

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072321\  
 Data File : BF124725.D  
 Acq On : 23 Jul 2021 21:51  
 Operator : JU/CG  
 Sample : M3150-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 23 23:30:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 2021  
 Response via : Initial Calibration

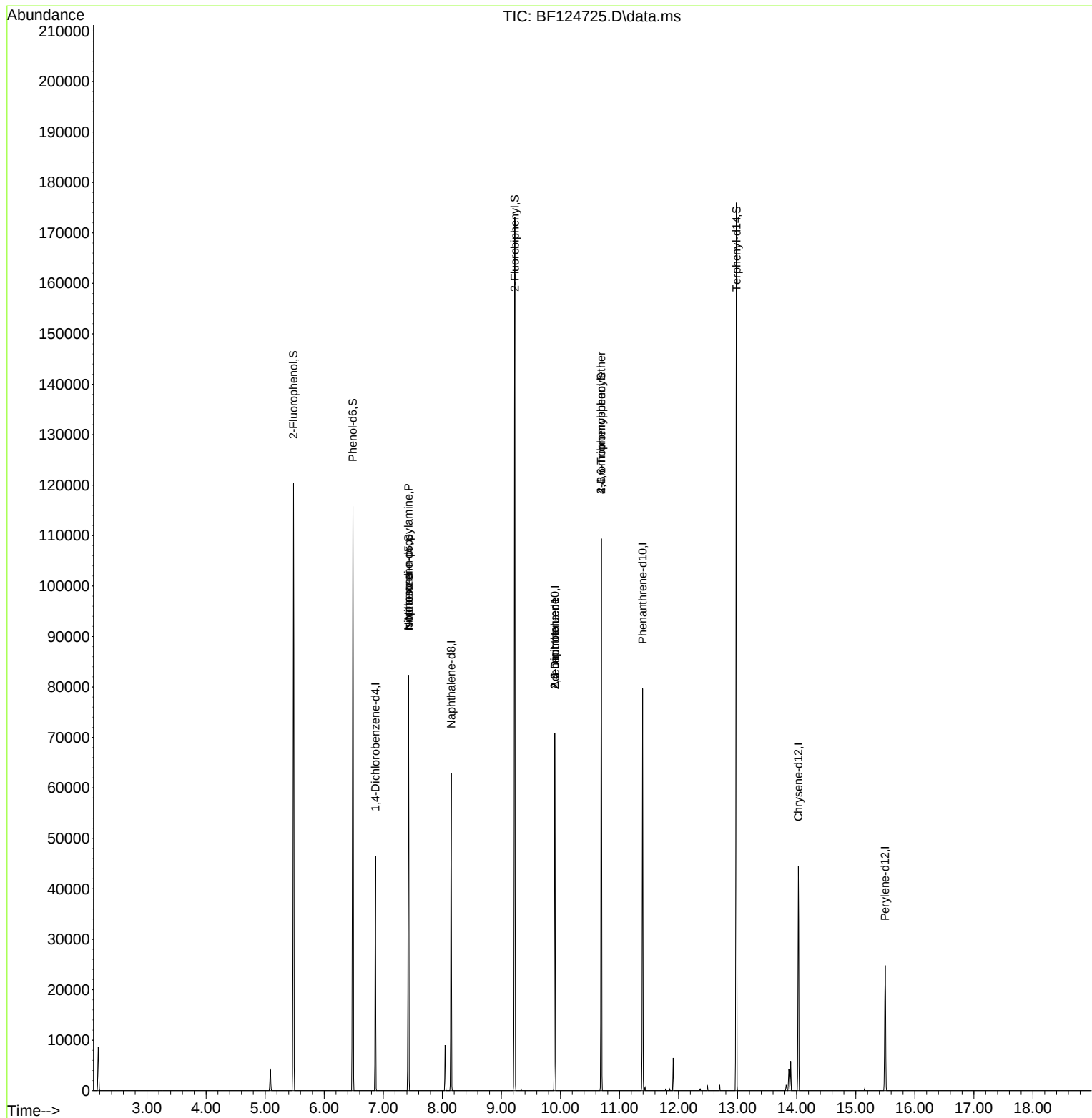
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 6355     | 20.00 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 8.151  | 136  | 27511    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 14794    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 27570    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 16619    | 20.00 | ng    | -0.01    |
| 86) Perylene-d12              | 15.498 | 264  | 12605    | 20.00 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 32436    | 86.42 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 37744    | 80.21 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 23825    | 51.54 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 10254    | 80.73 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 53143    | 52.76 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 55281    | 57.02 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.428  | 70   | 3038     | 12.09 | ng    | # 73     |
| 25) Isophorone                | 7.428  | 82   | 23824    | 29.15 | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 1861     | 8.27  | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 1861     | 6.09  | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 737      | 2.52  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

