

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081021\  
 Data File : BF125046.D  
 Acq On : 10 Aug 2021 23:52  
 Operator : JU/CG  
 Sample : M3318-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SPLP-AMENDED-COM-9

Quant Time: Aug 11 04:17:05 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 10 11:32:36 2021  
 Response via : Initial Calibration

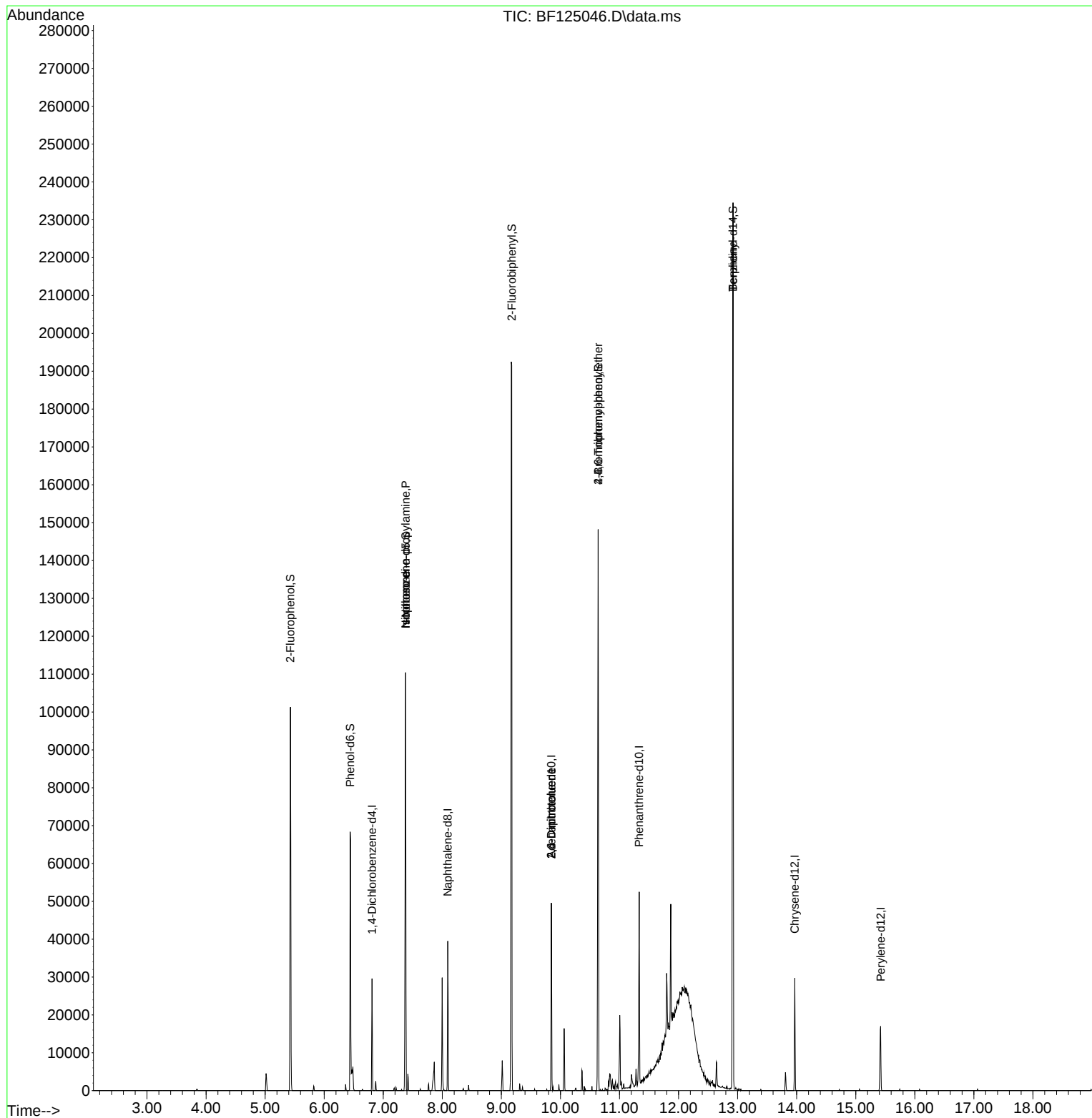
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 3848     | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 8.092  | 136  | 15333    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.845  | 164  | 9326     | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 16784    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.968 | 240  | 10323    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.421 | 264  | 9541     | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 24371    | 103.749 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.440  | 99   | 20501    | 69.214  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 35434    | 120.893 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 14430    | 173.191 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.175  | 172  | 60460    | 94.861  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.921 | 244  | 75232    | 122.932 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.381  | 70   | 4964     | 28.244  | ng    | # 58     |
| 25) Isophorone                | 7.381  | 82   | 35434    | 70.832  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.845  | 165  | 1116     | 7.930   | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.845  | 165  | 1116     | 5.841   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.639 | 248  | 980      | 5.331   | ng    | # 1      |
| 77) Benzidine                 | 12.921 | 184  | 1106     | 4.004   | ng    | # 73     |
| -----                         |        |      |          |         |       |          |

