

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081821\  
 Data File : BF125102.D  
 Acq On : 18 Aug 2021 22:59  
 Operator : JU/CG  
 Sample : M3449-17  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6

Quant Time: Aug 19 06:49:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 17:03:50 2021  
 Response via : Initial Calibration

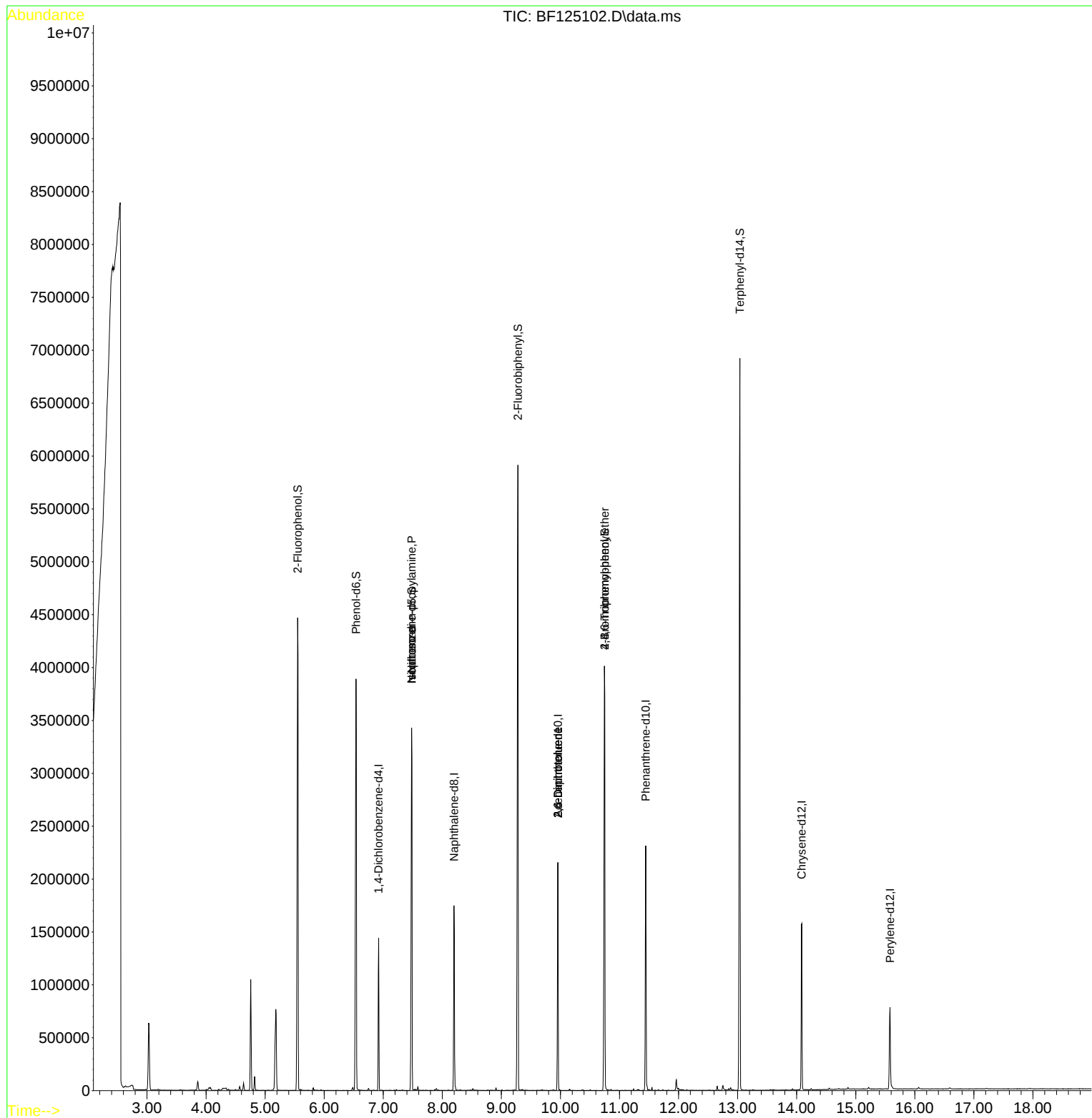
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 192029   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.198  | 136  | 757200   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.957  | 164  | 414458   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.445 | 188  | 787682   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 564409   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.580 | 264  | 358705   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.551  | 112  | 1315933  | 103.724 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.540  | 99   | 1500900  | 91.472  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 1245716  | 82.824  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 584355   | 141.244 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 2073638  | 69.732  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 2675821  | 75.527  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.481  | 70   | 171282   | 17.355  | ng    | # 60     |
| 25) Isophorone                | 7.481  | 82   | 1245548  | 42.928  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.957  | 165  | 53992    | 8.669   | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.957  | 165  | 53992    | 7.163   | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.751 | 248  | 35493    | 3.752   | ng    | # 1      |

