

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011821\  
 Data File : BF122992.D  
 Acq On : 18 Jan 2021 17:54  
 Operator : JU/CG  
 Sample : PB134201BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB134201BL

Quant Time: Jan 18 23:48:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 18 13:14:08 2021  
 Response via : Initial Calibration

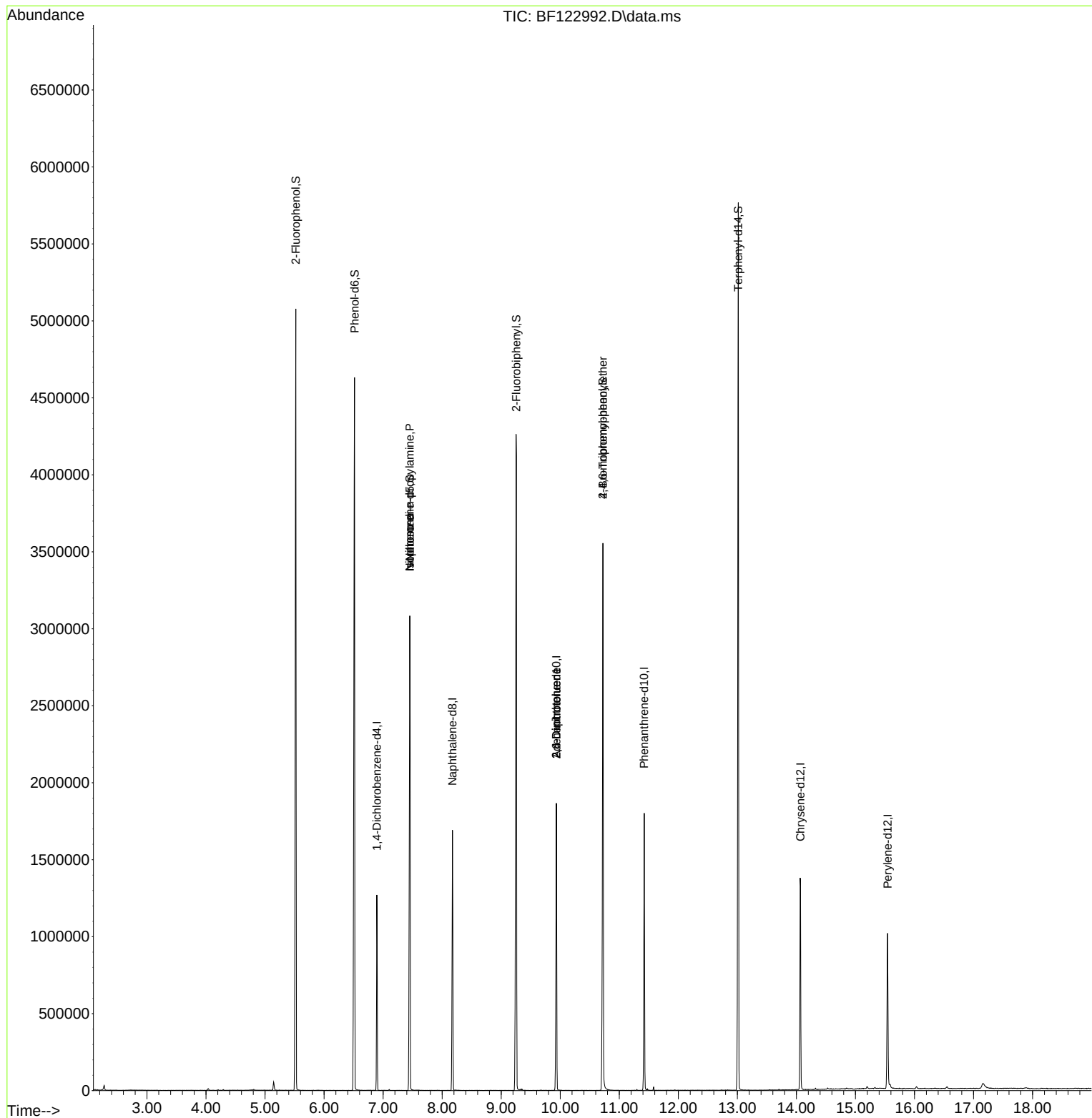
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 163055   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 790099   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.933  | 164  | 379719   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.421 | 188  | 587337   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.068 | 240  | 473785   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 416482   | 20.00     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1283748  | 119.01    | ng    | 0.01     |
| 7) Phenol-d6                  | 6.516  | 99   | 1503465  | 103.71    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1064510  | 69.33     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.721 | 330  | 425420   | 99.07     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1543064  | 56.90     | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.015 | 244  | 1738090  | 67.26     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.510  | 77   | 2411     | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 147759   | 17.21     | ng    | # 75     |
| 25) Isophorone                | 7.451  | 82   | 1061824  | 38.76     | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 47900    | 7.43      | ng    | # 31     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 47900    | 5.78      | ng    | # 25     |
| 67) 4-Bromophenyl-phenylether | 10.721 | 248  | 25126    | 3.50      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

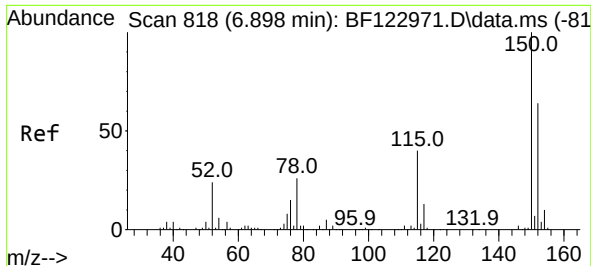
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011821\  
Data File : BF122992.D  
Acq On : 18 Jan 2021 17:54  
Operator : JU/CG  
Sample : PB134201BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

