

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112922\  
 Data File : BN022951.D  
 Acq On : 29 Nov 2022 13:59  
 Operator : CG/JU  
 Sample : N5671-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW178I-20221115

Quant Time: Nov 30 00:22:33 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

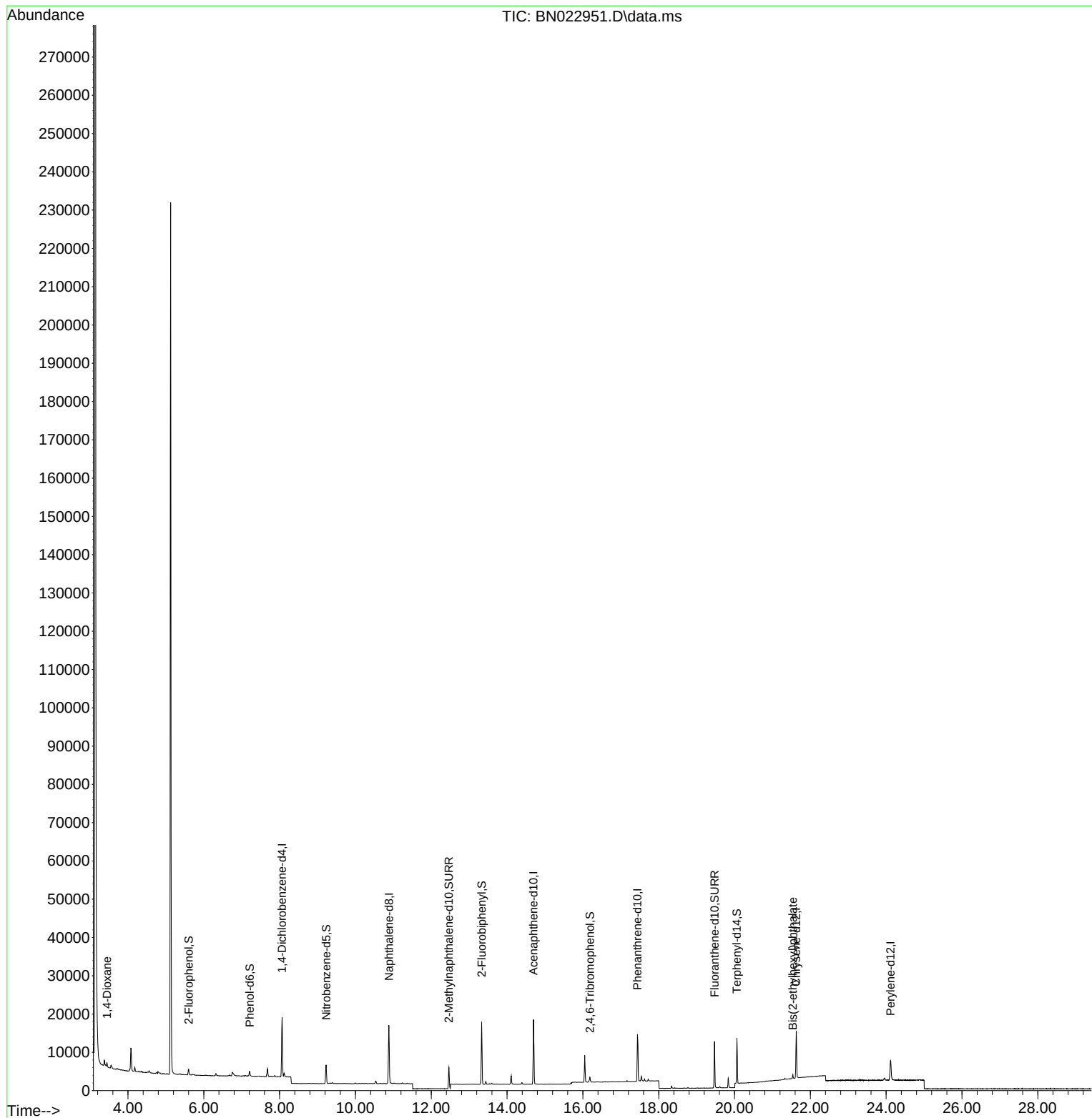
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 7252     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.883 | 136  | 19380    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.698 | 164  | 8821     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 16838    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.629 | 240  | 10888    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.116 | 264  | 8016     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.601  | 112  | 1249     | 0.066 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.212  | 99   | 1123     | 0.047 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.228  | 82   | 3948     | 0.262 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.465 | 152  | 9869     | 0.235 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 693      | 0.163 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 13096    | 0.325 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.473 | 212  | 13016    | 0.285 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.062 | 244  | 9682     | 0.379 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.449  | 88   | 849      | 0.092 | ng    | # 76     |
| 34) Bis(2-ethylhexyl)phtha... | 21.540 | 149  | 1093     | 0.062 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

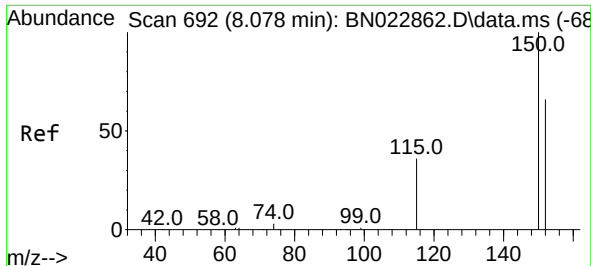
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 00:22:33 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

