

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112922\  
 Data File : BN022949.D  
 Acq On : 29 Nov 2022 12:46  
 Operator : CG/JU  
 Sample : N5671-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D2-20221115

Quant Time: Nov 30 00:22:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 05:14:21 2022  
 Response via : Initial Calibration

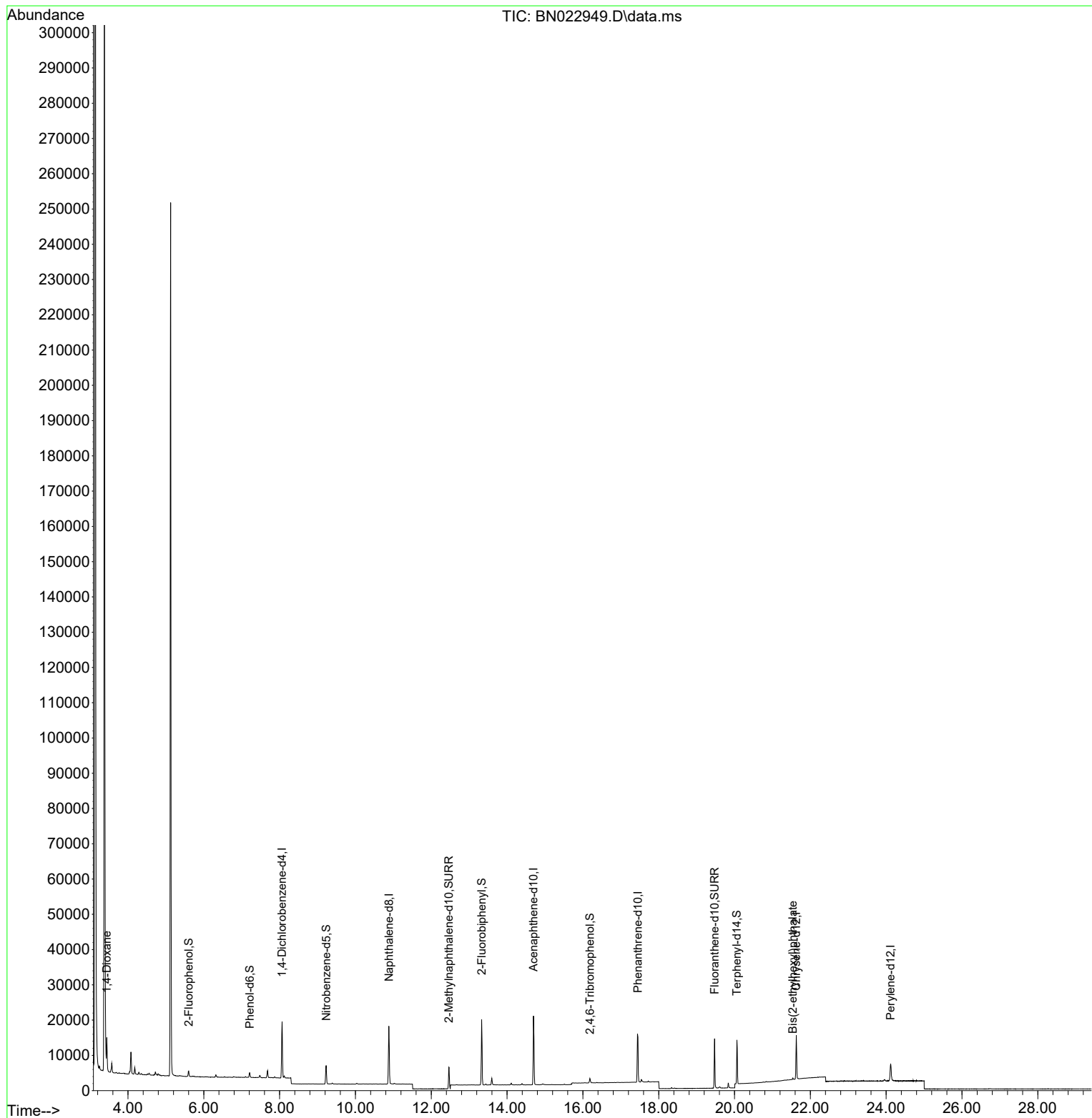
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 7417     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.882 | 136  | 20482    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.698 | 164  | 10246    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.452 | 188  | 20348    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.629 | 240  | 10956    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.119 | 264  | 7493     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.601  | 112  | 1287     | 0.067 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.212  | 99   | 1167     | 0.048 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.228  | 82   | 4153     | 0.261 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.465 | 152  | 10592    | 0.238 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 710      | 0.144 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 14873    | 0.317 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.473 | 212  | 14684    | 0.266 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.062 | 244  | 10578    | 0.411 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.442  | 88   | 5140     | 0.546 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.540 | 149  | 498      | 0.028 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

