

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041322\  
 Data File : BF127777.D  
 Acq On : 13 Apr 2022 11:12  
 Operator : CG\JU  
 Sample : PB144058BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144058BL

Quant Time: Apr 13 16:48:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 16:40:15 2022  
 Response via : Initial Calibration

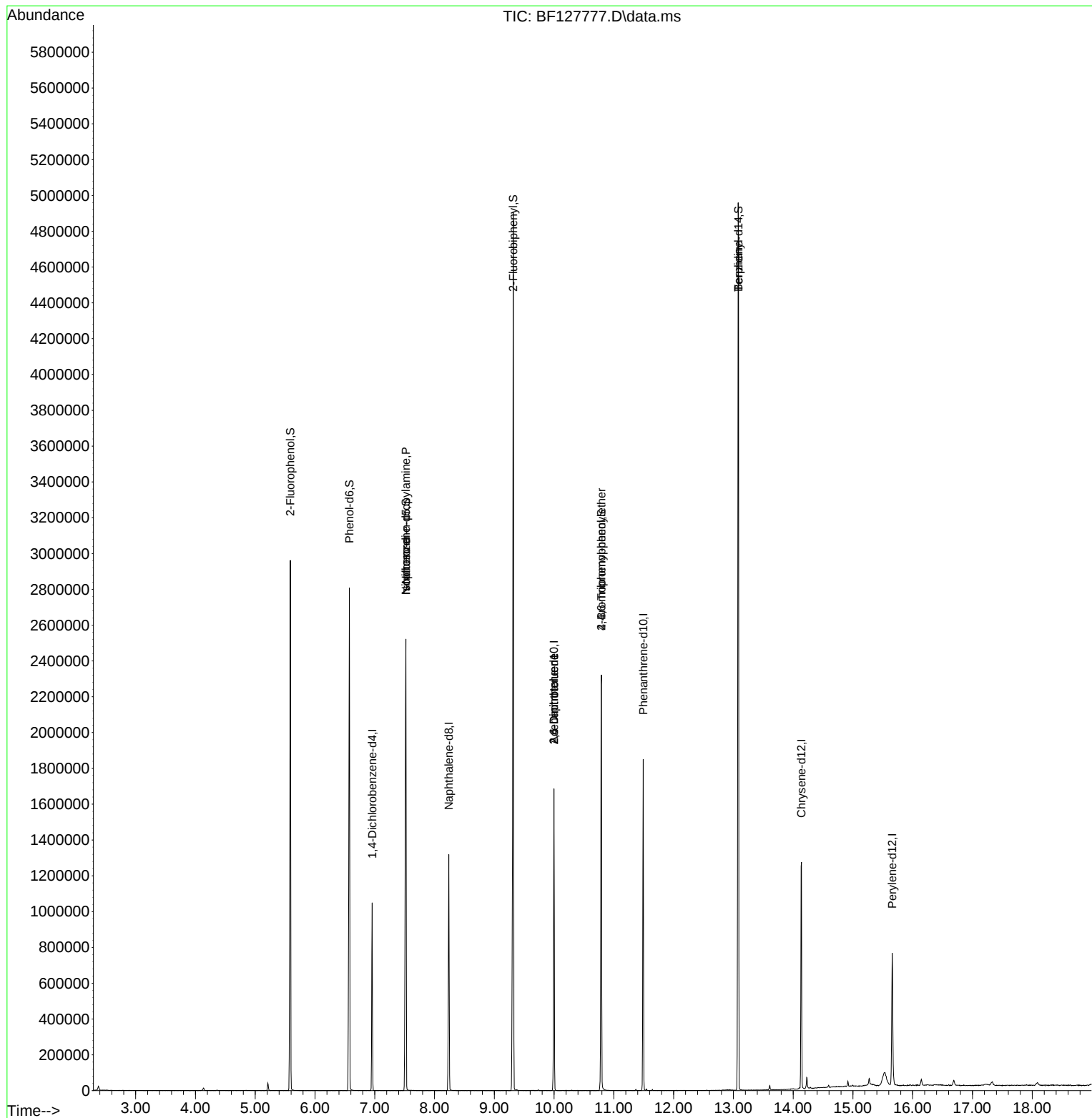
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 147325   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.239  | 136  | 572609   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.998  | 164  | 332603   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.492 | 188  | 612801   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.139 | 240  | 474002   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.657 | 264  | 353398   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 753542   | 83.111    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.575  | 99   | 949762   | 80.073    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.522  | 82   | 972629   | 75.725    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.792 | 330  | 294409   | 83.181    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 1705317  | 72.533    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.086 | 244  | 1995806  | 69.499    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.575  | 77   | 1556     | Below Cal | #     | 7        |
| 19) n-Nitroso-di-n-propyla... | 7.522  | 70   | 131793   | 17.179    | ng    | # 73     |
| 25) Isophorone                | 7.522  | 82   | 967605   | 43.173    | ng    | # 70     |
| 51) 2,6-Dinitrotoluene        | 9.998  | 165  | 43201    | 9.506     | ng    | # 17     |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 43201    | 7.668     | ng    | # 14     |
| 67) 4-Bromophenyl-phenylether | 10.792 | 248  | 19023    | 2.558     | ng    | # 1      |
| 77) Benzydine                 | 13.086 | 184  | 28269    | 2.285     | ng    | # 94     |
| -----                         |        |      |          |           |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041322\  
Data File : BF127777.D  
Acq On : 13 Apr 2022 11:12  
Operator : CG\JU  
Sample : PB144058BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB144058BL

Quant Time: Apr 13 16:48:31 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 13 16:40:15 2022  
Response via : Initial Calibration

