

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031723\  
 Data File : BN024358.D  
 Acq On : 17 Mar 2023 22:32  
 Operator : CG/JU  
 Sample : 01879-11  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE104D1-20230308

Quant Time: Mar 17 23:31:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 04:37:08 2023  
 Response via : Initial Calibration

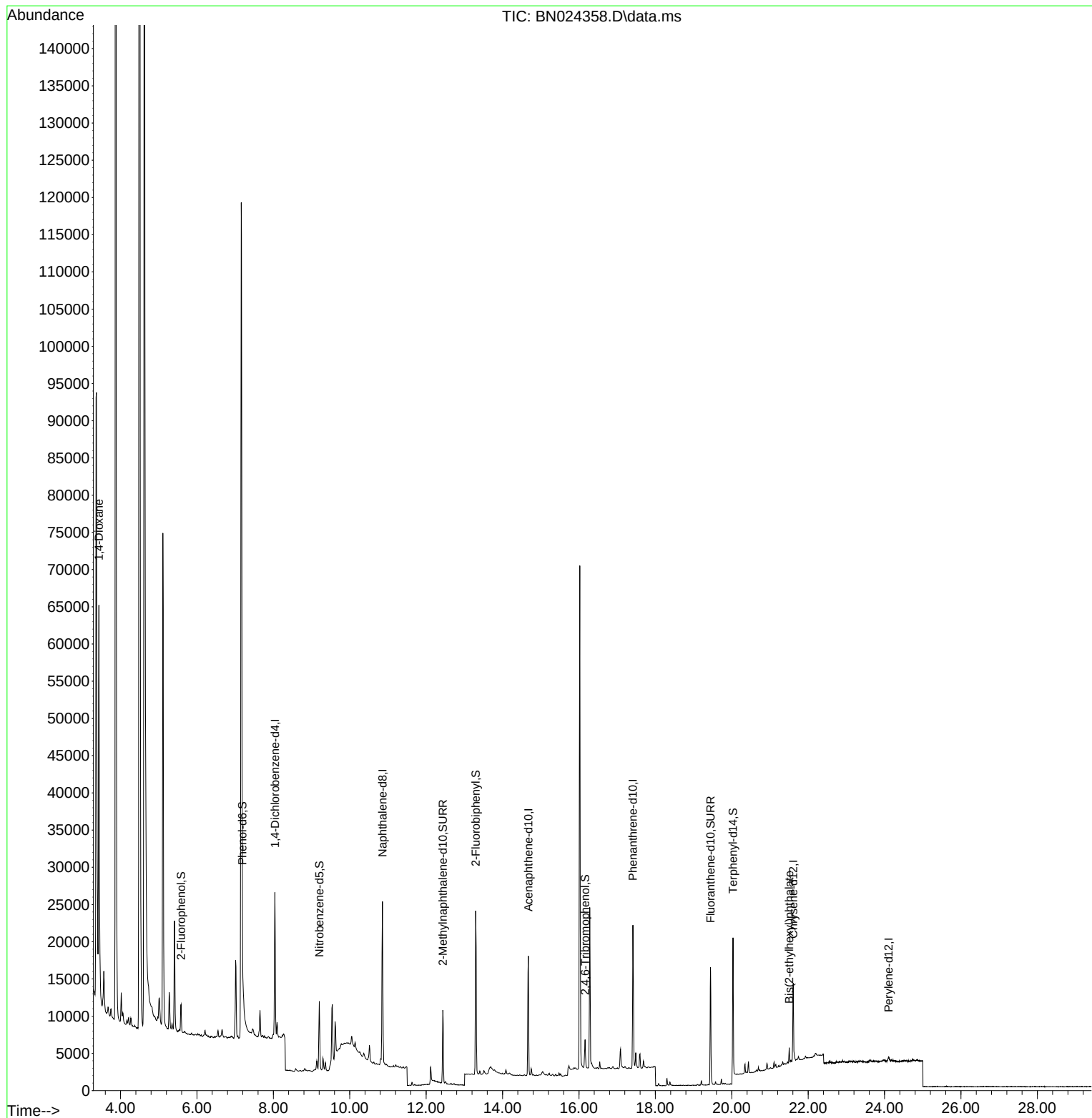
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 8895     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.855 | 136  | 27035    | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.675 | 164  | 8932     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.413 | 188  | 24048    | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.610 | 240  | 10539    | 0.400 | ng    | 0.00      |
| 35) Perylene-d12              | 24.103 | 264  | 789      | 0.400 | ng    | #-0.01    |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.584  | 112  | 3058     | 0.155 | ng    | 0.00      |
| 5) Phenol-d6                  | 7.188  | 99   | 3737     | 0.148 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 9.201  | 82   | 7251     | 0.401 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.437 | 152  | 12571    | 0.378 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 1936     | 0.424 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.296 | 172  | 18476    | 0.548 | ng    | -0.01     |
| 27) Fluoranthene-d10          | 19.442 | 212  | 16334    | 0.320 | ng    | 0.00      |
| 31) Terphenyl-d14             | 20.034 | 244  | 13404    | 0.754 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.432  | 88   | 33843    | 3.497 | ng    | Qvalue 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.502 | 149  | 2253     | 0.136 | ng    | 91        |
| -----                         |        |      |          |       |       |           |

