

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082323\  
 Data File : BF134896.D  
 Acq On : 23 Aug 2023 10:50  
 Operator : CG\JU  
 Sample : 04091-19  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-F

Quant Time: Aug 24 04:23:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 22 19:33:25 2023  
 Response via : Initial Calibration

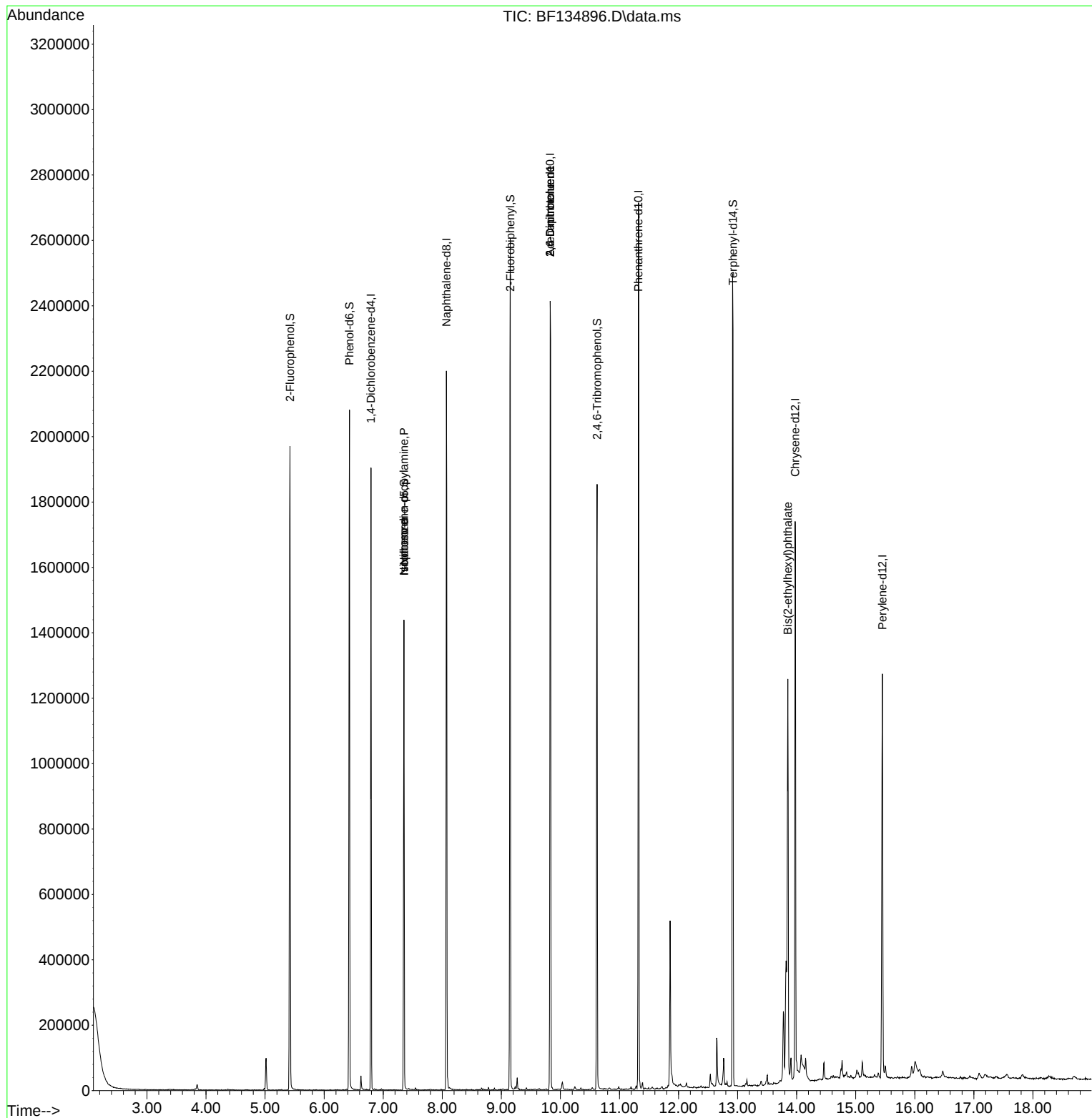
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.793  | 152  | 243605   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 960134   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.828  | 164  | 516013   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.322 | 188  | 979382   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 587640   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 569235   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 534618   | 34.996 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 683460   | 35.013 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 411869   | 23.638 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 228291   | 37.564 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 785296   | 23.526 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.922 | 244  | 919241   | 21.515 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 55584    | 4.876  | ng    | # 79     |
| 25) Isophorone                | 7.351  | 82   | 409009   | 12.571 | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.828  | 165  | 68318    | 8.433  | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.828  | 165  | 68318    | 6.819  | ng    | # 25     |
| 84) Bis(2-ethylhexyl)phtha... | 13.851 | 149  | 414863   | 20.175 | ng    | # 53     |
| -----                         |        |      |          |        |       |          |

