

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031723\  
 Data File : BN024394.D  
 Acq On : 19 Mar 2023 00:08  
 Operator : CG/JU  
 Sample : 01903-07  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20230310

Quant Time: Mar 20 01:12:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 18 05:49:08 2023  
 Response via : Initial Calibration

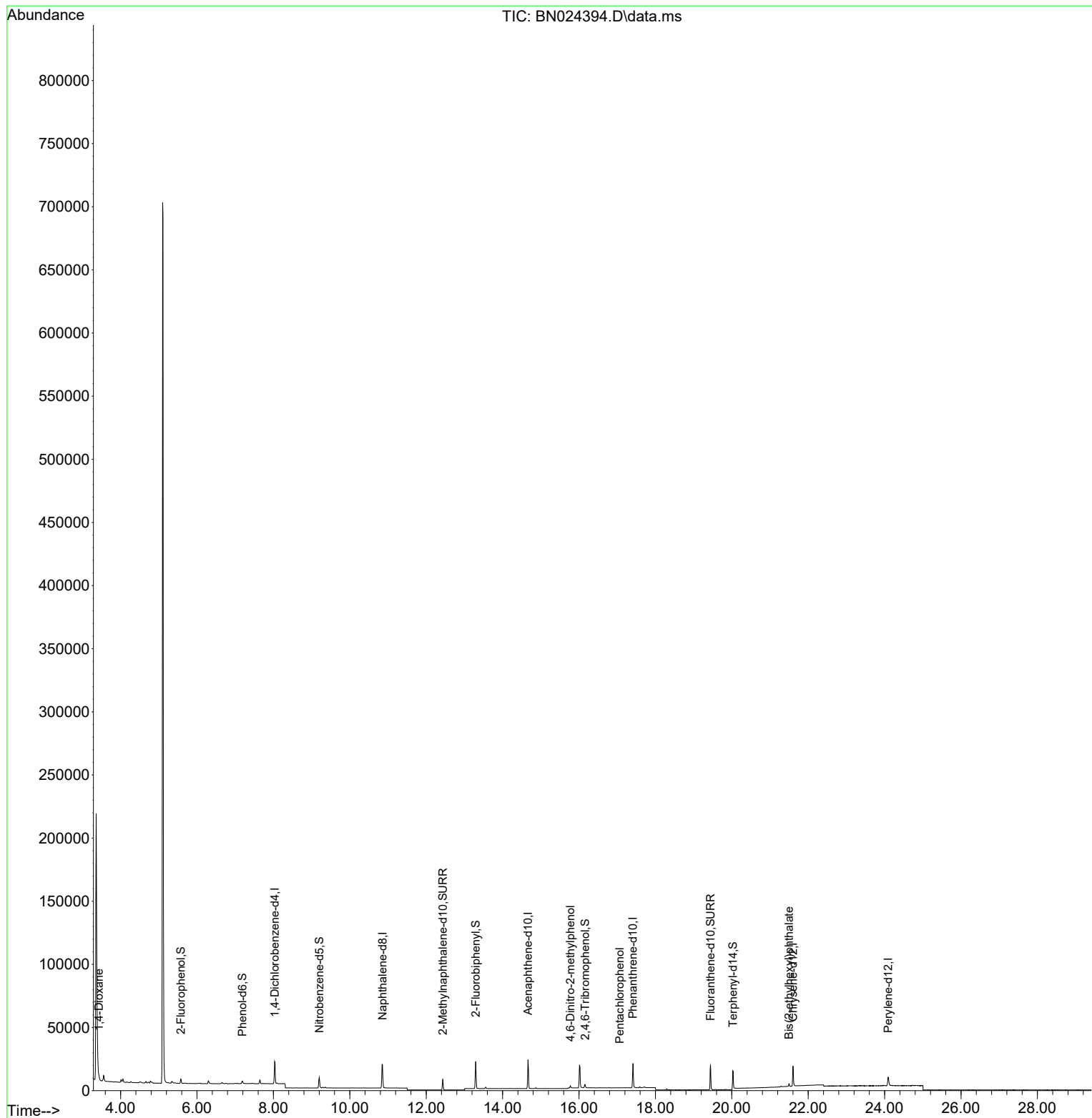
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.033  | 152  | 8584     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.856 | 136  | 25976    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.665 | 164  | 12346    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.413 | 188  | 24697    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.601 | 240  | 14776    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.094 | 264  | 10927    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.577  | 112  | 2634     | 0.139 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.188  | 99   | 1887     | 0.077 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.201  | 82   | 6789     | 0.391 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.433 | 152  | 11141    | 0.349 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 1726     | 0.274 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.296 | 172  | 17669    | 0.379 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.442 | 212  | 20024    | 0.382 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.034 | 244  | 11452    | 0.460 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.432  | 88   | 1097     | 0.117 | ng    | # 71     |
| 20) 4,6-Dinitro-2-methylph... | 15.774 | 198  | 10       | 0.180 | ng    | # 1      |
| 24) Pentachlorophenol         | 17.065 | 266  | 22       | 0.131 | ng    | # 55     |
| 34) Bis(2-ethylhexyl)phtha... | 21.493 | 149  | 2289     | 0.099 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

