

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080921\  
 Data File : BF125009.D  
 Acq On : 9 Aug 2021 19:22  
 Operator : JU/CG  
 Sample : M3299-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20210560-COM-33

Quant Time: Aug 10 04:45:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 09 11:03:44 2021  
 Response via : Initial Calibration

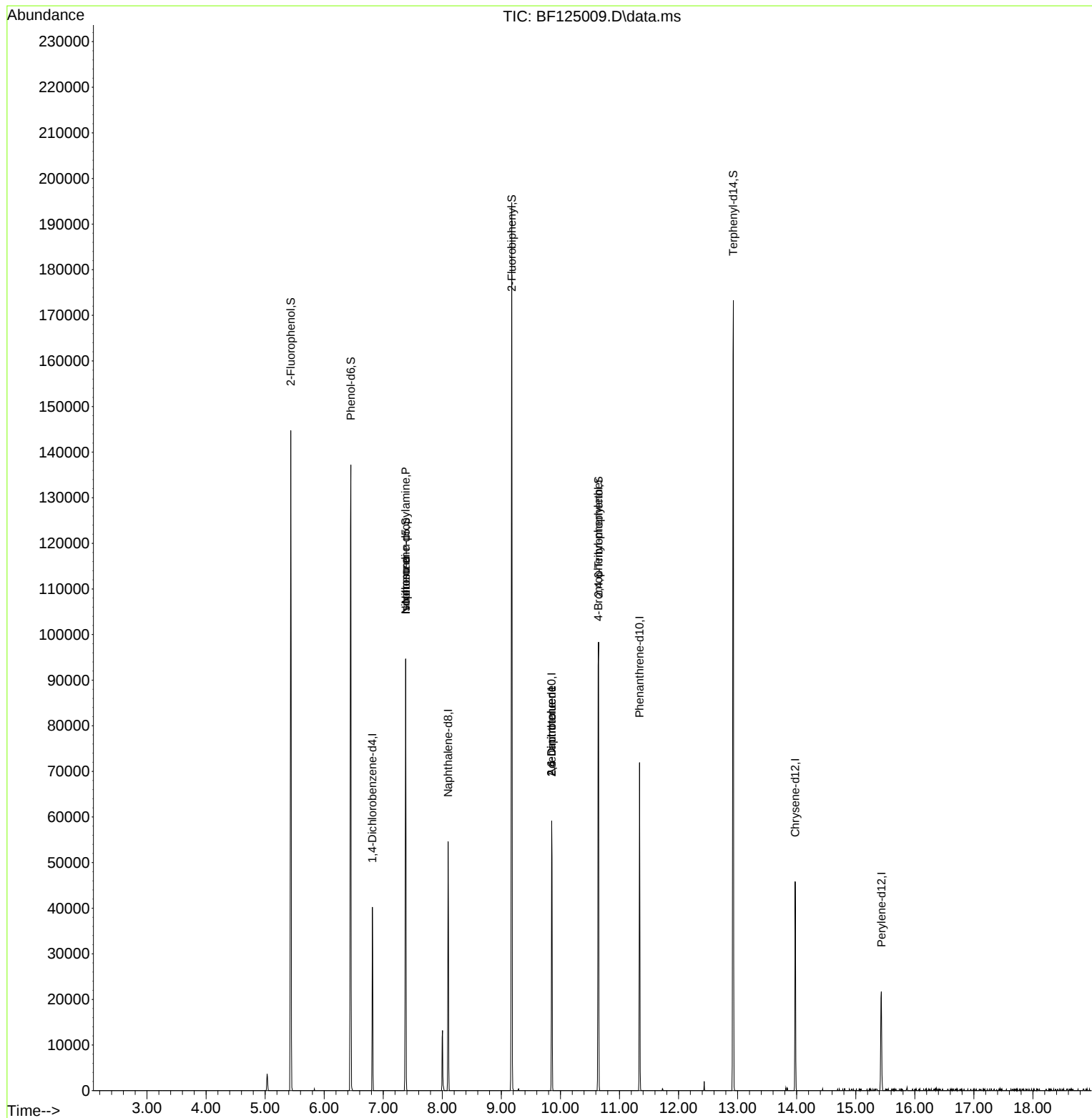
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 5947     | 20.00 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 8.098  | 136  | 22835    | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.851  | 164  | 12228    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.339 | 188  | 23645    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 16124    | 20.00 | ng    | -0.01    |
| 86) Perylene-d12              | 15.433 | 264  | 11636    | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 35903    | 98.90 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.451  | 99   | 43506    | 95.04 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 27719    | 63.50 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 10485    | 95.98 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.175  | 172  | 54883    | 65.67 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 60777    | 63.58 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.381  | 70   | 3564     | 13.12 | ng    | # 70     |
| 25) Isophorone                | 7.381  | 82   | 27718    | 37.20 | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.851  | 165  | 1563     | 8.47  | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.851  | 165  | 1563     | 6.24  | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.639 | 248  | 731      | 2.82  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