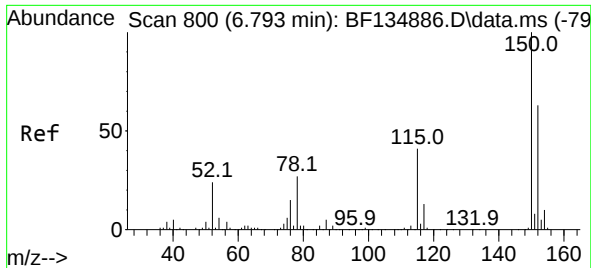
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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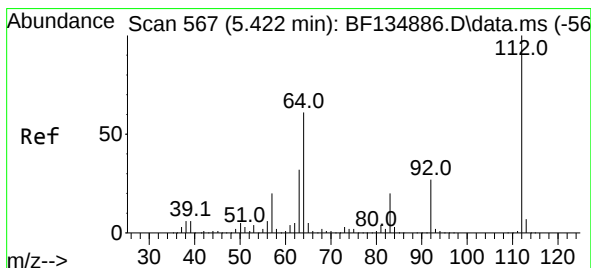
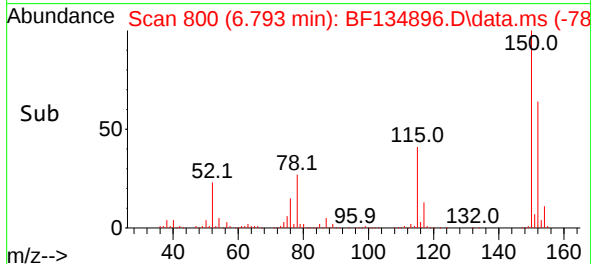
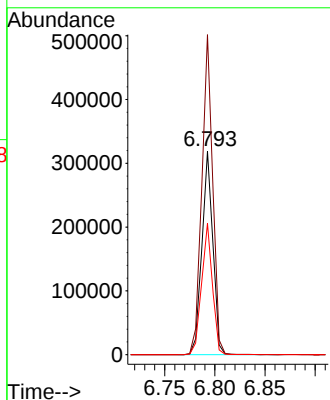
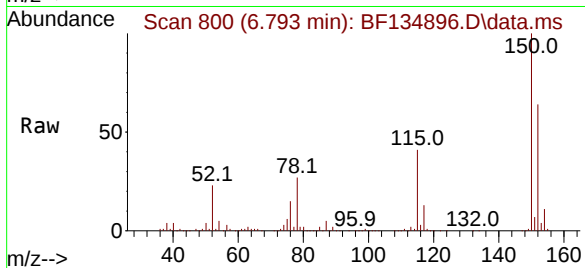




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.793 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

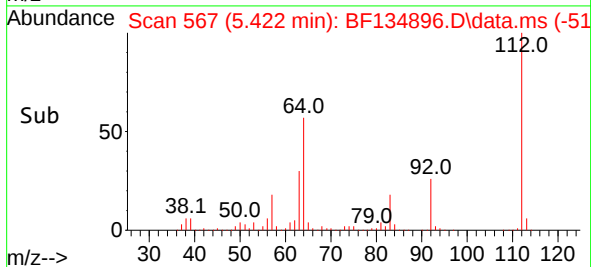
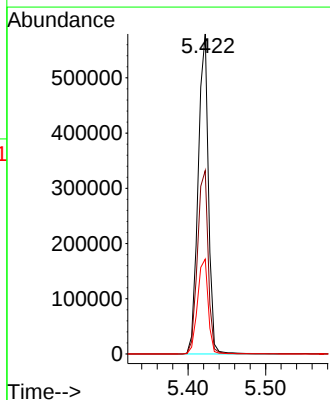
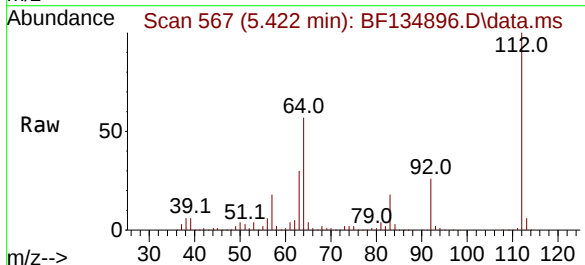
Instrument :  
BNA\_F  
ClientSampleId :  
TP-F

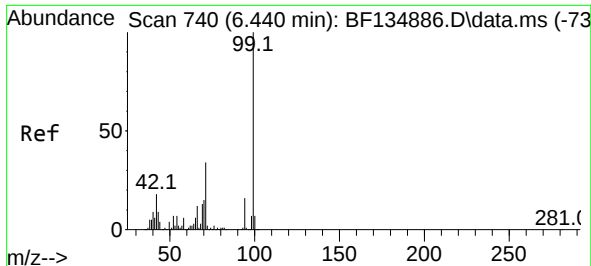
Tgt Ion:152 Resp: 243605  
Ion Ratio Lower Upper  
152 100  
150 157.3 126.1 189.1  
115 64.5 51.1 76.7



#5  
2-Fluorophenol  
Concen: 34.996 ng  
RT: 5.422 min Scan# 567  
Delta R.T. 0.000 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

Tgt Ion:112 Resp: 534618  
Ion Ratio Lower Upper  
112 100  
64 57.3 48.6 73.0  
63 29.7 25.7 38.5

