

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092921\  
 Data File : BF125703.D  
 Acq On : 29 Sep 2021 10:01  
 Operator : JU/CG  
 Sample : PB139444BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139444BL

Quant Time: Sep 29 10:47:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 15:38:32 2021  
 Response via : Initial Calibration

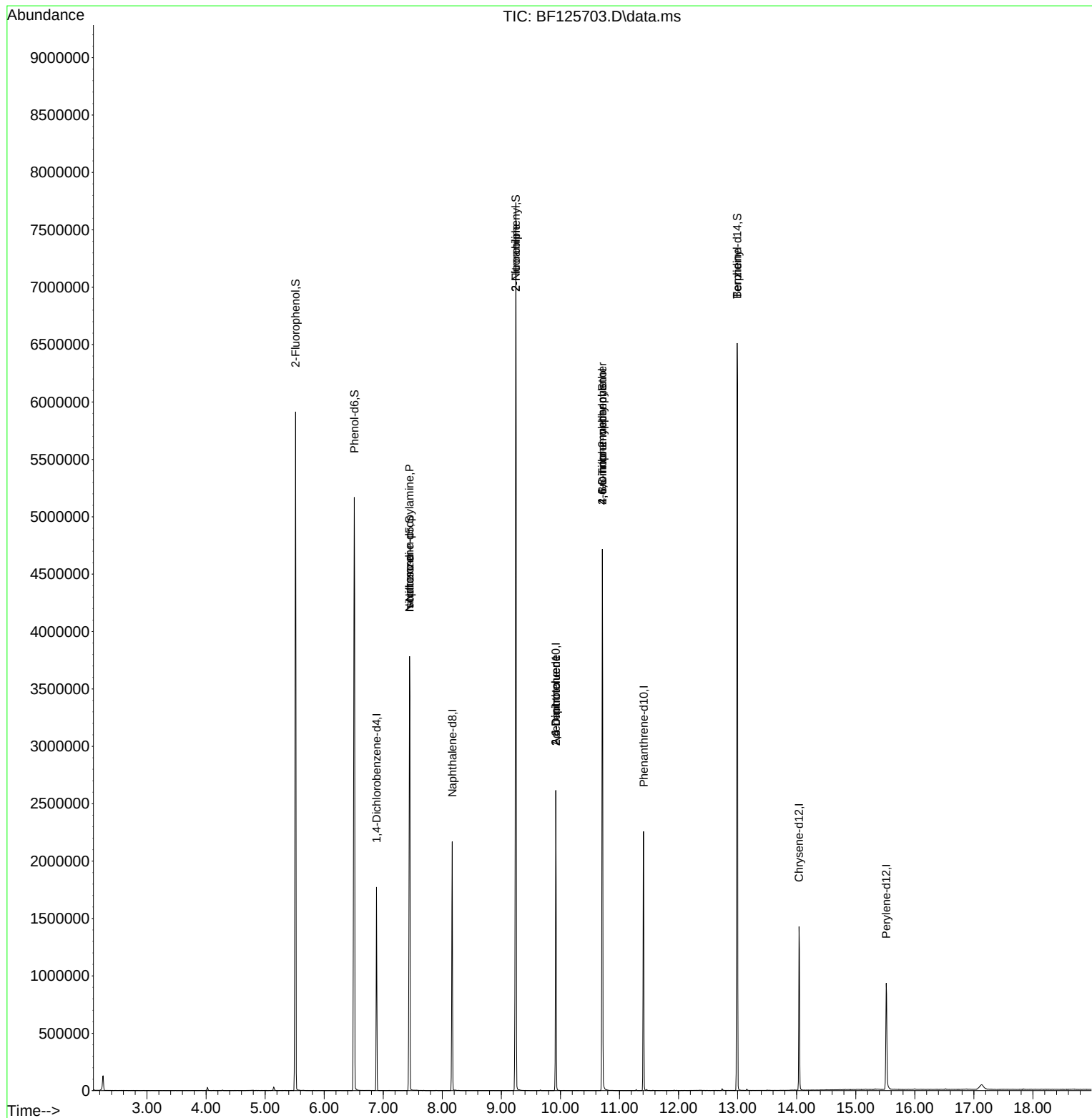
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 248252   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 1016971  | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.922  | 164  | 536799   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 879888   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 487547   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 447113   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 2070639  | 137.421   | ng    | 0.01     |
| 7) Phenol-d6                  | 6.510  | 99   | 2511147  | 123.962   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 1517186  | 104.058   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 681967   | 136.259   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2781034  | 94.600    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2477055  | 87.985    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.510  | 77   | 3131     | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 188116   | 16.310    | ng    | # 51     |
| 25) Isophorone                | 7.445  | 82   | 1510899  | 46.271    | ng    | # 59     |
| 48) 2-Nitroaniline            | 9.245  | 65   | 3678     | 4.592     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 67907    | 12.544    | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 67907    | 11.454    | ng    | # 19     |
| 65) 4,6-Dinitro-2-methylph... | 10.710 | 198  | 1615     | 9.319     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 37338    | 4.043     | ng    | # 1      |
| 77) Benzidine                 | 12.992 | 184  | 32108    | 2.507     | ng    | 95       |
| -----                         |        |      |          |           |       |          |

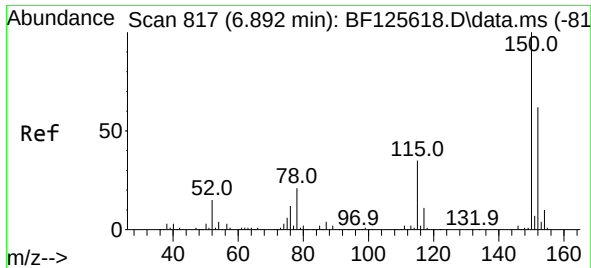
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092921\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 24 15:38:32 2021  
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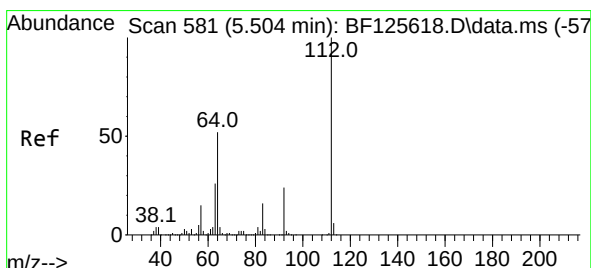
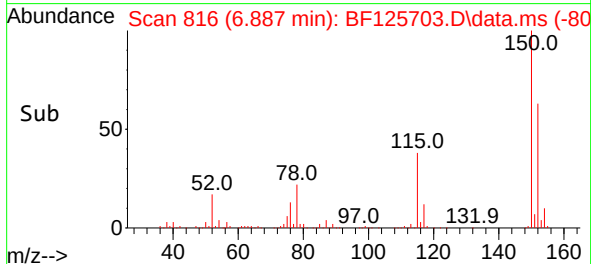
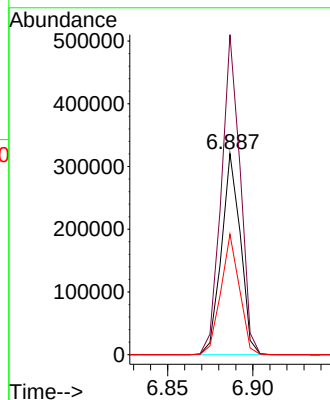
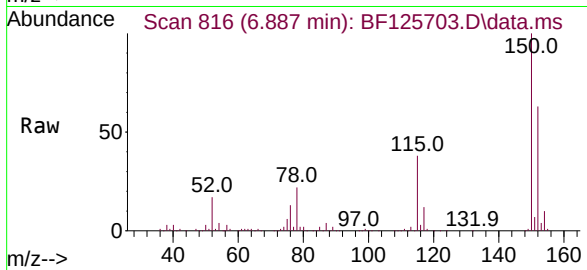




