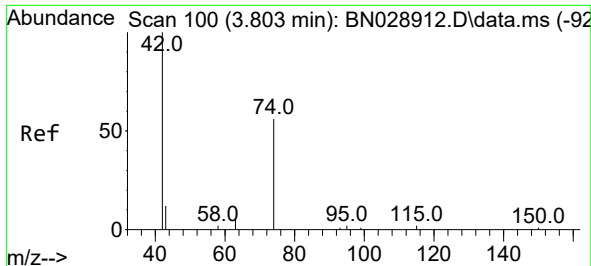


#2  
1,4-Dioxane  
Concen: 2.920 ng  
RT: 3.333 min Scan# 35  
Delta R.T. -0.015 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59



Tgt Ion: 88 Resp: 6518  
Ion Ratio Lower Upper  
88 100  
43 47.5 29.9 44.9#  
58 69.4 55.0 82.4

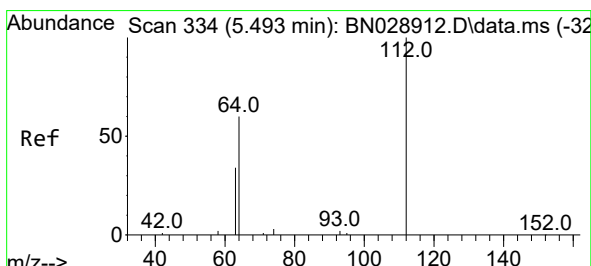
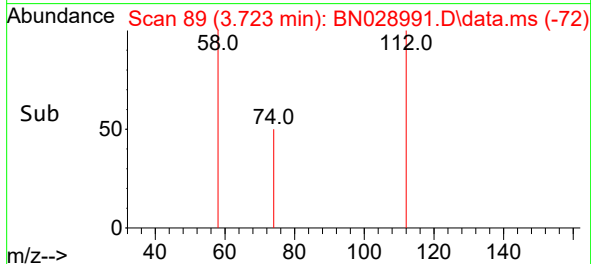
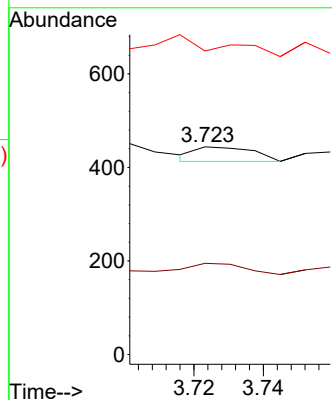
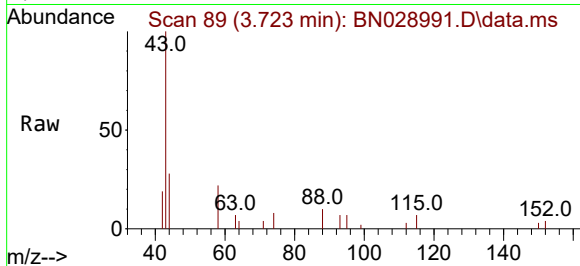




#3  
n-Nitrosodimethylamine  
Concen: 0.102 ng  
RT: 3.723 min Scan# 89  
Delta R.T. 0.021 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

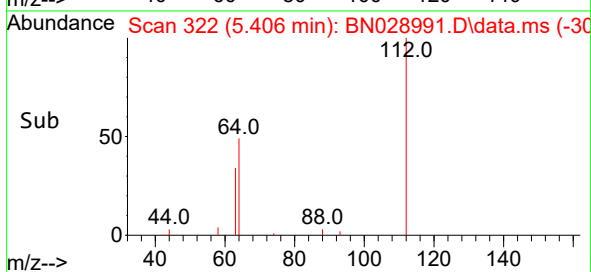
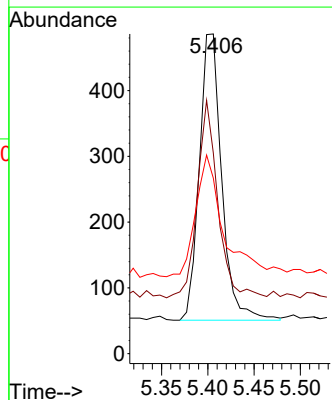
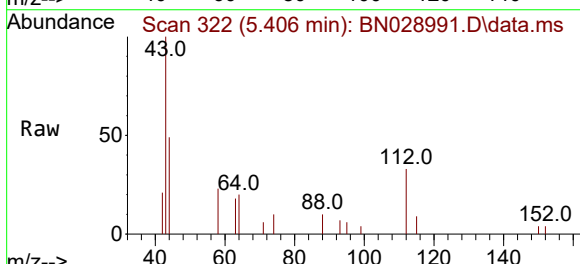
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D2-20231109