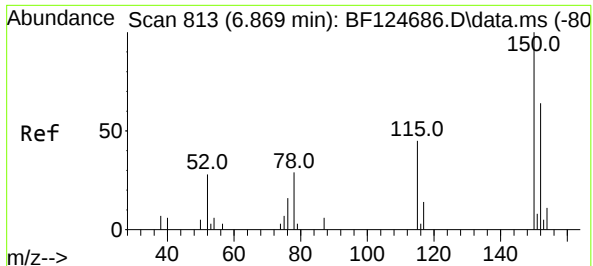
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 22 15:28:57 2021  
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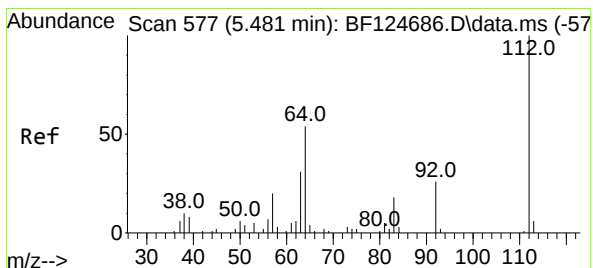
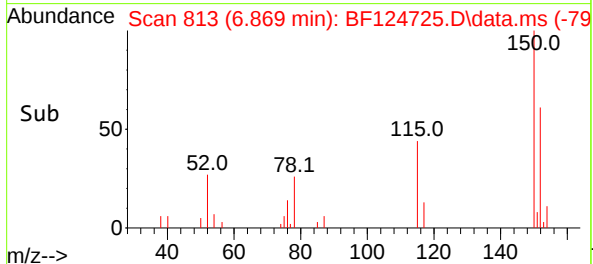
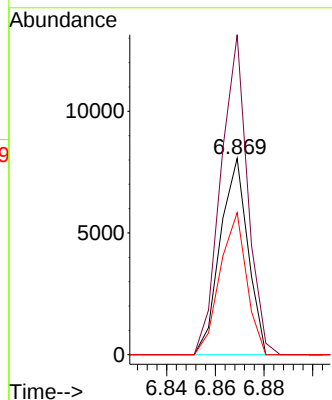
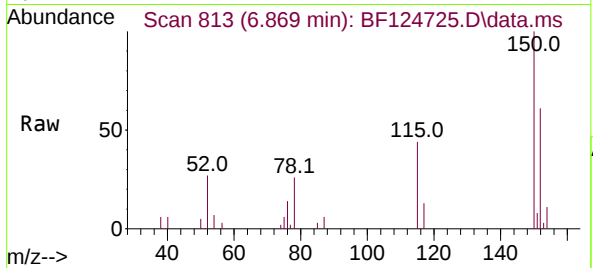




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

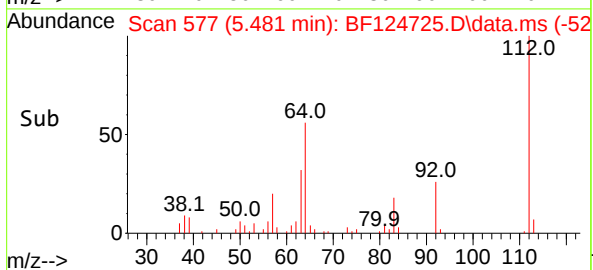
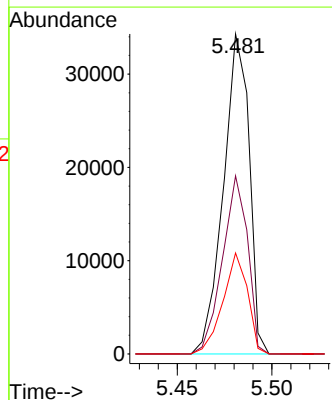
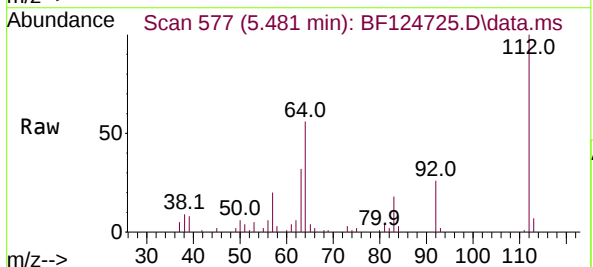
Instrument :  
BNA\_F  
ClientSampleId :