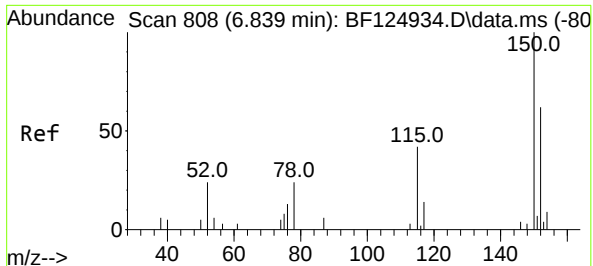
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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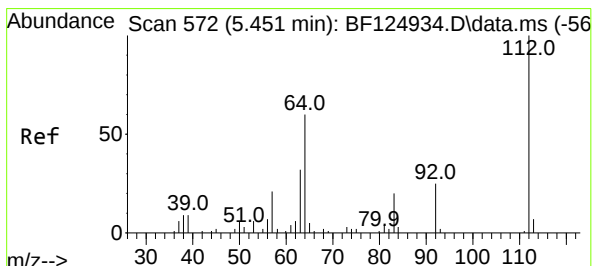
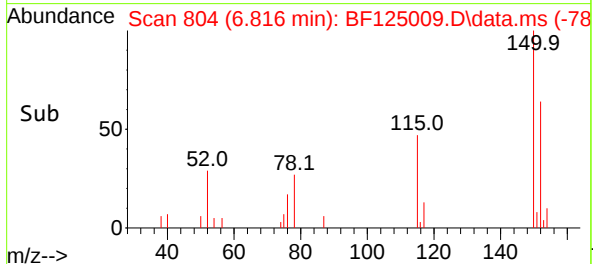
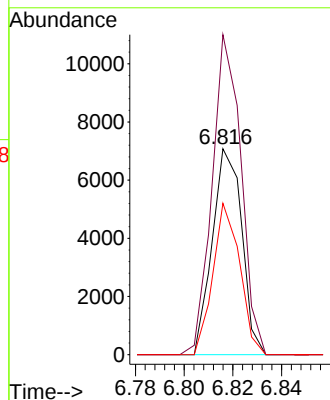
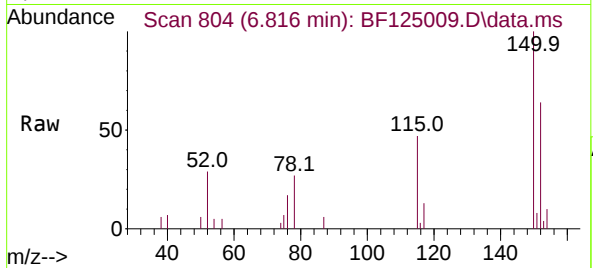




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

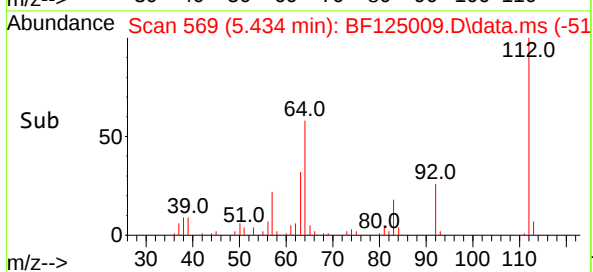
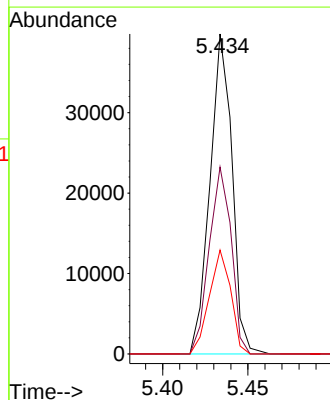
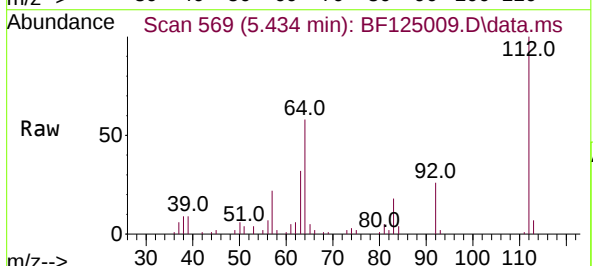
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ClientSampleId :  
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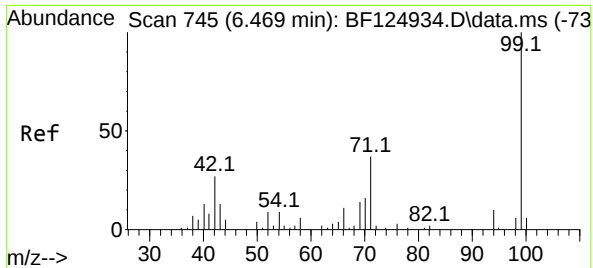
Tgt Ion:152 Resp: 5947  
Ion Ratio Lower Upper  
152 100  
150 155.3 117.6 176.4  
115 73.4 47.1 70.7#



#5  
2-Fluorophenol  
Concen: 98.90 ng  
RT: 5.434 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

Tgt Ion:112 Resp: 35903  
Ion Ratio Lower Upper  
112 100  
64 58.4 44.2 66.2  
63 32.5 26.2 39.2

