

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072922\  
 Data File : BF129453.D  
 Acq On : 29 Jul 2022 21:20  
 Operator : CG\JU  
 Sample : N3858-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-B

Quant Time: Jul 30 01:11:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

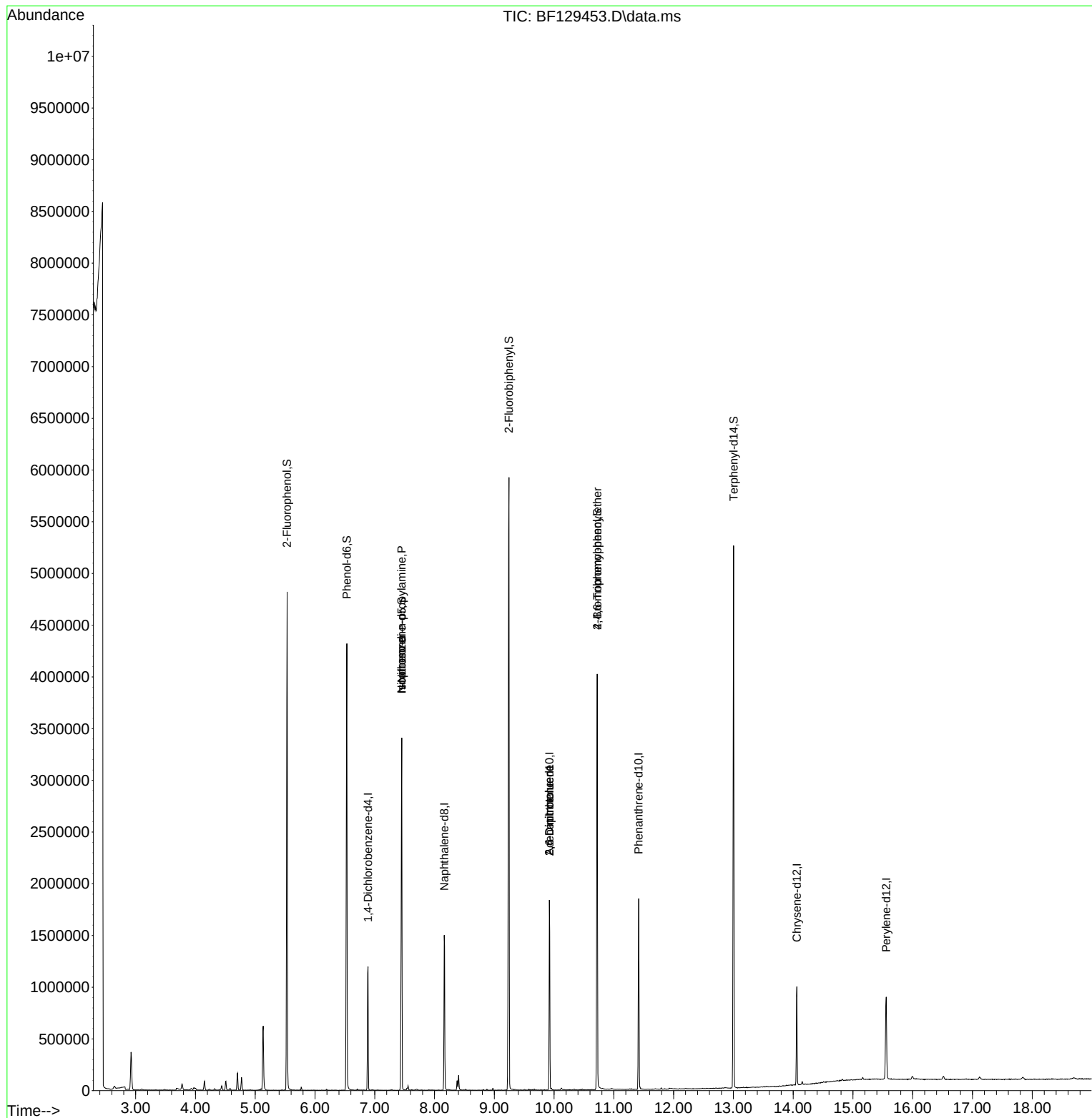
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 175996   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 691478   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 370383   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 605062   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 315011   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.556 | 264  | 349614   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 1290411  | 119.439 | ng    | 0.04     |
| 7) Phenol-d6                  | 6.534  | 99   | 1475024  | 108.618 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1113580  | 87.911  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 456875   | 128.301 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1941161  | 81.075  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1740003  | 104.208 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 148829   | 18.103  | ng    | # 74     |
| 25) Isophorone                | 7.451  | 82   | 1113745  | 49.051  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 48036    | 8.394   | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 48036    | 6.425   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.722 | 248  | 28768    | 4.342   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

