

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031422\  
 Data File : BF127312.D  
 Acq On : 14 Mar 2022 10:43  
 Operator : CG\JU  
 Sample : PB143208BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143208BL

Quant Time: Mar 14 12:18:43 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 2022  
 Response via : Initial Calibration

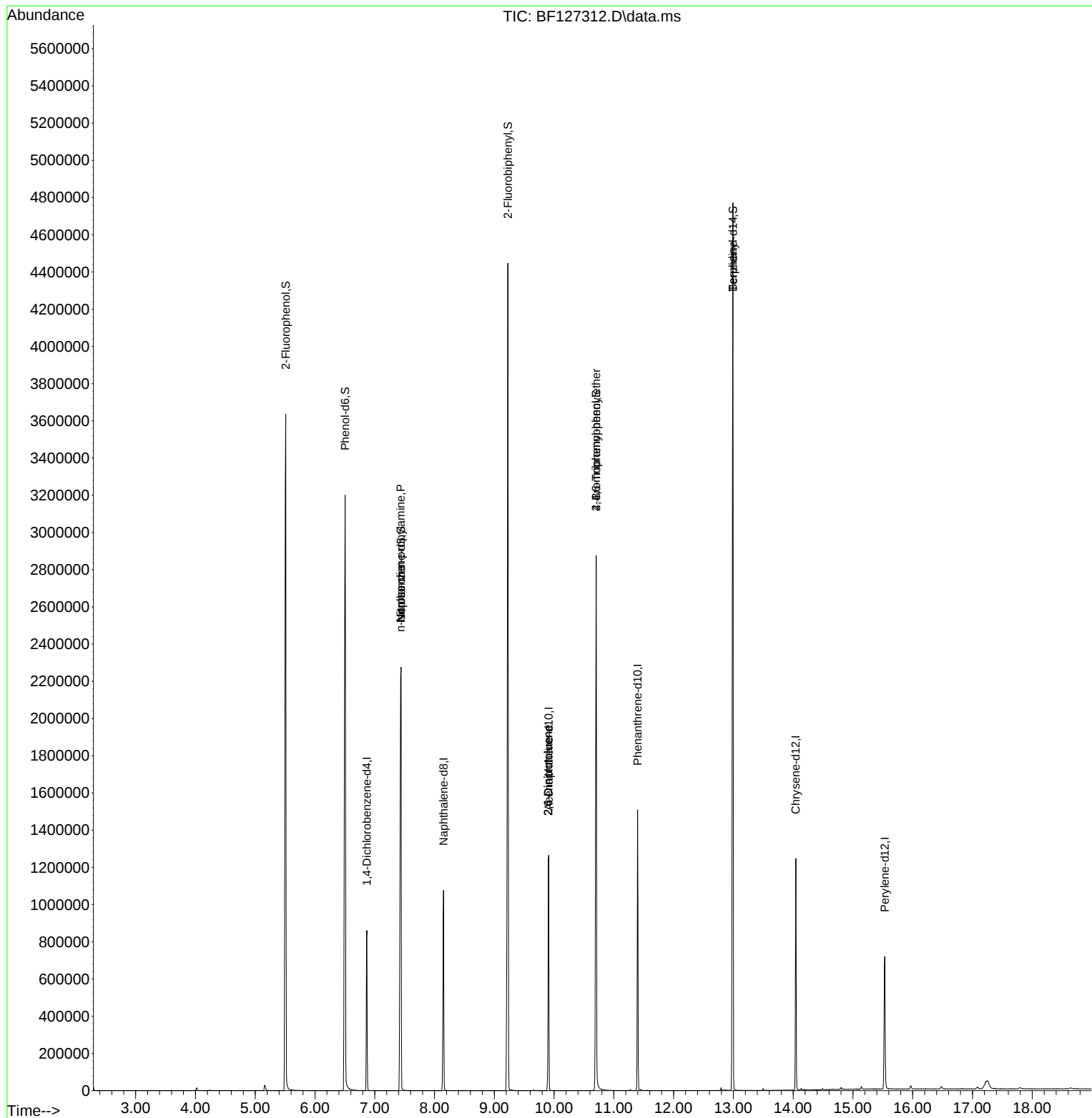
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 129160   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 488810   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 285214   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 515694   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.045 | 240  | 405222   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 15.533 | 264  | 325475   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 989413   | 123.145   | ng    | 0.02     |
| 7) Phenol-d6                  | 6.504  | 99   | 1389139  | 125.683   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 978625   | 82.681    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 383434   | 124.885   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1634852  | 81.039    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 1883204  | 80.025    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.498  | 77   | 2086     | Below Cal | #     | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 135068   | 19.583    | ng    | # 85     |
| 25) Isophorone                | 7.439  | 82   | 978614   | 51.419    | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 35484    | 8.583     | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 35484    | 6.524     | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 25051    | 4.030     | ng    | # 1      |
| 77) Benzidine                 | 12.992 | 184  | 23551    | 2.285     | ng    | # 92     |
| -----                         |        |      |          |           |       |          |

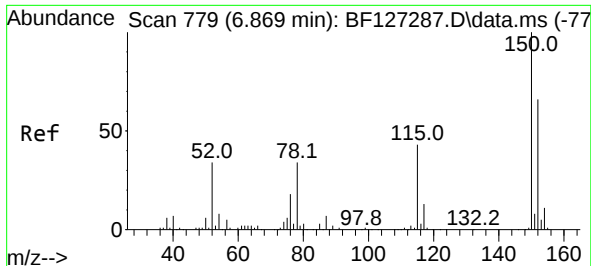
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031422\  
Data File : BF127312.D  
Acq On : 14 Mar 2022 10:43  
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Sample : PB143208BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB143208BL