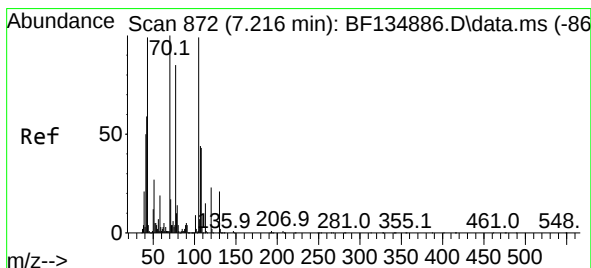
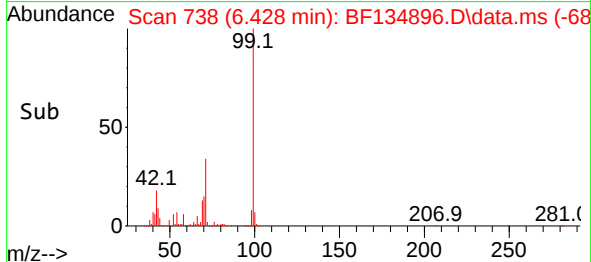
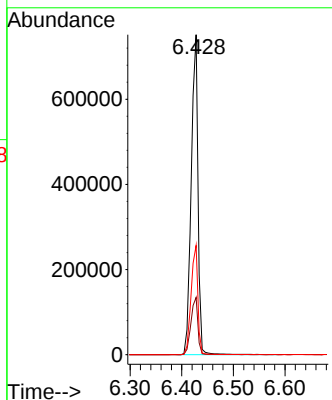
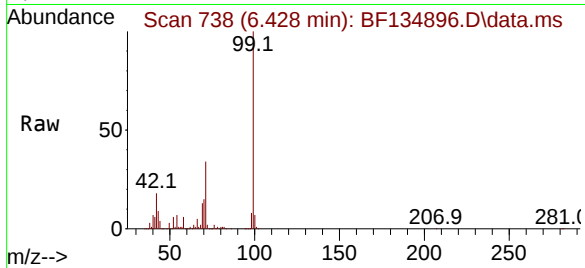




#7  
Phenol-d6  
Concen: 35.013 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

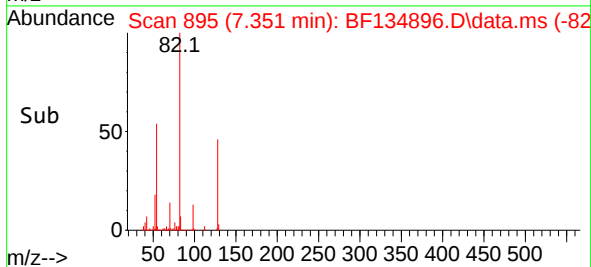
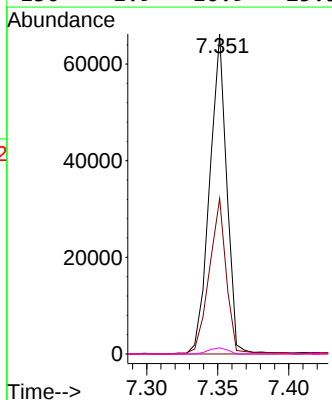
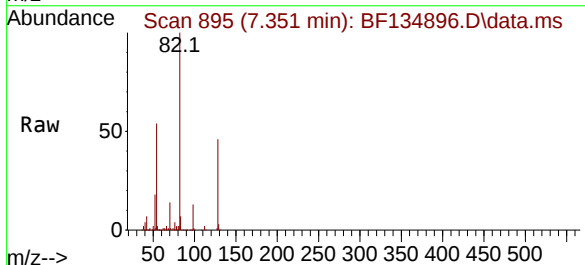
Instrument :  
BNA\_F  
ClientSampleId :  
TP-F

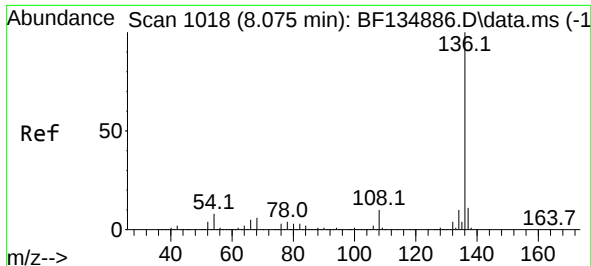
Tgt Ion: 99 Resp: 683460  
Ion Ratio Lower Upper  
99 100  
42 17.9 14.6 22.0  
71 34.1 27.6 41.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 4.876 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.135 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

Tgt Ion: 70 Resp: 55584  
Ion Ratio Lower Upper  
70 100  
42 48.6 46.9 70.3  
101 0.0 7.5 11.3#  
130 1.9 16.9 25.3#

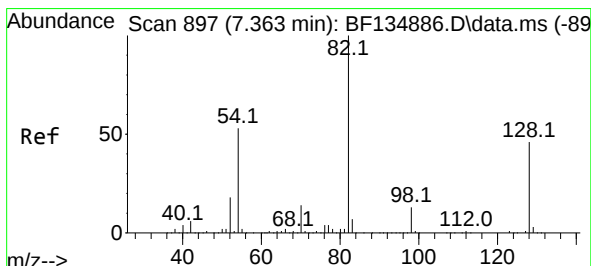
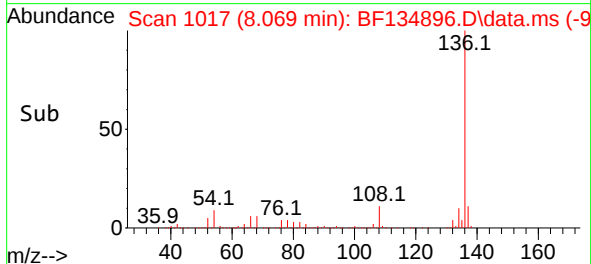
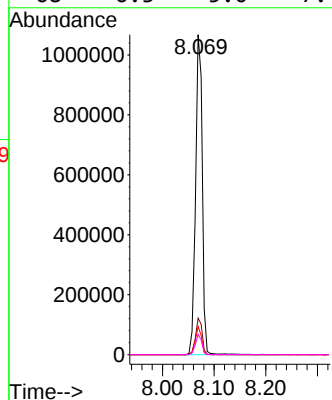
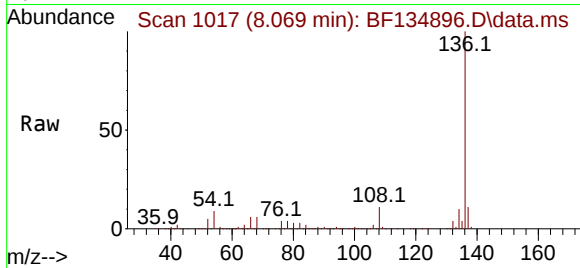