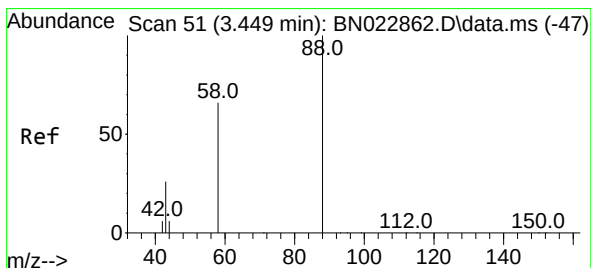
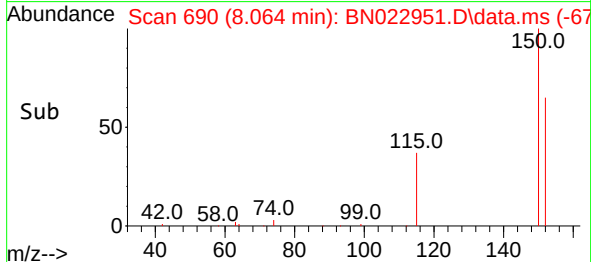
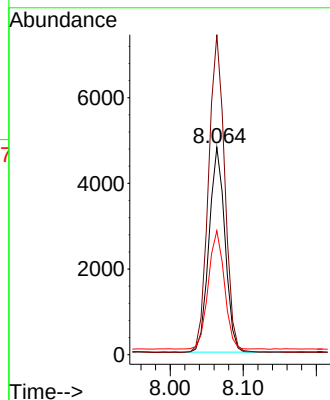
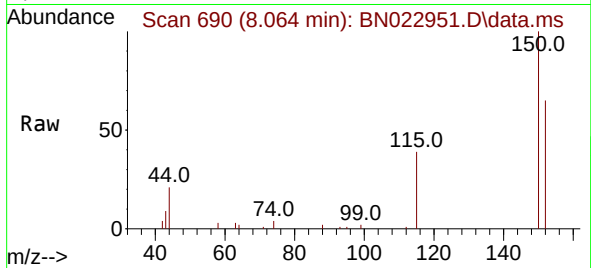




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.064 min Scan# 692  
 Delta R.T. -0.000 min  
 Lab File: BN022951.D  
 Acq: 29 Nov 2022 13:59

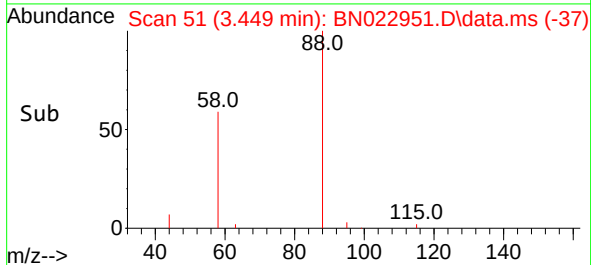
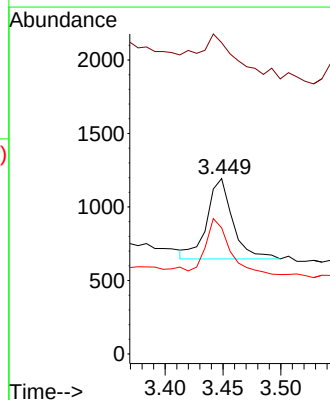
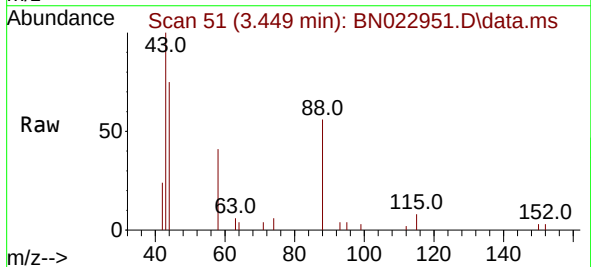
Instrument :  
 BNA\_N  
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 MW178I-20221115

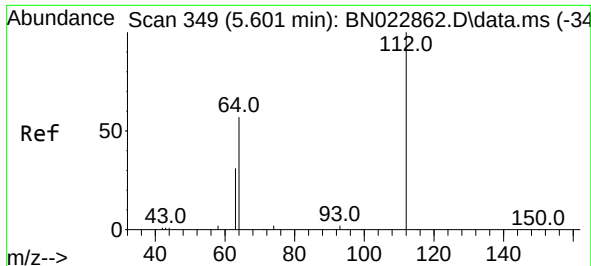
Tgt Ion:152 Resp: 7252  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 121.2 181.8  
 115 59.8 46.2 69.4



#2  
 1,4-Dioxane  
 Concen: 0.092 ng  
 RT: 3.449 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: BN022951.D  
 Acq: 29 Nov 2022 13:59

Tgt Ion: 88 Resp: 849  
 Ion Ratio Lower Upper  
 88 100  
 43 66.3 25.4 38.2#  
 58 64.8 56.5 84.7

