

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092421\  
 Data File : BF125645.D  
 Acq On : 25 Sep 2021 4:01  
 Operator : JU/CG  
 Sample : M3875-15DL 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 25 04:34:48 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

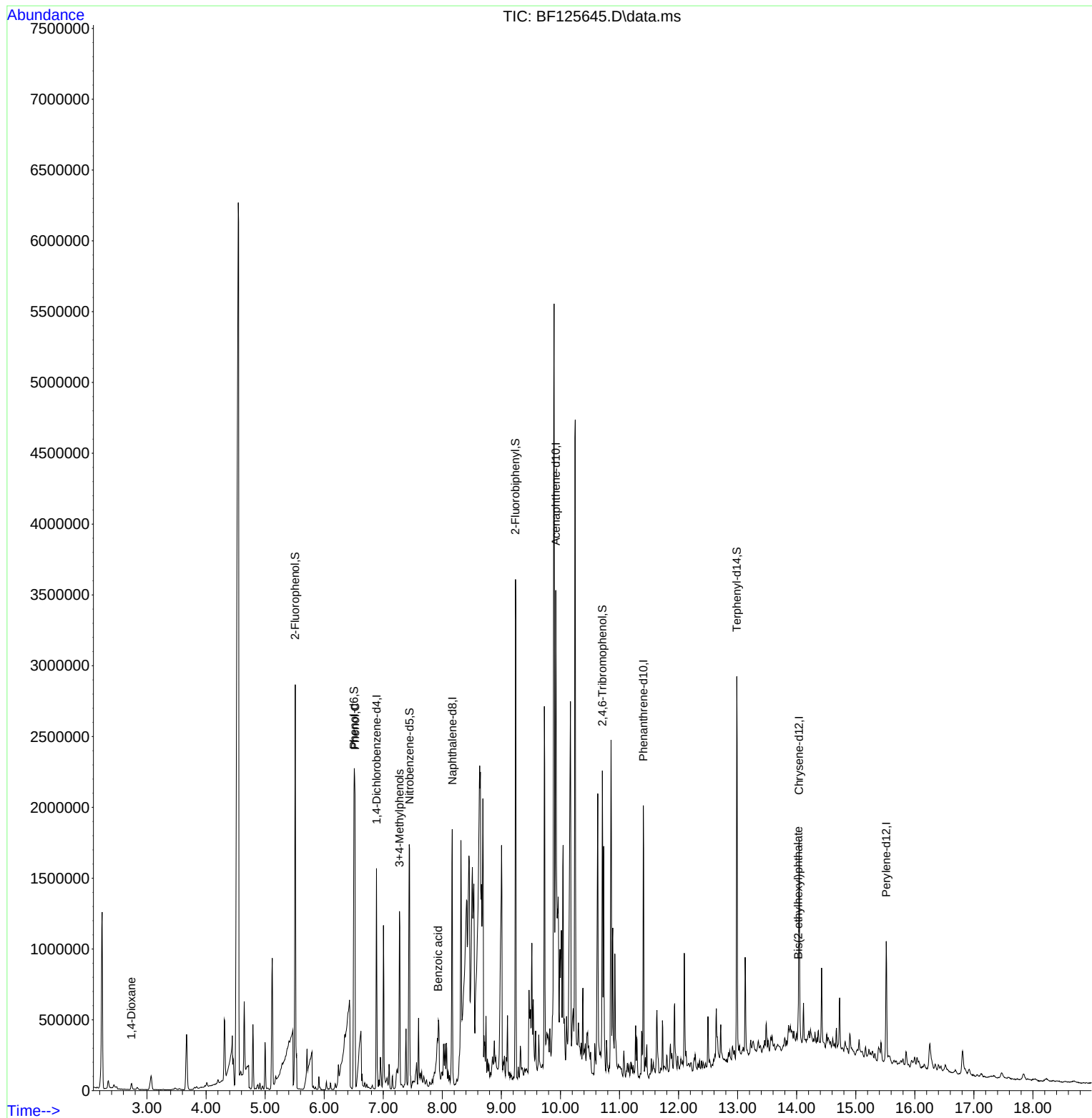
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 217916   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 887807   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.922  | 164  | 418425   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 685480   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.039 | 240  | 433025   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 278892   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 769004   | 58.14 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 820928   | 46.17 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 593354   | 46.62 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 264906   | 67.90 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1189690  | 44.75 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.986 | 244  | 887827   | 35.51 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.734  | 88   | 27157    | 4.82  | ng    | # 100    |
| 10) Phenol                    | 6.522  | 94   | 560188   | 31.17 | ng    | 88       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 342252   | 22.13 | ng    | # 69     |
| 32) Benzoic acid              | 7.928  | 122  | 133233   | 20.39 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 35676    | 2.40  | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