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

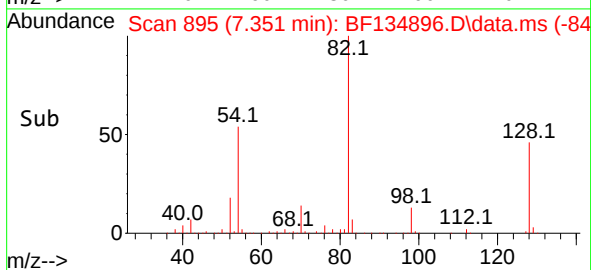
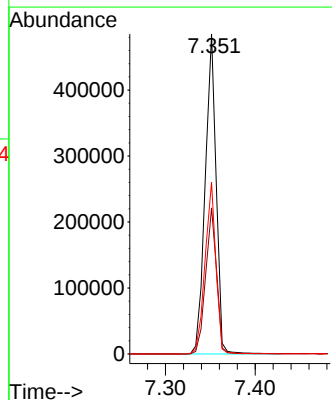
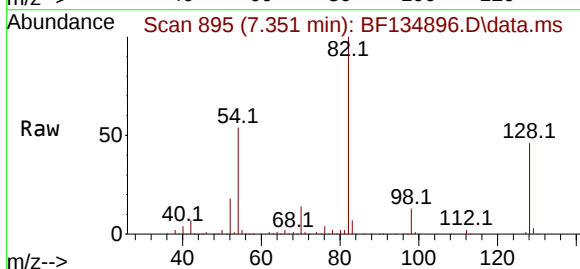
Instrument :  
BNA\_F  
ClientSampleId :  
TP-F

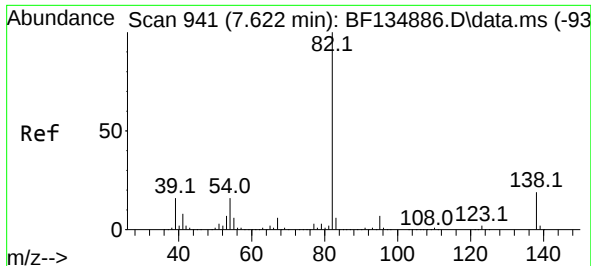
Tgt Ion:136 Resp: 960134  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.9 13.3  
54 8.8 6.6 9.8  
68 6.3 5.0 7.4



#23  
Nitrobenzene-d5  
Concen: 23.638 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

Tgt Ion: 82 Resp: 411869  
Ion Ratio Lower Upper  
82 100  
128 45.6 36.6 54.8  
54 53.7 42.6 63.8

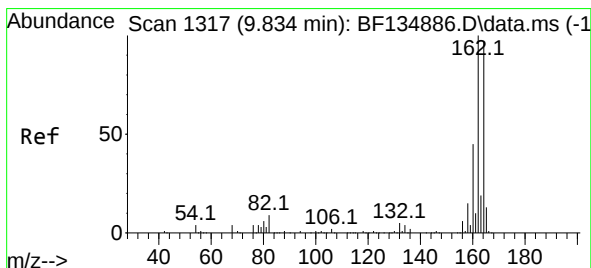
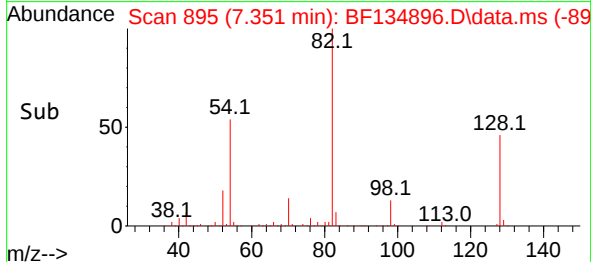
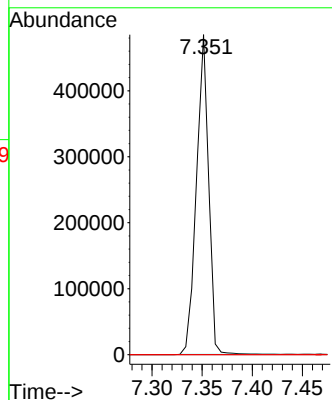
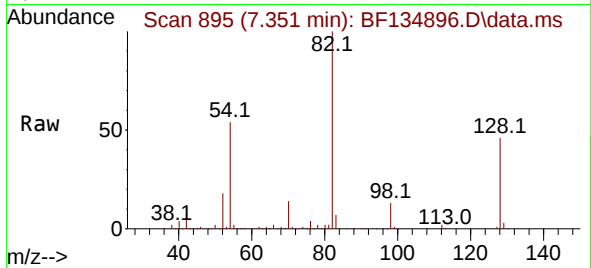