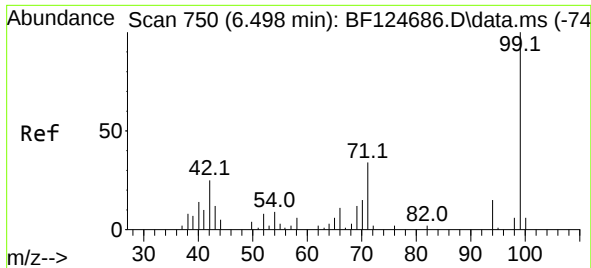
Tgt Ion:152 Resp: 6355  
Ion Ratio Lower Upper  
152 100  
150 163.0 117.6 176.4  
115 72.4 47.1 70.7#



#5  
2-Fluorophenol  
Concen: 86.42 ng  
RT: 5.481 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

Tgt Ion:112 Resp: 32436  
Ion Ratio Lower Upper  
112 100  
64 55.6 44.2 66.2  
63 31.5 26.2 39.2

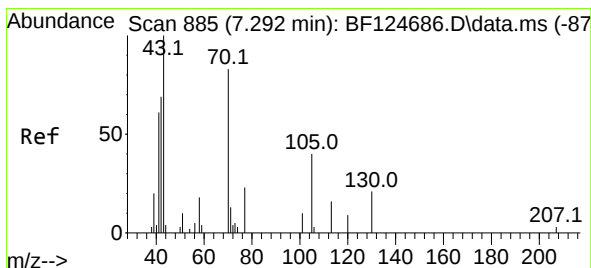
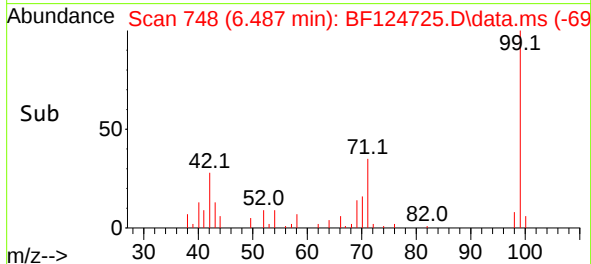
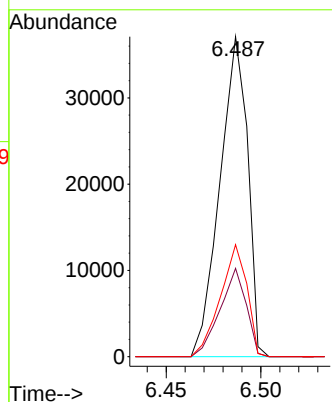
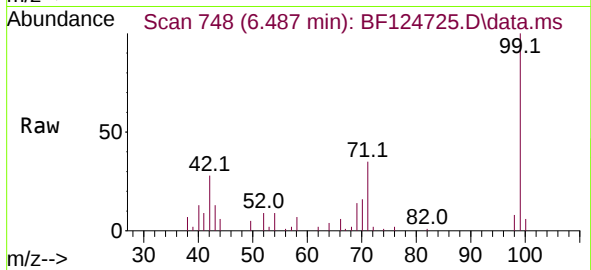




#7  
Phenol-d6  
Concen: 80.21 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.012 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