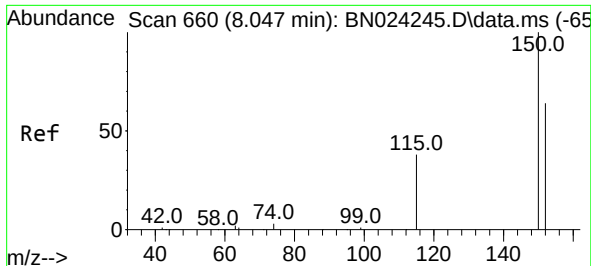
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031723\  
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RE104D1-20230308

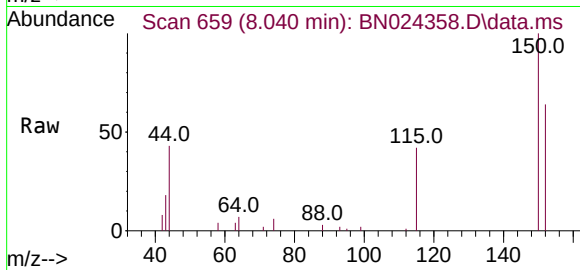
Quant Time: Mar 17 23:31:08 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 17 04:37:08 2023  
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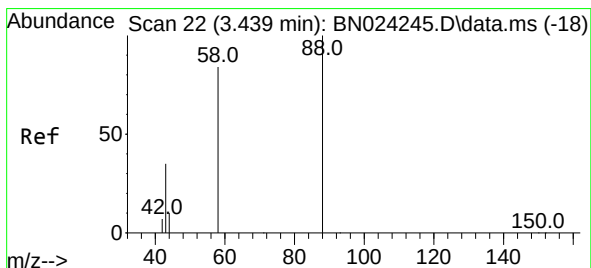
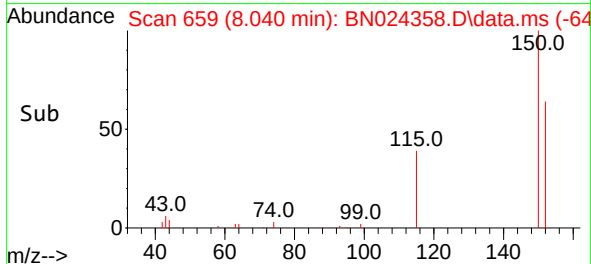
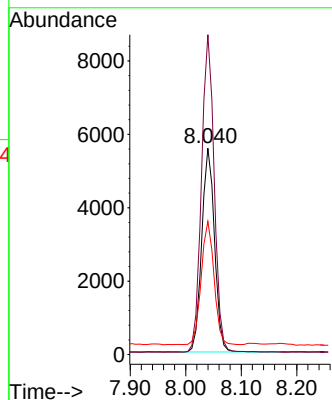


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.040 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024358.D  
 Acq: 17 Mar 2023 22:32

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE104D1-20230308

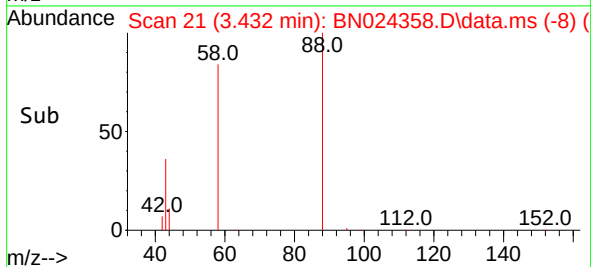
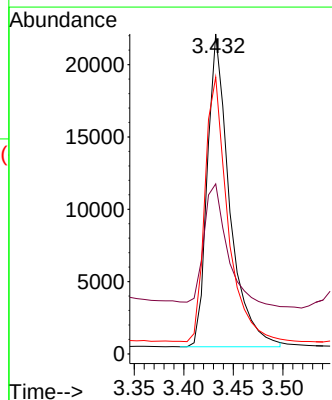
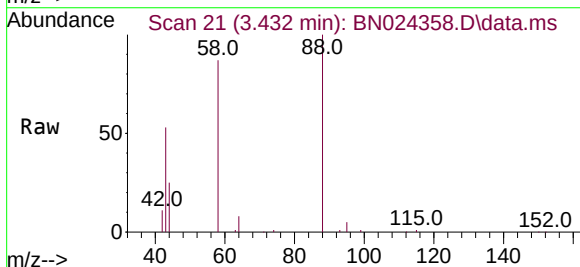


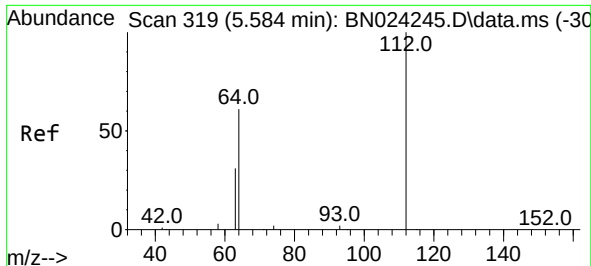
Tgt Ion:152 Resp: 8895  
 Ion Ratio Lower Upper  
 152 100  
 150 155.1 124.7 187.1  
 115 64.6 49.1 73.7



#2  
 1,4-Dioxane  
 Concen: 3.497 ng  
 RT: 3.432 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BN024358.D  
 Acq: 17 Mar 2023 22:32