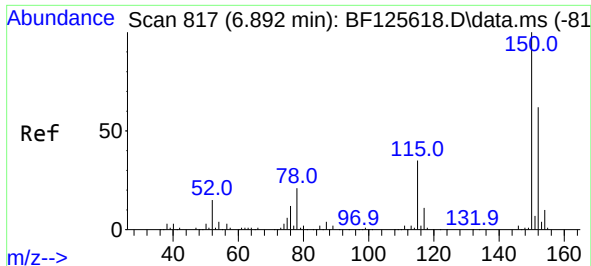
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 24 15:38:32 2021  
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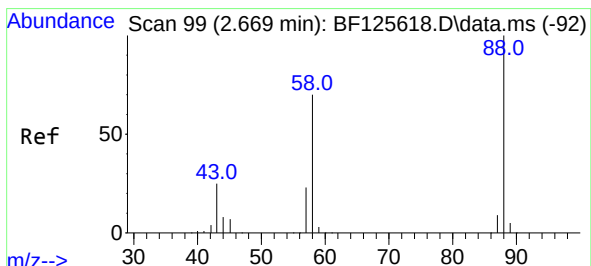
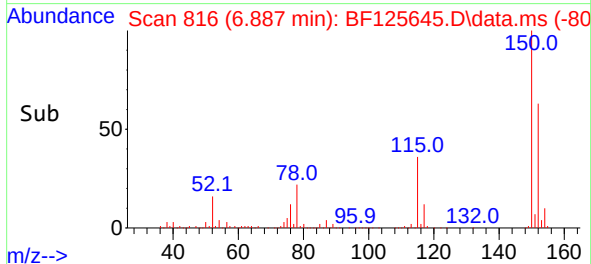
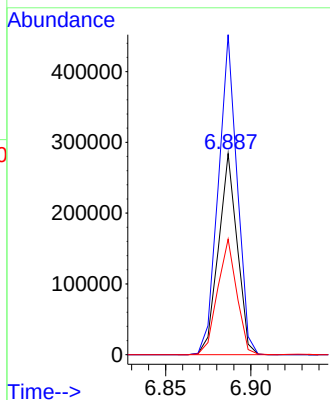
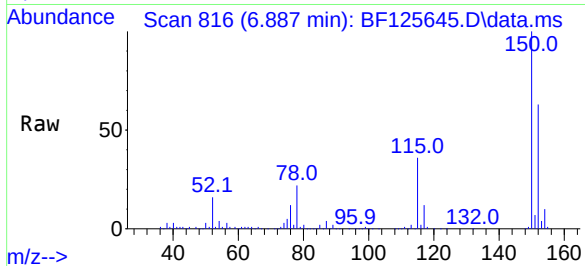




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

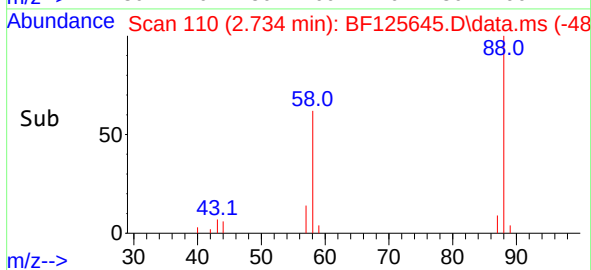
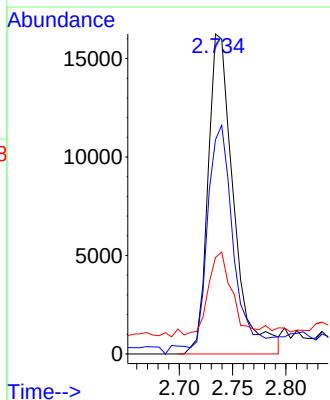
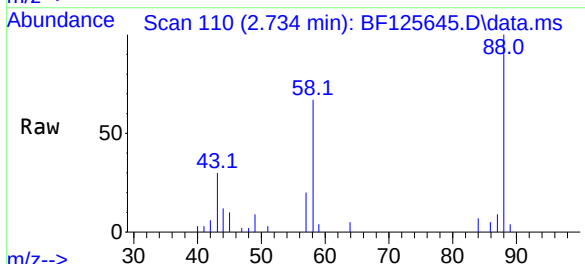
Instrument :  
BNA\_F  
ClientSampled :

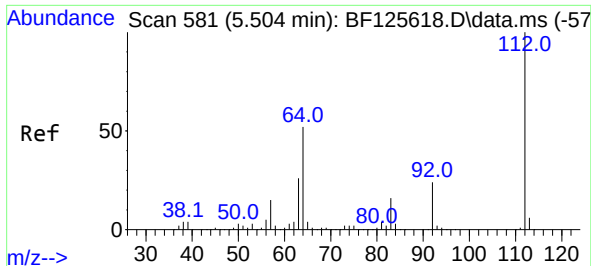
Tgt Ion:152 Resp: 217916  
Ion Ratio Lower Upper  
152 100  
150 159.1 117.6 176.4  
115 57.4 47.1 70.7



#2  
1,4-Dioxane  
Concen: 4.82 ng  
RT: 2.734 min Scan# 110  
Delta R.T. 0.065 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

Tgt Ion: 88 Resp: 27157  
Ion Ratio Lower Upper  
88 100  
58 74.9 0.0 0.0#  
43 23.6 0.0 0.0#