#25  
Isophorone  
Concen: 12.571 ng  
RT: 7.351 min Scan# 89  
Delta R.T. -0.271 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

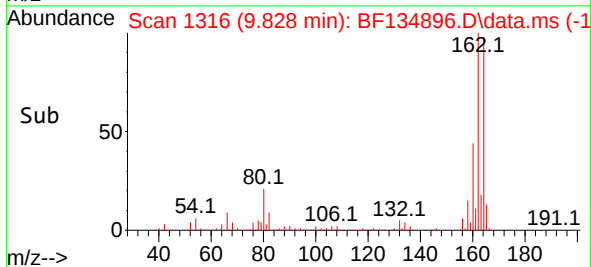
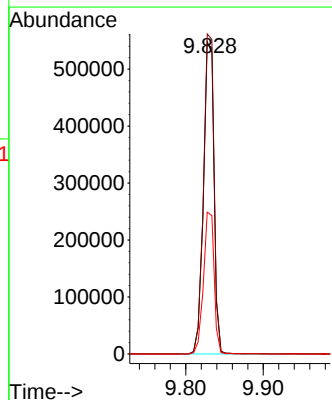
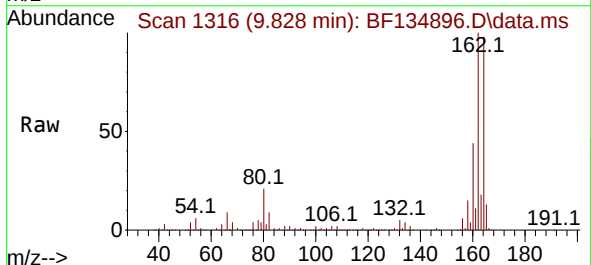
Instrument :  
BNA\_F  
ClientSampleId :  
TP-F

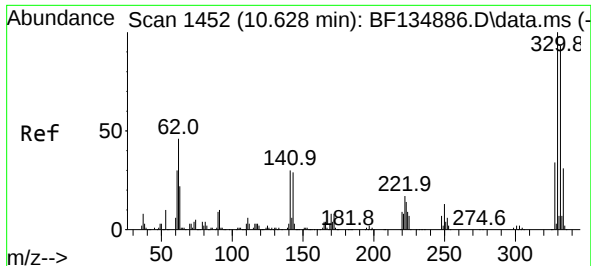
Tgt Ion: 82 Resp: 409009  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 14.9 22.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

Tgt Ion:164 Resp: 516013  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.6 123.8  
160 45.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 37.564 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

Instrument :

BNA\_F

ClientSampleId :

TP-F

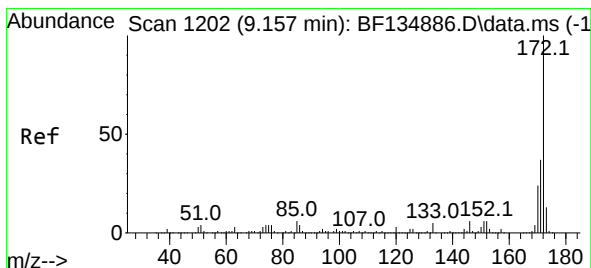
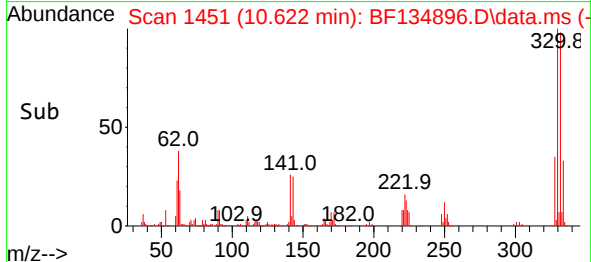
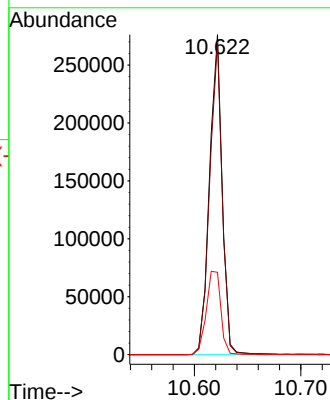
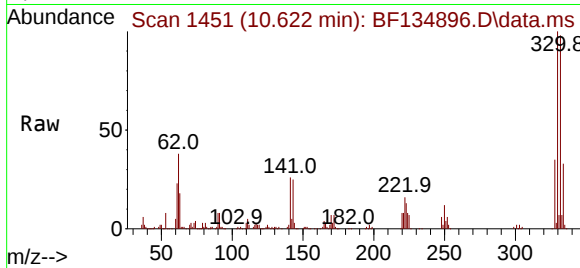
Tgt Ion:330 Resp: 228291

Ion Ratio Lower Upper

330 100

332 97.3 76.3 114.5

141 30.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 23.526 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