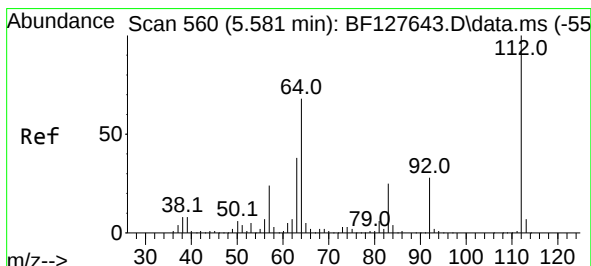
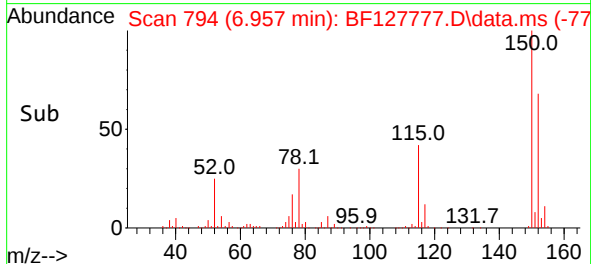
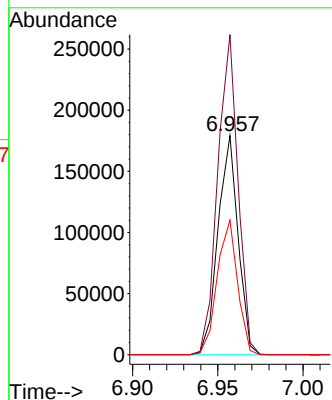
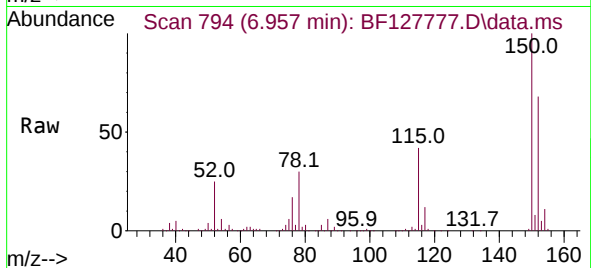




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.957 min Scan# 795  
 Delta R.T. -0.006 min  
 Lab File: BF127777.D  
 Acq: 13 Apr 2022 11:12

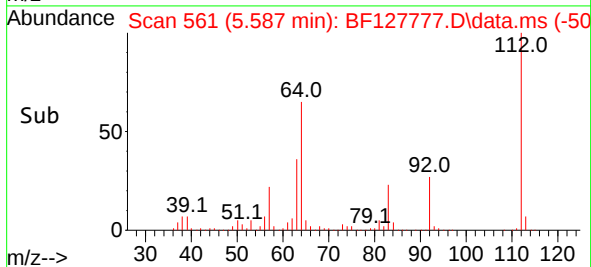
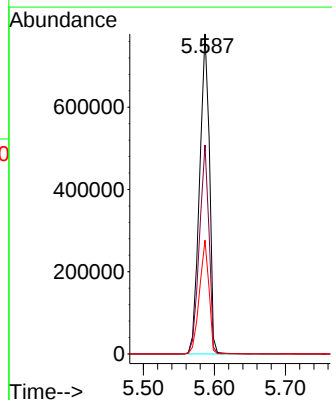
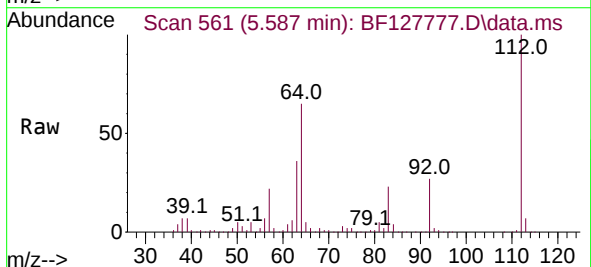
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144058BL

Tgt Ion:152 Resp: 147325  
 Ion Ratio Lower Upper  
 152 100  
 150 146.1 117.2 175.8  
 115 61.4 49.8 74.6



#5  
 2-Fluorophenol  
 Concen: 83.111 ng  
 RT: 5.587 min Scan# 561  
 Delta R.T. 0.006 min  
 Lab File: BF127777.D  
 Acq: 13 Apr 2022 11:12

Tgt Ion:112 Resp: 753542  
 Ion Ratio Lower Upper  
 112 100  
 64 65.3 58.4 87.6  
 63 35.6 30.1 45.1

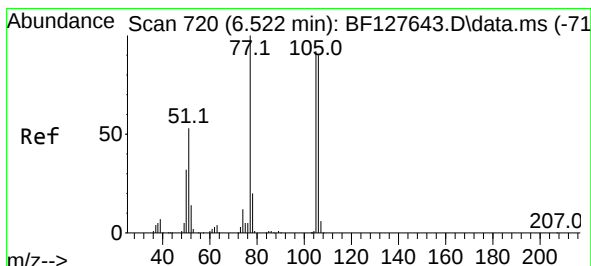
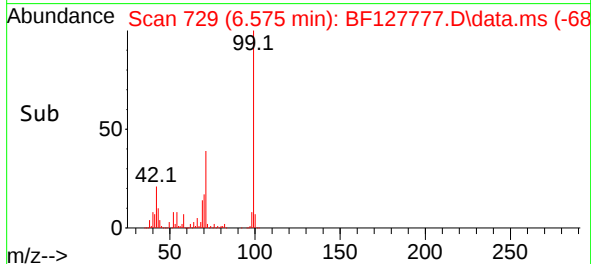
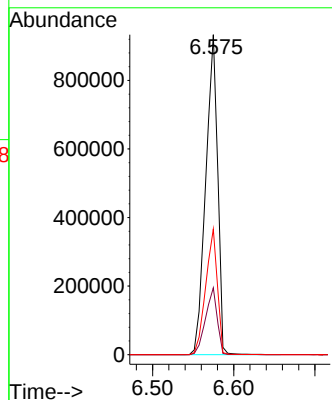
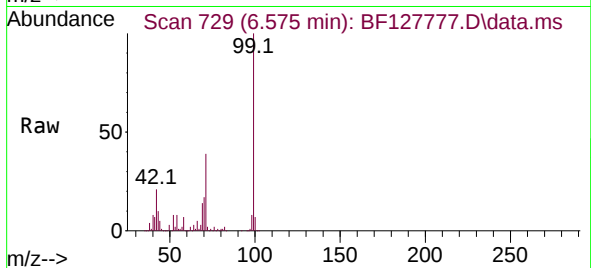