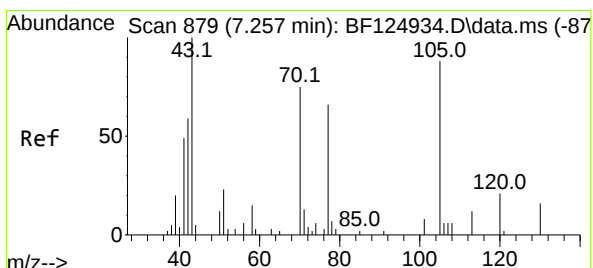
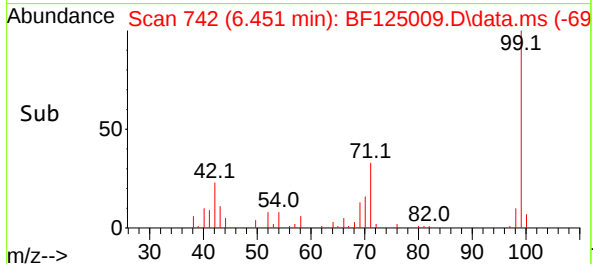
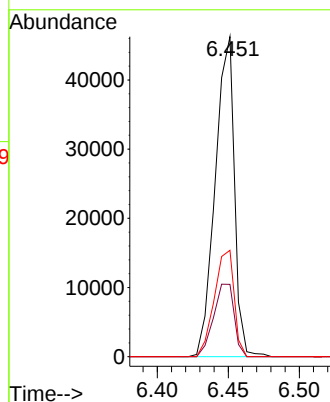
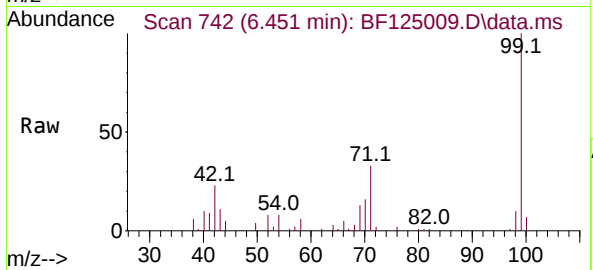




#7  
Phenol-d6  
Concen: 95.04 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.006 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

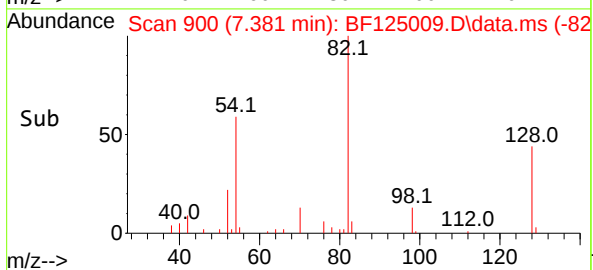
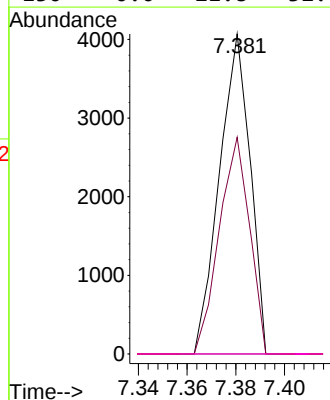
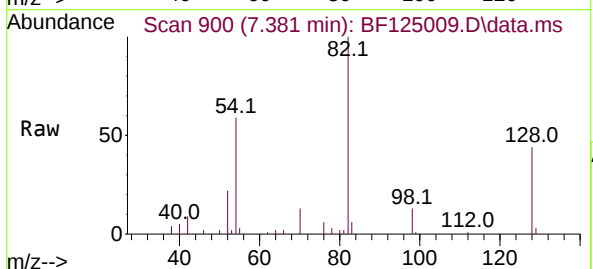
Instrument :  
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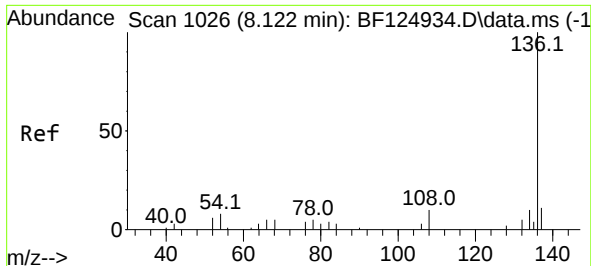
Tgt Ion: 99 Resp: 43506  
Ion Ratio Lower Upper  
99 100  
42 22.6 23.5 35.3#  
71 33.3 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.12 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.141 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

Tgt Ion: 70 Resp: 3564  
Ion Ratio Lower Upper  
70 100  
42 67.7 72.2 108.2#  
101 0.0 7.8 11.8#  
130 0.0 21.8 32.6#

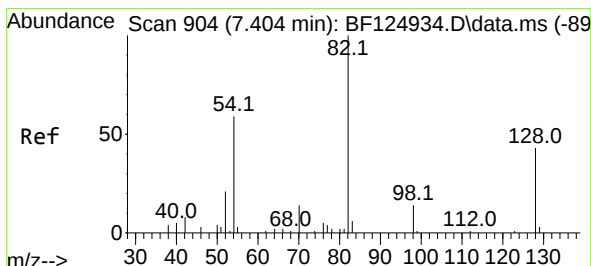
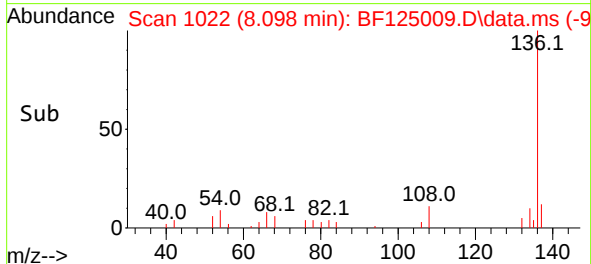
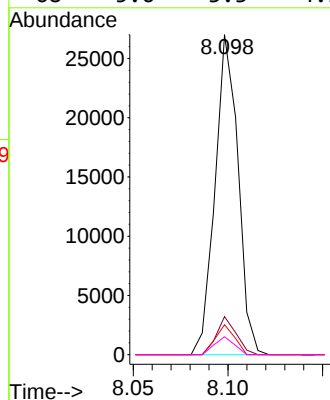
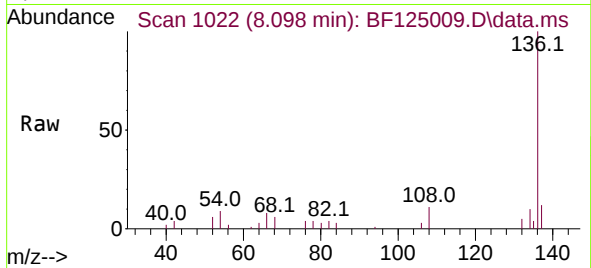




