

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113022\  
 Data File : BN023004.D  
 Acq On : 01 Dec 2022 04:44  
 Operator : CG/JU  
 Sample : N5756-08  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20221118

Quant Time: Dec 01 05:18:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 30 00:45:21 2022  
 Response via : Initial Calibration

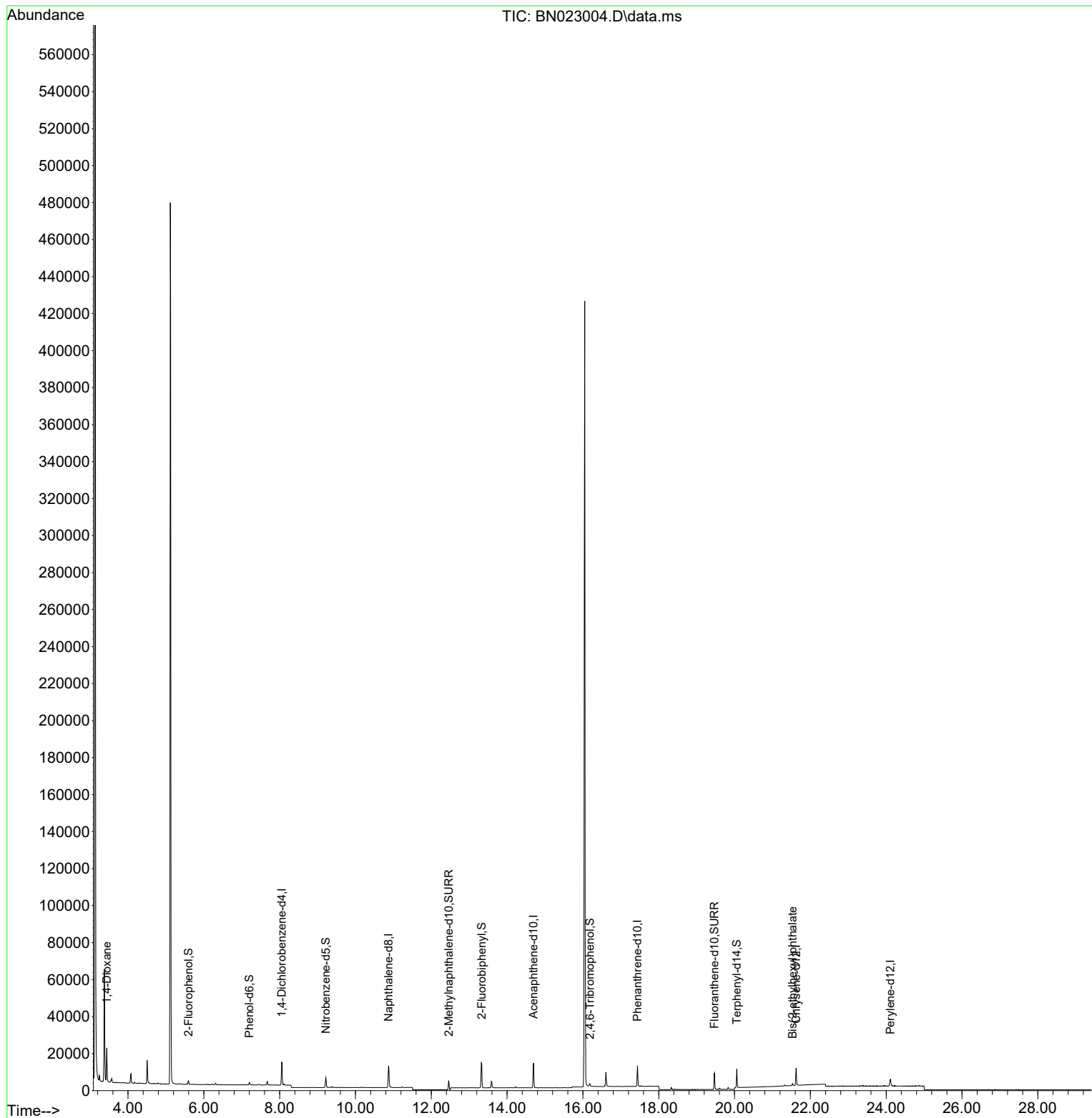
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.057  | 152  | 5761     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.872 | 136  | 15524    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.698 | 164  | 7298     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 13697    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.625 | 240  | 8144     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.109 | 264  | 5902     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.594  | 112  | 1484     | 0.099 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.204  | 99   | 1083     | 0.057 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.217  | 82   | 3981     | 0.330 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.461 | 152  | 6901     | 0.205 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 856      | 0.243 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 12226    | 0.366 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.469 | 212  | 9491     | 0.255 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.058 | 244  | 7535     | 0.394 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.442  | 88   | 10727    | 1.467 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149  | 1244     | 0.094 | ng    | # 100    |
| -----                         |        |      |          |       |       |          |