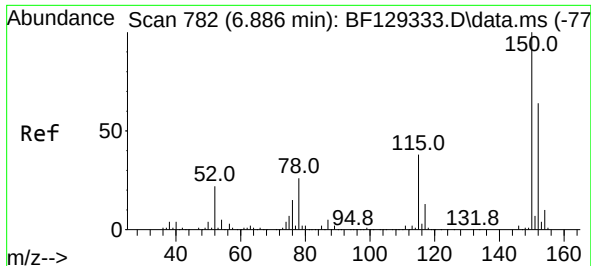
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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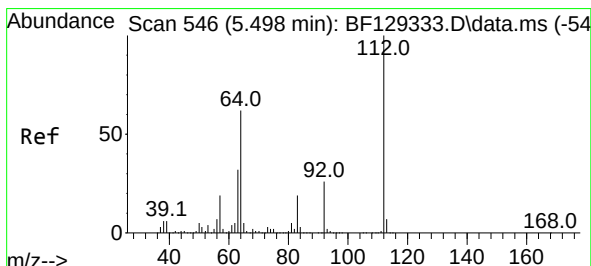
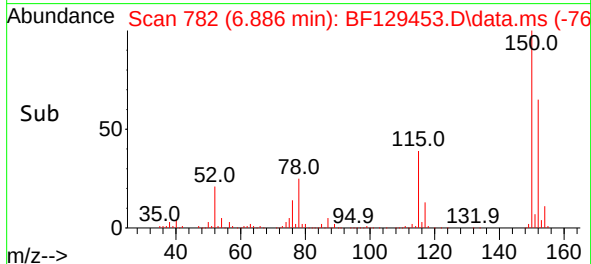
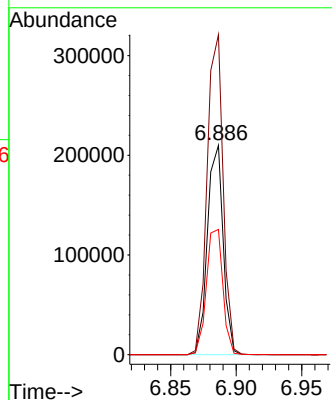
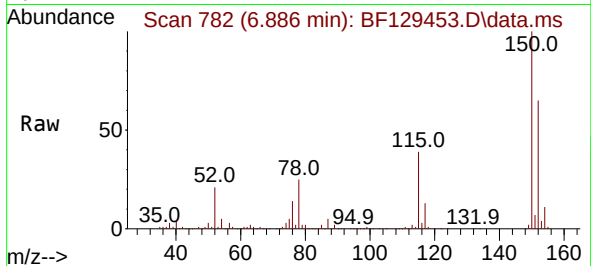




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF129453.D  
 Acq: 29 Jul 2022 21:20

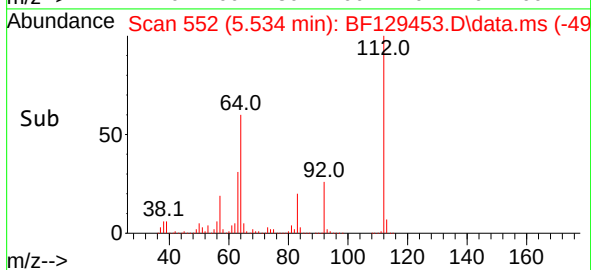
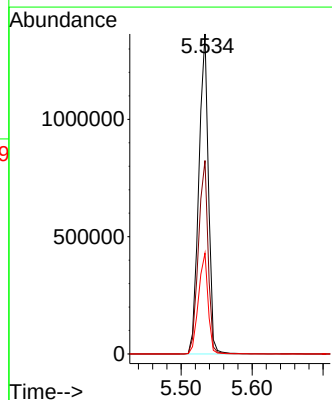
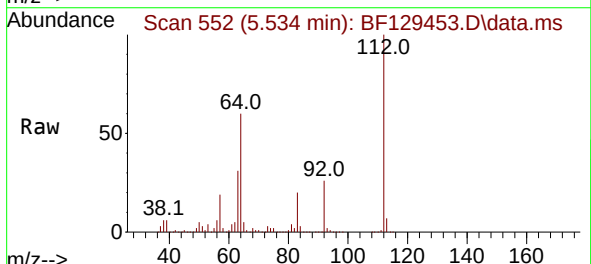
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-B

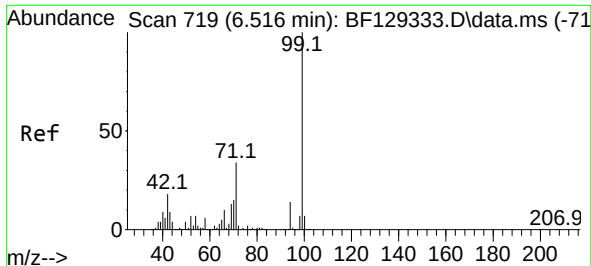
Tgt Ion:152 Resp: 175996  
 Ion Ratio Lower Upper  
 152 100  
 150 152.9 123.7 185.5  
 115 59.8 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 119.439 ng  
 RT: 5.534 min Scan# 552  
 Delta R.T. 0.035 min  
 Lab File: BF129453.D  
 Acq: 29 Jul 2022 21:20

Tgt Ion:112 Resp: 1290411  
 Ion Ratio Lower Upper  
 112 100  
 64 60.5 53.3 79.9  
 63 31.5 28.0 42.0