#7  
Phenol-d6  
Concen: 80.073 ng  
RT: 6.575 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

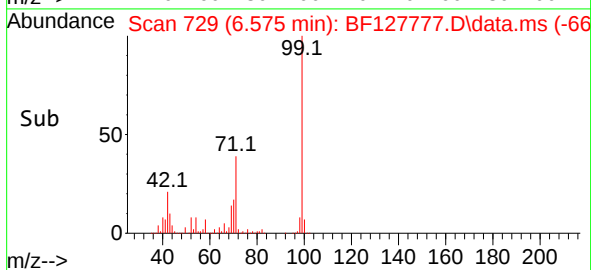
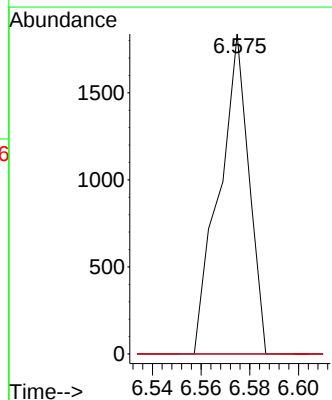
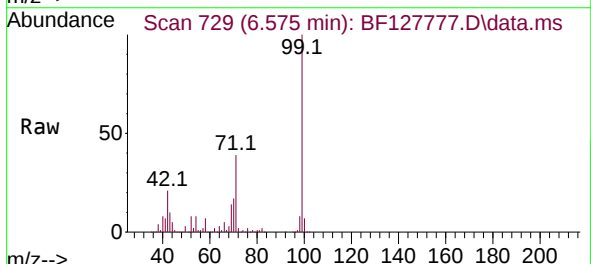
Instrument :  
BNA\_F  
ClientSampleId :  
PB144058BL

Tgt Ion: 99 Resp: 949762  
Ion Ratio Lower Upper  
99 100  
42 20.9 17.8 26.6  
71 39.3 29.6 44.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.575 min Scan# 729  
Delta R.T. 0.059 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

Tgt Ion: 77 Resp: 1556  
Ion Ratio Lower Upper  
77 100  
105 0.0 66.8 106.8#  
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 17.179 ng

RT: 7.522 min Scan# 89

Delta R.T. 0.147 min

Lab File: BF127777.D

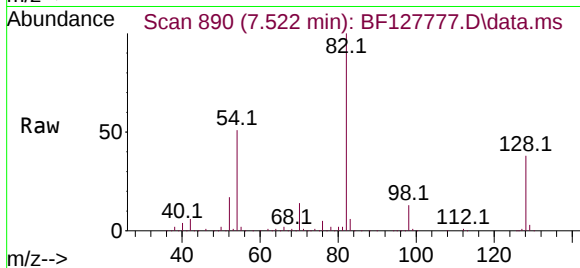
Acq: 13 Apr 2022 11:12

Instrument :

BNA\_F

ClientSampleId :

PB144058BL



Tgt Ion: 70 Resp: 131793

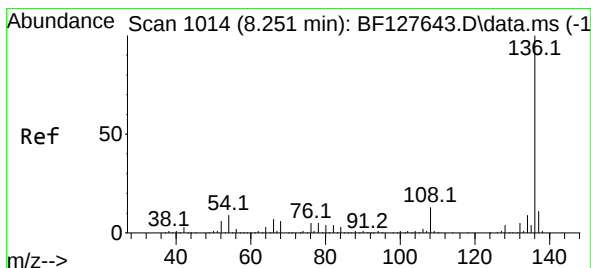
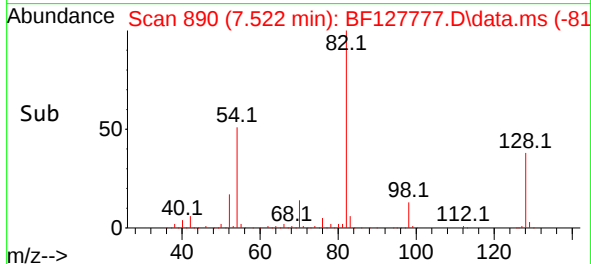
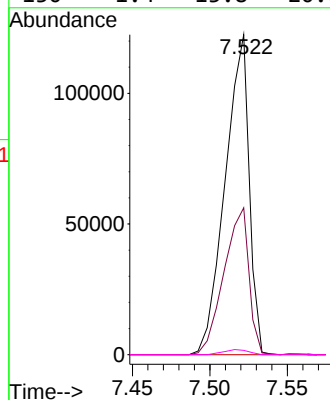
Ion Ratio Lower Upper

