

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112922\  
 Data File : BN022966.D  
 Acq On : 30 Nov 2022 01:03  
 Operator : CG/JU  
 Sample : N5671-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE108D2-20221115

Quant Time: Nov 30 03:22:32 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

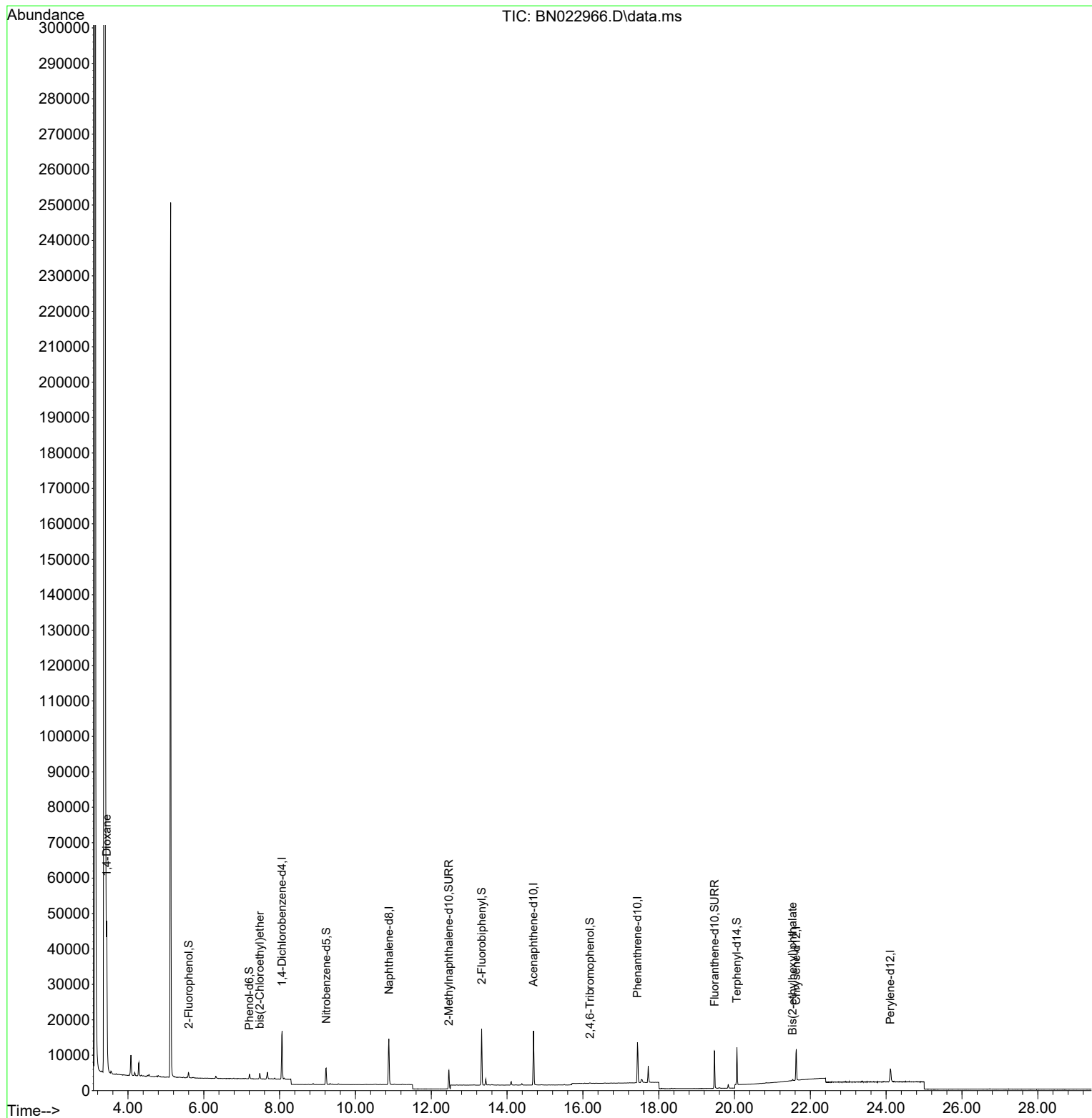
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.064  | 152  | 6218     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.882 | 136  | 16729    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.698 | 164  | 7987     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 15361    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.629 | 240  | 8102     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.110 | 264  | 5626     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.601  | 112  | 1172     | 0.073 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.204  | 99   | 1034     | 0.050 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.227  | 82   | 3930     | 0.302 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.465 | 152  | 9424     | 0.260 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.185 | 330  | 92       | 0.024 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 12577    | 0.344 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.473 | 212  | 11526    | 0.276 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.062 | 244  | 8374     | 0.440 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.442  | 88   | 17418    | 2.207 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.479  | 93   | 1174     | 0.061 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.531 | 149  | 536      | 0.041 | ng    | # 89     |
| -----                         |        |      |          |       |       |          |

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

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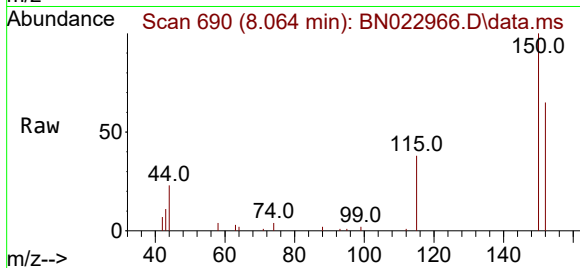
Quant Time: Nov 30 03:22:32 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 30 00:45:21 2022  
Response via : Initial Calibration



