

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
 Data File : BN020609.D  
 Acq On : 02 Jul 2022 01:07  
 Operator : CG/JU  
 Sample : N3457-13  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20220620

Quant Time: Jul 02 03:13:41 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 02 03:10:12 2022  
 Response via : Initial Calibration

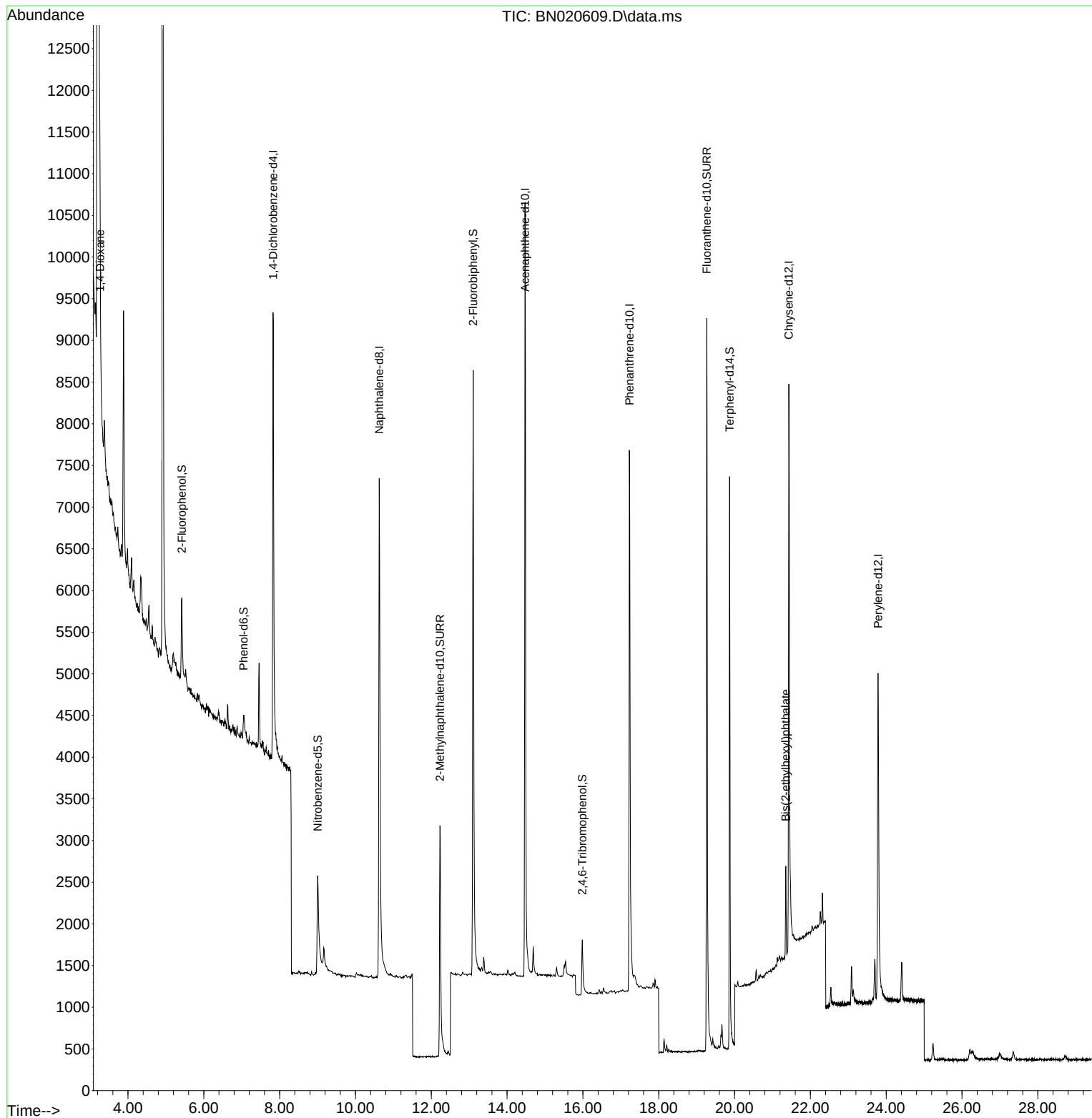
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 3655     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.626 | 136  | 10904    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.474 | 164  | 6068     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.225 | 188  | 12063    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.431 | 240  | 8631     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.787 | 264  | 7002     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.420  | 112  | 1196     | 0.118 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.053  | 99   | 670      | 0.055 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 1990     | 0.225 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.231 | 152  | 5342     | 0.286 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.984 | 330  | 486      | 0.213 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 7867     | 0.314 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.270 | 212  | 12104    | 0.338 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 8724     | 0.423 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.261  | 88   | 841      | 0.176 | ng    | # 82     |
| 34) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 1145     | 0.066 | ng    | 94       |