Tgt Ion: 88 Resp: 33843  
 Ion Ratio Lower Upper  
 88 100  
 43 41.5 29.0 43.4  
 58 86.1 67.3 100.9

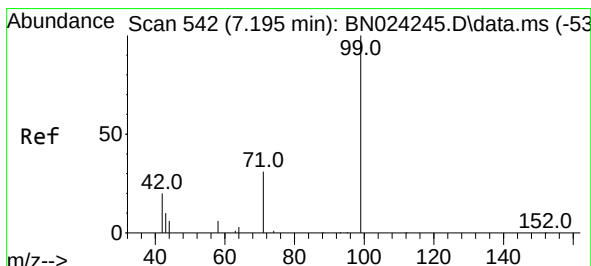
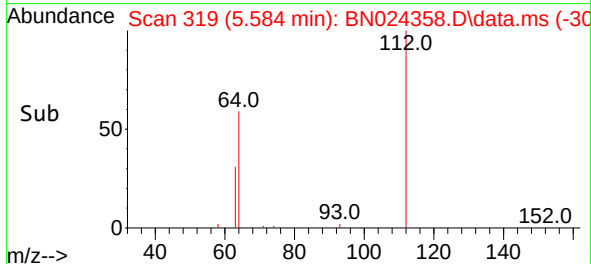
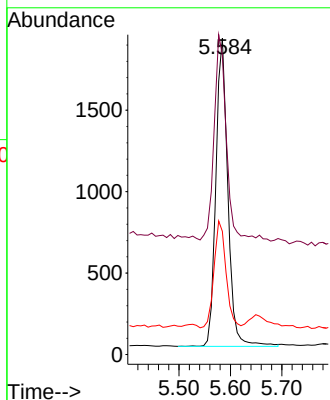
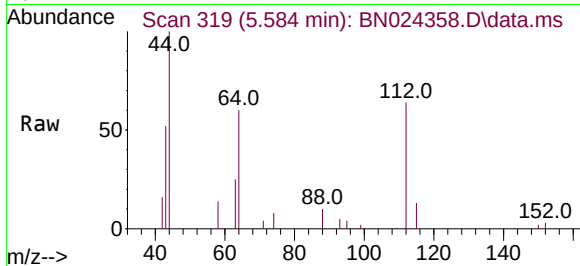




#4  
2-Fluorophenol  
Concen: 0.155 ng  
RT: 5.584 min Scan# 319  
Delta R.T. 0.007 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

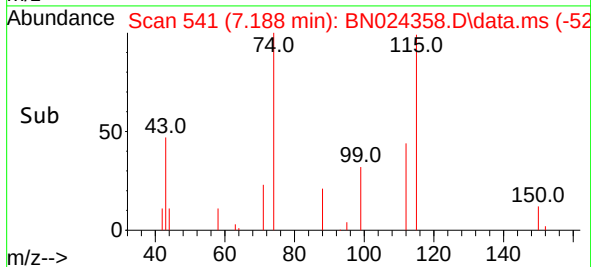
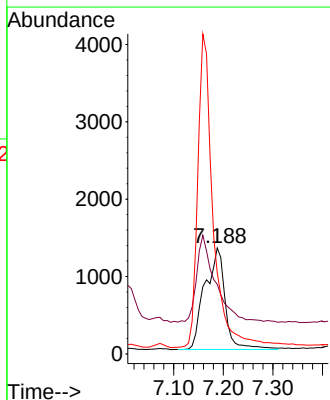
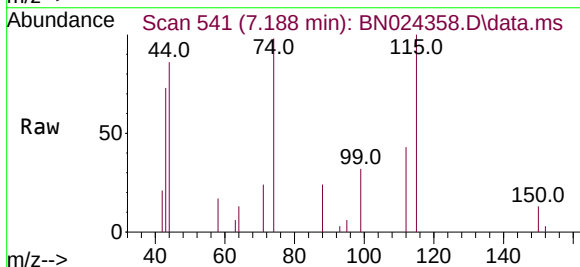
Instrument :  
BNA\_N  
ClientSampleId :  
RE104D1-20230308

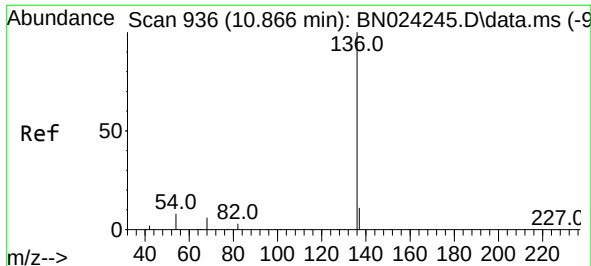
Tgt Ion:112 Resp: 3058  
Ion Ratio Lower Upper  
112 100  
64 69.5 49.0 73.6  
63 34.9 25.7 38.5



#5  
Phenol-d6  
Concen: 0.148 ng  
RT: 7.188 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

Tgt Ion: 99 Resp: 3737  
Ion Ratio Lower Upper  
99 100  
42 0.0 20.1 30.1#  
71 0.0 25.8 38.8#

