

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
 Data File : BF127939.D  
 Acq On : 27 Apr 2022 12:06  
 Operator : CG\JU  
 Sample : PB144392BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144392BL

Quant Time: Apr 27 17:29:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 00:43:03 2022  
 Response via : Initial Calibration

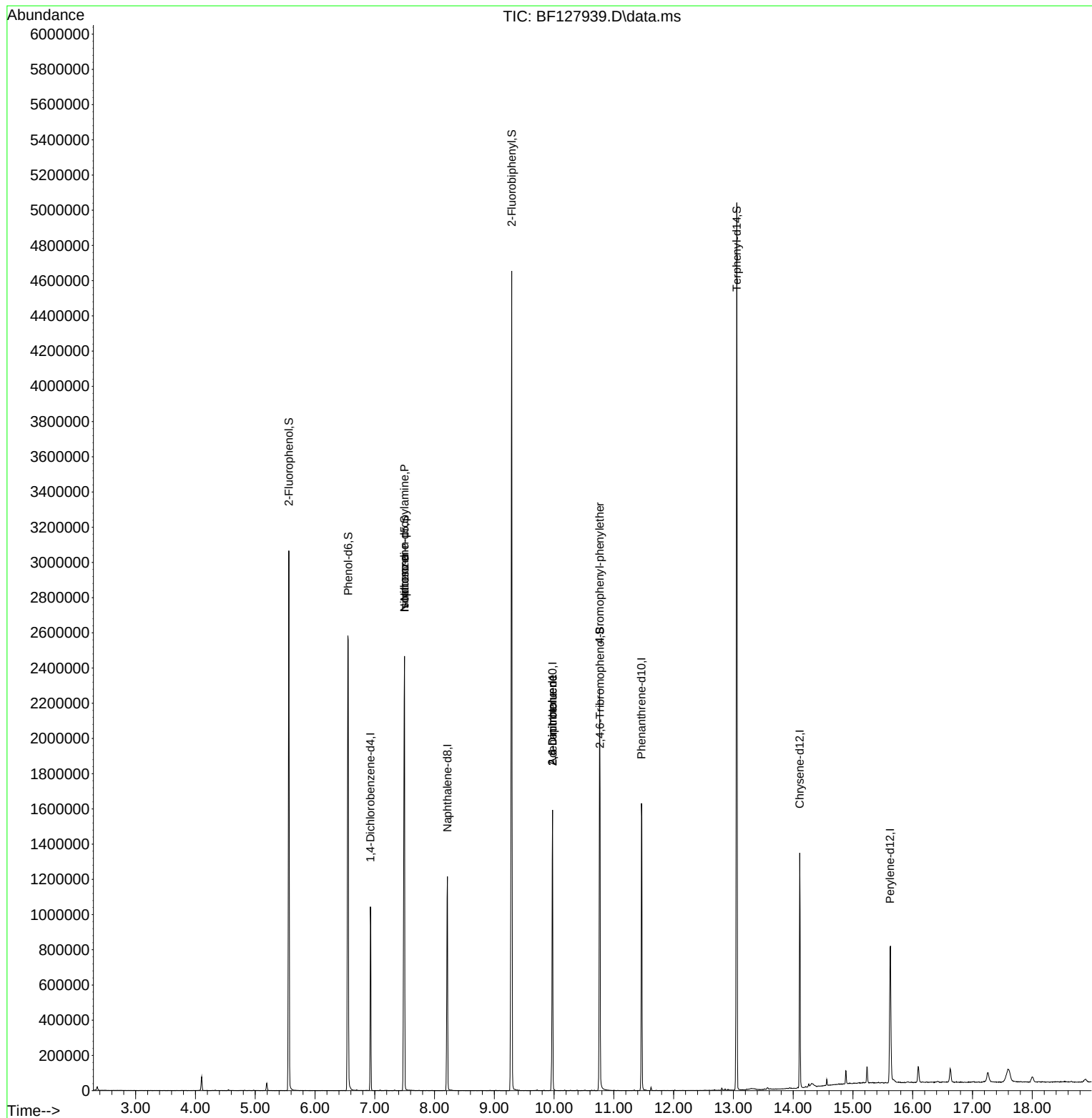
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 150434   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.216  | 136  | 611030   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.975  | 164  | 351575   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.463 | 188  | 638891   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 14.110 | 240  | 457139   | 20.000 | ng    | #-0.02   |
| 86) Perylene-d12              | 15.621 | 264  | 356495   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.563  | 112  | 764604   | 80.956 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.557  | 99   | 1007679  | 82.225 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.498  | 82   | 1014955  | 78.110 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.769 | 330  | 272905   | 77.109 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.292  | 172  | 1629116  | 78.391 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.057 | 244  | 1832281  | 73.291 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.498  | 70   | 138267   | 18.431 | ng    | # 80     |
| 25) Isophorone                | 7.498  | 82   | 1010361  | 46.199 | ng    | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.975  | 165  | 44747    | 8.765  | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.975  | 165  | 44747    | 6.617  | ng    | # 25     |
| 67) 4-Bromophenyl-phenylether | 10.763 | 248  | 17324    | 2.446  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

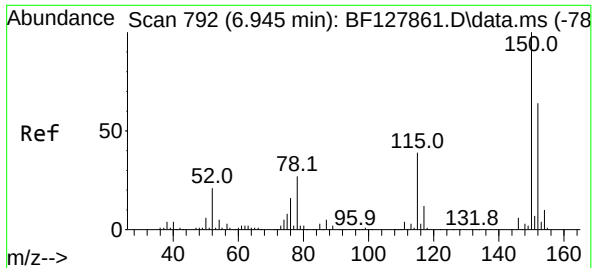
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
Data File : BF127939.D  
Acq On : 27 Apr 2022 12:06  
Operator : CG\JU  
Sample : PB144392BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