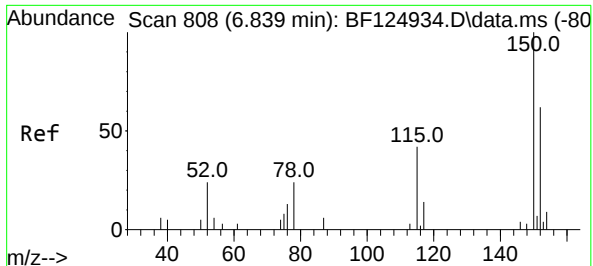
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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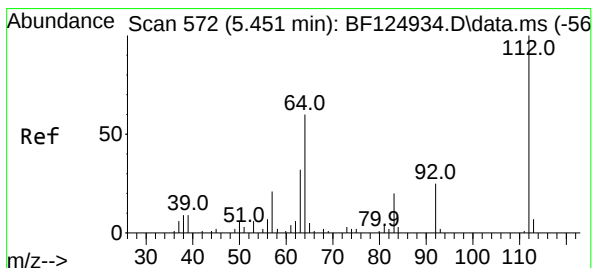
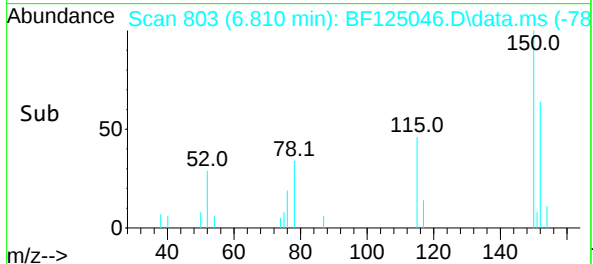
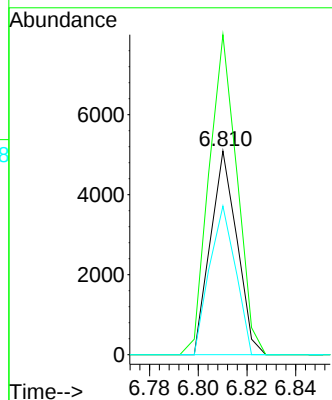
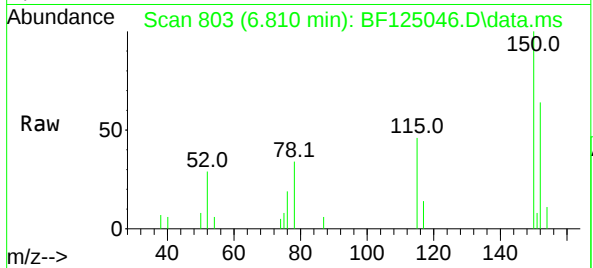




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

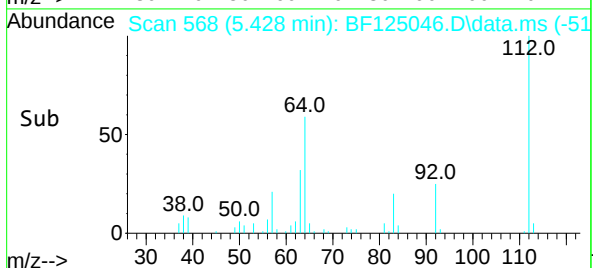
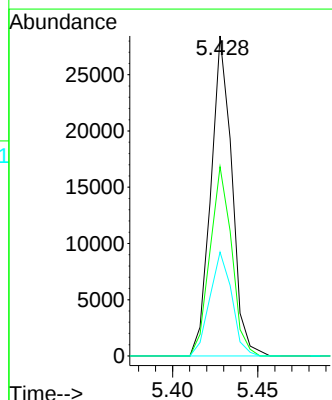
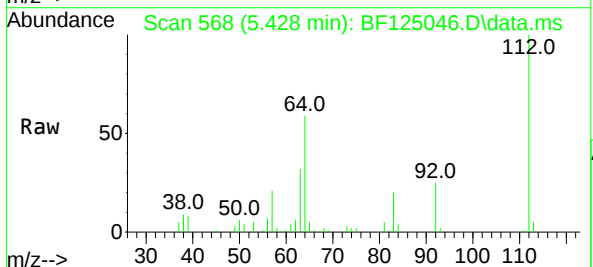
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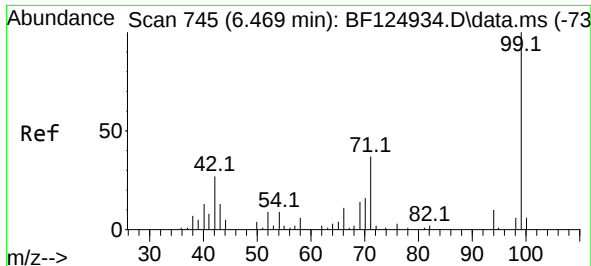
Tgt Ion:152 Resp: 3848  
Ion Ratio Lower Upper  
152 100  
150 157.0 117.6 176.4  
115 73.0 47.1 70.7#



#5  
2-Fluorophenol  
Concen: 103.749 ng  
RT: 5.428 min Scan# 568  
Delta R.T. -0.006 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

Tgt Ion:112 Resp: 24371  
Ion Ratio Lower Upper  
112 100  
64 59.1 44.2 66.2  
63 32.5 26.2 39.2