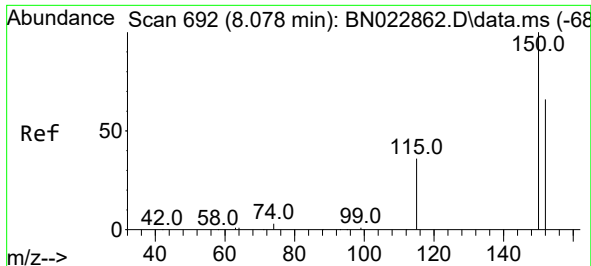
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113022\  
Data File : BN023004.D  
Acq On : 01 Dec 2022 04:44  
Operator : CG/JU  
Sample : N5756-08  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20221118

Quant Time: Dec 01 05:18:22 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 30 00:45:21 2022  
Response via : Initial Calibration

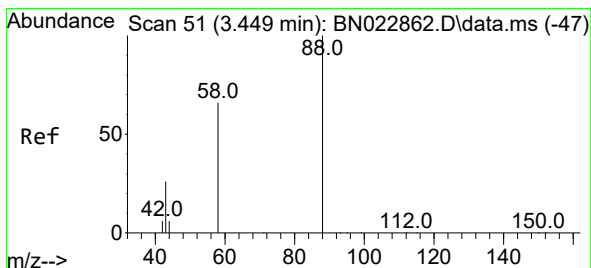
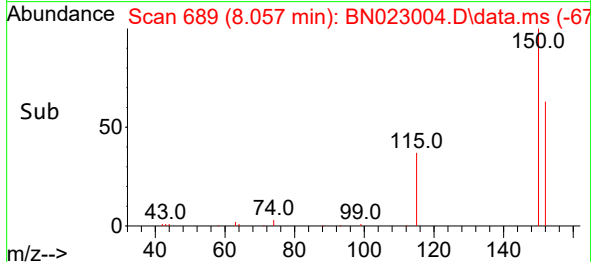
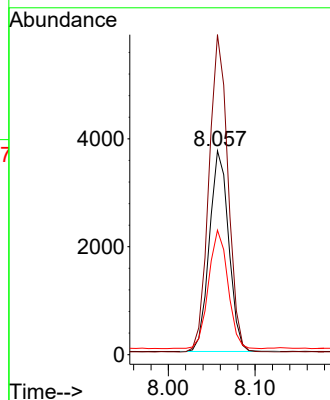
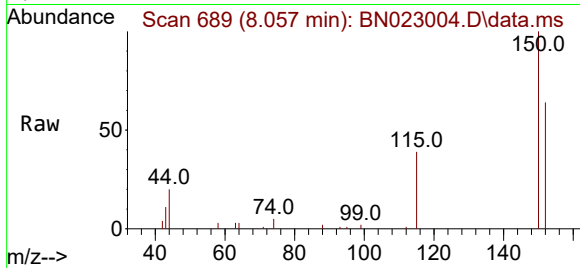




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.057 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN023004.D  
 Acq: 01 Dec 2022 04:44

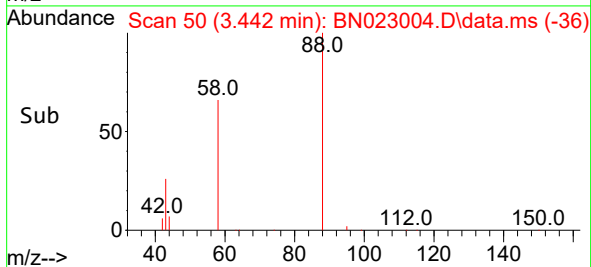
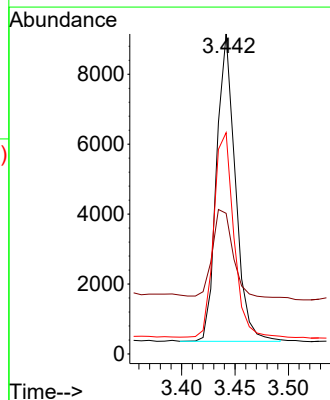
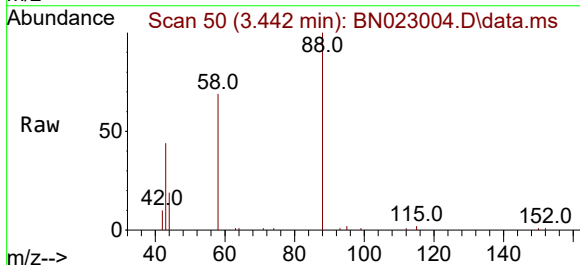
Instrument :  
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 ClientSampleId :  
 TT172S1-20221118

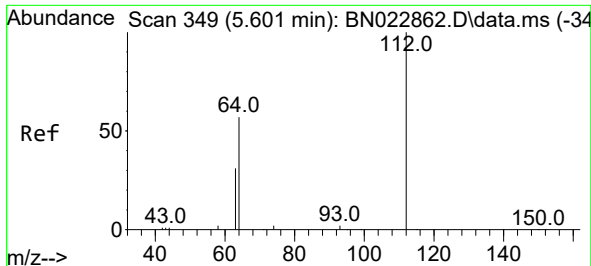
Tgt Ion:152 Resp: 5761  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 121.2 181.8  
 115 61.1 46.2 69.4



#2  
 1,4-Dioxane  
 Concen: 1.467 ng  
 RT: 3.442 min Scan# 50  
 Delta R.T. 0.000 min  
 Lab File: BN023004.D  
 Acq: 01 Dec 2022 04:44