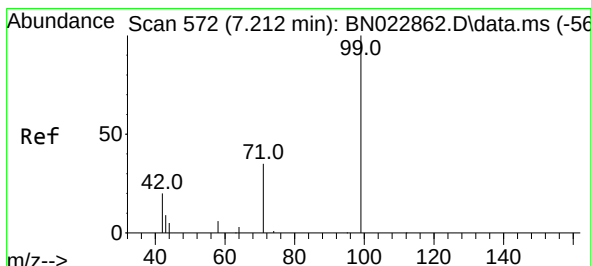
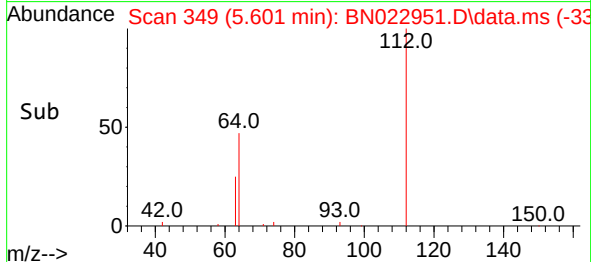
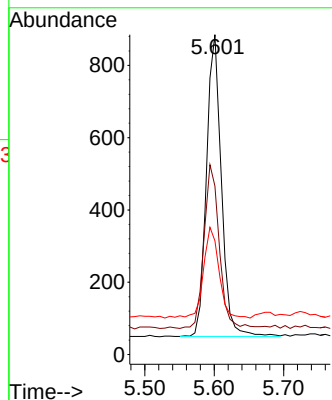
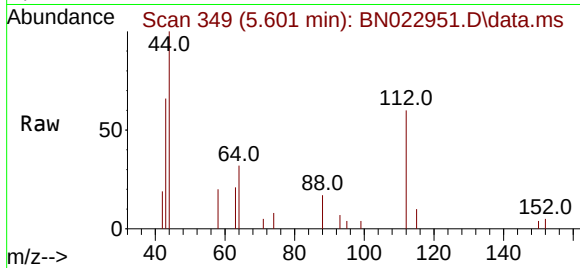




#4  
2-Fluorophenol  
Concen: 0.066 ng  
RT: 5.601 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

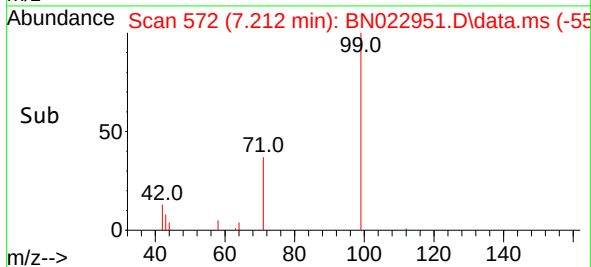
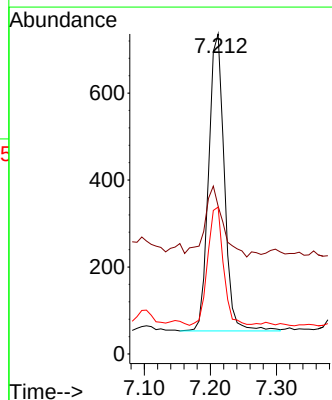
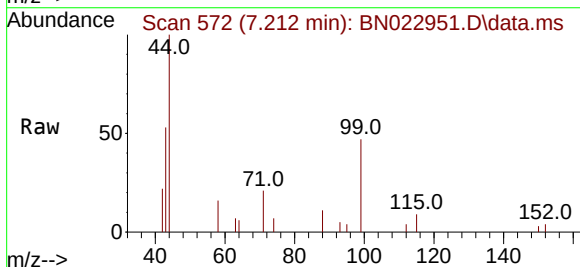
Instrument :  
BNA\_N  
ClientSampleId :  
MW178I-20221115

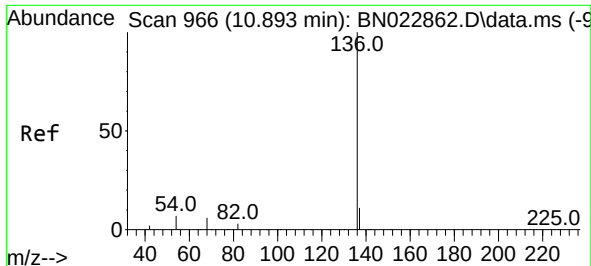
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 1249  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 55.6  | 43.4  | 65.2  |
| 63       | 31.2  | 23.4  | 35.2  |



#5  
Phenol-d6  
Concen: 0.047 ng  
RT: 7.212 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1123  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.6  | 16.0  | 24.0  |
| 71       | 39.7  | 26.8  | 40.2  |