Quant Time: Apr 27 17:29:27 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Apr 24 00:43:03 2022  
Response via : Initial Calibration

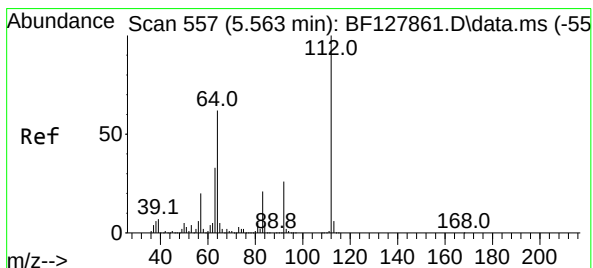
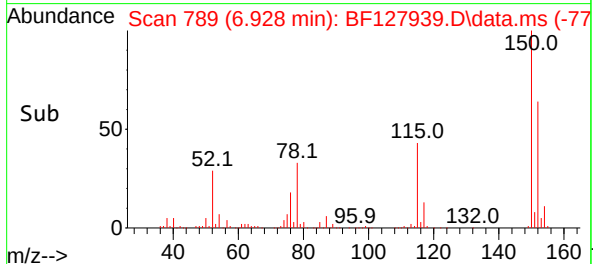
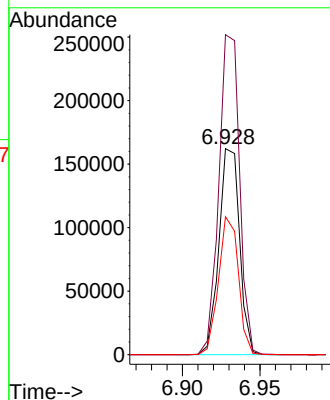
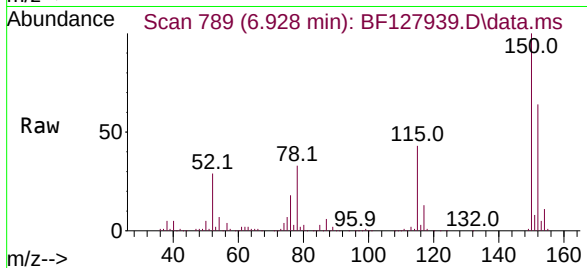




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 792  
Delta R.T. -0.017 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

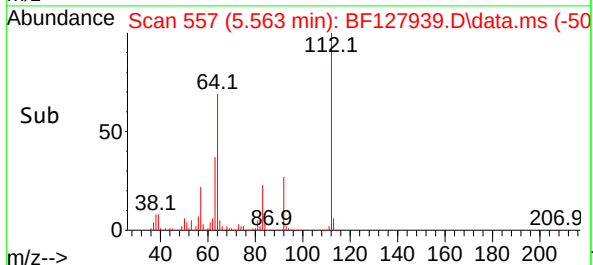
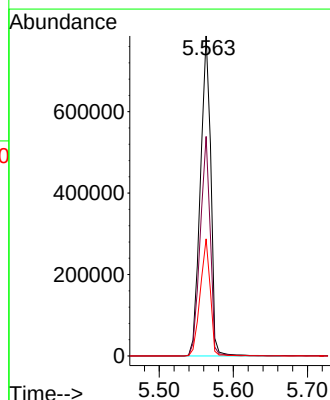
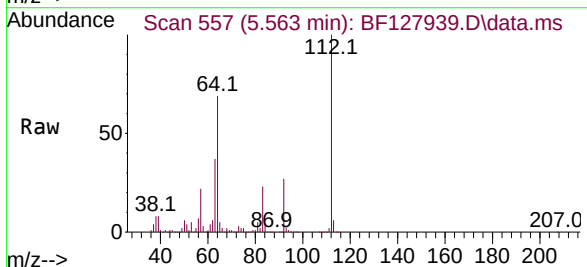
Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

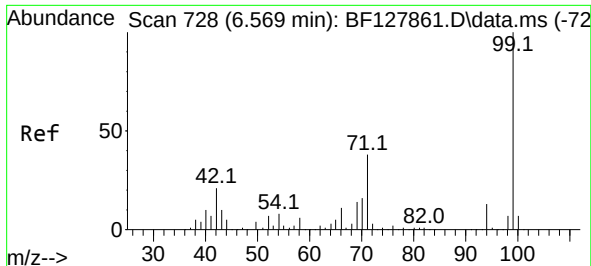
Tgt Ion:152 Resp: 150434  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.3 187.9  
115 66.9 48.8 73.2



#5  
2-Fluorophenol  
Concen: 80.956 ng  
RT: 5.563 min Scan# 557  
Delta R.T. -0.000 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

Tgt Ion:112 Resp: 764604  
Ion Ratio Lower Upper  
112 100  
64 68.6 49.5 74.3  
63 36.6 26.3 39.5