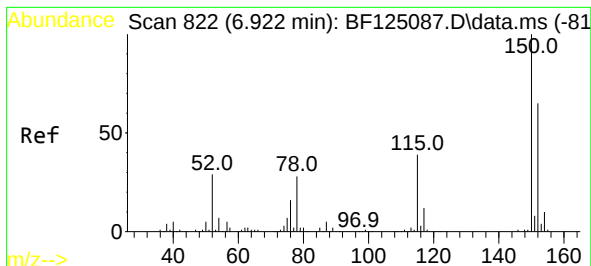
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 18 17:03:50 2021  
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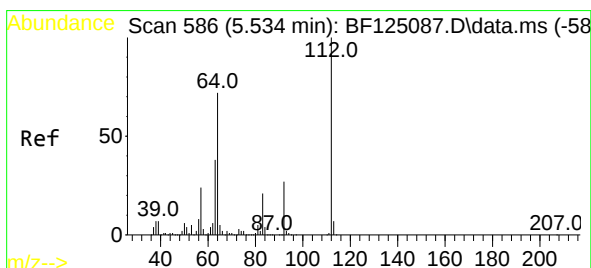
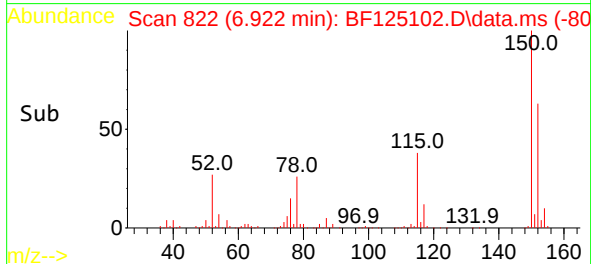
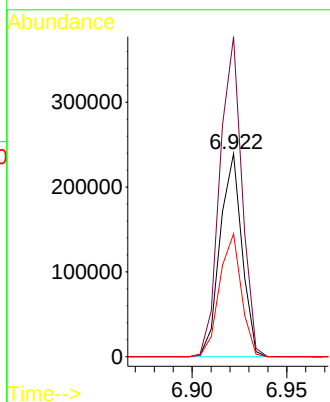
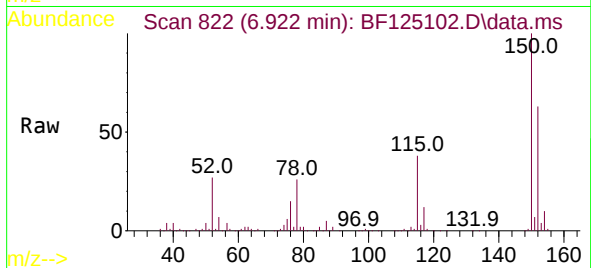




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.922 min Scan# 822  
Delta R.T. -0.000 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

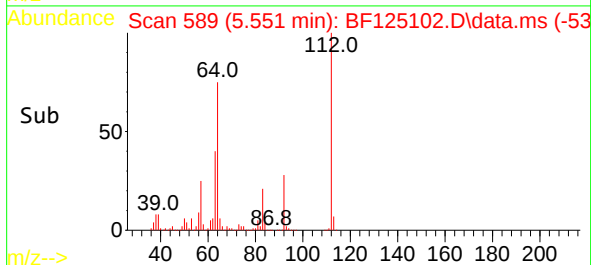
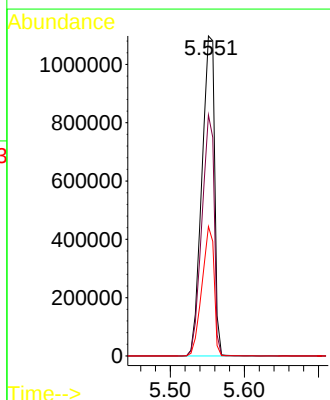
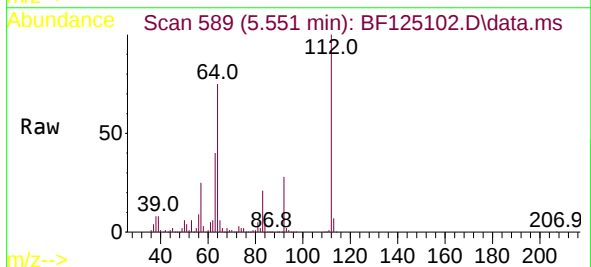
Instrument :  
BNA\_F  
ClientSampleId :  
TP6

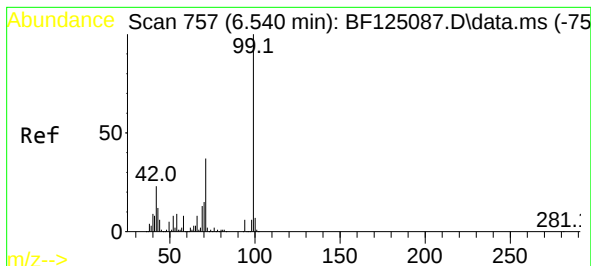
Tgt Ion:152 Resp: 192029  
Ion Ratio Lower Upper  
152 100  
150 157.6 117.6 176.4  
115 60.6 47.1 70.7



#5  
2-Fluorophenol  
Concen: 103.724 ng  
RT: 5.551 min Scan# 589  
Delta R.T. 0.018 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

Tgt Ion:112 Resp: 1315933  
Ion Ratio Lower Upper  
112 100  
64 75.3 44.2 66.2#  
63 40.4 26.2 39.2#

