

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071621\  
 Data File : BF124600.D  
 Acq On : 16 Jul 2021 17:14  
 Operator : JU/CG  
 Sample : M3061-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB-2021-WW-000-08

Quant Time: Jul 16 17:40:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 08 07:49:42 2021  
 Response via : Initial Calibration

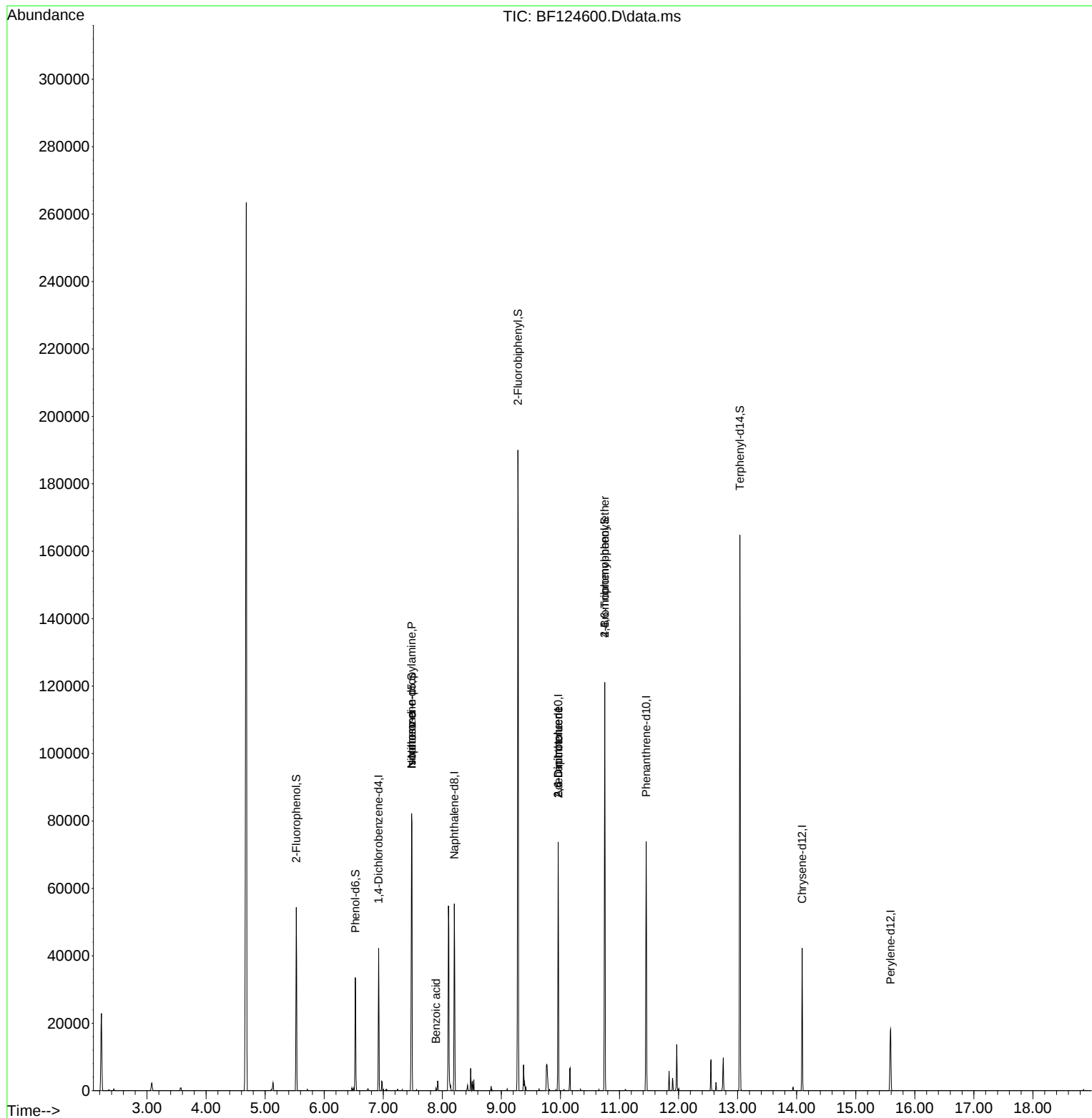
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 6103     | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 24570    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.963  | 164  | 13834    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.451 | 188  | 26817    | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.092 | 240  | 13861    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.592 | 264  | 10017    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 14210    | 40.341 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.528  | 99   | 10053    | 23.460 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 26399    | 67.826 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 10590    | 98.371 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.280  | 172  | 61774    | 65.116 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 53833    | 65.217 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.481  | 70   | 3522     | 14.619 | ng    | # 78     |
| 25) Isophorone                | 7.481  | 82   | 26398    | 36.946 | ng    | # 59     |
| 32) Benzoic acid              | 7.892  | 122  | 113      | 5.665  | ng    | # 62     |
| 51) 2,6-Dinitrotoluene        | 9.963  | 165  | 1816     | 9.571  | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.963  | 165  | 1816     | 6.991  | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.751 | 248  | 874      | 3.152  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