Tgt Ion: 88 Resp: 10727  
 Ion Ratio Lower Upper  
 88 100  
 43 30.8 25.4 38.2  
 58 71.0 56.5 84.7

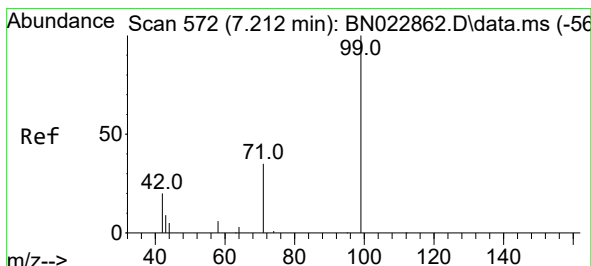
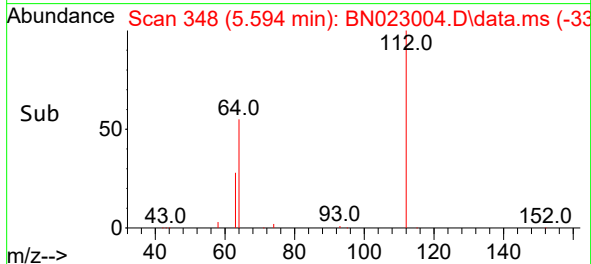
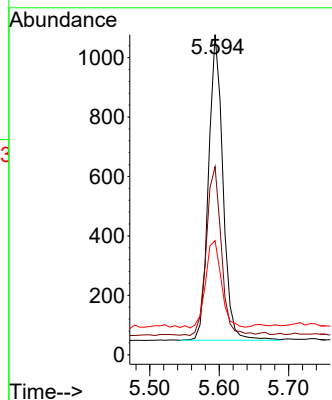
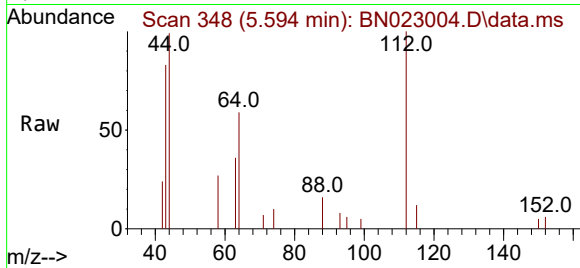




#4  
2-Fluorophenol  
Concen: 0.099 ng  
RT: 5.594 min Scan# 34  
Delta R.T. -0.007 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

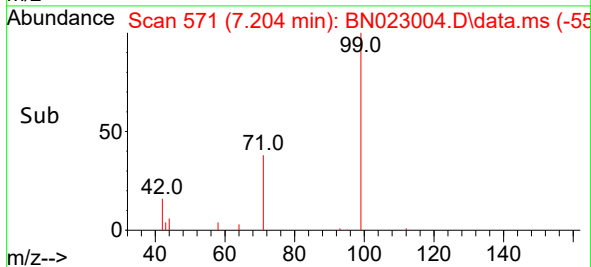
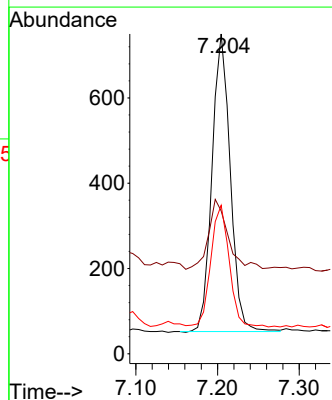
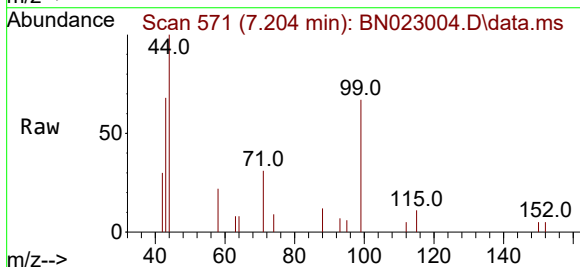
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20221118

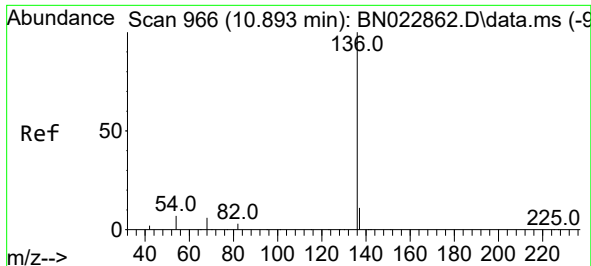
Tgt Ion:112 Resp: 1484  
Ion Ratio Lower Upper  
112 100  
64 56.7 43.4 65.2  
63 31.3 23.4 35.2



#5  
Phenol-d6  
Concen: 0.057 ng  
RT: 7.204 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

Tgt Ion: 99 Resp: 1083  
Ion Ratio Lower Upper  
99 100  
42 26.1 16.0 24.0#  
71 41.4 26.8 40.2#