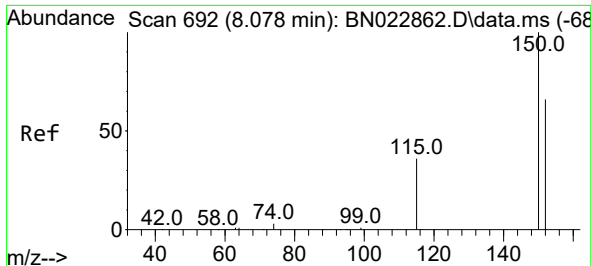
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112922\  
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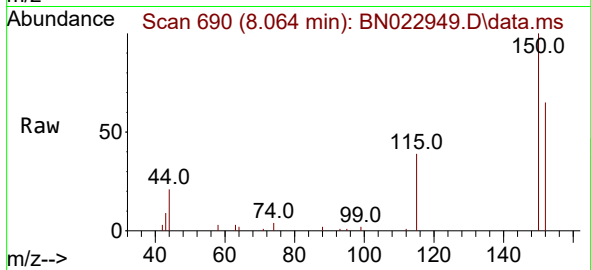
Quant Time: Nov 30 00:22:13 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 29 05:14:21 2022  
Response via : Initial Calibration



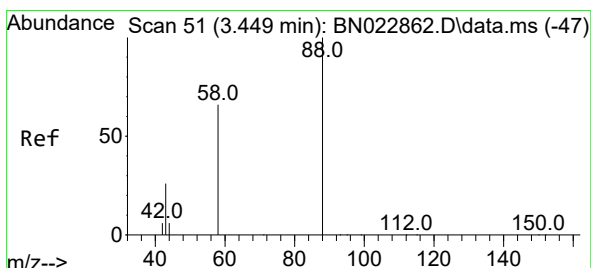
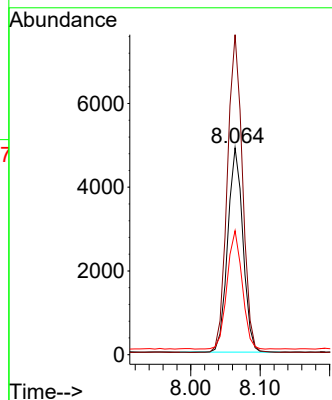
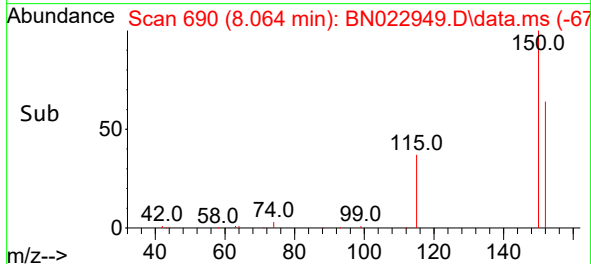


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.064 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN022949.D  
 Acq: 29 Nov 2022 12:46

Instrument :  
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 ClientSampleId :  
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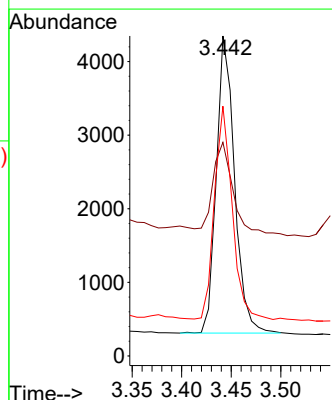
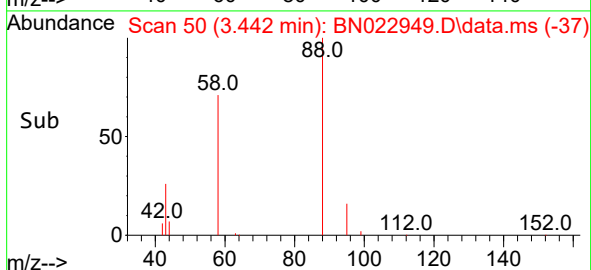
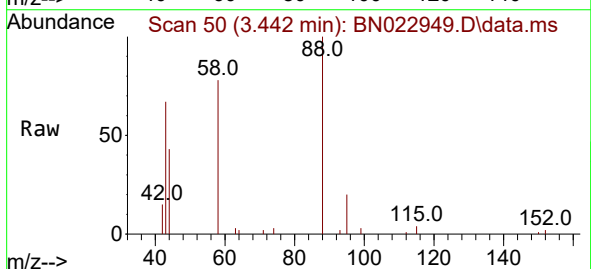


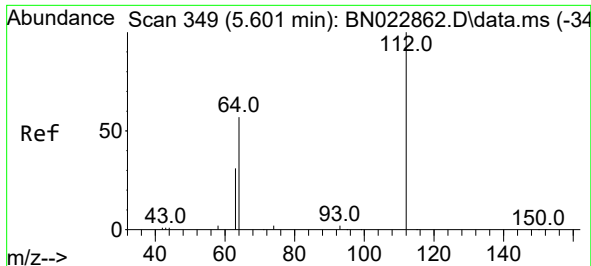
Tgt Ion:152 Resp: 7417  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 121.2 181.8  
 115 59.9 46.2 69.4



#2  
 1,4-Dioxane  
 Concen: 0.546 ng  
 RT: 3.442 min Scan# 50  
 Delta R.T. -0.007 min  
 Lab File: BN022949.D  
 Acq: 29 Nov 2022 12:46

Tgt Ion: 88 Resp: 5140  
 Ion Ratio Lower Upper  
 88 100  
 43 33.3 25.4 38.2  
 58 70.1 56.5 84.7