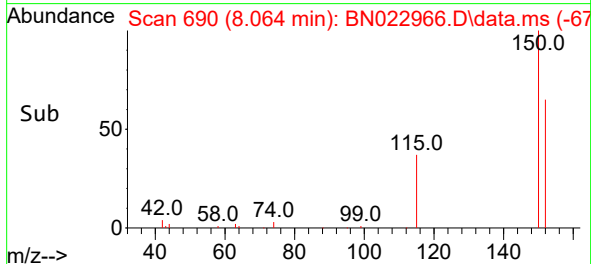
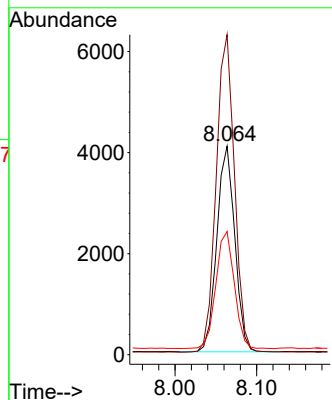


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.064 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

Instrument :  
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ClientSampleId :  
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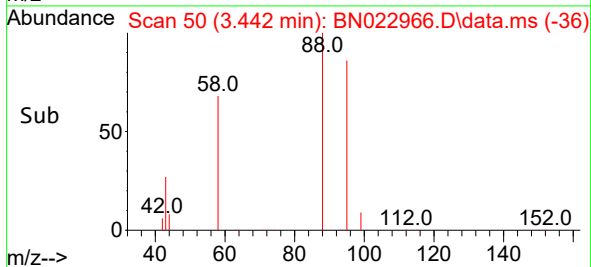
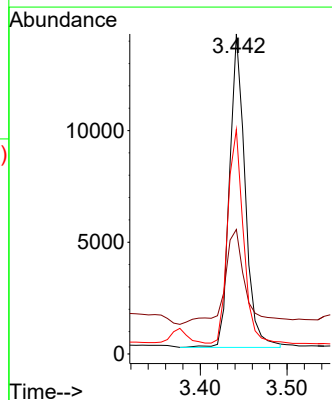
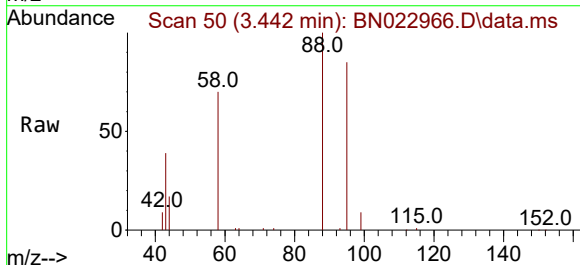


Tgt Ion:152 Resp: 6218  
Ion Ratio Lower Upper  
152 100  
150 153.4 121.2 181.8  
115 59.1 46.2 69.4



#2  
1,4-Dioxane  
Concen: 2.207 ng  
RT: 3.442 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

Tgt Ion: 88 Resp: 17418  
Ion Ratio Lower Upper  
88 100  
43 39.7 25.4 38.2#  
58 68.6 56.5 84.7

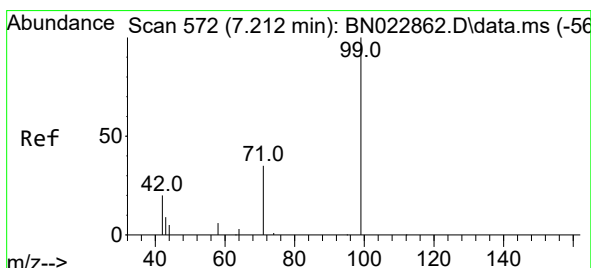
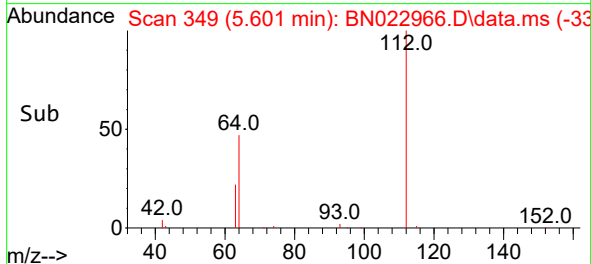
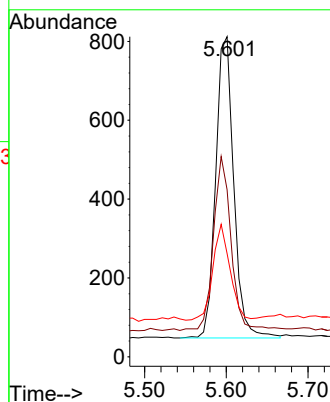
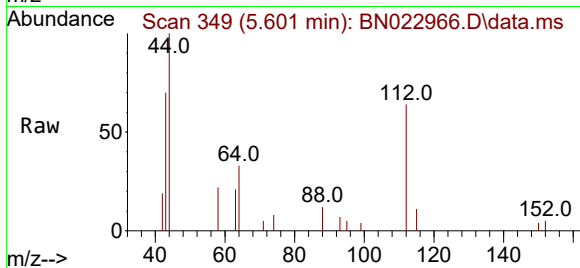