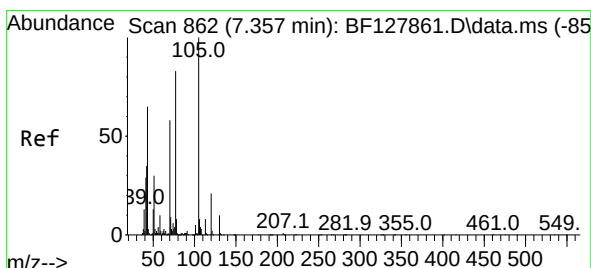
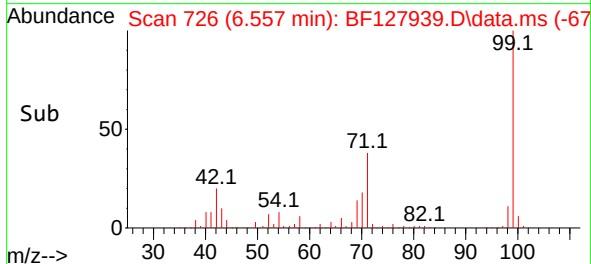
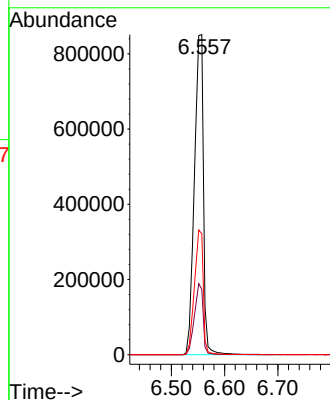
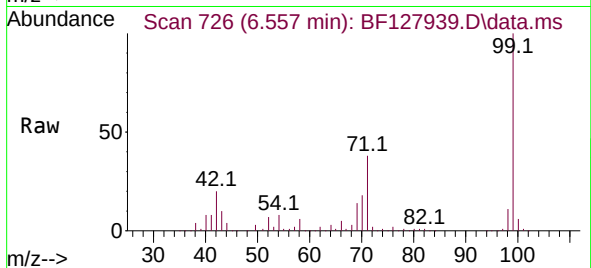




#7  
Phenol-d6  
Concen: 82.225 ng  
RT: 6.557 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

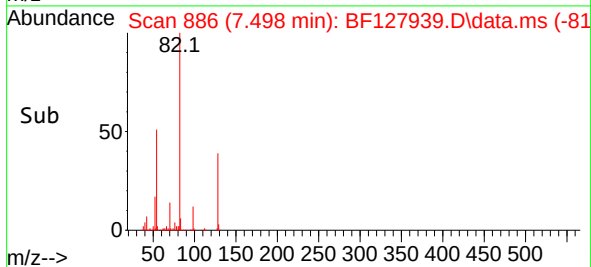
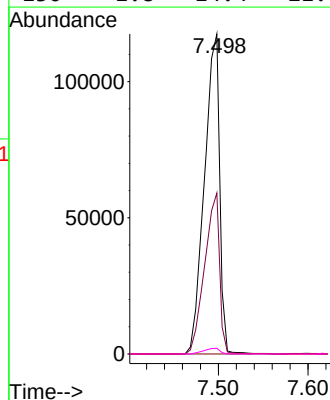
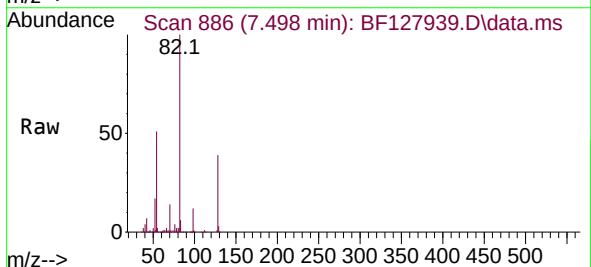
Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

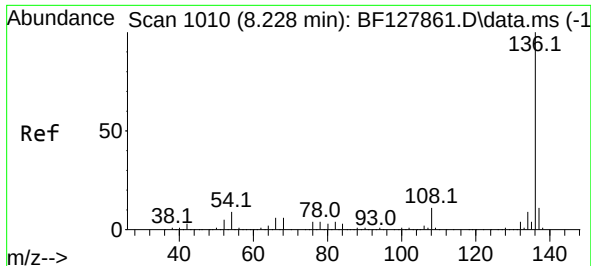
Tgt Ion: 99 Resp: 1007679  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.6 24.8  
71 37.8 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.431 ng  
RT: 7.498 min Scan# 886  
Delta R.T. 0.141 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

Tgt Ion: 70 Resp: 138267  
Ion Ratio Lower Upper  
70 100  
42 50.3 48.7 73.1  
101 0.0 7.2 10.8#  
130 1.8 14.4 21.6#

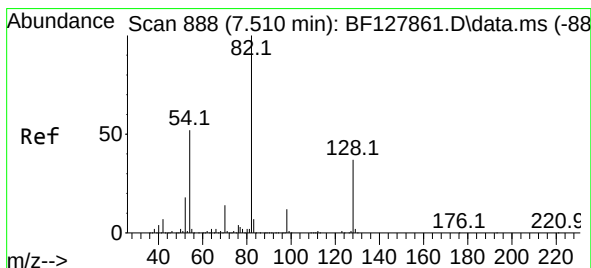
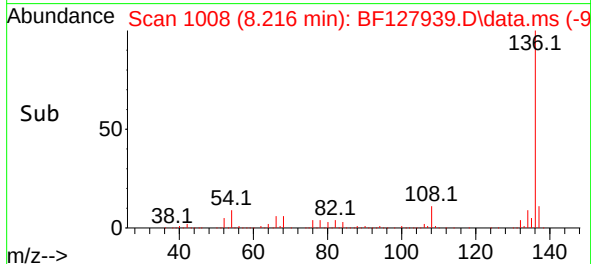
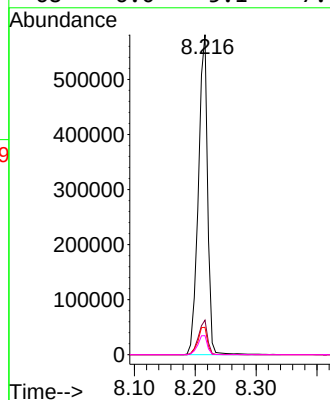
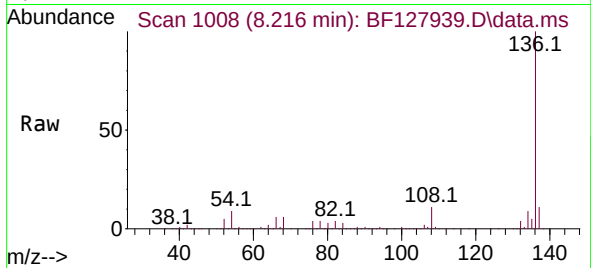