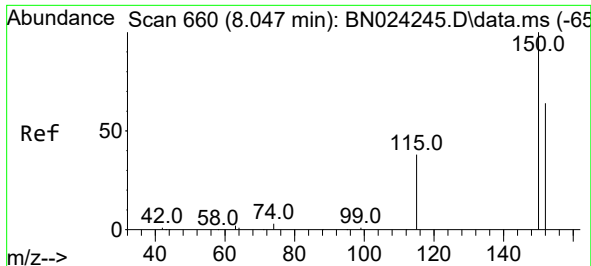
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031723\  
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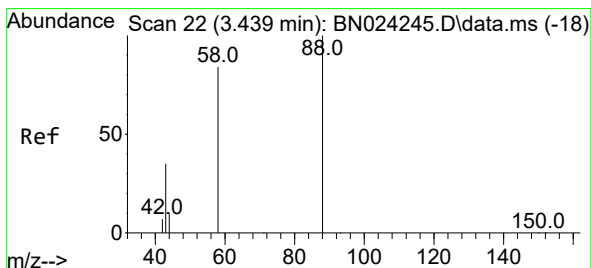
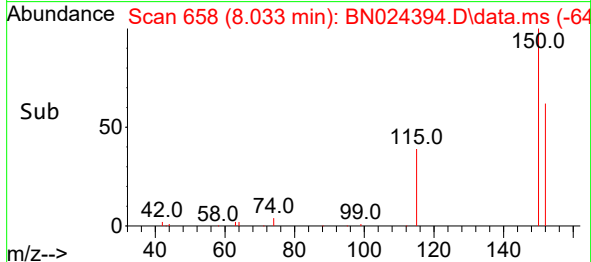
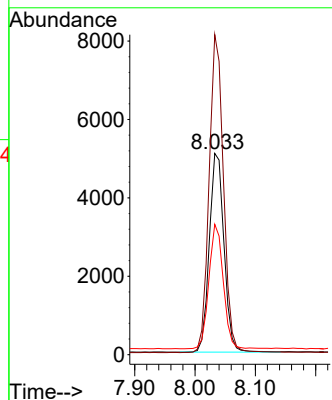
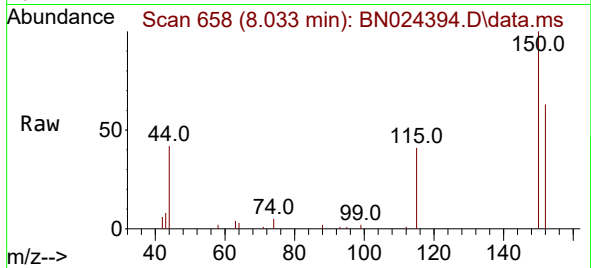




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.033 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN024394.D  
 Acq: 19 Mar 2023 00:08

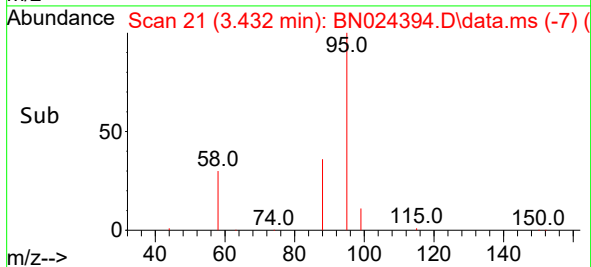
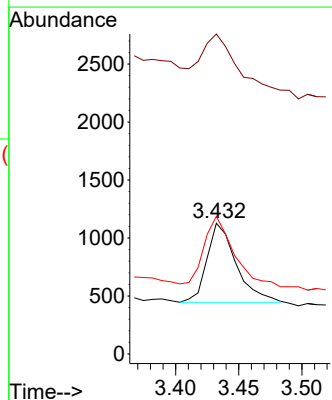
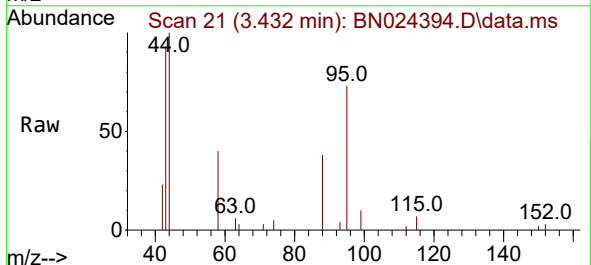
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20230310

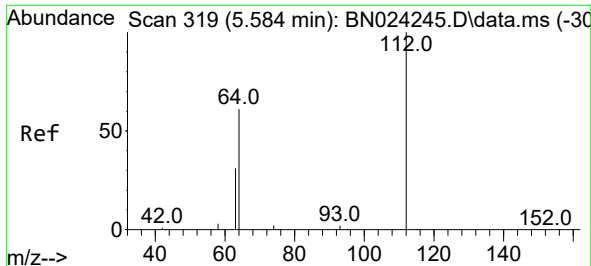
Tgt Ion:152 Resp: 8584  
 Ion Ratio Lower Upper  
 152 100  
 150 159.0 124.7 187.1  
 115 64.8 49.1 73.7



#2  
 1,4-Dioxane  
 Concen: 0.117 ng  
 RT: 3.432 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN024394.D  
 Acq: 19 Mar 2023 00:08

Tgt Ion: 88 Resp: 1097  
 Ion Ratio Lower Upper  
 88 100  
 43 80.5 29.0 43.4#  
 58 92.0 67.3 100.9