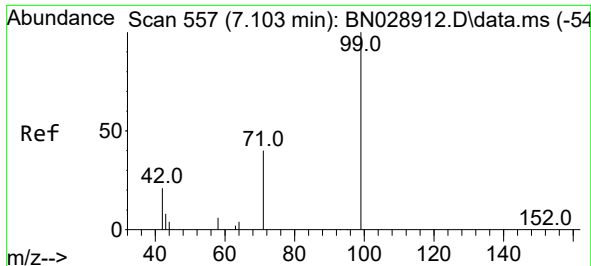
Tgt Ion: 42 Resp: 36  
Ion Ratio Lower Upper  
42 100  
74 77.8 57.0 85.6  
44 272.2 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.106 ng  
RT: 5.406 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

Tgt Ion: 112 Resp: 731  
Ion Ratio Lower Upper  
112 100  
64 63.5 51.5 77.3  
63 53.9 30.4 45.6#

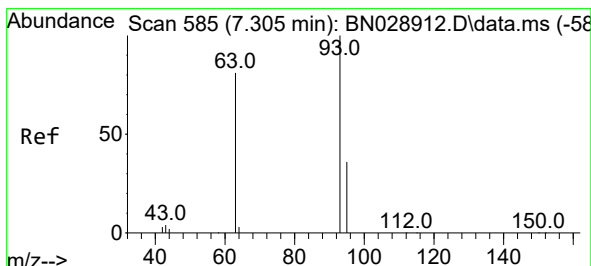
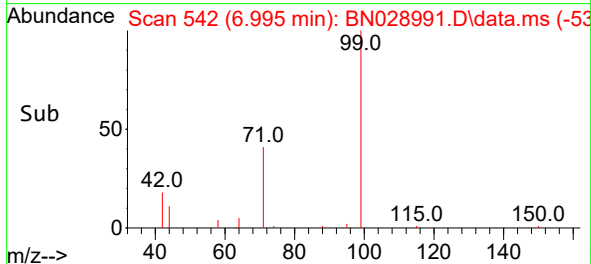
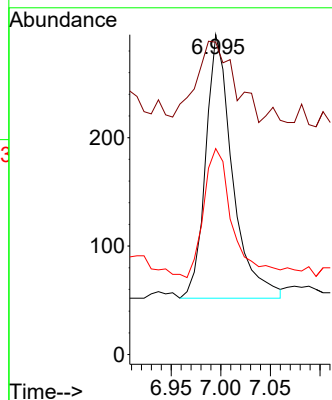
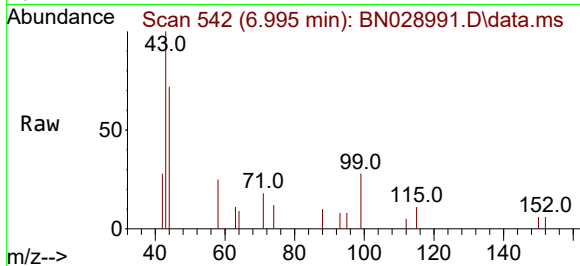




#5  
Phenol-d6  
Concen: 0.060 ng  
RT: 6.995 min Scan# 54  
Delta R.T. -0.015 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

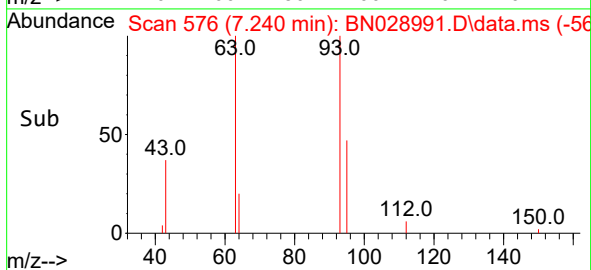
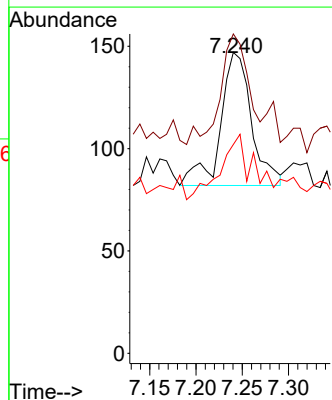
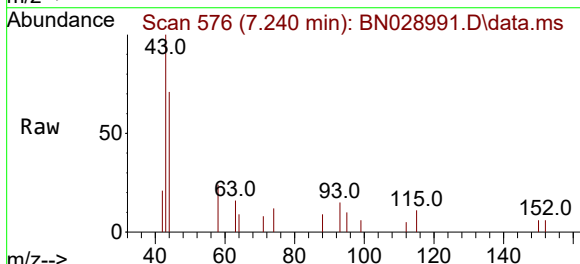
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D2-20231109

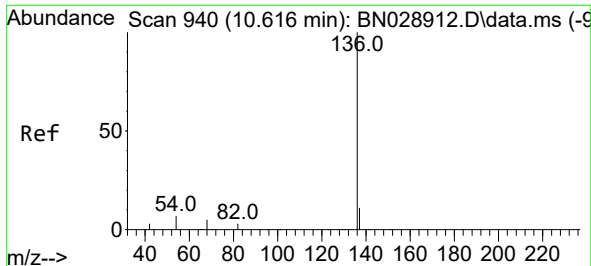
Tgt Ion: 99 Resp: 457  
Ion Ratio Lower Upper  
99 100  
42 41.8 21.2 31.8#  
71 55.4 35.4 53.0#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.024 ng  
RT: 7.240 min Scan# 576  
Delta R.T. -0.007 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