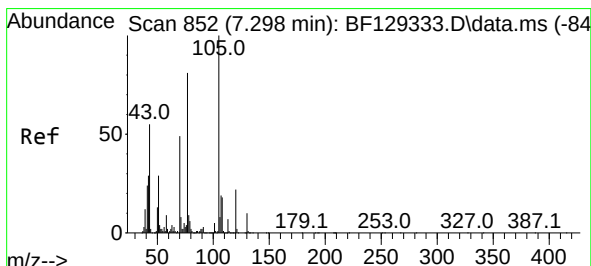
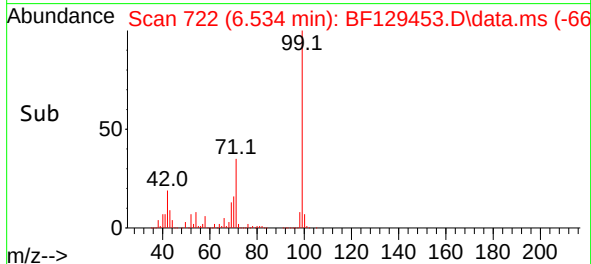
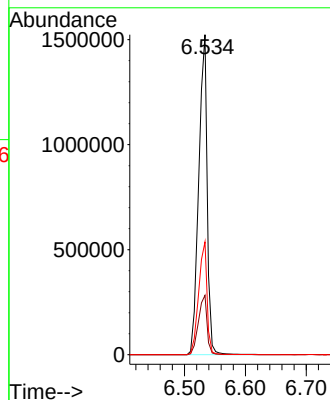
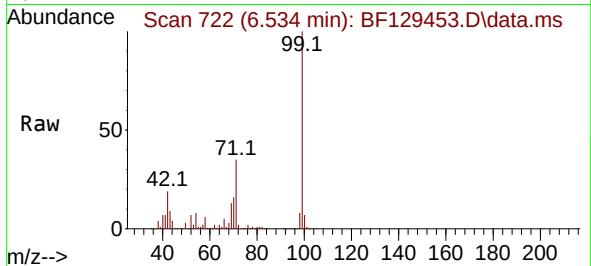


#7  
Phenol-d6  
Concen: 108.618 ng  
RT: 6.534 min Scan# 719  
Delta R.T. 0.018 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

Instrument :  
BNA\_F  
ClientSampleId :  
SB-B

Tgt Ion: 99 Resp: 1475024

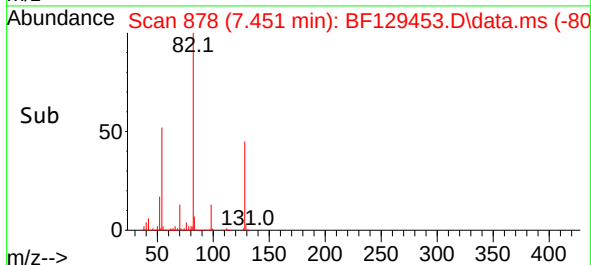
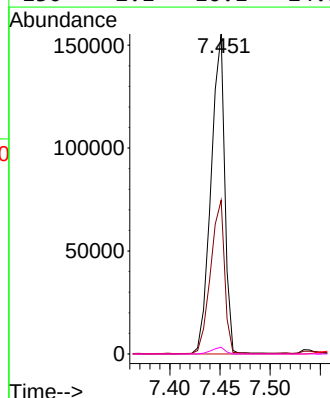
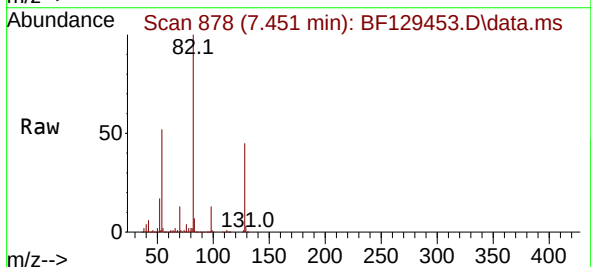
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.5  | 17.3  | 25.9  |
| 71  | 35.2  | 28.9  | 43.3  |

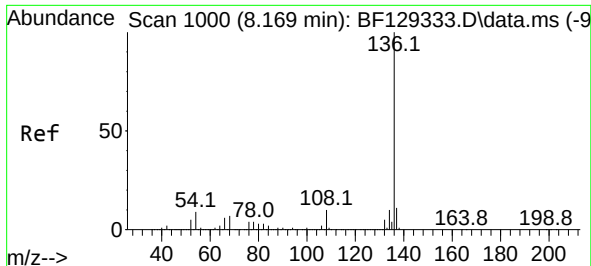


#19  
n-Nitroso-di-n-propylamine  
Concen: 18.103 ng  
RT: 7.451 min Scan# 878  
Delta R.T. 0.153 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

Tgt Ion: 70 Resp: 148829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 48.1  | 52.3  | 78.5# |
| 101 | 0.0   | 7.5   | 11.3# |
| 130 | 2.1   | 16.1  | 24.1# |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129453.D

Acq: 29 Jul 2022 21:20

Instrument :

BNA\_F

ClientSampleId :