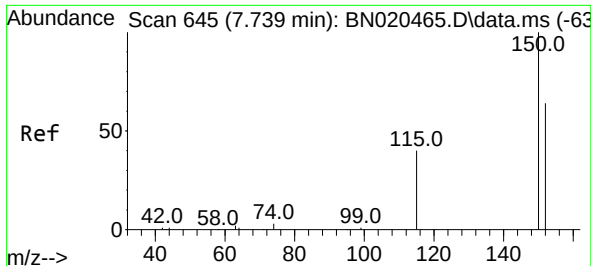
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070222\  
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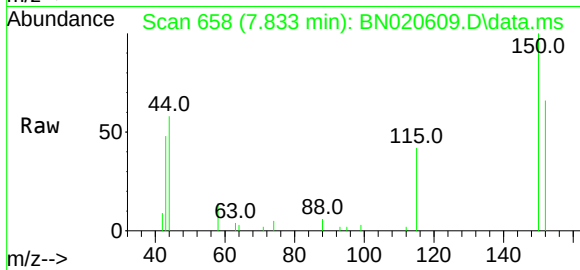
Quant Time: Jul 02 03:13:41 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 02 03:10:12 2022  
Response via : Initial Calibration



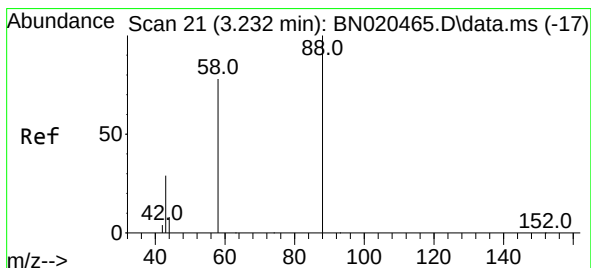
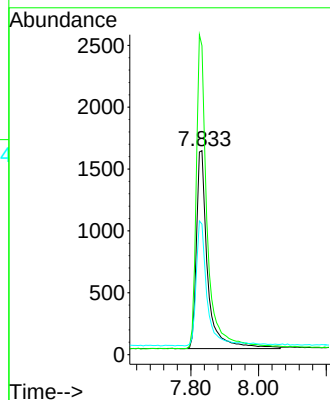
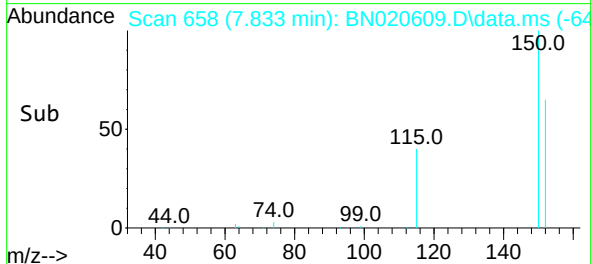


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. 0.008 min  
 Lab File: BN020609.D  
 Acq: 02 Jul 2022 01:07

Instrument :  
 BNA\_N  
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 RE103D3-20220620

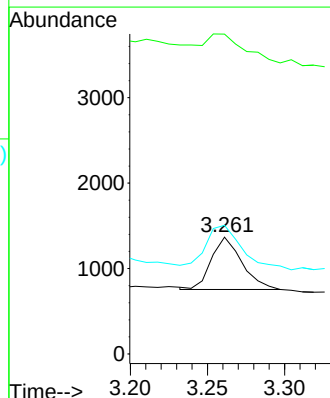
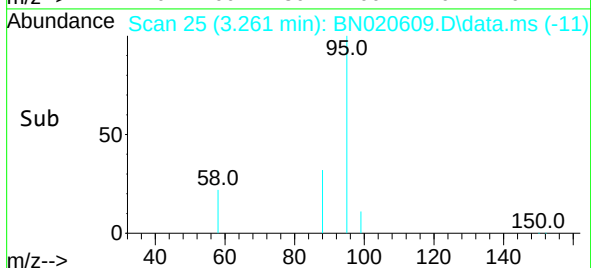
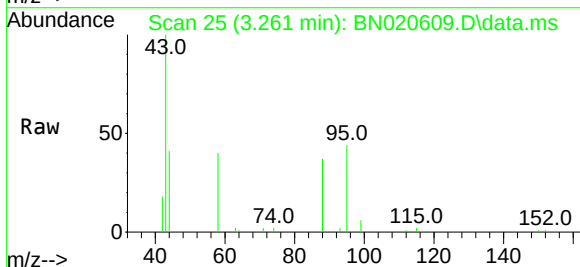


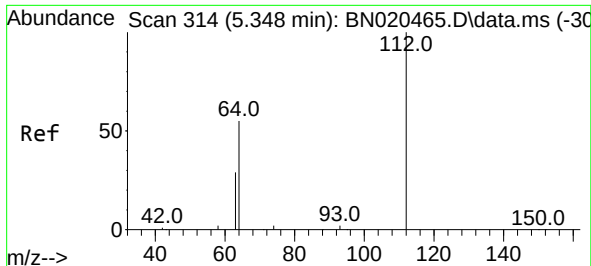
Tgt Ion:152 Resp: 3655  
 Ion Ratio Lower Upper  
 152 100  
 150 151.4 127.9 191.9  
 115 64.0 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 0.176 ng  
 RT: 3.261 min Scan# 25  
 Delta R.T. 0.000 min  
 Lab File: BN020609.D  
 Acq: 02 Jul 2022 01:07

Tgt Ion: 88 Resp: 841  
 Ion Ratio Lower Upper  
 88 100  
 43 61.7 30.2 45.2#  
 58 82.2 73.0 109.6