Quant Time: Mar 14 12:18:43 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 10 16:51:53 2022  
Response via : Initial Calibration

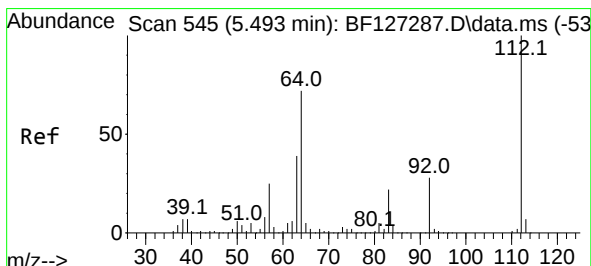
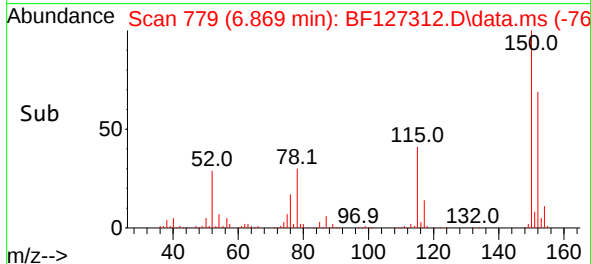
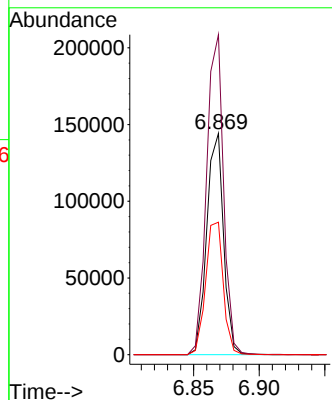
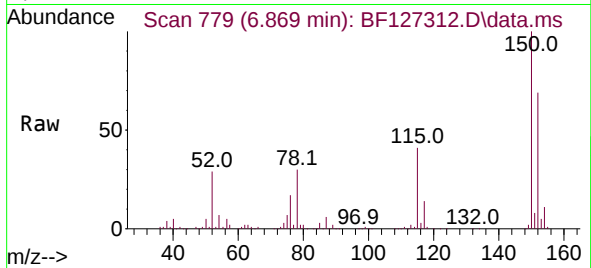




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

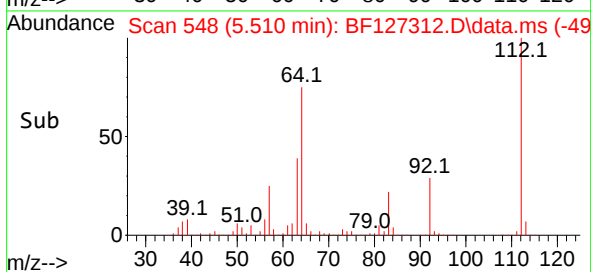
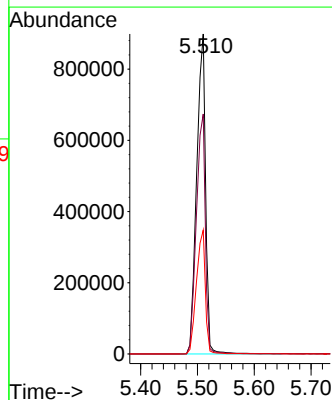
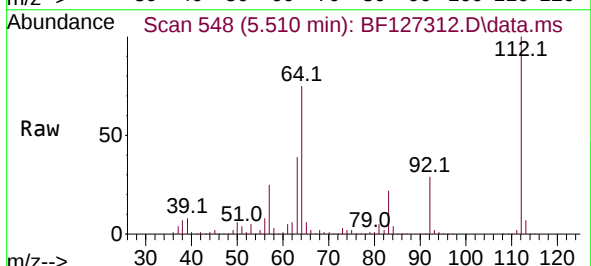
Instrument :  
BNA\_F  
ClientSampleId :  
PB143208BL

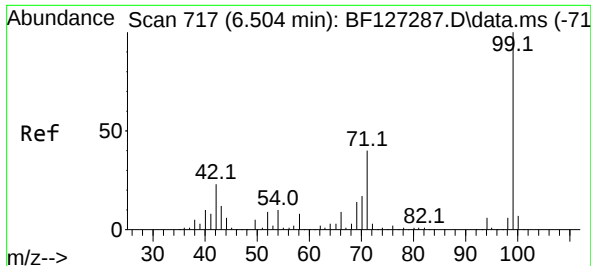
Tgt Ion:152 Resp: 129160  
Ion Ratio Lower Upper  
152 100  
150 144.7 128.1 192.1  
115 59.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 123.145 ng  
RT: 5.510 min Scan# 548  
Delta R.T. 0.018 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

Tgt Ion:112 Resp: 989413  
Ion Ratio Lower Upper  
112 100  
64 75.0 49.5 74.3#  
63 38.7 23.9 35.9#