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.216 min Scan# 1008  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

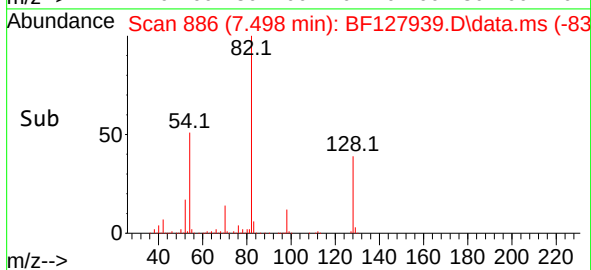
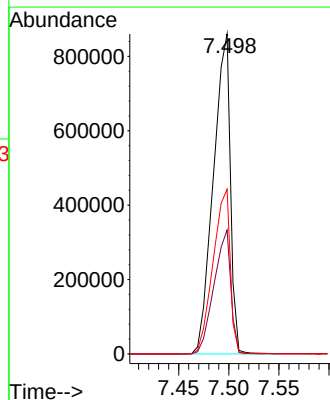
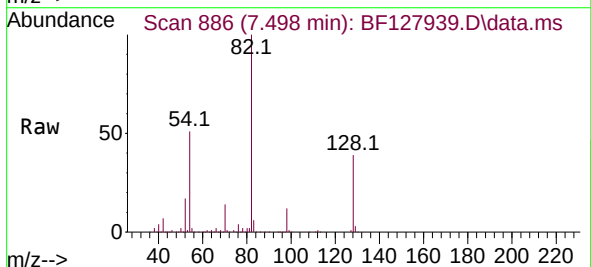
Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

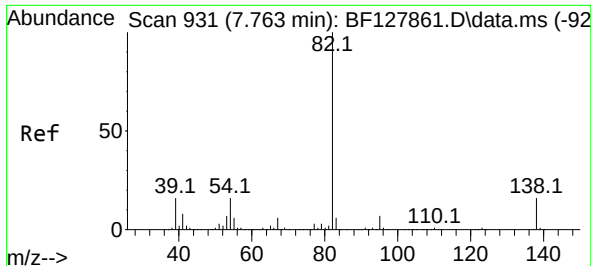
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 611030 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 8.6   | 6.8   | 10.2   |
| 68       | 6.0   | 5.1   | 7.7    |



#23  
Nitrobenzene-d5  
Concen: 78.110 ng  
RT: 7.498 min Scan# 886  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1014955 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 38.8  | 30.0  | 45.0    |
| 54       | 51.5  | 41.3  | 61.9    |

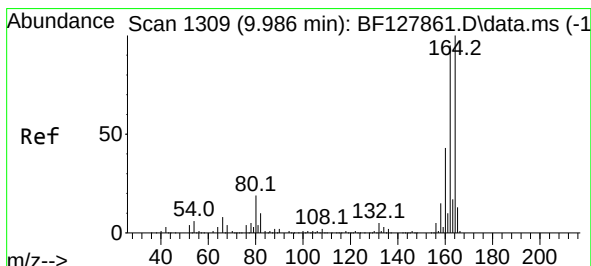
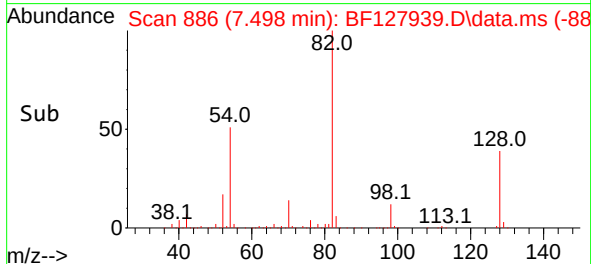
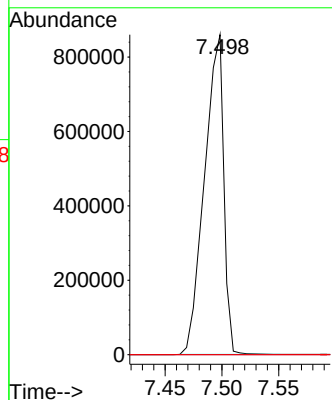
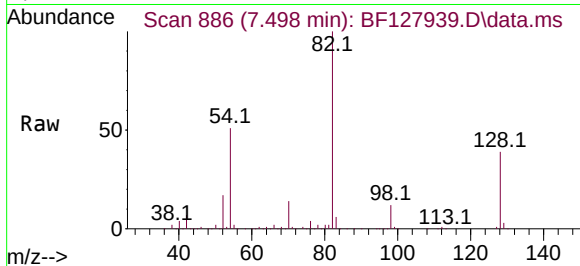