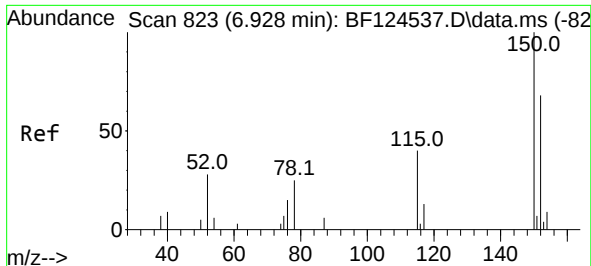
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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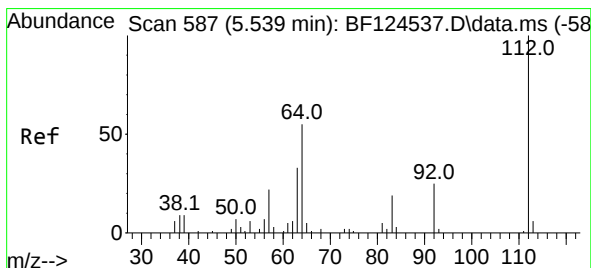
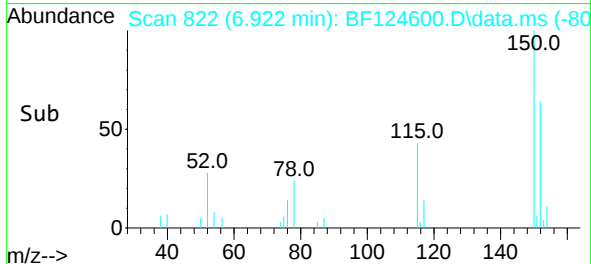
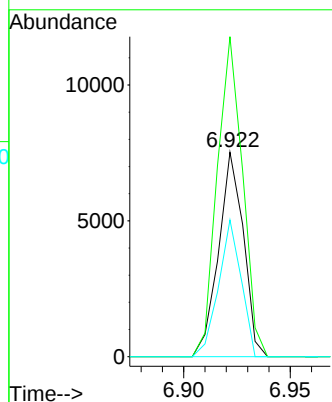
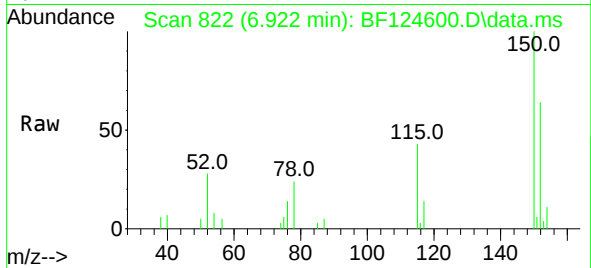




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.922 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

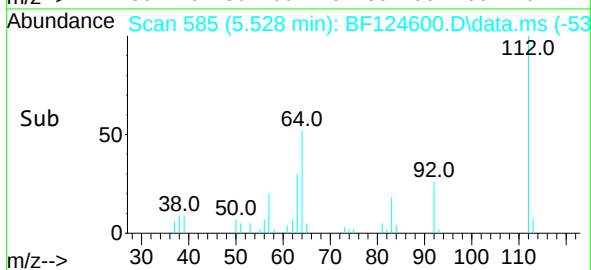
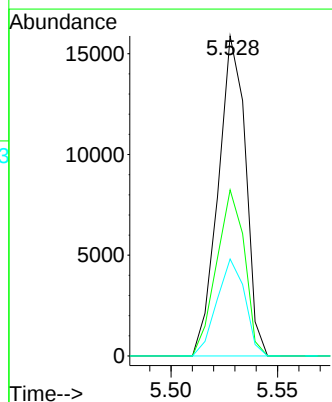
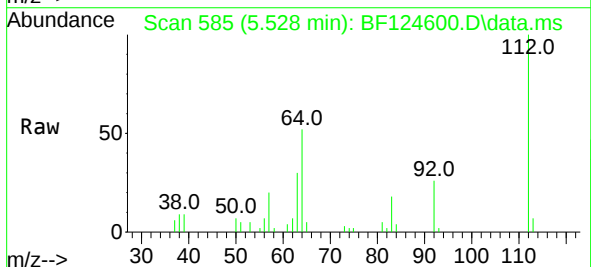
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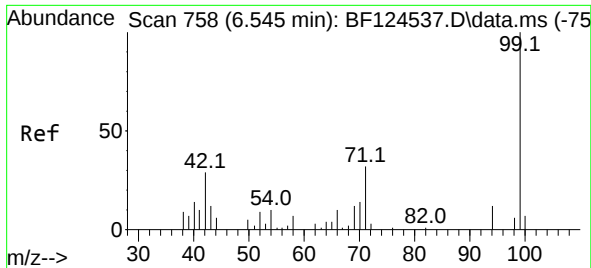
Tgt Ion:152 Resp: 6103  
Ion Ratio Lower Upper  
152 100  
150 156.5 117.6 176.4  
115 66.9 47.1 70.7



#5  
2-Fluorophenol  
Concen: 40.341 ng  
RT: 5.528 min Scan# 585  
Delta R.T. -0.011 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

Tgt Ion:112 Resp: 14210  
Ion Ratio Lower Upper  
112 100  
64 51.9 44.2 66.2  
63 30.3 26.2 39.2

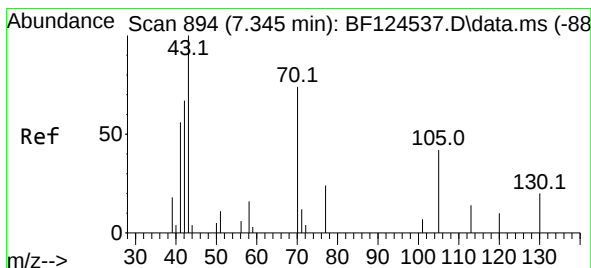
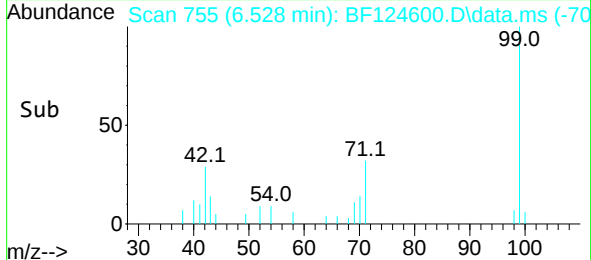
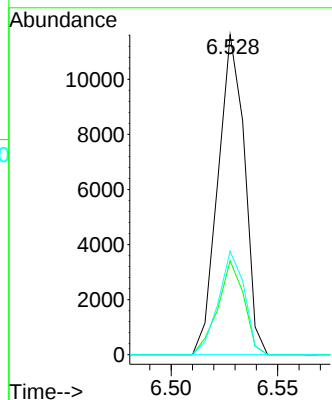
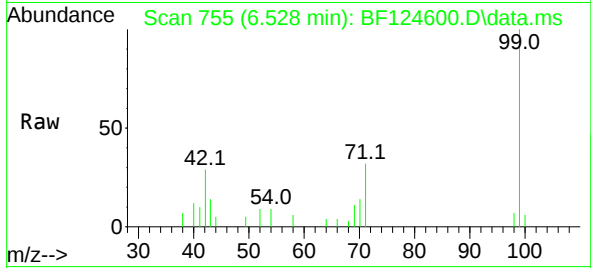