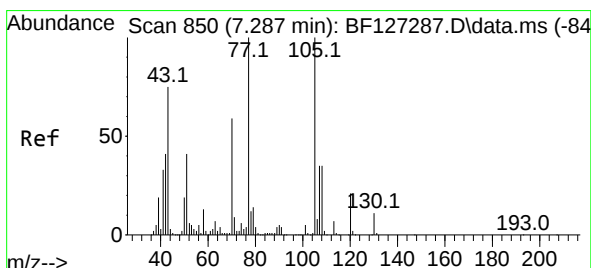
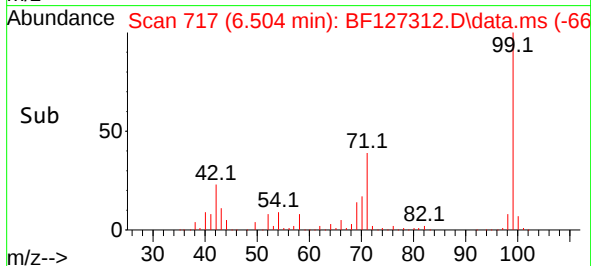
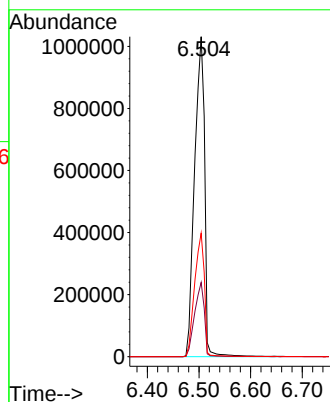
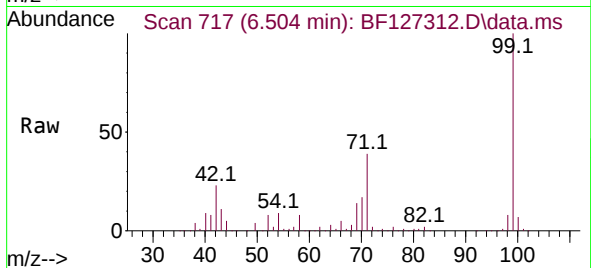




#7  
Phenol-d6  
Concen: 125.683 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

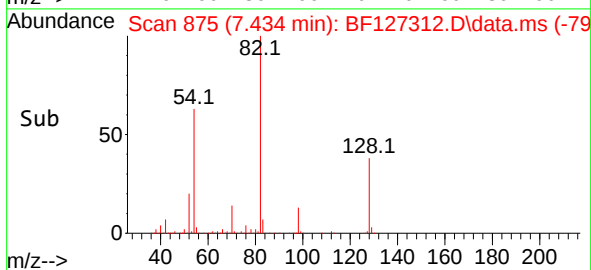
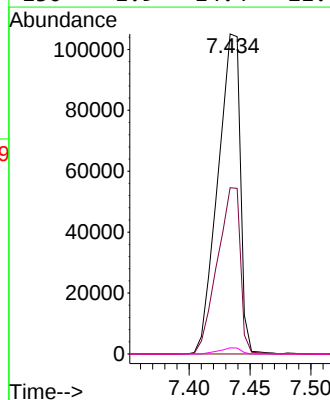
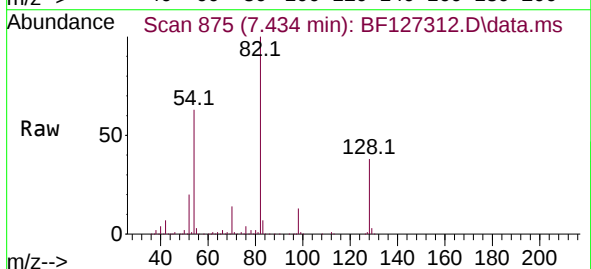
Instrument :  
BNA\_F  
ClientSampleId :  
PB143208BL

Tgt Ion: 99 Resp: 1389139  
Ion Ratio Lower Upper  
99 100  
42 23.2 14.2 21.4#  
71 38.6 24.3 36.5#



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.583 ng  
RT: 7.434 min Scan# 875  
Delta R.T. 0.147 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

Tgt Ion: 70 Resp: 135068  
Ion Ratio Lower Upper  
70 100  
42 51.9 45.8 68.8  
101 0.0 6.9 10.3#  
130 1.9 14.4 21.6#



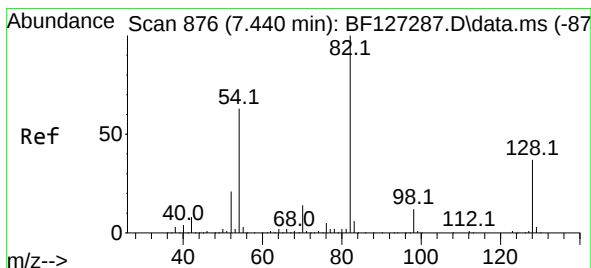
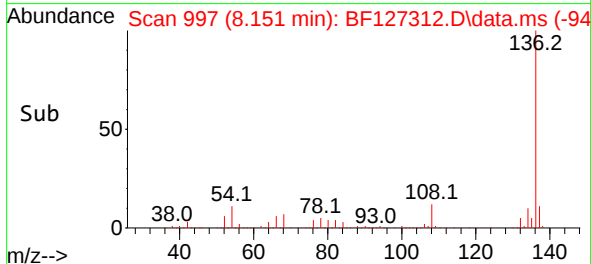
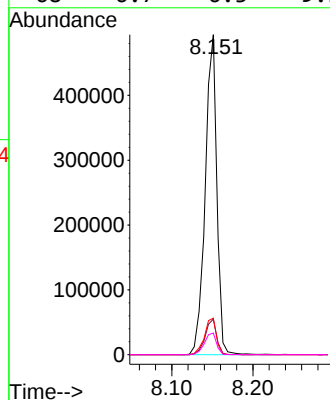
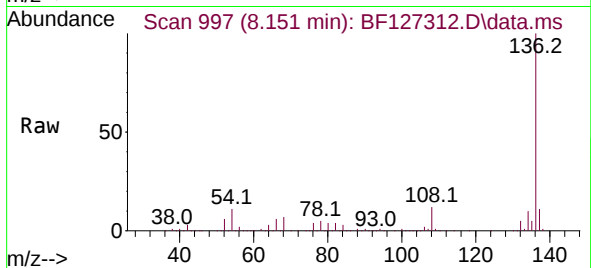