Tgt Ion: 93 Resp: 152  
Ion Ratio Lower Upper  
93 100  
63 75.0 66.9 100.3  
95 51.3 28.2 42.4#

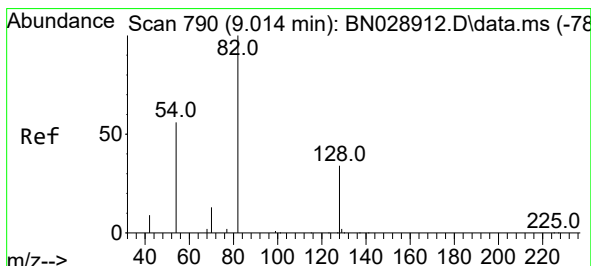
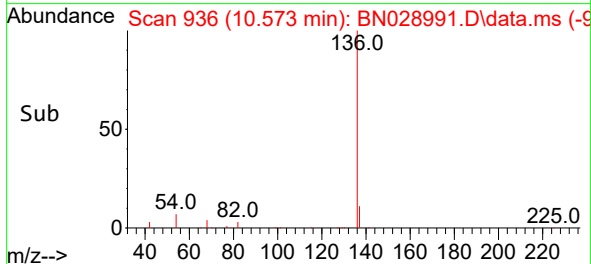
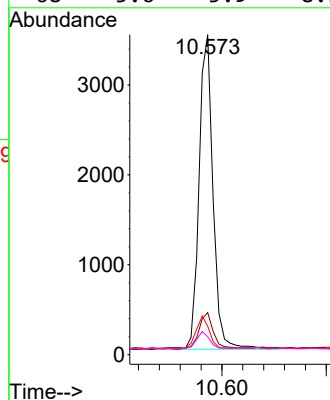
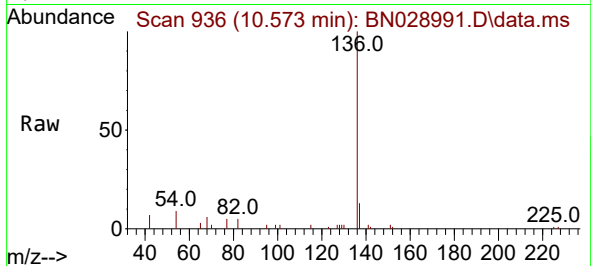




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

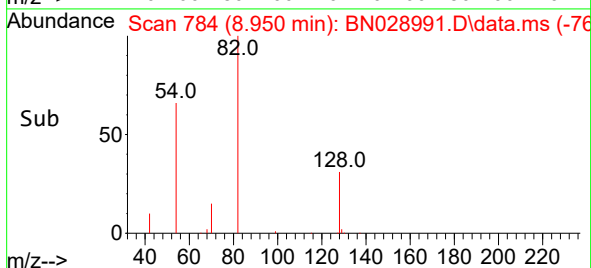
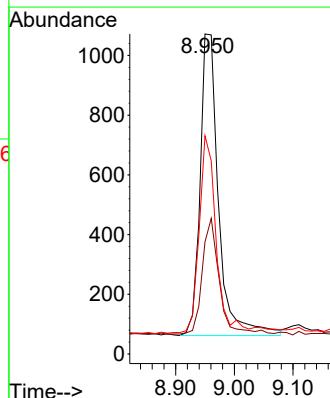
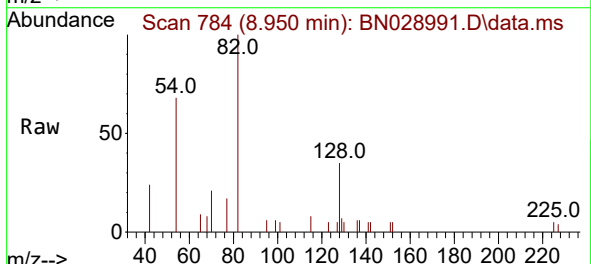
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TT101D2-20231109

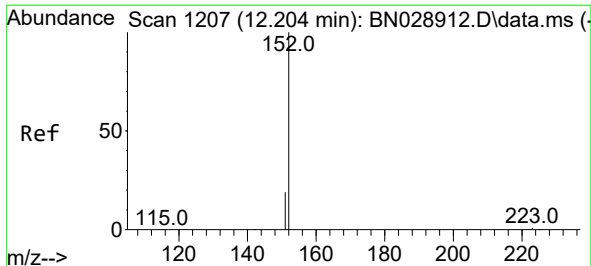
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 6519 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 13.1  | 10.6  | 16.0 |
| 54        | 8.8   | 7.5   | 11.3 |
| 68        | 5.6   | 5.9   | 8.9  |



#8  
Nitrobenzene-d5  
Concen: 0.342 ng  
RT: 8.950 min Scan# 784  
Delta R.T. -0.022 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2219 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 35.1  | 29.2  | 43.8 |
| 54        | 68.2  | 47.0  | 70.6 |