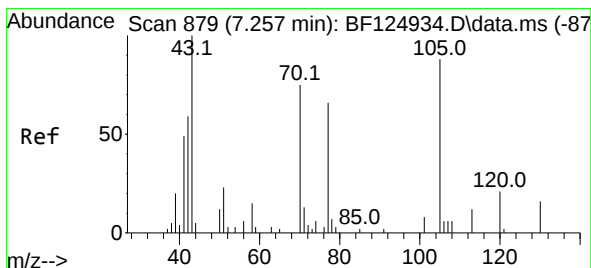
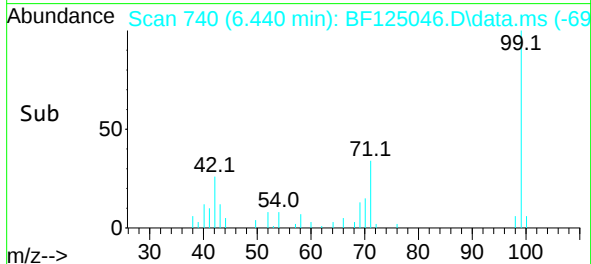
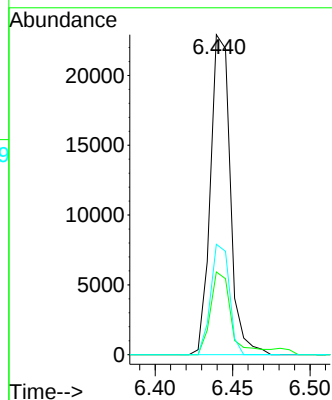
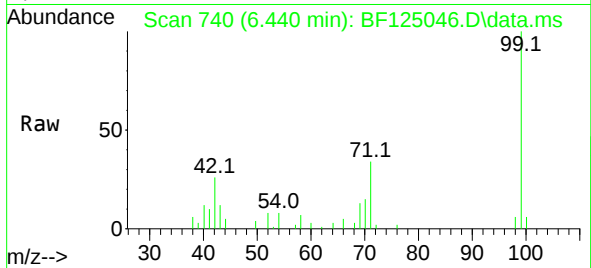




#7  
Phenol-d6  
Concen: 69.214 ng  
RT: 6.440 min Scan# 740  
Delta R.T. -0.012 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

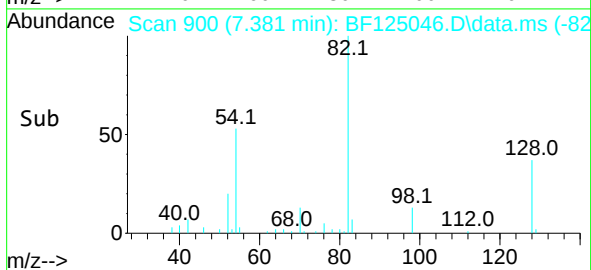
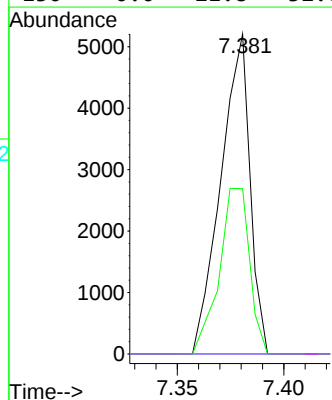
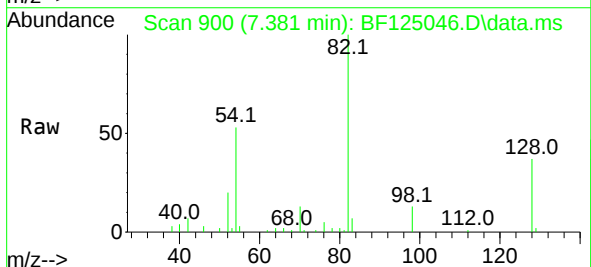
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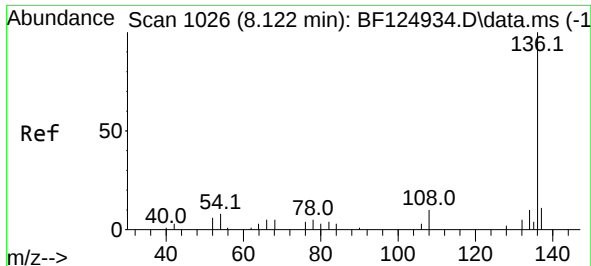
|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 20501 |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 25.8     | 23.5 35.3   |
| 71 34.5     | 25.6 38.4   |



#19  
n-Nitroso-di-n-propylamine  
Concen: 28.244 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.153 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 4964  |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 51.7     | 72.2 108.2# |
| 101 0.0     | 7.8 11.8#   |
| 130 0.0     | 21.8 32.6#  |

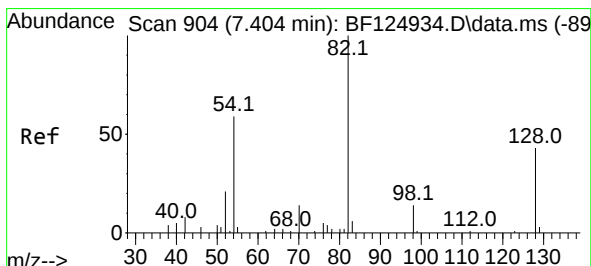
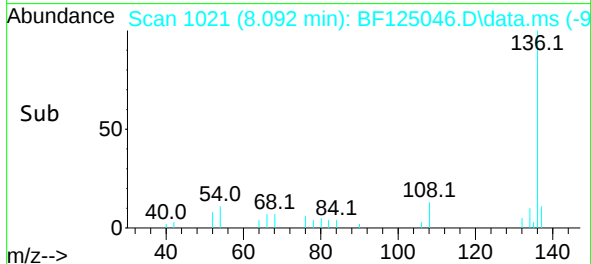
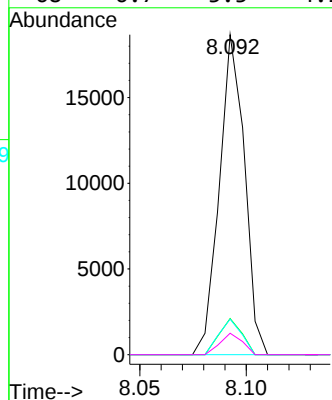
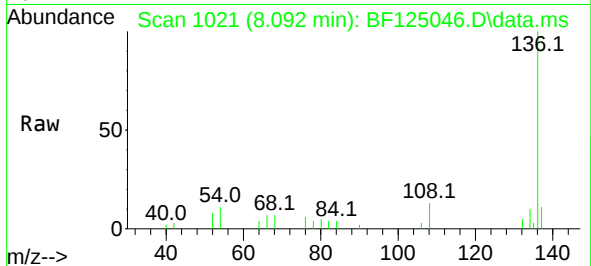