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

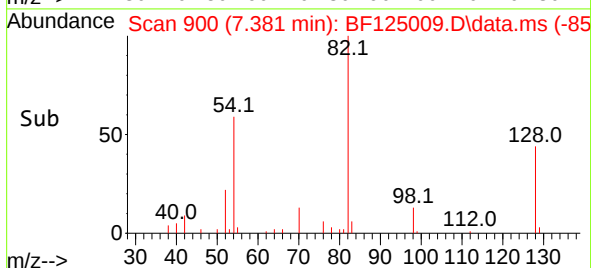
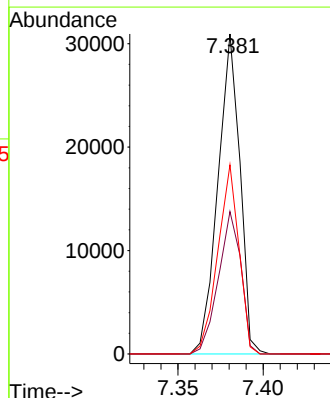
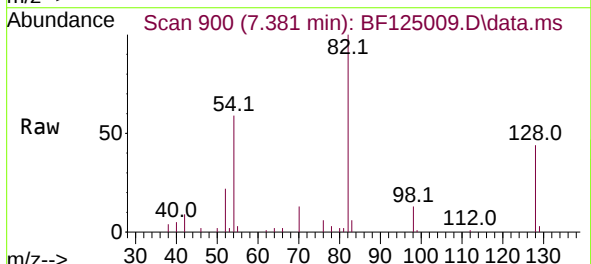
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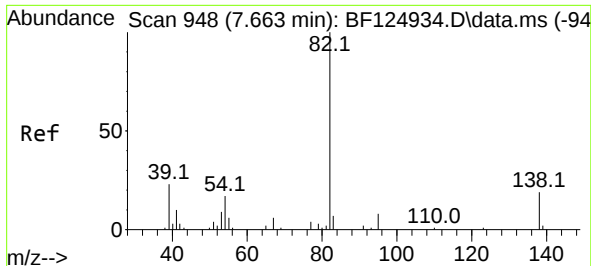
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 22835    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.9  | 9.8 14.6 |
| 54          | 9.3   | 6.4 9.6  |
| 68          | 5.6   | 3.3 4.9  |



#23  
Nitrobenzene-d5  
Concen: 63.50 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.012 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 27719     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 44.5  | 40.6 60.8 |
| 54          | 59.1  | 49.6 74.4 |

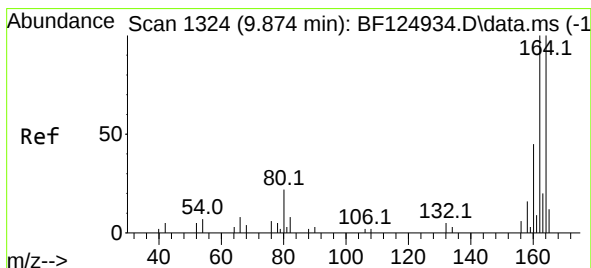
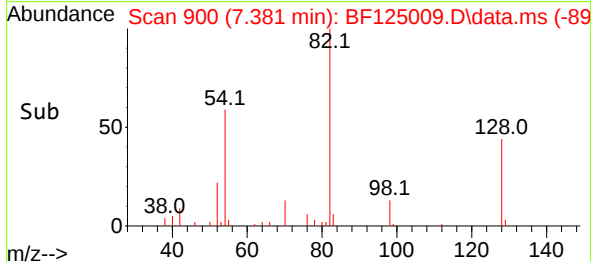
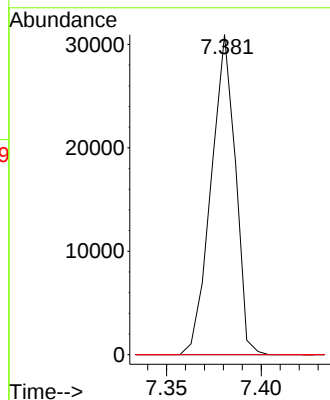
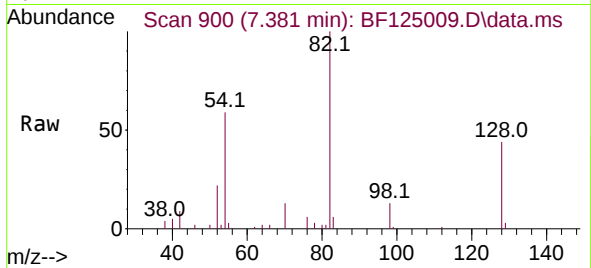