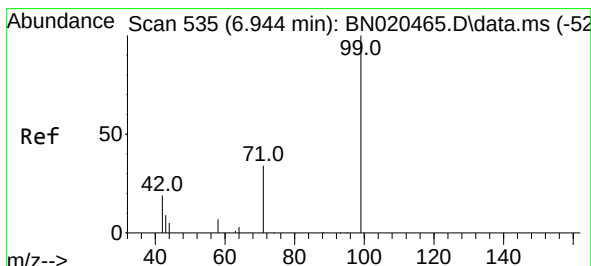
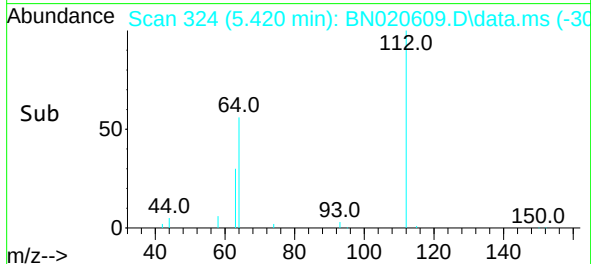
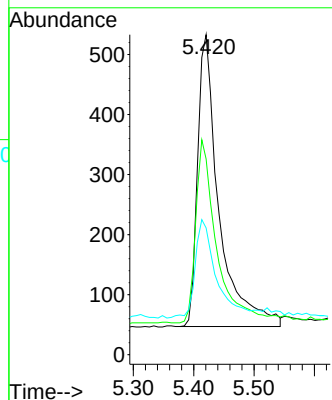
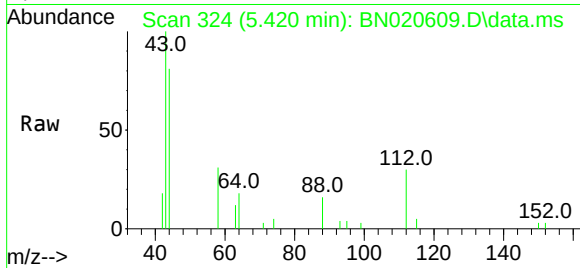




#4  
2-Fluorophenol  
Concen: 0.118 ng  
RT: 5.420 min Scan# 314  
Delta R.T. 0.007 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

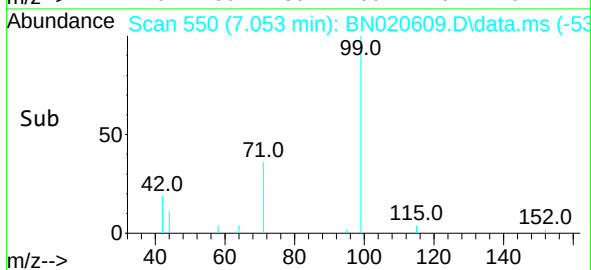
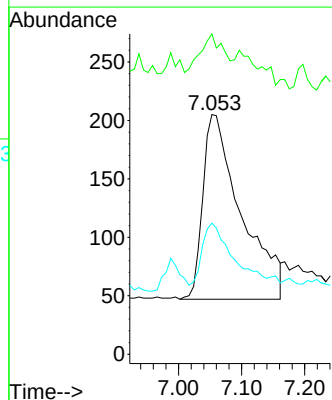
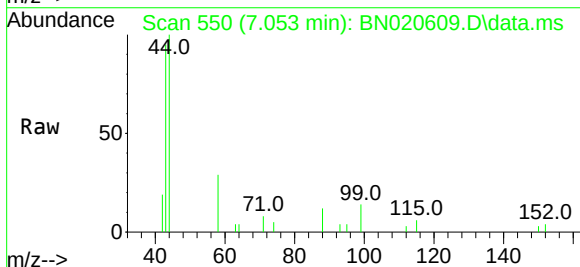
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RE103D3-20220620

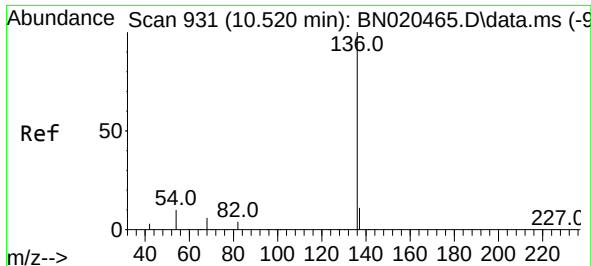
Tgt Ion:112 Resp: 1196  
Ion Ratio Lower Upper  
112 100  
64 62.0 49.1 73.7  
63 33.6 26.3 39.5



#5  
Phenol-d6  
Concen: 0.055 ng  
RT: 7.053 min Scan# 550  
Delta R.T. 0.022 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

Tgt Ion: 99 Resp: 670  
Ion Ratio Lower Upper  
99 100  
42 11.6 19.3 28.9#  
71 29.3 27.5 41.3