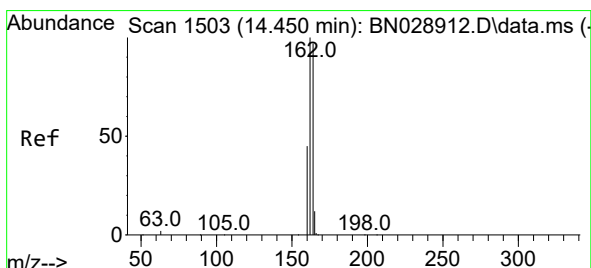
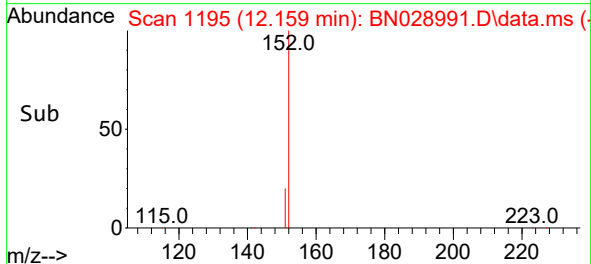
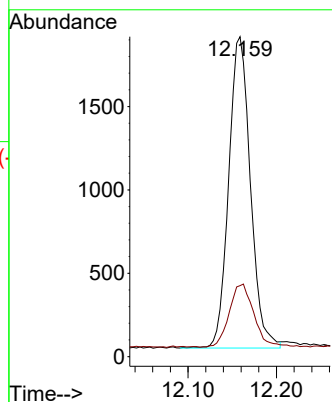
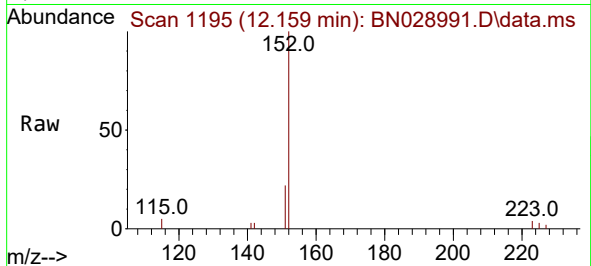




#11  
2-Methylnaphthalene-d10  
Concen: 0.305 ng  
RT: 12.159 min Scan# 1195  
Delta R.T. -0.012 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

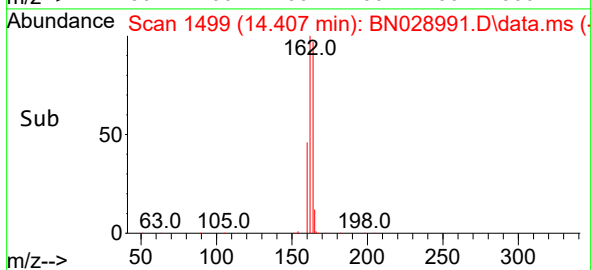
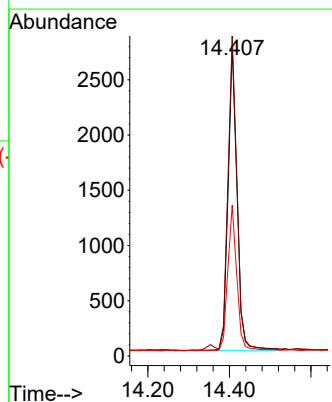
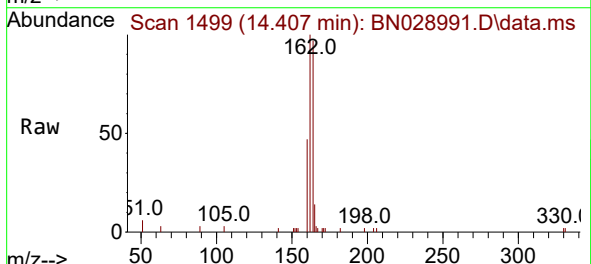
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D2-20231109

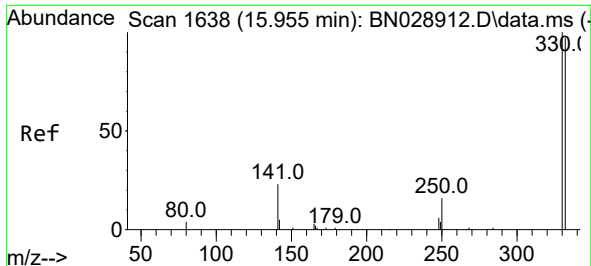
Tgt Ion:152 Resp: 3191  
Ion Ratio Lower Upper  
152 100  
151 23.3 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.407 min Scan# 1499  
Delta R.T. -0.011 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

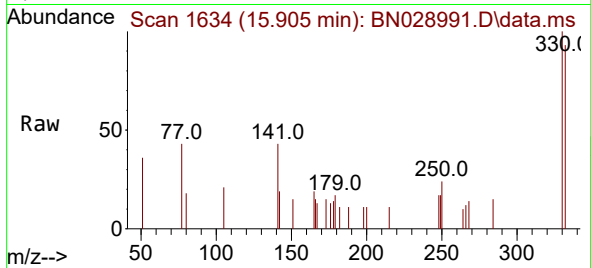
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Ion Ratio Lower Upper  
164 100  
162 102.9 81.7 122.5  
160 48.5 37.0 55.6