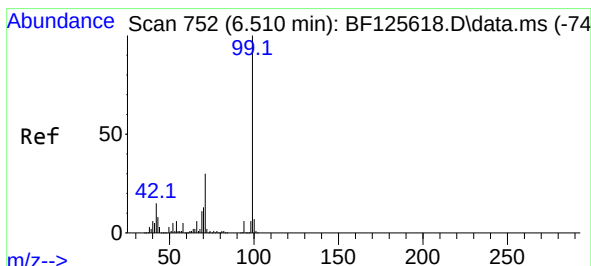
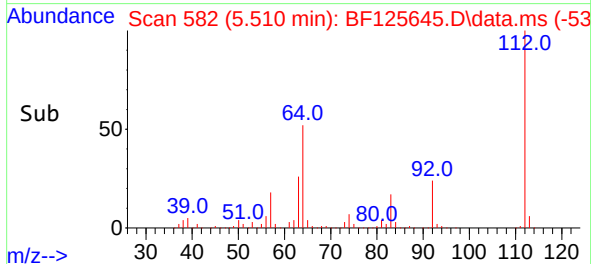
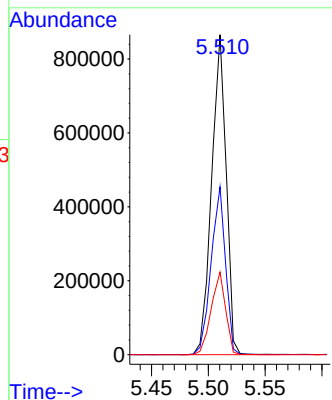
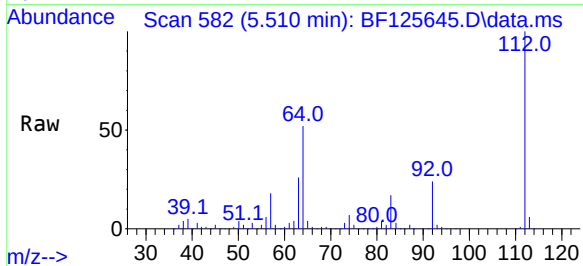




#5  
2-Fluorophenol  
Concen: 58.14 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

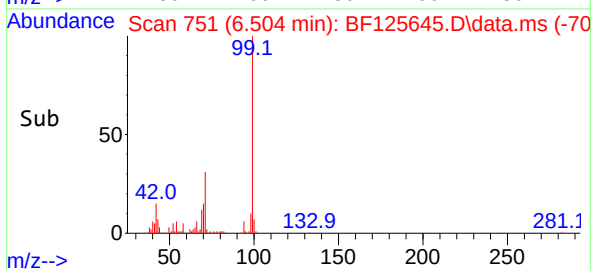
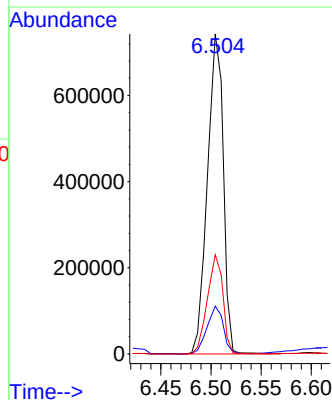
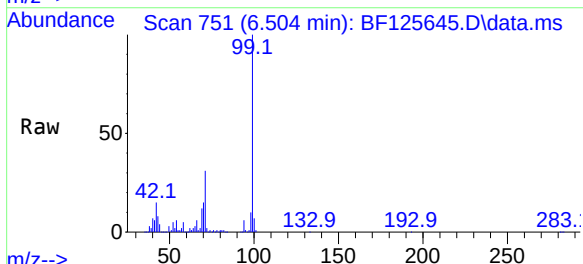
Instrument :  
BNA\_F  
ClientSampleId :

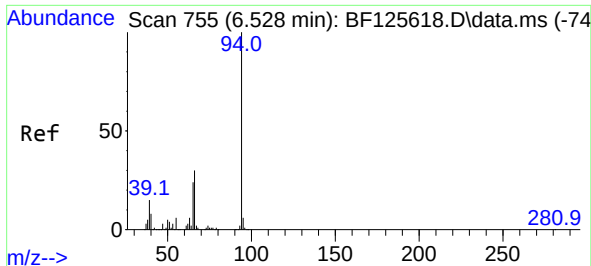
Tgt Ion:112 Resp: 769004  
Ion Ratio Lower Upper  
112 100  
64 52.5 44.2 66.2  
63 25.8 26.2 39.2#



#7  
Phenol-d6  
Concen: 46.17 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

Tgt Ion: 99 Resp: 820928  
Ion Ratio Lower Upper  
99 100  
42 14.9 23.5 35.3#  
71 31.0 25.6 38.4

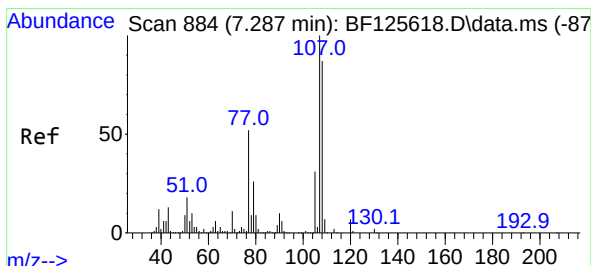
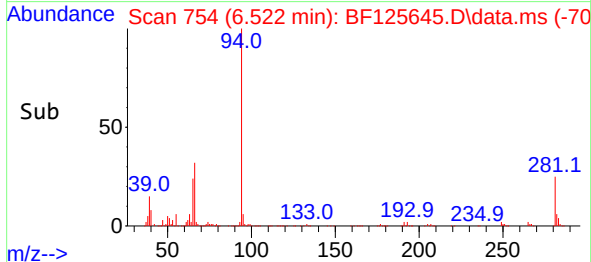
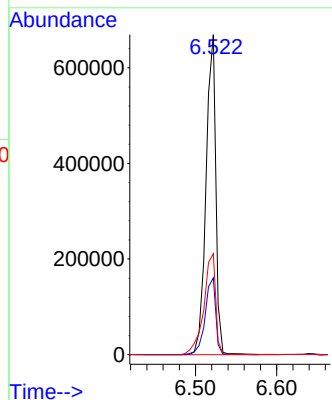
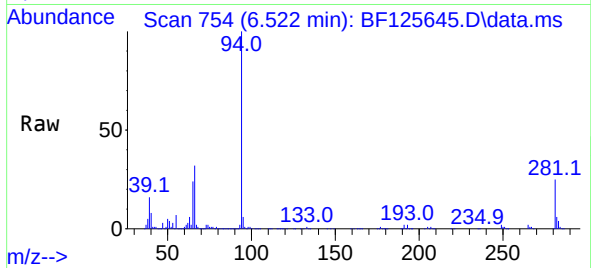