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

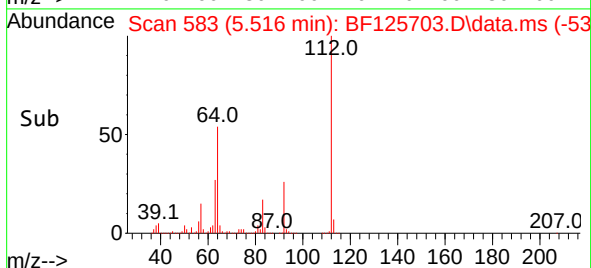
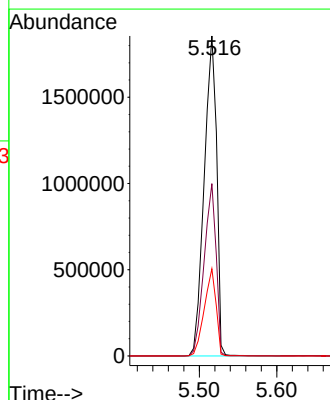
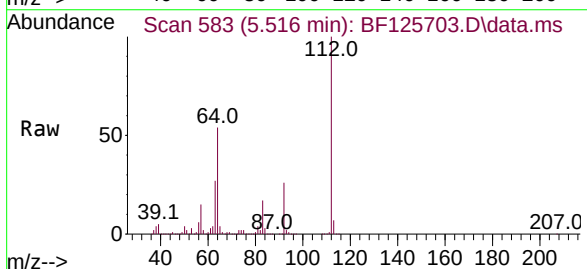
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BNA\_F  
ClientSampleId :  
PB139444BL

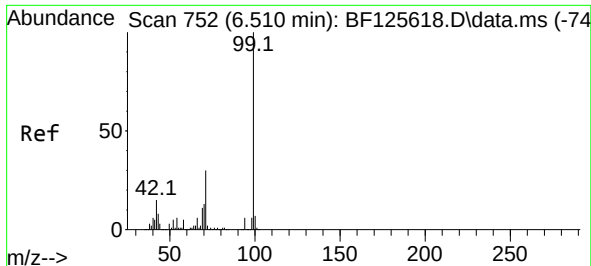
Tgt Ion:152 Resp: 248252  
Ion Ratio Lower Upper  
152 100  
150 159.1 117.6 176.4  
115 59.9 47.1 70.7



#5  
2-Fluorophenol  
Concen: 137.421 ng  
RT: 5.516 min Scan# 583  
Delta R.T. 0.012 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion:112 Resp: 2070639  
Ion Ratio Lower Upper  
112 100  
64 53.8 44.2 66.2  
63 27.3 26.2 39.2

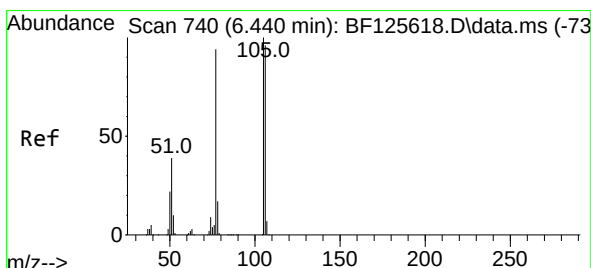
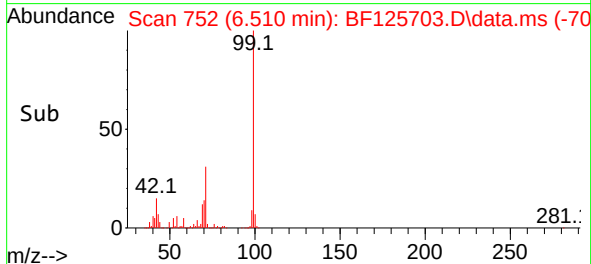
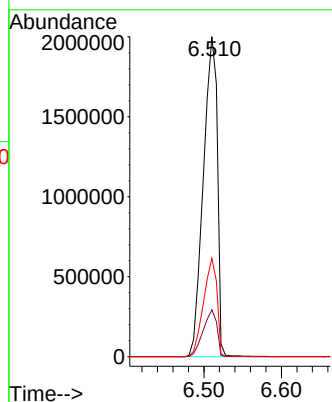
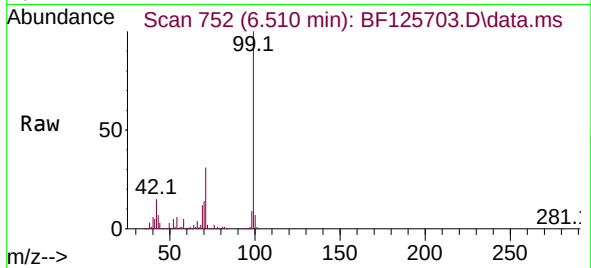




#7  
Phenol-d6  
Concen: 123.962 ng  
RT: 6.510 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