#4  
2-Fluorophenol  
Concen: 0.073 ng  
RT: 5.601 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

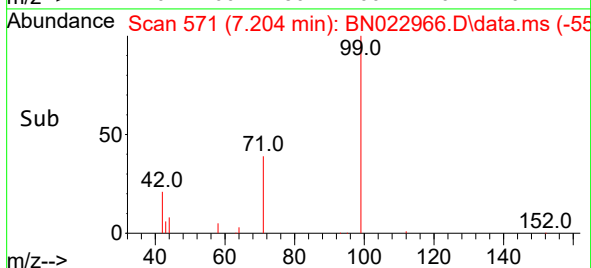
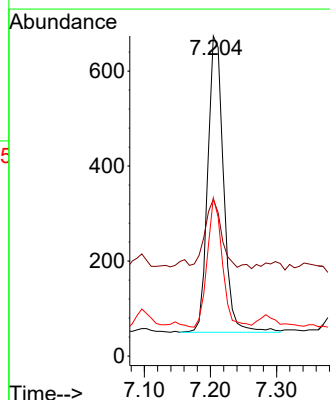
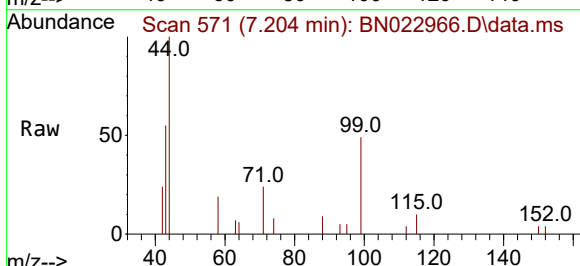
Instrument :  
BNA\_N  
ClientSampleId :  
RE108D2-20221115

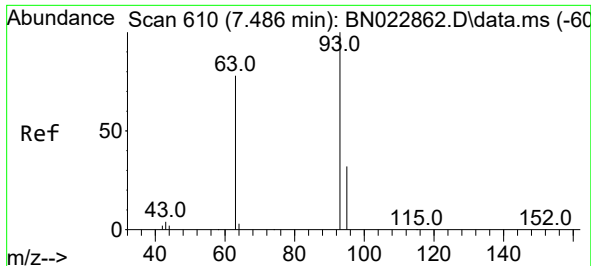
Tgt Ion:112 Resp: 1172  
Ion Ratio Lower Upper  
112 100  
64 56.7 43.4 65.2  
63 30.2 23.4 35.2



#5  
Phenol-d6  
Concen: 0.050 ng  
RT: 7.204 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

Tgt Ion: 99 Resp: 1034  
Ion Ratio Lower Upper  
99 100  
42 25.5 16.0 24.0#  
71 41.2 26.8 40.2#

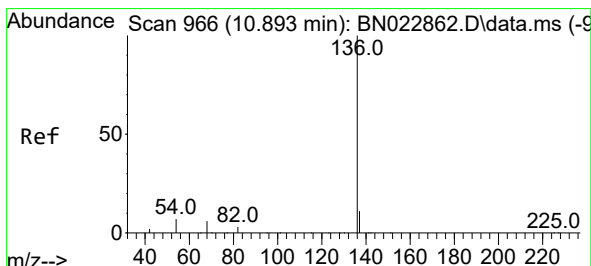
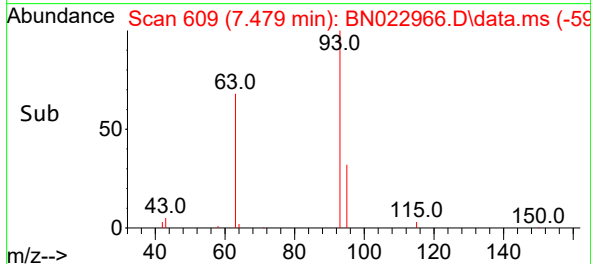
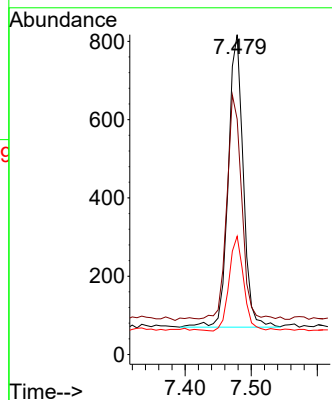
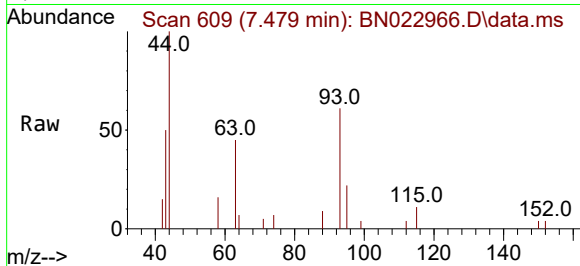




#6  
bis(2-Chloroethyl)ether  
Concen: 0.061 ng  
RT: 7.479 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