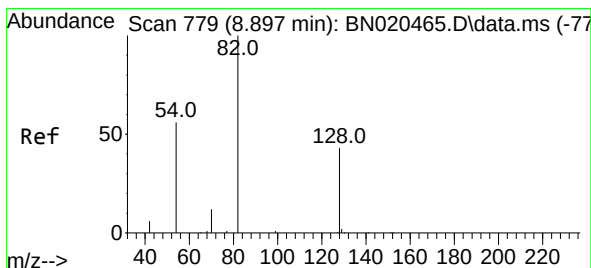
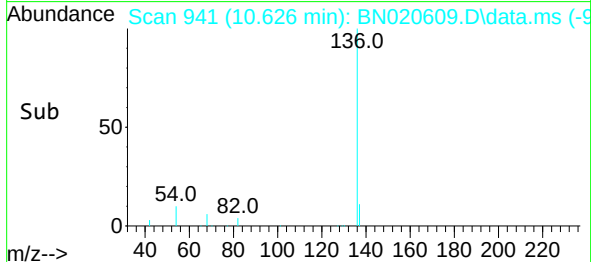
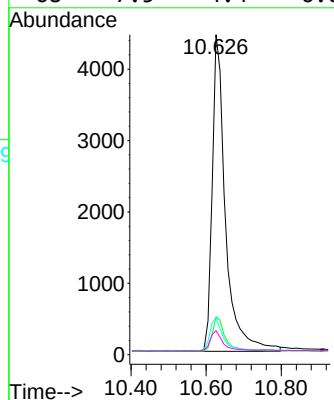
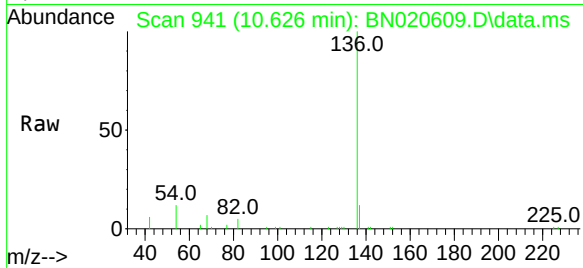




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.626 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

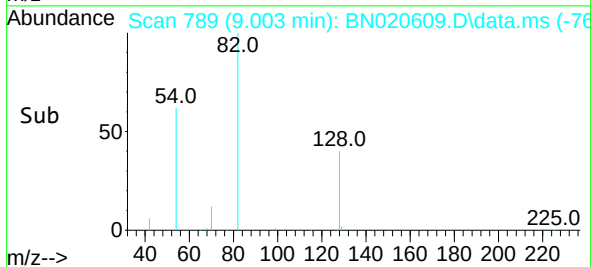
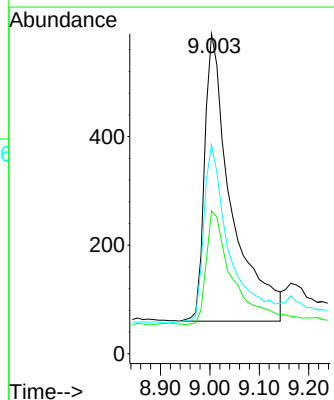
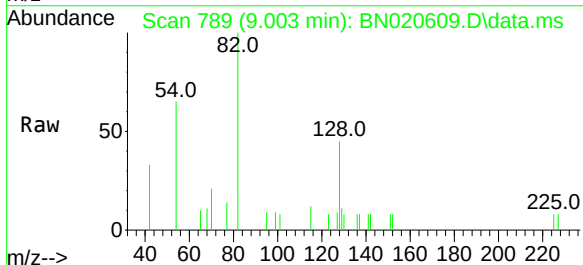
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RE103D3-20220620

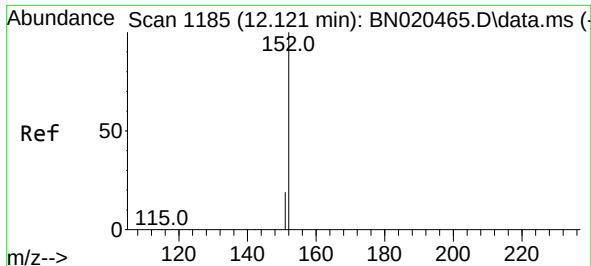
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 10904 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.8  | 9.0   | 13.6  |
| 54        | 11.5  | 6.2   | 9.2#  |
| 68        | 7.5   | 4.4   | 6.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.225 ng  
RT: 9.003 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 1990 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.7  | 35.0  | 52.6 |
| 54        | 65.4  | 46.2  | 69.4 |