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

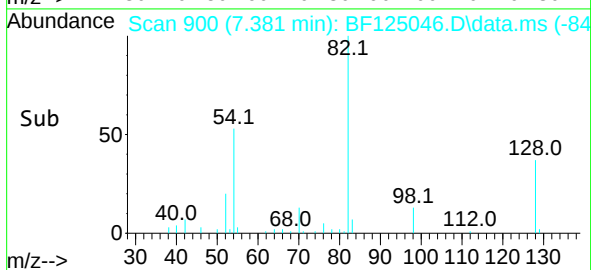
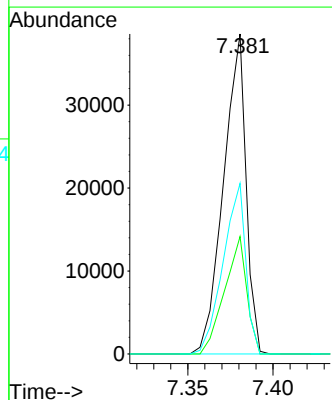
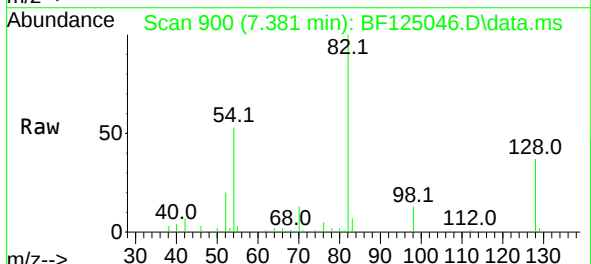
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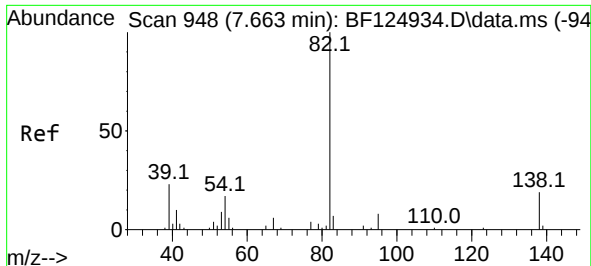
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 15333    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 9.8 14.6 |
| 54          | 11.1  | 6.4 9.6# |
| 68          | 6.7   | 3.3 4.9# |



#23  
Nitrobenzene-d5  
Concen: 120.893 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 35434      |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 36.7  | 40.6 60.8# |
| 54          | 53.3  | 49.6 74.4  |

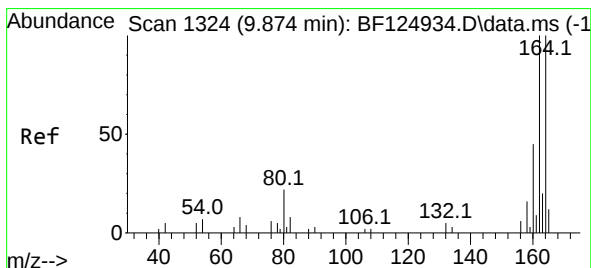
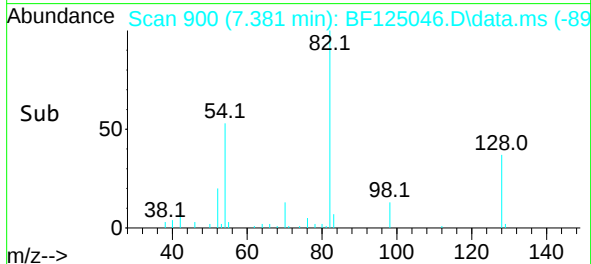
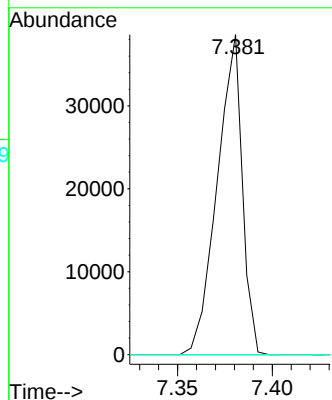
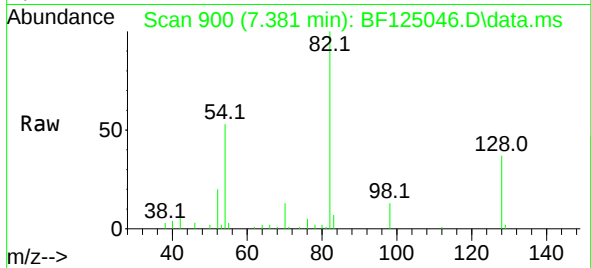




#25  
Isophorone  
Concen: 70.832 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.259 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