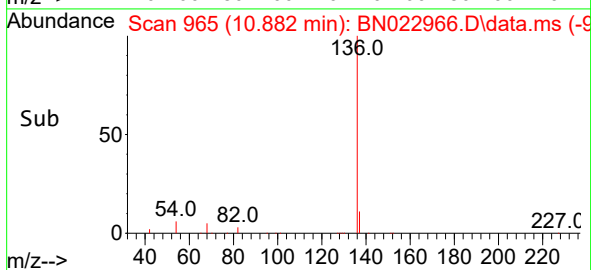
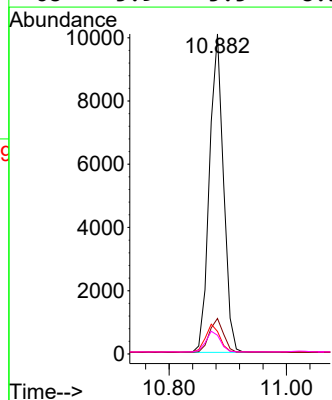
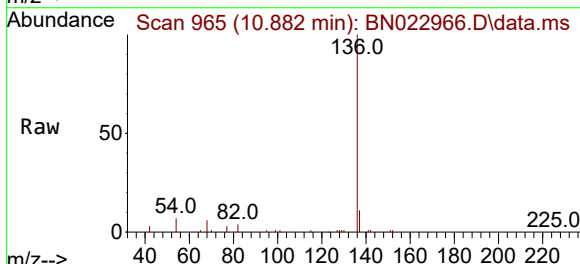
Instrument :  
BNA\_N  
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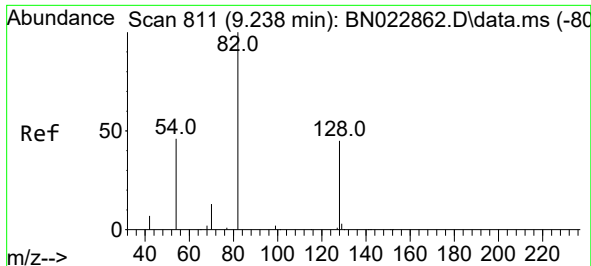
Tgt Ion: 93 Resp: 1174  
Ion Ratio Lower Upper  
93 100  
63 76.1 58.3 87.5  
95 31.6 25.8 38.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.882 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

Tgt Ion: 136 Resp: 16729  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 7.0 6.6 9.8  
68 5.9 5.5 8.3

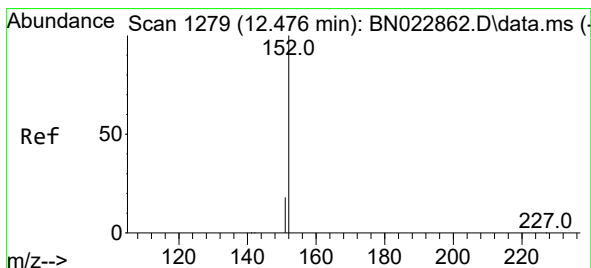
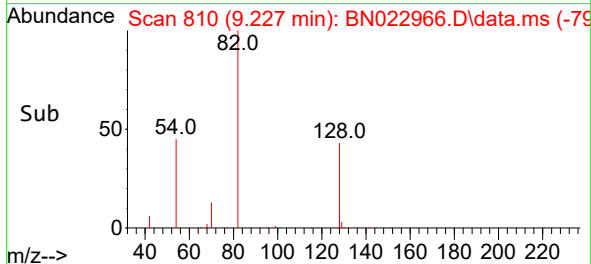
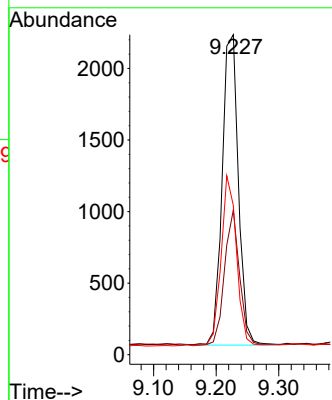
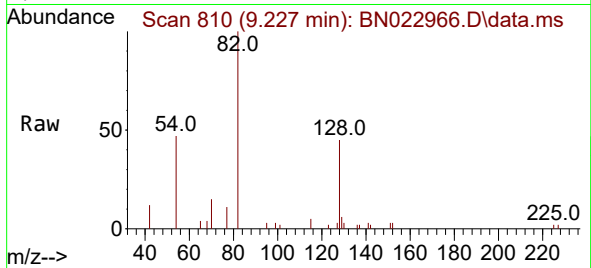




#8  
Nitrobenzene-d5  
Concen: 0.302 ng  
RT: 9.227 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

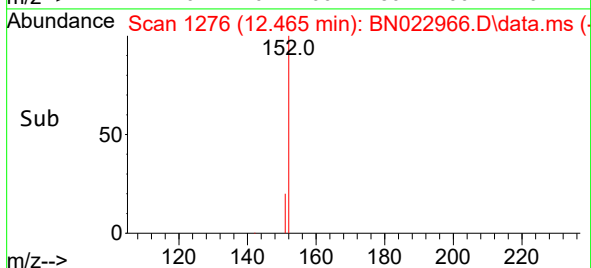
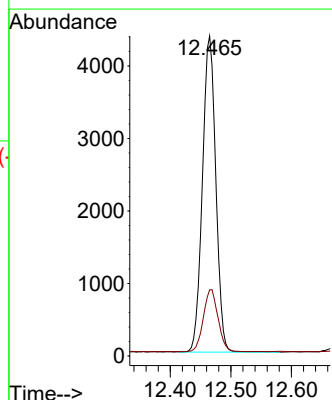
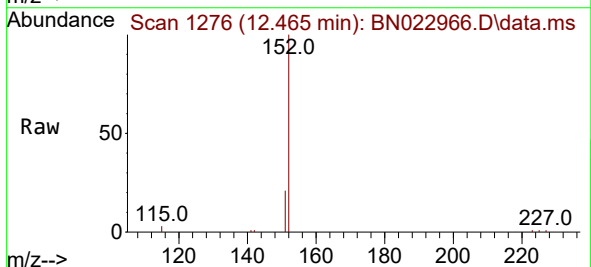
Instrument :  
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ClientSampleId :  
RE108D2-20221115