#7  
Phenol-d6  
Concen: 23.460 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.017 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

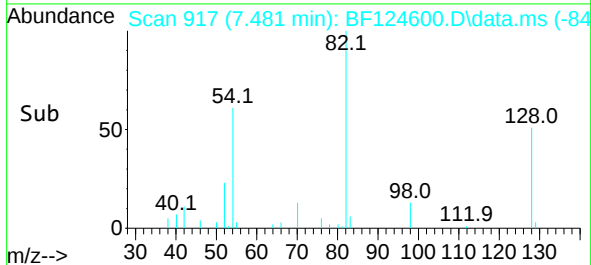
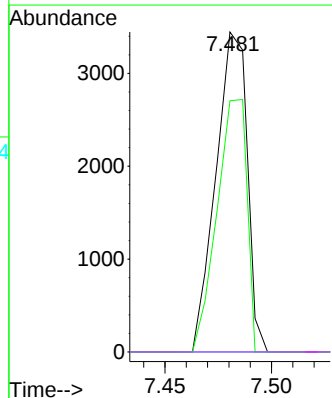
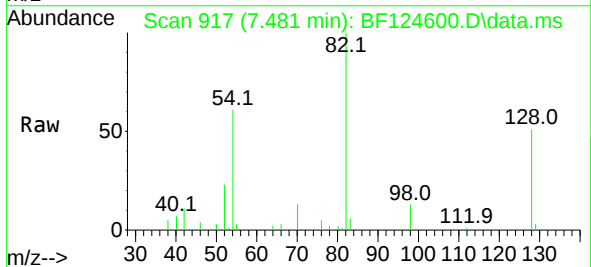
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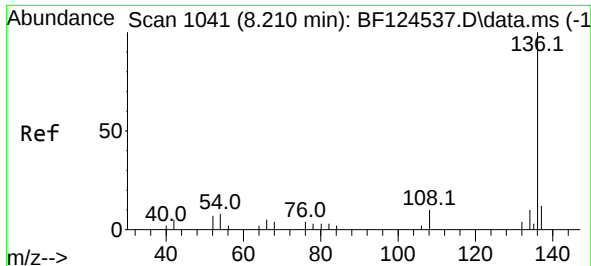
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 10053 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 29.4  | 23.5  | 35.3  |
| 71       | 32.3  | 25.6  | 38.4  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.619 ng  
RT: 7.481 min Scan# 917  
Delta R.T. 0.135 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 3522  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 78.5  | 72.2  | 108.2 |
| 101      | 0.0   | 7.8   | 11.8# |
| 130      | 0.0   | 21.8  | 32.6# |

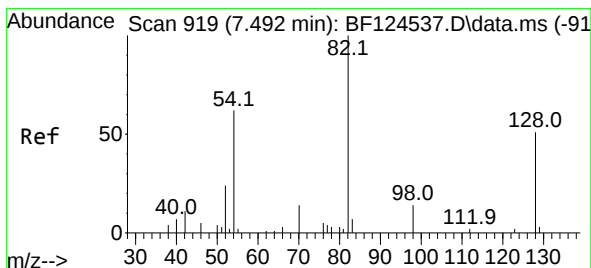
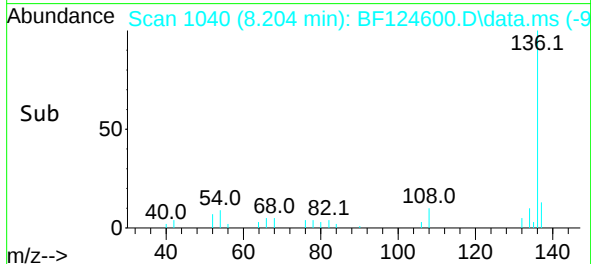
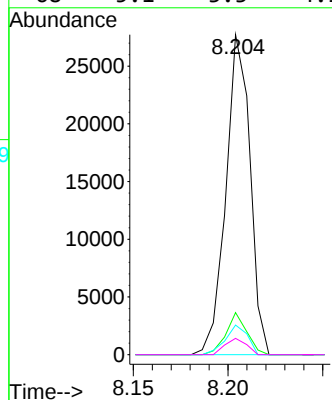
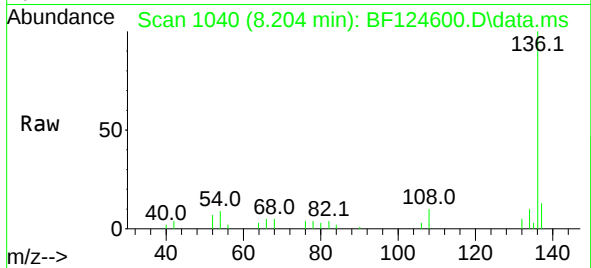