#10  
Phenol  
Concen: 31.17 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

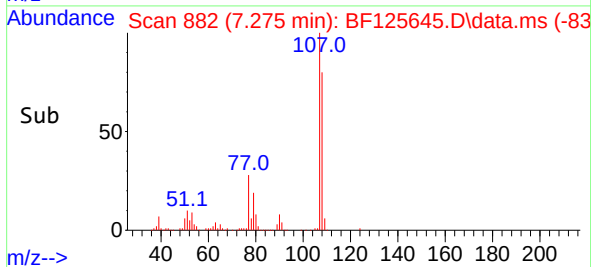
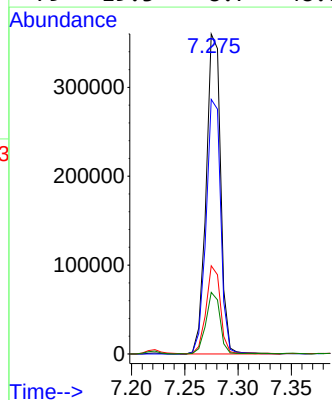
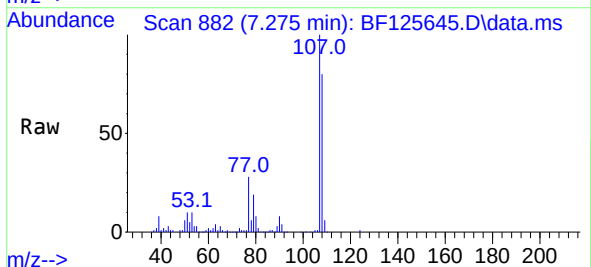
Instrument :  
BNA\_F  
ClientSampleId :

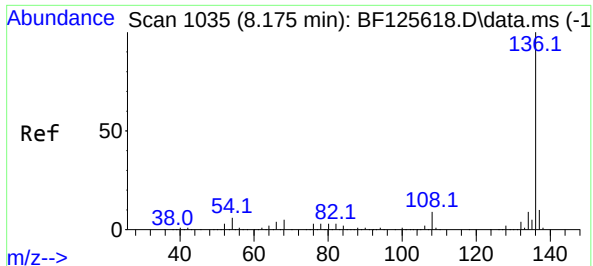
Tgt Ion: 94 Resp: 560188  
Ion Ratio Lower Upper  
94 100  
65 24.0 9.3 49.3  
66 31.5 20.3 60.3



#20  
3+4-Methylphenols  
Concen: 22.13 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.012 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

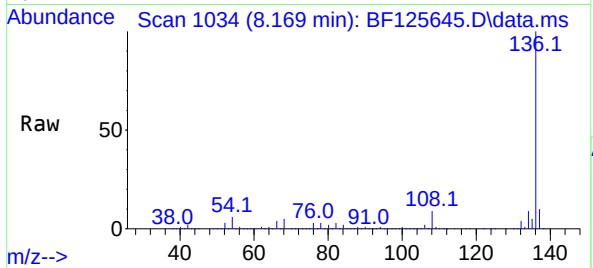
Tgt Ion: 107 Resp: 342252  
Ion Ratio Lower Upper  
107 100  
108 79.6 76.6 116.6  
77 27.6 53.3 93.3#  
79 19.3 8.7 48.7



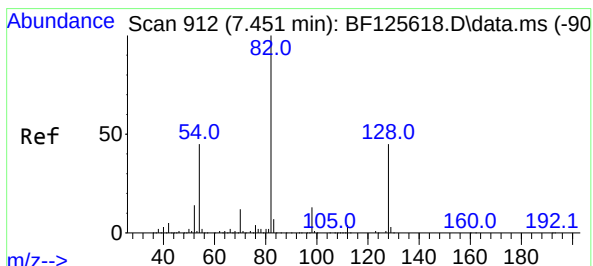
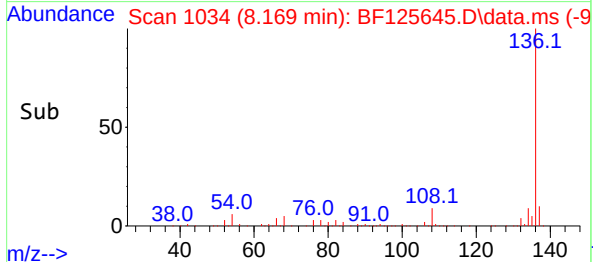
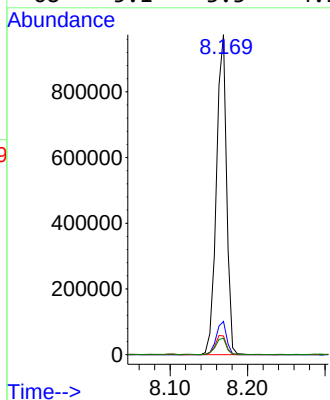


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

Instrument :  
BNA\_F  
ClientSampleId :