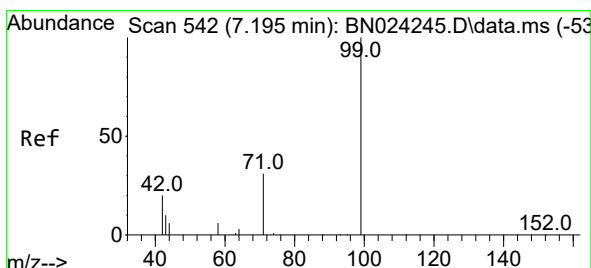
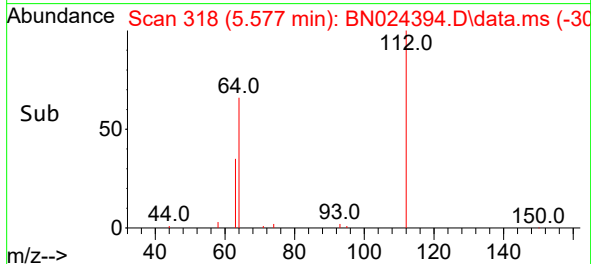
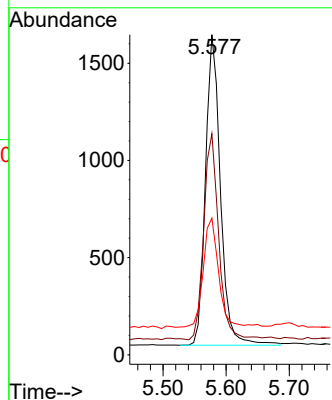
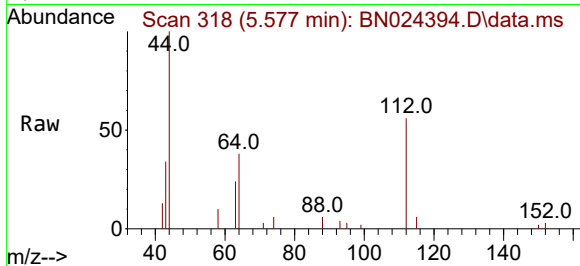




#4  
2-Fluorophenol  
Concen: 0.139 ng  
RT: 5.577 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

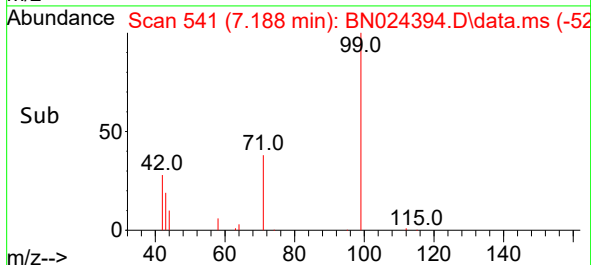
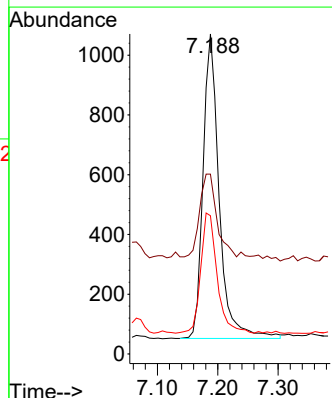
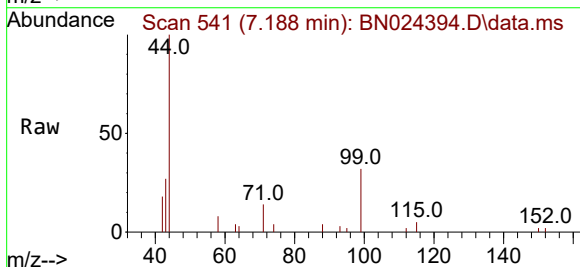
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D3-20230310

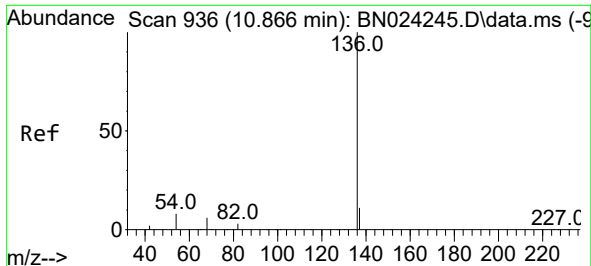
Tgt Ion:112 Resp: 2634  
Ion Ratio Lower Upper  
112 100  
64 65.5 49.0 73.6  
63 35.6 25.7 38.5



#5  
Phenol-d6  
Concen: 0.077 ng  
RT: 7.188 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

Tgt Ion: 99 Resp: 1887  
Ion Ratio Lower Upper  
99 100  
42 35.8 20.1 30.1#  
71 40.0 25.8 38.8#

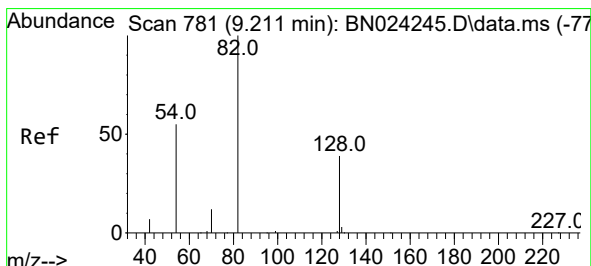
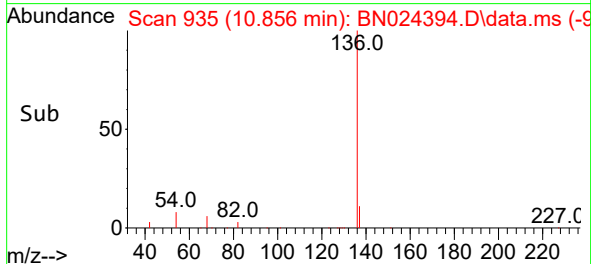
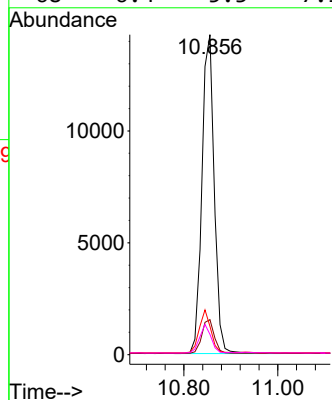
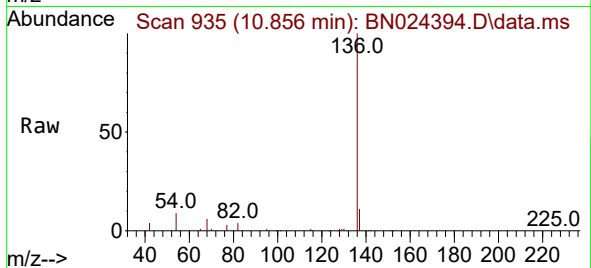