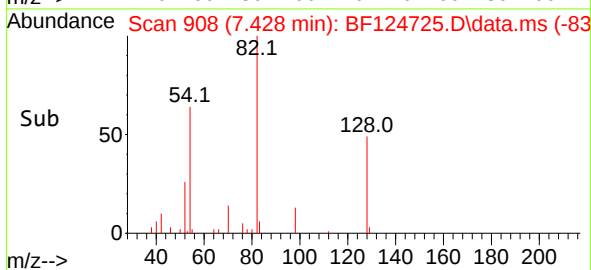
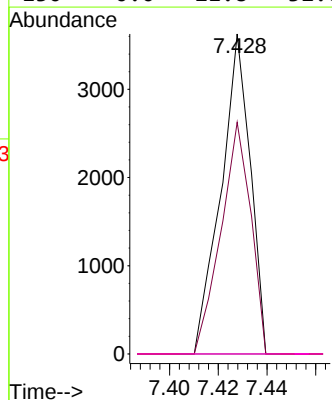
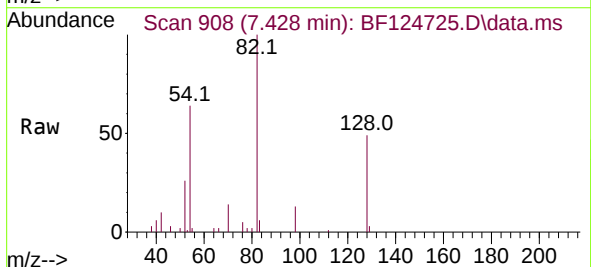
Instrument :  
BNA\_F  
ClientSampleId :

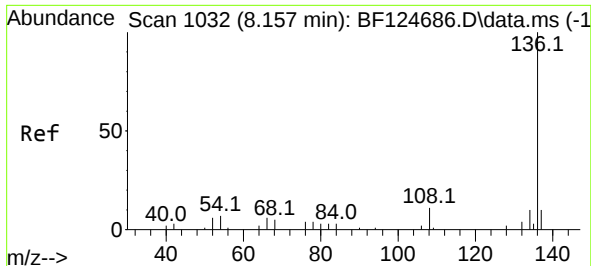
Tgt Ion: 99 Resp: 37744  
Ion Ratio Lower Upper  
99 100  
42 27.6 23.5 35.3  
71 35.0 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.09 ng  
RT: 7.428 min Scan# 908  
Delta R.T. 0.135 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

Tgt Ion: 70 Resp: 3038  
Ion Ratio Lower Upper  
70 100  
42 72.4 72.2 108.2  
101 0.0 7.8 11.8#  
130 0.0 21.8 32.6#



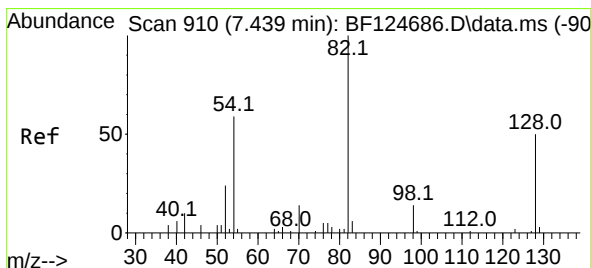
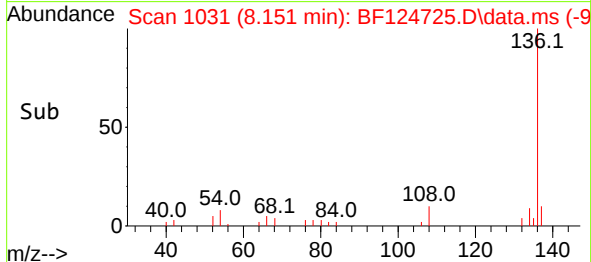
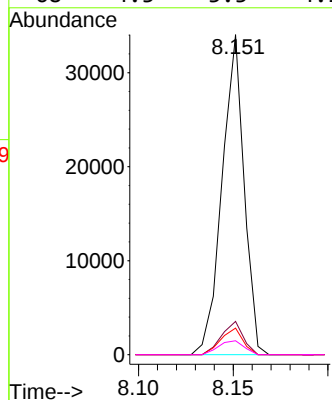
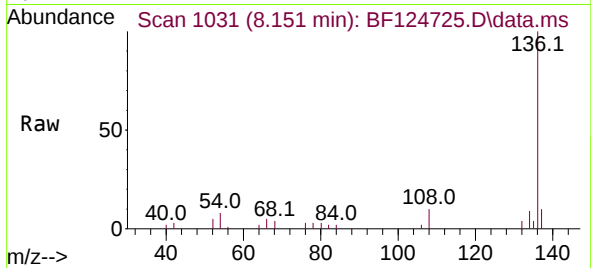