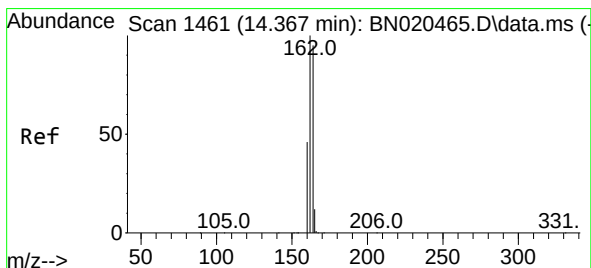
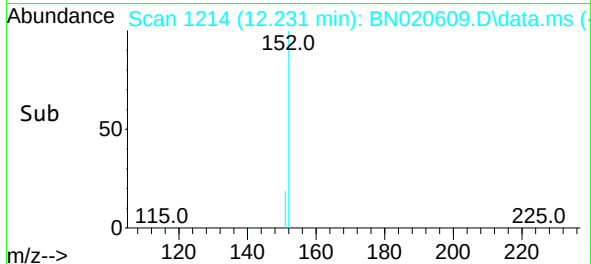
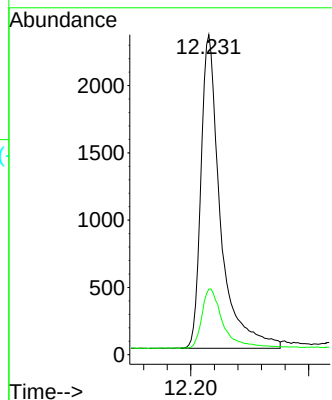
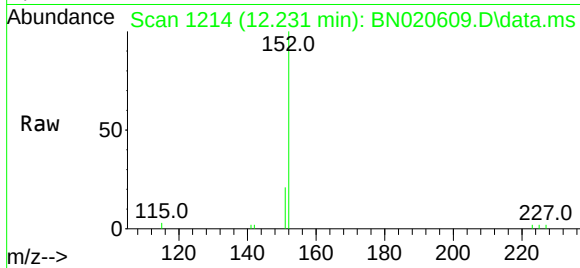




#11  
2-Methylnaphthalene-d10  
Concen: 0.286 ng  
RT: 12.231 min Scan# 1185  
Delta R.T. 0.004 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

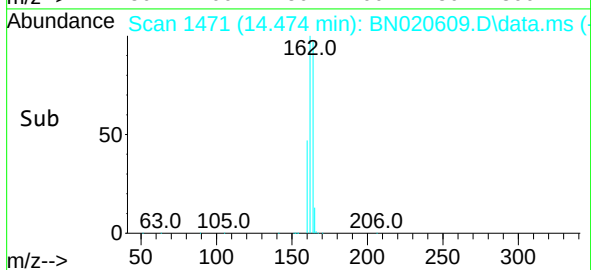
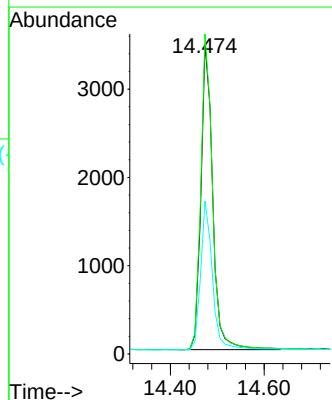
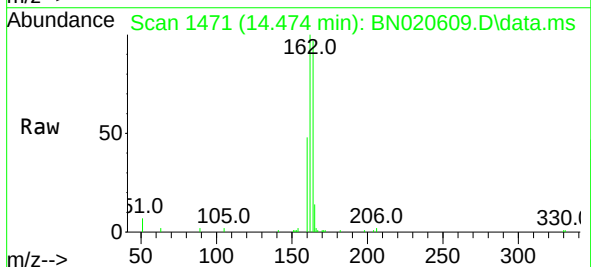
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ClientSampleId :  
RE103D3-20220620

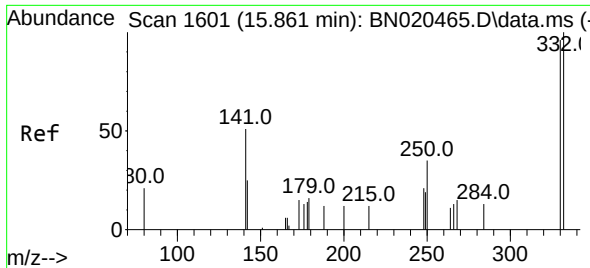
Tgt Ion:152 Resp: 5342  
Ion Ratio Lower Upper  
152 100  
151 21.0 16.2 24.4



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.474 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

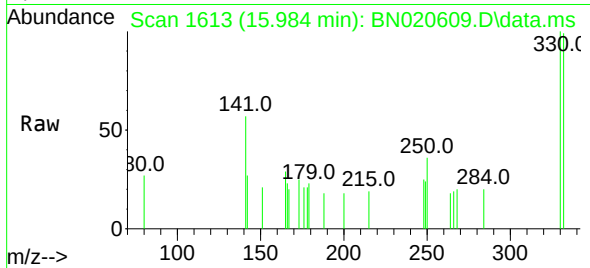
Tgt Ion:164 Resp: 6068  
Ion Ratio Lower Upper  
164 100  
162 103.3 82.1 123.1  
160 49.3 38.6 58.0



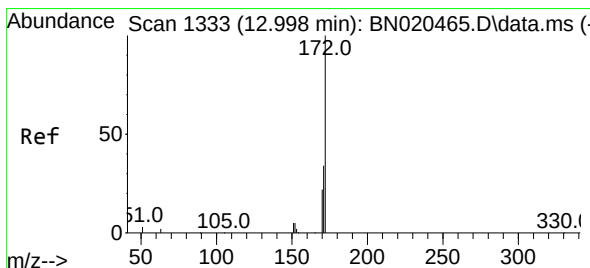
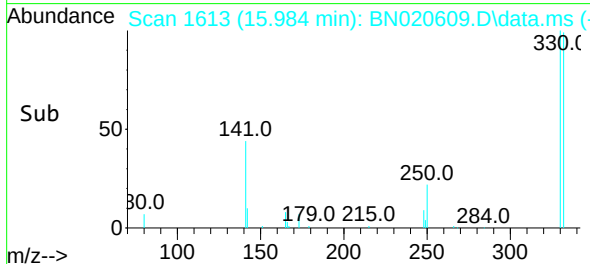
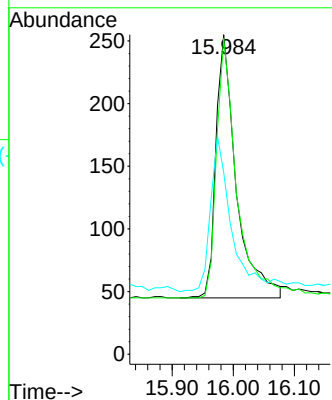