#25  
Isophorone  
Concen: 37.20 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.265 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

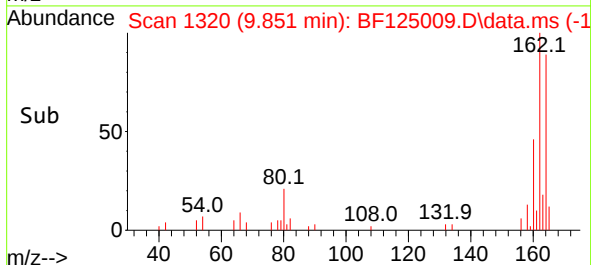
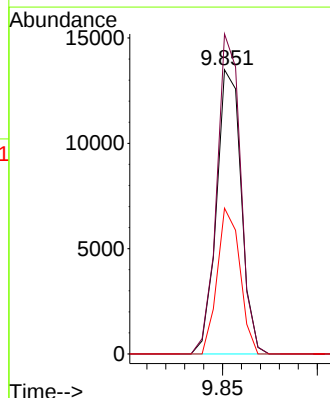
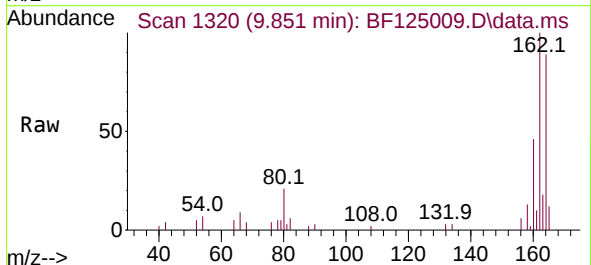
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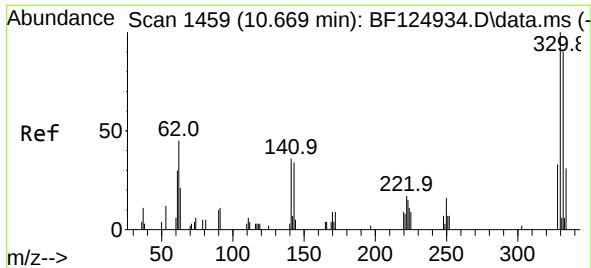
Tgt Ion: 82 Resp: 27718  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.012 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

Tgt Ion: 164 Resp: 12228  
Ion Ratio Lower Upper  
164 100  
162 112.6 81.3 121.9  
160 51.3 38.0 57.0

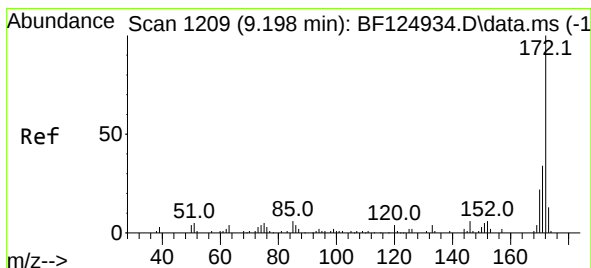
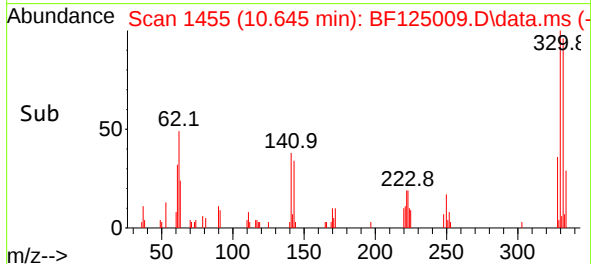
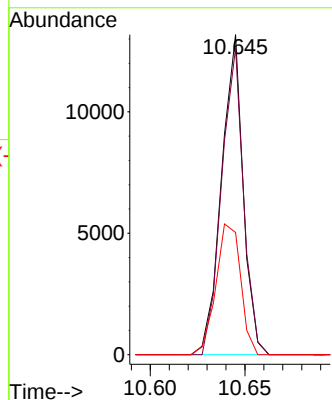
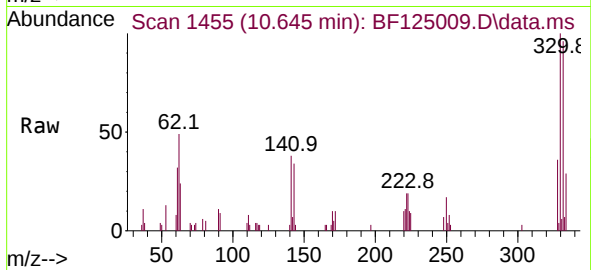




#42  
2,4,6-Tribromophenol  
Concen: 95.98 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