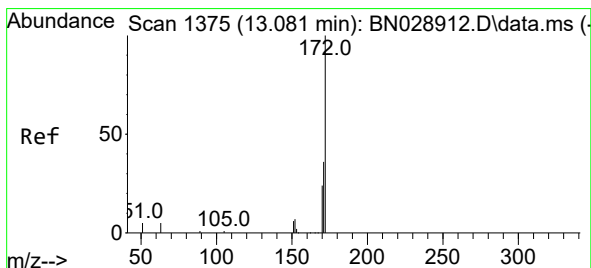
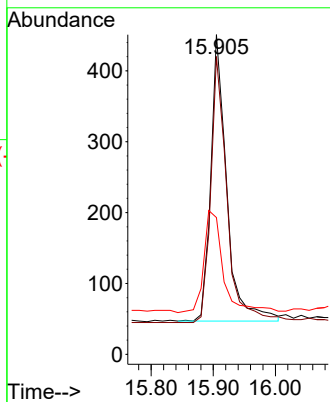
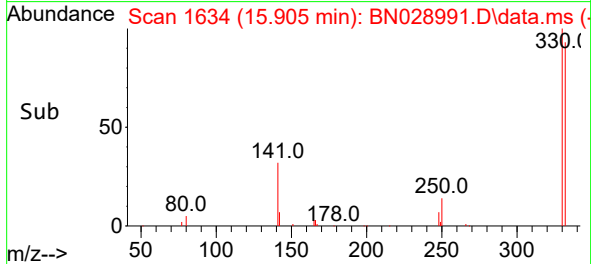


#14  
2,4,6-Tribromophenol  
Concen: 0.254 ng  
RT: 15.905 min Scan# 1634  
Delta R.T. -0.013 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

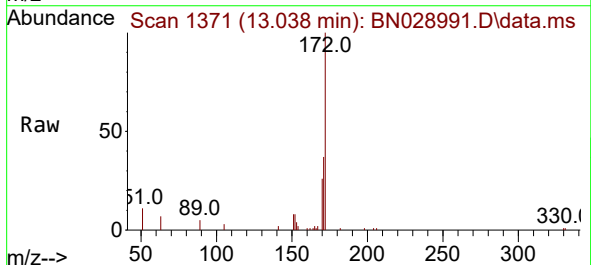
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BNA\_N  
ClientSampleId :  
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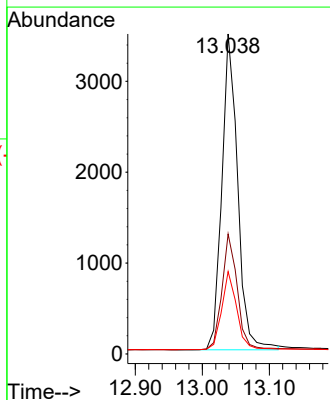
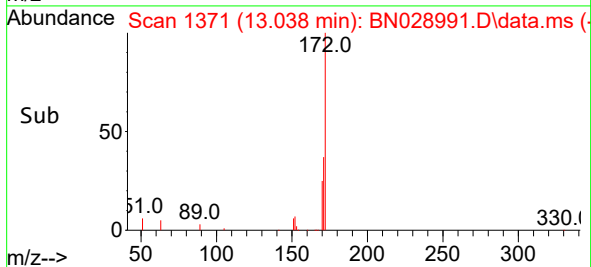
Tgt Ion:330 Resp: 722  
Ion Ratio Lower Upper  
330 100  
332 93.4 75.4 113.2  
141 43.1 35.7 53.5



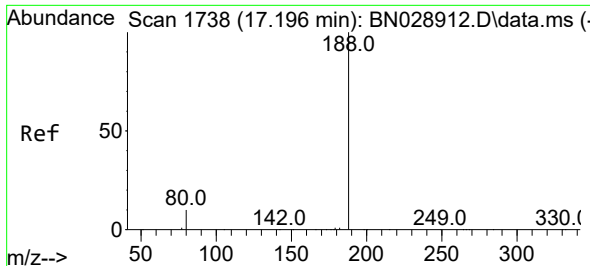
#15  
2-Fluorobiphenyl  
Concen: 0.314 ng  
RT: 13.038 min Scan# 1371  
Delta R.T. -0.011 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59



Tgt Ion:172 Resp: 5706  
Ion Ratio Lower Upper  
172 100  
171 37.5 29.0 43.4  
170 25.7 19.7 29.5