70 100

42 45.9 53.0 79.6#

101 0.0 6.8 10.2#

130 1.4 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

Tgt Ion: 136 Resp: 572609

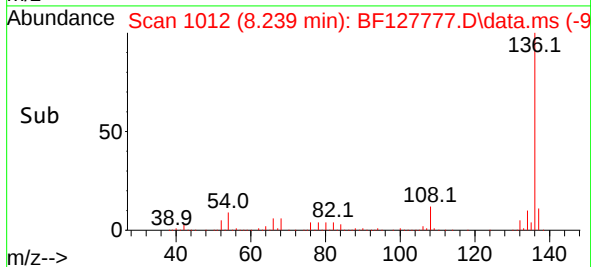
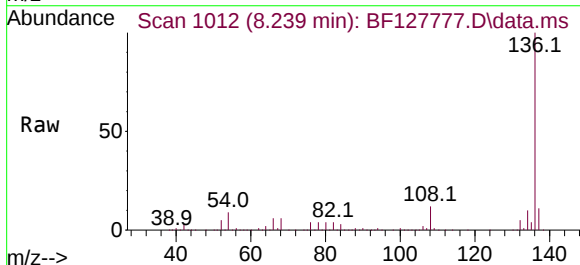
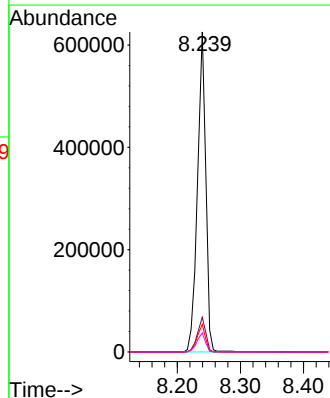
Ion Ratio Lower Upper

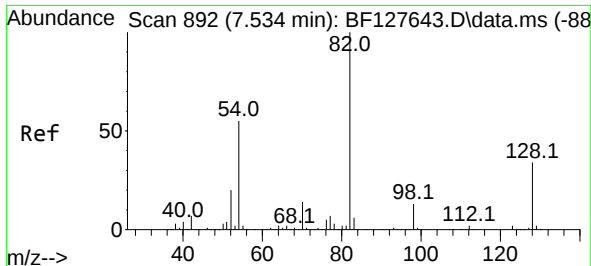
136 100

137 10.8 8.6 13.0

54 8.6 9.2 13.8#

68 5.9 5.4 8.0

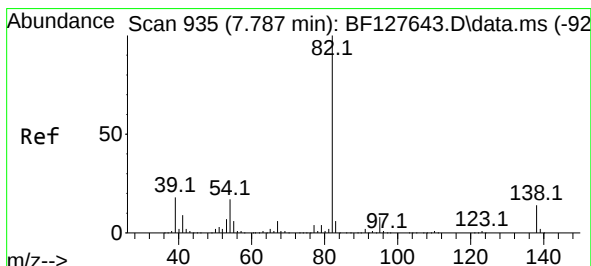
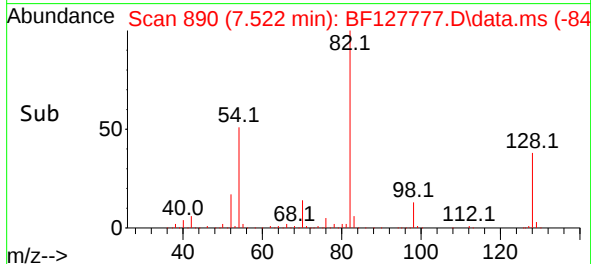
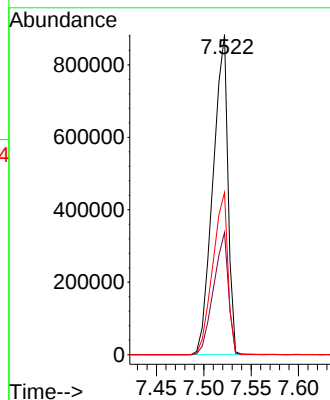
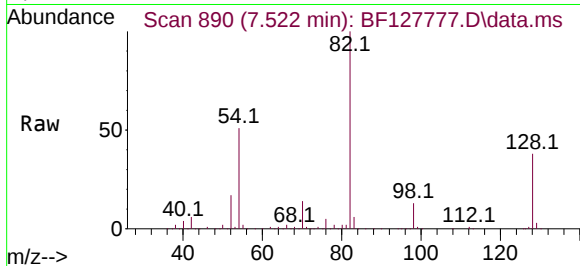




#23  
Nitrobenzene-d5  
Concen: 75.725 ng  
RT: 7.522 min Scan# 890  
Delta R.T. -0.006 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

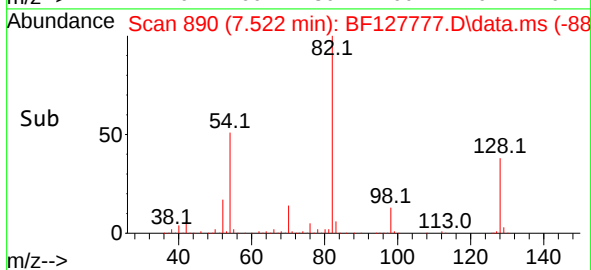
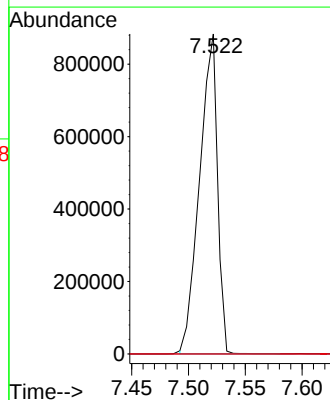
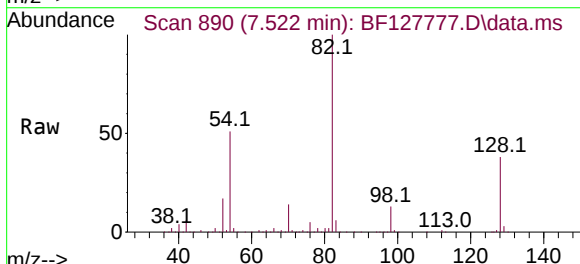
Instrument :  
BNA\_F  
ClientSampleId :  
PB144058BL