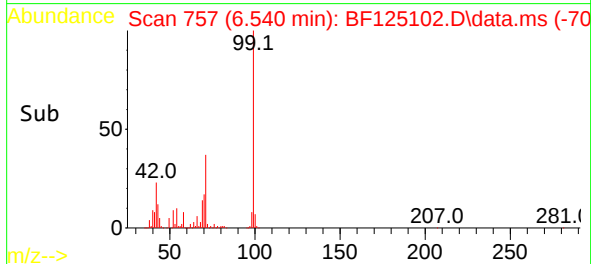
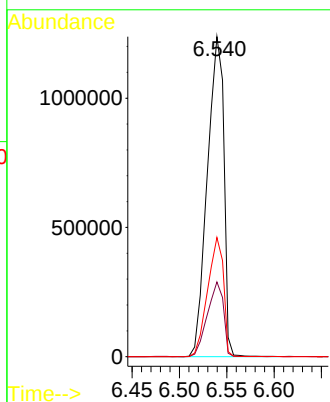
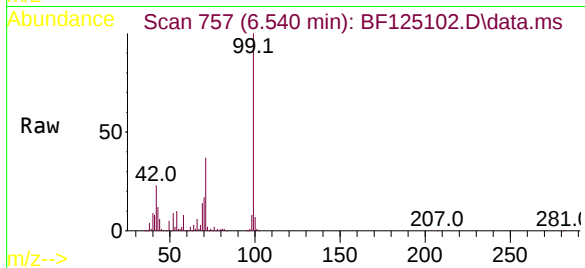




#7  
Phenol-d6  
Concen: 91.472 ng  
RT: 6.540 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

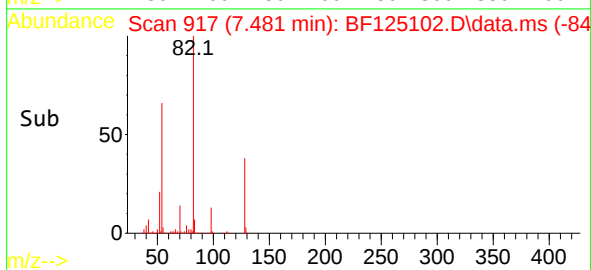
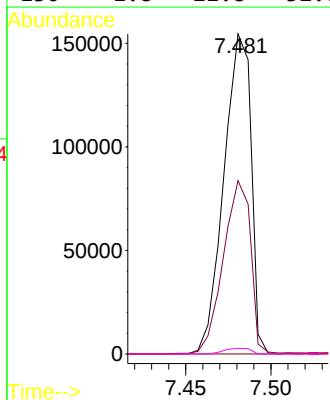
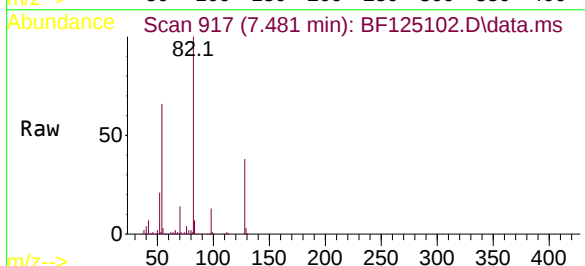
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BNA\_F  
ClientSampleId :  
TP6

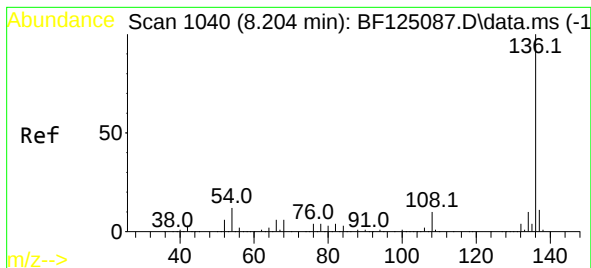
Tgt Ion: 99 Resp: 1500900  
Ion Ratio Lower Upper  
99 100  
42 23.3 23.5 35.3#  
71 37.2 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.355 ng  
RT: 7.481 min Scan# 917  
Delta R.T. 0.147 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

Tgt Ion: 70 Resp: 171282  
Ion Ratio Lower Upper  
70 100  
42 54.2 72.2 108.2#  
101 0.0 7.8 11.8#  
130 1.8 21.8 32.6#