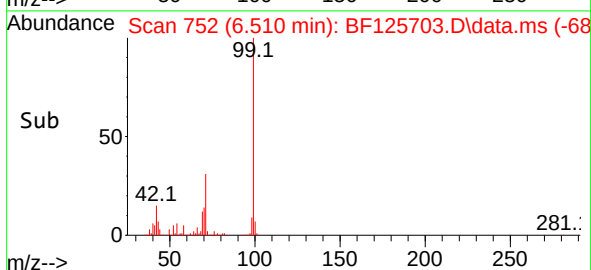
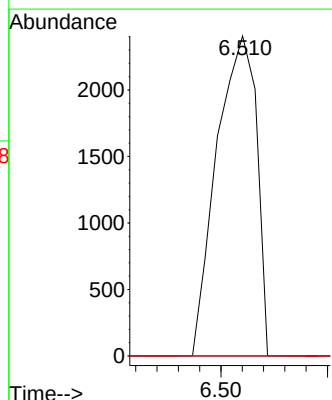
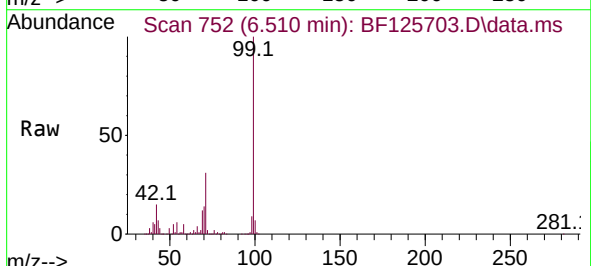
Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

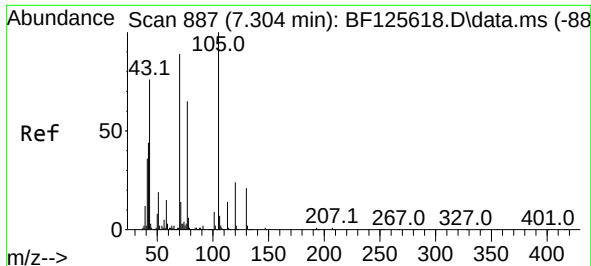
Tgt Ion: 99 Resp: 2511147  
Ion Ratio Lower Upper  
99 100  
42 14.7 23.5 35.3#  
71 30.7 25.6 38.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.510 min Scan# 752  
Delta R.T. 0.070 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

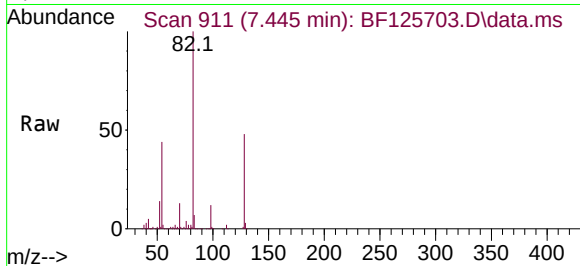
Tgt Ion: 77 Resp: 3131  
Ion Ratio Lower Upper  
77 100  
105 0.0 75.9 115.9#  
106 0.0 84.0 124.0#



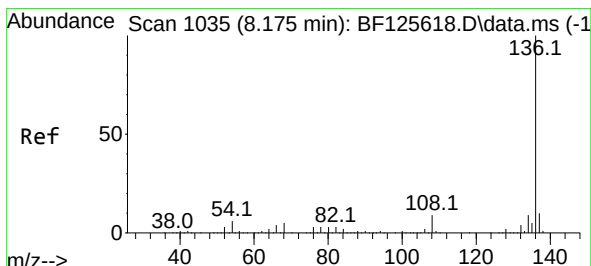
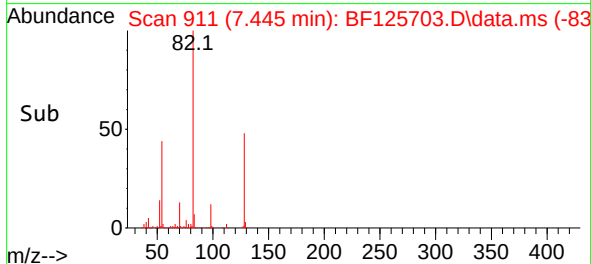
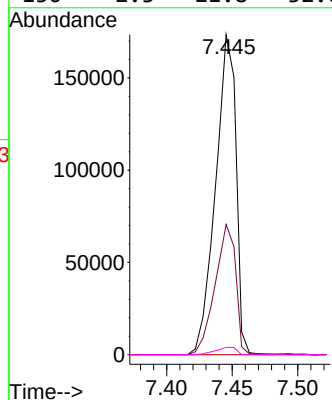


#19  
n-Nitroso-di-n-propylamine  
Concen: 16.310 ng  
RT: 7.445 min Scan# 911  
Delta R.T. 0.141 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

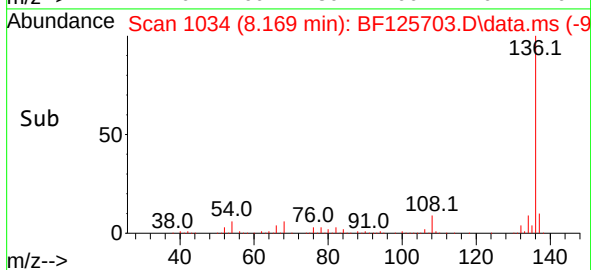
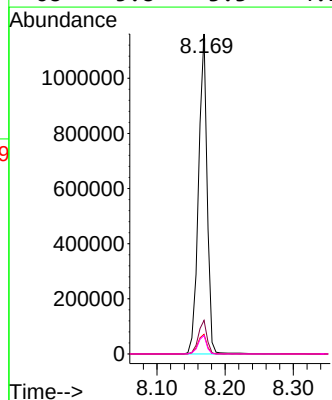
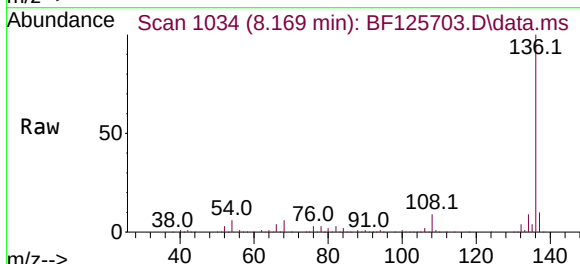


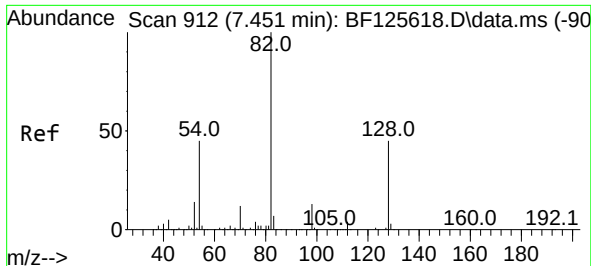
Tgt Ion: 70 Resp: 188116  
Ion Ratio Lower Upper  
70 100  
42 40.7 72.2 108.2#  
101 0.0 7.8 11.8#  
130 2.3 21.8 32.6#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion: 136 Resp: 1016971  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.8 14.6  
54 6.2 6.4 9.6#  
68 5.8 3.3 4.9#