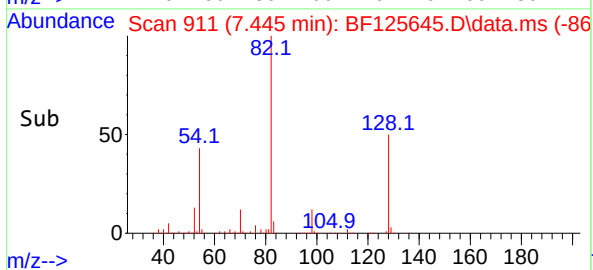
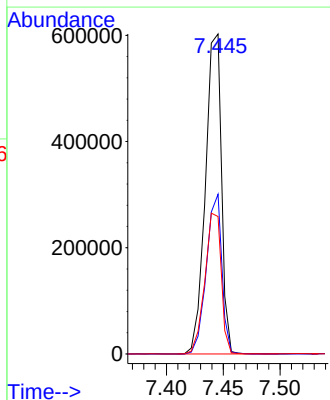
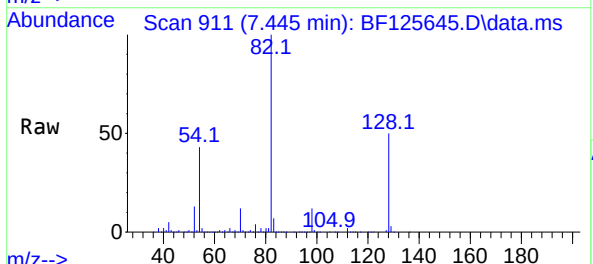


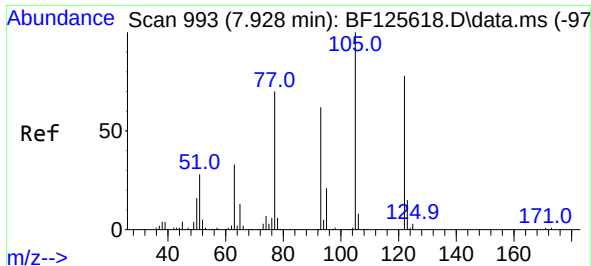
Tgt Ion:136 Resp: 887807  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.8 14.6  
54 5.9 6.4 9.6#  
68 5.1 3.3 4.9#



#23  
Nitrobenzene-d5  
Concen: 46.62 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

Tgt Ion: 82 Resp: 593354  
Ion Ratio Lower Upper  
82 100  
128 49.9 40.6 60.8  
54 43.0 49.6 74.4#

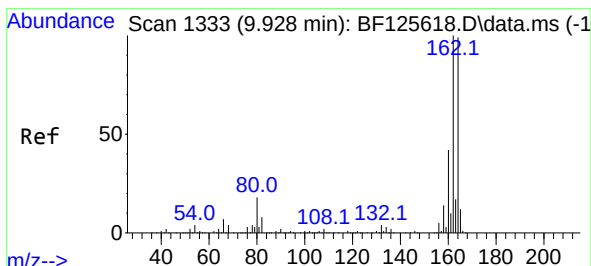
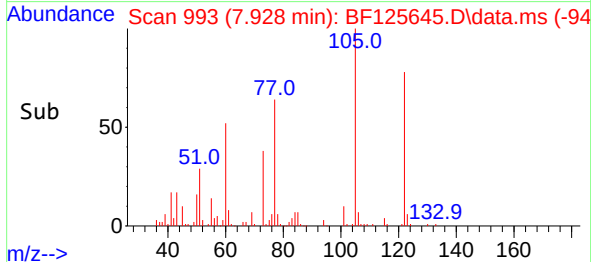
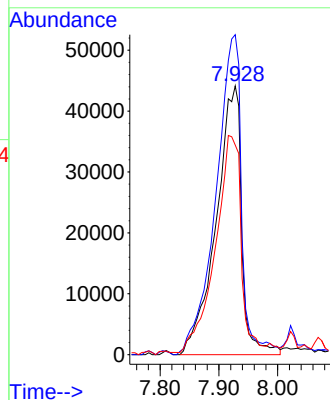
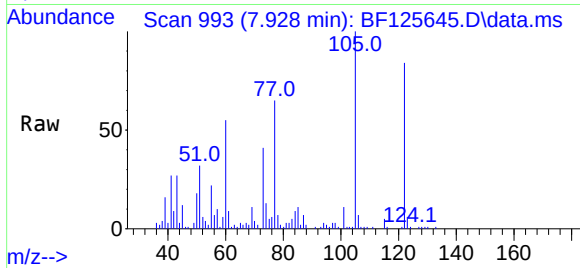




#32  
Benzoic acid  
Concen: 20.39 ng  
RT: 7.928 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