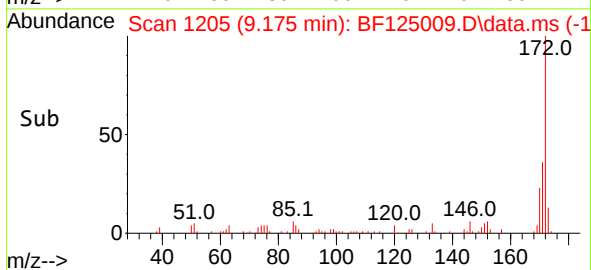
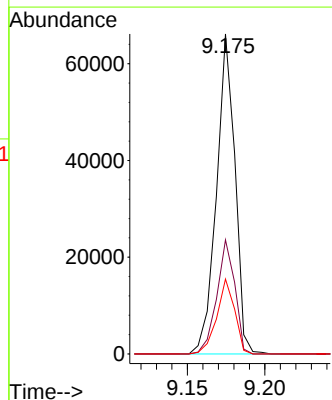
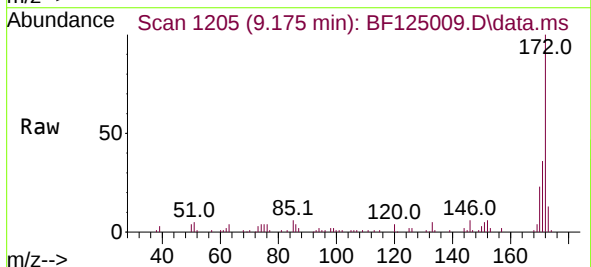
Instrument :  
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20210560-COM-33

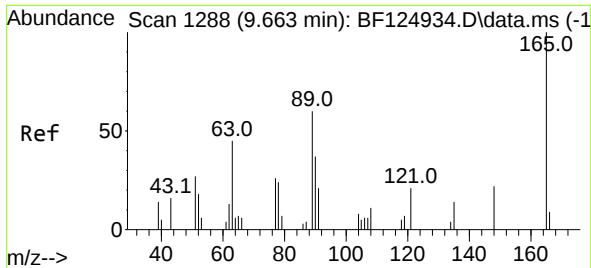
Tgt Ion:330 Resp: 10485  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.2 114.4  
141 46.6 44.6 66.8



#45  
2-Fluorobiphenyl  
Concen: 65.67 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

Tgt Ion:172 Resp: 54883  
Ion Ratio Lower Upper  
172 100  
171 35.7 26.5 39.7  
170 23.4 18.8 28.2

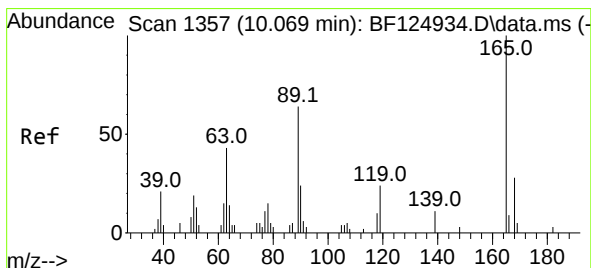
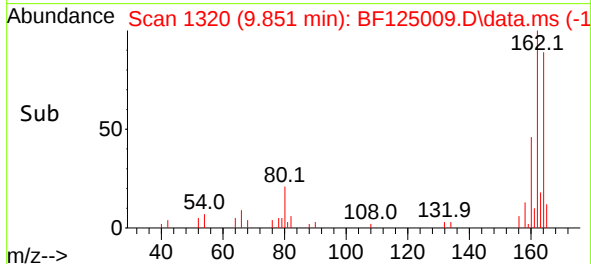
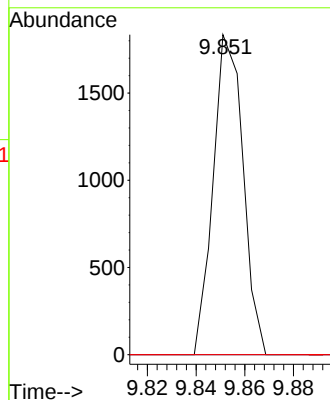
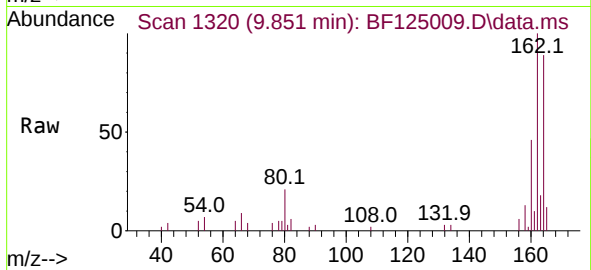




#51  
2,6-Dinitrotoluene  
Concen: 8.47 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. 0.206 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

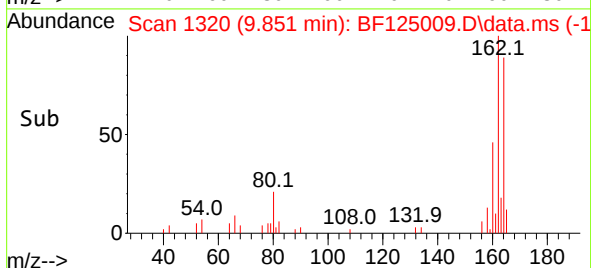
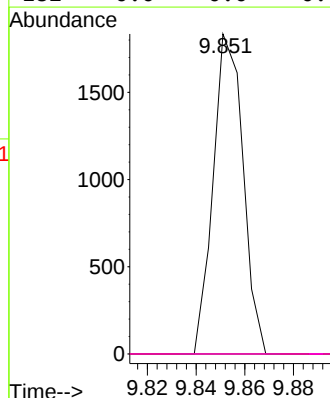
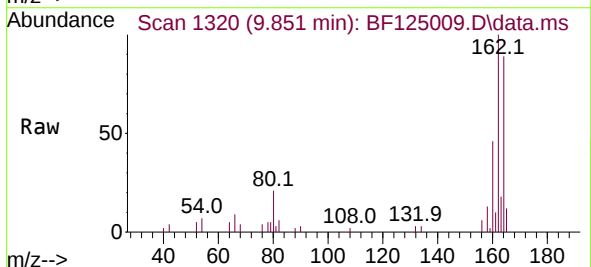
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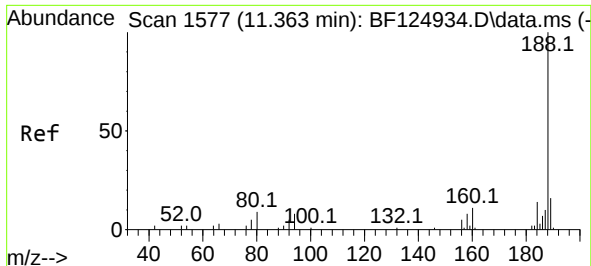
Tgt Ion:165 Resp: 1563  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.24 ng  
RT: 9.851 min Scan# 1320  
Delta R.T. -0.200 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