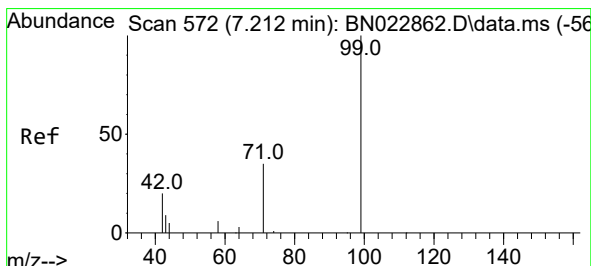
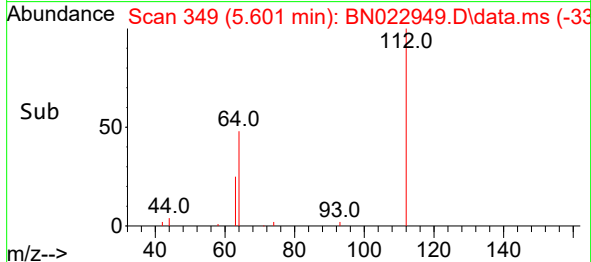
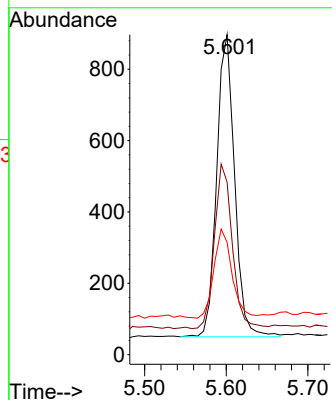
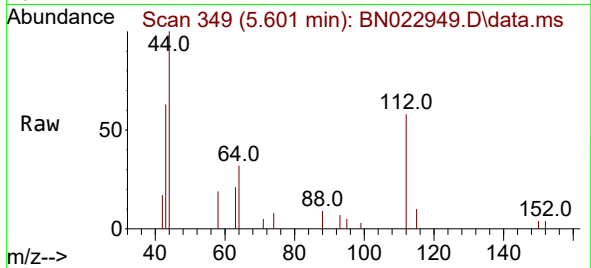




#4  
2-Fluorophenol  
Concen: 0.067 ng  
RT: 5.601 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

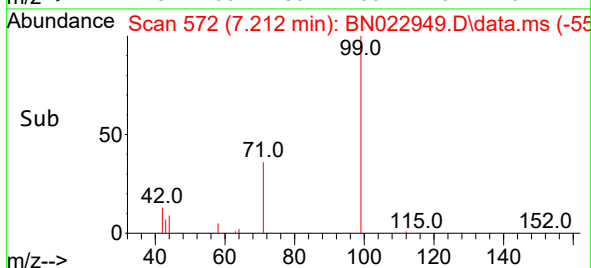
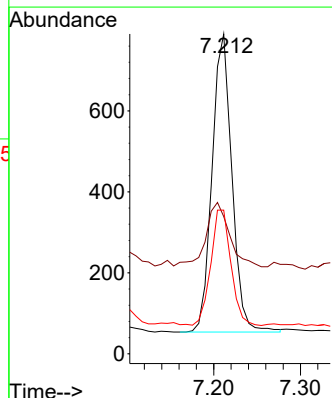
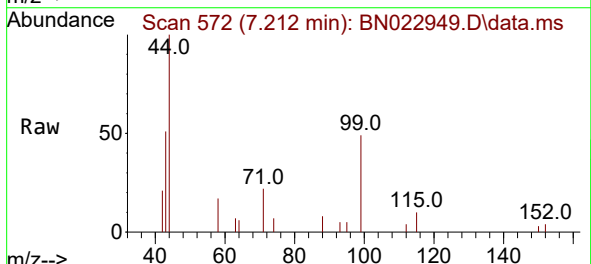
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D2-20221115

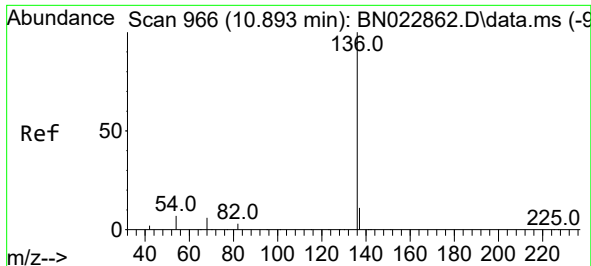
Tgt Ion:112 Resp: 1287  
Ion Ratio Lower Upper  
112 100  
64 54.8 43.4 65.2  
63 29.9 23.4 35.2



#5  
Phenol-d6  
Concen: 0.048 ng  
RT: 7.212 min Scan# 572  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

Tgt Ion: 99 Resp: 1167  
Ion Ratio Lower Upper  
99 100  
42 26.6 16.0 24.0#  
71 39.5 26.8 40.2