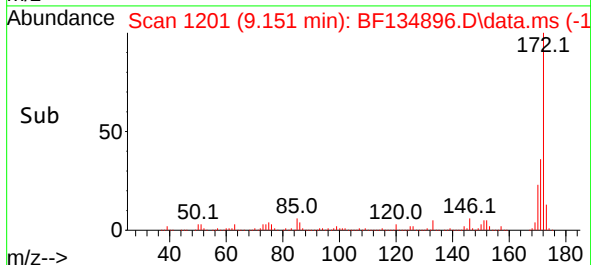
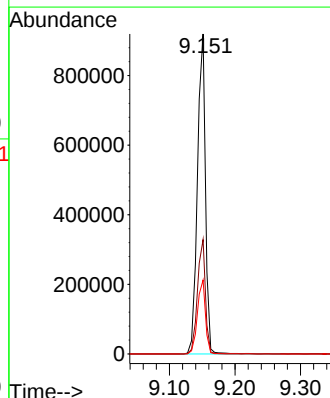
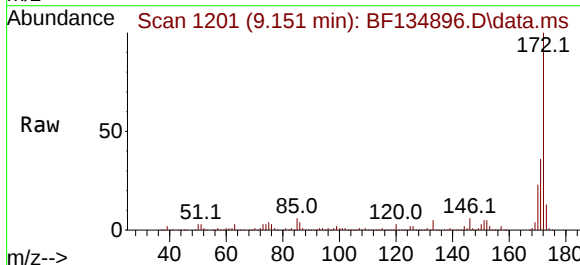
Tgt Ion:172 Resp: 785296

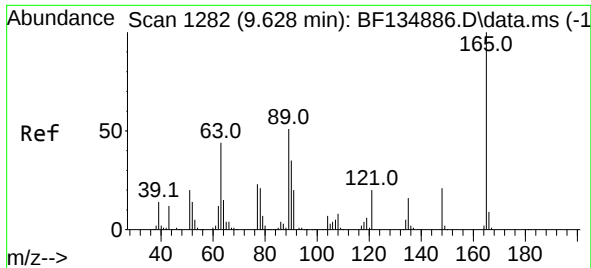
Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 23.1 19.6 29.4

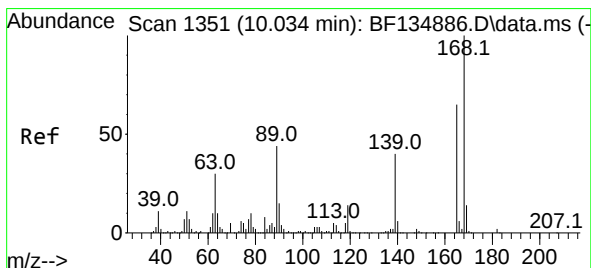
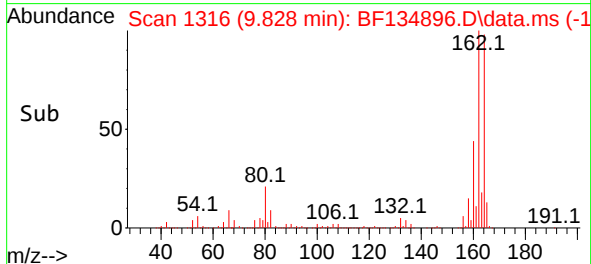
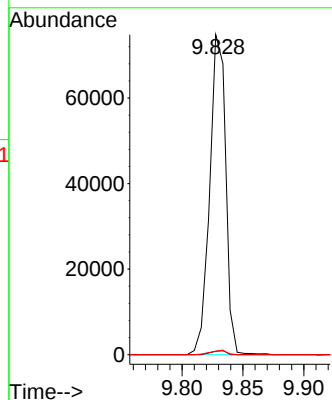
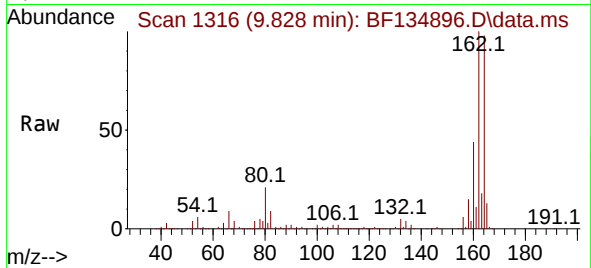




#51  
2,6-Dinitrotoluene  
Concen: 8.433 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. 0.200 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

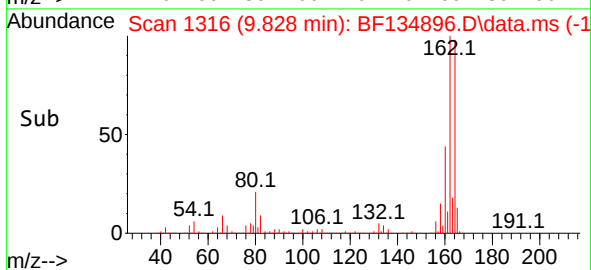
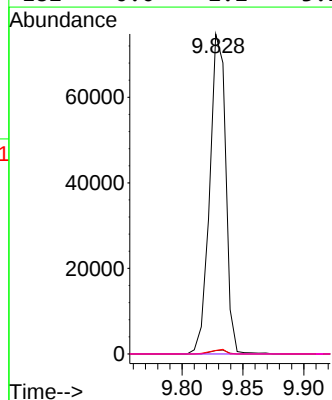
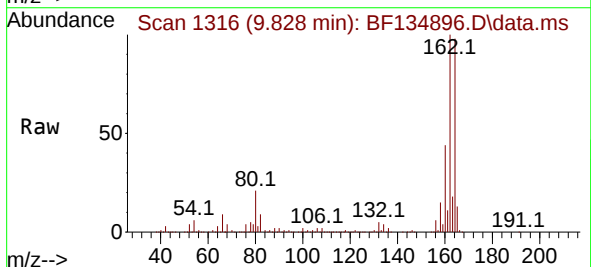
Instrument :  
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TP-F