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

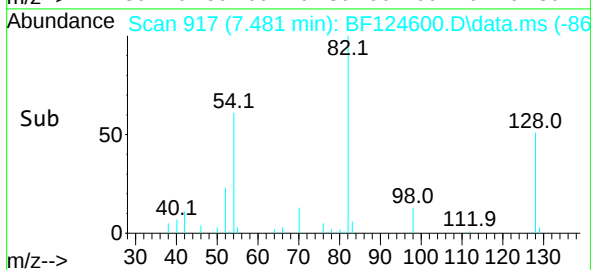
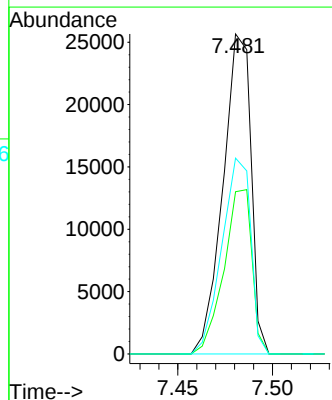
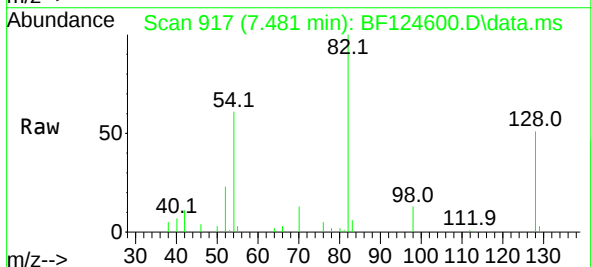
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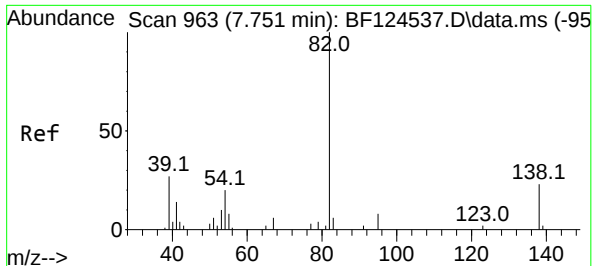
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 24570 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 13.2  | 9.8   | 14.6  |
| 54        | 9.2   | 6.4   | 9.6   |
| 68        | 5.1   | 3.3   | 4.9#  |



#23  
Nitrobenzene-d5  
Concen: 67.826 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.011 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 26399 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 50.7  | 40.6  | 60.8  |
| 54        | 61.2  | 49.6  | 74.4  |

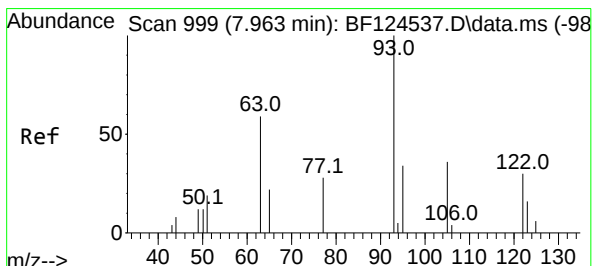
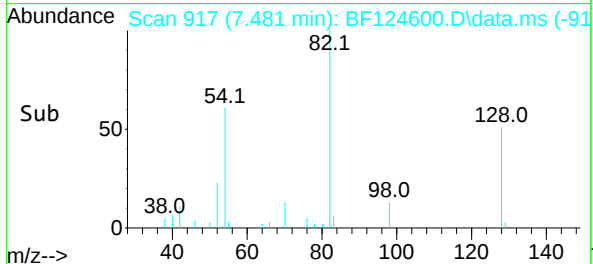
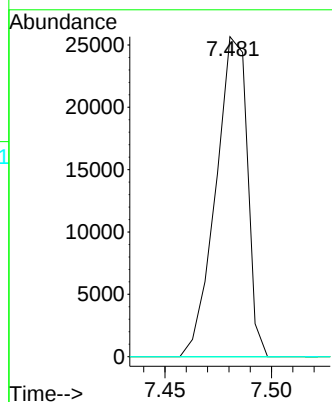
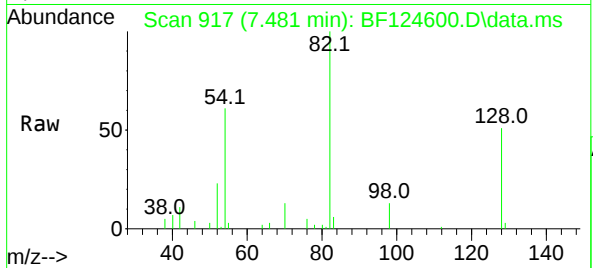




#25  
Isophorone  
Concen: 36.946 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.271 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