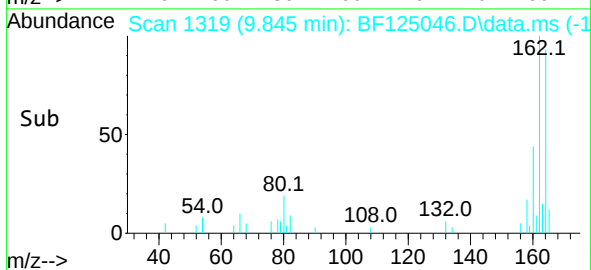
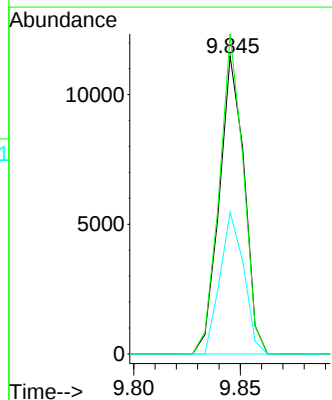
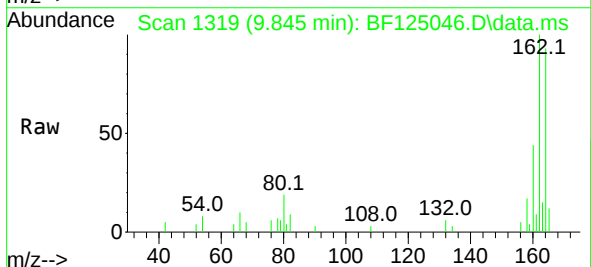
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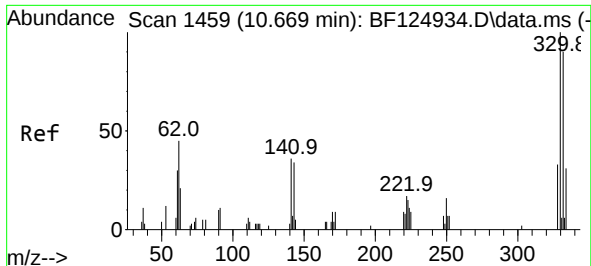
Tgt Ion: 82 Resp: 35434  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

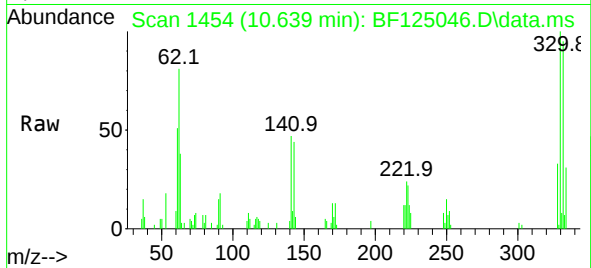
Tgt Ion:164 Resp: 9326  
Ion Ratio Lower Upper  
164 100  
162 107.4 81.3 121.9  
160 47.6 38.0 57.0



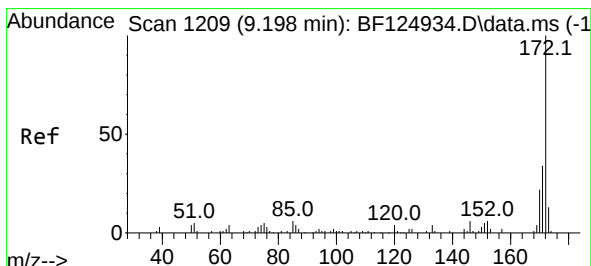
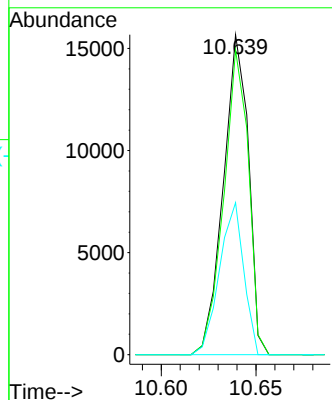
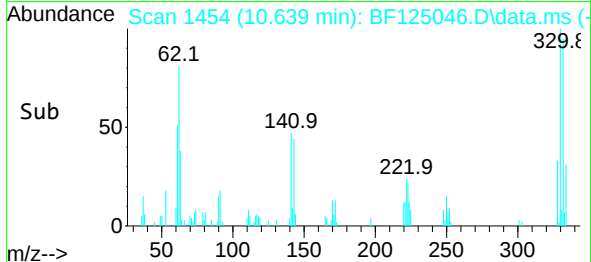


#42  
2,4,6-Tribromophenol  
Concen: 173.191 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

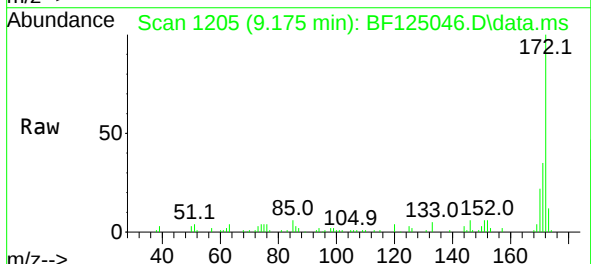
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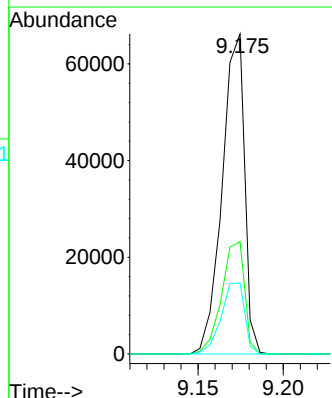
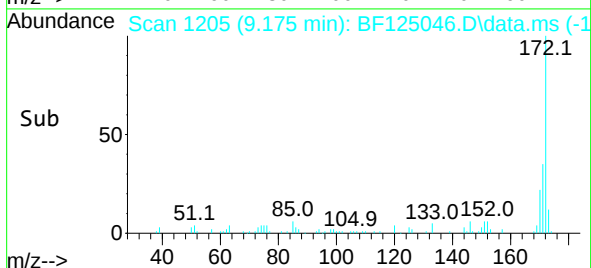
Tgt Ion:330 Resp: 14430  
Ion Ratio Lower Upper  
330 100  
332 93.8 76.2 114.4  
141 46.0 44.6 66.8