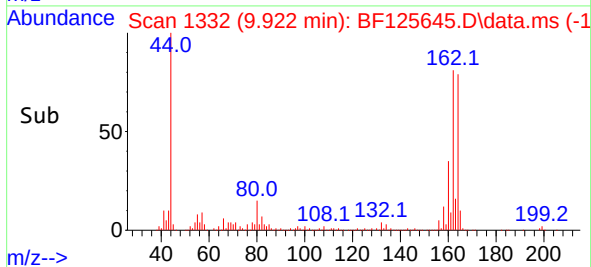
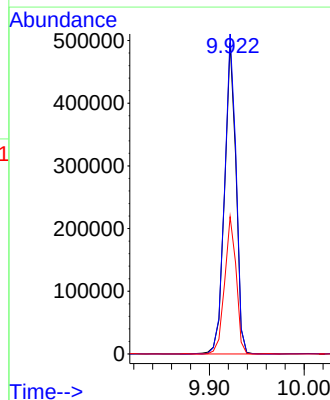
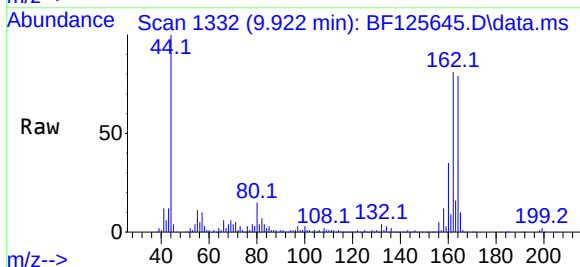
Instrument :  
BNA\_F  
ClientSampleId :

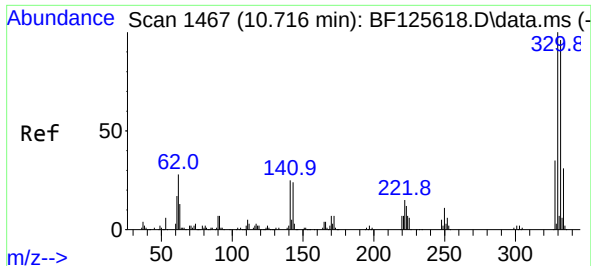
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 133233 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 119.1 | 97.6  | 137.6  |
| 77       | 78.0  | 59.6  | 99.6   |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 418425 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 102.8 | 81.3  | 121.9  |
| 160      | 44.1  | 38.0  | 57.0   |

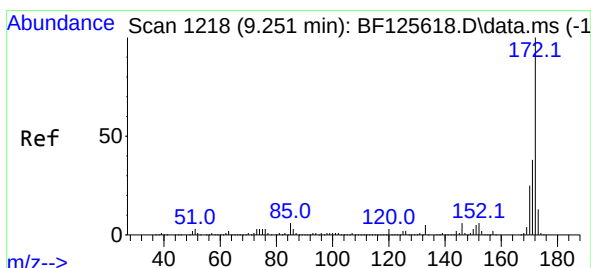
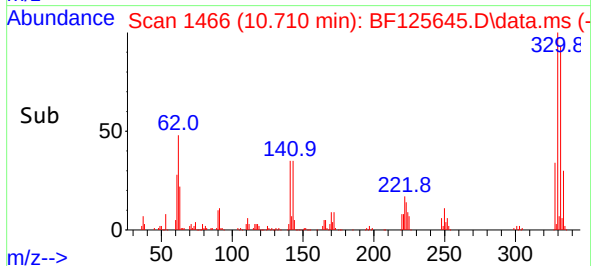
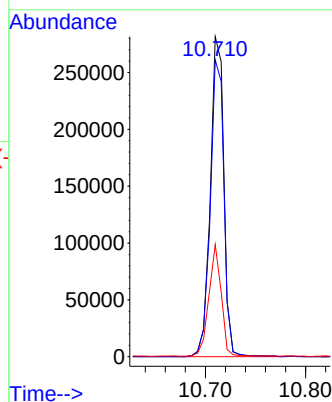
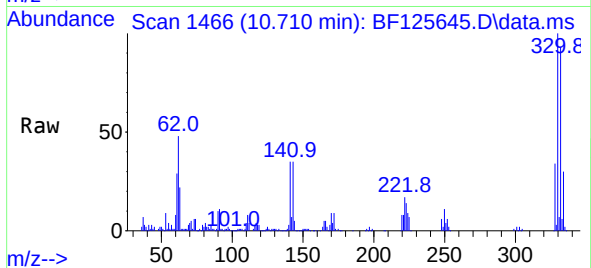




#42  
2,4,6-Tribromophenol  
Concen: 67.90 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

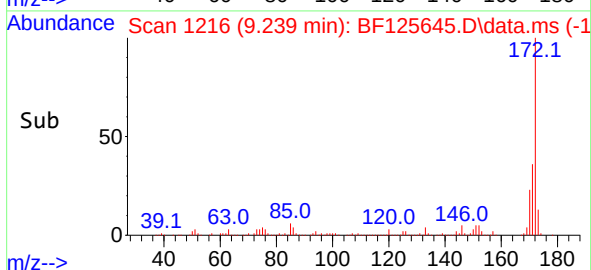
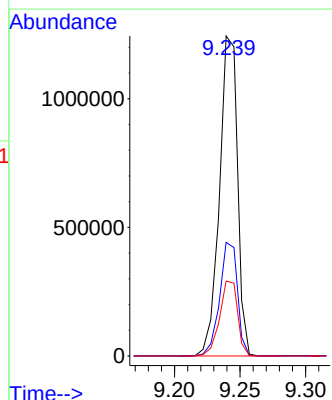
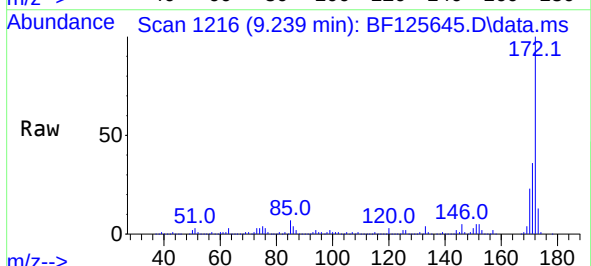
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:330 Resp: 264906  
Ion Ratio Lower Upper  
330 100  
332 93.7 76.2 114.4  
141 32.0 44.6 66.8#