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB143208BL

Tgt Ion:136 Resp: 488810

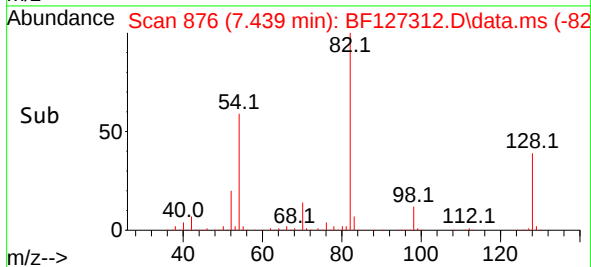
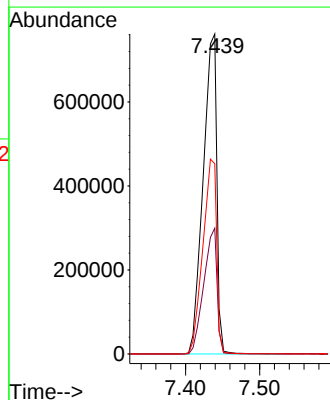
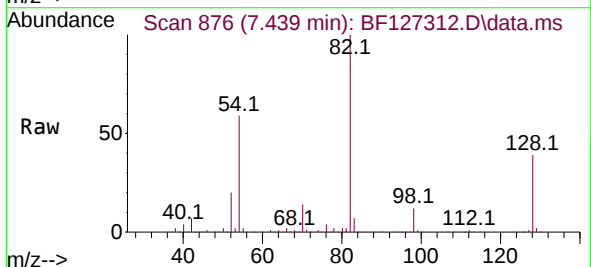
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 11.4  | 7.8   | 11.6  |
| 68  | 6.7   | 6.3   | 9.5   |



#23  
Nitrobenzene-d5  
Concen: 82.681 ng  
RT: 7.439 min Scan# 876  
Delta R.T. -0.000 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

Tgt Ion: 82 Resp: 978625

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.3  | 32.7  | 49.1  |
| 54  | 59.4  | 41.7  | 62.5  |

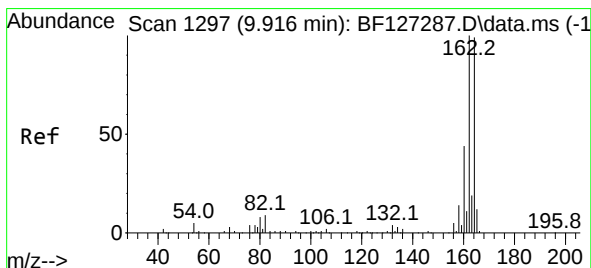
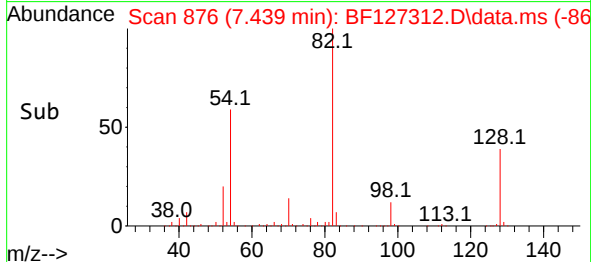
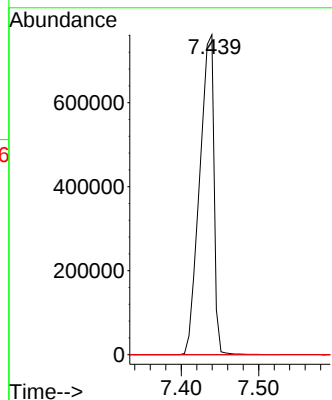
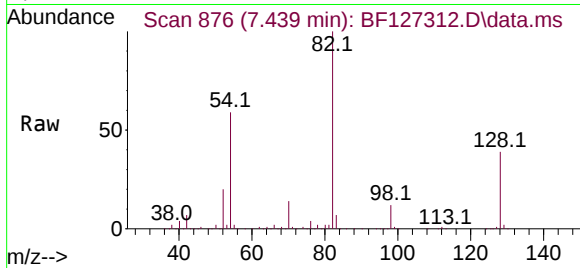




#25  
Isophorone  
Concen: 51.419 ng  
RT: 7.439 min Scan# 81  
Delta R.T. -0.253 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

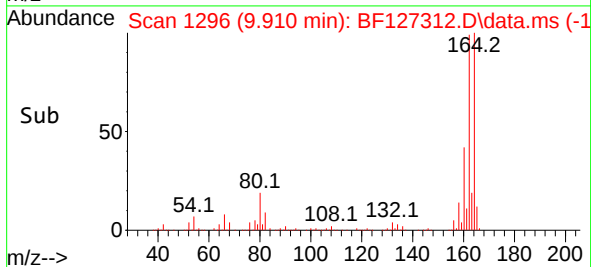
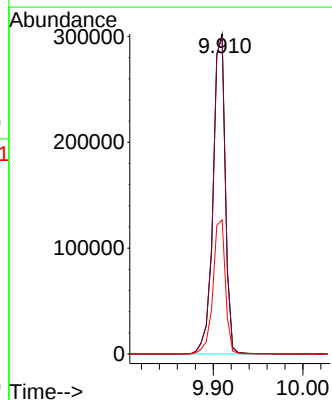
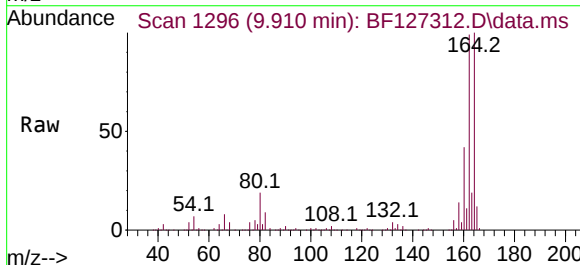
Instrument :  
BNA\_F  
ClientSampleId :  
PB143208BL