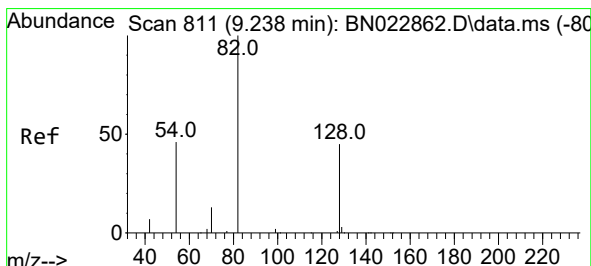
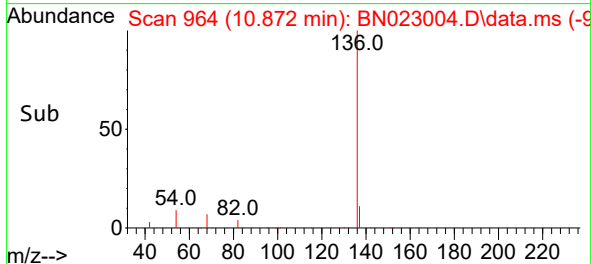
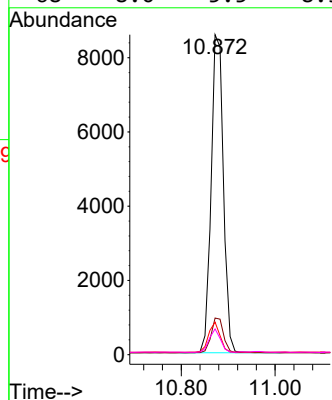
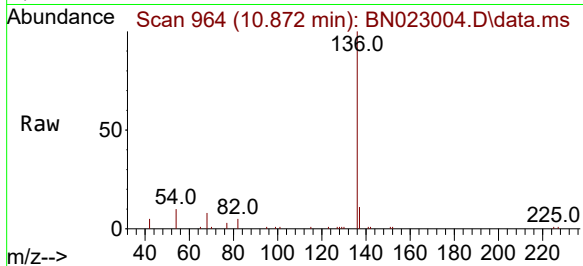




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.872 min Scan# 90  
Delta R.T. -0.010 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

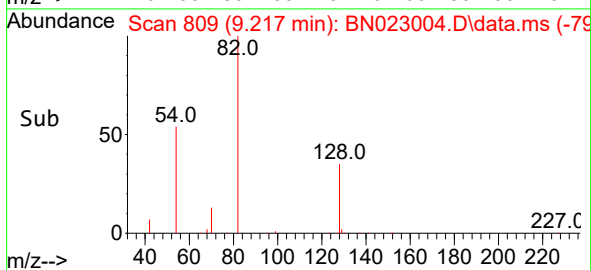
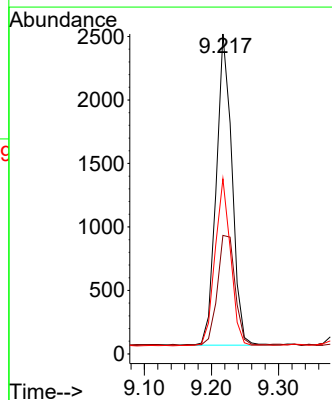
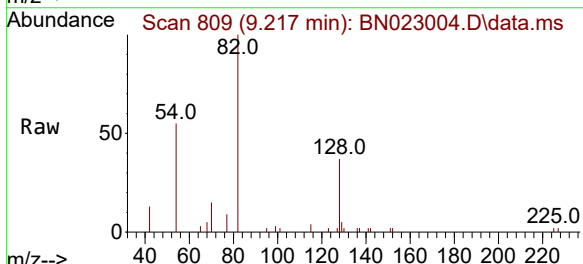
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20221118

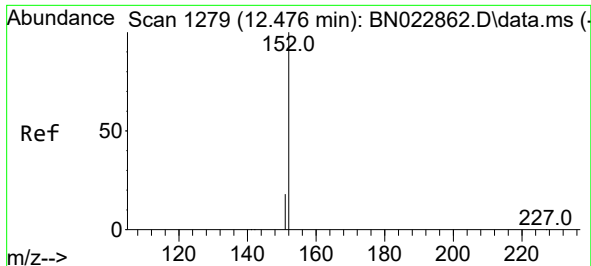
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 15524 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.0   | 13.4  |
| 54       | 10.2  | 6.6   | 9.8#  |
| 68       | 8.0   | 5.5   | 8.3   |



#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 9.217 min Scan# 809  
Delta R.T. -0.010 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3981  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.1  | 36.6  | 54.8  |
| 54       | 54.8  | 38.5  | 57.7  |