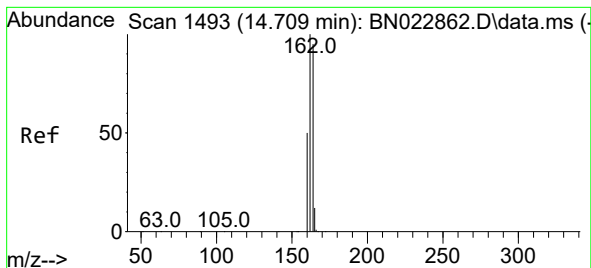
Tgt Ion: 82 Resp: 3930  
Ion Ratio Lower Upper  
82 100  
128 45.2 36.6 54.8  
54 46.6 38.5 57.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.260 ng  
RT: 12.465 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

Tgt Ion: 152 Resp: 9424  
Ion Ratio Lower Upper  
152 100  
151 17.5 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: BN022966.D

Acq: 30 Nov 2022 01:03

Instrument :

BNA\_N

ClientSampleId :

RE108D2-20221115

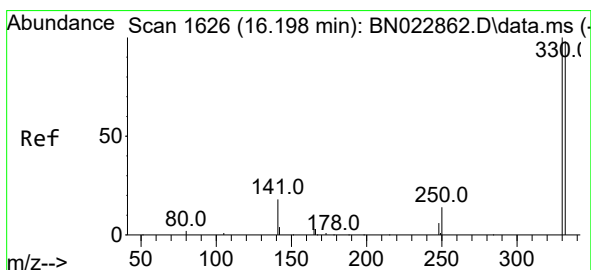
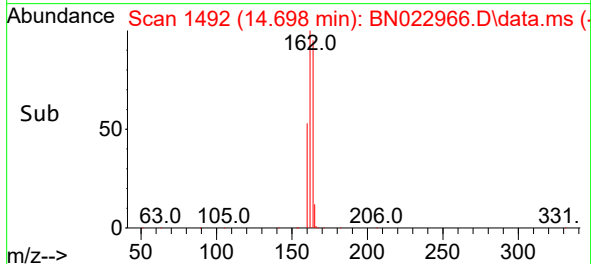
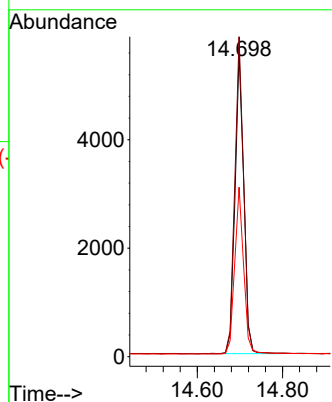
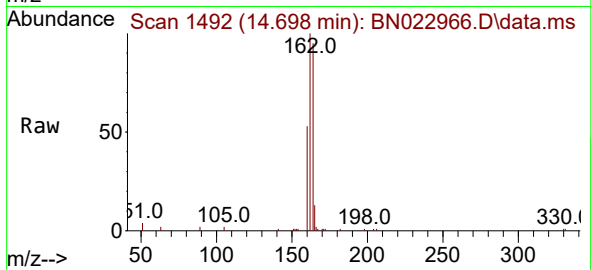
Tgt Ion:164 Resp: 7987

Ion Ratio Lower Upper

164 100

162 105.0 84.2 126.4

160 55.6 42.5 63.7



#14

2,4,6-Tribromophenol

Concen: 0.024 ng

RT: 16.185 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BN022966.D

Acq: 30 Nov 2022 01:03

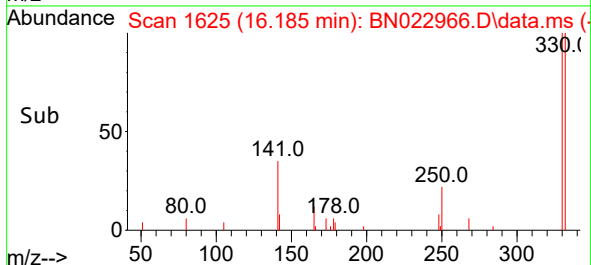
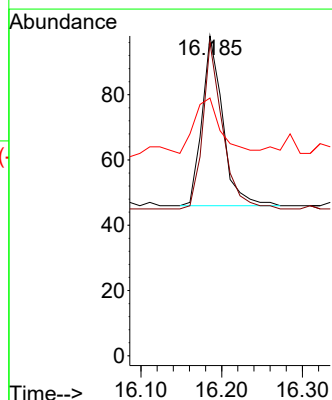
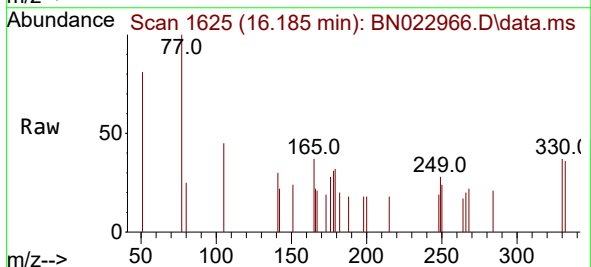
Tgt Ion:330 Resp: 92