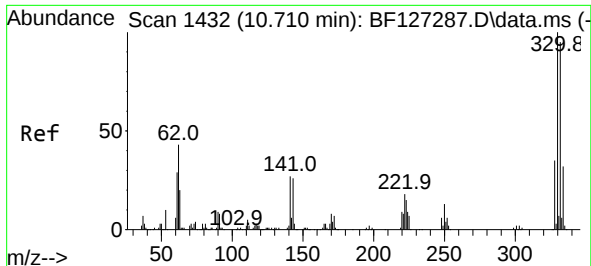
Tgt Ion: 82 Resp: 978614  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BF127312.D  
Acq: 14 Mar 2022 10:43

Tgt Ion: 164 Resp: 285214  
Ion Ratio Lower Upper  
164 100  
162 98.8 81.4 122.0  
160 41.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 124.885 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

Instrument :

BNA\_F

ClientSampleId :

PB143208BL

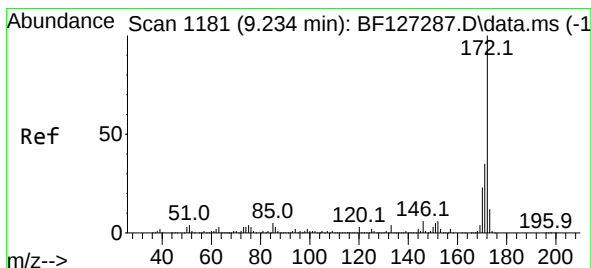
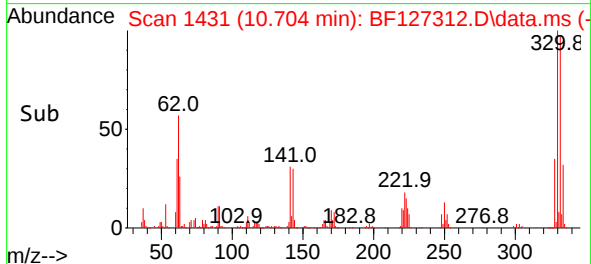
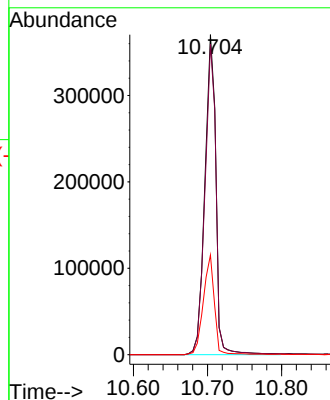
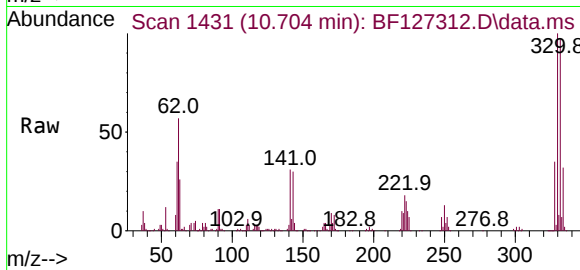
Tgt Ion:330 Resp: 383434

Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

141 31.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 81.039 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

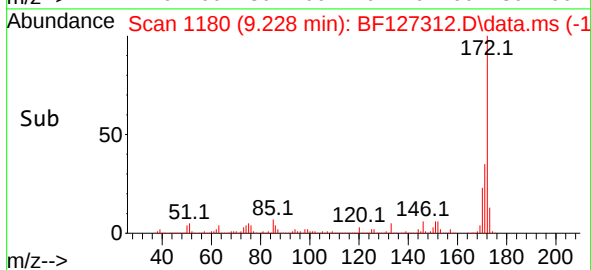
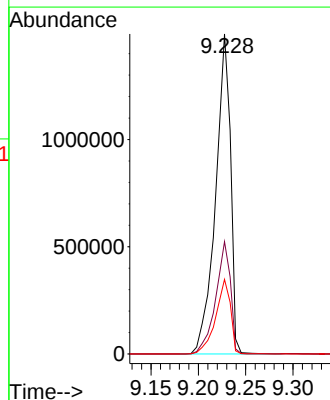
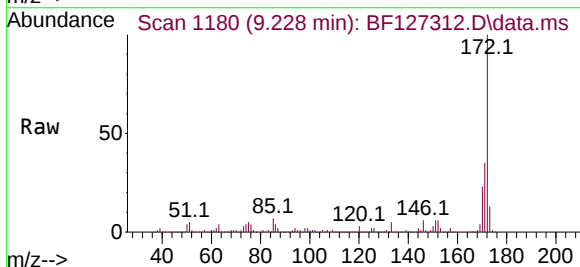
Tgt Ion:172 Resp: 1634852

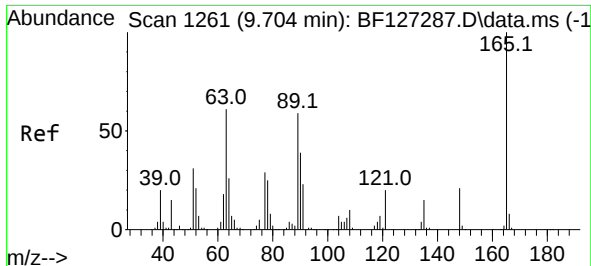
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.583 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