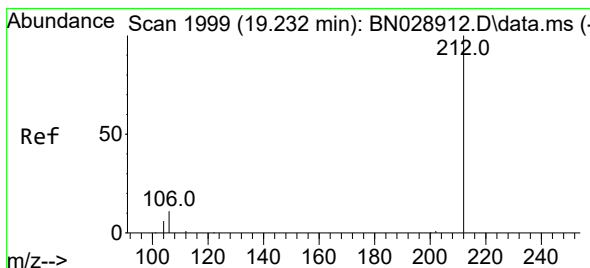
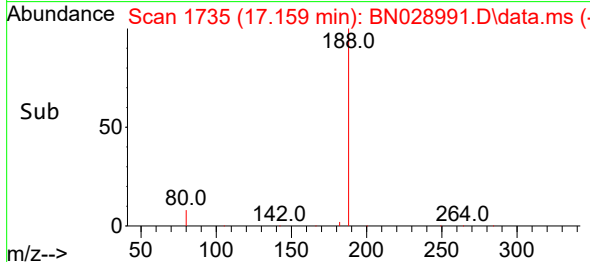
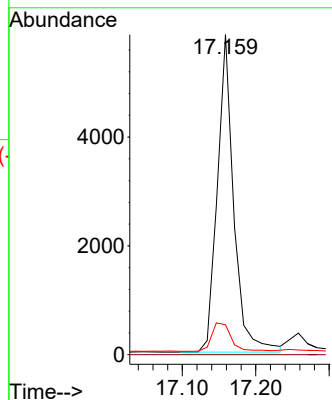
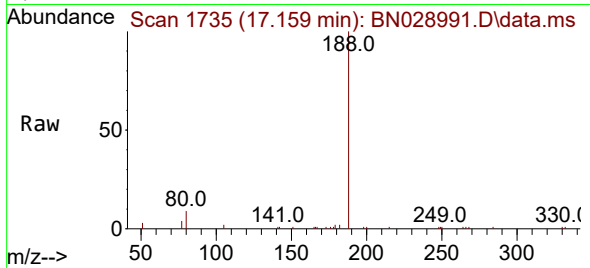




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.159 min Scan# 1735  
Delta R.T. -0.013 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

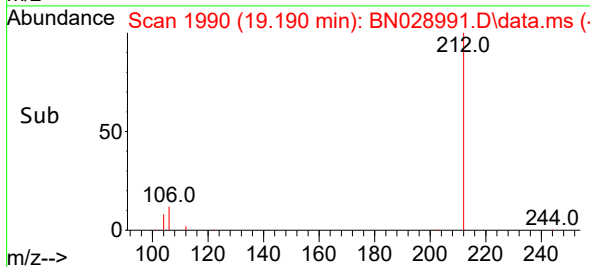
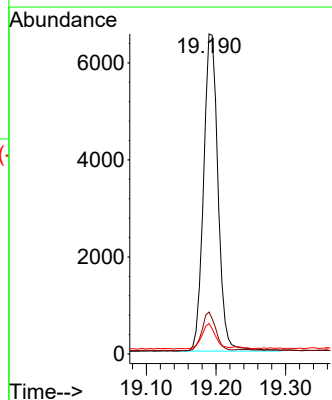
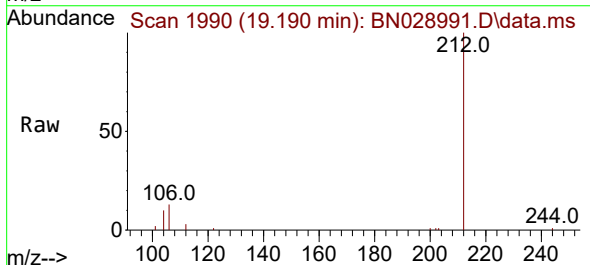
Instrument :  
BNA\_N  
ClientSampleId :  
TT101D2-20231109

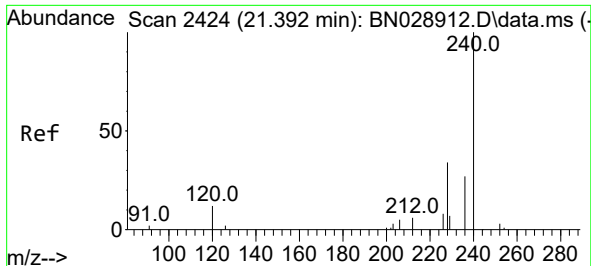
Tgt Ion:188 Resp: 9054  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.3 9.0 13.6



#27  
Fluoranthene-d10  
Concen: 0.397 ng  
RT: 19.190 min Scan# 1990  
Delta R.T. -0.019 min  
Lab File: BN028991.D  
Acq: 02 Dec 2023 19:59

Tgt Ion:212 Resp: 9443  
Ion Ratio Lower Upper  
212 100  
106 11.6 9.4 14.2  
104 7.4 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BN028991.D

Acq: 02 Dec 2023 19:59

Instrument :

BNA\_N

ClientSampleId :