SB-B

Tgt Ion:136 Resp: 691478

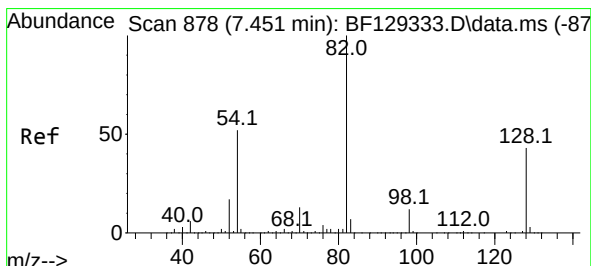
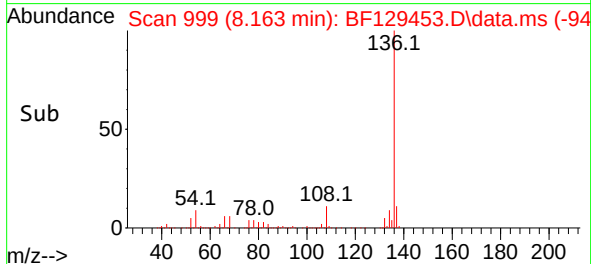
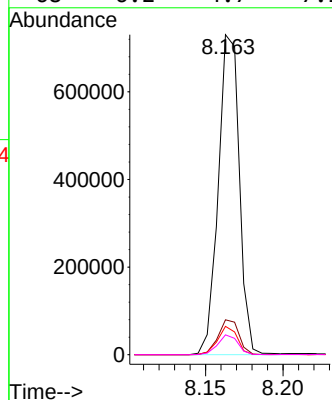
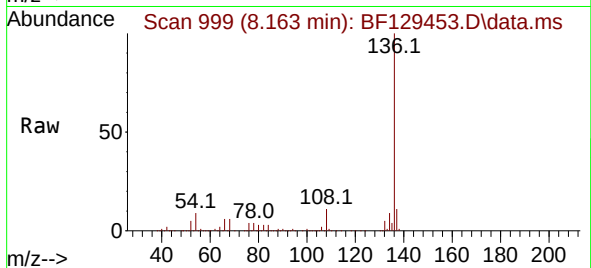
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.9 7.5 11.3

68 6.2 4.7 7.1



#23

Nitrobenzene-d5

Concen: 87.911 ng

RT: 7.451 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF129453.D

Acq: 29 Jul 2022 21:20

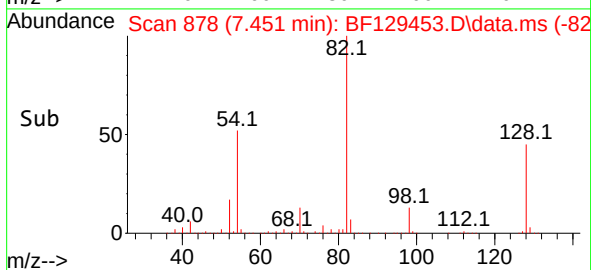
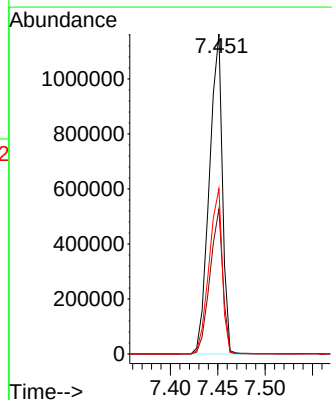
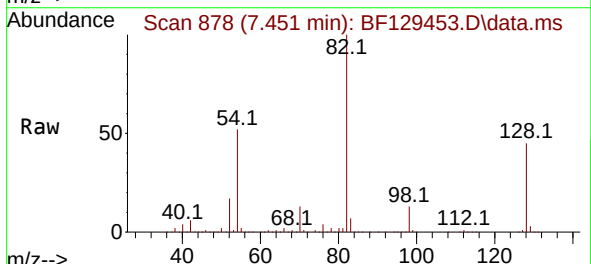
Tgt Ion: 82 Resp: 1113580

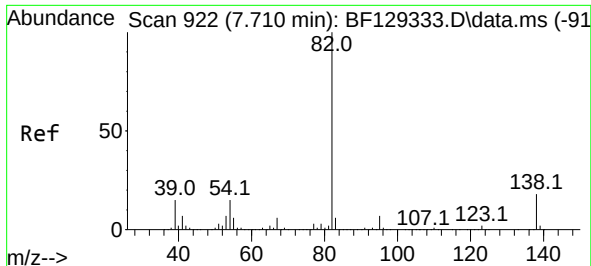
Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

54 51.7 46.9 70.3

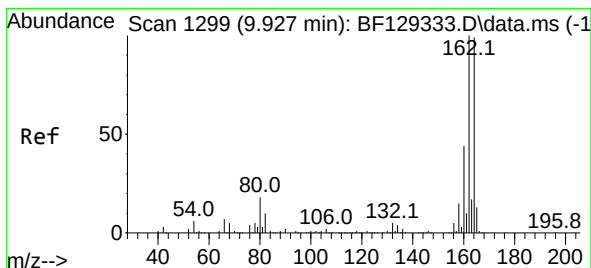
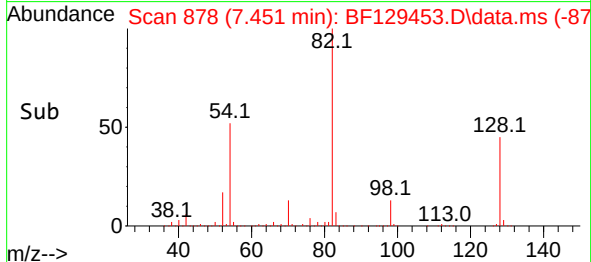
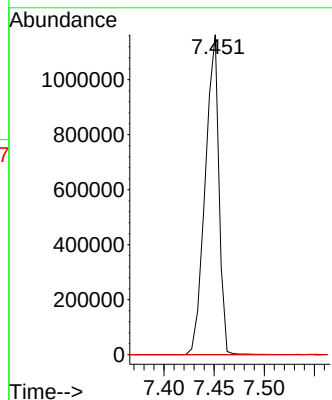
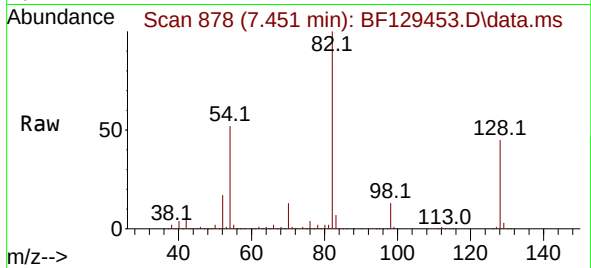