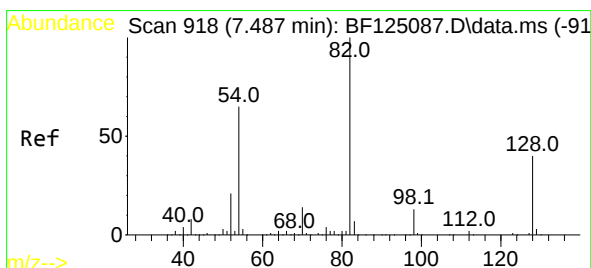
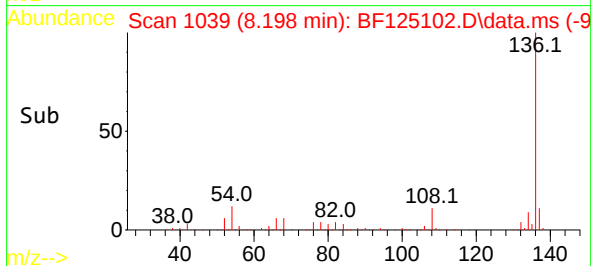
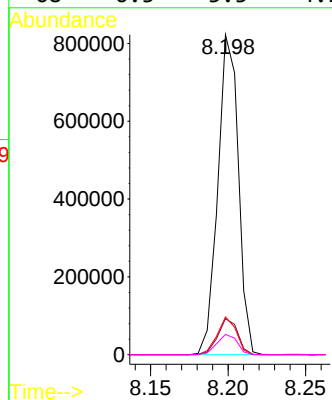
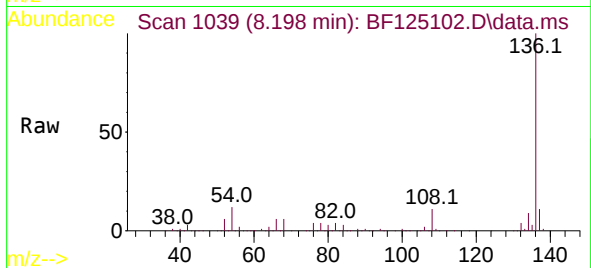




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

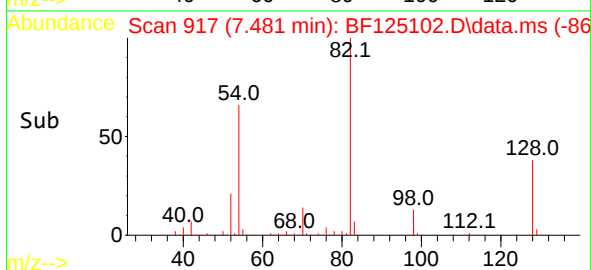
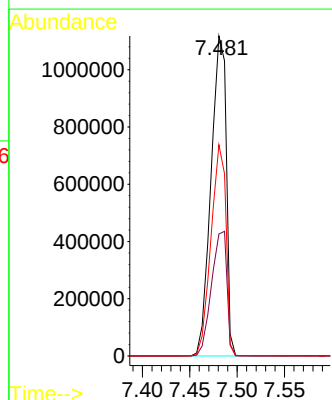
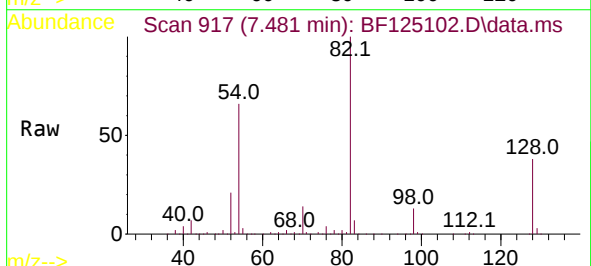
Instrument :  
BNA\_F  
ClientSampleId :  
TP6

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 757200 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.8   | 14.6   |
| 54       | 11.8  | 6.4   | 9.6#   |
| 68       | 6.3   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 82.824 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1245716 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 38.1  | 40.6  | 60.8#   |
| 54       | 66.0  | 49.6  | 74.4    |

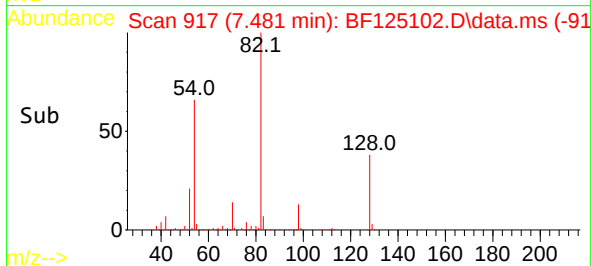
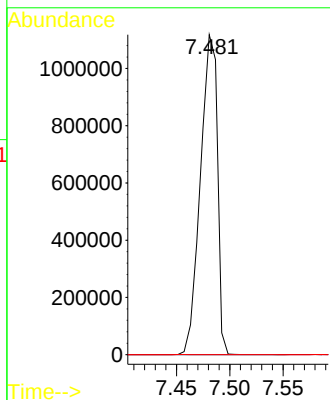
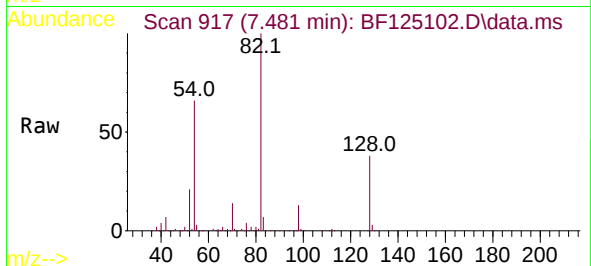




#25  
Isophorone  
Concen: 42.928 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.265 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