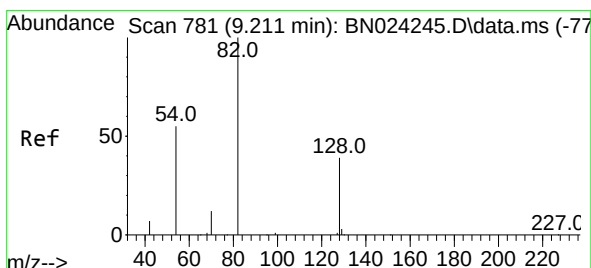
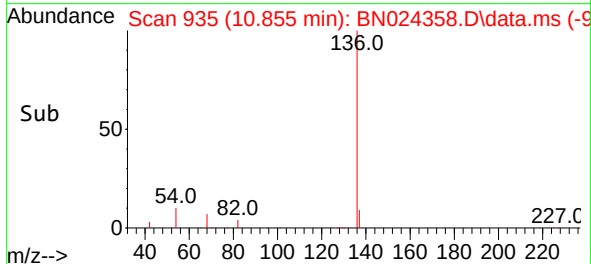
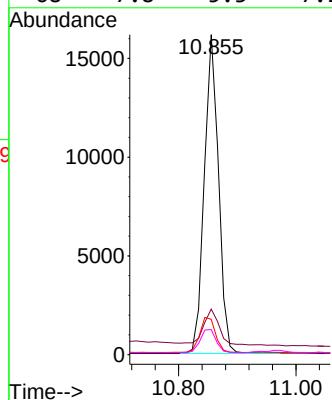
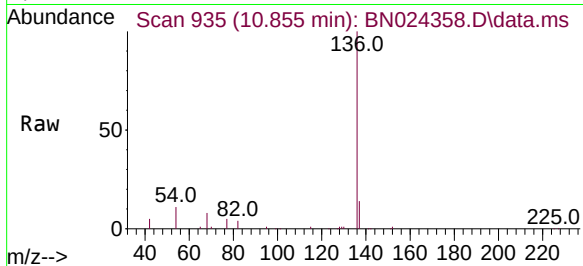




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.855 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

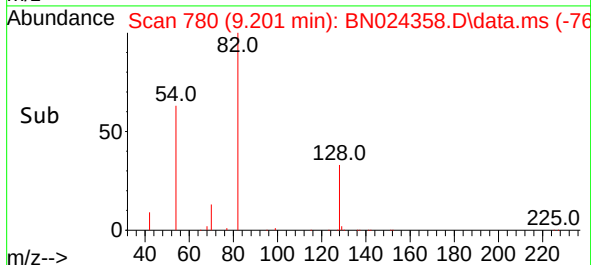
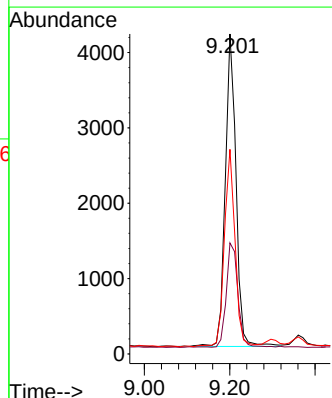
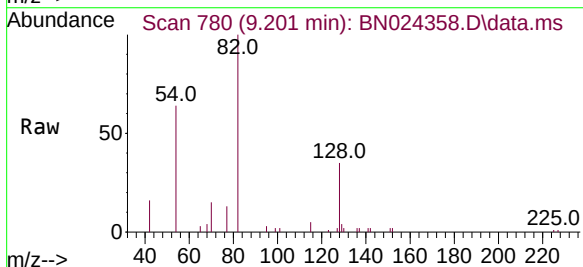
Instrument :  
BNA\_N  
ClientSampleId :  
RE104D1-20230308

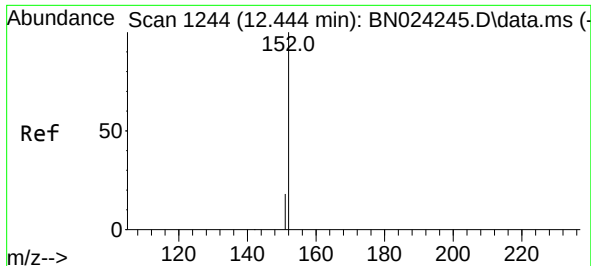
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 27035 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 14.2  | 8.9   | 13.3# |
| 54        | 11.0  | 7.1   | 10.7# |
| 68        | 7.8   | 5.3   | 7.9   |



#8  
Nitrobenzene-d5  
Concen: 0.401 ng  
RT: 9.201 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

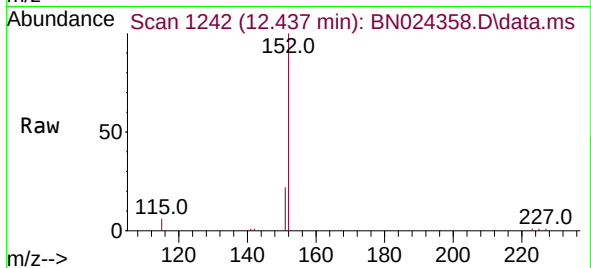
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 7251 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 34.7  | 32.4  | 48.6 |
| 54        | 63.9  | 45.2  | 67.8 |