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.856 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

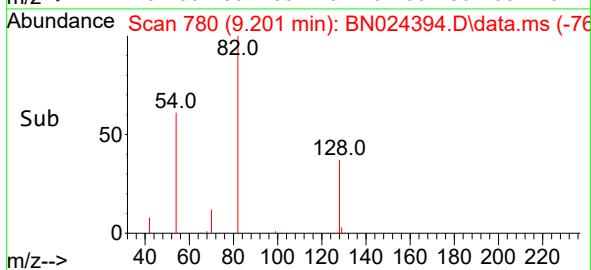
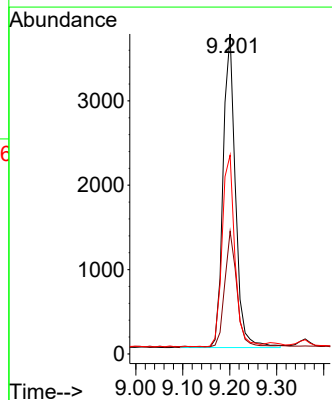
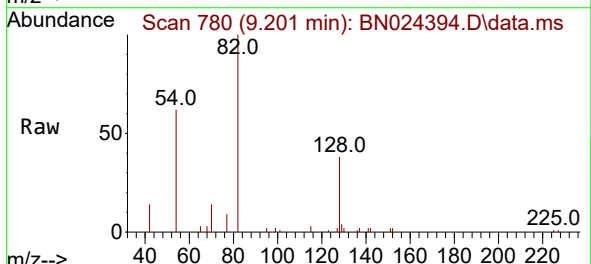
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D3-20230310

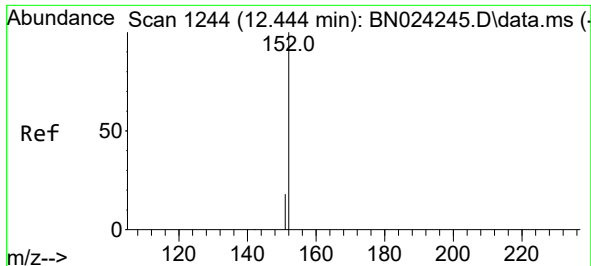
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 25976 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 8.9   | 13.3  |
| 54        | 8.8   | 7.1   | 10.7  |
| 68        | 6.4   | 5.3   | 7.9   |



#8  
Nitrobenzene-d5  
Concen: 0.391 ng  
RT: 9.201 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 6789 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.3  | 32.4  | 48.6 |
| 54        | 62.2  | 45.2  | 67.8 |

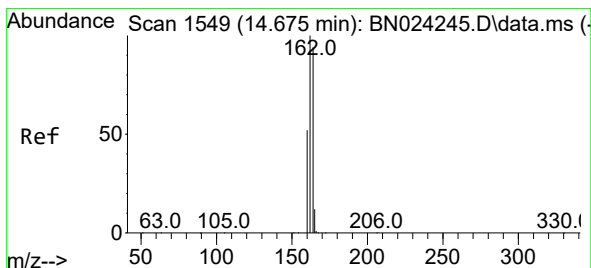
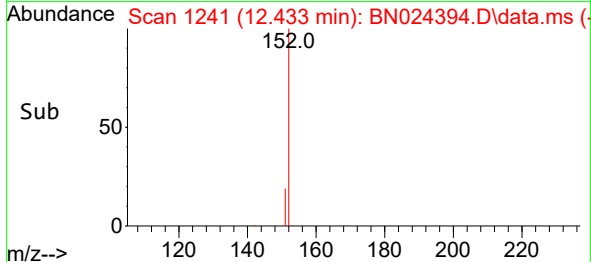
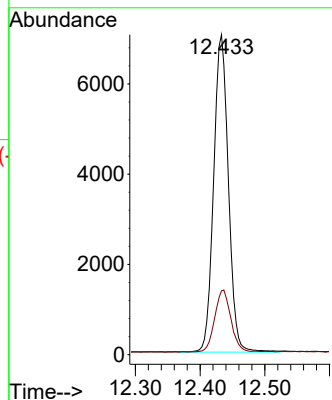
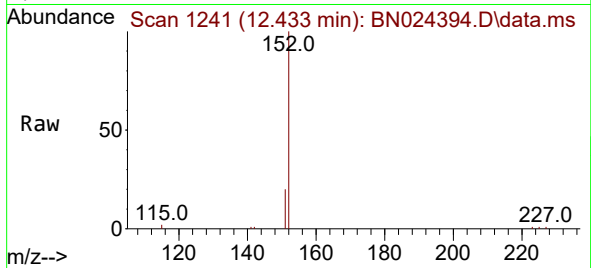




#11  
2-Methylnaphthalene-d10  
Concen: 0.349 ng  
RT: 12.433 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

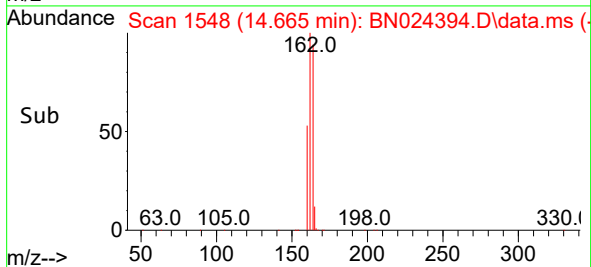
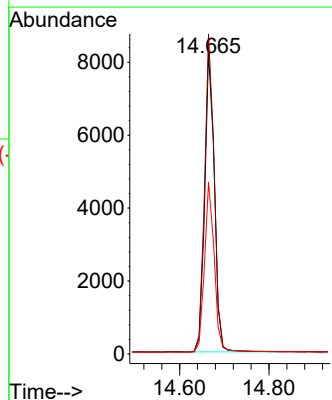
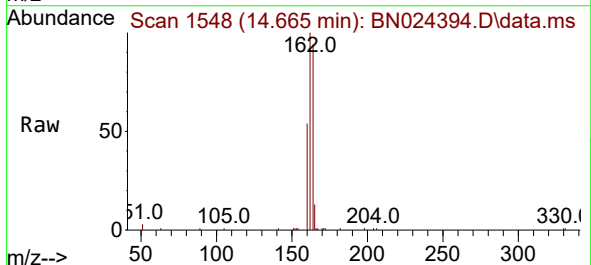
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D3-20230310