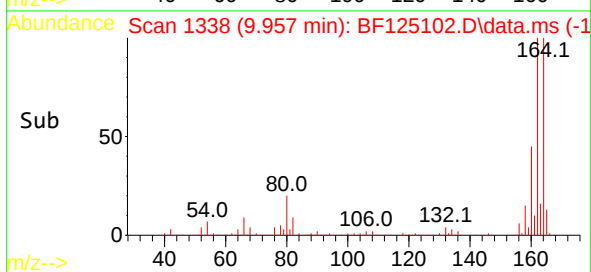
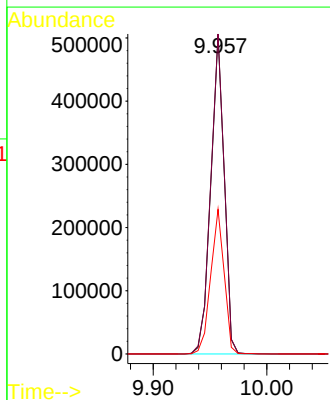
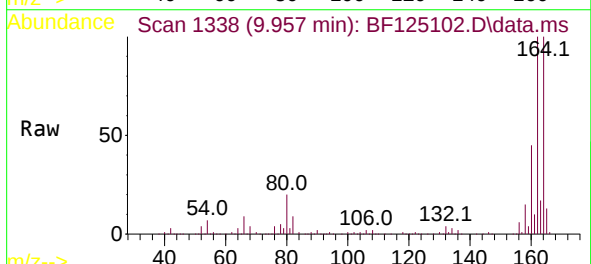
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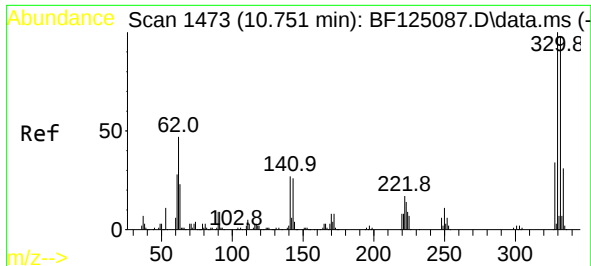
Tgt Ion: 82 Resp: 1245548  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

Tgt Ion:164 Resp: 414458  
Ion Ratio Lower Upper  
164 100  
162 100.1 81.3 121.9  
160 45.2 38.0 57.0

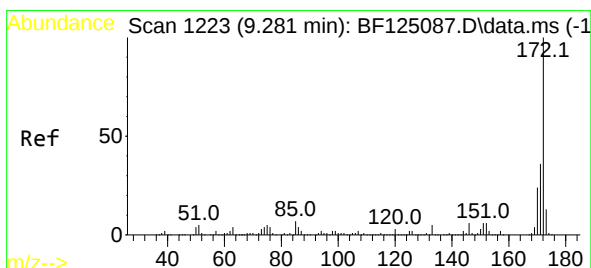
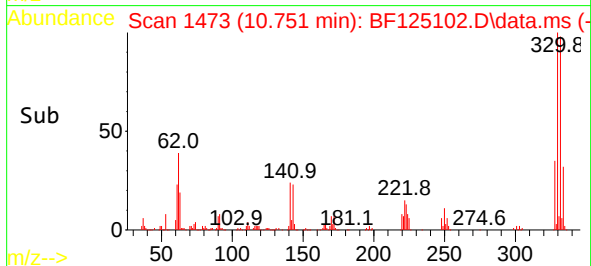
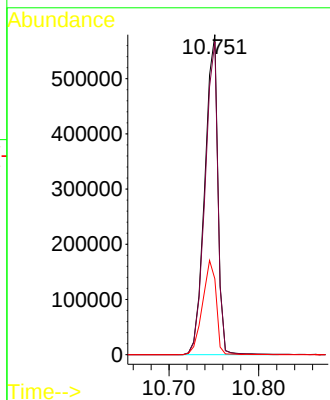
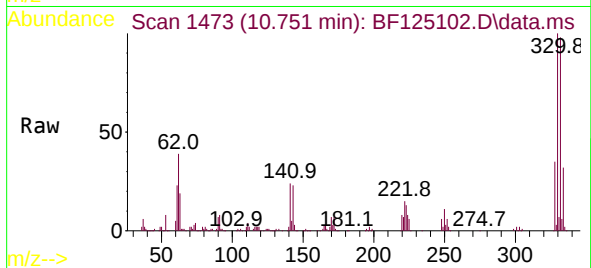




#42  
2,4,6-Tribromophenol  
Concen: 141.244 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