#25  
Isophorone  
Concen: 49.051 ng  
RT: 7.451 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

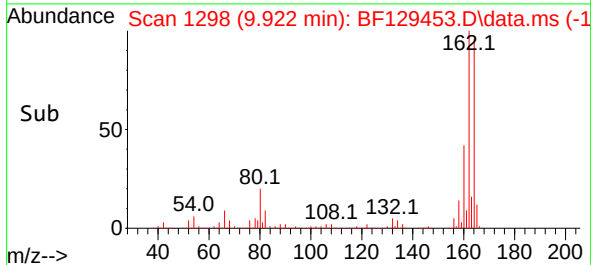
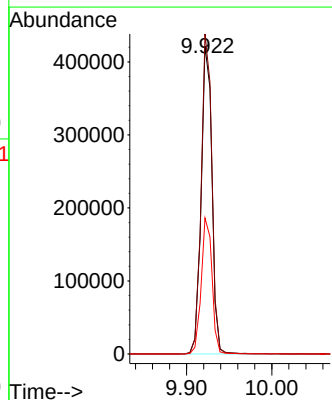
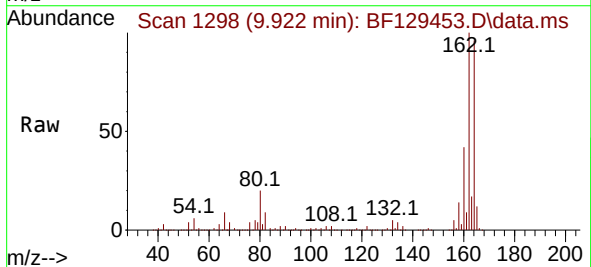
Instrument :  
BNA\_F  
ClientSampleId :  
SB-B

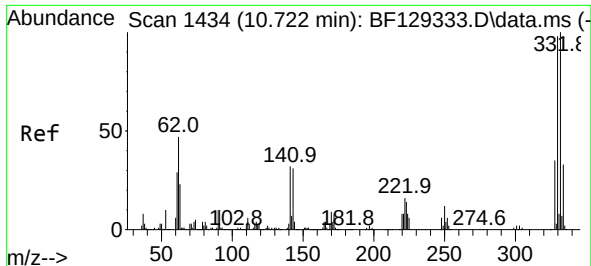
Tgt Ion: 82 Resp: 1113745  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.006 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

Tgt Ion: 164 Resp: 370383  
Ion Ratio Lower Upper  
164 100  
162 103.9 79.5 119.3  
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 128.301 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129453.D

Acq: 29 Jul 2022 21:20

Instrument :

BNA\_F

ClientSampleId :

SB-B

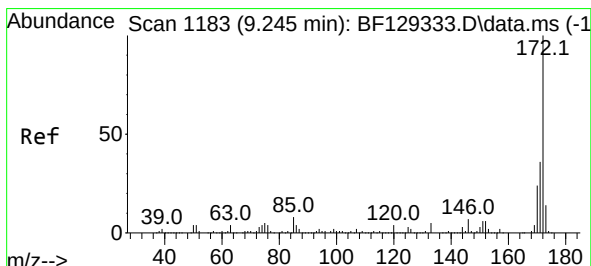
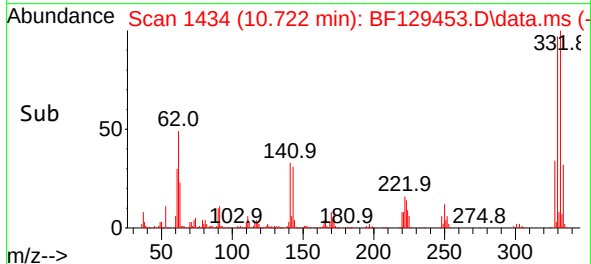
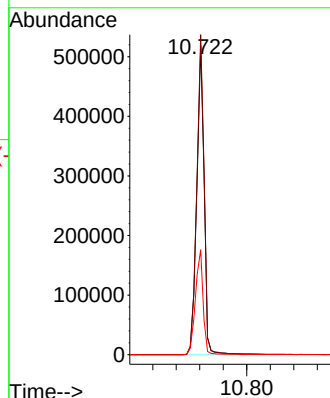
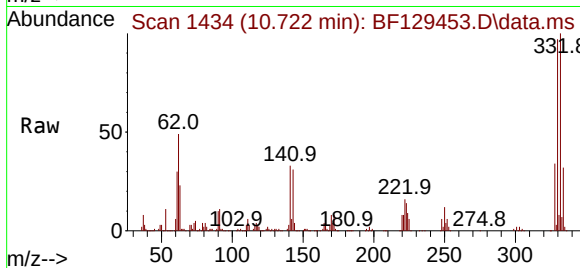
Tgt Ion:330 Resp: 456875

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.075 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129453.D