Quant Time: Jan 18 23:48:40 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 18 13:14:08 2021  
Response via : Initial Calibration

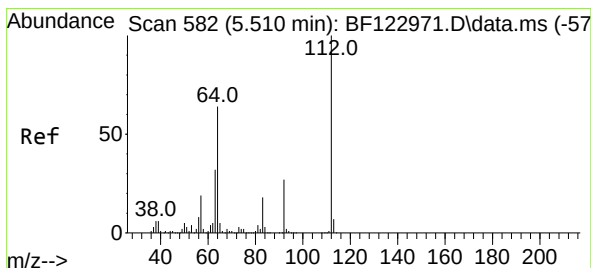
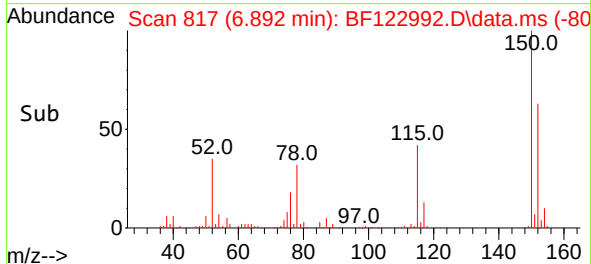
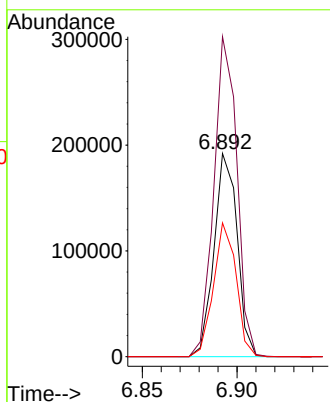
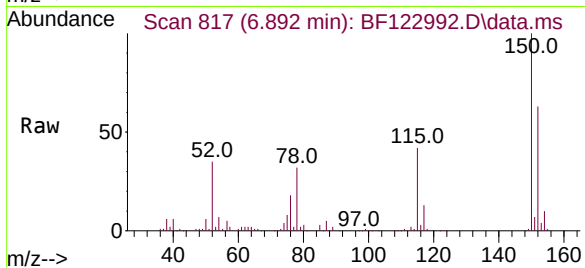




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.892 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

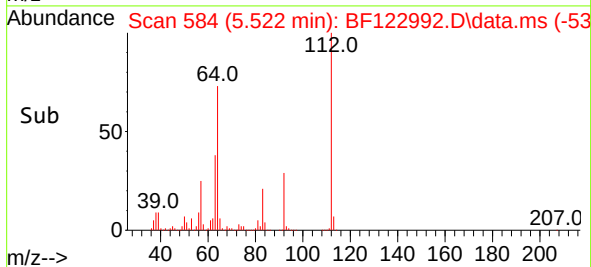
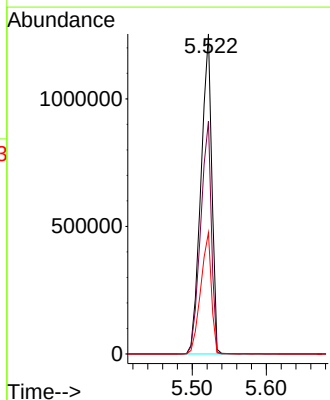
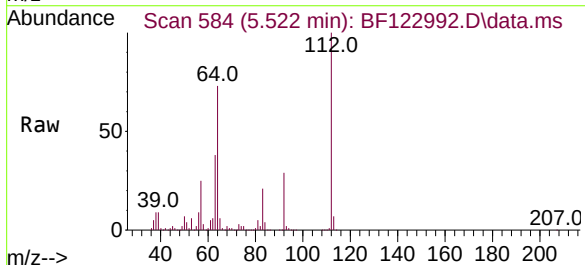
Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

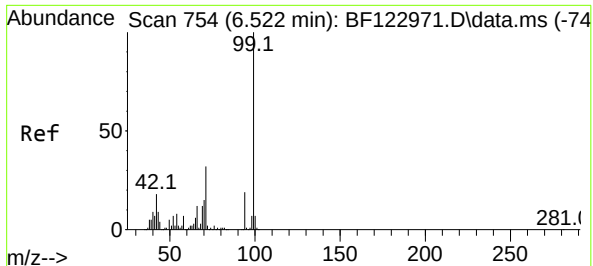
Tgt Ion:152 Resp: 163055  
Ion Ratio Lower Upper  
152 100  
150 157.5 125.8 188.6  
115 65.8 49.3 73.9



#5  
2-Fluorophenol  
Concen: 119.01 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.012 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion:112 Resp: 1283748  
Ion Ratio Lower Upper  
112 100  
64 72.7 46.9 70.3#  
63 37.9 24.5 36.7#