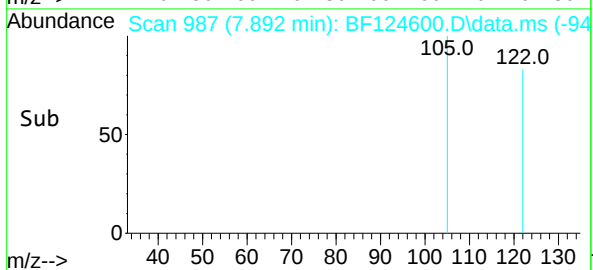
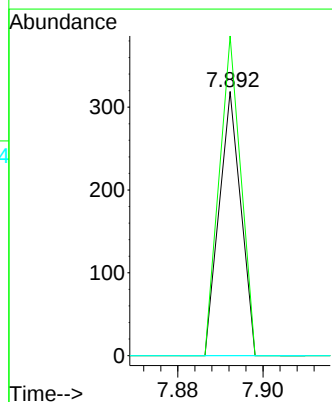
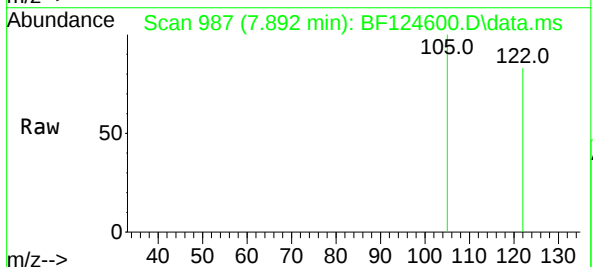
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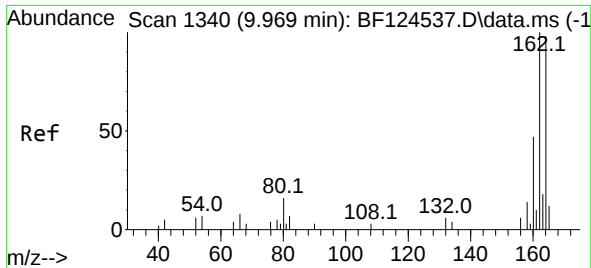
Tgt Ion: 82 Resp: 26398  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#32  
Benzoic acid  
Concen: 5.665 ng  
RT: 7.892 min Scan# 987  
Delta R.T. -0.071 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

Tgt Ion:122 Resp: 113  
Ion Ratio Lower Upper  
122 100  
105 121.0 97.6 137.6  
77 0.0 59.6 99.6#

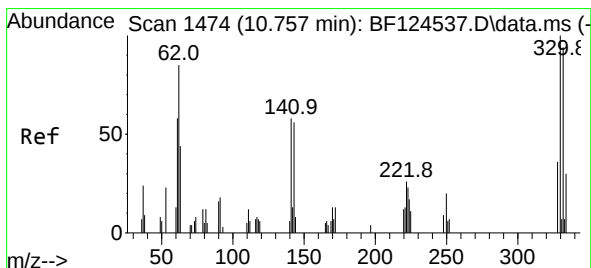
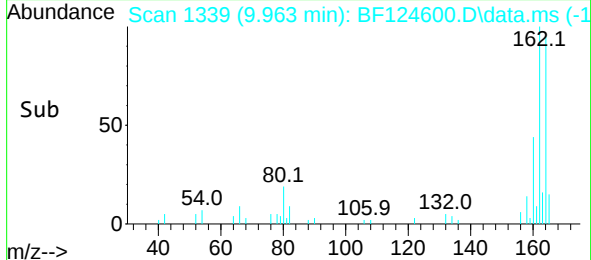
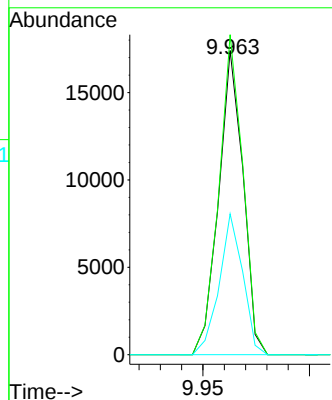
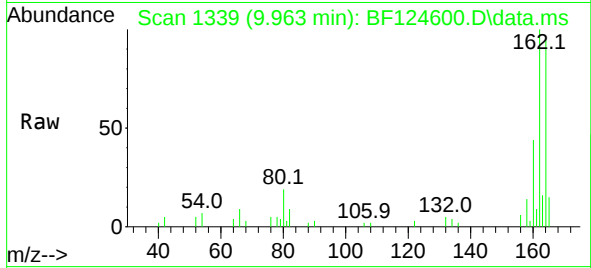




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.006 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

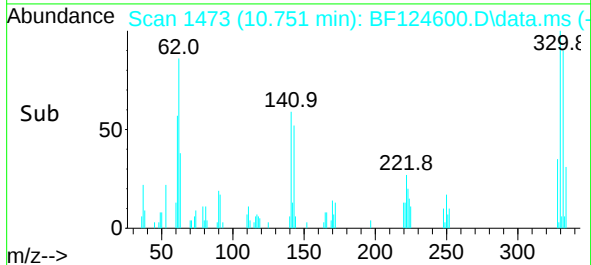
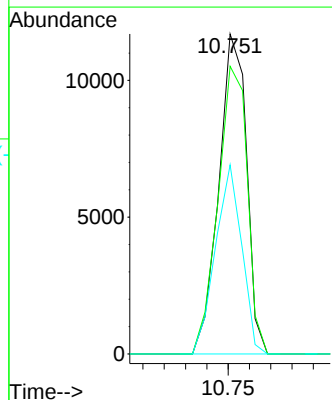
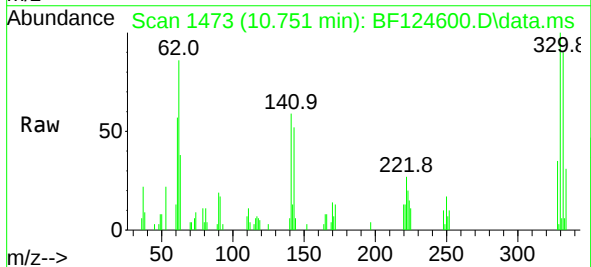
Instrument :  
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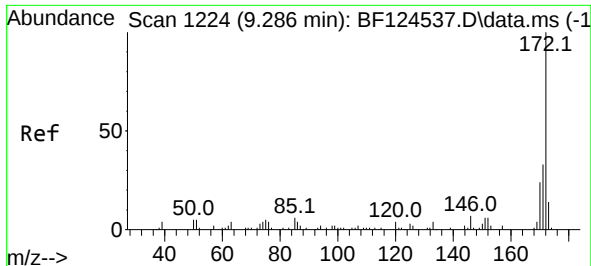
Tgt Ion:164 Resp: 13834  
Ion Ratio Lower Upper  
164 100  
162 105.2 81.3 121.9  
160 46.3 38.0 57.0