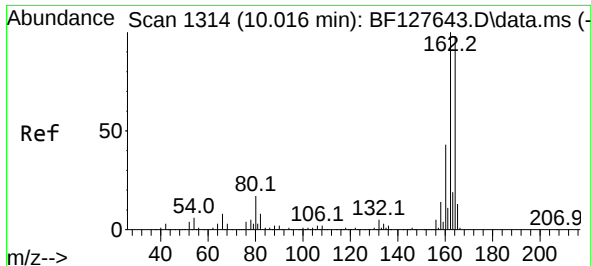
Tgt Ion: 82 Resp: 972629  
Ion Ratio Lower Upper  
82 100  
128 38.2 30.6 45.8  
54 50.6 48.2 72.2



#25  
Isophorone  
Concen: 43.173 ng  
RT: 7.522 min Scan# 890  
Delta R.T. -0.265 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

Tgt Ion: 82 Resp: 967605  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.8#  
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

Instrument :

BNA\_F

ClientSampleId :

PB144058BL

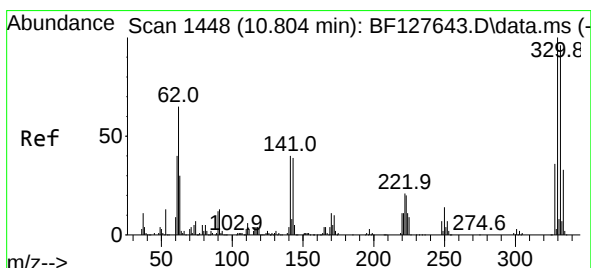
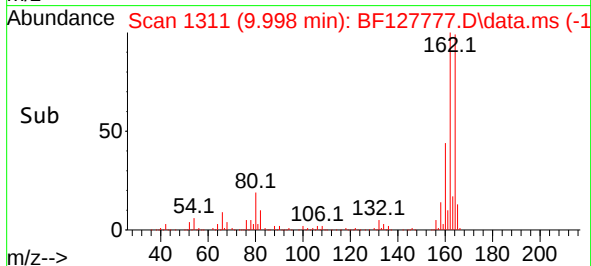
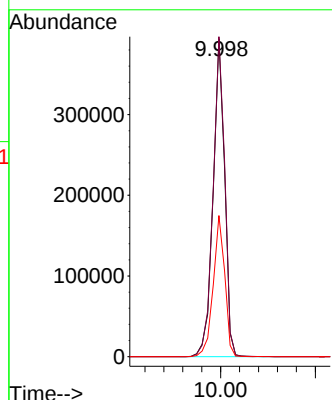
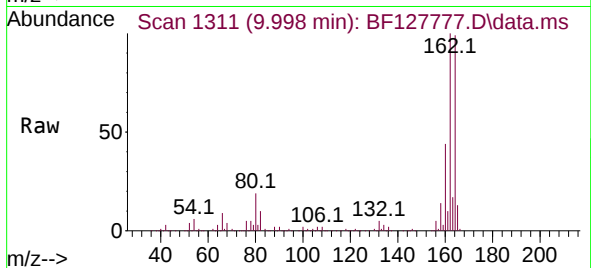
Tgt Ion:164 Resp: 332603

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

160 44.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 83.181 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

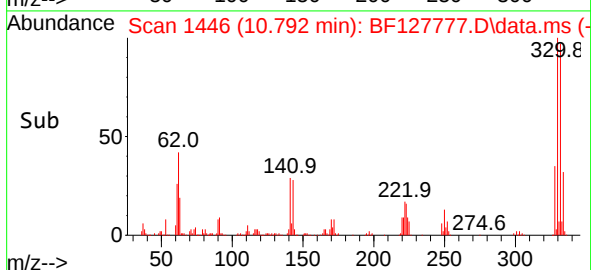
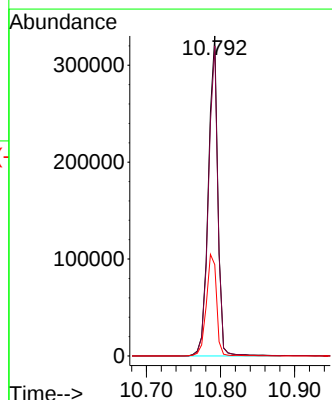
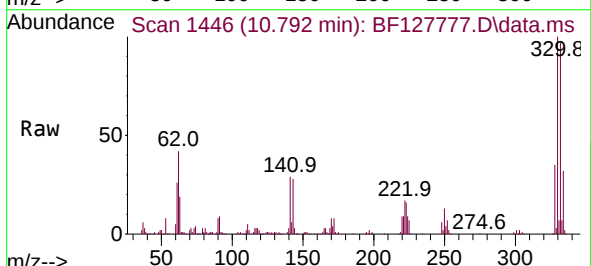
Tgt Ion:330 Resp: 294409

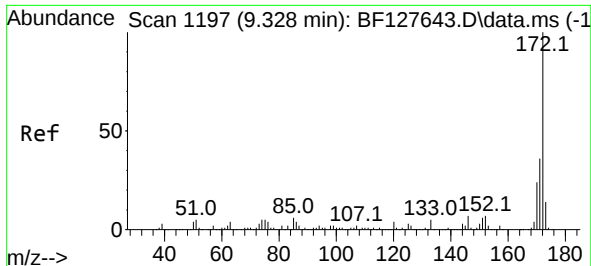
Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

141 34.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 72.533 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

Instrument :

BNA\_F

ClientSampleId :