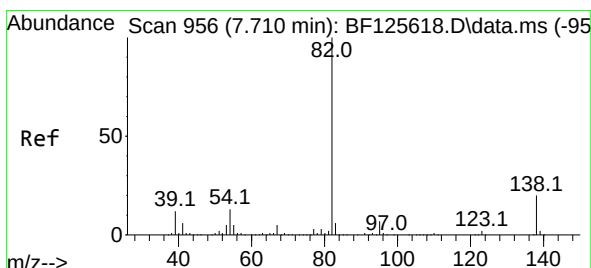
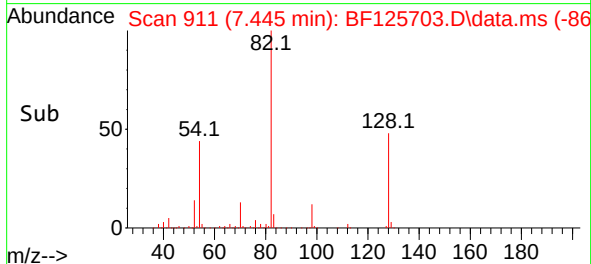
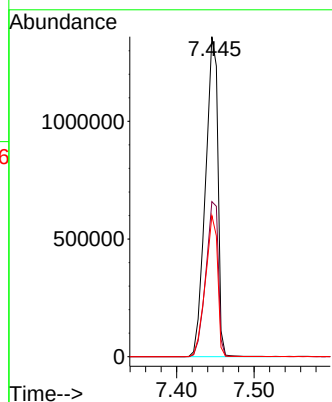
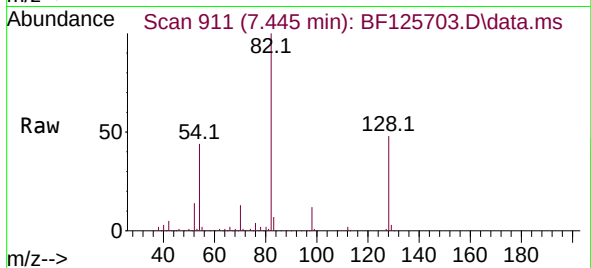




#23  
Nitrobenzene-d5  
Concen: 104.058 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

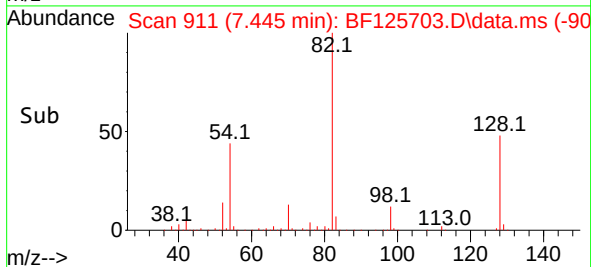
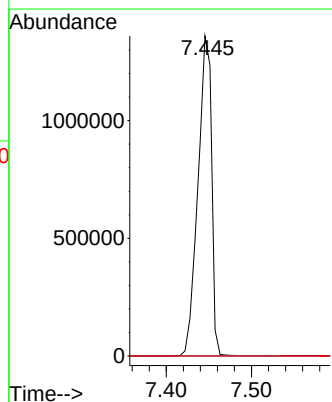
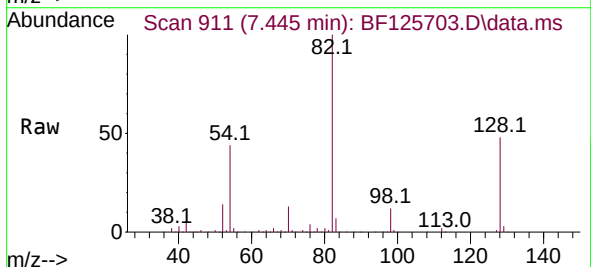
Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

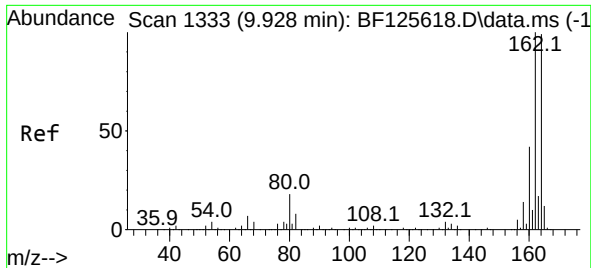
Tgt Ion: 82 Resp: 1517186  
Ion Ratio Lower Upper  
82 100  
128 48.4 40.6 60.8  
54 44.1 49.6 74.4#



#25  
Isophorone  
Concen: 46.271 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.265 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion: 82 Resp: 1510899  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#

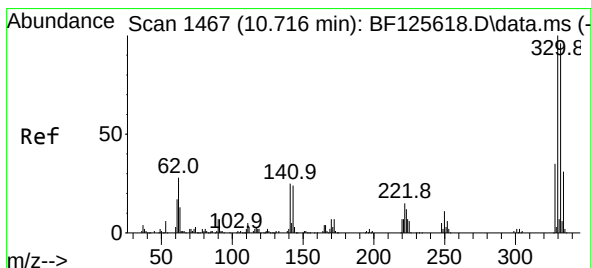
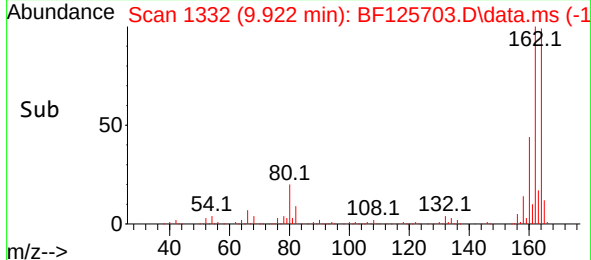
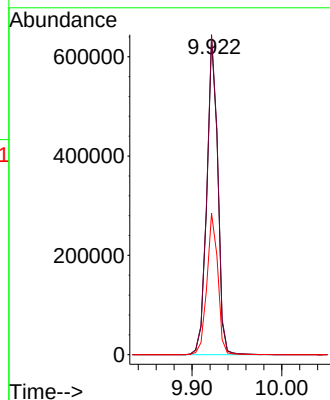
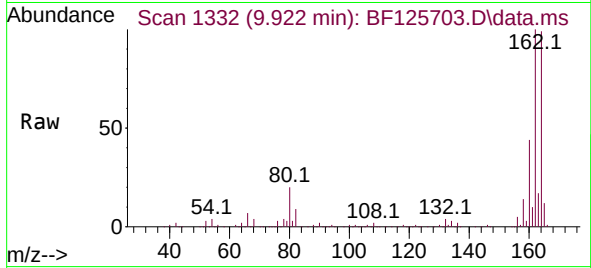