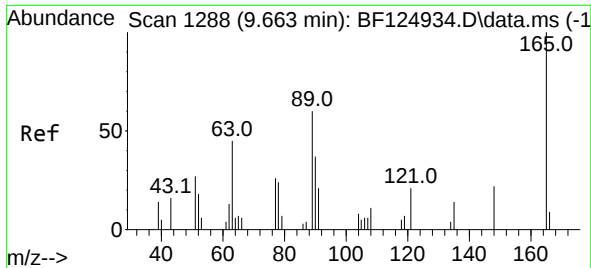


#45  
2-Fluorobiphenyl  
Concen: 94.861 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52



Tgt Ion:172 Resp: 60460  
Ion Ratio Lower Upper  
172 100  
171 35.1 26.5 39.7  
170 22.2 18.8 28.2

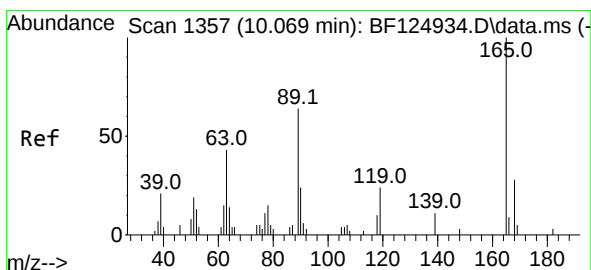
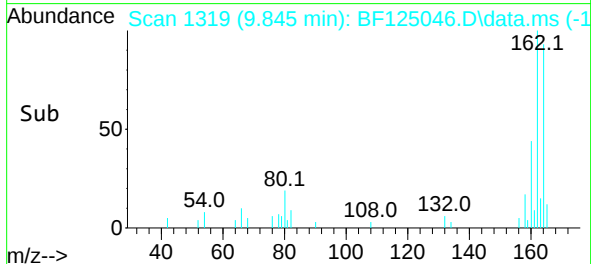
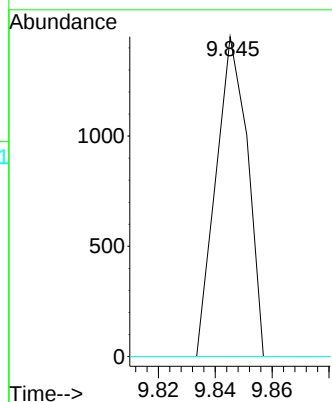
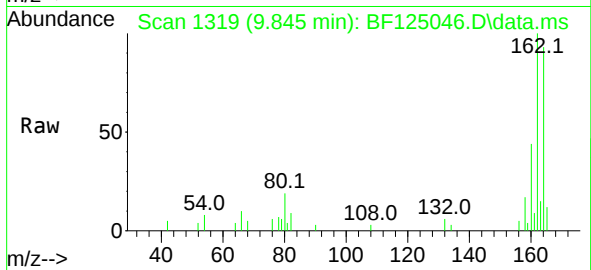




#51  
2,6-Dinitrotoluene  
Concen: 7.930 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. 0.206 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

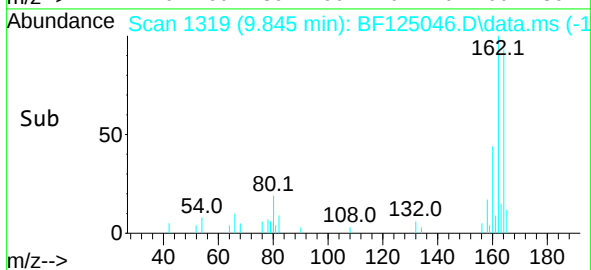
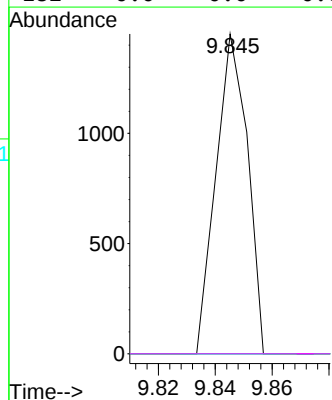
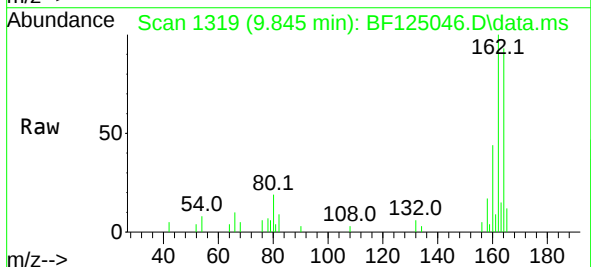
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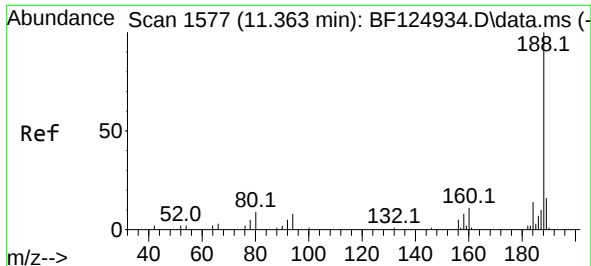
Tgt Ion:165 Resp: 1116  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 5.841 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.200 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