PB144058BL

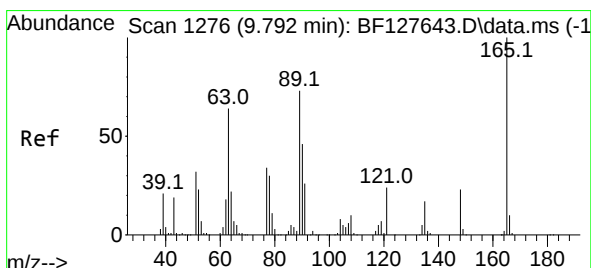
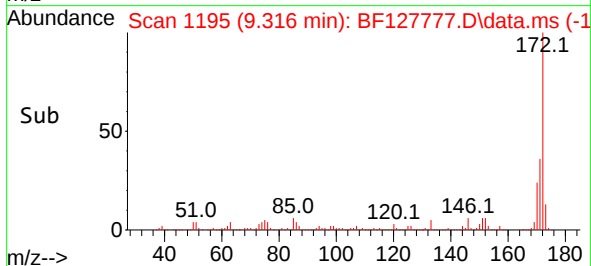
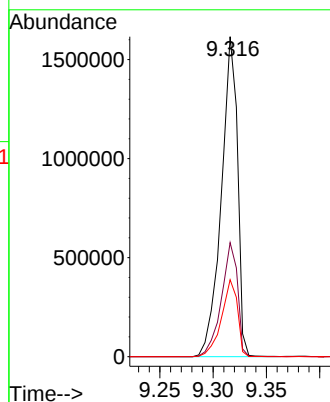
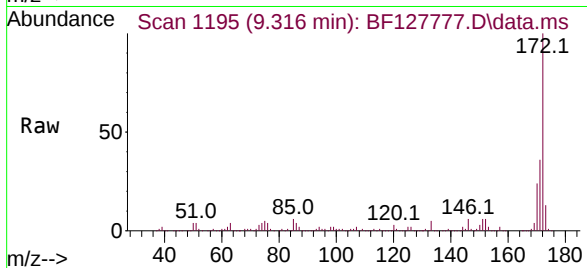
Tgt Ion:172 Resp: 1705317

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.506 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

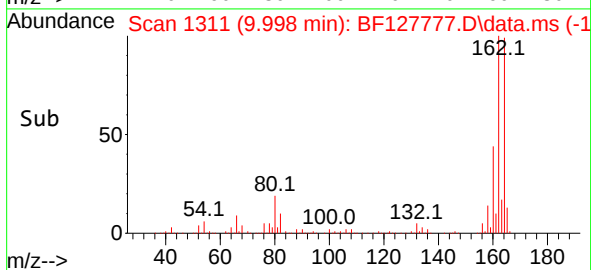
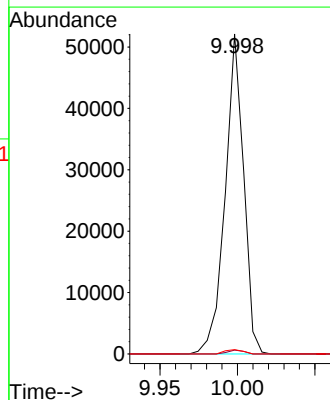
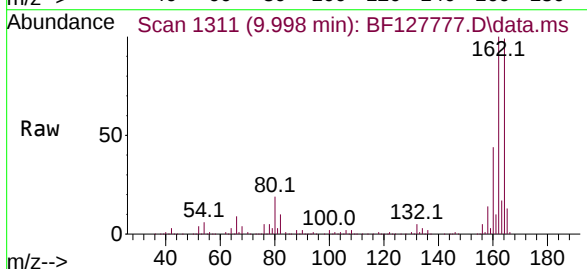
Tgt Ion:165 Resp: 43201

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.4 51.5 77.3#

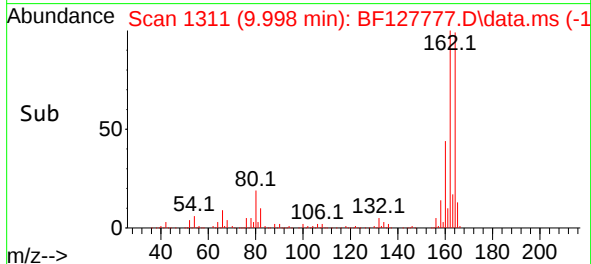
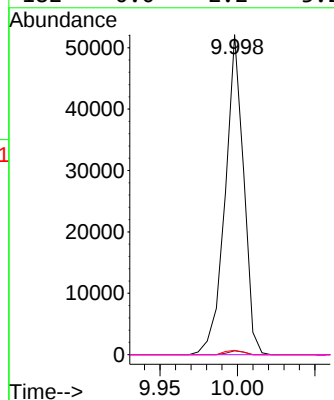
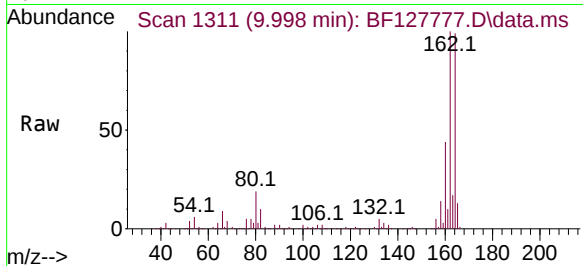




#57  
2,4-Dinitrotoluene  
Concen: 7.668 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

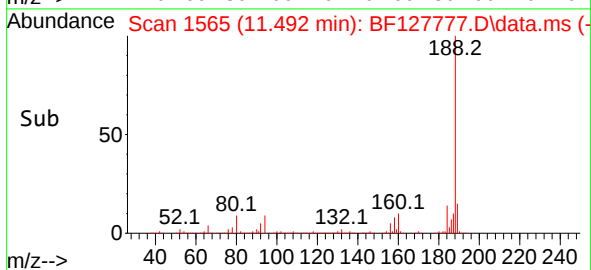
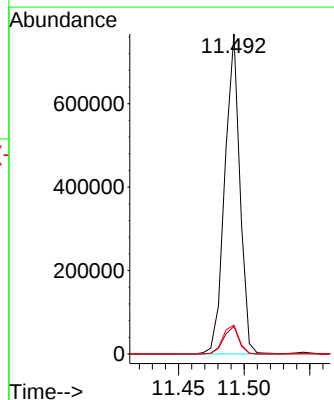
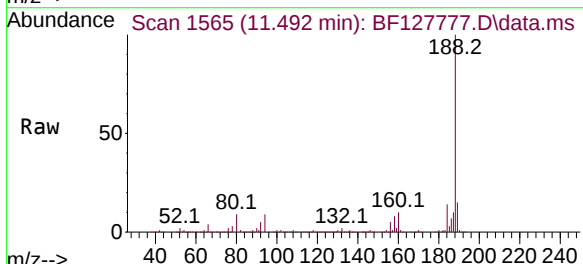
Instrument :  
BNA\_F  
ClientSampleId :  
PB144058BL