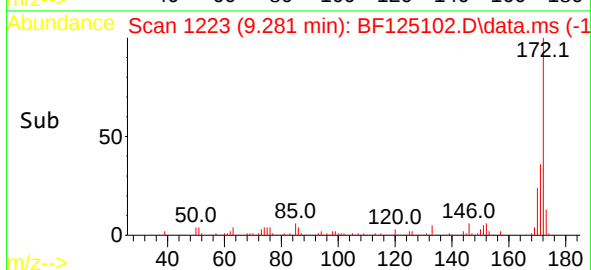
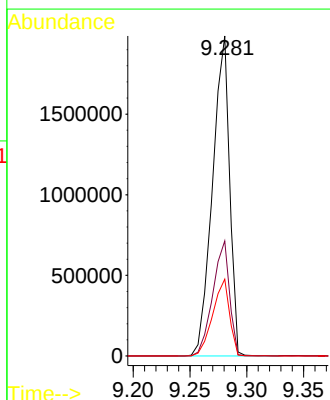
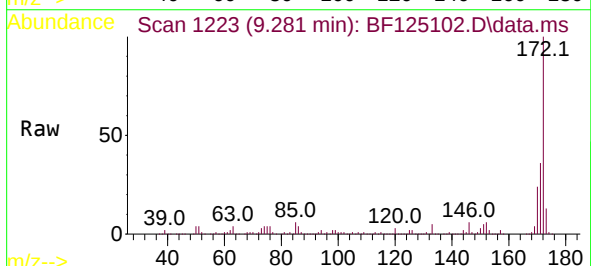
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BNA\_F  
ClientSampleId :  
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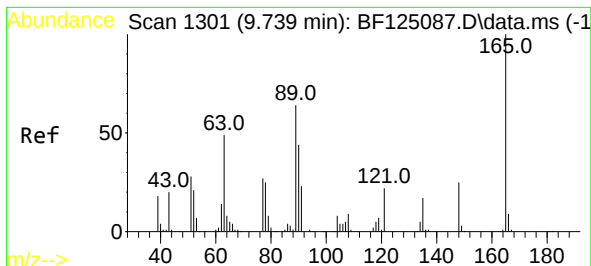
Tgt Ion:330 Resp: 584355  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.2 114.4  
141 30.8 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 69.732 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

Tgt Ion:172 Resp: 2073638  
Ion Ratio Lower Upper  
172 100  
171 35.9 26.5 39.7  
170 24.0 18.8 28.2

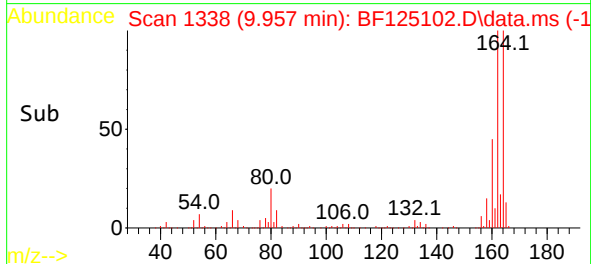
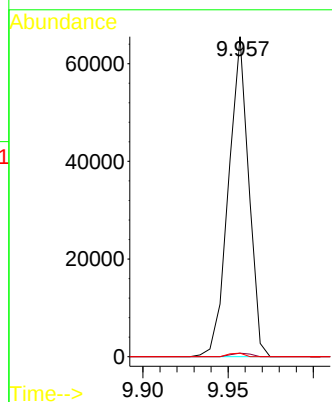
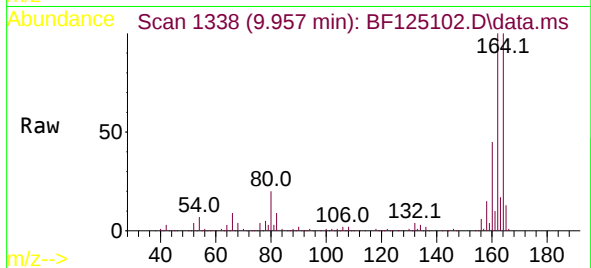




#51  
2,6-Dinitrotoluene  
Concen: 8.669 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.218 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

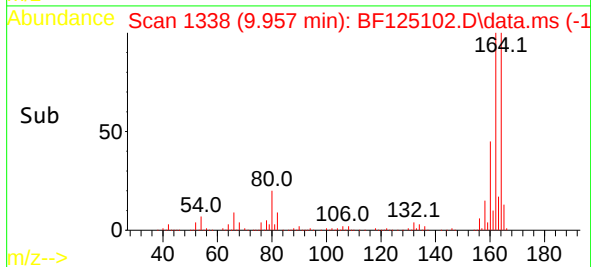
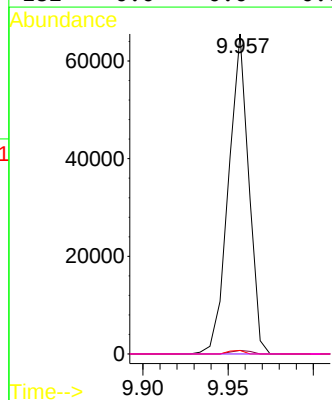
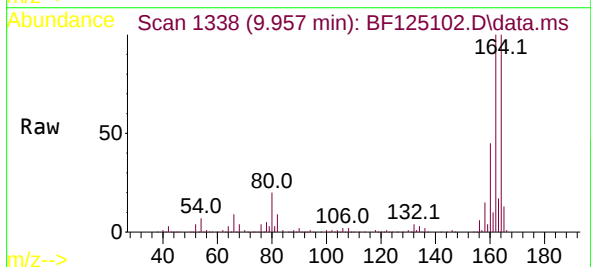
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BNA\_F  
ClientSampled :  
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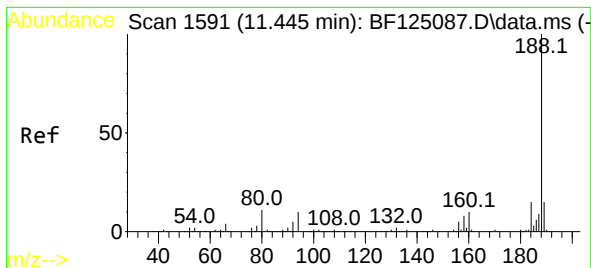
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Ion Ratio Lower Upper  
165 100  
63 1.1 42.6 63.8#  
89 1.1 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 7.163 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.188 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