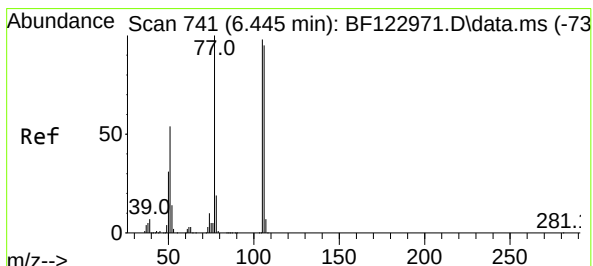
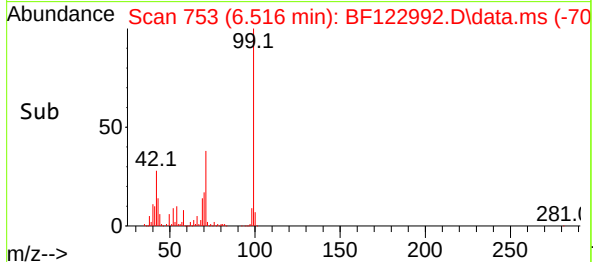
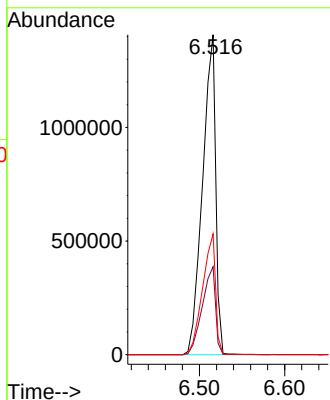
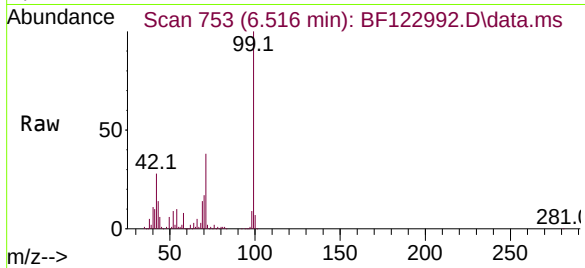




#7  
Phenol-d6  
Concen: 103.71 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

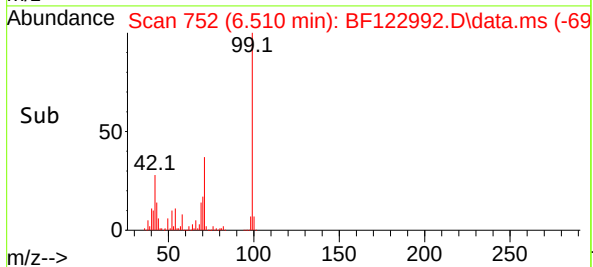
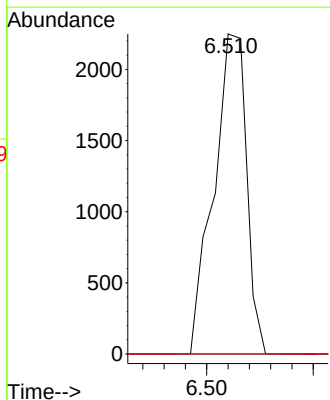
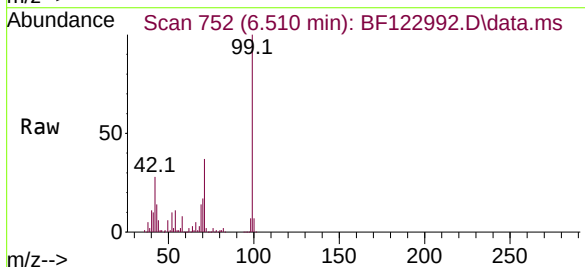
Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

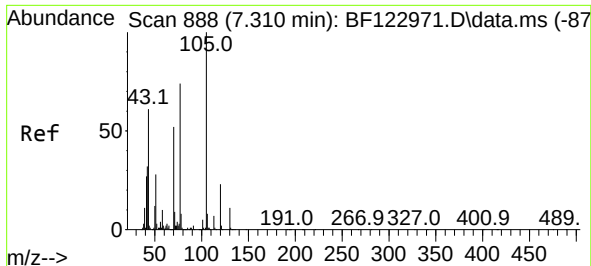
Tgt Ion: 99 Resp: 1503465  
Ion Ratio Lower Upper  
99 100  
42 27.5 13.8 20.6#  
71 37.7 26.9 40.3



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.510 min Scan# 752  
Delta R.T. 0.065 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion: 77 Resp: 2411  
Ion Ratio Lower Upper  
77 100  
105 0.0 80.6 120.6#  
106 0.0 77.2 117.2#



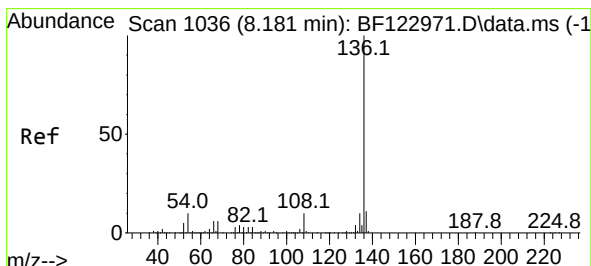
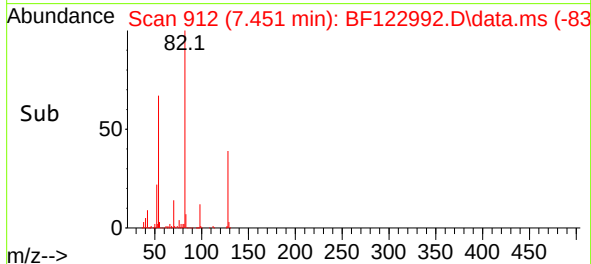
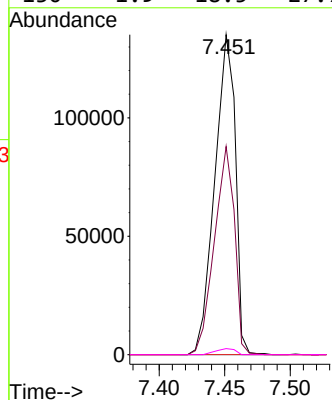
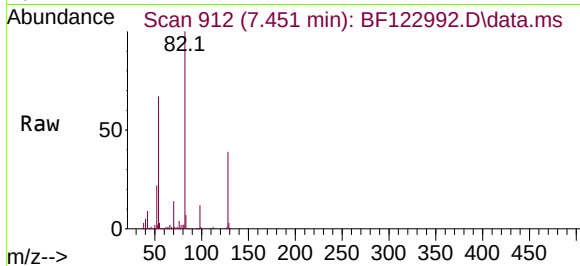