#14  
 2,4,6-Tribromophenol  
 Concen: 0.213 ng  
 RT: 15.984 min Scan# 1  
 Delta R.T. 0.010 min  
 Lab File: BN020609.D  
 Acq: 02 Jul 2022 01:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20220620

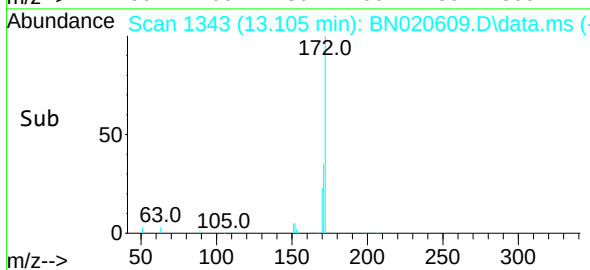
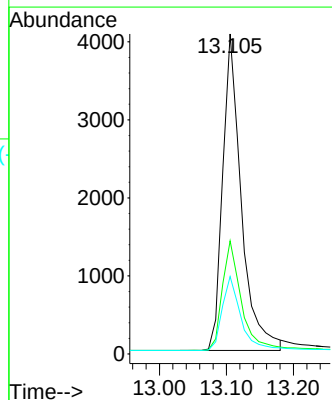
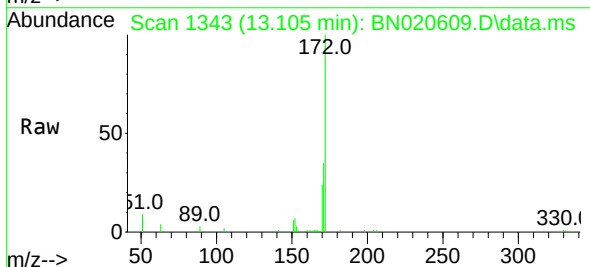


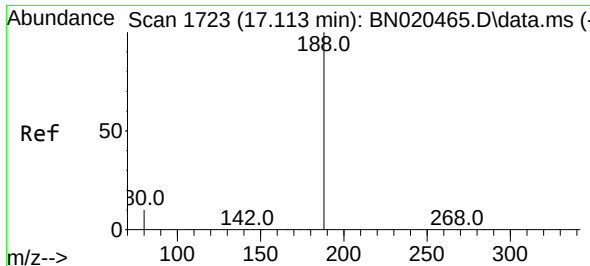
Tgt Ion:330 Resp: 486  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.6 116.4  
 141 62.3 41.0 61.4#



#15  
 2-Fluorobiphenyl  
 Concen: 0.314 ng  
 RT: 13.105 min Scan# 1343  
 Delta R.T. 0.000 min  
 Lab File: BN020609.D  
 Acq: 02 Jul 2022 01:07

Tgt Ion:172 Resp: 7867  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 27.2 40.8  
 170 24.2 18.2 27.4

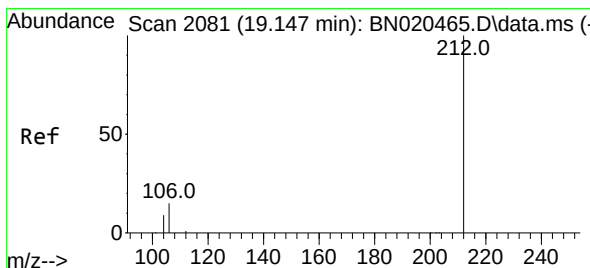
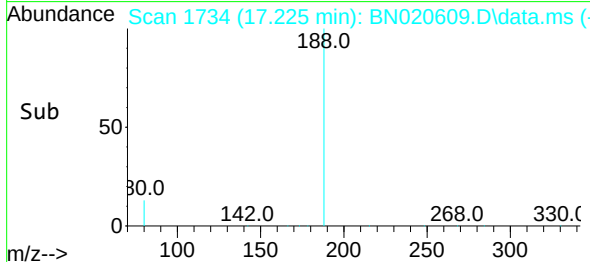
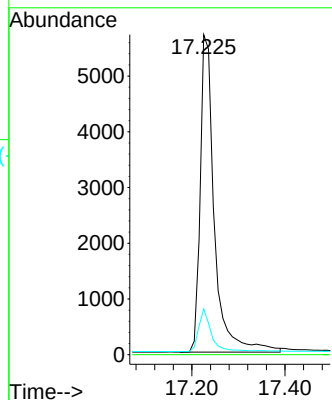
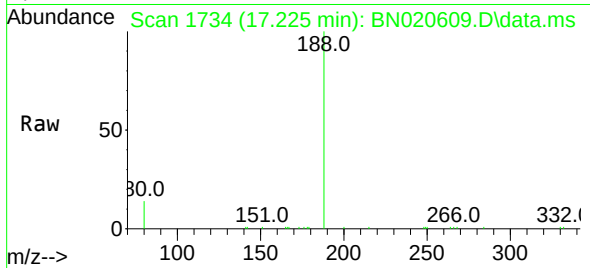