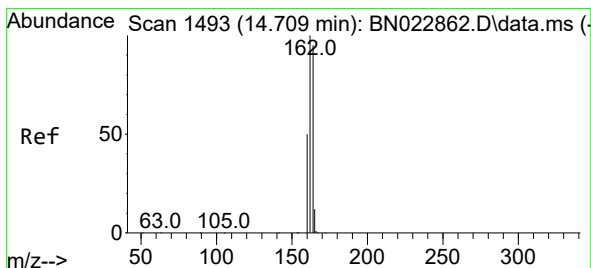
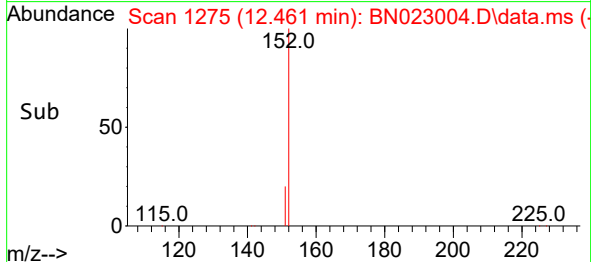
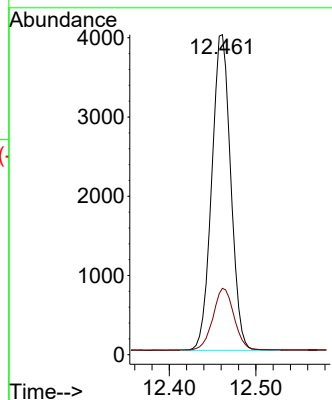
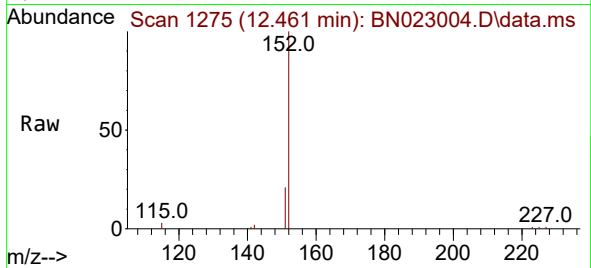




#11  
2-Methylnaphthalene-d10  
Concen: 0.205 ng  
RT: 12.461 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

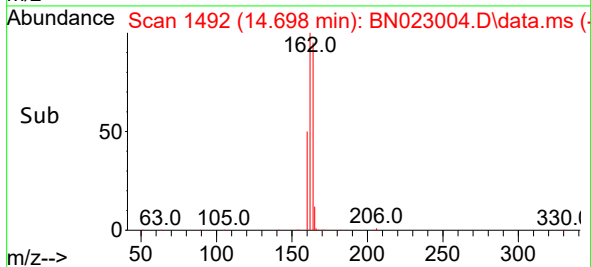
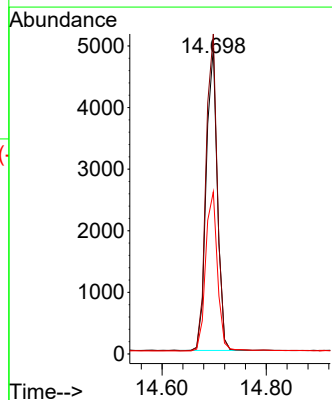
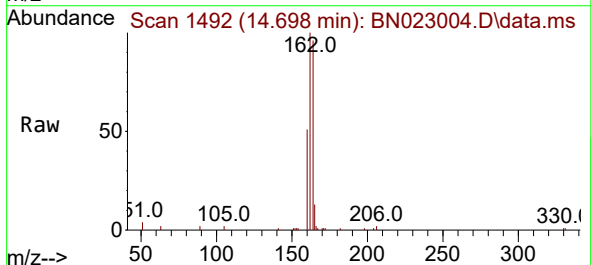
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20221118

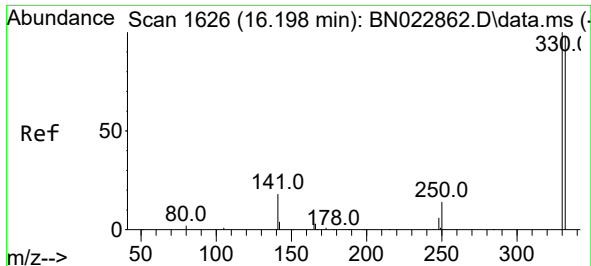
Tgt Ion:152 Resp: 6901  
Ion Ratio Lower Upper  
152 100  
151 23.5 18.6 27.8



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.698 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

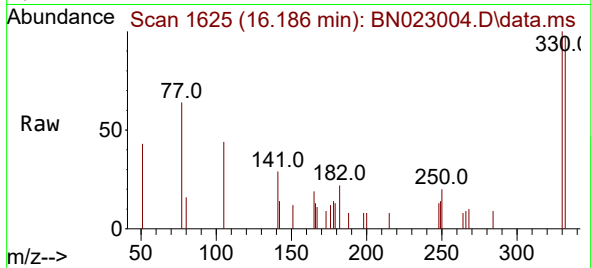
Tgt Ion:164 Resp: 7298  
Ion Ratio Lower Upper  
164 100  
162 104.5 84.2 126.4  
160 52.9 42.5 63.7



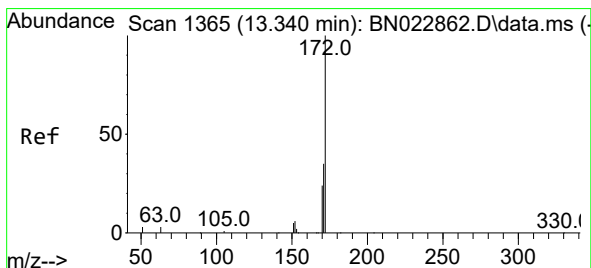
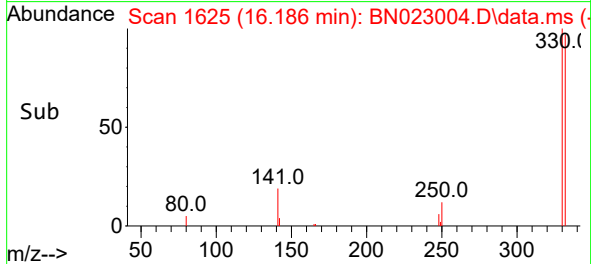
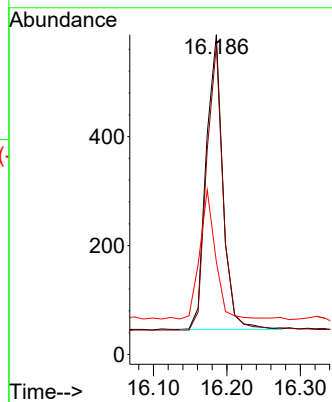