#25  
Isophorone  
Concen: 46.199 ng  
RT: 7.498 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

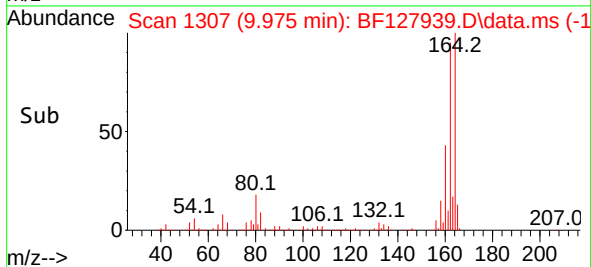
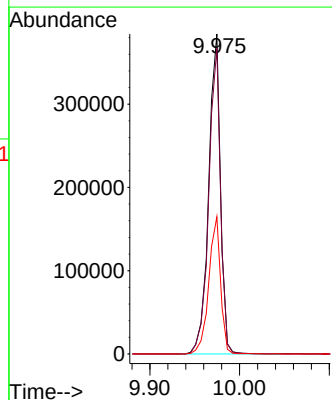
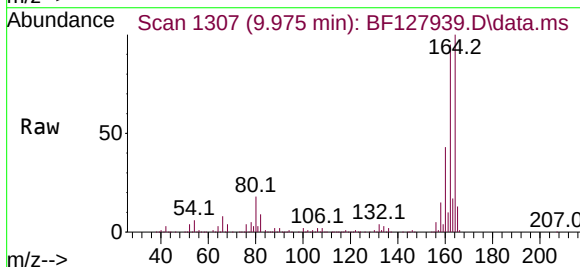
Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

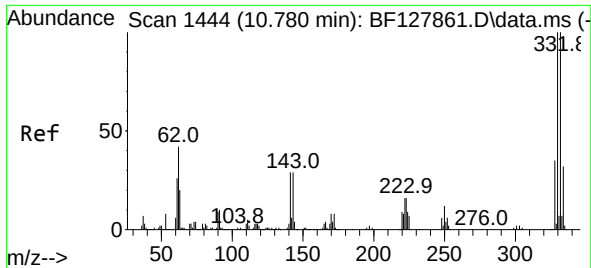
Tgt Ion: 82 Resp: 1010361  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.975 min Scan# 1307  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

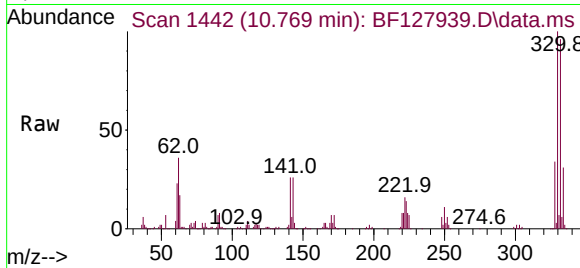
Tgt Ion:164 Resp: 351575  
Ion Ratio Lower Upper  
164 100  
162 95.5 76.0 114.0  
160 42.9 34.8 52.2



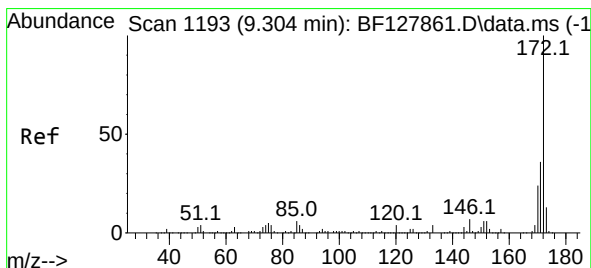
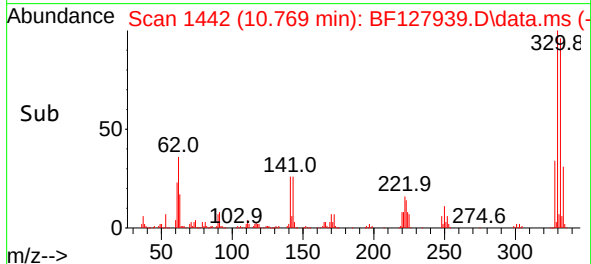
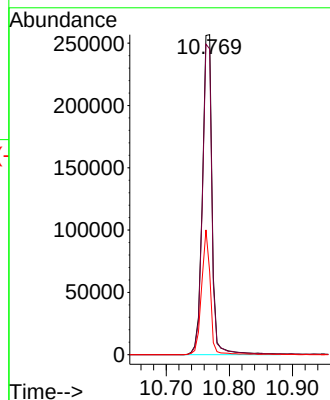


#42  
2,4,6-Tribromophenol  
Concen: 77.109 ng  
RT: 10.769 min Scan# 1444  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

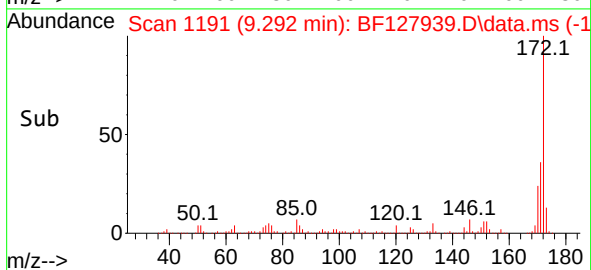
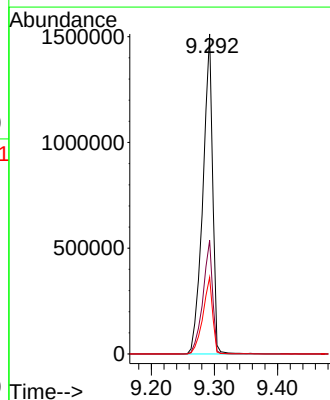
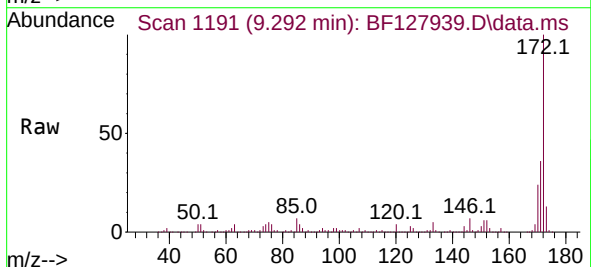