Tgt Ion:165 Resp: 1563  
Ion Ratio Lower Upper  
165 100  
63 0.0 40.9 61.3#  
89 0.0 59.7 89.5#  
182 0.0 0.0 0.0

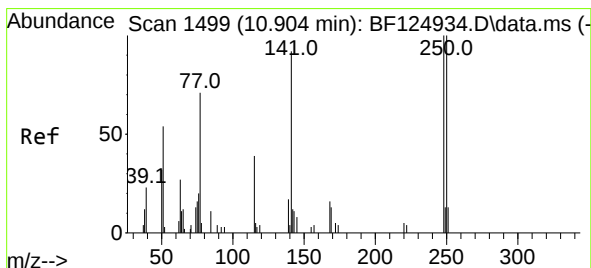
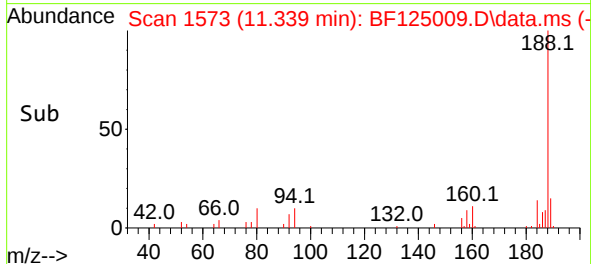
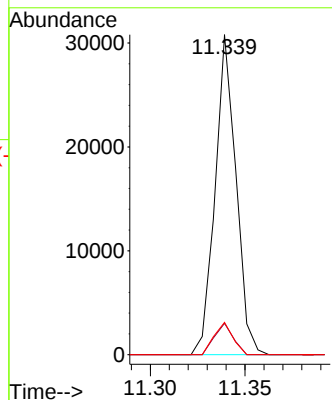
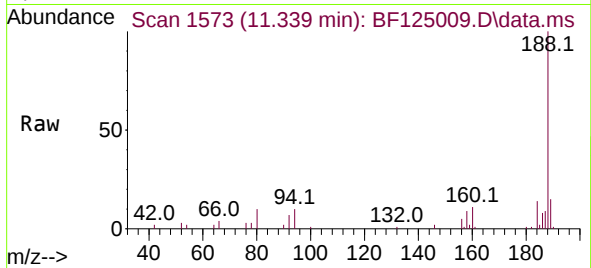




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

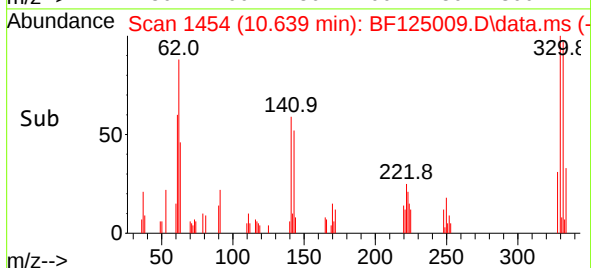
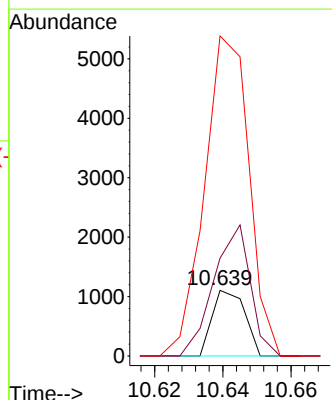
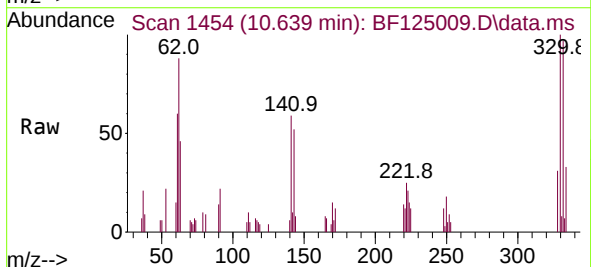
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BNA\_F  
ClientSampleId :  
20210560-COM-33

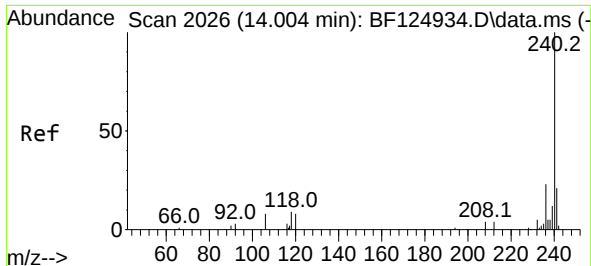
Tgt Ion:188 Resp: 23645  
Ion Ratio Lower Upper  
188 100  
94 9.8 6.7 10.1  
80 10.1 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.82 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.247 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