#14  
2,4,6-Tribromophenol  
Concen: 0.243 ng  
RT: 16.186 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20221118

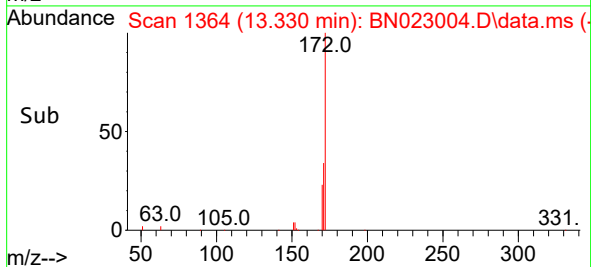
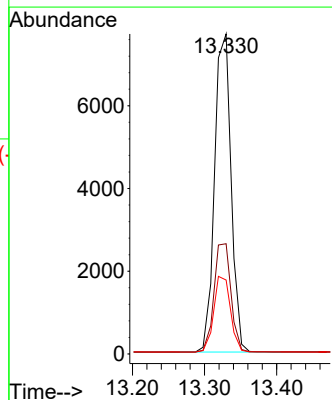
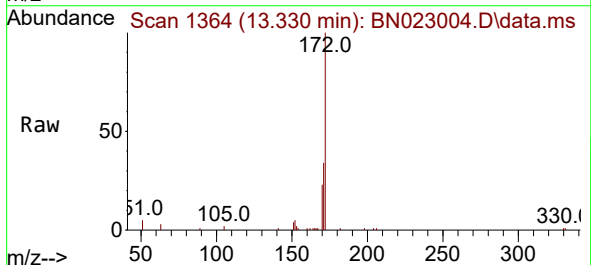


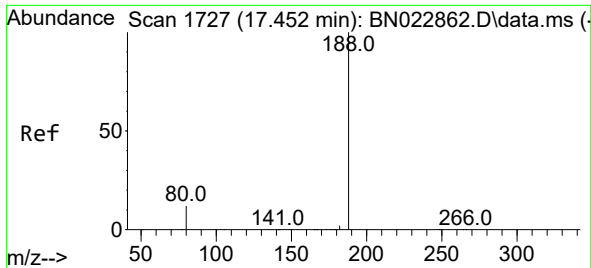
Tgt Ion:330 Resp: 856  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.5 114.7  
141 43.1 32.6 48.8



#15  
2-Fluorobiphenyl  
Concen: 0.366 ng  
RT: 13.330 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

Tgt Ion:172 Resp: 12226  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.2 42.4  
170 23.1 19.3 28.9

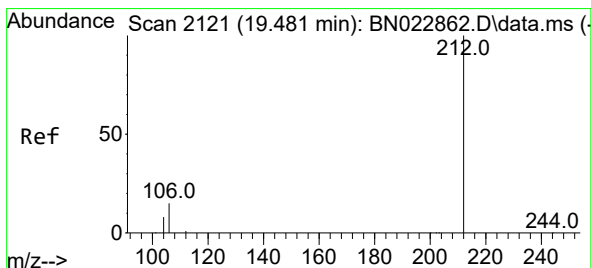
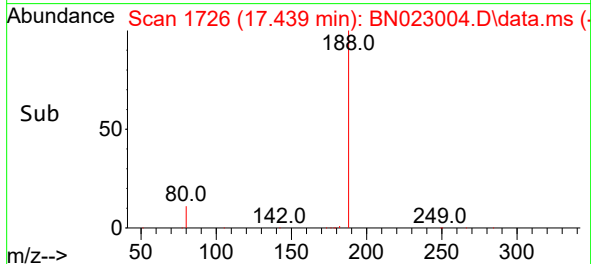
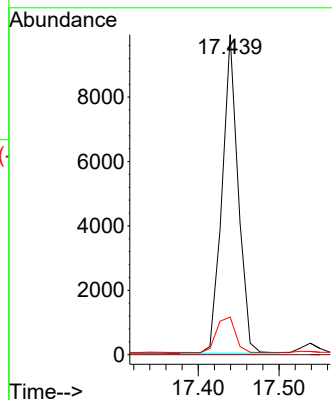
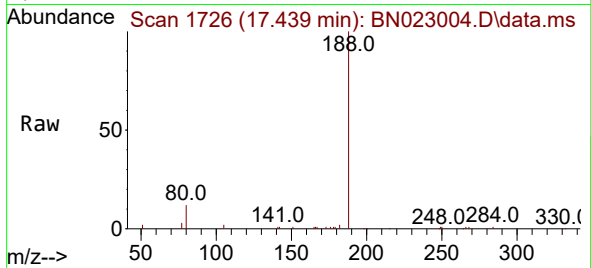