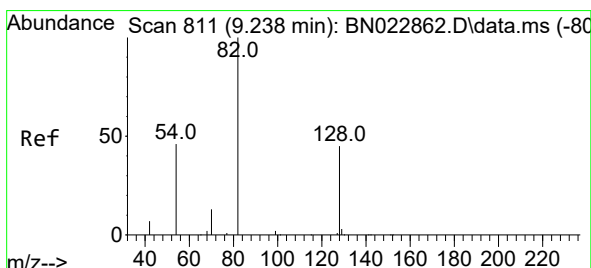
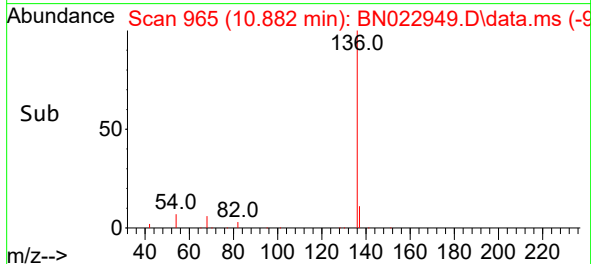
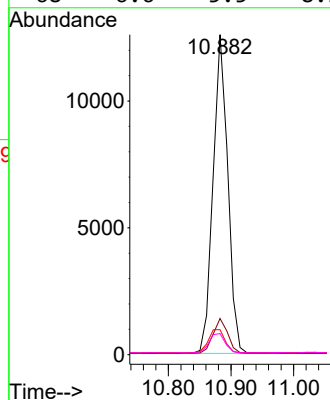
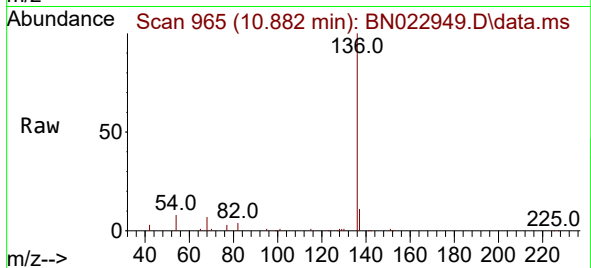




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.882 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

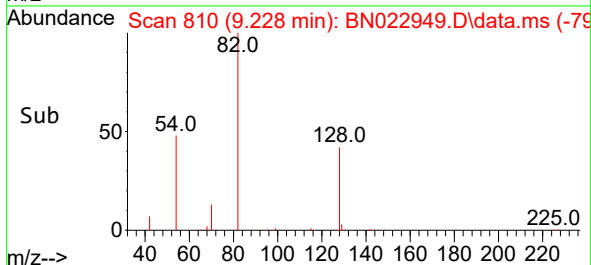
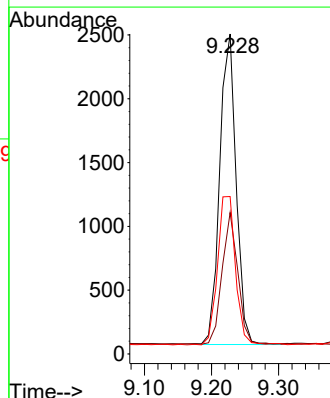
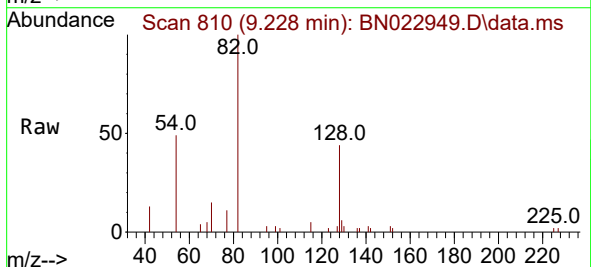
Instrument :  
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MW179D2-20221115

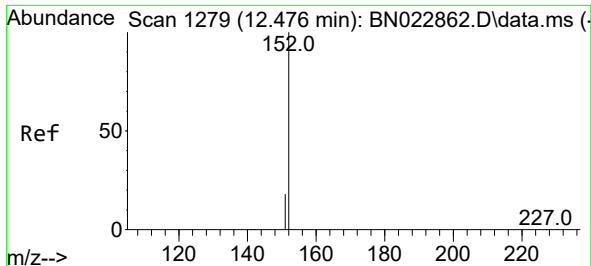
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 20482 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.0   | 13.4  |
| 54        | 7.8   | 6.6   | 9.8   |
| 68        | 6.6   | 5.5   | 8.3   |



#8  
Nitrobenzene-d5  
Concen: 0.261 ng  
RT: 9.228 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4153 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.2  | 36.6  | 54.8 |
| 54        | 49.2  | 38.5  | 57.7 |