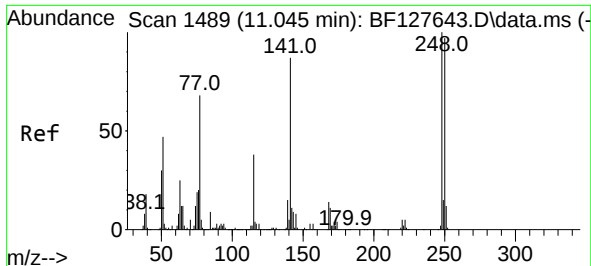
Tgt Ion:165 Resp: 43201  
Ion Ratio Lower Upper  
165 100  
63 1.2 53.1 79.7#  
89 1.4 69.2 103.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.492 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

Tgt Ion:188 Resp: 612801  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.4 11.0  
80 9.0 8.0 12.0

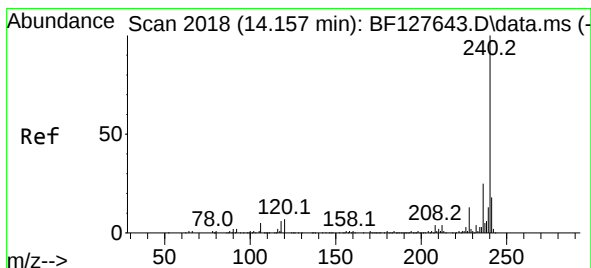
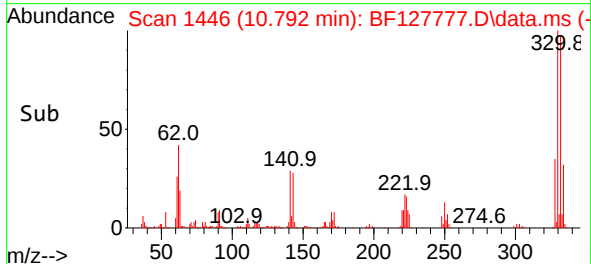
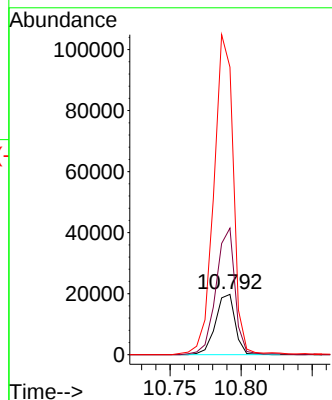
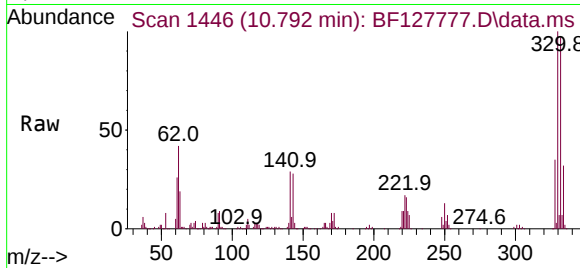




#67  
4-Bromophenyl-phenylether  
Concen: 2.558 ng  
RT: 10.792 min Scan# 1489  
Delta R.T. -0.247 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

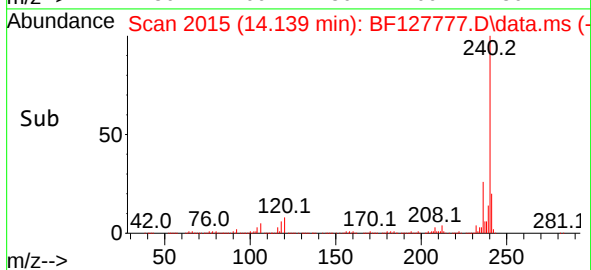
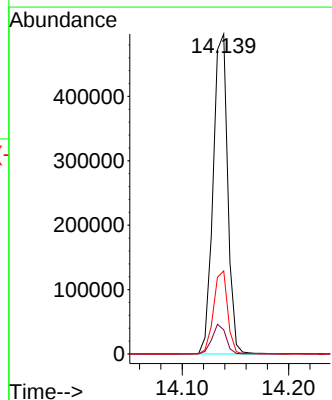
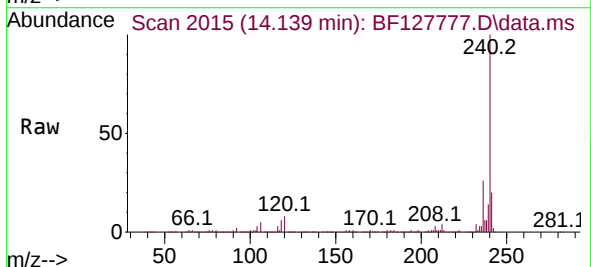
Instrument :  
BNA\_F  
ClientSampleId :  
PB144058BL

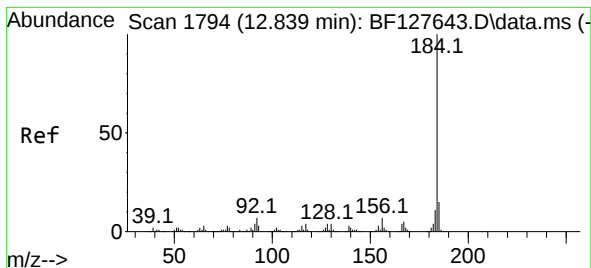
Tgt Ion:248 Resp: 19023  
Ion Ratio Lower Upper  
248 100  
250 209.7 76.6 115.0#  
141 476.6 52.2 78.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.139 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BF127777.D  
Acq: 13 Apr 2022 11:12