#42  
2,4,6-Tribromophenol  
Concen: 98.371 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. -0.006 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

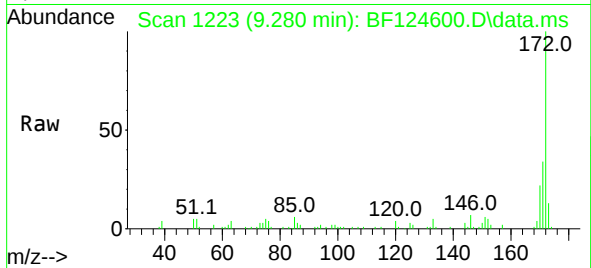
Tgt Ion:330 Resp: 10590  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.2 114.4  
141 56.0 44.6 66.8



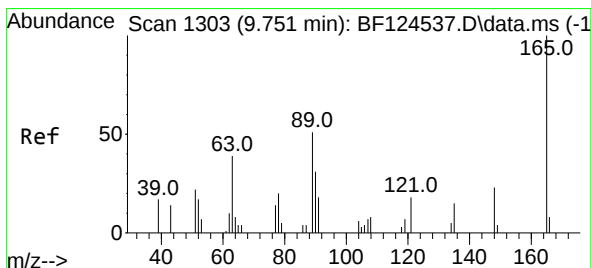
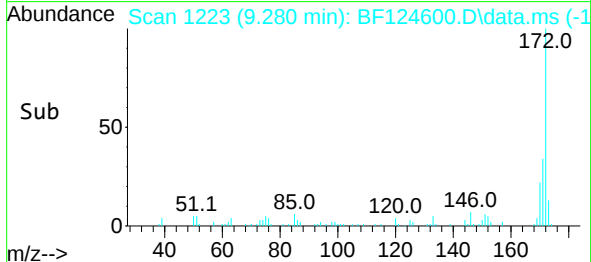
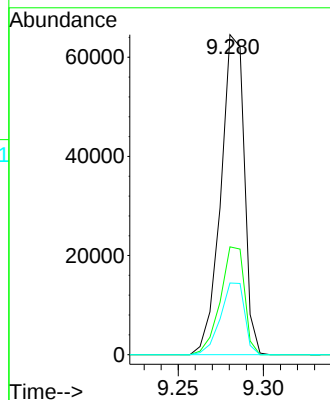


#45  
2-Fluorobiphenyl  
Concen: 65.116 ng  
RT: 9.280 min Scan# 1223  
Delta R.T. -0.006 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB-2021-WW-000-08

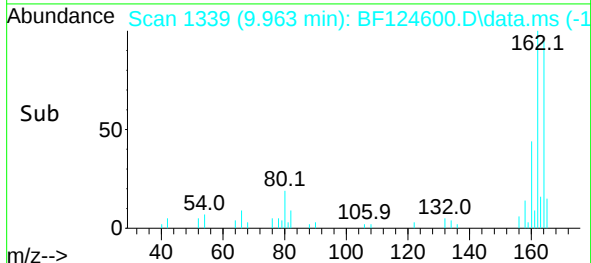
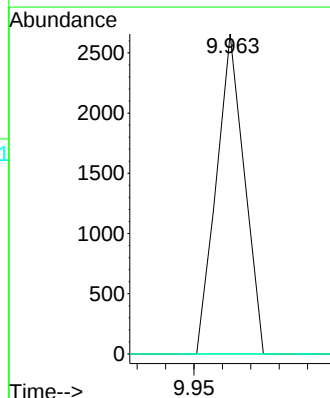
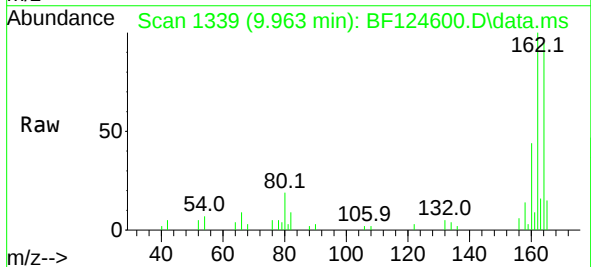


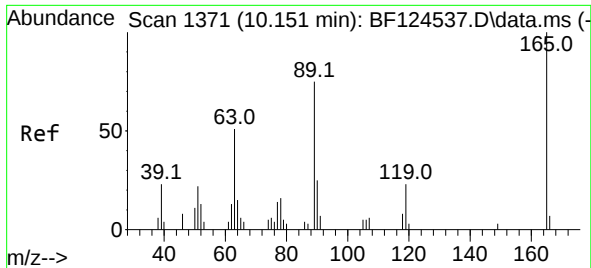
Tgt Ion:172 Resp: 61774  
Ion Ratio Lower Upper  
172 100  
171 33.7 26.5 39.7  
170 22.4 18.8 28.2



#51  
2,6-Dinitrotoluene  
Concen: 9.571 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.212 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

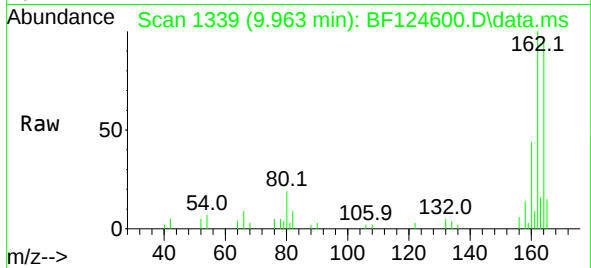
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Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