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.225 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

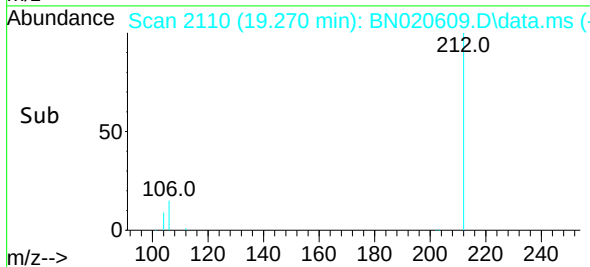
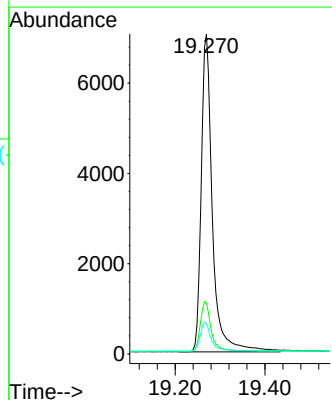
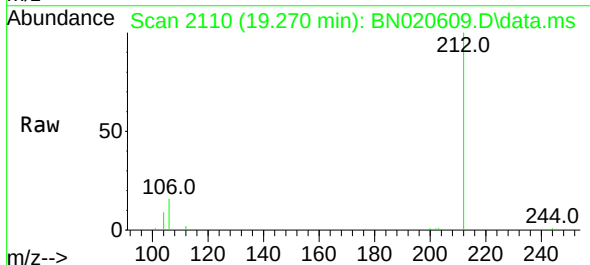
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Tgt Ion:188 Resp: 12063  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.3 7.4 11.2#

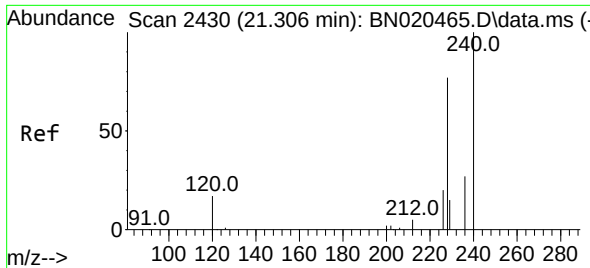


#27  
Fluoranthene-d10  
Concen: 0.338 ng  
RT: 19.270 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

Tgt Ion:212 Resp: 12104  
Ion Ratio Lower Upper  
212 100  
106 15.4 12.6 19.0  
104 8.8 7.2 10.8



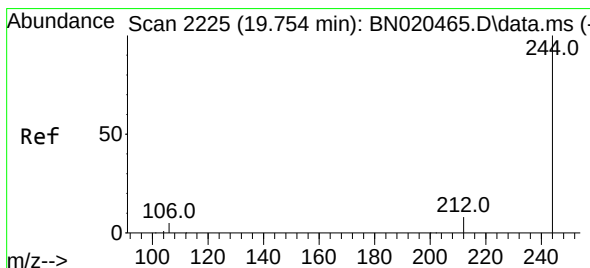
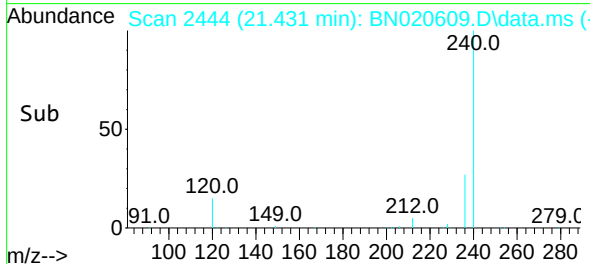
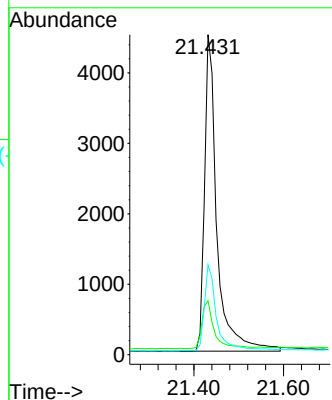
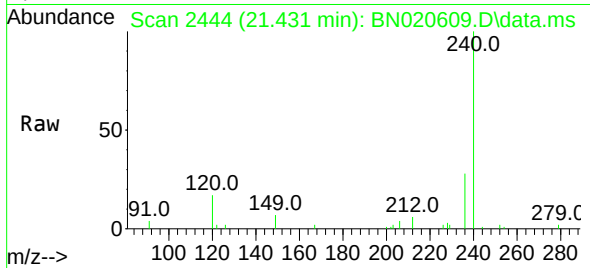




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.431 min Scan# 2444  
Delta R.T. 0.000 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