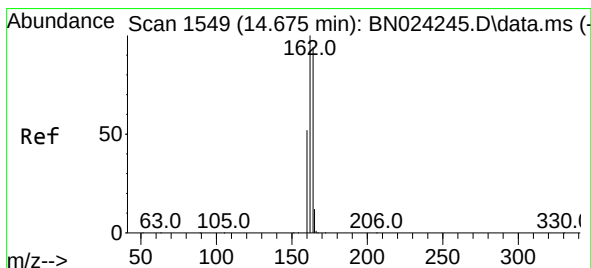
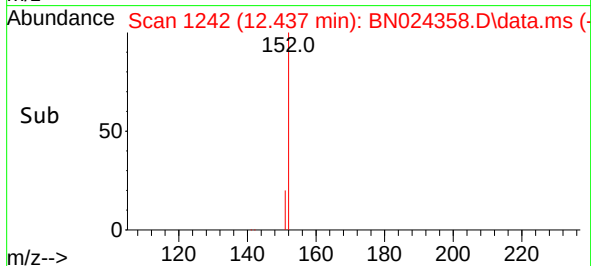
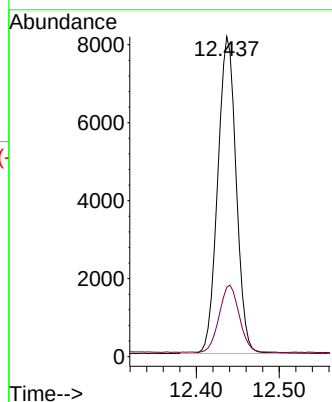


#11  
2-Methylnaphthalene-d10  
Concen: 0.378 ng  
RT: 12.437 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

Instrument :  
BNA\_N  
ClientSampleId :  
RE104D1-20230308

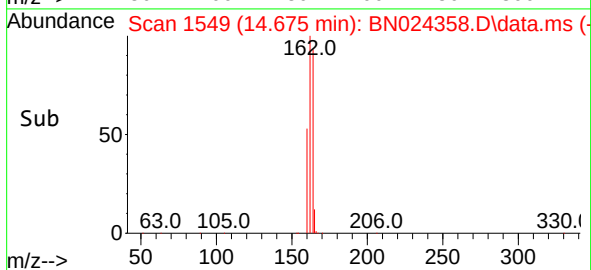
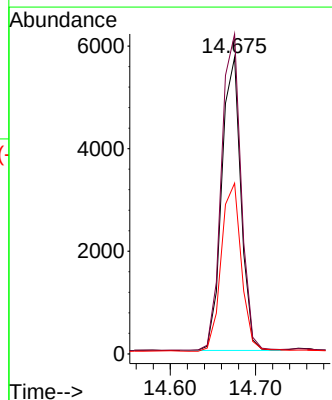
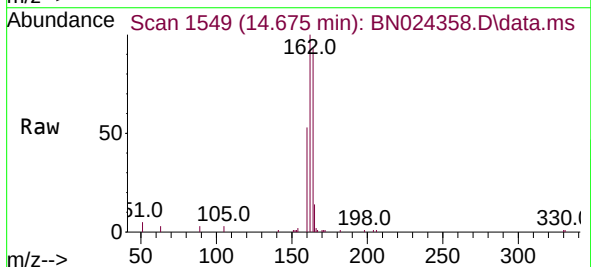


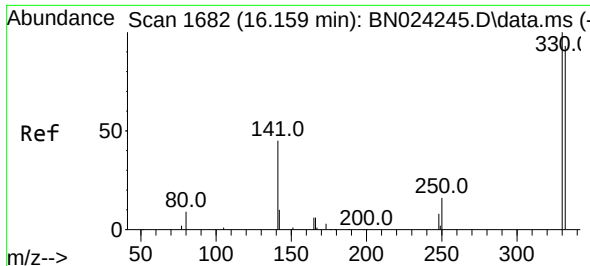
Tgt Ion:152 Resp: 12571  
Ion Ratio Lower Upper  
152 100  
151 23.1 16.8 25.2



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.675 min Scan# 1549  
Delta R.T. 0.000 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

Tgt Ion:164 Resp: 8932  
Ion Ratio Lower Upper  
164 100  
162 107.9 84.7 127.1  
160 57.5 44.6 66.8

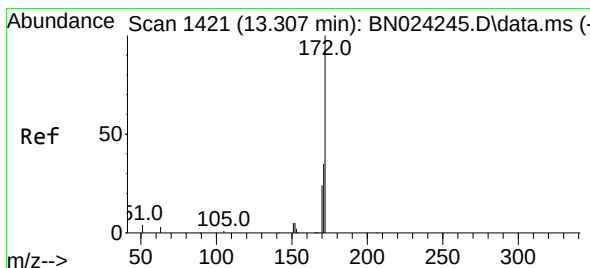
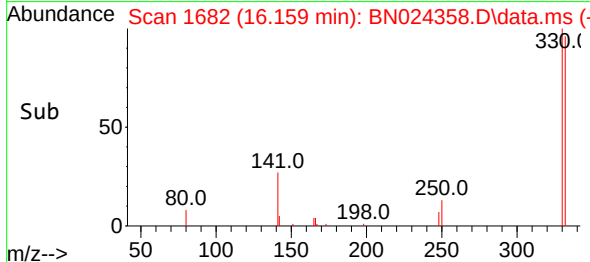
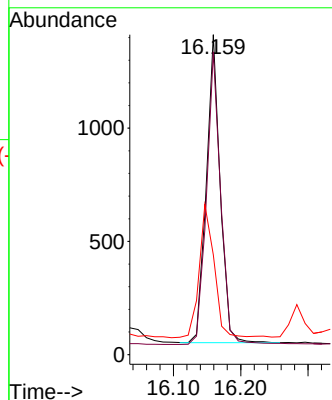
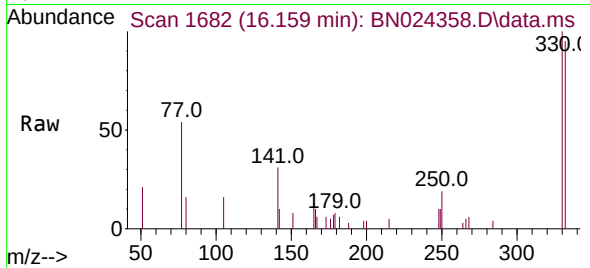