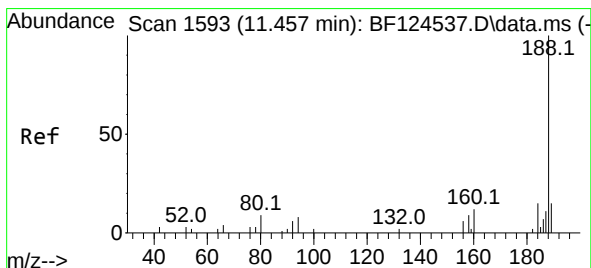
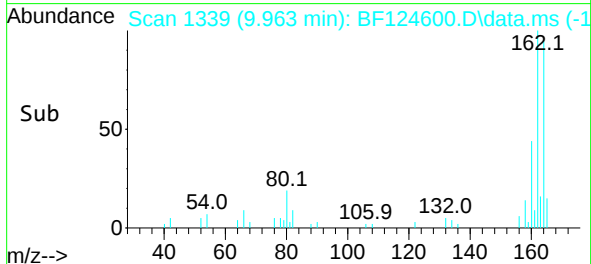
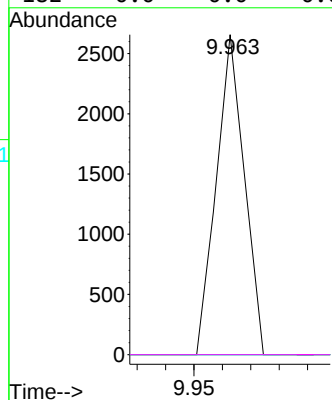


#57  
2,4-Dinitrotoluene  
Concen: 6.991 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.188 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB-2021-WW-000-08

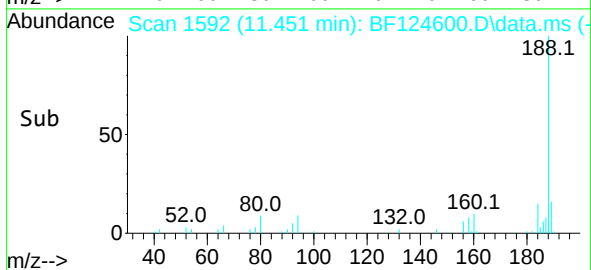
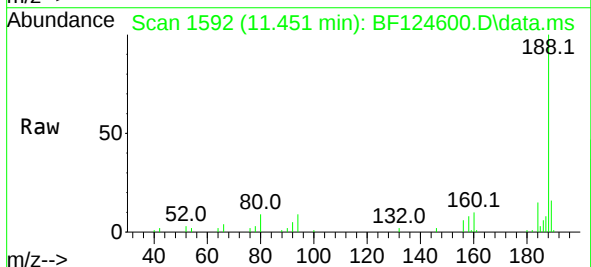
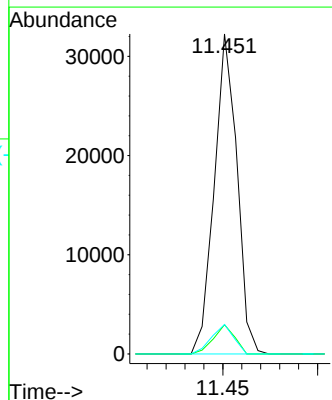


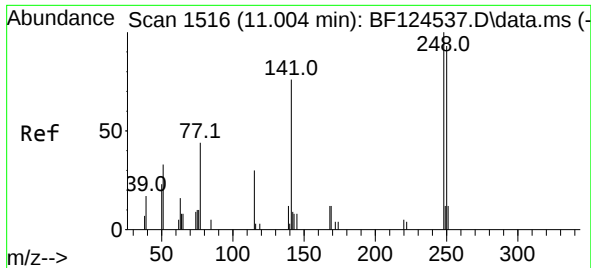
Tgt Ion:165 Resp: 1816  
Ion Ratio Lower Upper  
165 100  
63 0.0 40.9 61.3#  
89 0.0 59.7 89.5#  
182 0.0 0.0 0.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. -0.006 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

Tgt Ion:188 Resp: 26817  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.7 10.1  
80 9.2 7.5 11.3

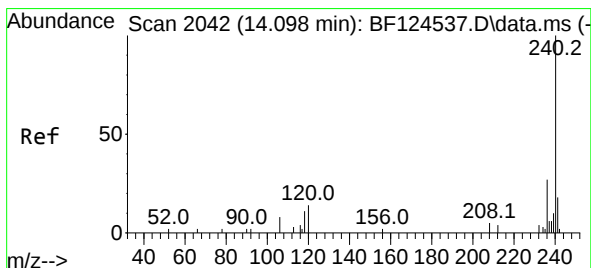
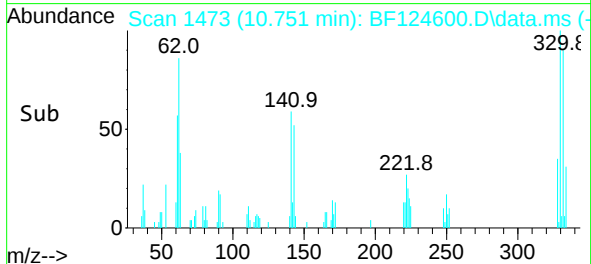
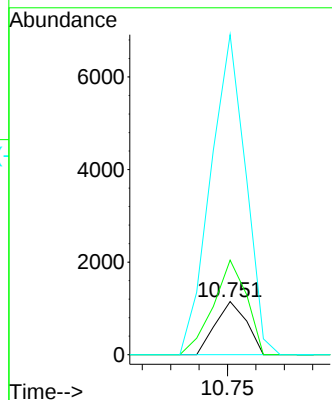
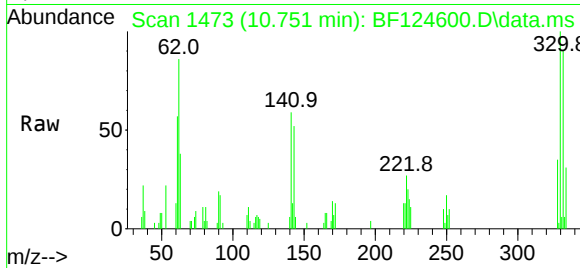