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

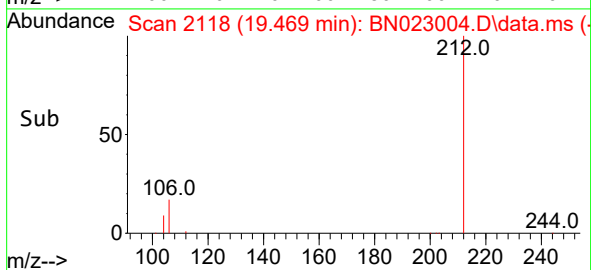
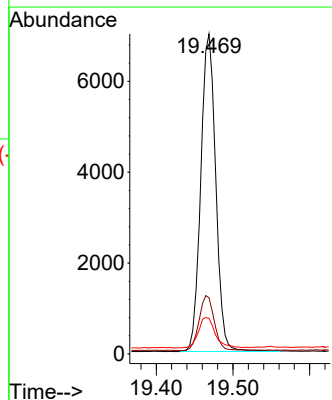
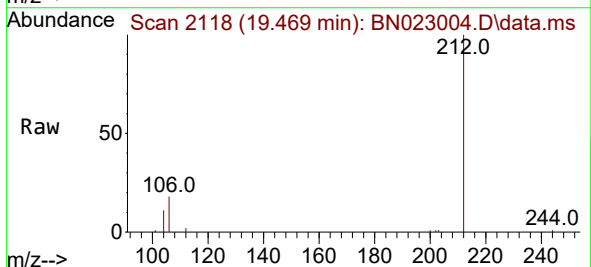
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20221118

Tgt Ion:188 Resp: 13697  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.8 10.3 15.5

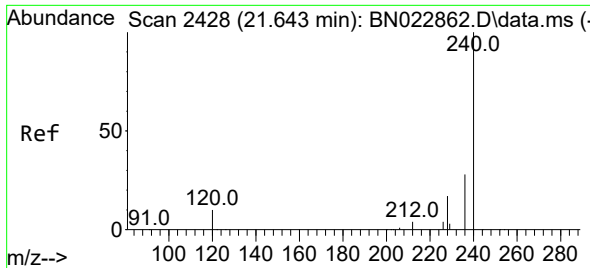


#27  
Fluoranthene-d10  
Concen: 0.255 ng  
RT: 19.469 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

Tgt Ion:212 Resp: 9491  
Ion Ratio Lower Upper  
212 100  
106 17.4 12.3 18.5  
104 10.7 7.0 10.4#



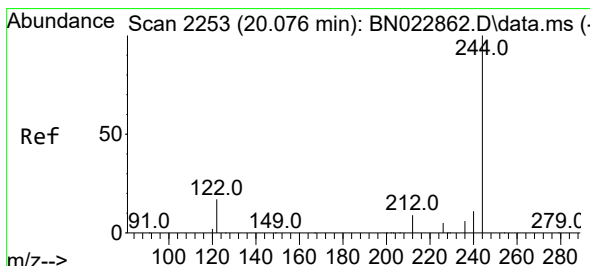
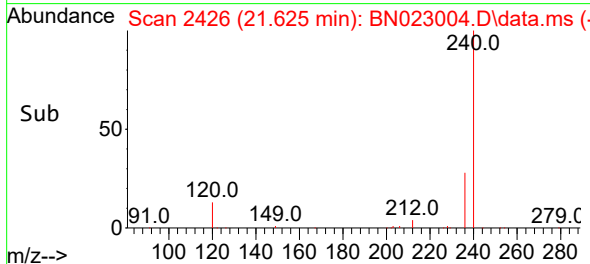
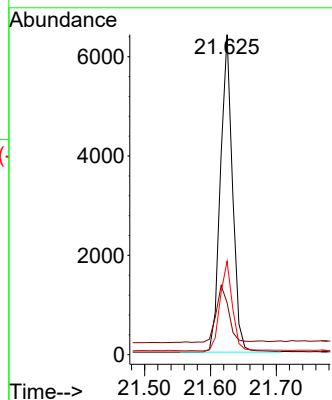
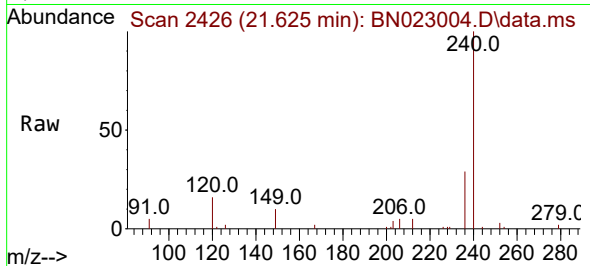




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.625 min Scan# 2426  
Delta R.T. -0.004 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