TT101D2-20231109

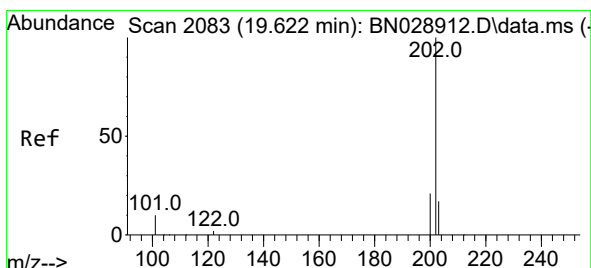
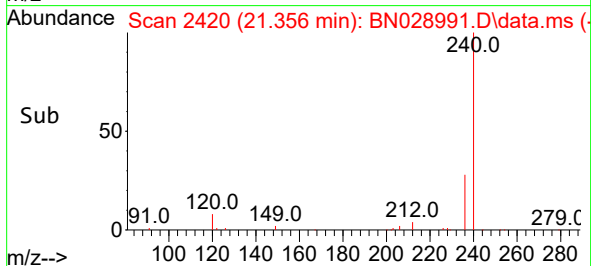
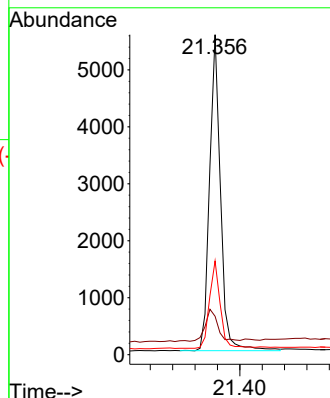
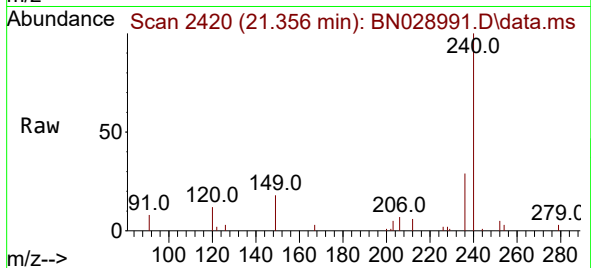
Tgt Ion:240 Resp: 7529

Ion Ratio Lower Upper

240 100

120 12.0 37.1 55.7#

236 29.3 32.4 48.6#



#30

Pyrene

Concen: 0.095 ng

RT: 19.589 min Scan# 2076

Delta R.T. -0.014 min

Lab File: BN028991.D

Acq: 02 Dec 2023 19:59

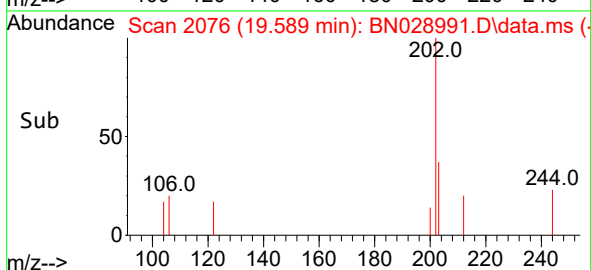
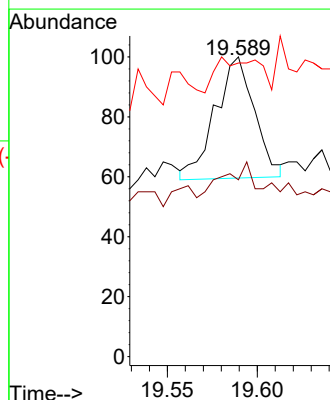
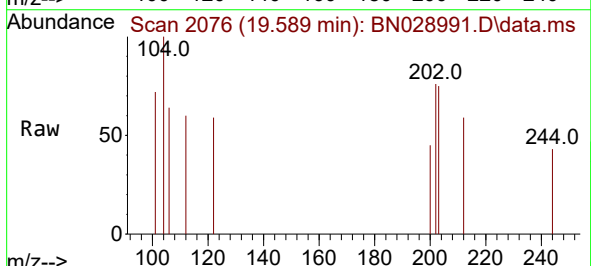
Tgt Ion:202 Resp: 61

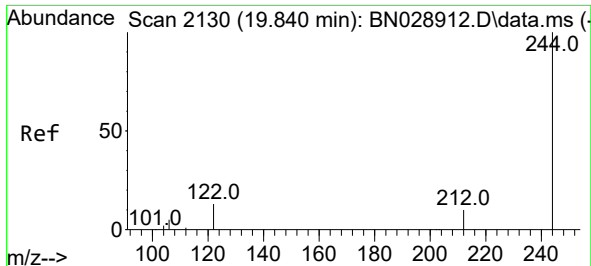
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 18.0 14.8 22.2