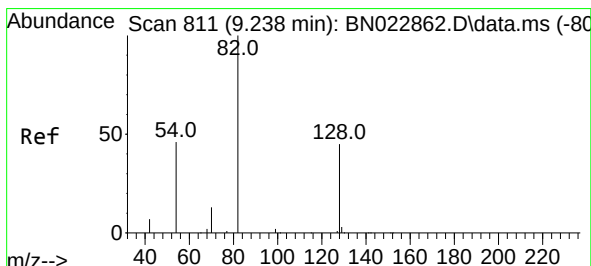
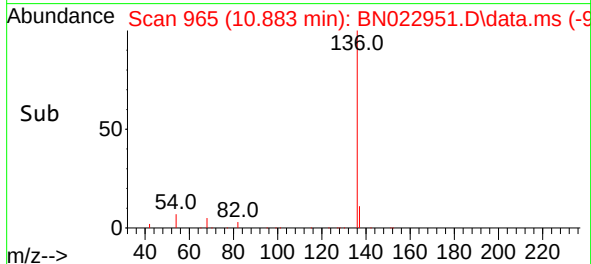
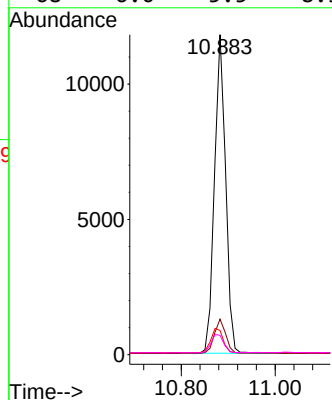
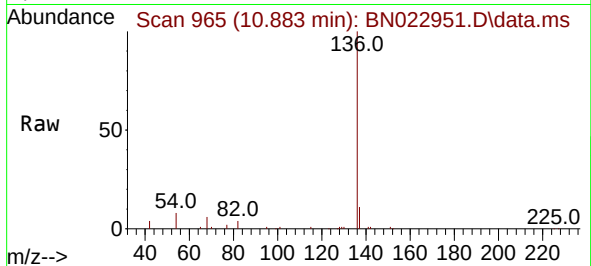




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.883 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

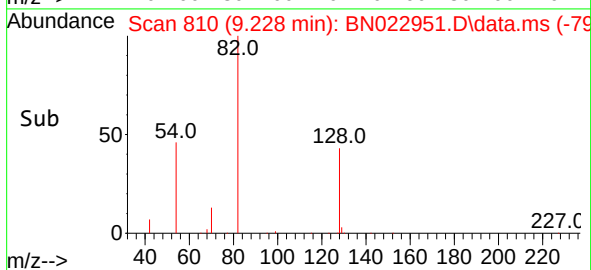
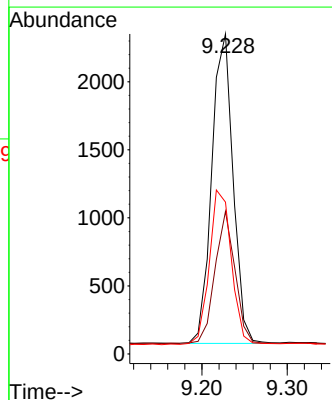
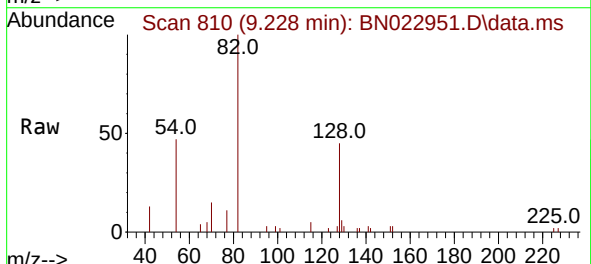
Instrument :  
BNA\_N  
ClientSampleId :  
MW178I-20221115

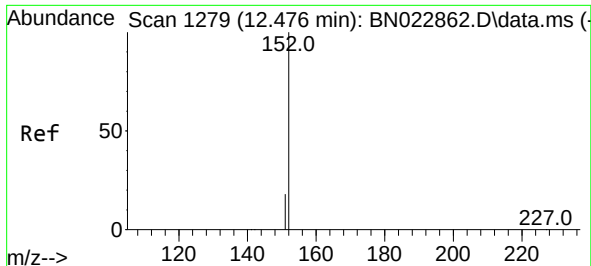
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19380 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.0   | 13.4  |
| 54        | 7.5   | 6.6   | 9.8   |
| 68        | 6.0   | 5.5   | 8.3   |



#8  
Nitrobenzene-d5  
Concen: 0.262 ng  
RT: 9.228 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3948 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.6  | 36.6  | 54.8 |
| 54        | 47.4  | 38.5  | 57.7 |