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:136 Resp: 27511

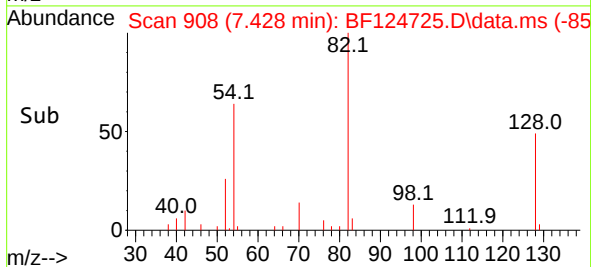
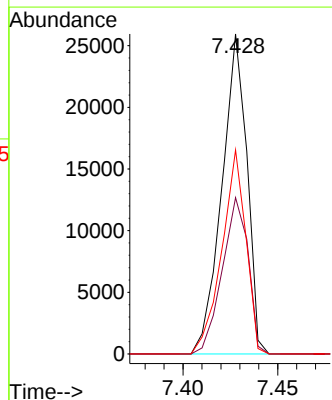
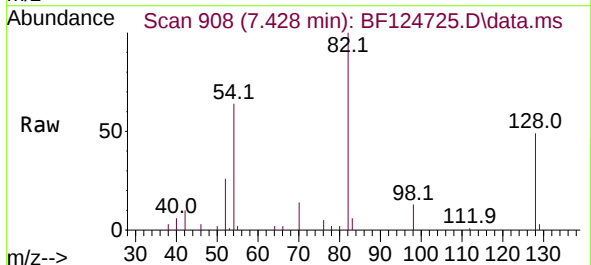
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.4  | 9.8   | 14.6  |
| 54  | 8.3   | 6.4   | 9.6   |
| 68  | 4.3   | 3.3   | 4.9   |

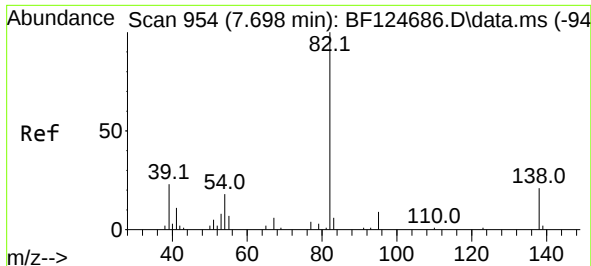


#23  
Nitrobenzene-d5  
Concen: 51.54 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.012 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

Tgt Ion: 82 Resp: 23825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.9  | 40.6  | 60.8  |
| 54  | 63.7  | 49.6  | 74.4  |

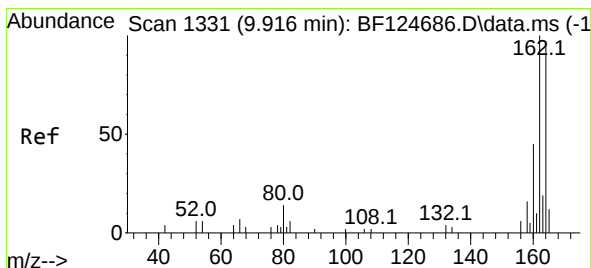
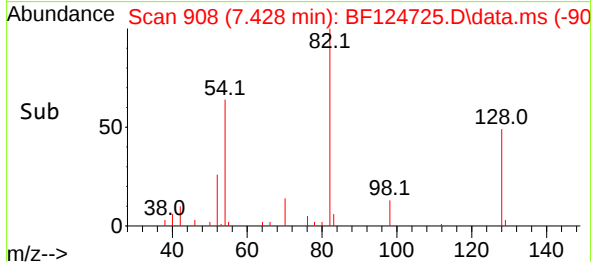
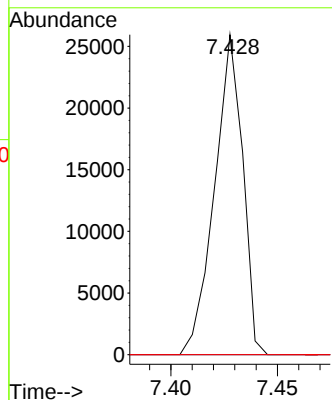
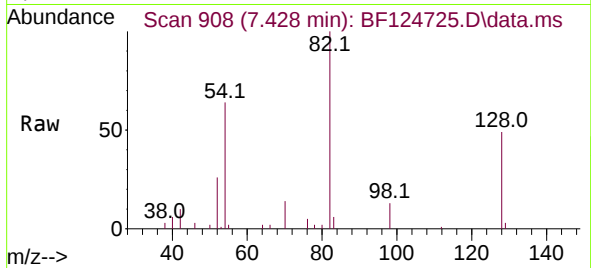