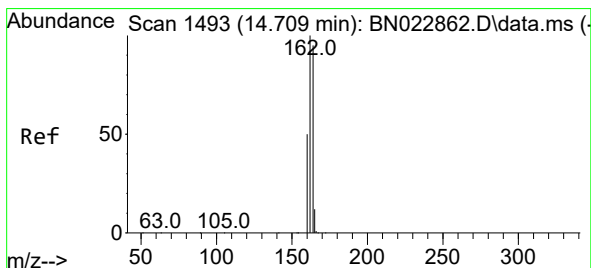
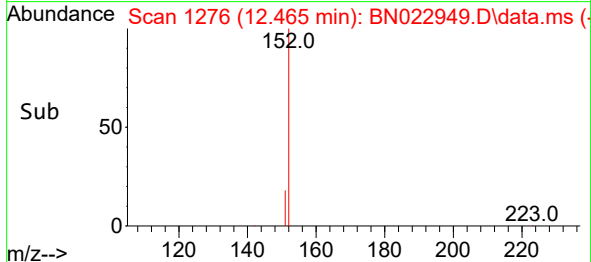
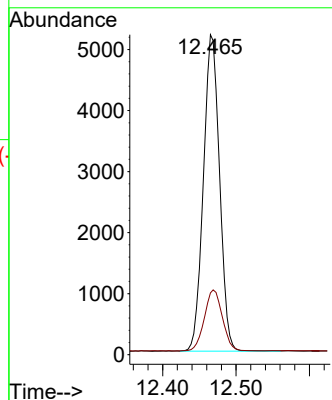
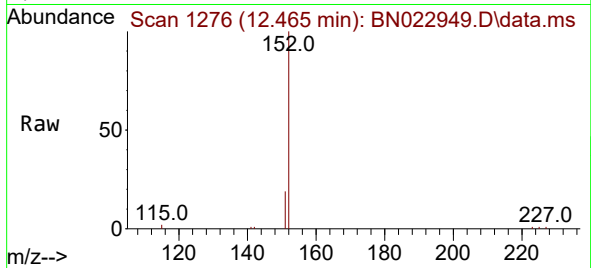




#11  
2-Methylnaphthalene-d10  
Concen: 0.238 ng  
RT: 12.465 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

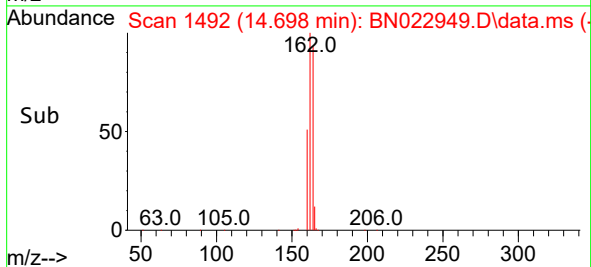
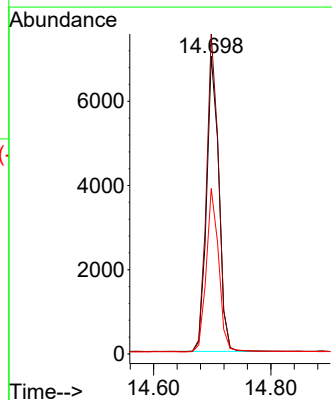
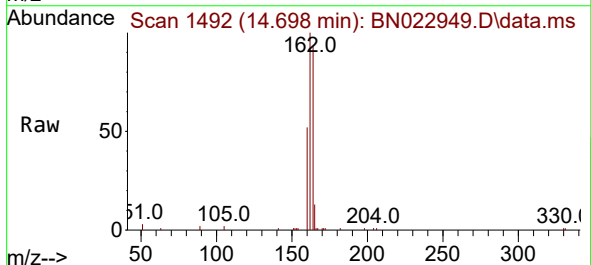
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D2-20221115

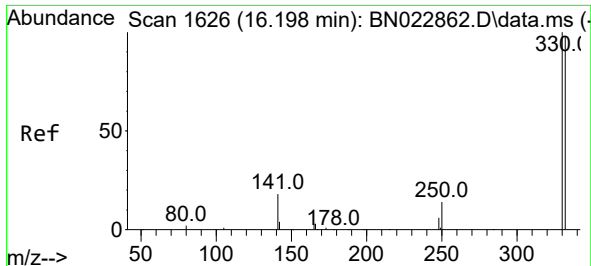
Tgt Ion:152 Resp: 10592  
Ion Ratio Lower Upper  
152 100  
151 18.4 18.6 27.8#



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.698 min Scan# 1492  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

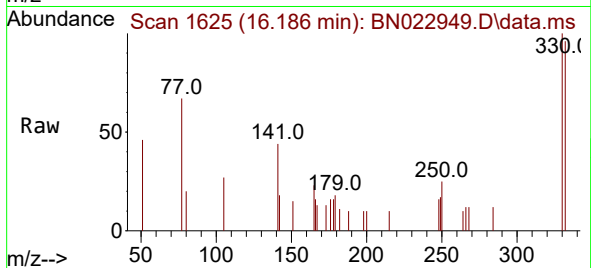
Tgt Ion:164 Resp: 10246  
Ion Ratio Lower Upper  
164 100  
162 107.5 84.2 126.4  
160 55.6 42.5 63.7



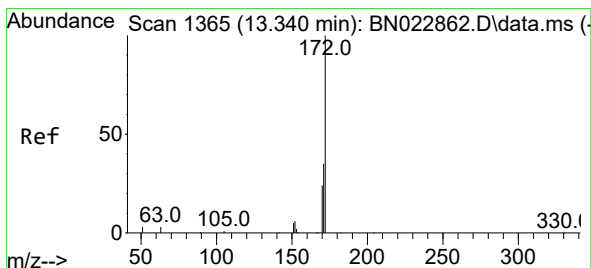
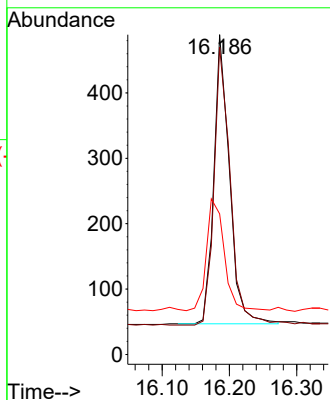
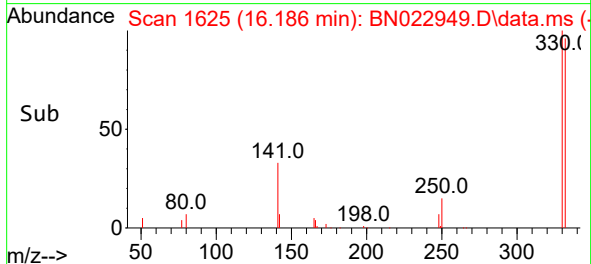