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

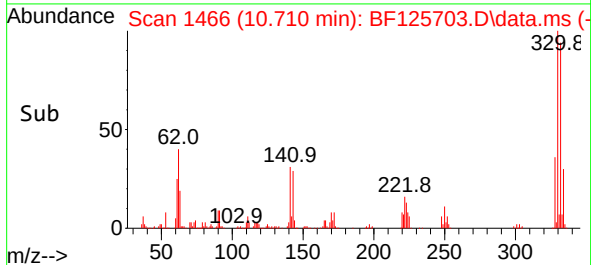
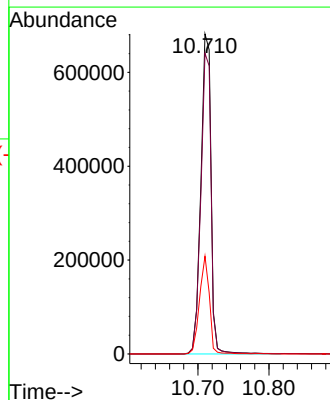
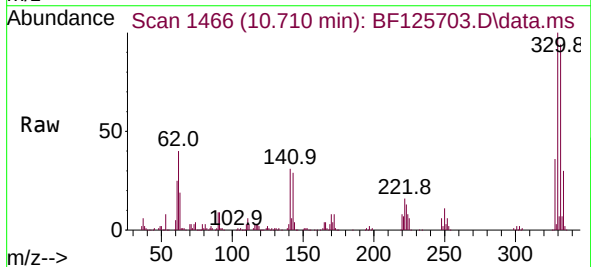
Instrument :  
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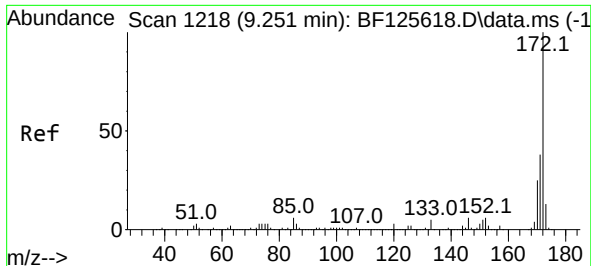
|             |                  |
|-------------|------------------|
| Tgt Ion:164 | Resp: 536799     |
| Ion Ratio   | Lower Upper      |
| 164         | 100              |
| 162         | 101.1 81.3 121.9 |
| 160         | 44.6 38.0 57.0   |



#42  
2,4,6-Tribromophenol  
Concen: 136.259 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.006 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

|             |                 |
|-------------|-----------------|
| Tgt Ion:330 | Resp: 681967    |
| Ion Ratio   | Lower Upper     |
| 330         | 100             |
| 332         | 94.6 76.2 114.4 |
| 141         | 29.6 44.6 66.8# |

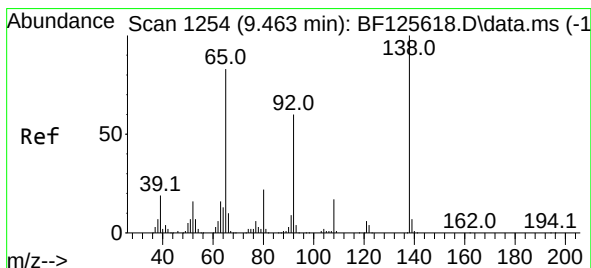
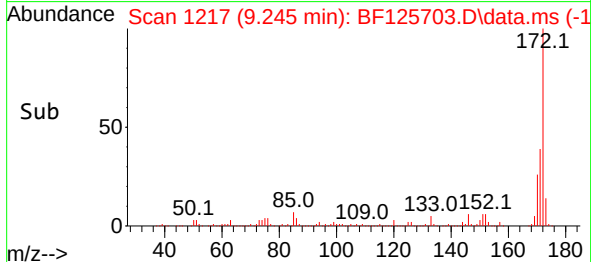
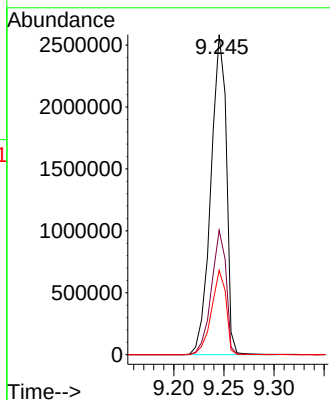
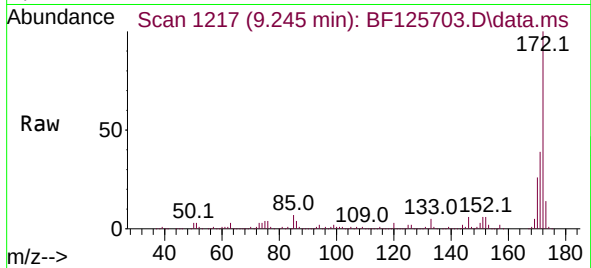




#45  
2-Fluorobiphenyl  
Concen: 94.600 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

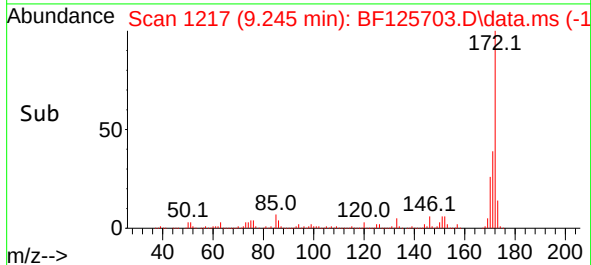
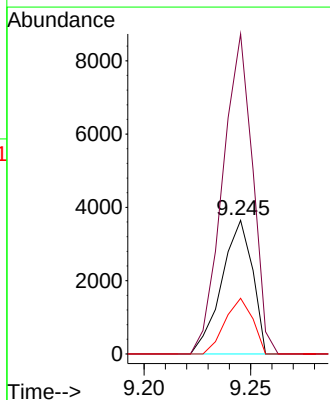
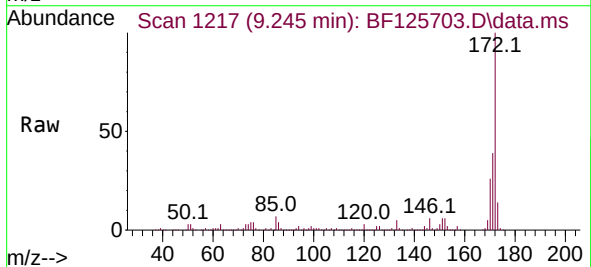
Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