Acq: 29 Jul 2022 21:20

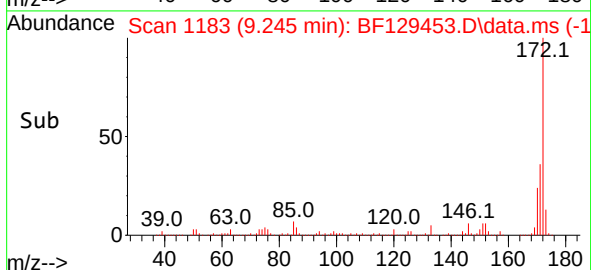
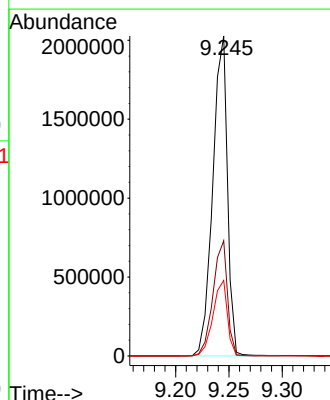
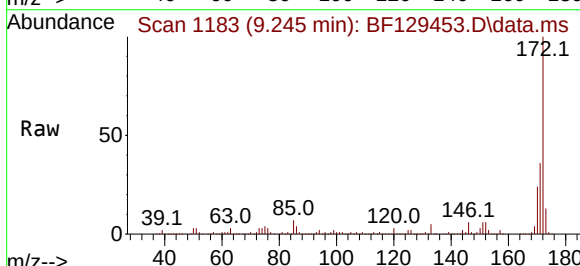
Tgt Ion:172 Resp: 1941161

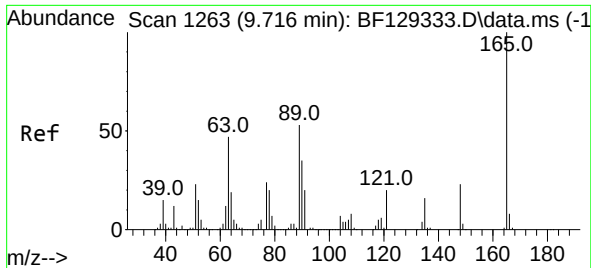
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.6 19.8 29.8

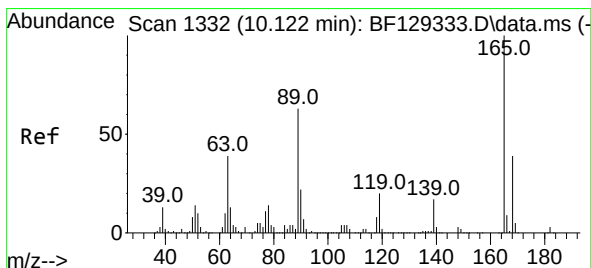
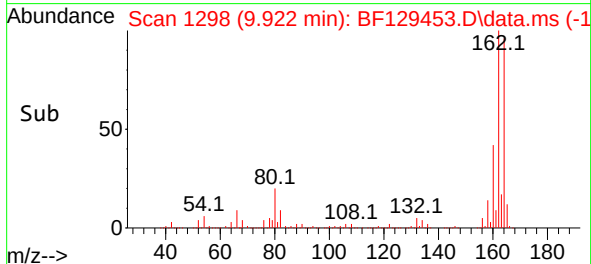
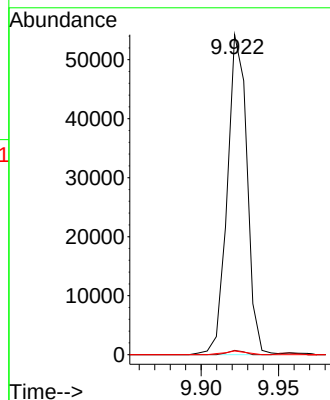
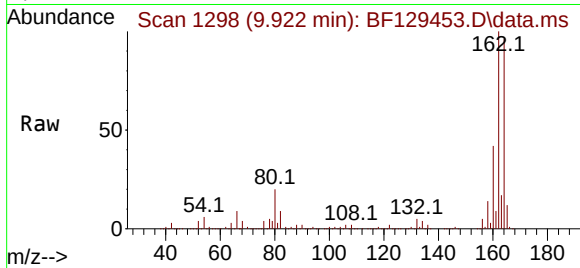




#51  
2,6-Dinitrotoluene  
Concen: 8.394 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. 0.206 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

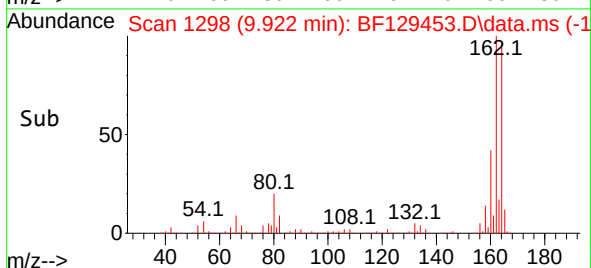
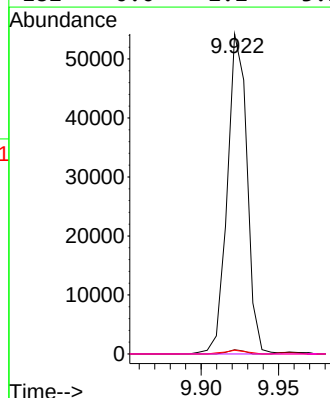
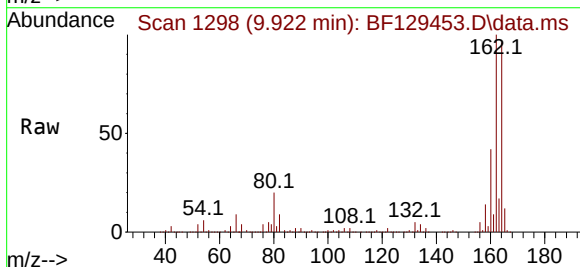
Instrument :  
BNA\_F  
ClientSampleId :  
SB-B