#19  
n-Nitroso-di-n-propylamine  
Concen: 17.21 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.141 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

Tgt Ion: 70 Resp: 147759

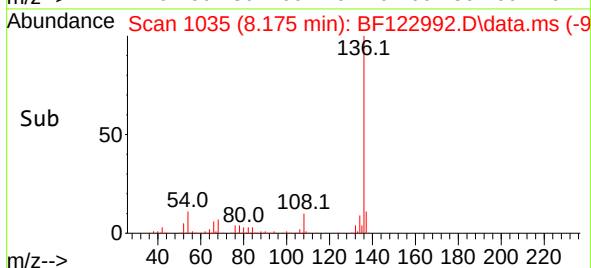
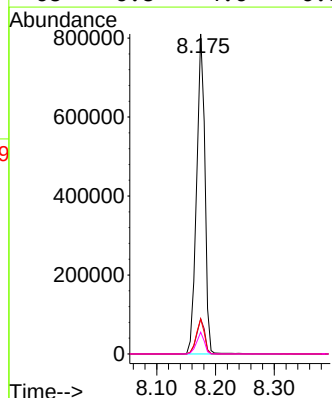
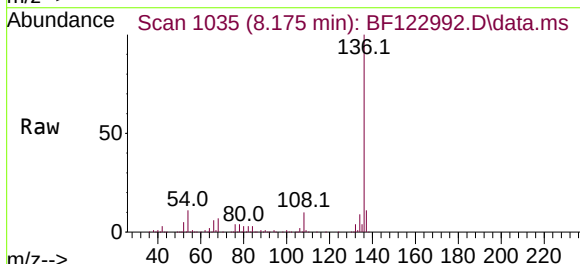
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 65.0  | 43.0  | 64.4# |
| 101 | 0.0   | 7.9   | 11.9# |
| 130 | 1.9   | 18.5  | 27.7# |

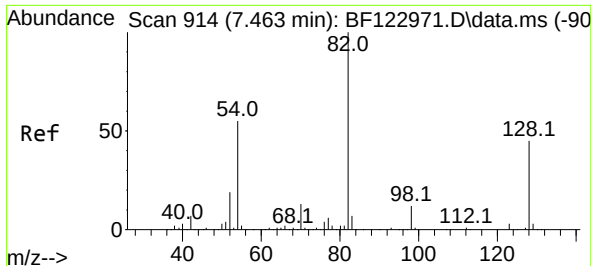


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion: 136 Resp: 790099

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 10.9  | 5.5   | 8.3#  |
| 68  | 6.8   | 4.6   | 6.8   |





#23

Nitrobenzene-d5

Concen: 69.33 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF122992.D

Acq: 18 Jan 2021 17:54

Tgt Ion: 82 Resp: 1064510

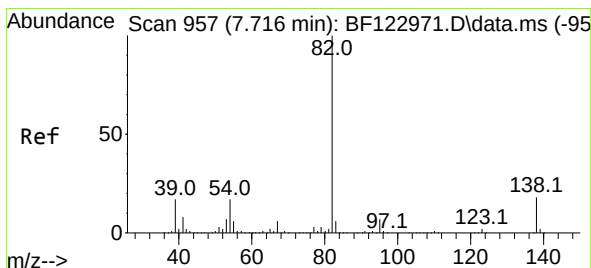
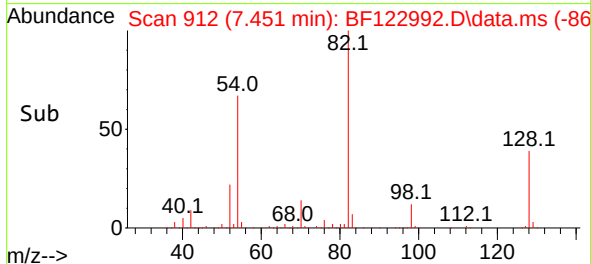
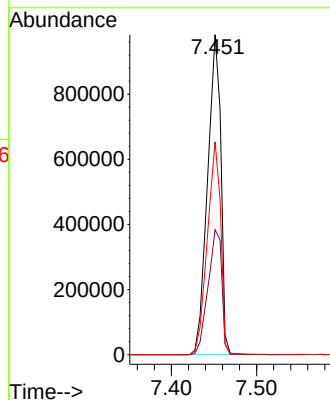
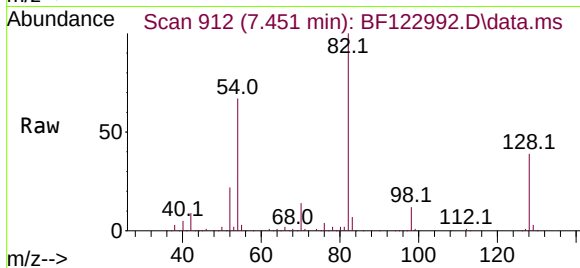
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.1  | 37.0  | 55.4  |
| 54  | 66.5  | 38.4  | 57.6# |

Instrument :

BNA\_F

ClientSampleId :