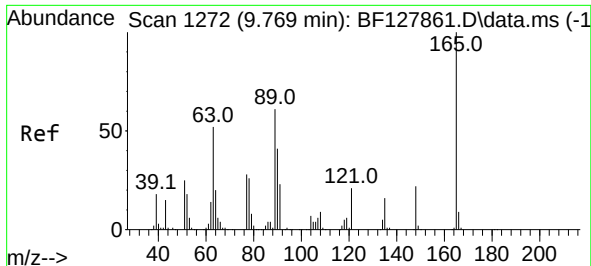
Tgt Ion:330 Resp: 272905  
Ion Ratio Lower Upper  
330 100  
332 95.7 79.0 118.4  
141 35.0 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 78.391 ng  
RT: 9.292 min Scan# 1191  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

Tgt Ion:172 Resp: 1629116  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 42.8  
170 23.9 19.1 28.7

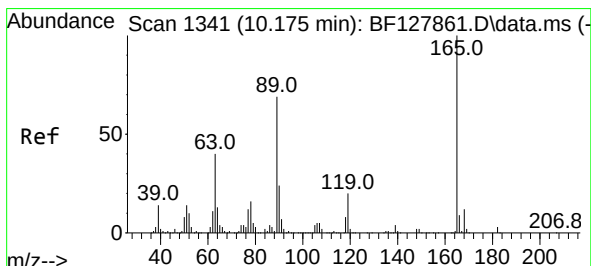
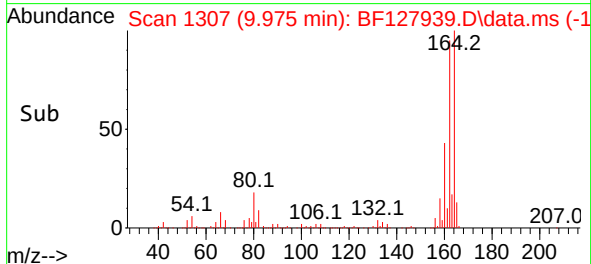
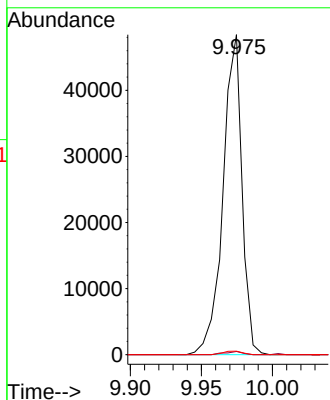
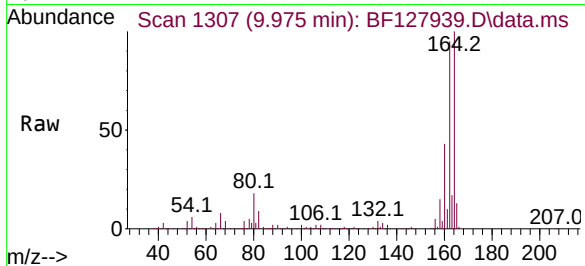




#51  
2,6-Dinitrotoluene  
Concen: 8.765 ng  
RT: 9.975 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

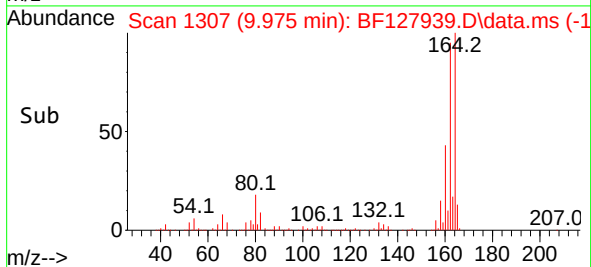
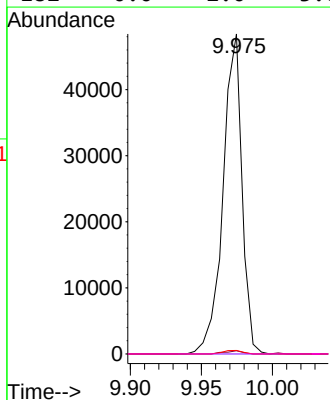
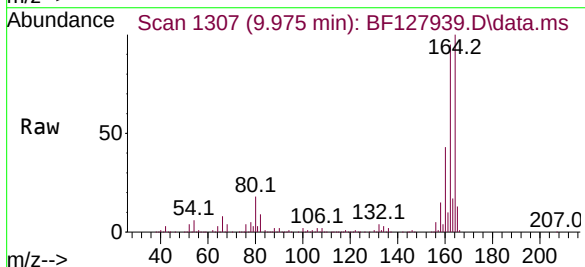
Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

Tgt Ion:165 Resp: 44747  
Ion Ratio Lower Upper  
165 100  
63 1.0 49.5 74.3#  
89 1.1 49.0 73.4#