Tgt Ion:165 Resp: 1116  
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

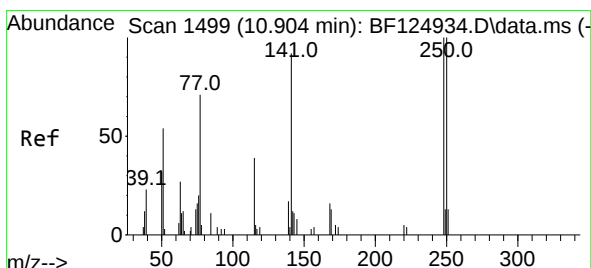
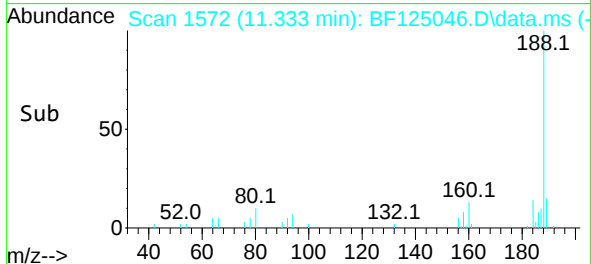
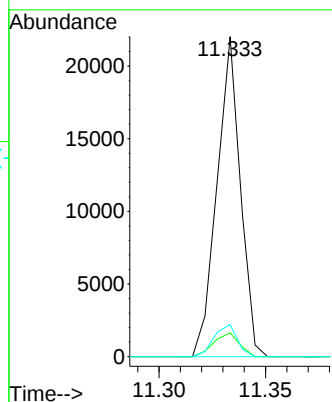
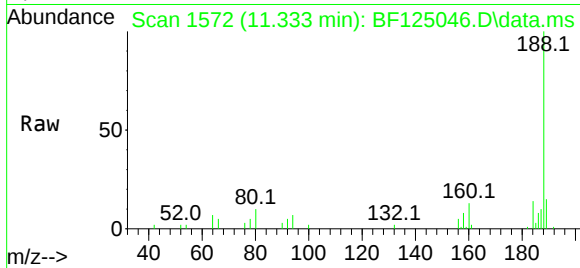




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

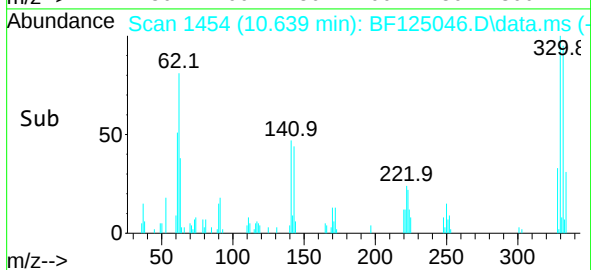
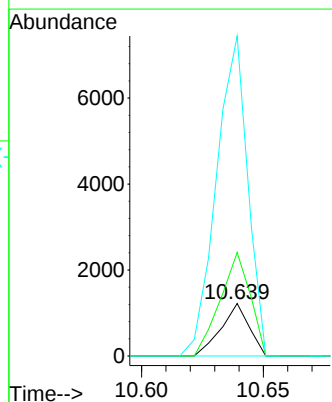
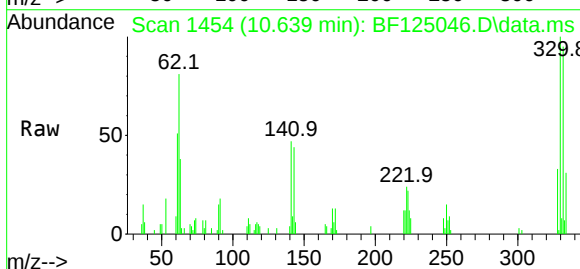
Instrument :  
BNA\_F  
ClientSampleId :  
SPLP-AMENDED-COM-9

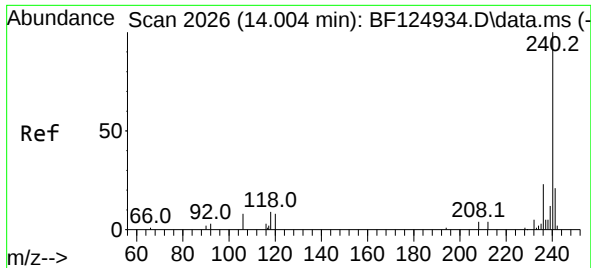
Tgt Ion:188 Resp: 16784  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.7 10.1  
80 10.0 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 5.331 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.241 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

Tgt Ion:248 Resp: 980  
Ion Ratio Lower Upper  
248 100  
250 197.1 74.2 111.4#  
141 609.2 60.4 90.6#

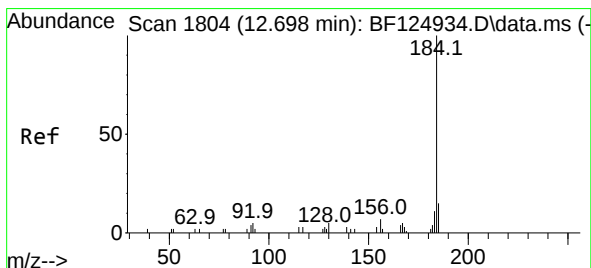
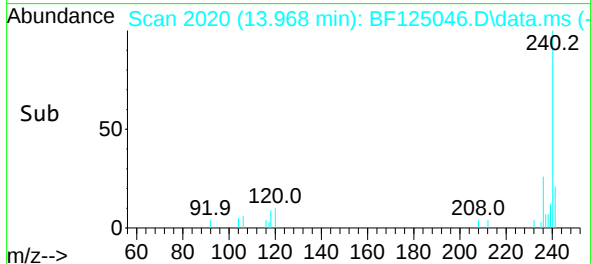
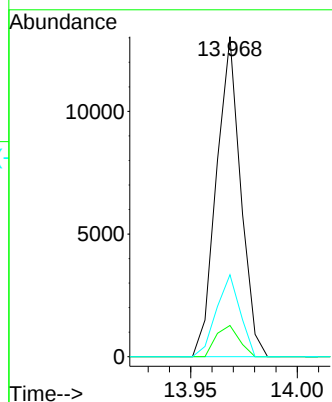
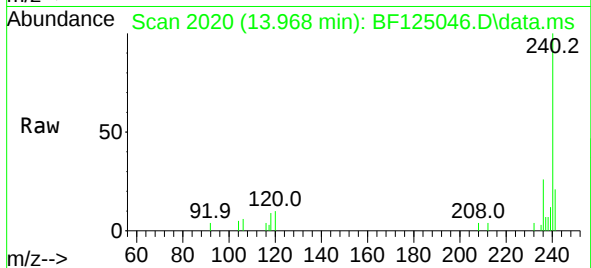