PB134201BL



#25

Isophorone

Concen: 38.76 ng

RT: 7.451 min Scan# 912

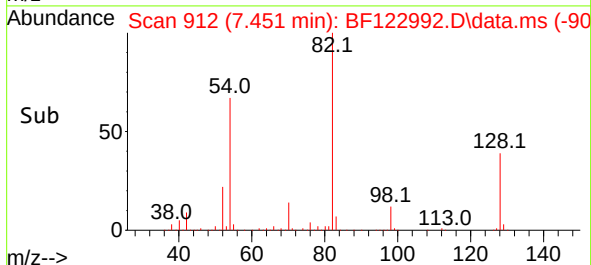
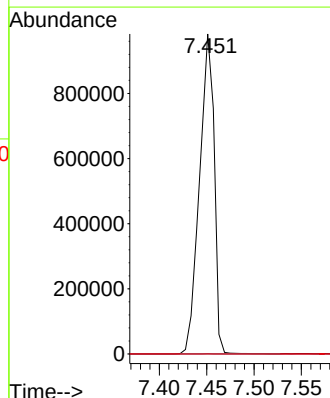
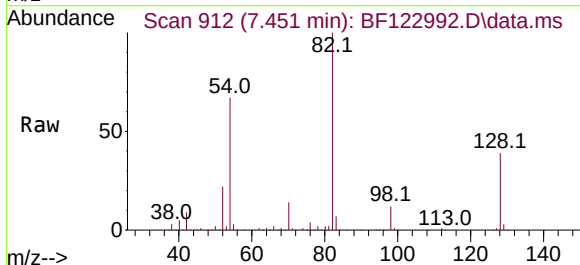
Delta R.T. -0.265 min

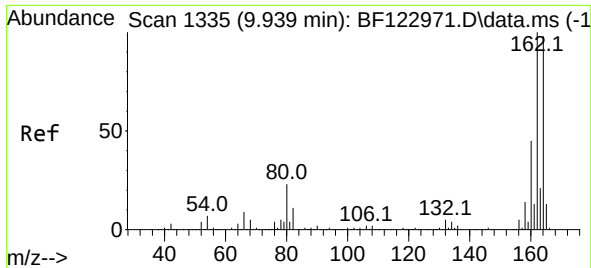
Lab File: BF122992.D

Acq: 18 Jan 2021 17:54

Tgt Ion: 82 Resp: 1061824

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 0.0   | 5.8   | 8.6#  |
| 138 | 0.0   | 14.6  | 21.8# |

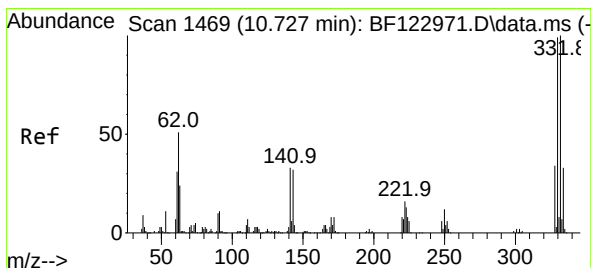
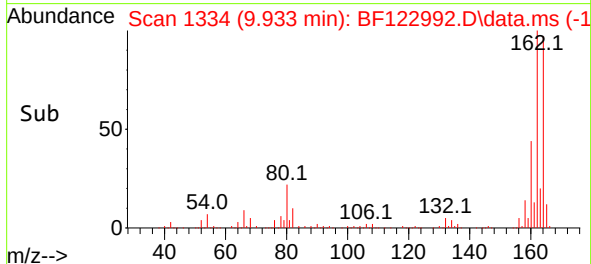
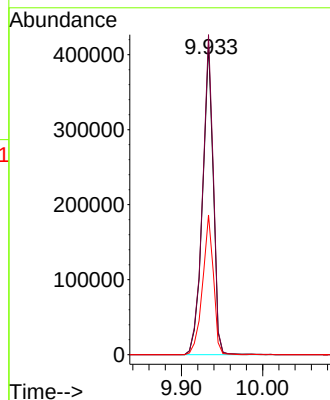
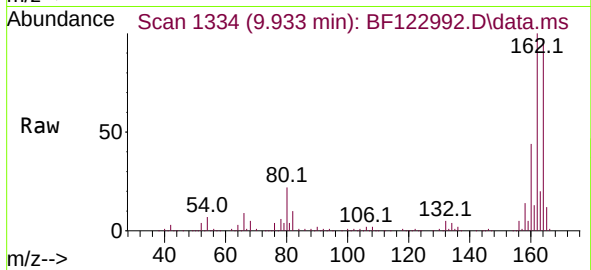




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

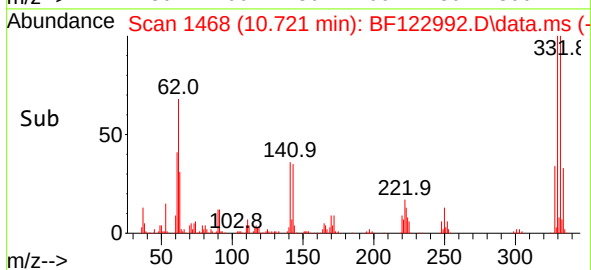
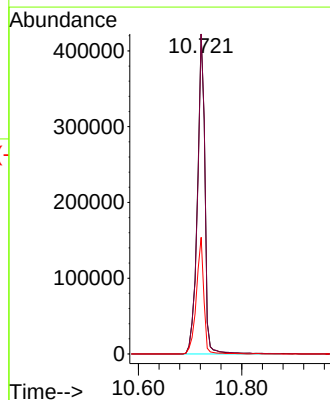
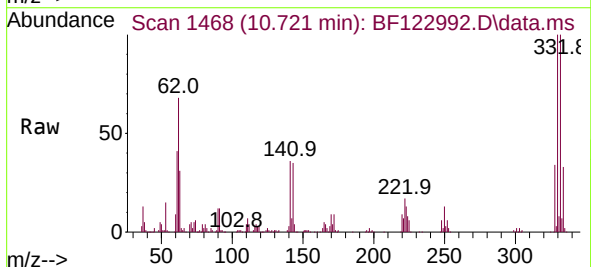
Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