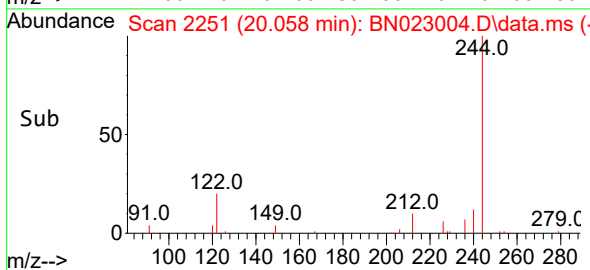
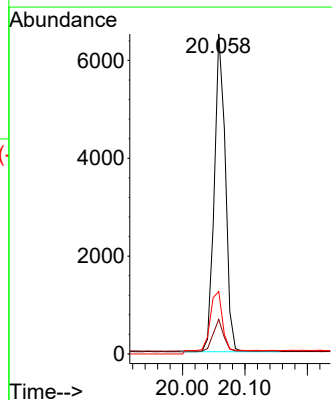
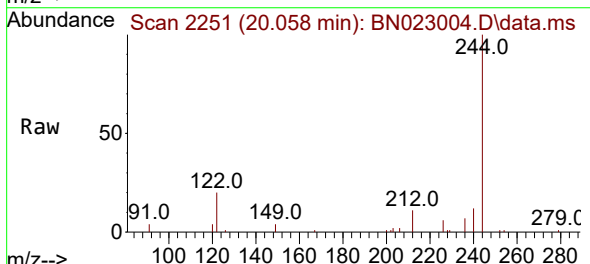
Instrument :  
BNA\_N  
ClientSampleId :  
TT172S1-20221118

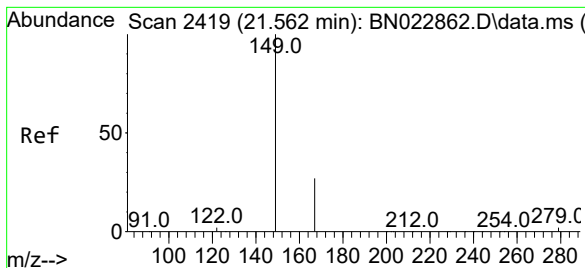
Tgt Ion:240 Resp: 8144  
Ion Ratio Lower Upper  
240 100  
120 16.3 9.2 13.8#  
236 29.2 22.6 34.0



#31  
Terphenyl-d14  
Concen: 0.394 ng  
RT: 20.058 min Scan# 2251  
Delta R.T. -0.004 min  
Lab File: BN023004.D  
Acq: 01 Dec 2022 04:44

Tgt Ion:244 Resp: 7535  
Ion Ratio Lower Upper  
244 100  
212 10.8 7.9 11.9  
122 19.5 13.9 20.9

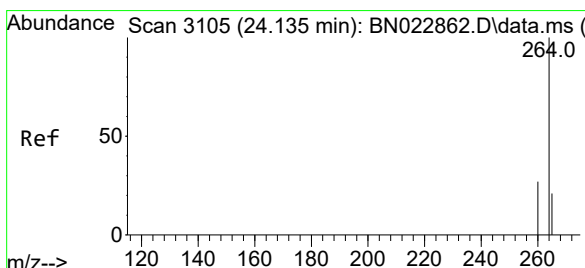
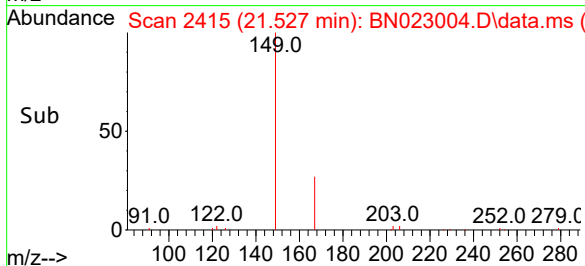
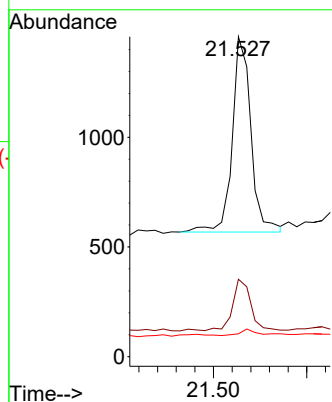
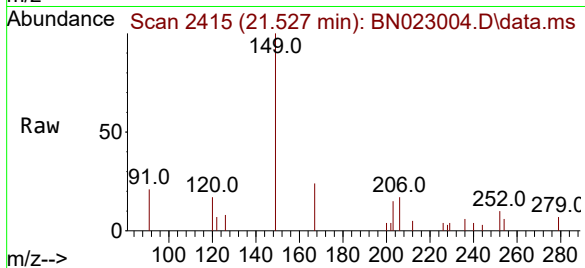




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.094 ng  
 RT: 21.527 min Scan# 2415  
 Delta R.T. -0.013 min  
 Lab File: BN023004.D  
 Acq: 01 Dec 2022 04:44

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT172S1-20221118

Tgt Ion:149 Resp: 1244  
 Ion Ratio Lower Upper  
 149 100  
 167 26.6 21.3 31.9  
 279 3.6 2.3 3.5#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.109 min Scan# 3096  
 Delta R.T. -0.004 min  
 Lab File: BN023004.D  
 Acq: 01 Dec 2022 04:44

Tgt Ion:264 Resp: 5902  
 Ion Ratio Lower Upper  
 264 100  
 260 28.2 21.7 32.5  
 265 76.3 31.0 46.4#