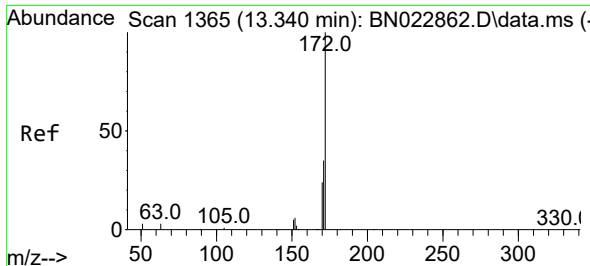
Ion Ratio Lower Upper

330 100

332 94.6 76.5 114.7

141 42.4 32.6 48.8

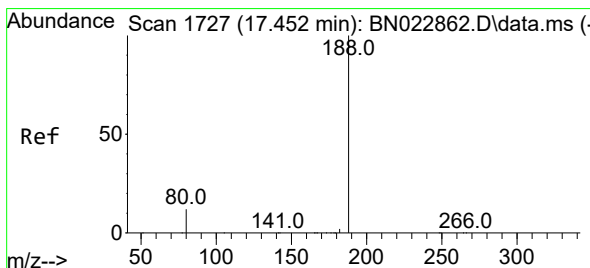
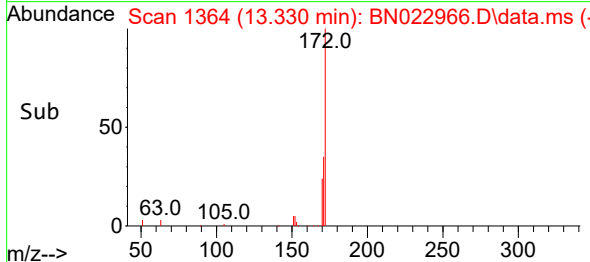
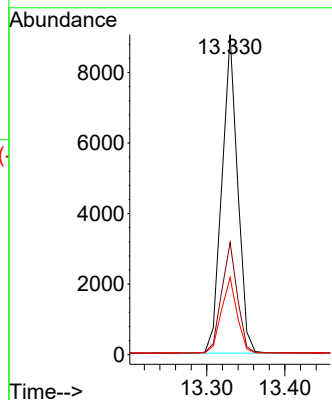
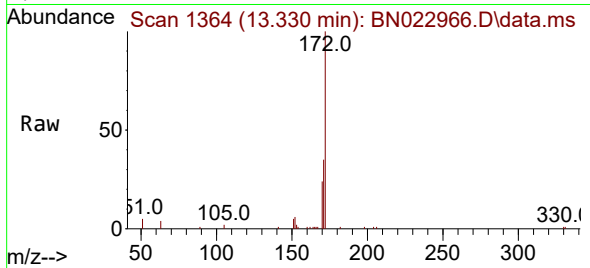




#15  
2-Fluorobiphenyl  
Concen: 0.344 ng  
RT: 13.330 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

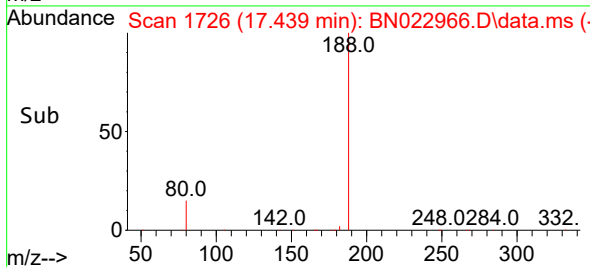
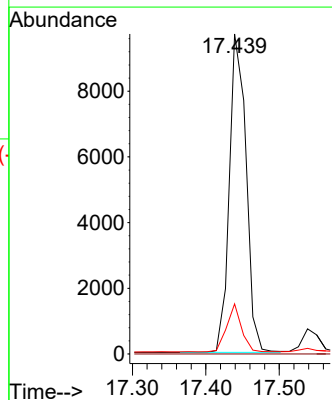
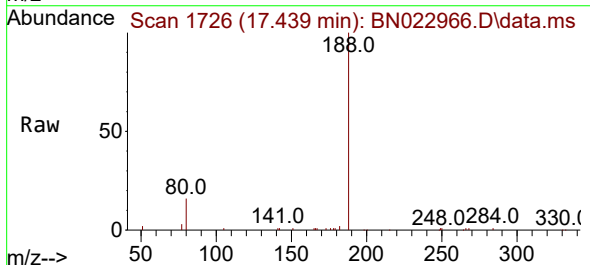
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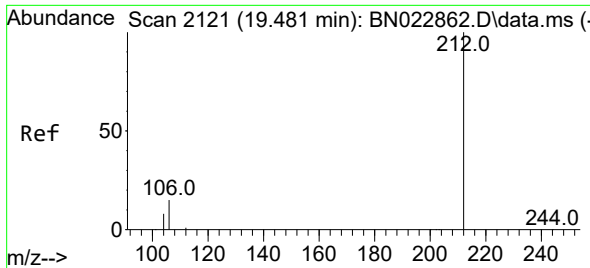
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 12577 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.1  | 28.2  | 42.4  |
| 170      | 24.1  | 19.3  | 28.9  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 1726  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 15361 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 15.6  | 10.3  | 15.5  |