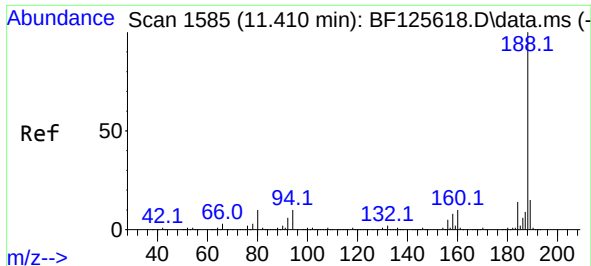


#45  
2-Fluorobiphenyl  
Concen: 44.75 ng  
RT: 9.239 min Scan# 1216  
Delta R.T. -0.012 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

Tgt Ion:172 Resp: 1189690  
Ion Ratio Lower Upper  
172 100  
171 35.5 26.5 39.7  
170 23.4 18.8 28.2



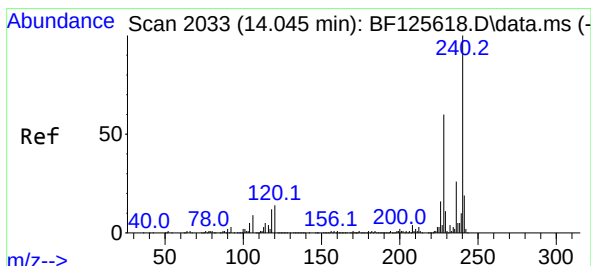
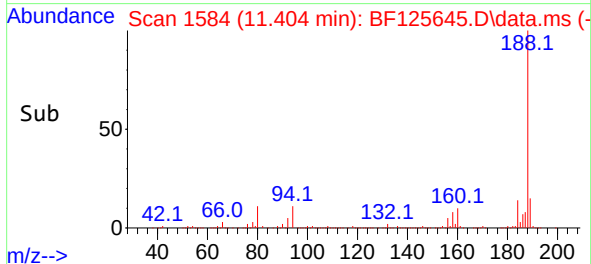
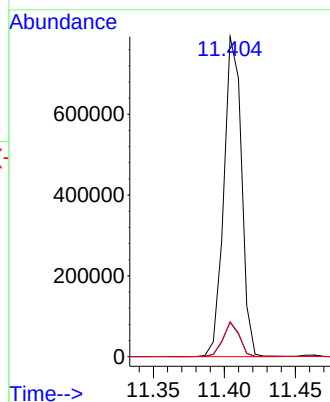
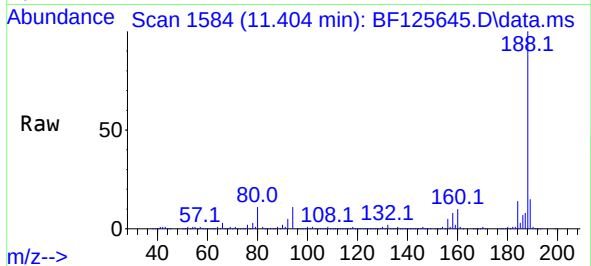




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

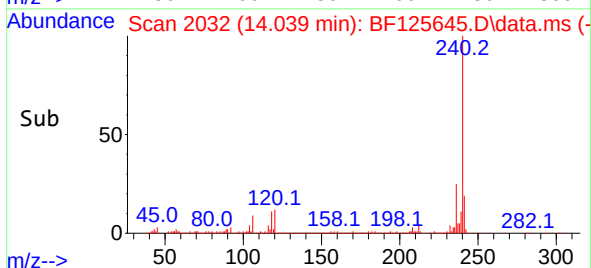
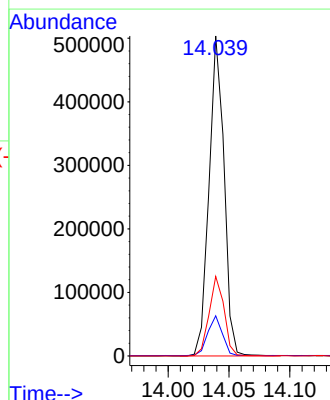
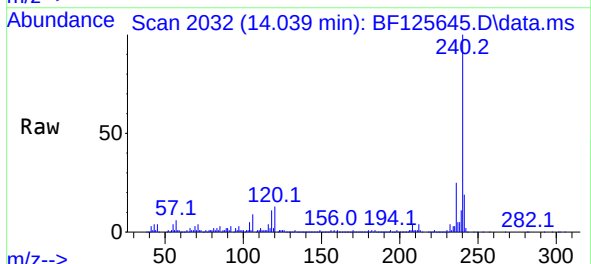
Instrument :  
BNA\_F  
ClientSampleId :

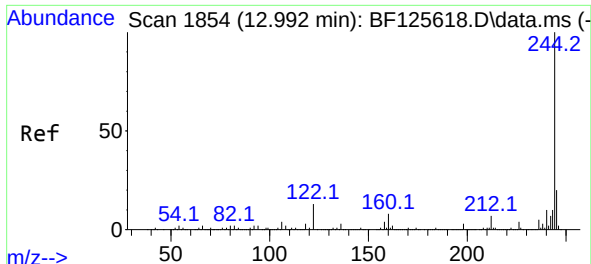
Tgt Ion:188 Resp: 685480  
Ion Ratio Lower Upper  
188 100  
94 10.7 6.7 10.1#  
80 10.9 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF125645.D  
Acq: 25 Sep 2021 4:01