Tgt Ion:240 Resp: 474002  
Ion Ratio Lower Upper  
240 100  
120 7.6 7.1 10.7  
236 25.9 20.7 31.1





#77

Benzidine

Concen: 2.285 ng

RT: 13.086 min Scan# 1836

Delta R.T. 0.259 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

Instrument :

BNA\_F

ClientSampleId :

PB144058BL

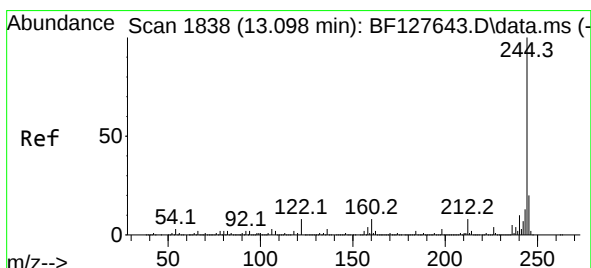
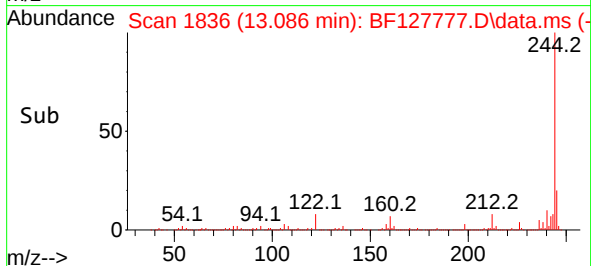
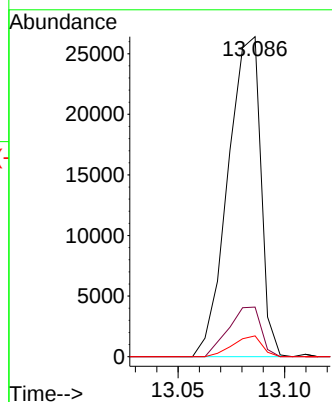
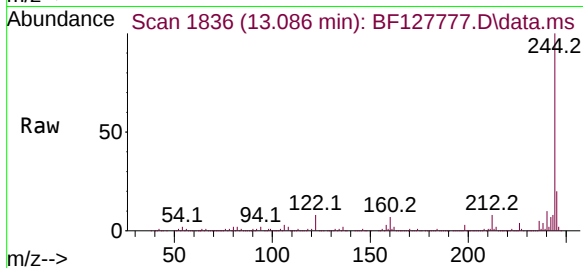
Tgt Ion:184 Resp: 28269

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

183 6.5 9.4 14.0#



#79

Terphenyl-d14

Concen: 69.499 ng

RT: 13.086 min Scan# 1836

Delta R.T. 0.006 min

Lab File: BF127777.D

Acq: 13 Apr 2022 11:12

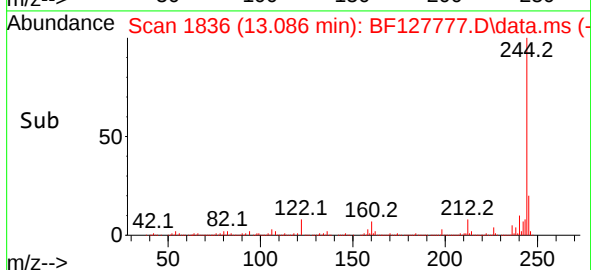
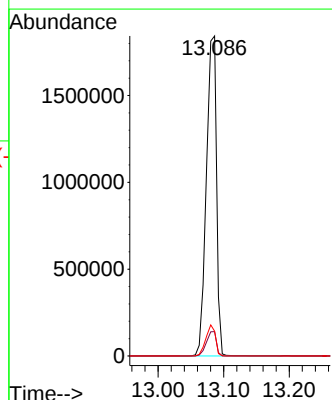
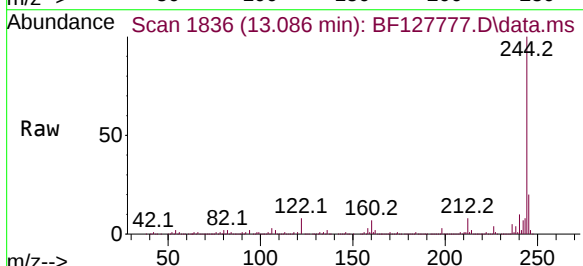
Tgt Ion:244 Resp: 1995806

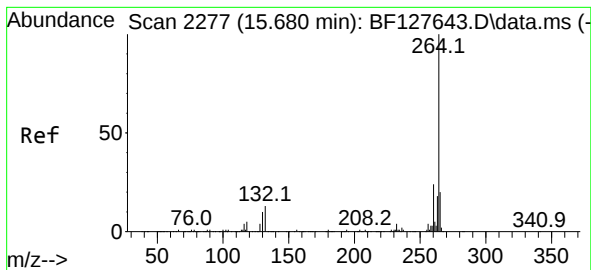
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 7.8 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127777.D

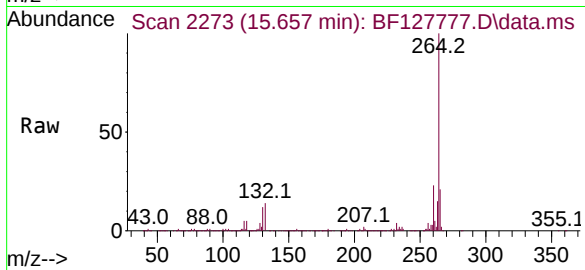
Acq: 13 Apr 2022 11:12

Instrument :

BNA\_F

ClientSampleId :

PB144058BL



Tgt Ion:264 Resp: 353398

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.1 17.4 26.2