Tgt Ion:248 Resp: 731  
Ion Ratio Lower Upper  
248 100  
250 190.0 74.2 111.4#  
141 487.4 60.4 90.6#

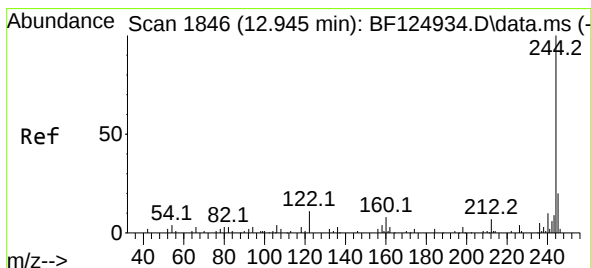
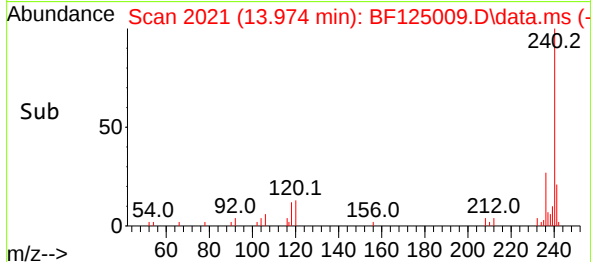
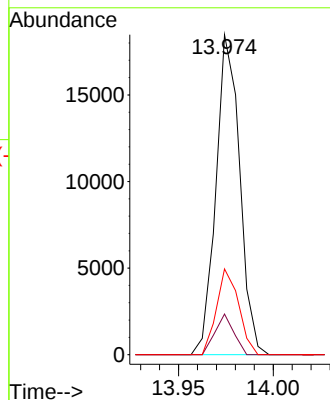
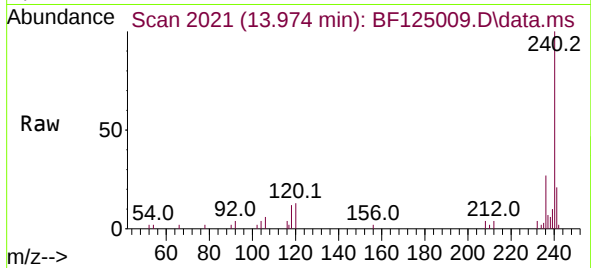




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.012 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

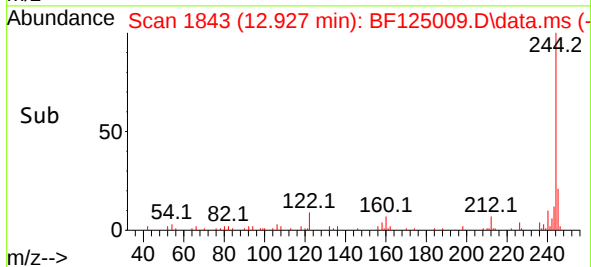
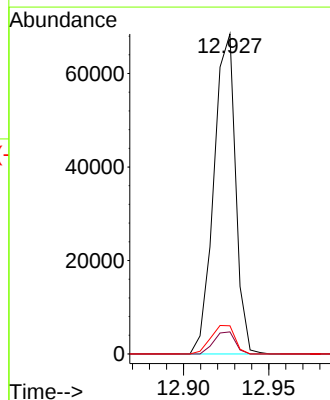
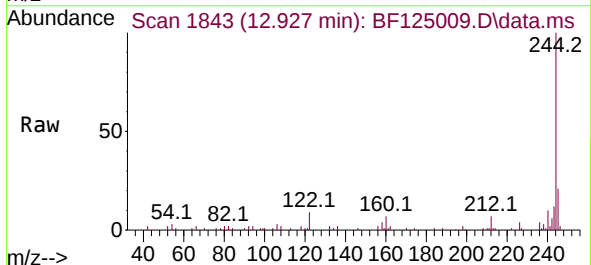
Instrument :  
BNA\_F  
ClientSampleId :  
20210560-COM-33

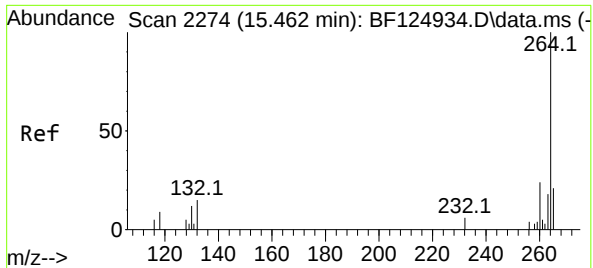
Tgt Ion:240 Resp: 16124  
Ion Ratio Lower Upper  
240 100  
120 12.7 10.8 16.2  
236 26.8 21.6 32.4



#79  
Terphenyl-d14  
Concen: 63.58 ng  
RT: 12.927 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: BF125009.D  
Acq: 9 Aug 2021 19:22

Tgt Ion:244 Resp: 60777  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 8.8 9.0 13.4#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.433 min Scan# 2269  
 Delta R.T. -0.006 min  
 Lab File: BF125009.D  
 Acq: 9 Aug 2021 19:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20210560-COM-33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 11636     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 21.5  | 19.6 29.4 |
| 265         | 20.1  | 17.2 25.8 |