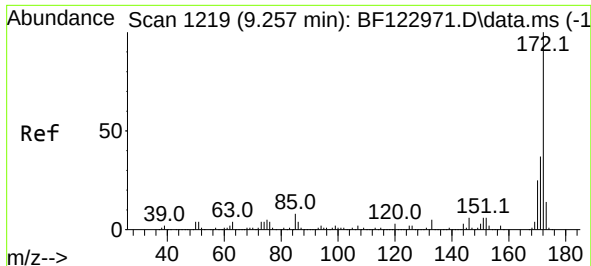
Tgt Ion:164 Resp: 379719  
Ion Ratio Lower Upper  
164 100  
162 102.9 80.8 121.2  
160 44.9 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 99.07 ng  
RT: 10.721 min Scan# 1468  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion:330 Resp: 425420  
Ion Ratio Lower Upper  
330 100  
332 99.2 77.5 116.3  
141 36.2 23.8 35.8#

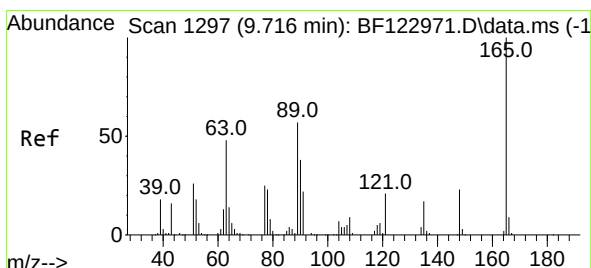
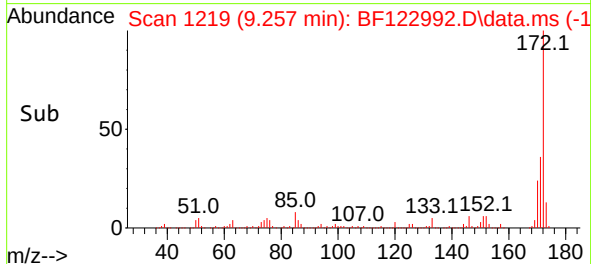
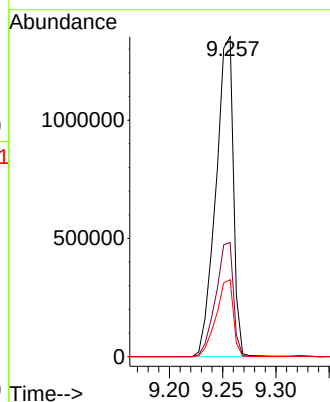
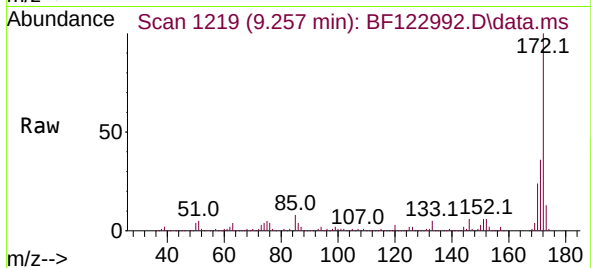




#45  
2-Fluorobiphenyl  
Concen: 56.90 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

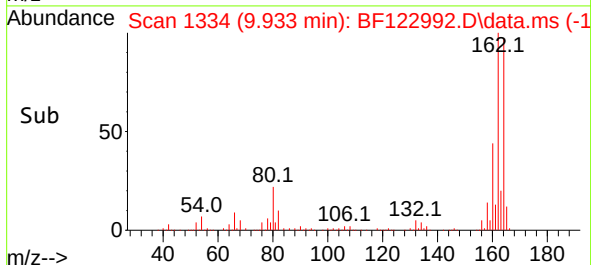
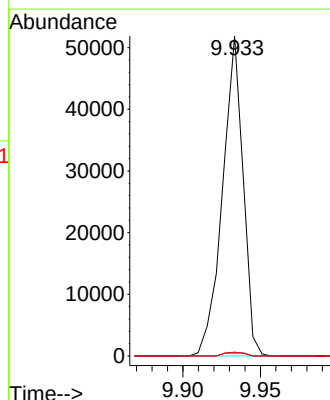
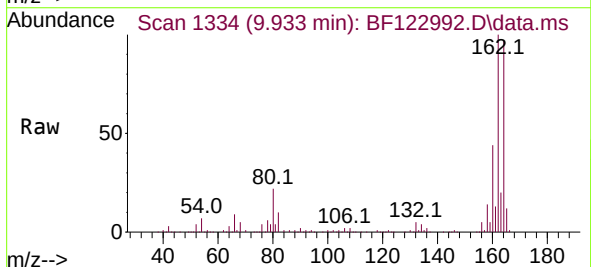
Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

Tgt Ion:172 Resp: 1543064  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.6 44.4  
170 24.1 19.5 29.3

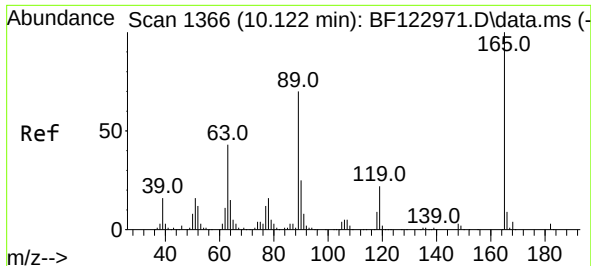


#51  
2,6-Dinitrotoluene  
Concen: 7.43 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.218 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion:165 Resp: 47900  
Ion Ratio Lower Upper  
165 100  
63 0.9 36.6 55.0#  
89 1.2 39.4 59.0#