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

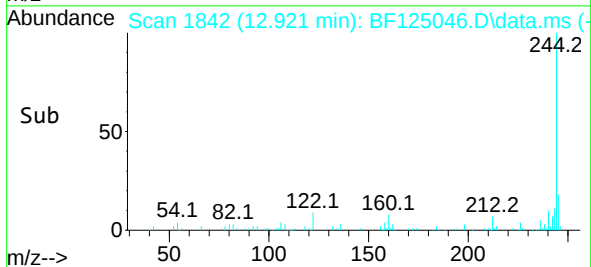
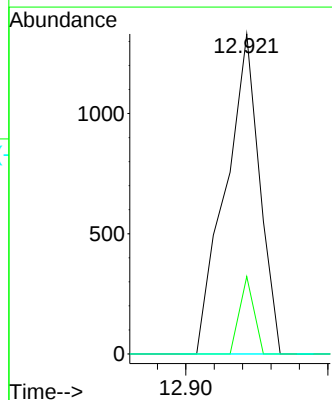
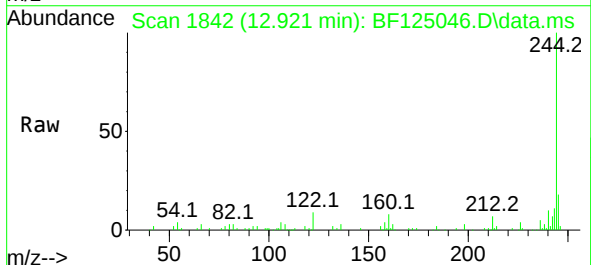
Instrument :  
BNA\_F  
ClientSampleId :  
SPLP-AMENDED-COM-9

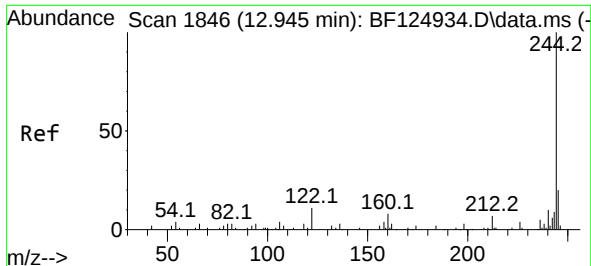
Tgt Ion:240 Resp: 10323  
Ion Ratio Lower Upper  
240 100  
120 9.7 10.8 16.2#  
236 25.6 21.6 32.4



#77  
Benzidine  
Concen: 4.004 ng  
RT: 12.921 min Scan# 1842  
Delta R.T. 0.253 min  
Lab File: BF125046.D  
Acq: 10 Aug 2021 23:52

Tgt Ion:184 Resp: 1106  
Ion Ratio Lower Upper  
184 100  
185 24.2 10.8 16.2#  
183 0.0 8.1 12.1#

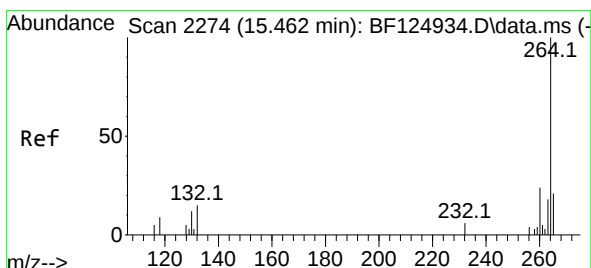
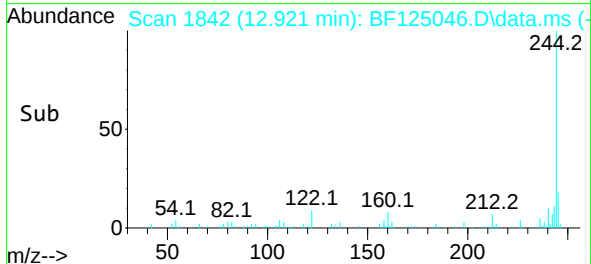
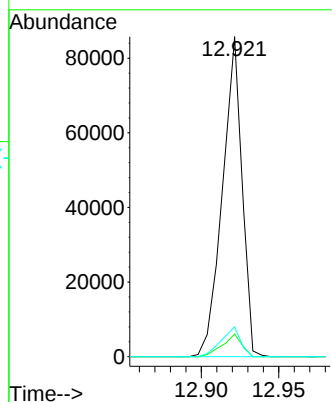
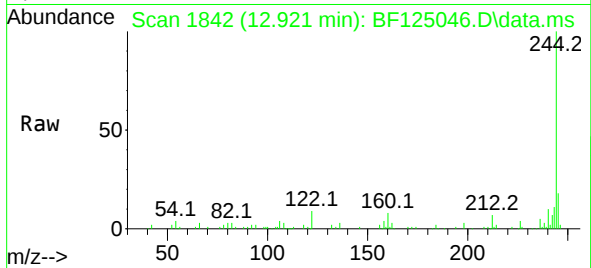




#79  
 Terphenyl-d14  
 Concen: 122.932 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. 0.006 min  
 Lab File: BF125046.D  
 Acq: 10 Aug 2021 23:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SPLP-AMENDED-COM-9

Tgt Ion:244 Resp: 75232  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 9.3 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. 0.006 min  
 Lab File: BF125046.D  
 Acq: 10 Aug 2021 23:52

Tgt Ion:264 Resp: 9541  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.6 29.4  
 265 21.4 17.2 25.8