Tgt Ion:165 Resp: 53992  
Ion Ratio Lower Upper  
165 100  
63 1.1 40.9 61.3#  
89 1.1 59.7 89.5#  
182 0.0 0.0 0.0

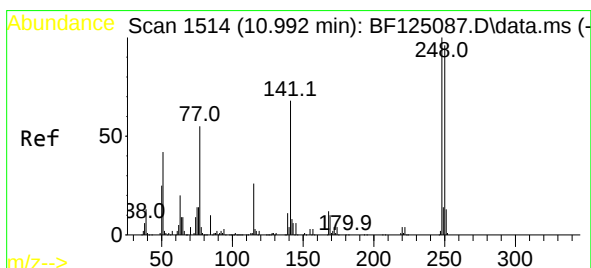
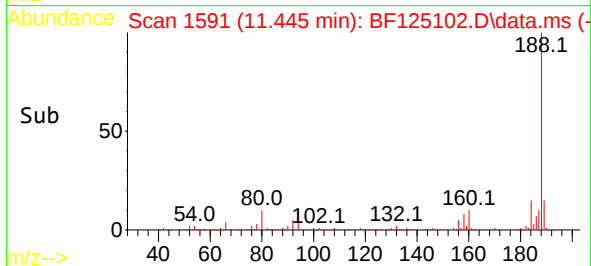
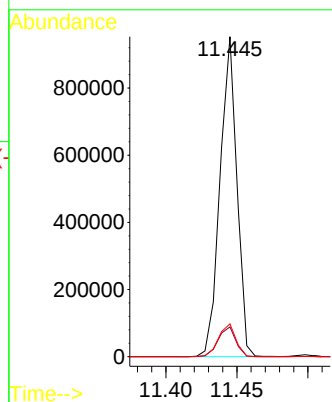
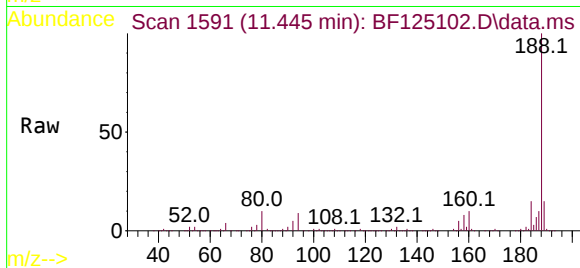




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

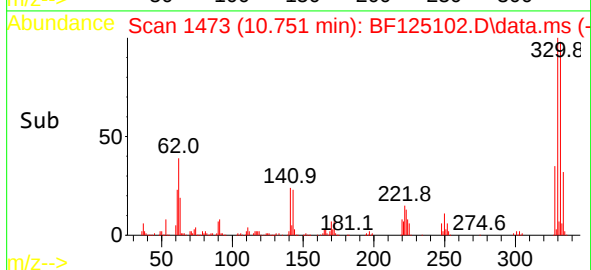
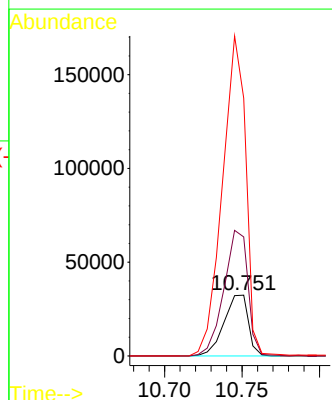
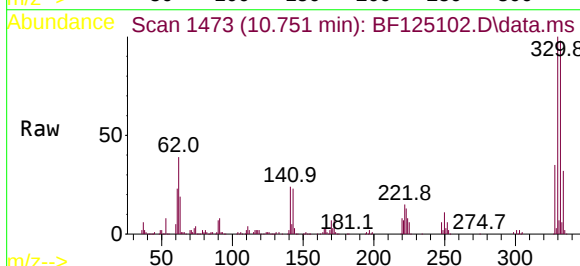
Instrument :  
BNA\_F  
ClientSampled :  
TP6

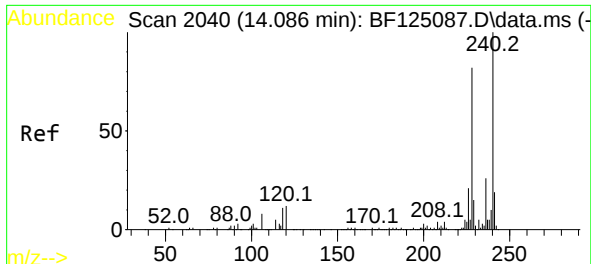
Tgt Ion:188 Resp: 787682  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.7 10.1  
80 10.3 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 3.752 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. -0.241 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

Tgt Ion:248 Resp: 35493  
Ion Ratio Lower Upper  
248 100  
250 195.6 74.2 111.4#  
141 423.8 60.4 90.6#