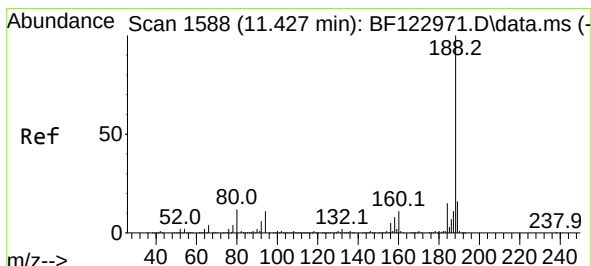
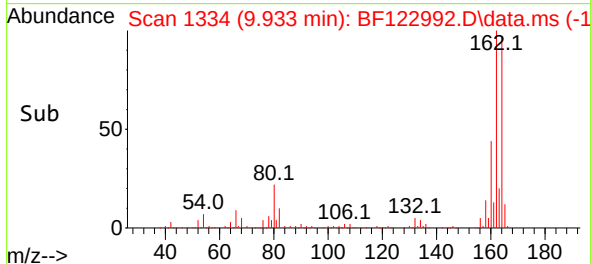
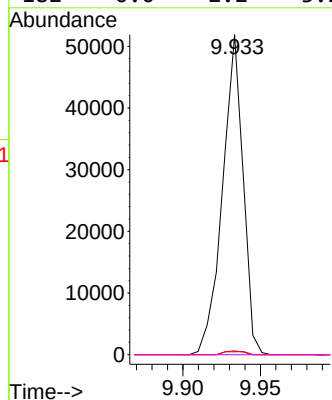
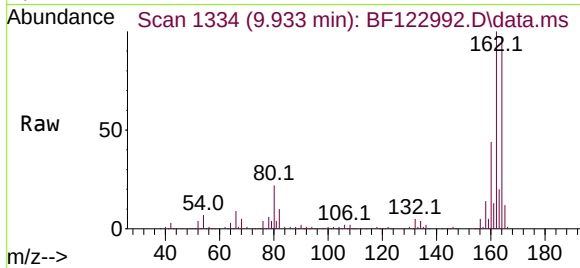




#57  
2,4-Dinitrotoluene  
Concen: 5.78 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.188 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

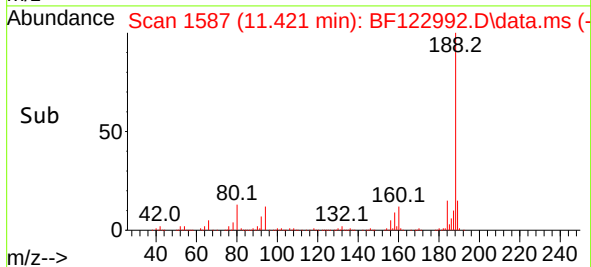
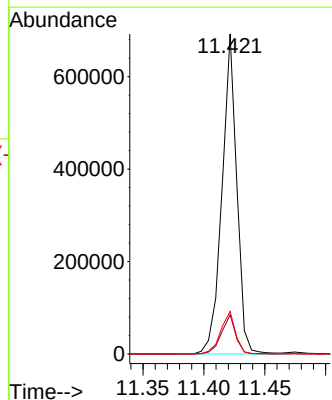
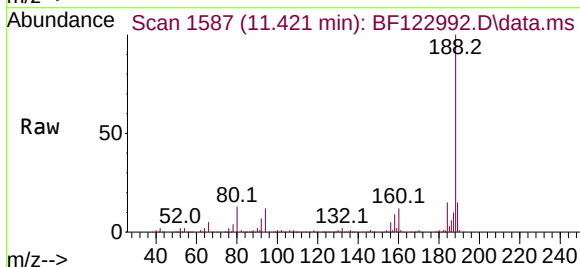
Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

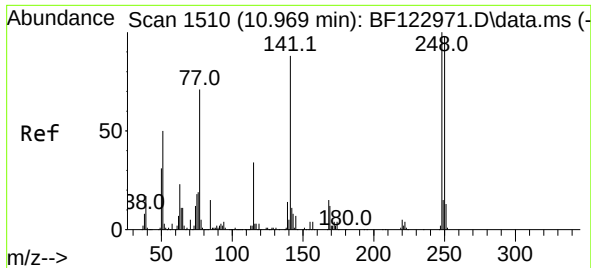
Tgt Ion:165 Resp: 47900  
Ion Ratio Lower Upper  
165 100  
63 0.9 34.3 51.5#  
89 1.2 55.2 82.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.421 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion:188 Resp: 587337  
Ion Ratio Lower Upper  
188 100  
94 12.3 7.4 11.2#  
80 13.3 8.2 12.4#

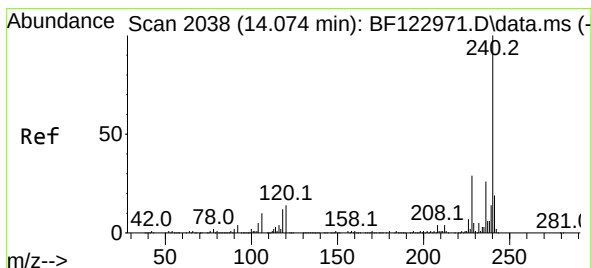
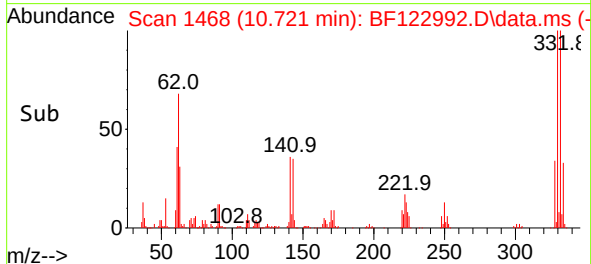
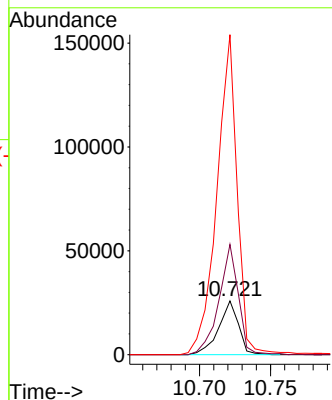
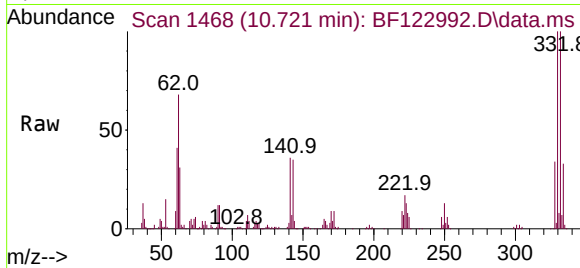