#14  
2,4,6-Tribromophenol  
Concen: 0.144 ng  
RT: 16.186 min Scan# 1625  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

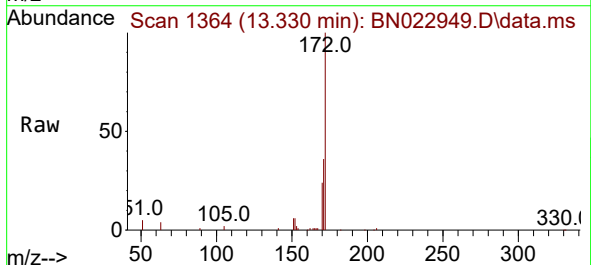
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D2-20221115



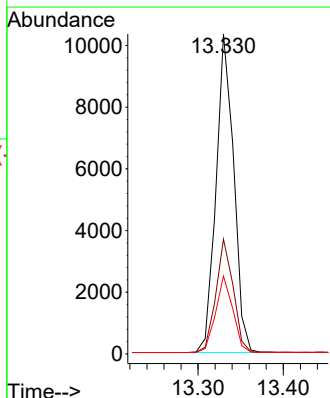
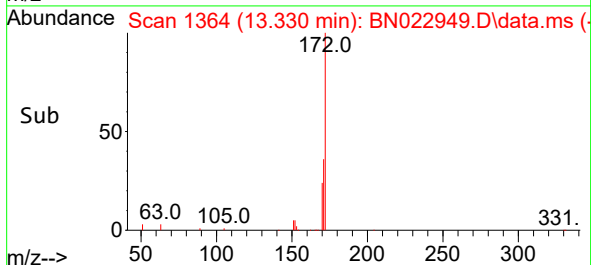
Tgt Ion:330 Resp: 710  
Ion Ratio Lower Upper  
330 100  
332 100.6 76.5 114.7  
141 43.9 32.6 48.8

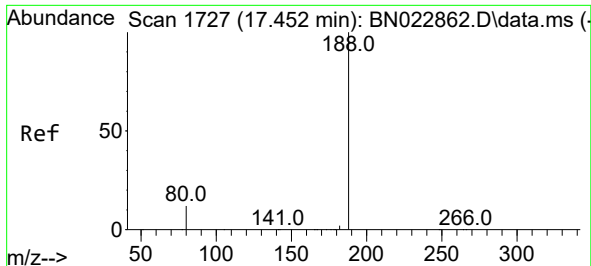


#15  
2-Fluorobiphenyl  
Concen: 0.317 ng  
RT: 13.330 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46



Tgt Ion:172 Resp: 14873  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.2 42.4  
170 24.4 19.3 28.9

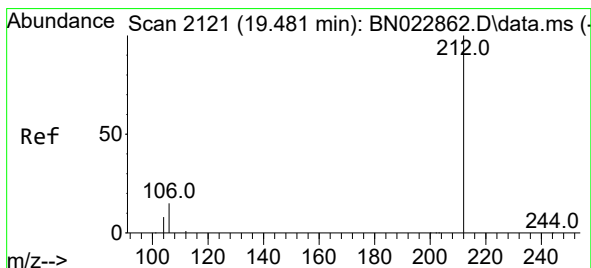
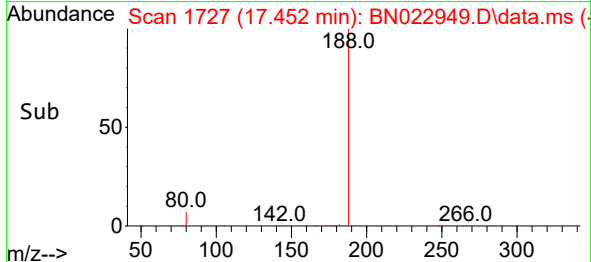
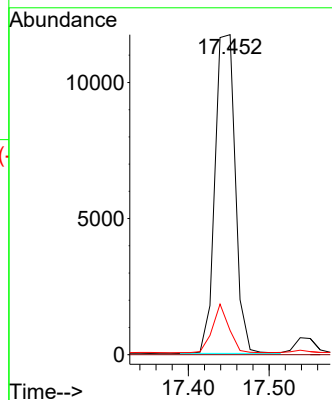
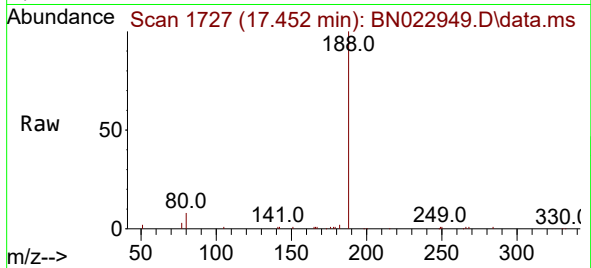