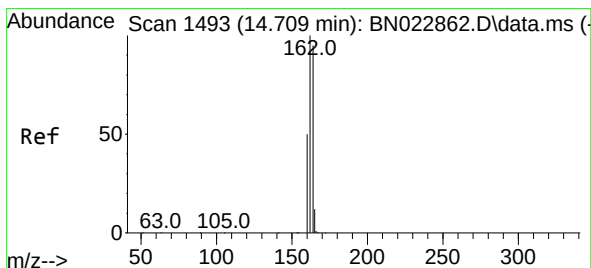
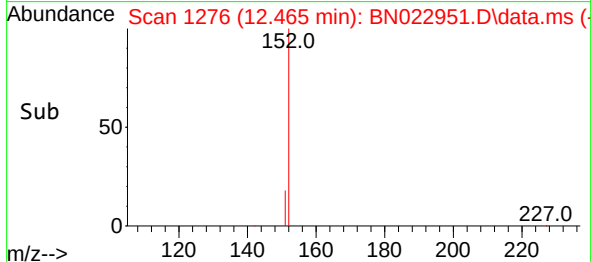
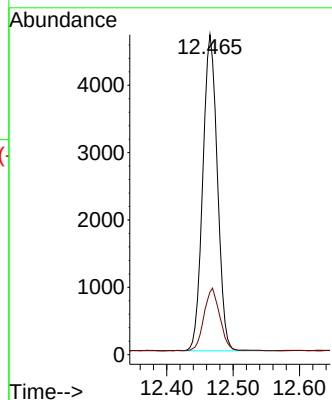
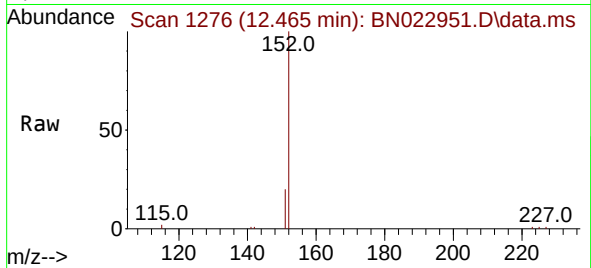




#11  
2-Methylnaphthalene-d10  
Concen: 0.235 ng  
RT: 12.465 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

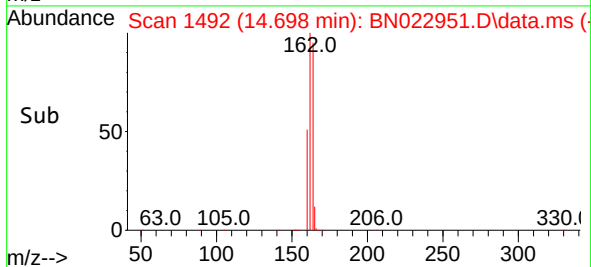
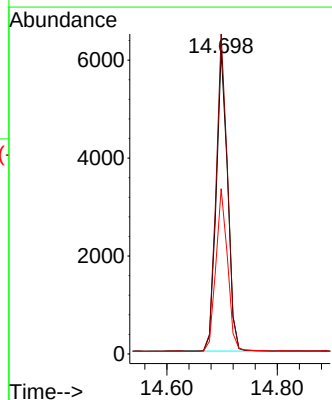
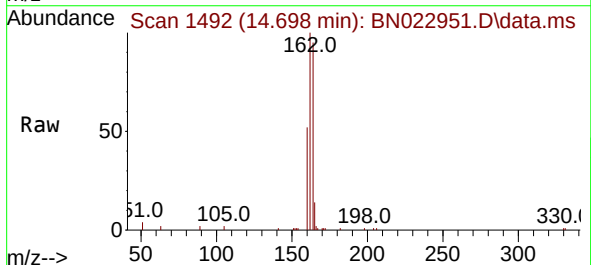
Instrument :  
BNA\_N  
ClientSampleId :  
MW178I-20221115

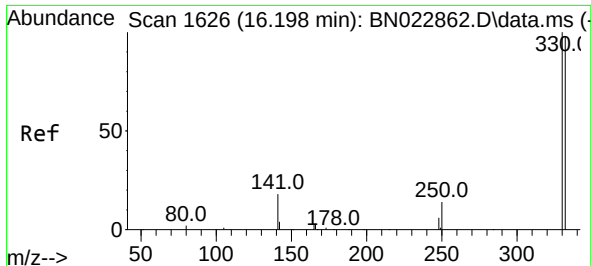
Tgt Ion:152 Resp: 9869  
Ion Ratio Lower Upper  
152 100  
151 21.1 18.6 27.8



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.698 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

Tgt Ion:164 Resp: 8821  
Ion Ratio Lower Upper  
164 100  
162 105.4 84.2 126.4  
160 54.5 42.5 63.7





#14

2,4,6-Tribromophenol

Concen: 0.163 ng

RT: 16.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN022951.D

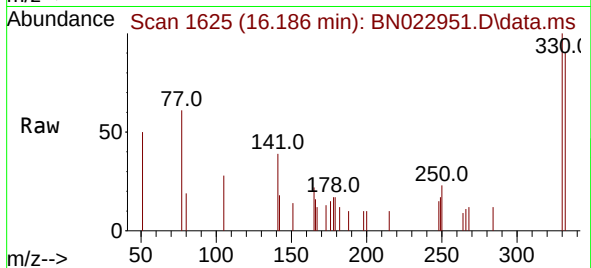
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Instrument :

BNA\_N

ClientSampleId :