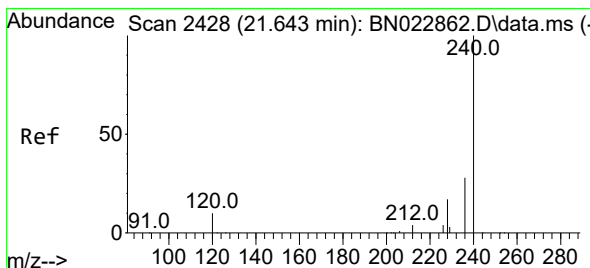
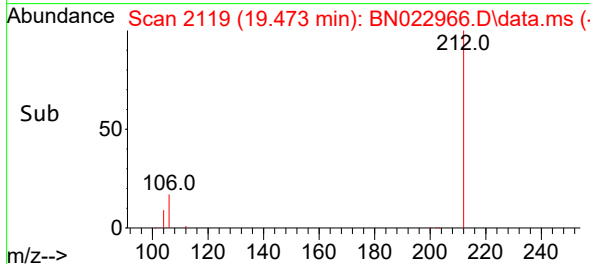
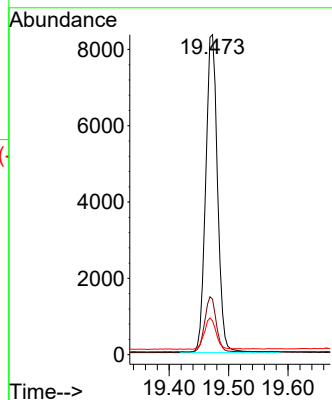
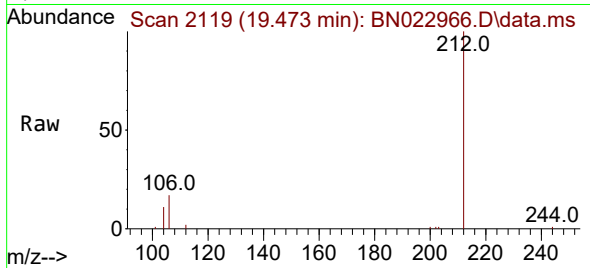




#27  
Fluoranthene-d10  
Concen: 0.276 ng  
RT: 19.473 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

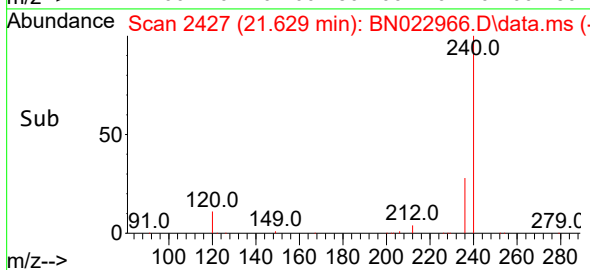
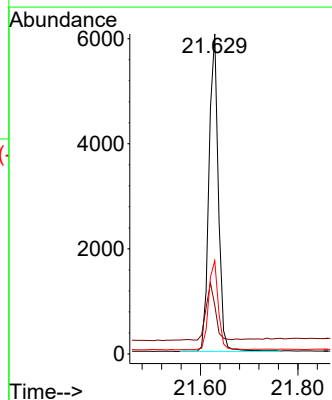
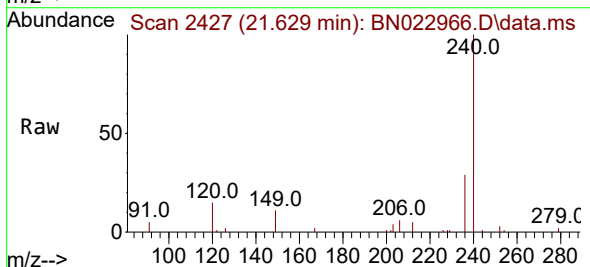
Instrument :  
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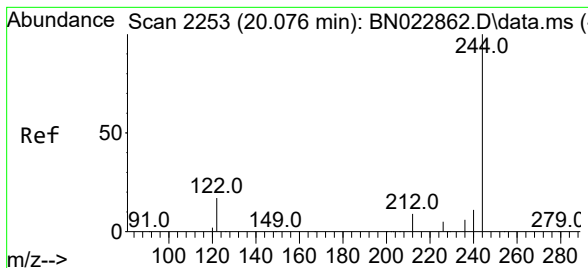
Tgt Ion:212 Resp: 11526  
Ion Ratio Lower Upper  
212 100  
106 16.9 12.3 18.5  
104 9.7 7.0 10.4



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.629 min Scan# 2427  
Delta R.T. 0.000 min  
Lab File: BN022966.D  
Acq: 30 Nov 2022 01:03

Tgt Ion:240 Resp: 8102  
Ion Ratio Lower Upper  
240 100  
120 15.3 9.2 13.8#  
236 29.2 22.6 34.0





#31

Terphenyl-d14

Concen: 0.440 ng

RT: 20.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN022966.D

Acq: 30 Nov 2022 01:03

Instrument :

BNA\_N

ClientSampleId :