Tgt Ion:165 Resp: 48036  
Ion Ratio Lower Upper  
165 100  
63 1.3 44.9 67.3#  
89 1.2 43.6 65.4#

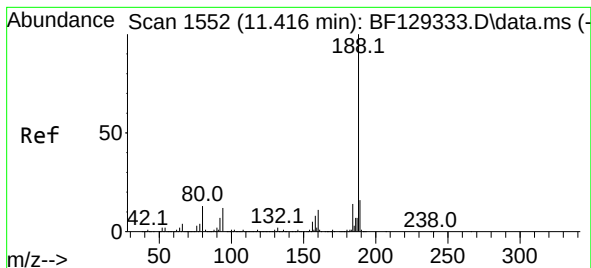


#57  
2,4-Dinitrotoluene  
Concen: 6.425 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.200 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

Tgt Ion:165 Resp: 48036  
Ion Ratio Lower Upper  
165 100  
63 1.3 39.8 59.6#  
89 1.2 60.2 90.2#  
182 0.0 2.2 3.2#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129453.D

Acq: 29 Jul 2022 21:20

Instrument :

BNA\_F

ClientSampleId :

SB-B

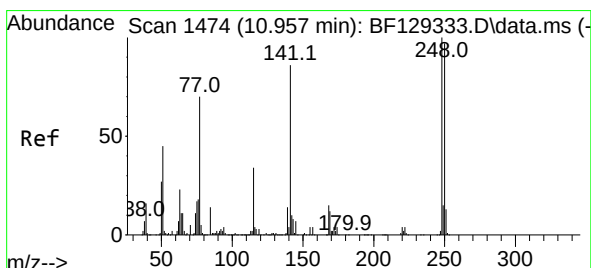
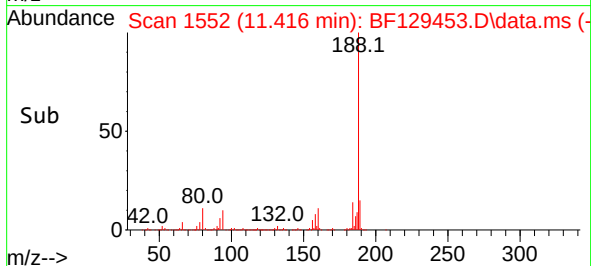
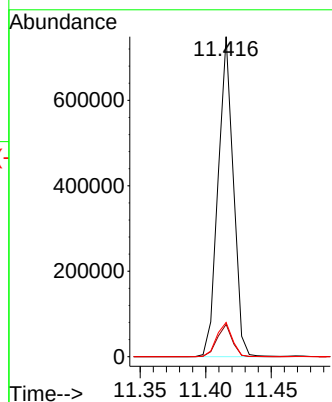
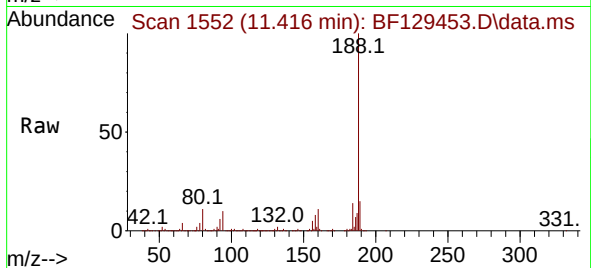
Tgt Ion:188 Resp: 605062

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.342 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.235 min

Lab File: BF129453.D

Acq: 29 Jul 2022 21:20

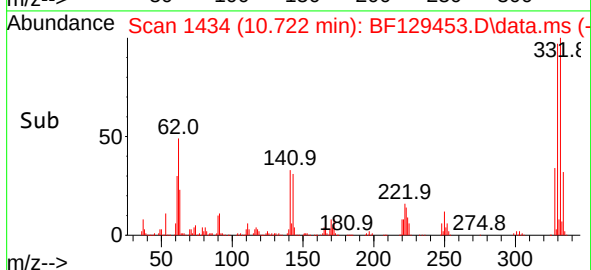
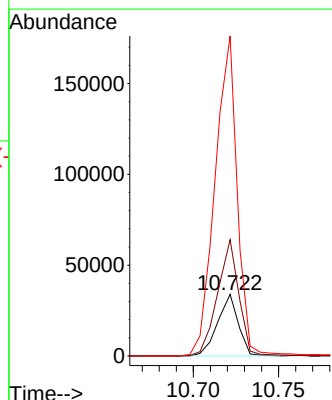
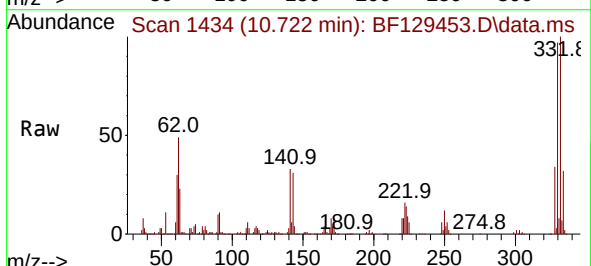
Tgt Ion:248 Resp: 28768