Tgt Ion:172 Resp: 2781034  
Ion Ratio Lower Upper  
172 100  
171 38.9 26.5 39.7  
170 26.4 18.8 28.2

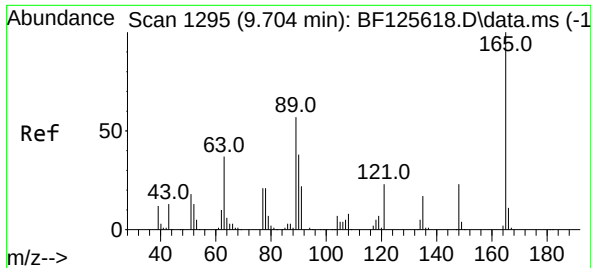


#48  
2-Nitroaniline  
Concen: 4.592 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.218 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion: 65 Resp: 3678  
Ion Ratio Lower Upper  
65 100  
92 239.4 55.5 83.3#  
138 41.6 93.5 140.3#



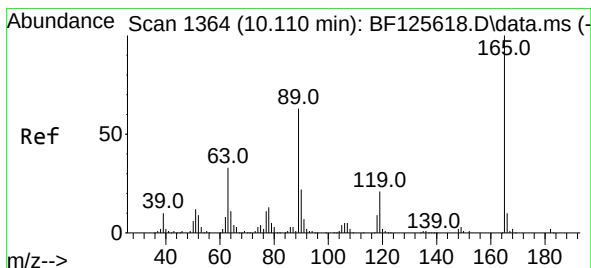
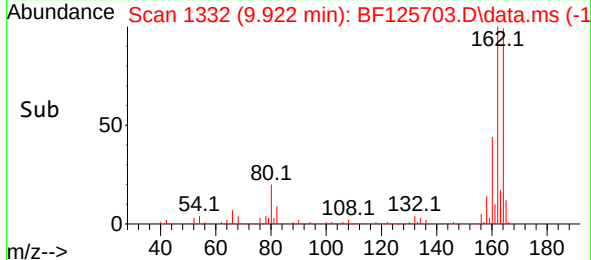
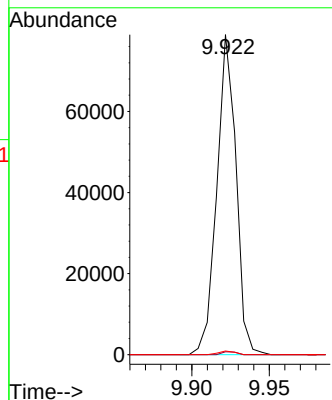
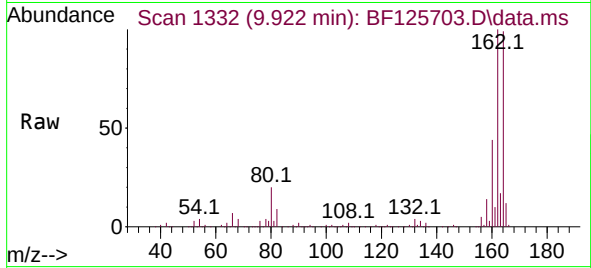




#51  
2,6-Dinitrotoluene  
Concen: 12.544 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. 0.218 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

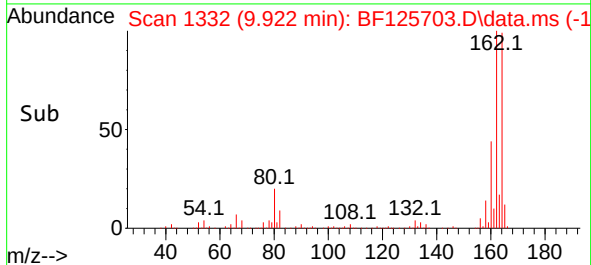
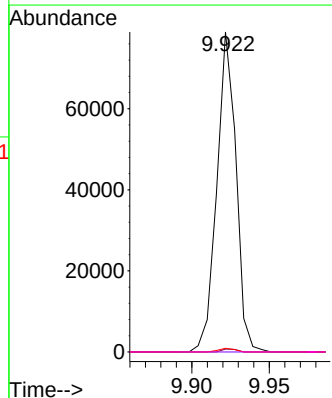
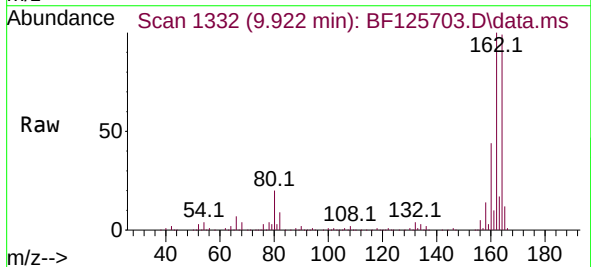
Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

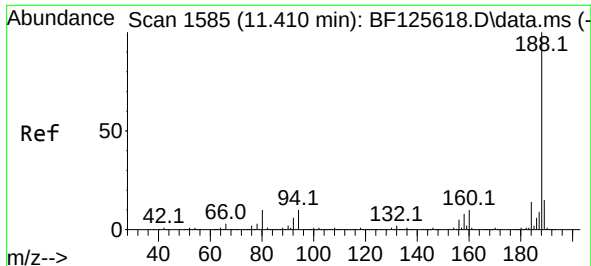
Tgt Ion:165 Resp: 67907  
Ion Ratio Lower Upper  
165 100  
63 0.9 42.6 63.8#  
89 1.2 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 11.454 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.188 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion:165 Resp: 67907  
Ion Ratio Lower Upper  
165 100  
63 0.9 40.9 61.3#  
89 1.2 59.7 89.5#  
182 0.0 0.0 0.0