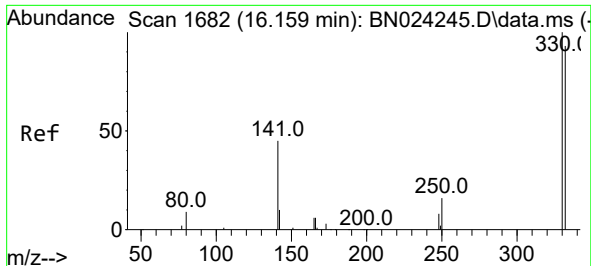
Tgt Ion:152 Resp: 11141  
Ion Ratio Lower Upper  
152 100  
151 21.6 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.665 min Scan# 1548  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

Tgt Ion:164 Resp: 12346  
Ion Ratio Lower Upper  
164 100  
162 106.2 84.7 127.1  
160 56.9 44.6 66.8

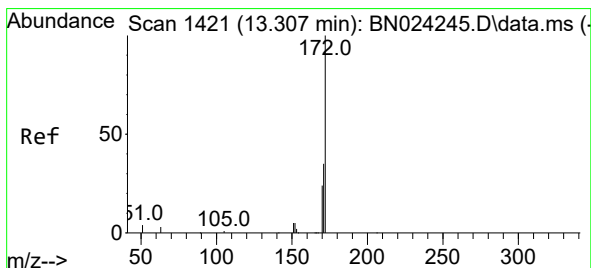
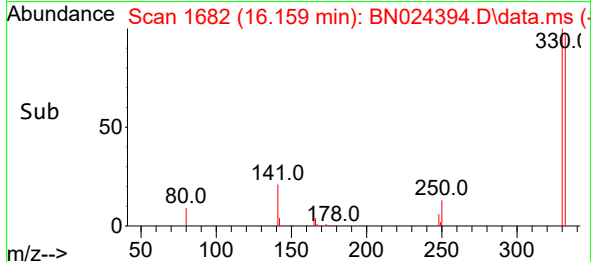
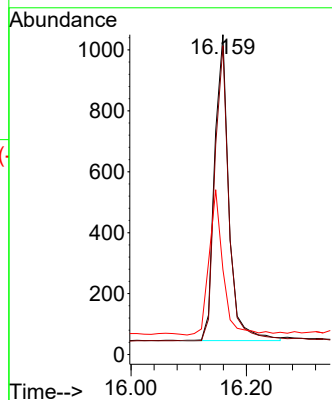
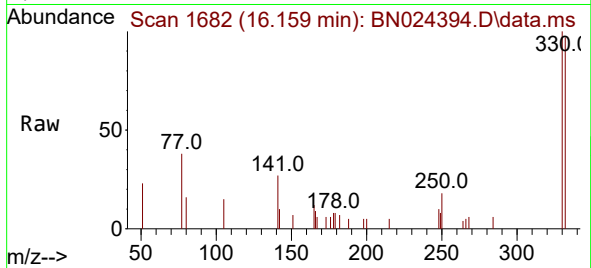




#14  
2,4,6-Tribromophenol  
Concen: 0.274 ng  
RT: 16.159 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

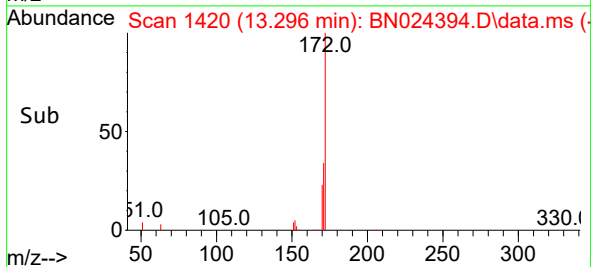
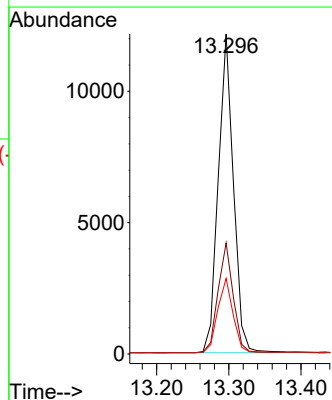
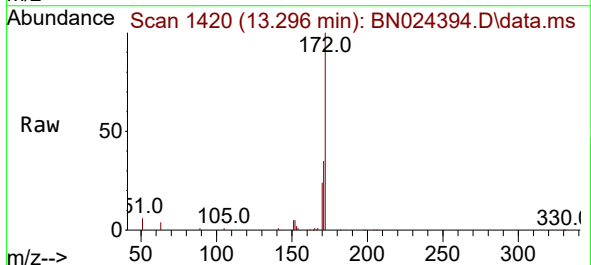
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D3-20230310

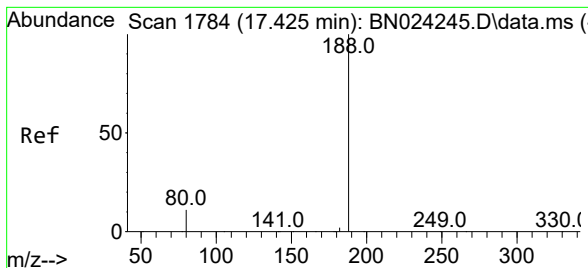
Tgt Ion: 330 Resp: 1726  
Ion Ratio Lower Upper  
330 100  
332 95.4 78.0 117.0  
141 46.7 30.8 46.2#