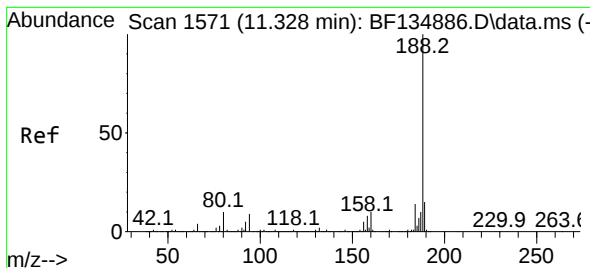
Tgt Ion:165 Resp: 68318  
Ion Ratio Lower Upper  
165 100  
63 1.1 41.4 62.2#  
89 1.1 40.9 61.3#



#57  
2,4-Dinitrotoluene  
Concen: 6.819 ng  
RT: 9.828 min Scan# 1316  
Delta R.T. -0.206 min  
Lab File: BF134896.D  
Acq: 23 Aug 2023 10:50

Tgt Ion:165 Resp: 68318  
Ion Ratio Lower Upper  
165 100  
63 1.1 37.7 56.5#  
89 1.1 54.2 81.4#  
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

Instrument :

BNA\_F

ClientSampleId :

TP-F

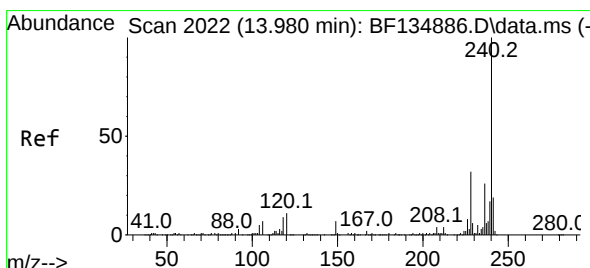
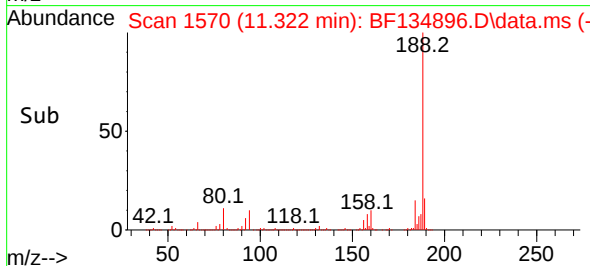
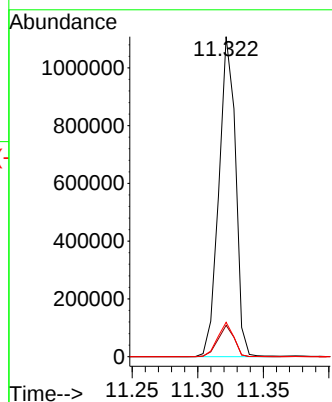
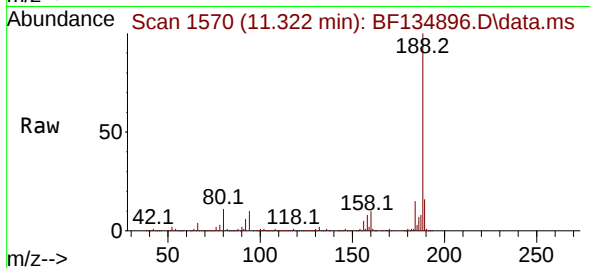
Tgt Ion:188 Resp: 979382

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.8 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

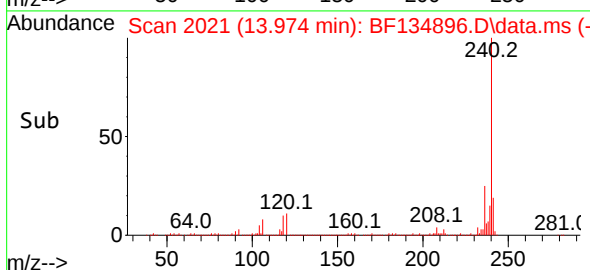
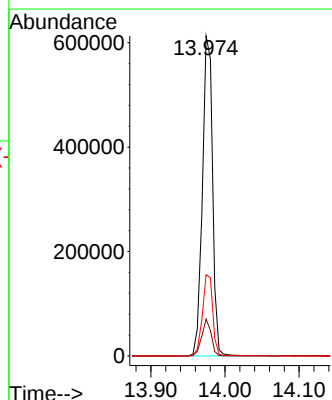
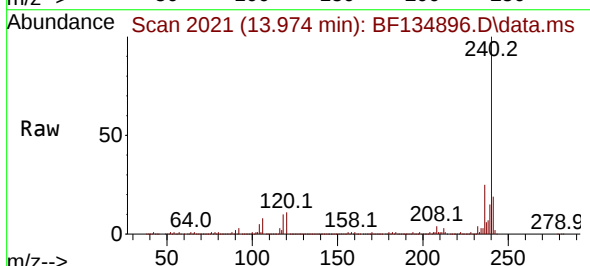
Tgt Ion:240 Resp: 587640

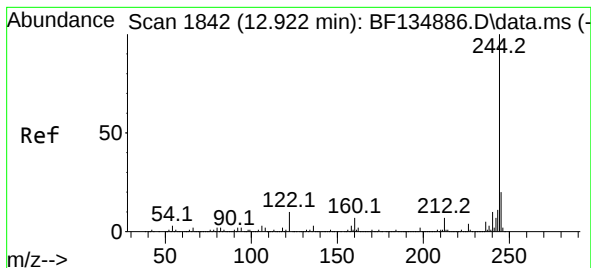
Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 21.515 ng