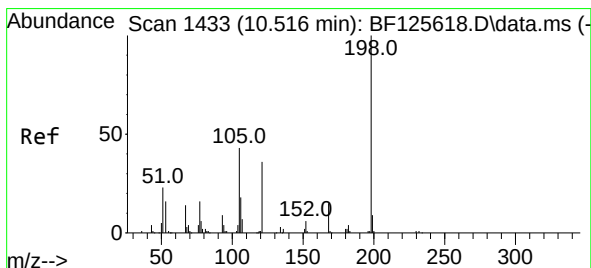
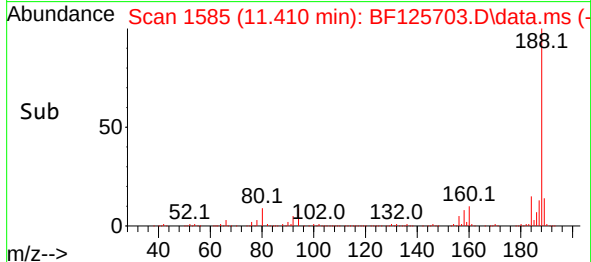
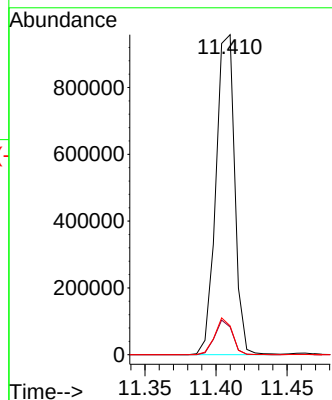
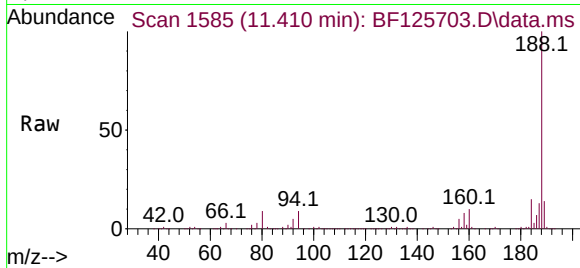




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

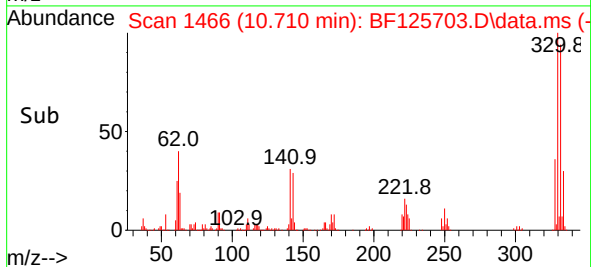
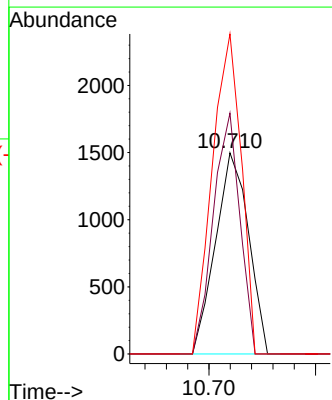
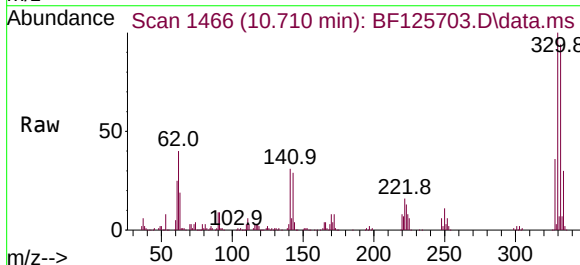
Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

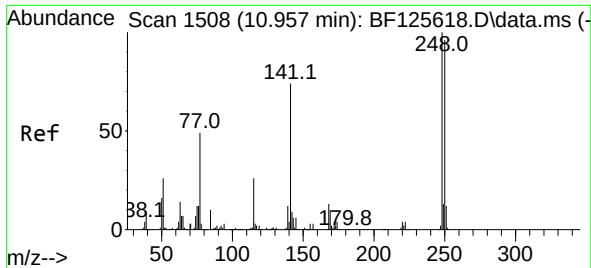
Tgt Ion:188 Resp: 879888  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.7 10.1  
80 9.0 7.5 11.3



#65  
4,6-Dinitro-2-methylphenol  
Concen: 9.319 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. 0.194 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion:198 Resp: 1615  
Ion Ratio Lower Upper  
198 100  
51 119.7 45.3 85.3#  
105 159.1 30.6 70.6#

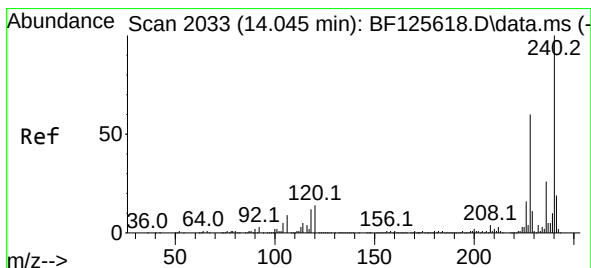
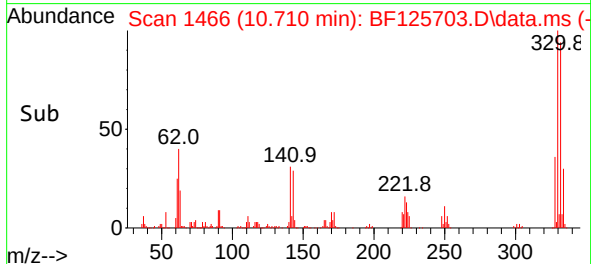
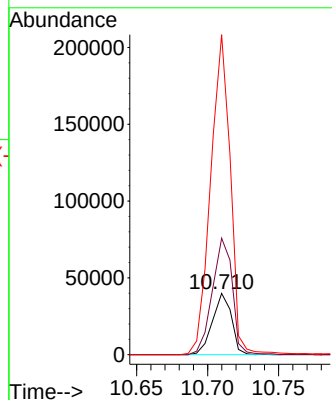
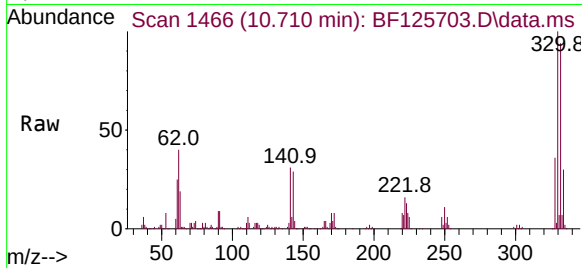




#67  
4-Bromophenyl-phenylether  
Concen: 4.043 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.247 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

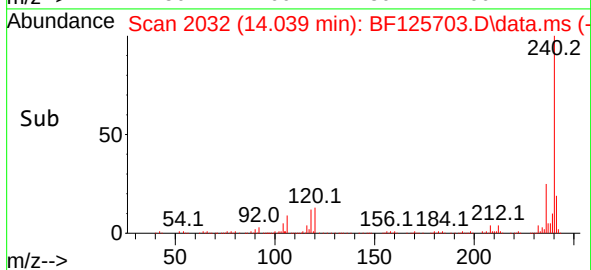
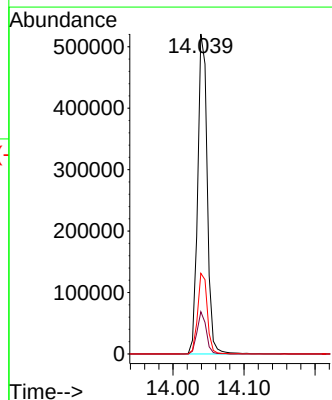
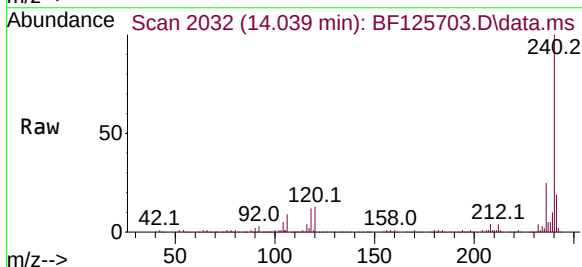
Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