#15  
2-Fluorobiphenyl  
Concen: 0.379 ng  
RT: 13.296 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BN024394.D  
Acq: 19 Mar 2023 00:08

Tgt Ion: 172 Resp: 17669  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.8  
170 23.6 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024394.D

Acq: 19 Mar 2023 00:08

Instrument :

BNA\_N

ClientSampleId :

RE103D3-20230310

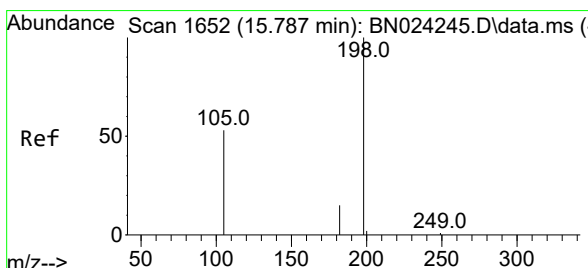
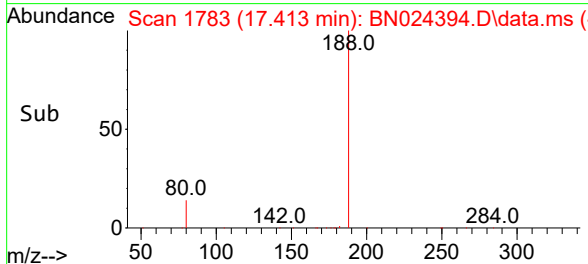
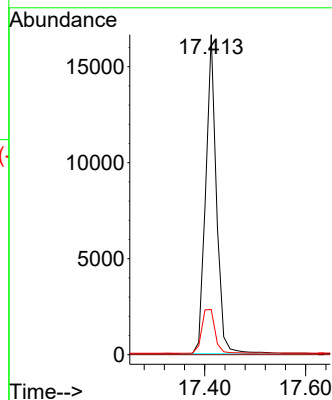
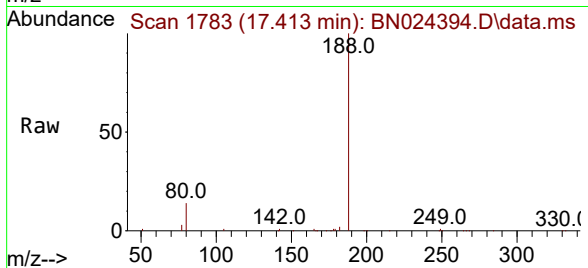
Tgt Ion:188 Resp: 24697

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.774 min Scan# 1651

Delta R.T. -0.012 min

Lab File: BN024394.D

Acq: 19 Mar 2023 00:08

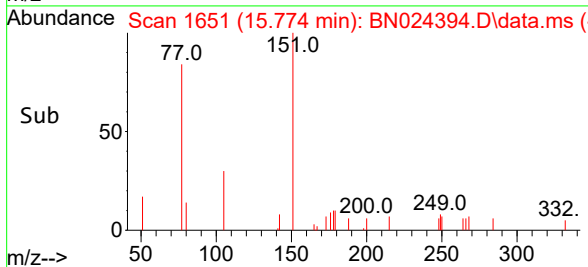
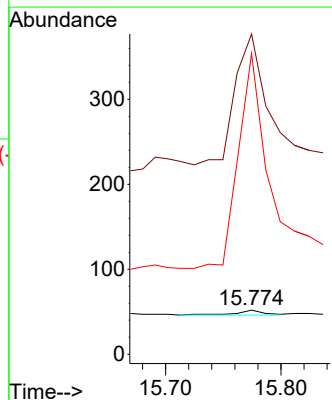
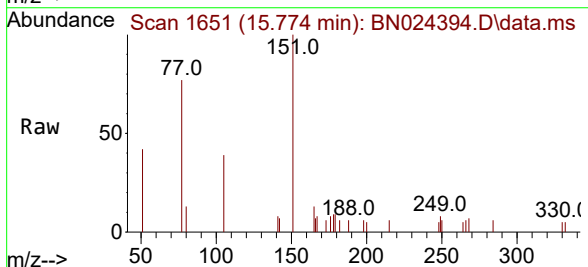
Tgt Ion:198 Resp: 10

Ion Ratio Lower Upper

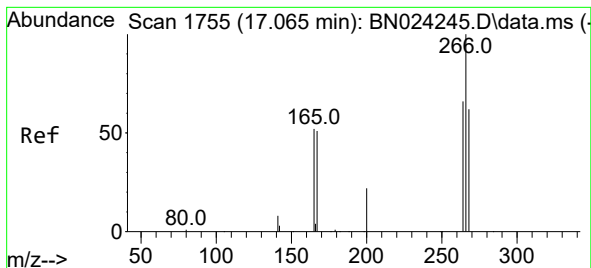
198 100

51 725.0 68.2 102.2#

105 680.8 51.6 77.4#







#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024394.D

Acq: 19 Mar 2023 00:08

Instrument :

BNA\_N

ClientSampleId :