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.452 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

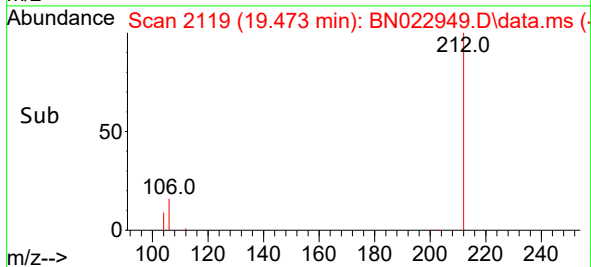
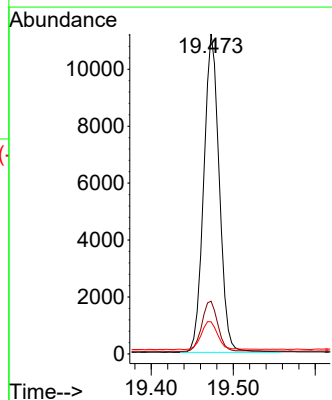
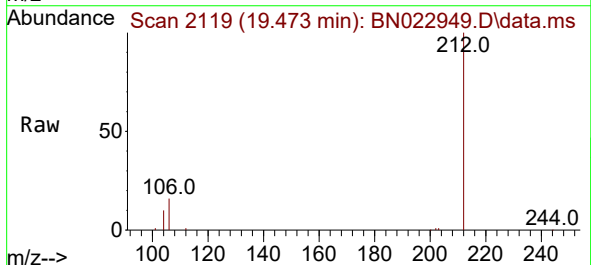
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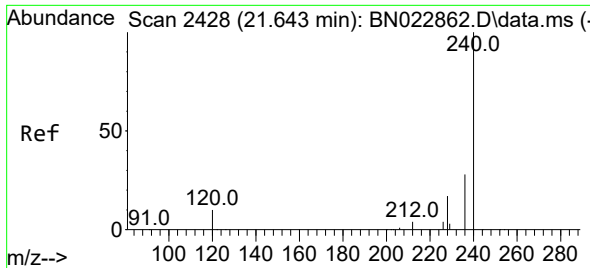
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.6 10.3 15.5#



#27  
Fluoranthene-d10  
Concen: 0.266 ng  
RT: 19.473 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

Tgt Ion:212 Resp: 14684  
Ion Ratio Lower Upper  
212 100  
106 16.2 12.3 18.5  
104 9.4 7.0 10.4

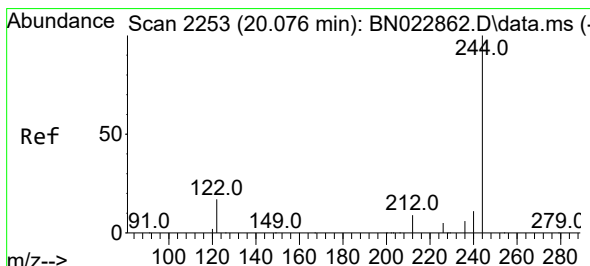
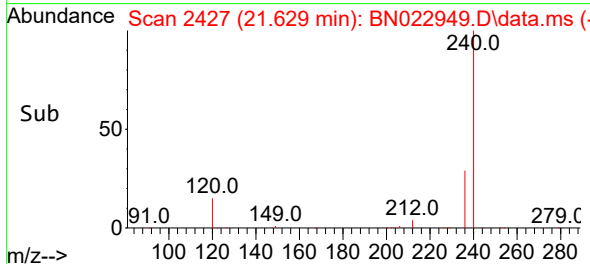
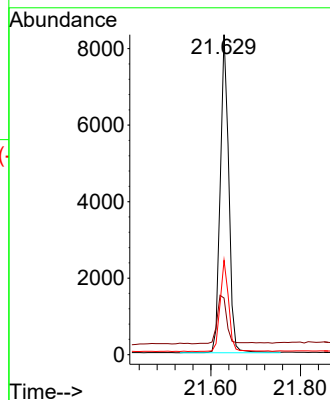
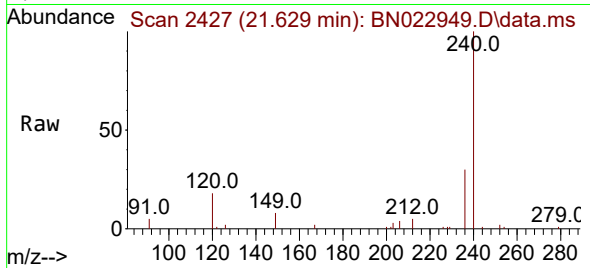




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.629 min Scan# 2427  
Delta R.T. -0.005 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