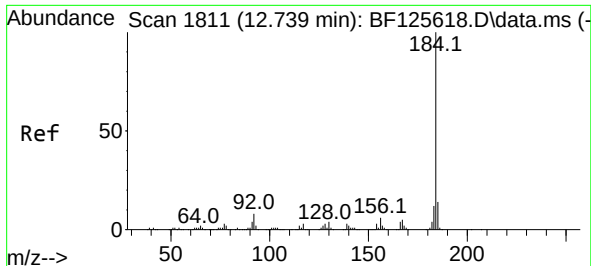
Tgt Ion:248 Resp: 37338  
Ion Ratio Lower Upper  
248 100  
250 190.0 74.2 111.4#  
141 522.3 60.4 90.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion:240 Resp: 487547  
Ion Ratio Lower Upper  
240 100  
120 13.2 10.8 16.2  
236 25.2 21.6 32.4

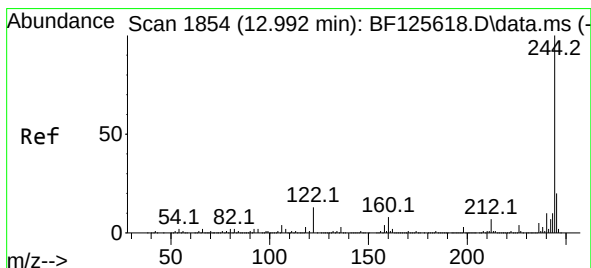
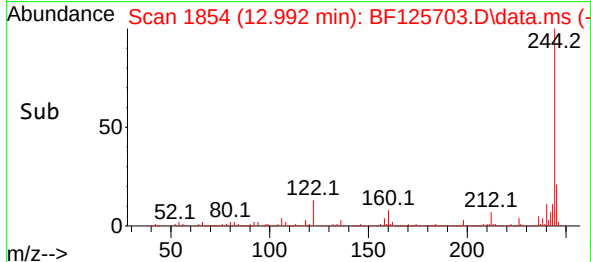
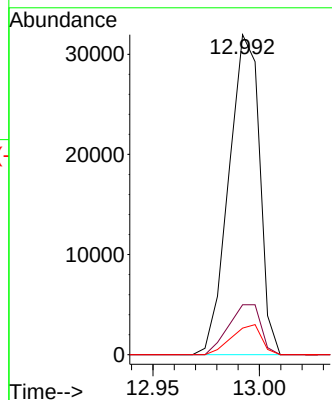
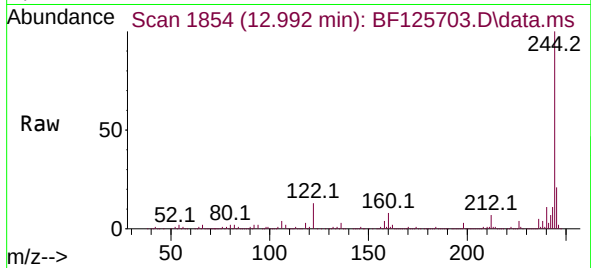




#77  
Benzidine  
Concen: 2.507 ng  
RT: 12.992 min Scan# 1854  
Delta R.T. 0.253 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

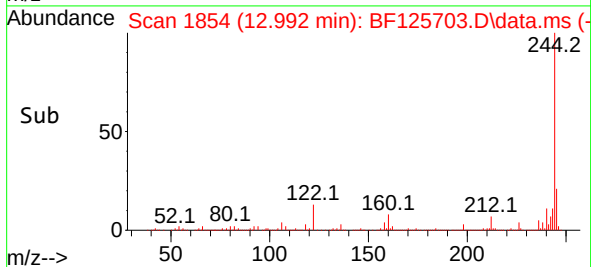
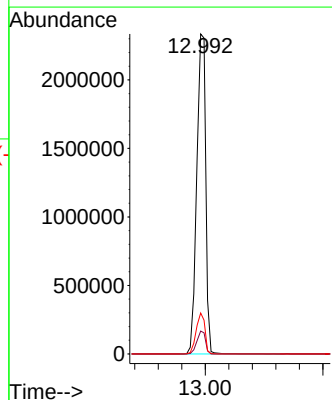
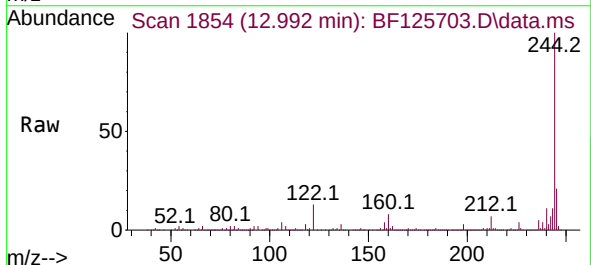
Instrument :  
BNA\_F  
ClientSampleId :  
PB139444BL

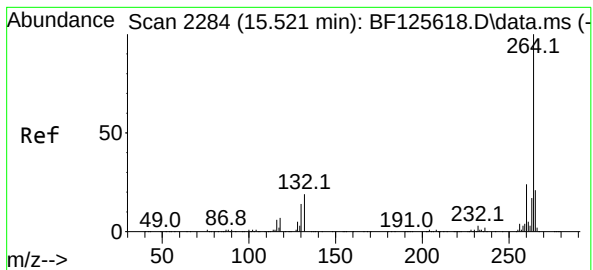
Tgt Ion:184 Resp: 32108  
Ion Ratio Lower Upper  
184 100  
185 15.6 10.8 16.2  
183 8.3 8.1 12.1



#79  
Terphenyl-d14  
Concen: 87.985 ng  
RT: 12.992 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF125703.D  
Acq: 29 Sep 2021 10:01

Tgt Ion:244 Resp: 2477055  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.9 8.9  
122 12.8 9.0 13.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.515 min Scan# 2283  
 Delta R.T. -0.006 min  
 Lab File: BF125703.D  
 Acq: 29 Sep 2021 10:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139444BL

Tgt Ion:264 Resp: 447113  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.6 29.4  
 265 21.6 17.2 25.8