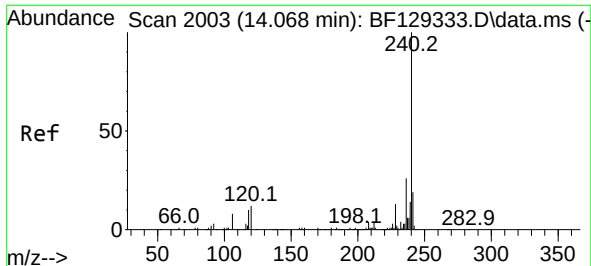
Ion Ratio Lower Upper

248 100

250 188.9 80.6 120.8#

141 519.6 58.9 88.3#

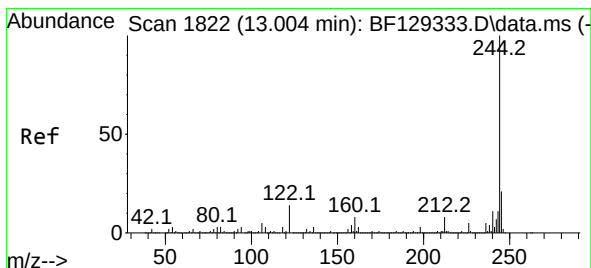
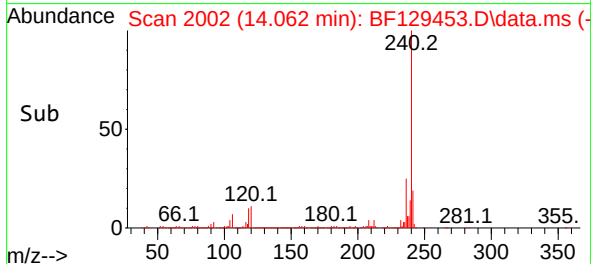
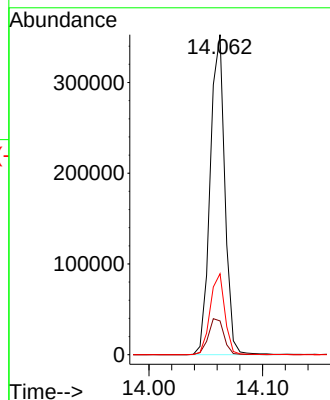
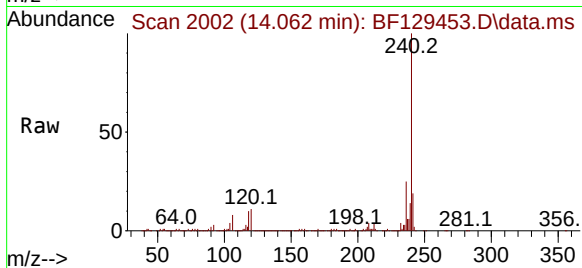




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

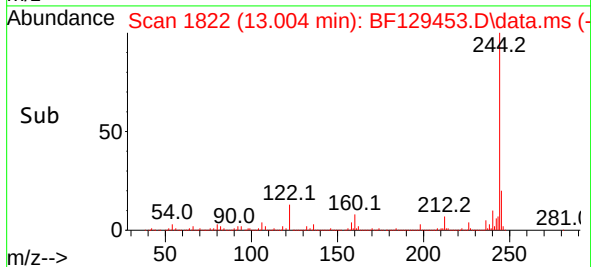
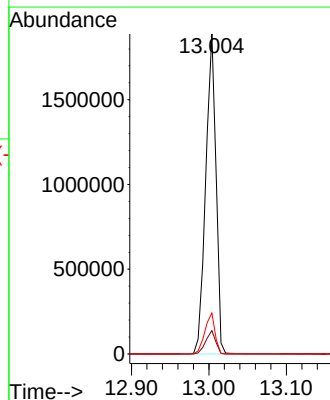
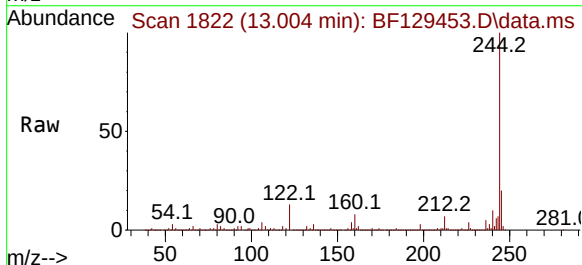
Instrument :  
BNA\_F  
ClientSampleId :  
SB-B

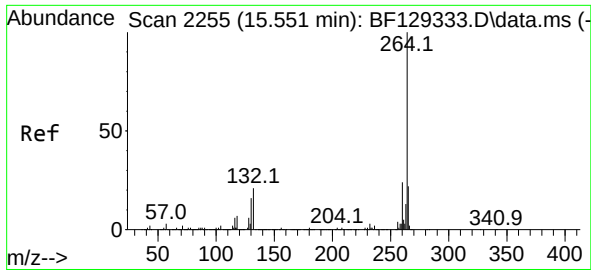
Tgt Ion:240 Resp: 315011  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.9 13.3  
236 25.3 20.8 31.2



#79  
Terphenyl-d14  
Concen: 104.208 ng  
RT: 13.004 min Scan# 1822  
Delta R.T. -0.000 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

Tgt Ion:244 Resp: 1740003  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 12.8 8.8 13.2





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.556 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF129453.D  
Acq: 29 Jul 2022 21:20

Instrument :  
BNA\_F  
ClientSampleId :  
SB-B

Tgt Ion:264 Resp: 349614  
Ion Ratio Lower Upper  
264 100  
260 22.9 18.4 27.6  
265 21.8 17.2 25.8