#25  
Isophorone  
Concen: 29.15 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.271 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

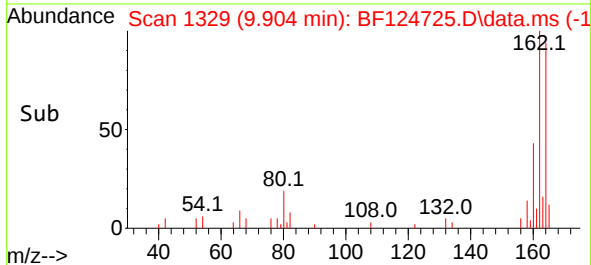
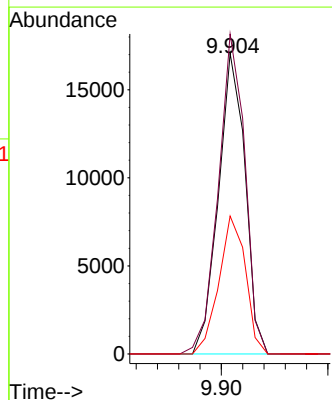
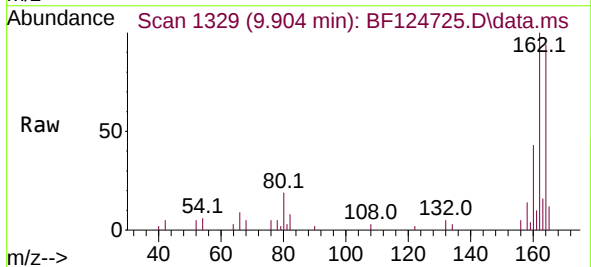
Instrument :  
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ClientSampleId :

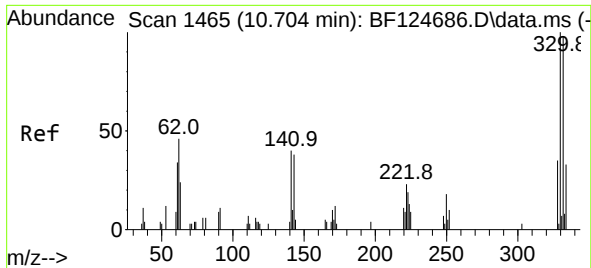
Tgt Ion: 82 Resp: 23824  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.012 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

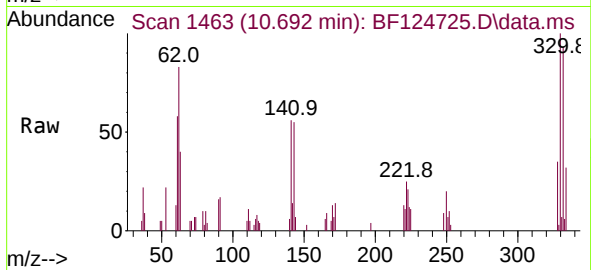
Tgt Ion:164 Resp: 14794  
Ion Ratio Lower Upper  
164 100  
162 106.4 81.3 121.9  
160 45.9 38.0 57.0