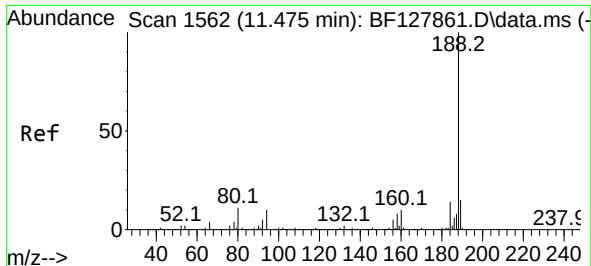


#57  
2,4-Dinitrotoluene  
Concen: 6.617 ng  
RT: 9.975 min Scan# 1307  
Delta R.T. -0.200 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

Tgt Ion:165 Resp: 44747  
Ion Ratio Lower Upper  
165 100  
63 1.0 32.6 49.0#  
89 1.1 55.2 82.8#  
182 0.0 2.0 3.0#



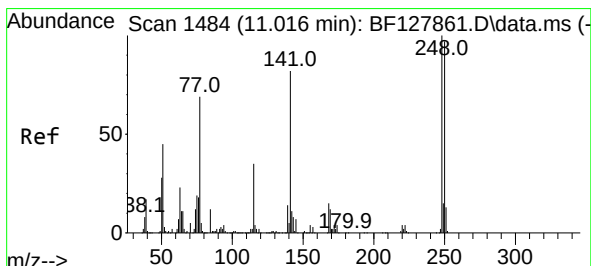
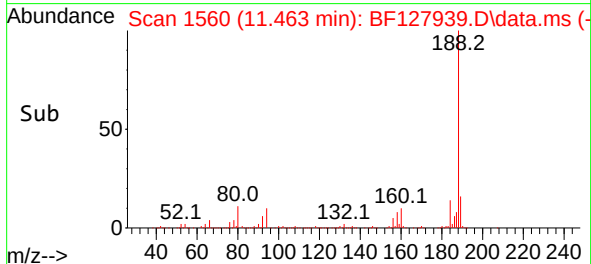
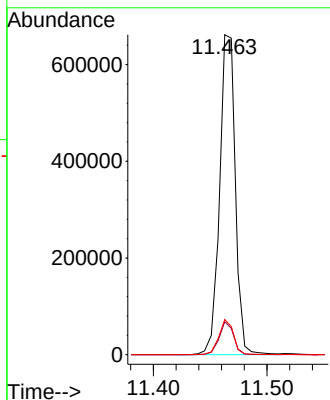
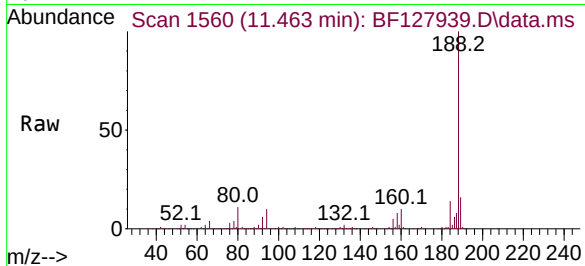




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.463 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

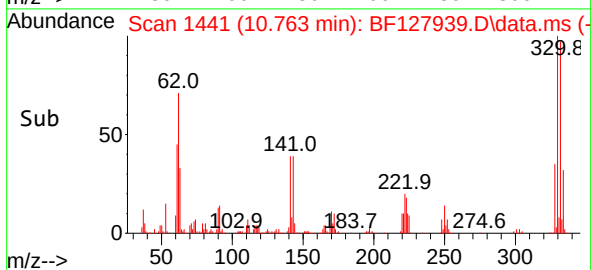
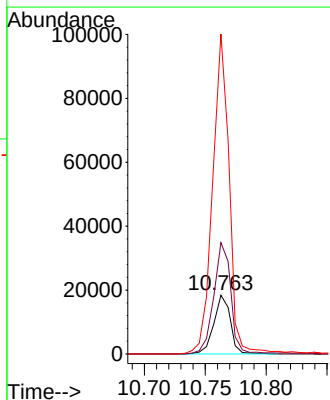
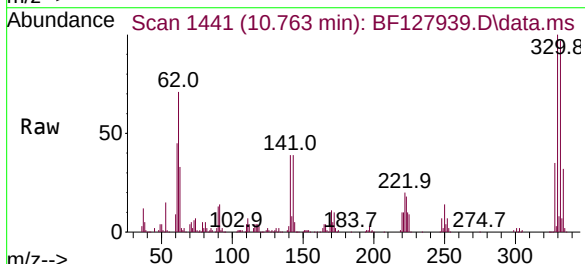
Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

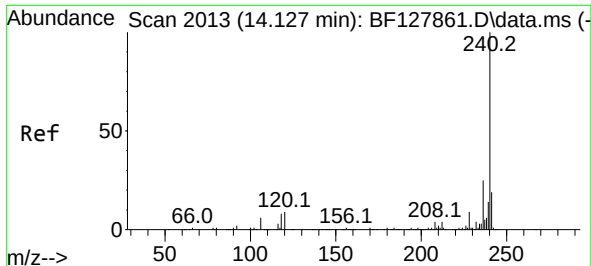
Tgt Ion:188 Resp: 638891  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.0 12.0  
80 11.0 8.9 13.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.446 ng  
RT: 10.763 min Scan# 1441  
Delta R.T. -0.253 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

Tgt Ion:248 Resp: 17324  
Ion Ratio Lower Upper  
248 100  
250 189.7 77.7 116.5#  
141 545.3 65.6 98.4#