RT: 12.922 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

Instrument :

BNA\_F

ClientSampleId :

TP-F

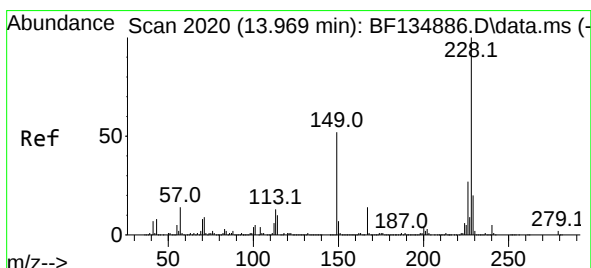
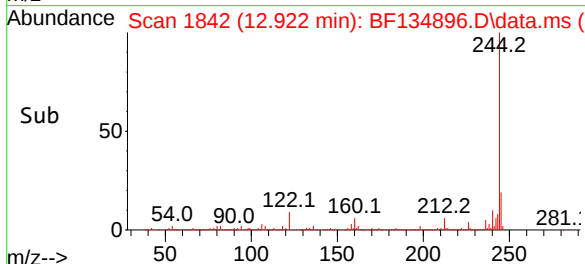
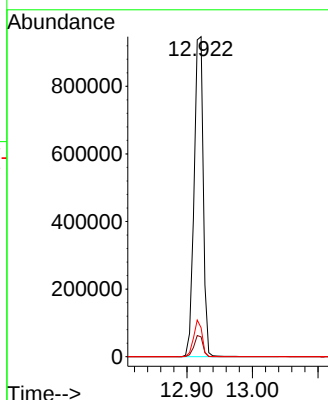
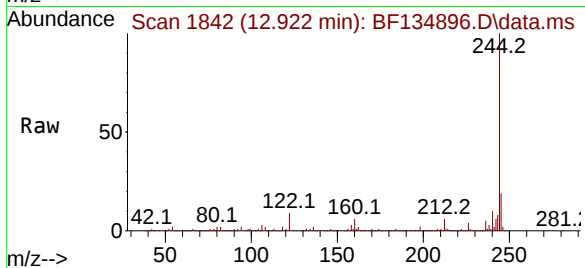
Tgt Ion:244 Resp: 919241

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 9.1 8.2 12.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.175 ng

RT: 13.851 min Scan# 2000

Delta R.T. -0.118 min

Lab File: BF134896.D

Acq: 23 Aug 2023 10:50

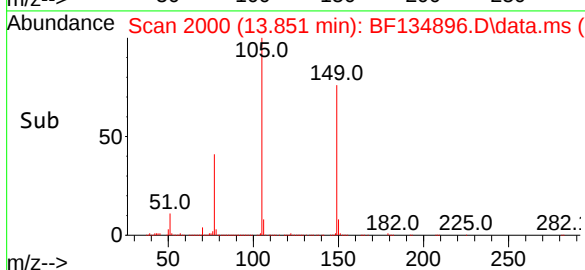
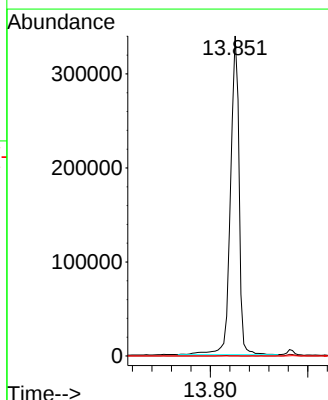
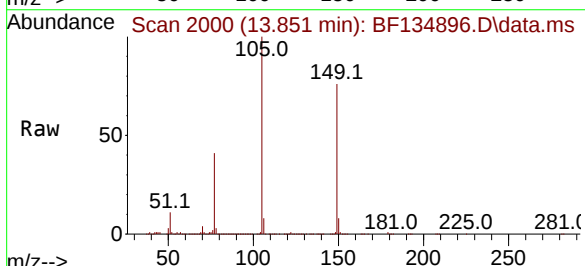
Tgt Ion:149 Resp: 414863

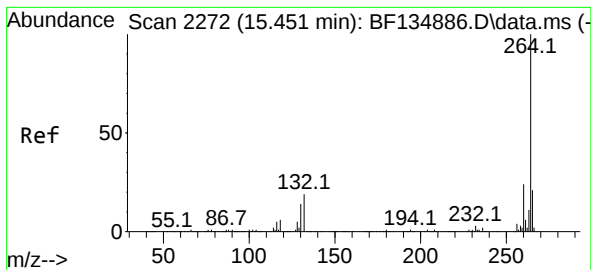
Ion Ratio Lower Upper

149 100

167 0.0 22.1 33.1#

279 0.0 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134896.D

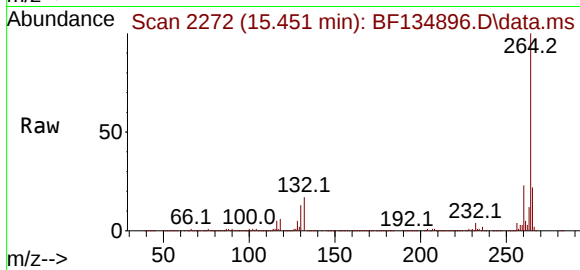
Acq: 23 Aug 2023 10:50

Instrument :

BNA\_F

ClientSampleId :

TP-F



Tgt Ion:264 Resp: 569235

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.7 17.1 25.7