#14  
2,4,6-Tribromophenol  
Concen: 0.424 ng  
RT: 16.159 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

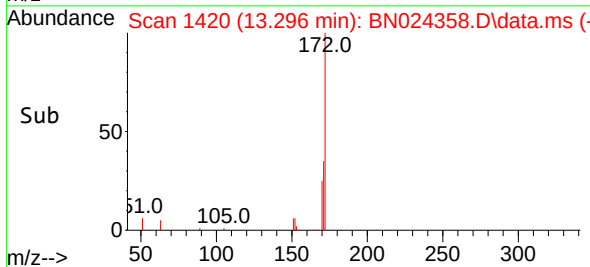
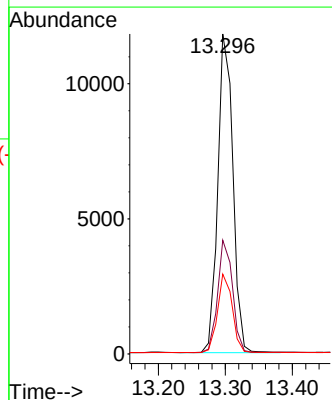
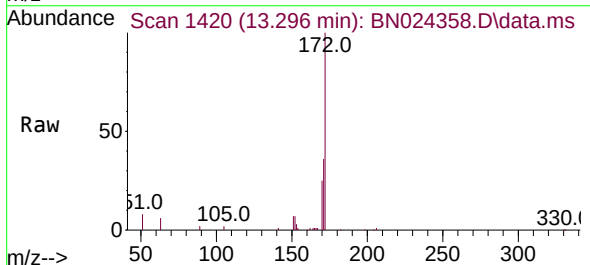
Instrument :  
BNA\_N  
ClientSampleId :  
RE104D1-20230308

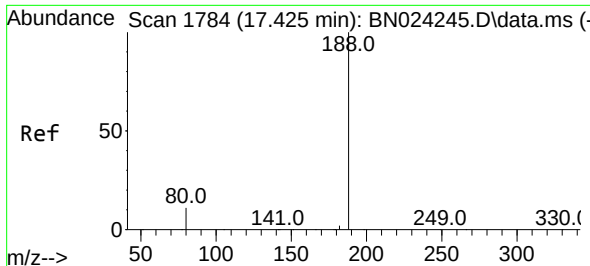
Tgt Ion: 330 Resp: 1936  
Ion Ratio Lower Upper  
330 100  
332 97.2 78.0 117.0  
141 47.1 30.8 46.2#



#15  
2-Fluorobiphenyl  
Concen: 0.548 ng  
RT: 13.296 min Scan# 1420  
Delta R.T. -0.011 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

Tgt Ion: 172 Resp: 18476  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.8 41.8  
170 24.9 19.0 28.6

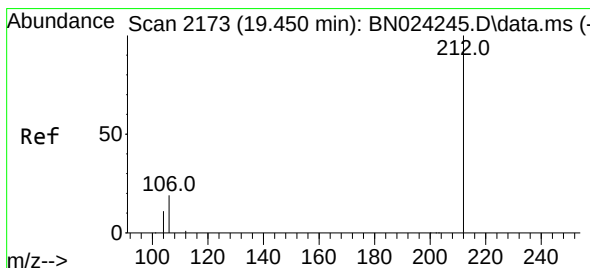
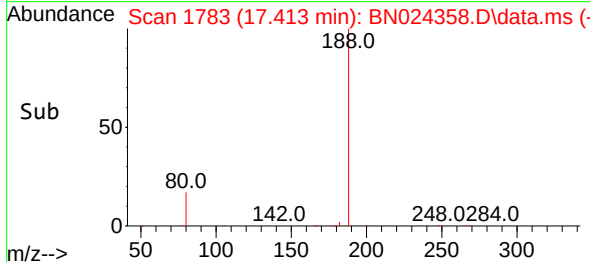
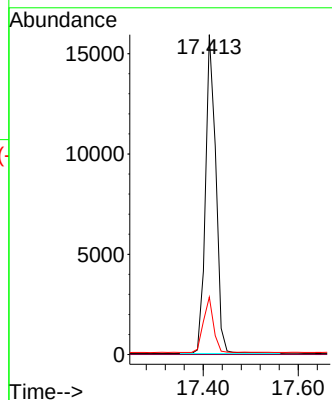
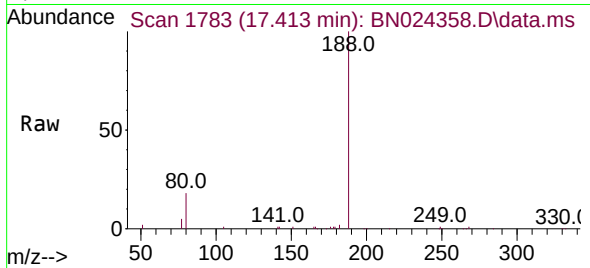