MW178I-20221115



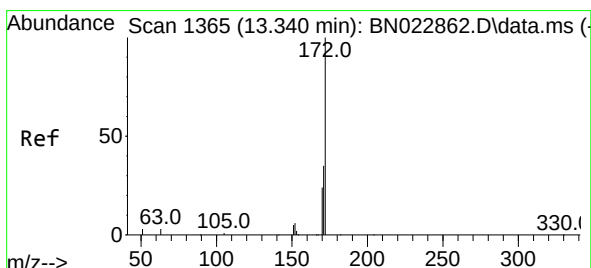
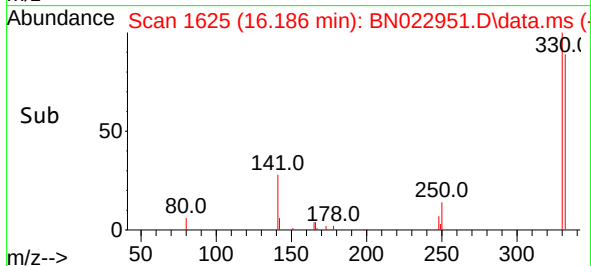
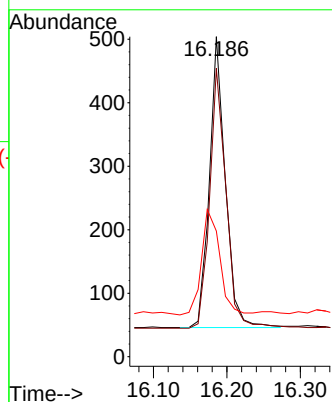
Tgt Ion:330 Resp: 693

Ion Ratio Lower Upper

330 100

332 91.8 76.5 114.7

141 41.4 32.6 48.8



#15

2-Fluorobiphenyl

Concen: 0.325 ng

RT: 13.330 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BN022951.D

Acq: 29 Nov 2022 13:59

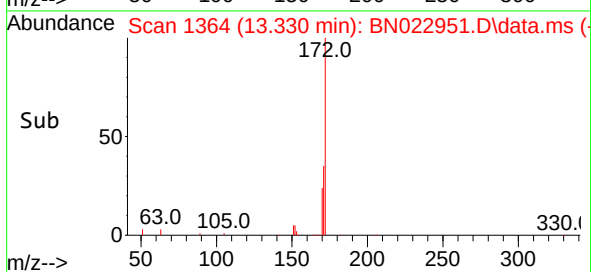
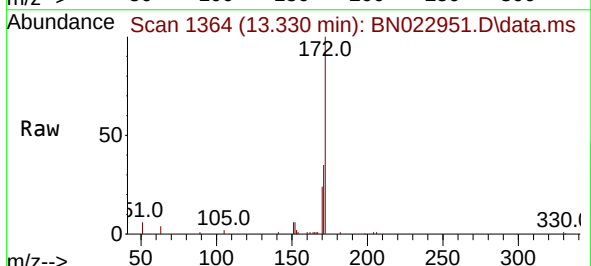
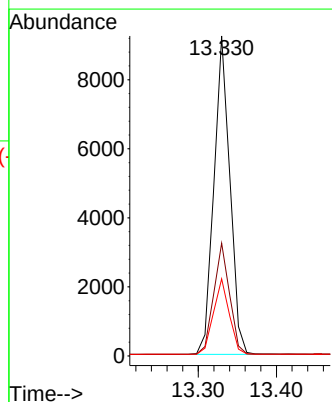
Tgt Ion:172 Resp: 13096

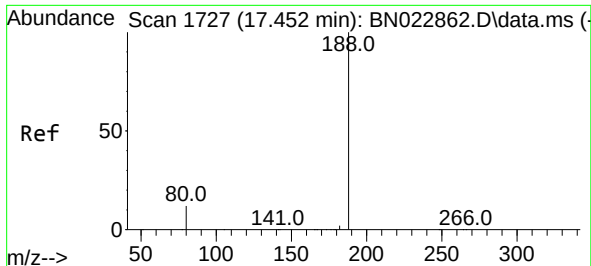
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 24.1 19.3 28.9

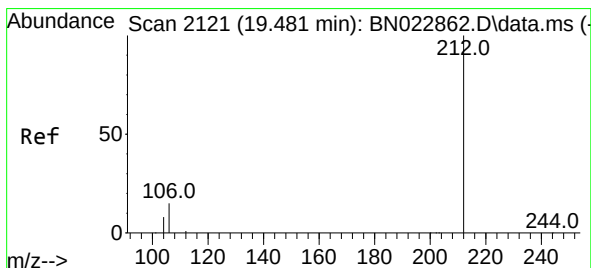
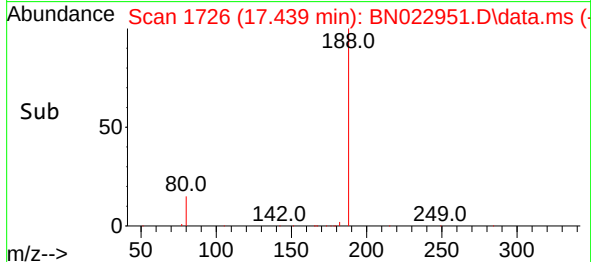
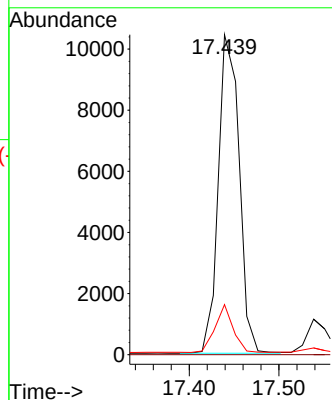
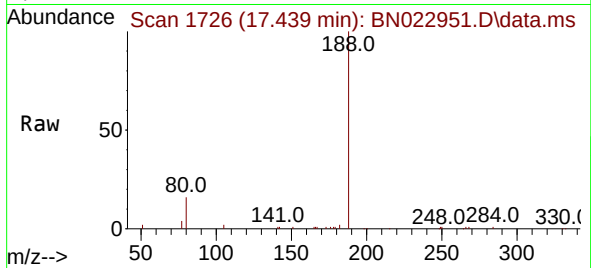