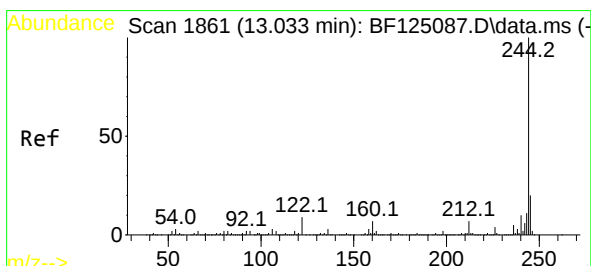
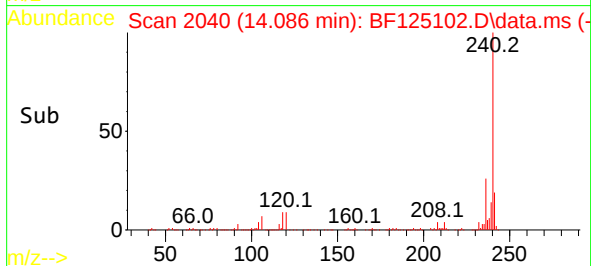
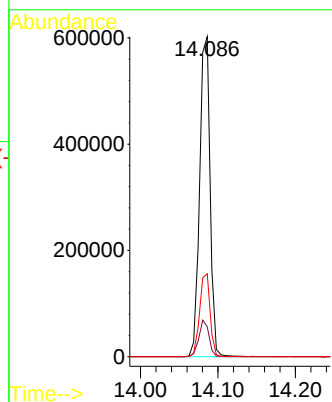
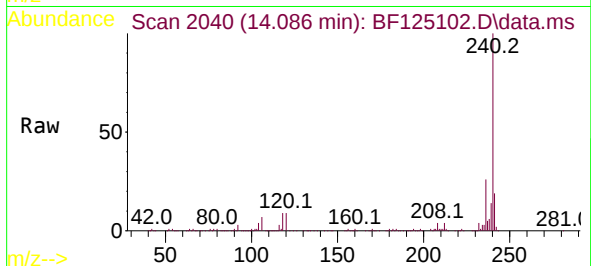




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

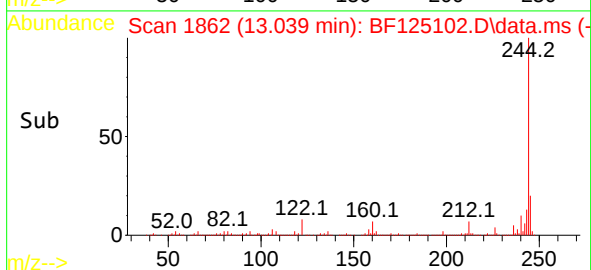
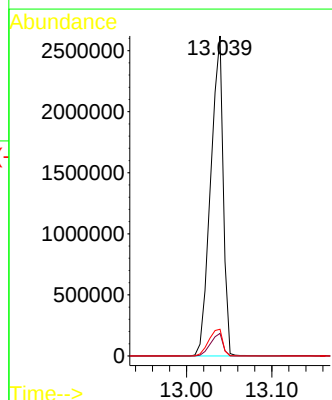
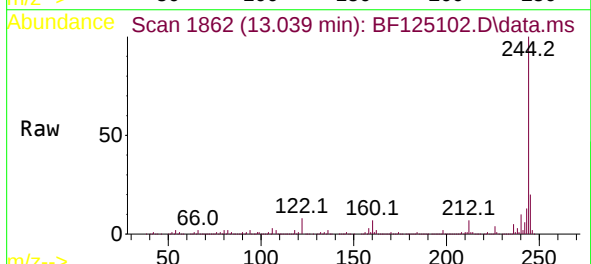
Instrument :  
BNA\_F  
ClientSampleId :  
TP6

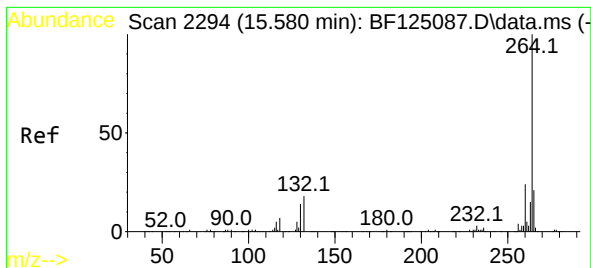
Tgt Ion:240 Resp: 564409  
Ion Ratio Lower Upper  
240 100  
120 9.4 10.8 16.2#  
236 25.9 21.6 32.4



#79  
Terphenyl-d14  
Concen: 75.527 ng  
RT: 13.039 min Scan# 1862  
Delta R.T. 0.006 min  
Lab File: BF125102.D  
Acq: 18 Aug 2021 22:59

Tgt Ion:244 Resp: 2675821  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 8.3 9.0 13.4#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.580 min Scan# 2294  
 Delta R.T. 0.000 min  
 Lab File: BF125102.D  
 Acq: 18 Aug 2021 22:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP6

Tgt Ion:264 Resp: 358705  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.6 29.4  
 265 20.8 17.2 25.8