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.413 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

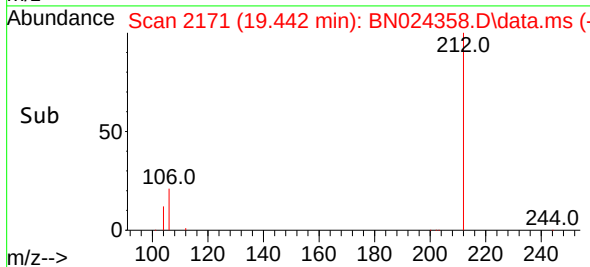
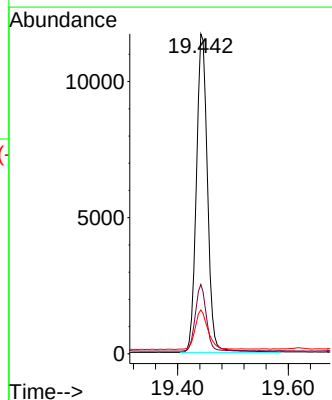
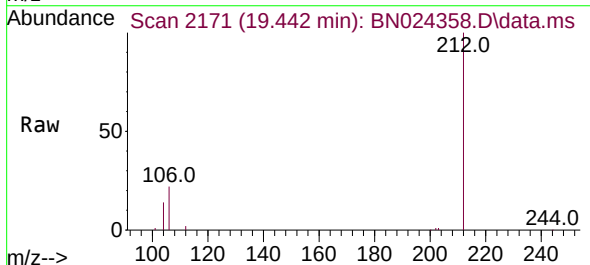
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:188 Resp: 24048  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 18.0 8.9 13.3#

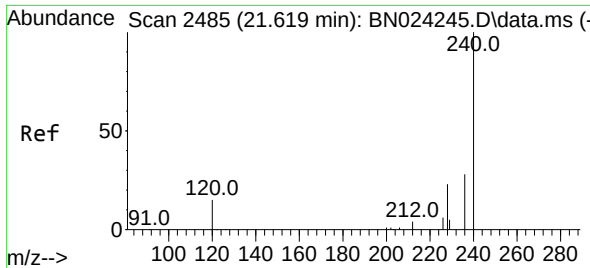


#27  
Fluoranthene-d10  
Concen: 0.320 ng  
RT: 19.442 min Scan# 2171  
Delta R.T. -0.004 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

Tgt Ion:212 Resp: 16334  
Ion Ratio Lower Upper  
212 100  
106 20.7 15.4 23.2  
104 14.0 8.6 13.0#



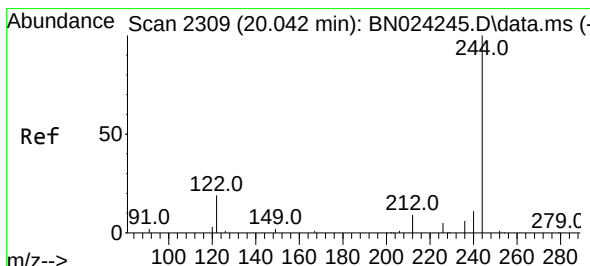
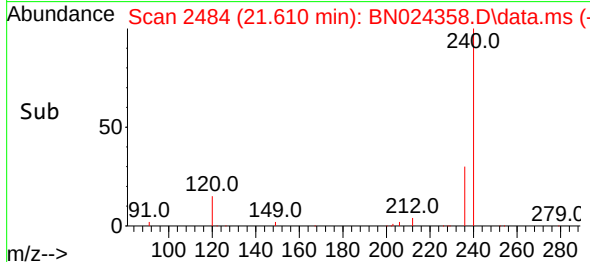
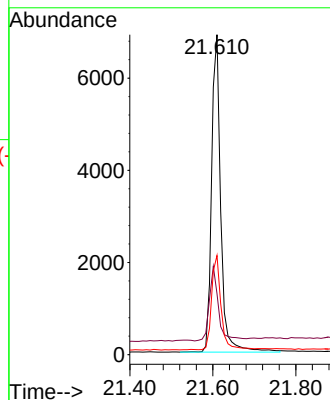
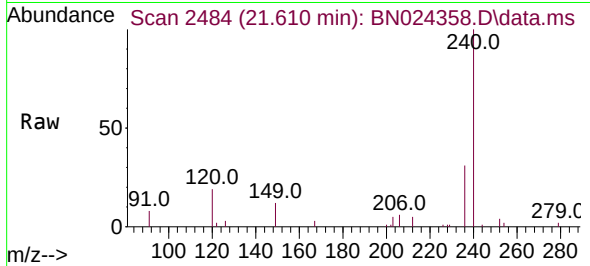




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.610 min Scan# 2485  
Delta R.T. 0.009 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