RE103D3-20230310

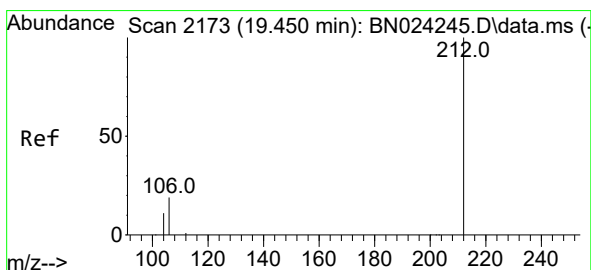
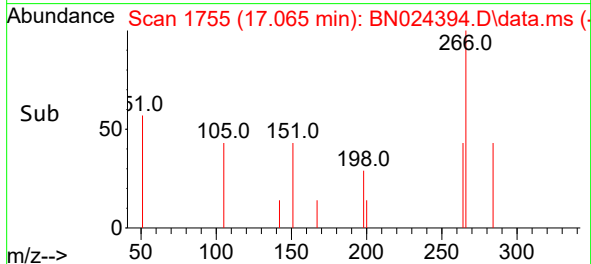
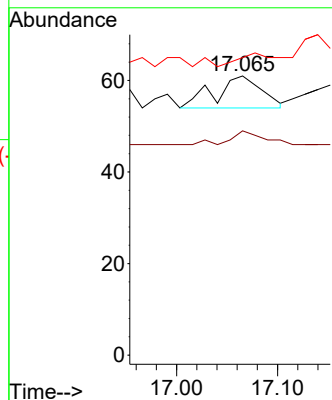
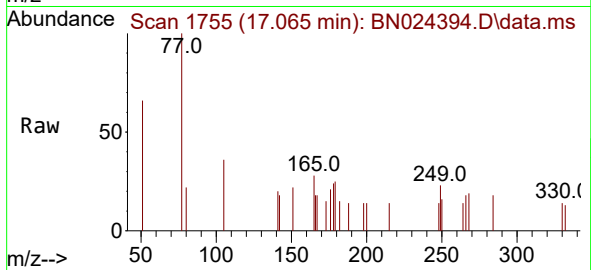
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 31.8 51.1 76.7#

268 27.3 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.382 ng

RT: 19.442 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BN024394.D

Acq: 19 Mar 2023 00:08

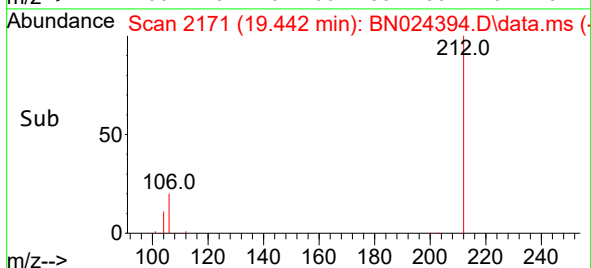
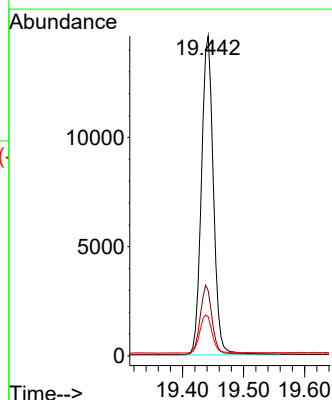
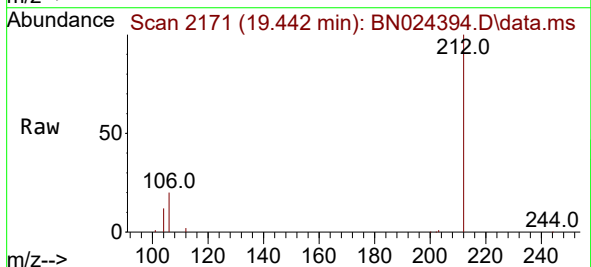
Tgt Ion:212 Resp: 20024

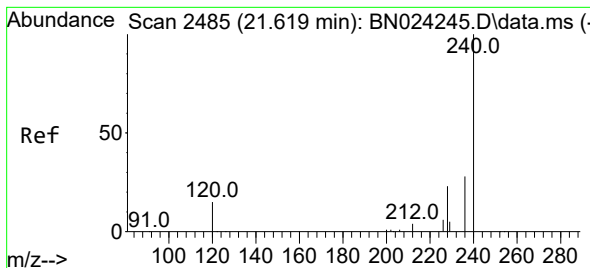
Ion Ratio Lower Upper

212 100

106 21.4 15.4 23.2

104 12.2 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BN024394.D

Acq: 19 Mar 2023 00:08

Instrument :

BNA\_N

ClientSampleId :

RE103D3-20230310

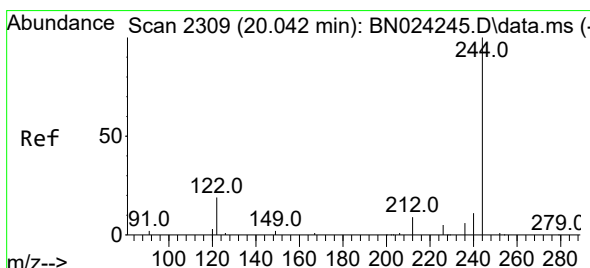
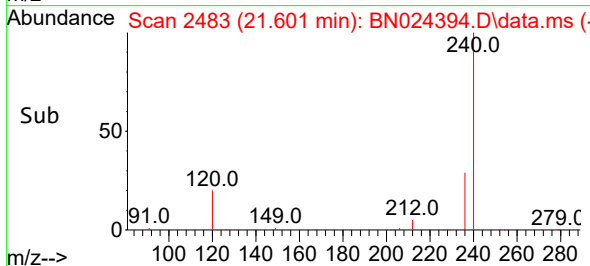
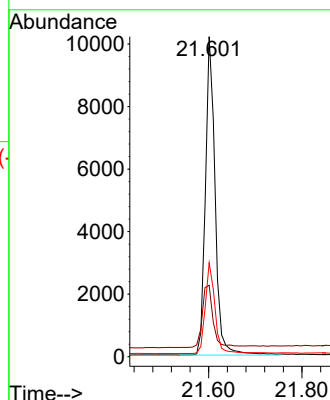
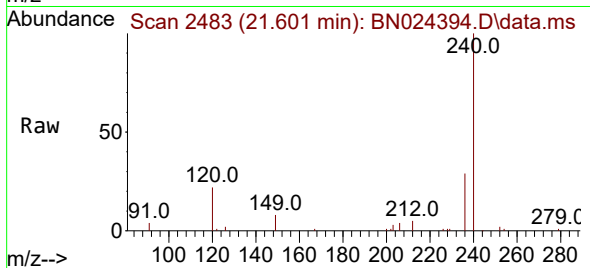
Tgt Ion:240 Resp: 14776