Instrument :

BNA\_F

ClientSampleId :

PB143208BL

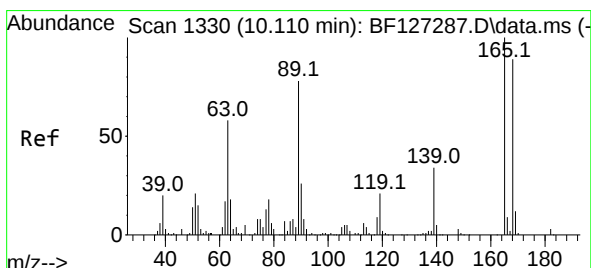
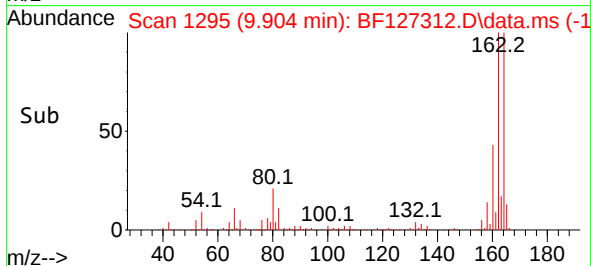
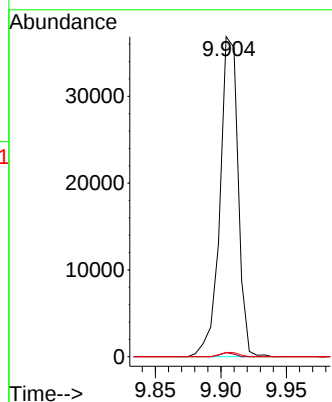
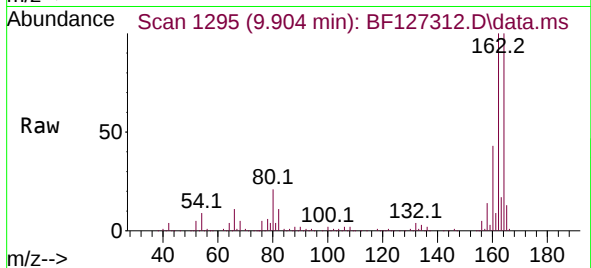
Tgt Ion:165 Resp: 35484

Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.4 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.524 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

Tgt Ion:165 Resp: 35484

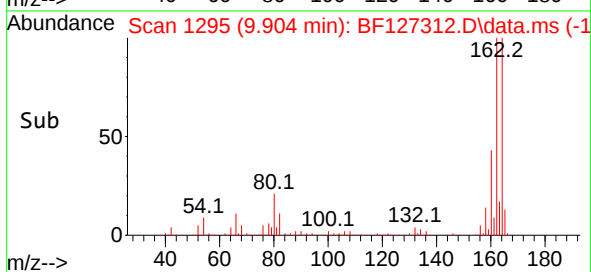
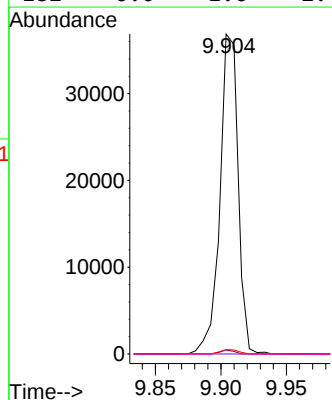
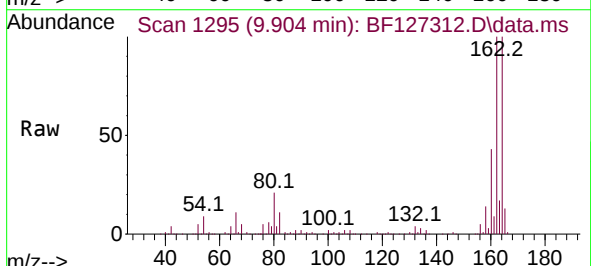
Ion Ratio Lower Upper

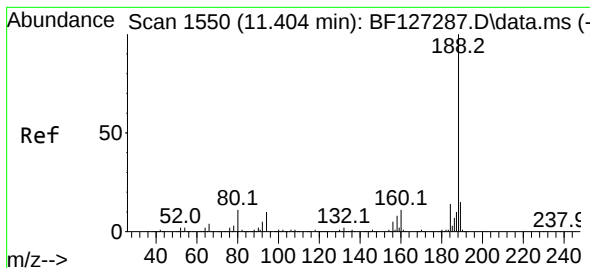
165 100

63 1.3 43.0 64.6#

89 1.4 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

Instrument :

BNA\_F

ClientSampleId :