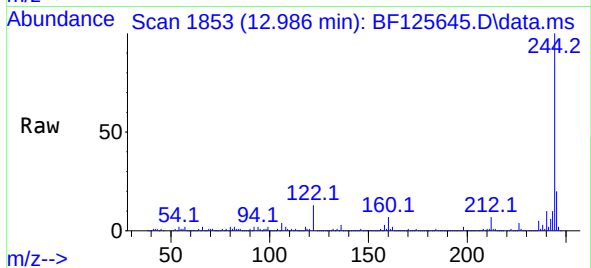
Tgt Ion:240 Resp: 433025  
Ion Ratio Lower Upper  
240 100  
120 12.5 10.8 16.2  
236 24.9 21.6 32.4



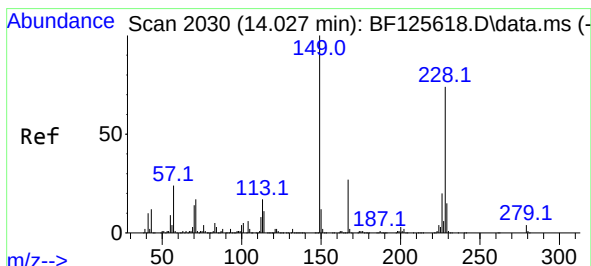
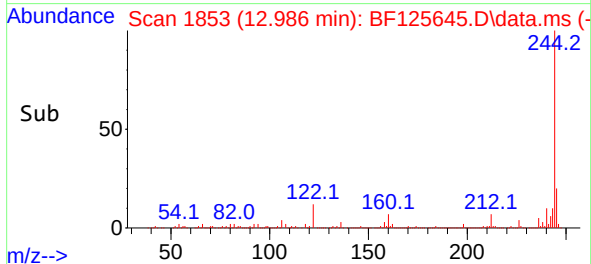
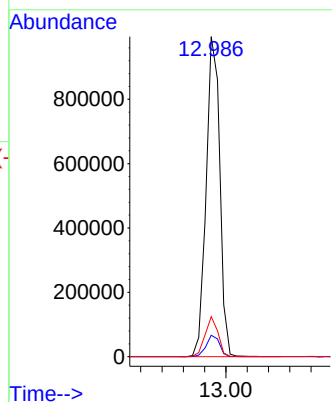


#79  
 Terphenyl-d14  
 Concen: 35.51 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. -0.006 min  
 Lab File: BF125645.D  
 Acq: 25 Sep 2021 4:01

Instrument :  
 BNA\_F  
 ClientSampled :

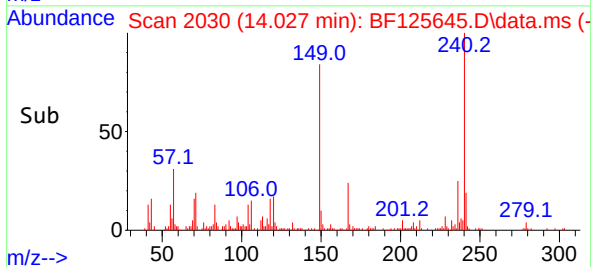
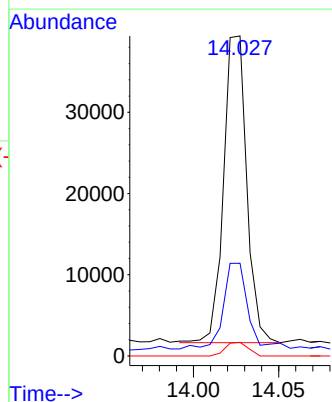
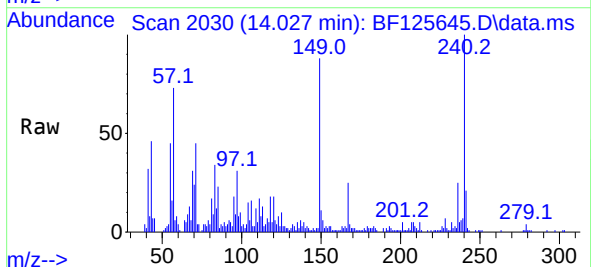


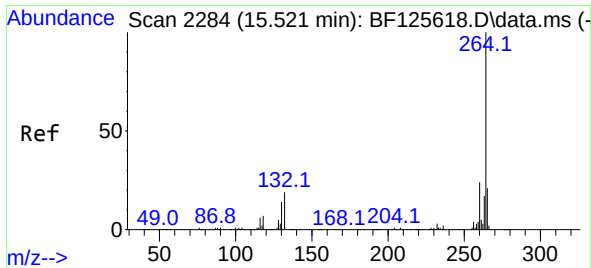
Tgt Ion:244 Resp: 887827  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.9 8.9  
 122 12.5 9.0 13.4



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.40 ng  
 RT: 14.027 min Scan# 2030  
 Delta R.T. 0.000 min  
 Lab File: BF125645.D  
 Acq: 25 Sep 2021 4:01

Tgt Ion:149 Resp: 35676  
 Ion Ratio Lower Upper  
 149 100  
 167 28.9 21.4 32.0  
 279 4.2 2.6 4.0#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.515 min Scan# 2283  
 Delta R.T. -0.006 min  
 Lab File: BF125645.D  
 Acq: 25 Sep 2021 4:01

Instrument :  
 BNA\_F  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 278892    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.9  | 19.6 29.4 |
| 265         | 20.2  | 17.2 25.8 |