#67  
4-Bromophenyl-phenylether  
Concen: 3.50 ng  
RT: 10.721 min Scan# 1468  
Delta R.T. -0.247 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

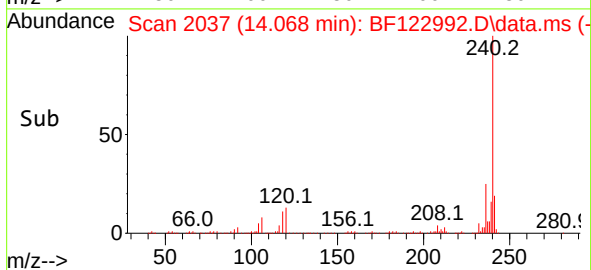
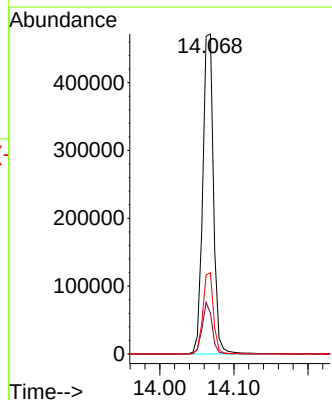
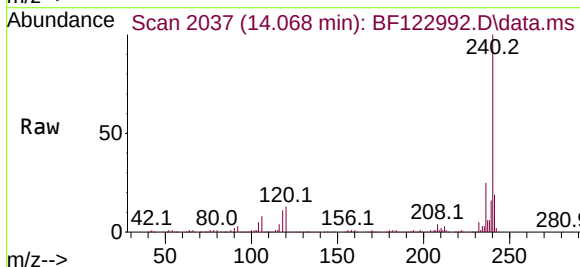
Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

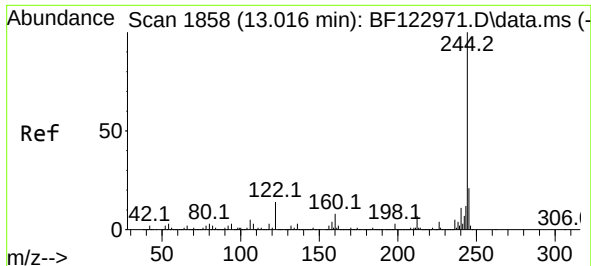
Tgt Ion:248 Resp: 25126  
Ion Ratio Lower Upper  
248 100  
250 205.4 76.8 115.2#  
141 595.6 59.8 89.8#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion:240 Resp: 473785  
Ion Ratio Lower Upper  
240 100  
120 12.8 8.6 12.8  
236 25.3 20.3 30.5

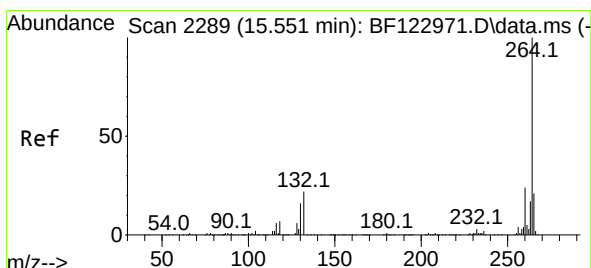
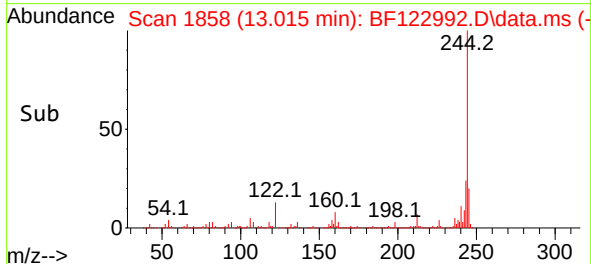
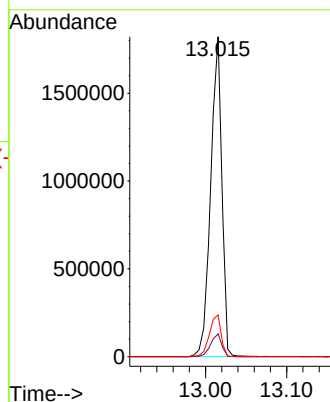
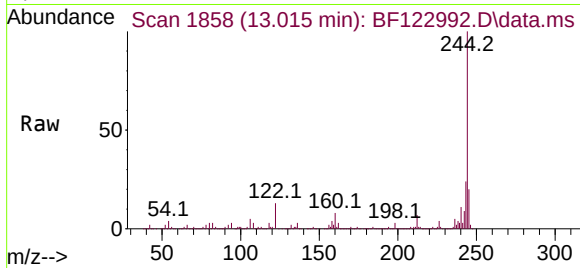




#79  
Terphenyl-d14  
Concen: 67.26 ng  
RT: 13.015 min Scan# 1858  
Delta R.T. -0.001 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB134201BL

Tgt Ion:244 Resp: 1738090  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 13.0 8.3 12.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BF122992.D  
Acq: 18 Jan 2021 17:54

Tgt Ion:264 Resp: 416482  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.6 28.0  
265 22.1 17.0 25.6