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 1119  
Delta R.T. -0.012 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

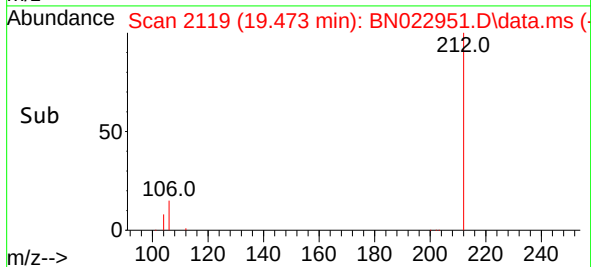
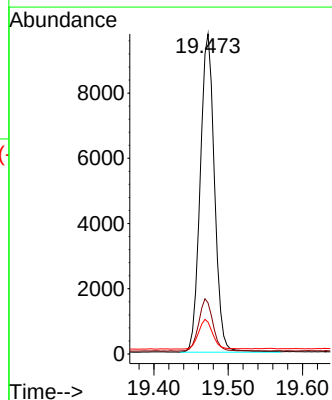
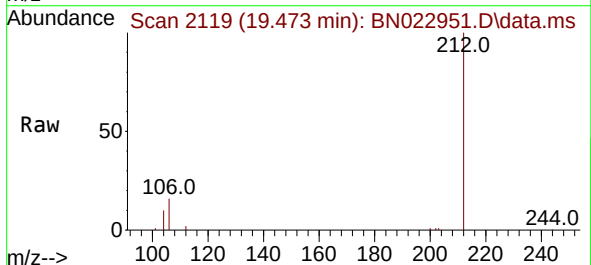
Instrument :  
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Tgt Ion:188 Resp: 16838  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.6 10.3 15.5#

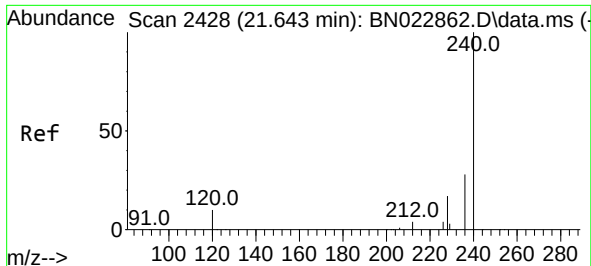


#27  
Fluoranthene-d10  
Concen: 0.285 ng  
RT: 19.473 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

Tgt Ion:212 Resp: 13016  
Ion Ratio Lower Upper  
212 100  
106 16.2 12.3 18.5  
104 9.3 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: BN022951.D

Acq: 29 Nov 2022 13:59

Instrument :

BNA\_N

ClientSampleId :

MW178I-20221115

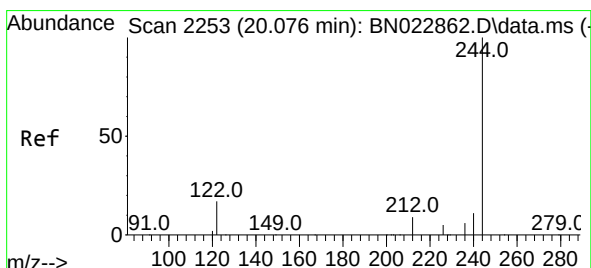
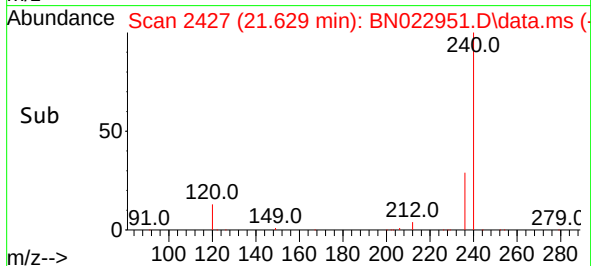
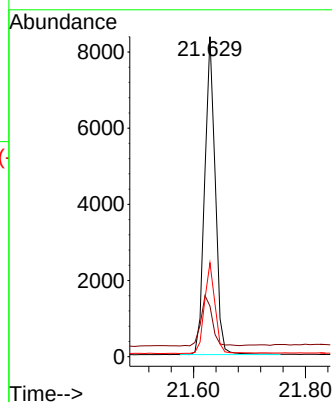
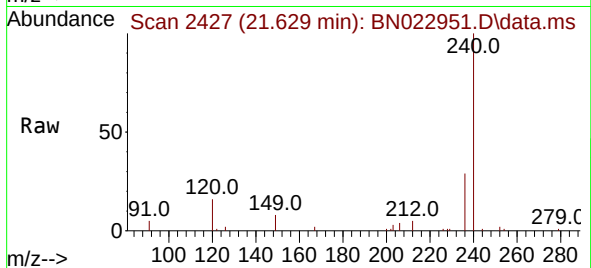
Tgt Ion:240 Resp: 10888