PB143208BL

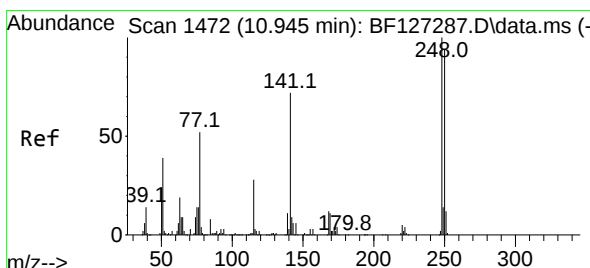
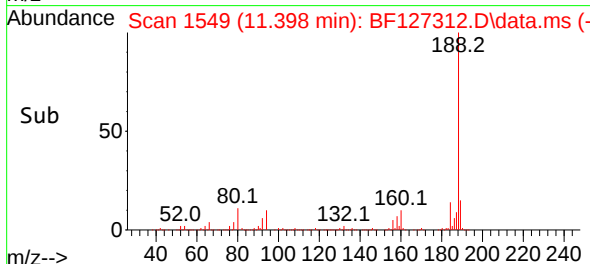
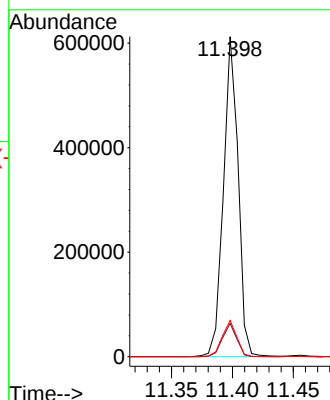
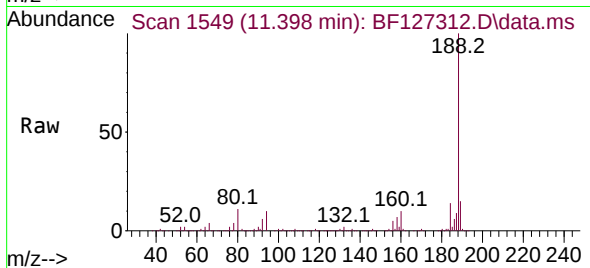
Tgt Ion:188 Resp: 515694

Ion Ratio Lower Upper

188 100

94 10.4 10.1 15.1

80 11.3 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.030 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.241 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

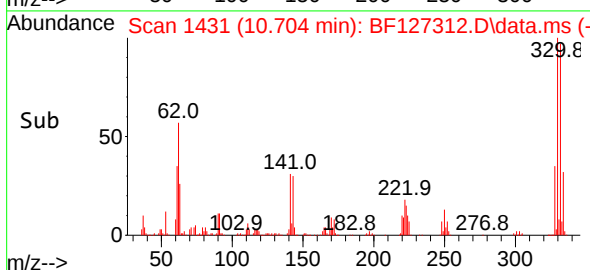
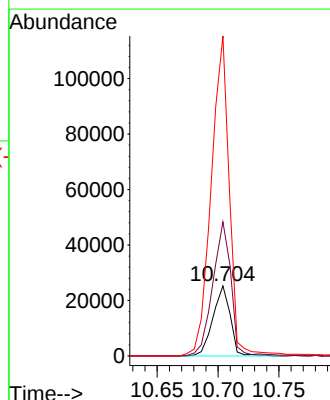
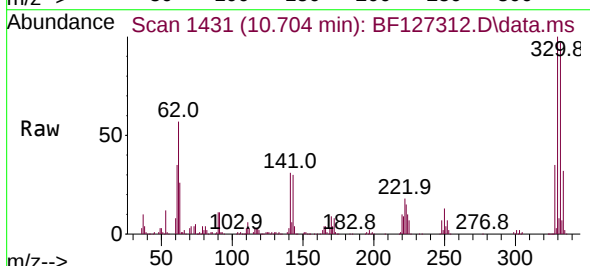
Tgt Ion:248 Resp: 25051

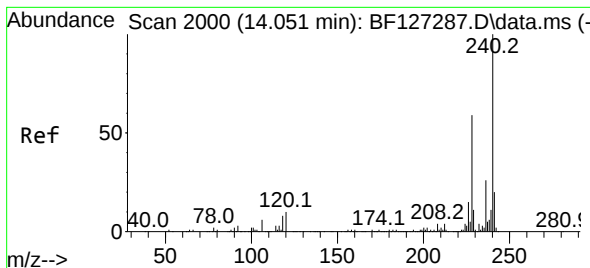
Ion Ratio Lower Upper

248 100

250 191.2 76.2 114.4#

141 456.2 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

Instrument :

BNA\_F

ClientSampleId :

PB143208BL

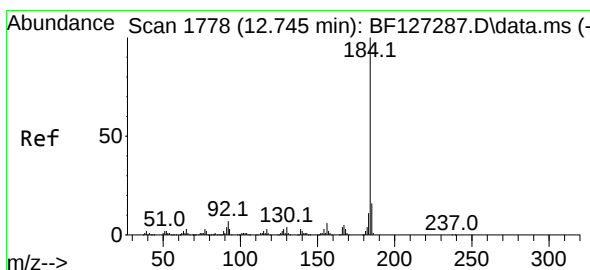
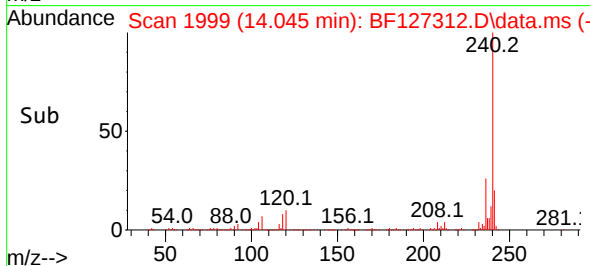
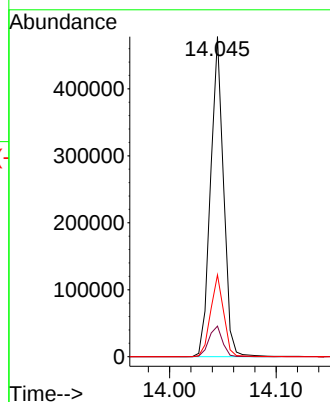
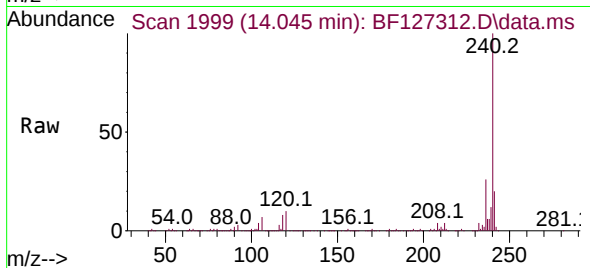
Tgt Ion:240 Resp: 405222