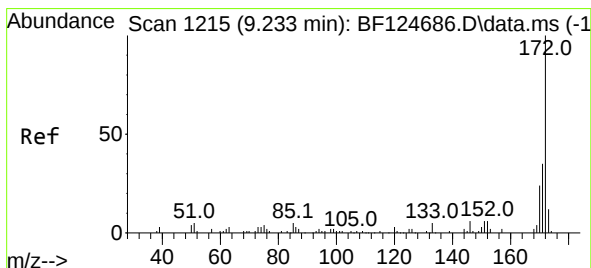
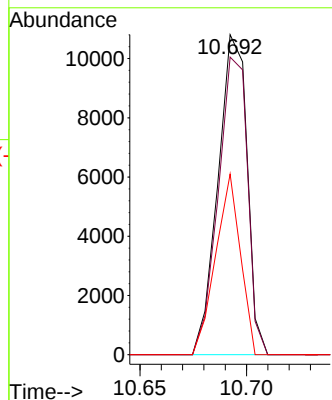
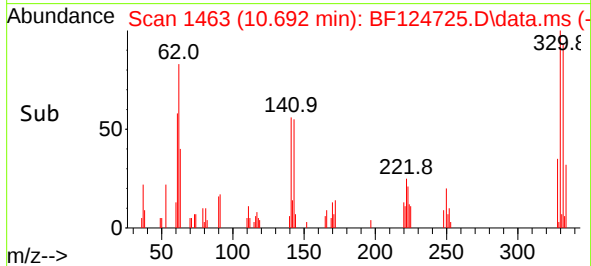


#42  
2,4,6-Tribromophenol  
Concen: 80.73 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.012 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

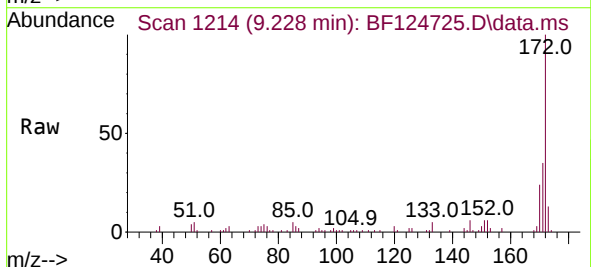
Instrument :  
BNA\_F  
ClientSampleId :



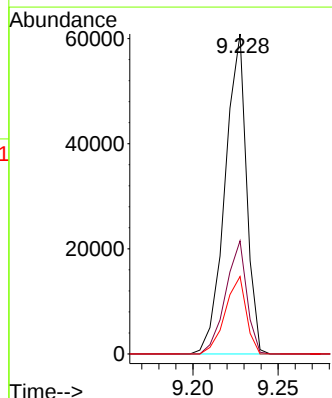
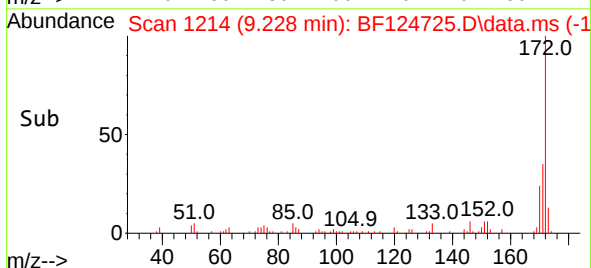
Tgt Ion: 330 Resp: 10254  
Ion Ratio Lower Upper  
330 100  
332 93.8 76.2 114.4  
141 48.0 44.6 66.8

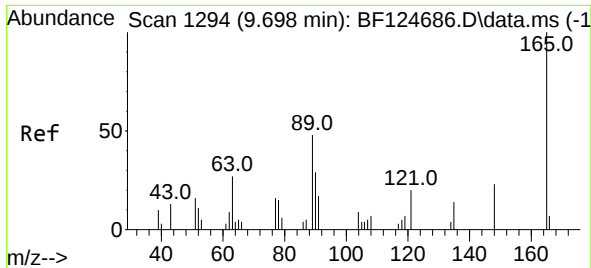


#45  
2-Fluorobiphenyl  
Concen: 52.76 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51



Tgt Ion: 172 Resp: 53143  
Ion Ratio Lower Upper  
172 100  
171 35.4 26.5 39.7  
170 24.2 18.8 28.2