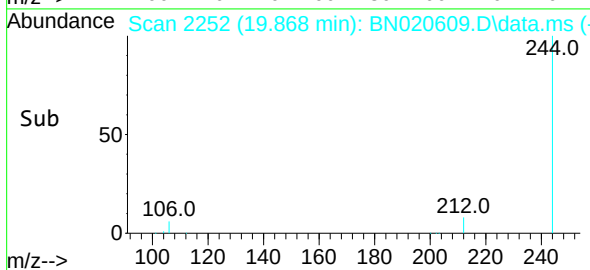
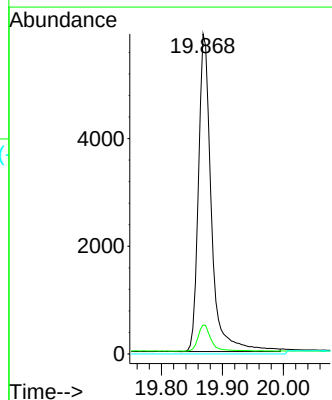
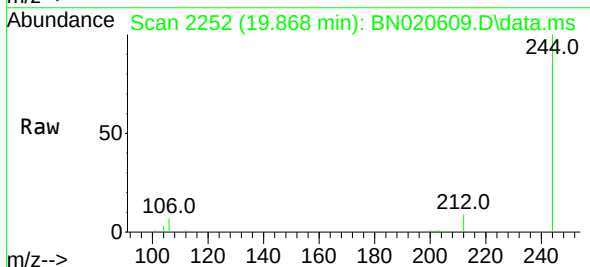
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BNA\_N  
ClientSampleId :  
RE103D3-20220620

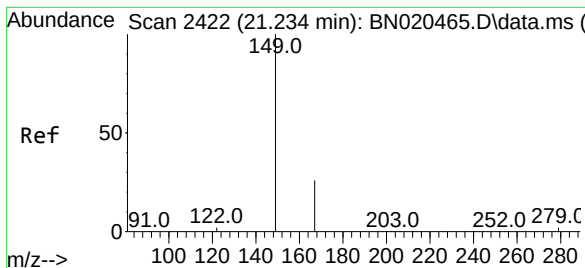
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Ion Ratio Lower Upper  
240 100  
120 16.8 14.6 21.8  
236 28.1 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.423 ng  
RT: 19.868 min Scan# 2252  
Delta R.T. -0.004 min  
Lab File: BN020609.D  
Acq: 02 Jul 2022 01:07

Tgt Ion:244 Resp: 8724  
Ion Ratio Lower Upper  
244 100  
212 9.1 7.1 10.7  
122 0.0 0.0 0.0

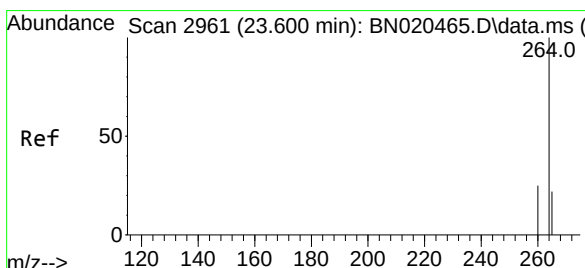
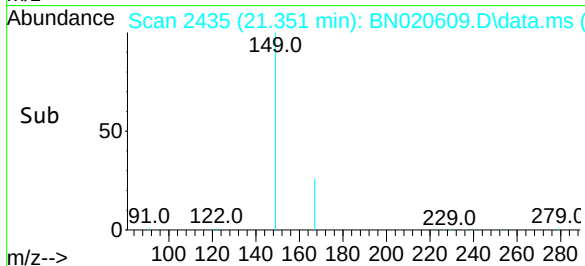
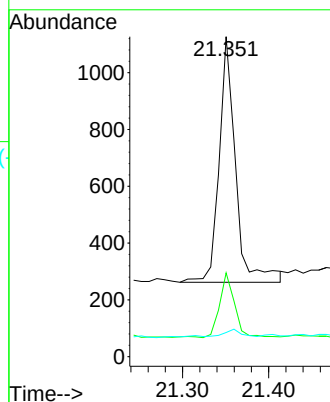
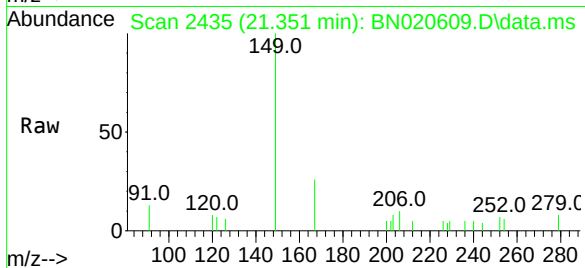




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.066 ng  
 RT: 21.351 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BN020609.D  
 Acq: 02 Jul 2022 01:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D3-20220620

Tgt Ion:149 Resp: 1145  
 Ion Ratio Lower Upper  
 149 100  
 167 23.9 21.7 32.5  
 279 3.0 2.2 3.2



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.787 min Scan# 3025  
 Delta R.T. -0.003 min  
 Lab File: BN020609.D  
 Acq: 02 Jul 2022 01:07

Tgt Ion:264 Resp: 7002  
 Ion Ratio Lower Upper  
 264 100  
 260 26.0 20.9 31.3  
 265 38.2 28.0 42.0