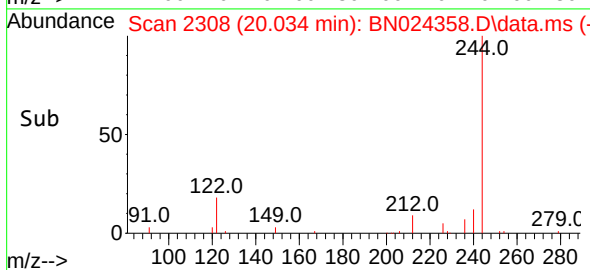
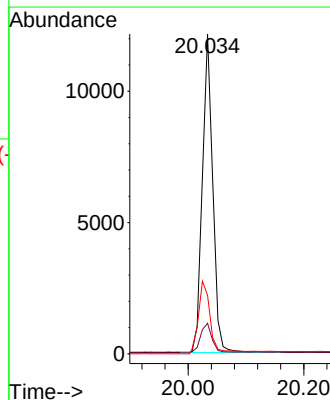
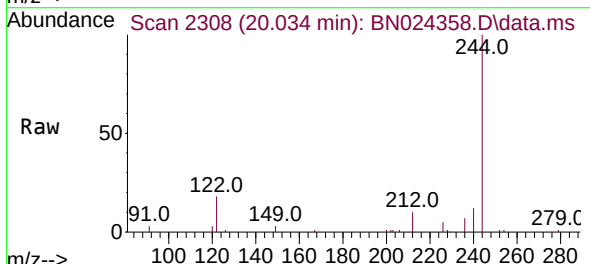
Instrument :  
BNA\_N  
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RE104D1-20230308

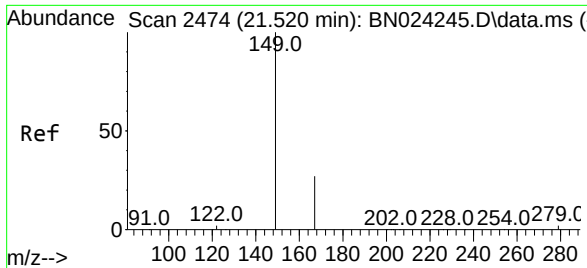
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Ion Ratio Lower Upper  
240 100  
120 19.0 12.8 19.2  
236 31.0 22.5 33.7



#31  
Terphenyl-d14  
Concen: 0.754 ng  
RT: 20.034 min Scan# 2308  
Delta R.T. 0.000 min  
Lab File: BN024358.D  
Acq: 17 Mar 2023 22:32

Tgt Ion:244 Resp: 13404  
Ion Ratio Lower Upper  
244 100  
212 9.6 7.6 11.4  
122 18.3 15.1 22.7

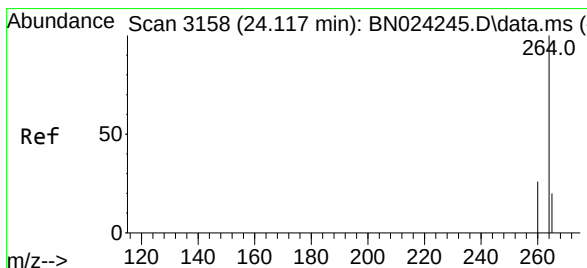
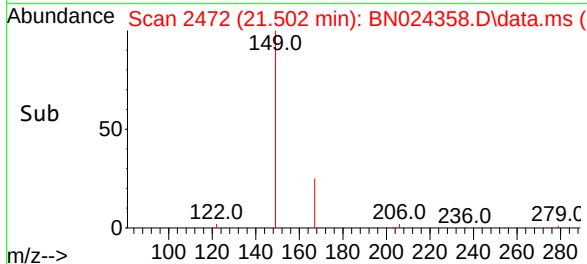
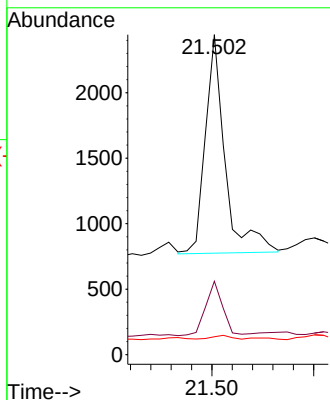
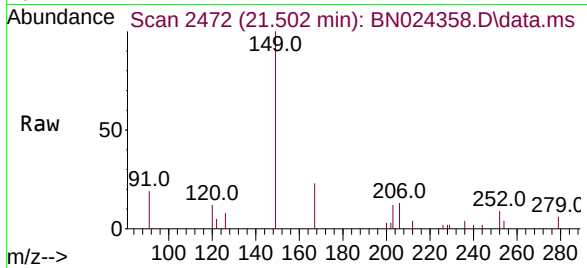




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.136 ng  
 RT: 21.502 min Scan# 2474  
 Delta R.T. 0.000 min  
 Lab File: BN024358.D  
 Acq: 17 Mar 2023 22:32

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE104D1-20230308

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 2253 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 21.5  | 21.2  | 31.8 |
| 279       | 2.0   | 1.8   | 2.8  |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.103 min Scan# 3153  
 Delta R.T. -0.012 min  
 Lab File: BN024358.D  
 Acq: 17 Mar 2023 22:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 789   |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 48.5  | 21.4  | 32.2# |
| 265       | 596.8 | 35.7  | 53.5# |