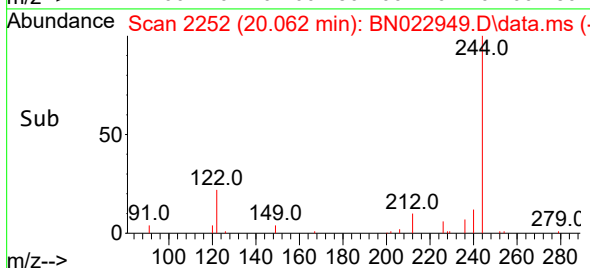
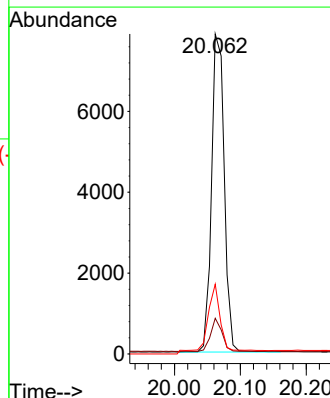
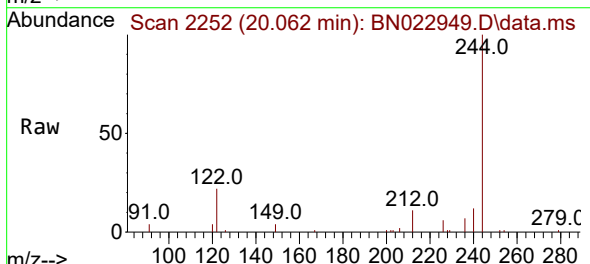
Instrument :  
BNA\_N  
ClientSampleId :  
MW179D2-20221115

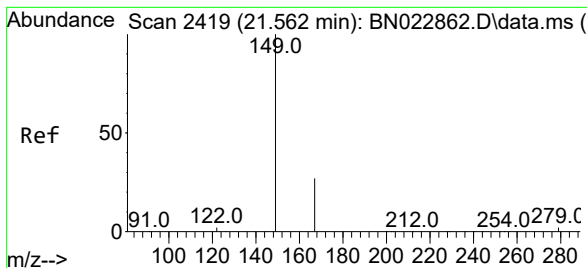
Tgt Ion:240 Resp: 10956  
Ion Ratio Lower Upper  
240 100  
120 17.7 9.2 13.8#  
236 29.5 22.6 34.0



#31  
Terphenyl-d14  
Concen: 0.411 ng  
RT: 20.062 min Scan# 2252  
Delta R.T. -0.005 min  
Lab File: BN022949.D  
Acq: 29 Nov 2022 12:46

Tgt Ion:244 Resp: 10578  
Ion Ratio Lower Upper  
244 100  
212 11.2 7.9 11.9  
122 21.8 13.9 20.9#

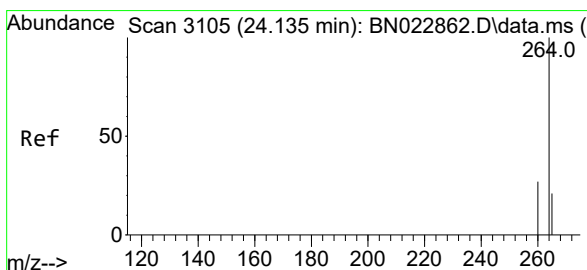
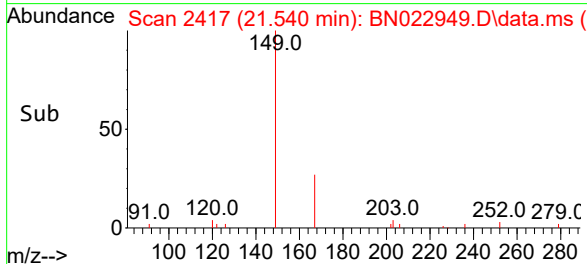
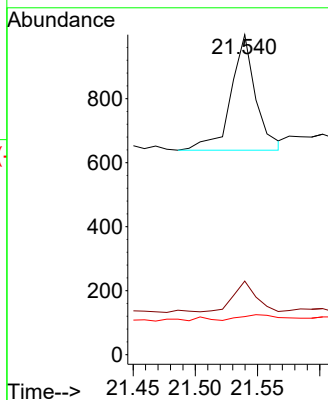
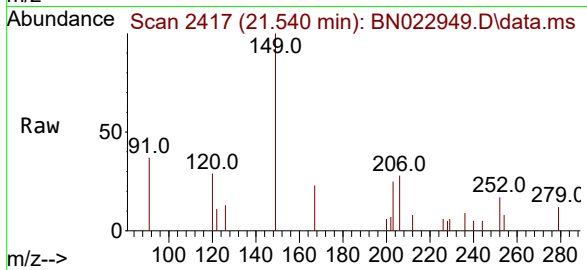




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.028 ng  
 RT: 21.540 min Scan# 2417  
 Delta R.T. -0.005 min  
 Lab File: BN022949.D  
 Acq: 29 Nov 2022 12:46

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW179D2-20221115

Tgt Ion:149 Resp: 498  
 Ion Ratio Lower Upper  
 149 100  
 167 24.3 21.3 31.9  
 279 8.4 2.3 3.5#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.119 min Scan# 3099  
 Delta R.T. -0.005 min  
 Lab File: BN022949.D  
 Acq: 29 Nov 2022 12:46

Tgt Ion:264 Resp: 7493  
 Ion Ratio Lower Upper  
 264 100  
 260 27.9 21.7 32.5  
 265 71.2 31.0 46.4#