RE108D2-20221115

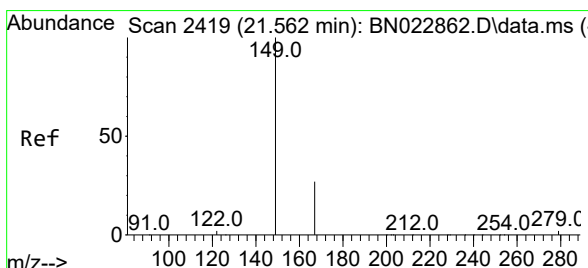
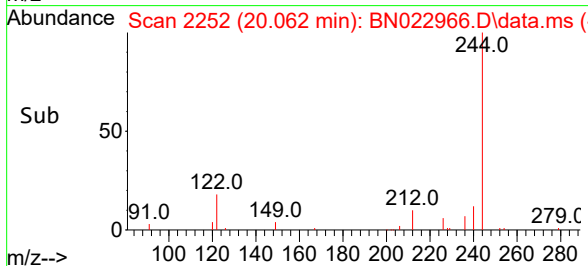
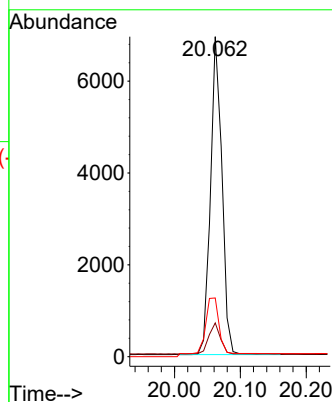
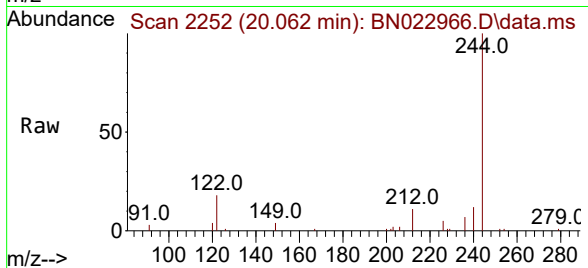
Tgt Ion:244 Resp: 8374

Ion Ratio Lower Upper

244 100

212 10.6 7.9 11.9

122 18.3 13.9 20.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 21.531 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BN022966.D

Acq: 30 Nov 2022 01:03

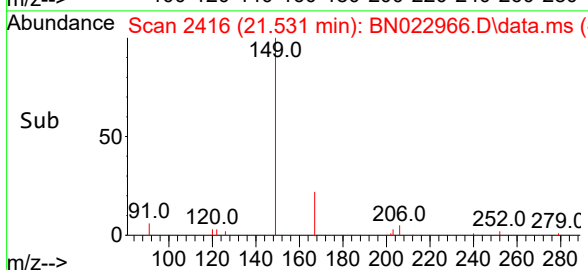
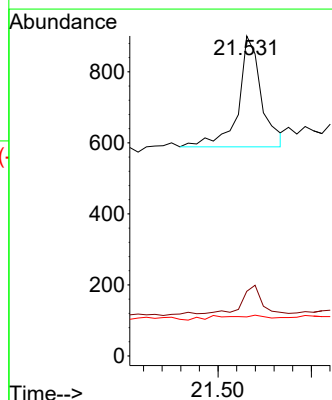
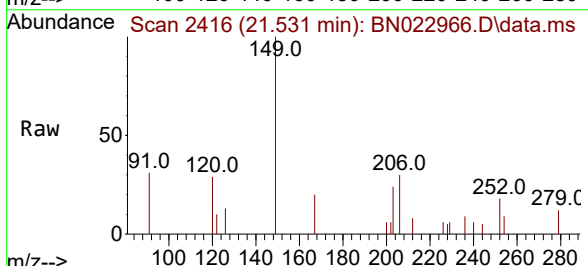
Tgt Ion:149 Resp: 536

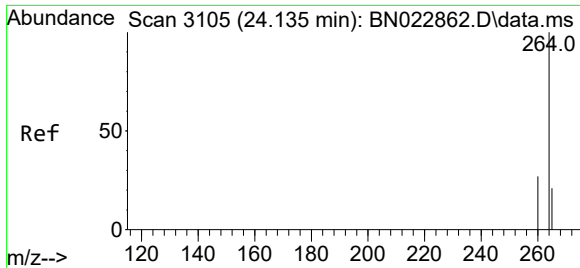
Ion Ratio Lower Upper

149 100

167 21.1 21.3 31.9#

279 0.0 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.110 min Scan# 30

Delta R.T. -0.003 min

Lab File: BN022966.D

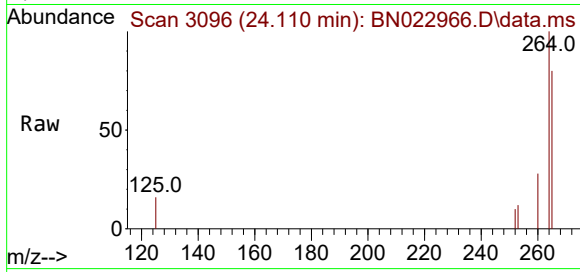
Acq: 30 Nov 2022 01:03

Instrument :

BNA\_N

ClientSampleId :

RE108D2-20221115



Tgt Ion:264 Resp: 5626

Ion Ratio Lower Upper

264 100

260 28.2 21.7 32.5

265 79.7 31.0 46.4#