#67  
4-Bromophenyl-phenylether  
Concen: 3.152 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. -0.253 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

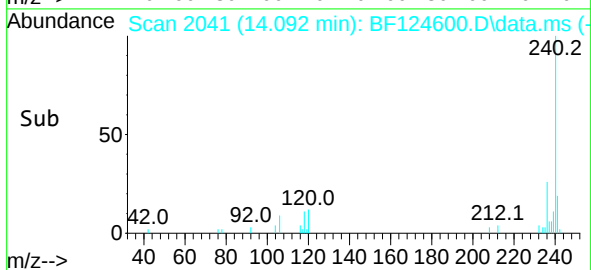
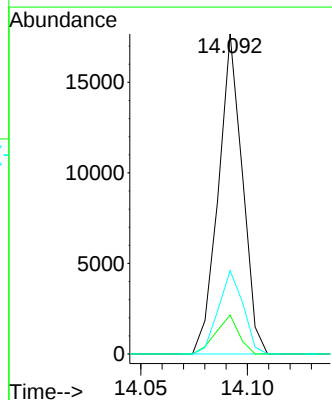
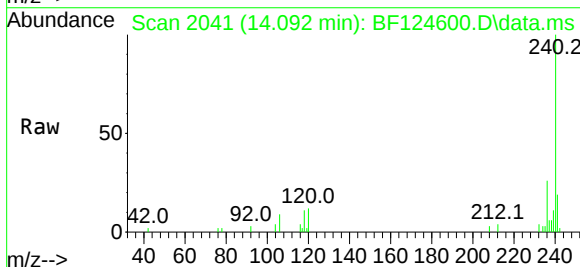
Instrument :  
BNA\_F  
ClientSampleId :  
PB-2021-WW-000-08

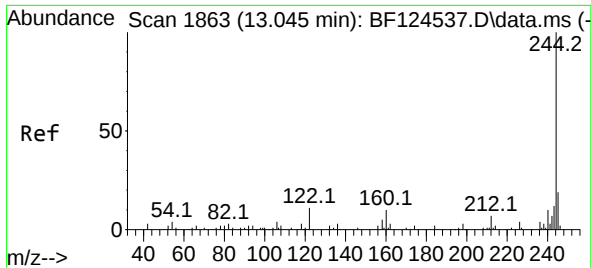
Tgt Ion:248 Resp: 874  
Ion Ratio Lower Upper  
248 100  
250 177.9 74.2 111.4#  
141 602.3 60.4 90.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2041  
Delta R.T. -0.006 min  
Lab File: BF124600.D  
Acq: 16 Jul 2021 17:14

Tgt Ion:240 Resp: 13861  
Ion Ratio Lower Upper  
240 100  
120 12.2 10.8 16.2  
236 26.0 21.6 32.4

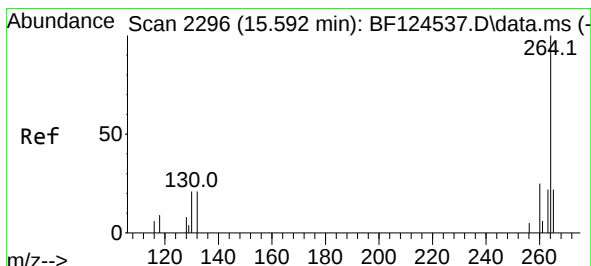
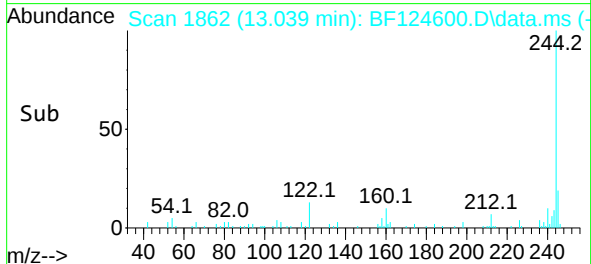
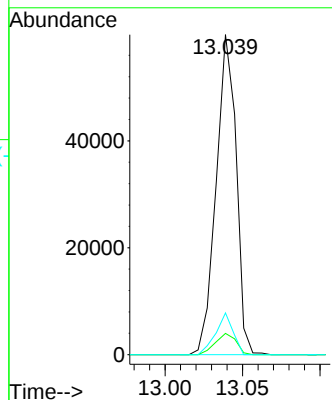
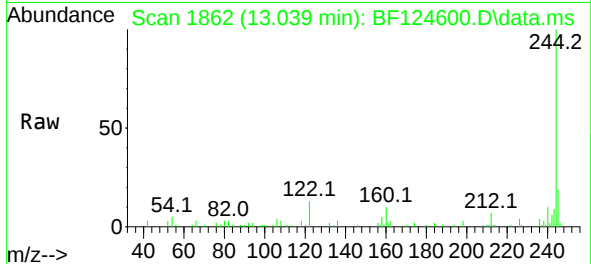




#79  
 Terphenyl-d14  
 Concen: 65.217 ng  
 RT: 13.039 min Scan# 1862  
 Delta R.T. -0.006 min  
 Lab File: BF124600.D  
 Acq: 16 Jul 2021 17:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB-2021-WW-000-08

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 53833    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 6.6   | 5.9 8.9  |
| 122         | 13.1  | 9.0 13.4 |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.592 min Scan# 2296  
 Delta R.T. 0.000 min  
 Lab File: BF124600.D  
 Acq: 16 Jul 2021 17:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 10017     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.1  | 19.6 29.4 |
| 265         | 22.6  | 17.2 25.8 |