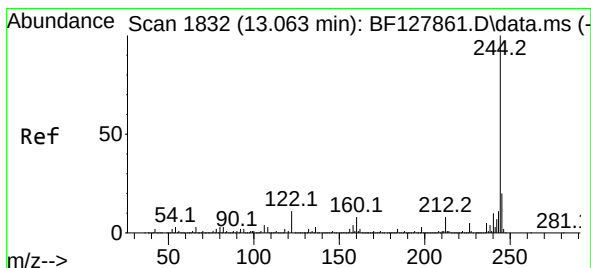
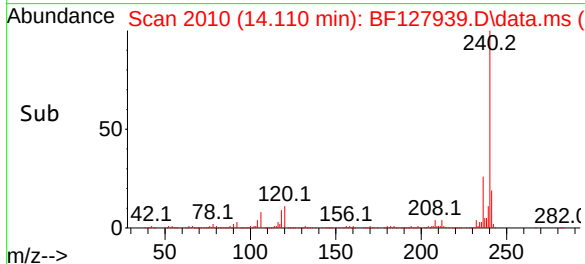
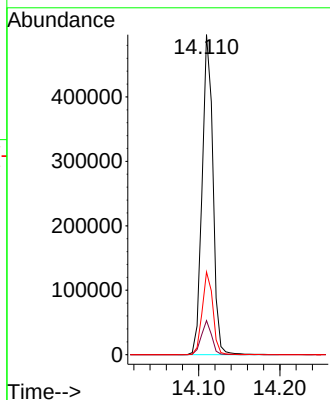
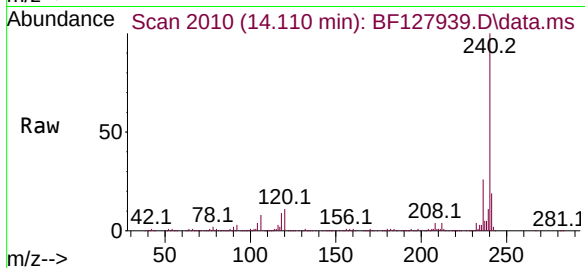




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.110 min Scan# 2013  
Delta R.T. -0.018 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

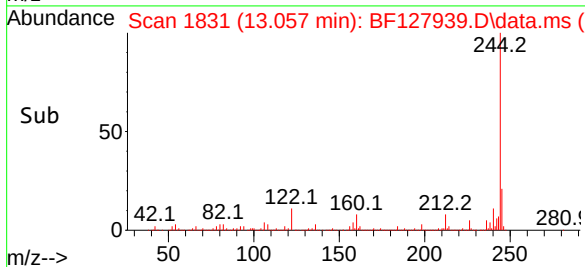
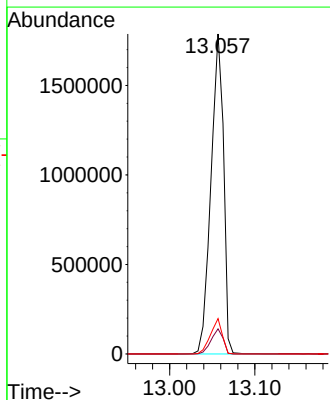
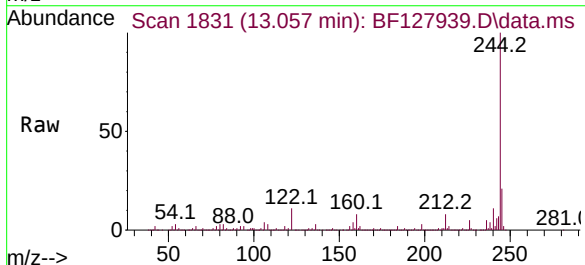
Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL

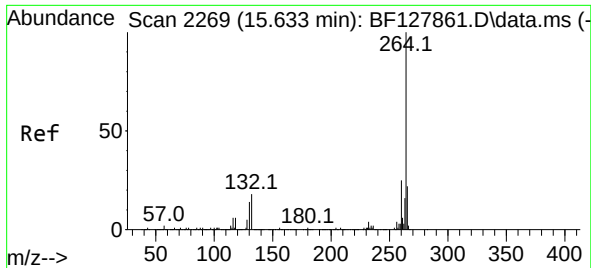
Tgt Ion:240 Resp: 457139  
Ion Ratio Lower Upper  
240 100  
120 10.7 7.0 10.6#  
236 25.8 20.3 30.5



#79  
Terphenyl-d14  
Concen: 73.291 ng  
RT: 13.057 min Scan# 1831  
Delta R.T. -0.006 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

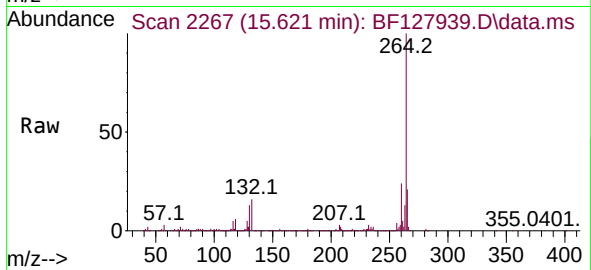
Tgt Ion:244 Resp: 1832281  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.2 9.4  
122 11.1 8.6 12.8





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.621 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF127939.D  
Acq: 27 Apr 2022 12:06

Instrument :  
BNA\_F  
ClientSampleId :  
PB144392BL



Tgt Ion:264 Resp: 356495  
Ion Ratio Lower Upper  
264 100  
260 24.3 20.1 30.1  
265 20.8 17.5 26.3