Ion Ratio Lower Upper

240 100

120 9.6 14.4 21.6#

236 25.5 20.5 30.7



#77

Benzidine

Concen: 2.285 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.247 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

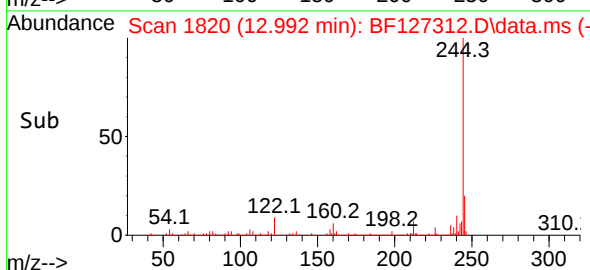
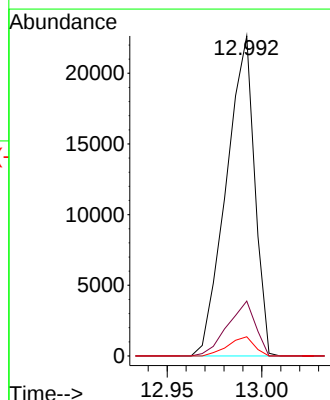
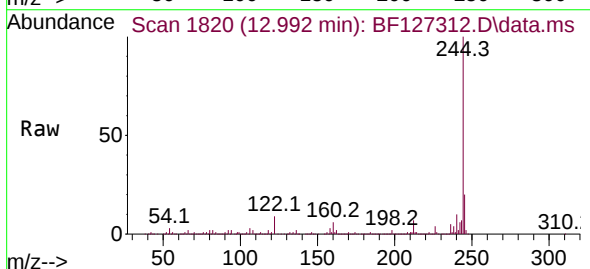
Tgt Ion:184 Resp: 23551

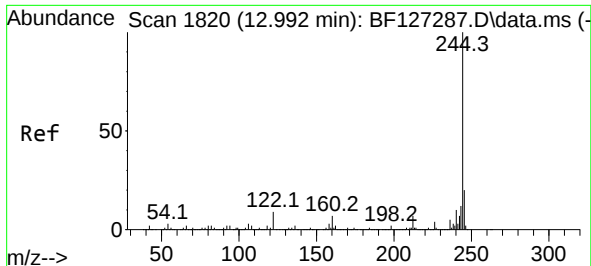
Ion Ratio Lower Upper

184 100

185 17.2 11.8 17.8

183 6.0 8.2 12.2#

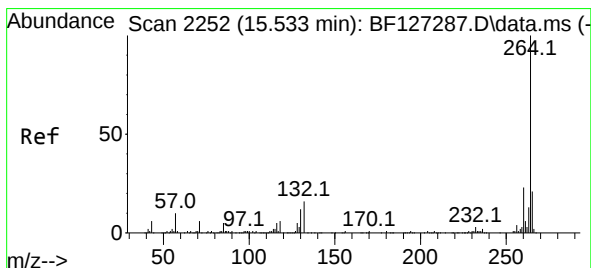
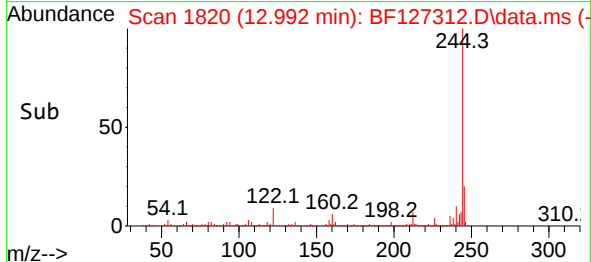
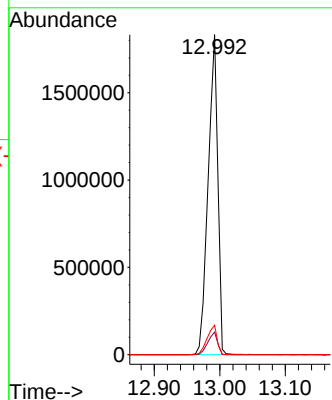
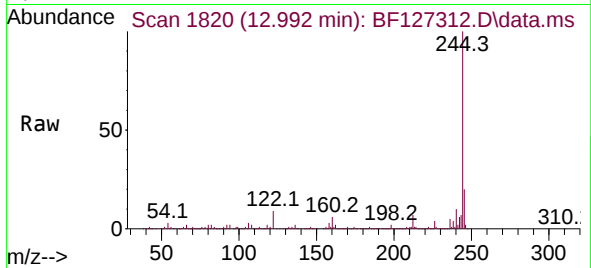




#79  
 Terphenyl-d14  
 Concen: 80.025 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF127312.D  
 Acq: 14 Mar 2022 10:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143208BL

Tgt Ion:244 Resp: 1883204  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.0 7.4  
 122 9.2 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2252  
 Delta R.T. -0.000 min  
 Lab File: BF127312.D  
 Acq: 14 Mar 2022 10:43

Tgt Ion:264 Resp: 325475  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.2 28.8  
 265 21.1 17.4 26.2