Ion Ratio Lower Upper

240 100

120 22.3 12.8 19.2#

236 29.3 22.5 33.7



#31

Terphenyl-d14

Concen: 0.460 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024394.D

Acq: 19 Mar 2023 00:08

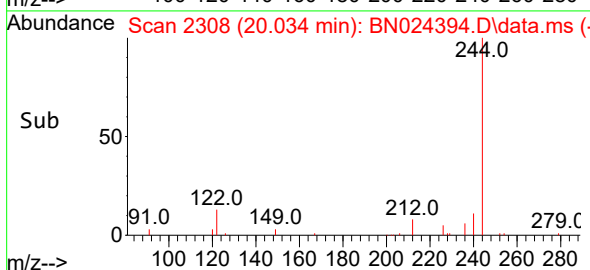
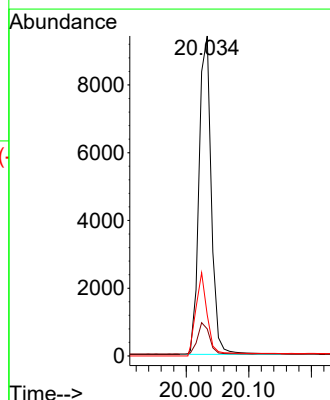
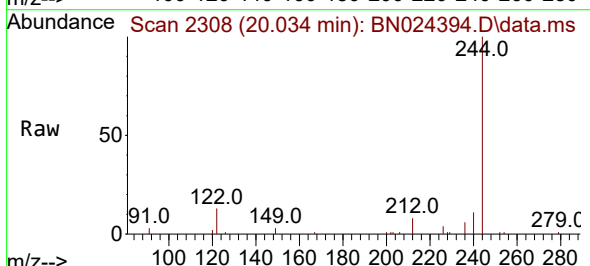
Tgt Ion:244 Resp: 11452

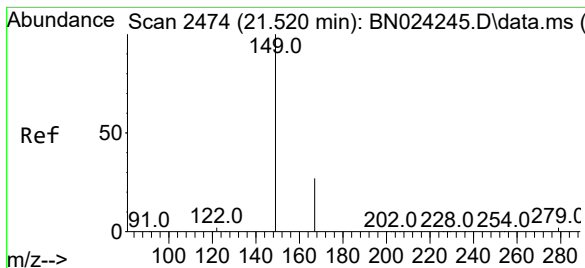
Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

122 12.8 15.1 22.7#

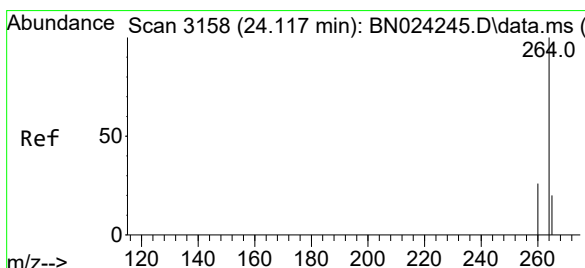
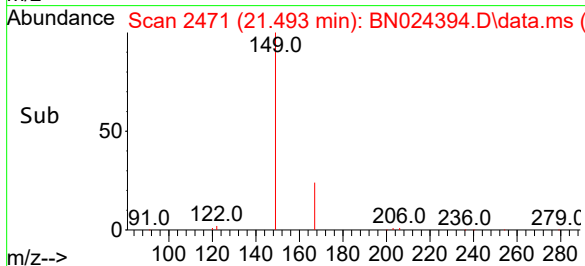
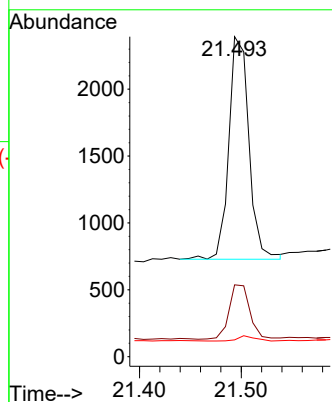
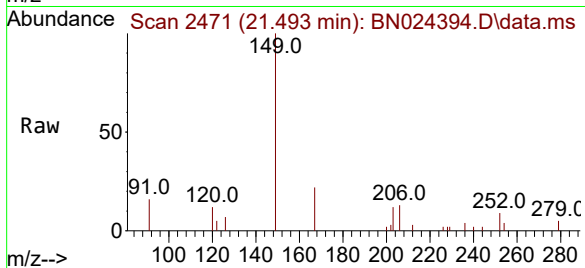




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.099 ng  
 RT: 21.493 min Scan# 2471  
 Delta R.T. -0.009 min  
 Lab File: BN024394.D  
 Acq: 19 Mar 2023 00:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20230310

Tgt Ion:149 Resp: 2289  
 Ion Ratio Lower Upper  
 149 100  
 167 25.3 21.2 31.8  
 279 2.0 1.8 2.8



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.094 min Scan# 3150  
 Delta R.T. -0.003 min  
 Lab File: BN024394.D  
 Acq: 19 Mar 2023 00:08

Tgt Ion:264 Resp: 10927  
 Ion Ratio Lower Upper  
 264 100  
 260 27.1 21.4 32.2  
 265 69.2 35.7 53.5#