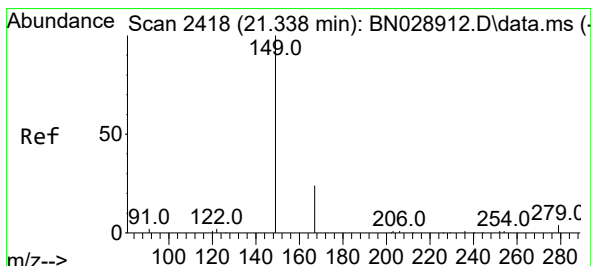
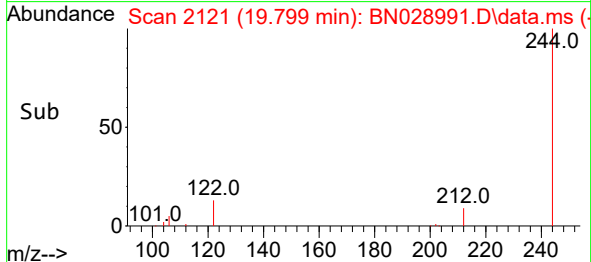
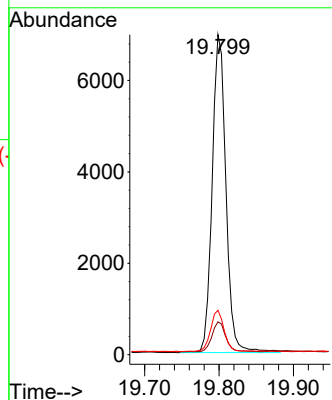
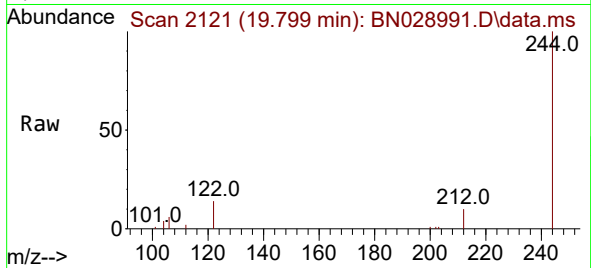




#31  
 Terphenyl-d14  
 Concen: 0.410 ng  
 RT: 19.799 min Scan# 2130  
 Delta R.T. -0.019 min  
 Lab File: BN028991.D  
 Acq: 02 Dec 2023 19:59

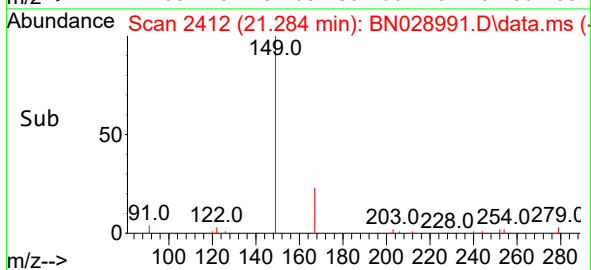
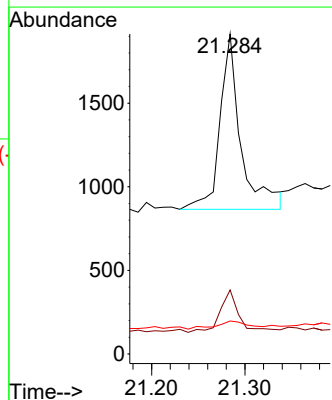
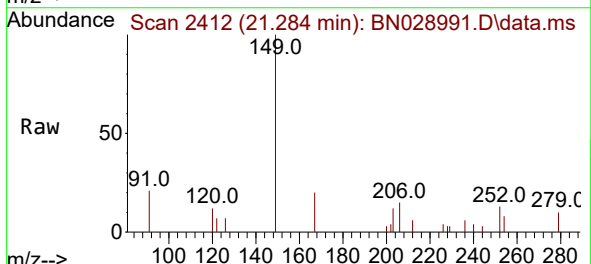
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT101D2-20231109

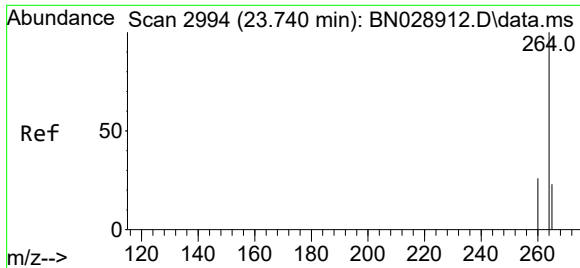
Tgt Ion:244 Resp: 8929  
 Ion Ratio Lower Upper  
 244 100  
 212 10.3 11.5 17.3#  
 122 13.9 13.2 19.8



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: Below Cal  
 RT: 21.284 min Scan# 2412  
 Delta R.T. -0.018 min  
 Lab File: BN028991.D  
 Acq: 02 Dec 2023 19:59

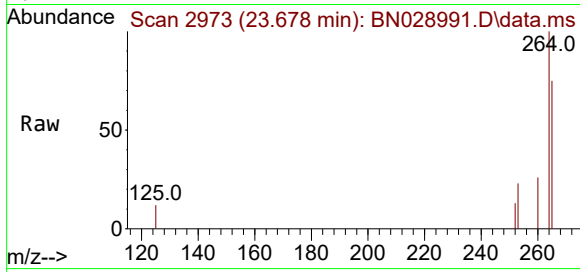
Tgt Ion:149 Resp: 1630  
 Ion Ratio Lower Upper  
 149 100  
 167 22.0 14.9 22.3  
 279 7.2 6.3 9.5





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.678 min Scan# 2994  
 Delta R.T. -0.029 min  
 Lab File: BN028991.D  
 Acq: 02 Dec 2023 19:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT101D2-20231109



Tgt Ion:264 Resp: 6869  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 20.6 30.8  
 265 75.0 464.5 696.7#