Ion Ratio Lower Upper

240 100

120 15.8 9.2 13.8#

236 29.4 22.6 34.0



#31

Terphenyl-d14

Concen: 0.379 ng

RT: 20.062 min Scan# 2252

Delta R.T. -0.005 min

Lab File: BN022951.D

Acq: 29 Nov 2022 13:59

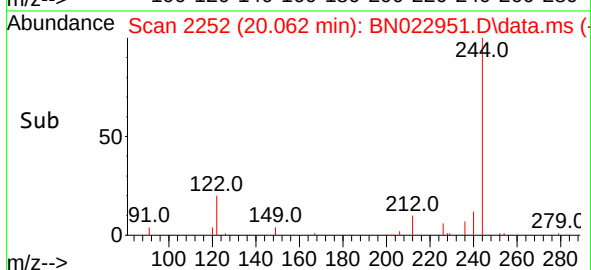
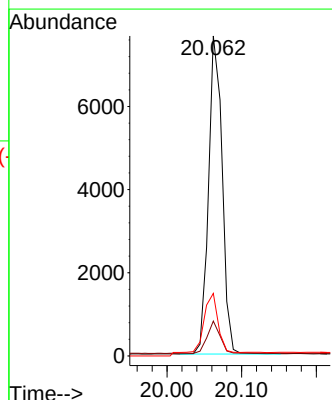
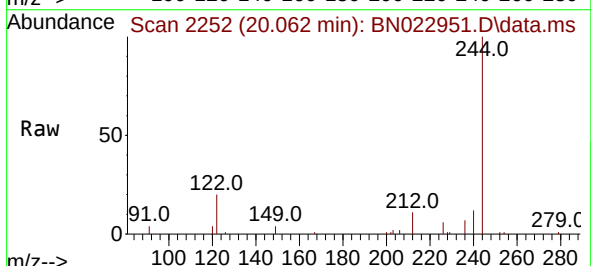
Tgt Ion:244 Resp: 9682

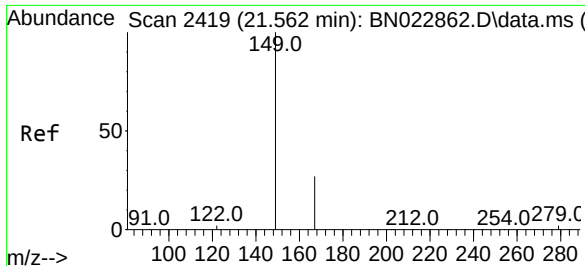
Ion Ratio Lower Upper

244 100

212 10.9 7.9 11.9

122 19.5 13.9 20.9

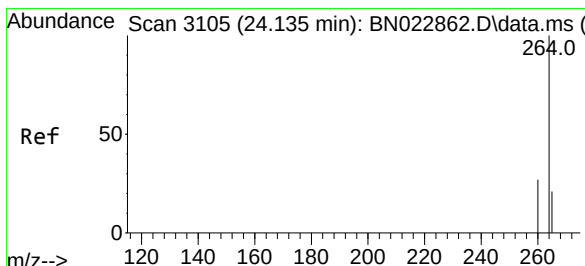
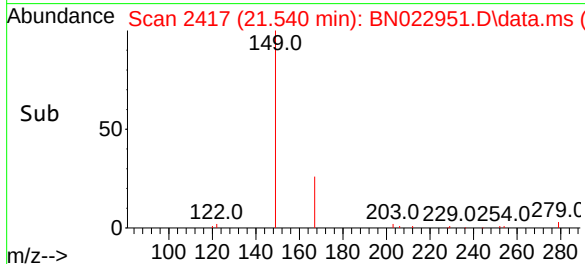
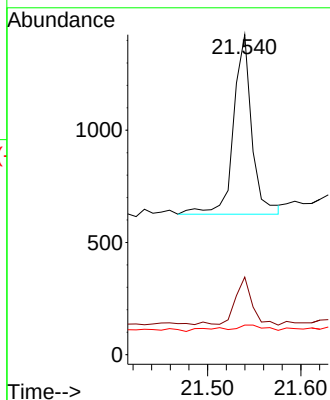
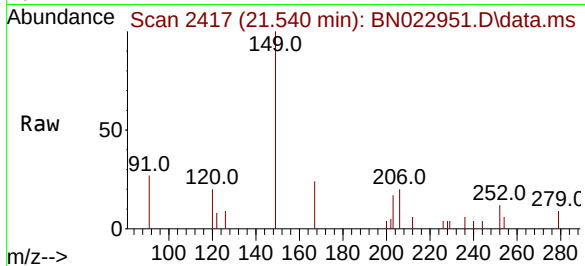




#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.062 ng  
RT: 21.540 min Scan# 2417  
Delta R.T. -0.005 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

Instrument :  
BNA\_N  
ClientSampleId :  
MW178I-20221115

Tgt Ion:149 Resp: 1093  
Ion Ratio Lower Upper  
149 100  
167 24.5 21.3 31.9  
279 4.0 2.3 3.5#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.116 min Scan# 3098  
Delta R.T. -0.007 min  
Lab File: BN022951.D  
Acq: 29 Nov 2022 13:59

Tgt Ion:264 Resp: 8016  
Ion Ratio Lower Upper  
264 100  
260 27.8 21.7 32.5  
265 65.8 31.0 46.4#