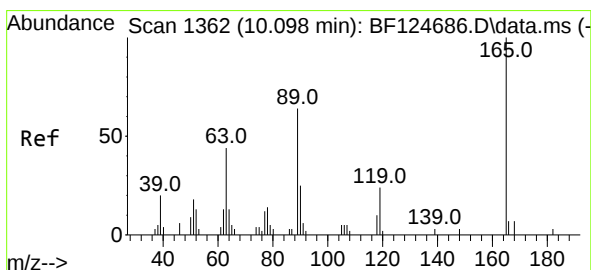
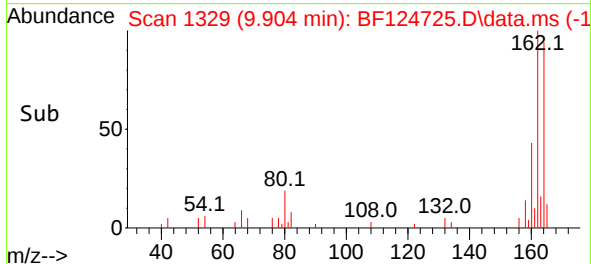
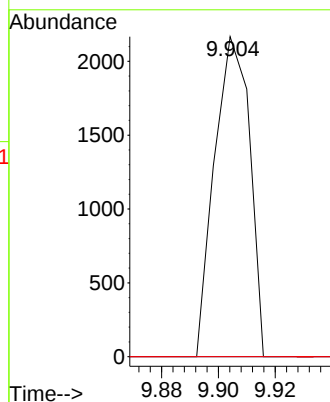
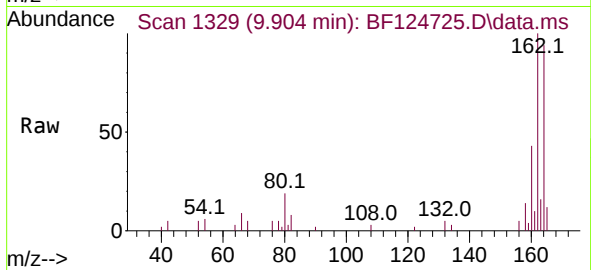




#51  
2,6-Dinitrotoluene  
Concen: 8.27 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.206 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

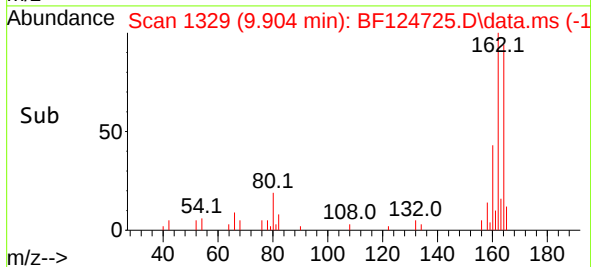
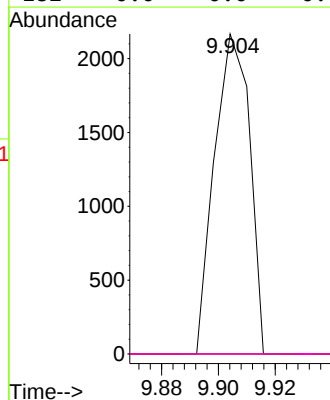
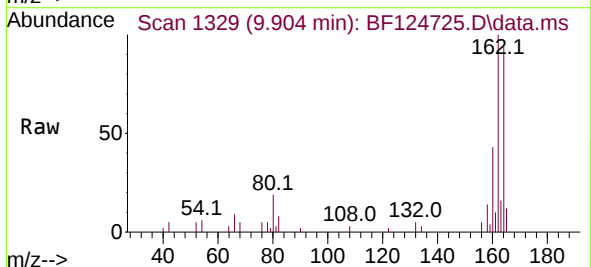
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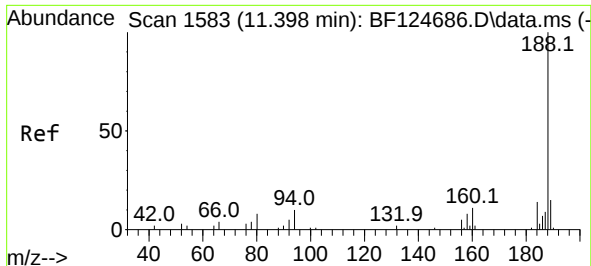
Tgt Ion:165 Resp: 1861  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.09 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.194 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

Tgt Ion:165 Resp: 1861  
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

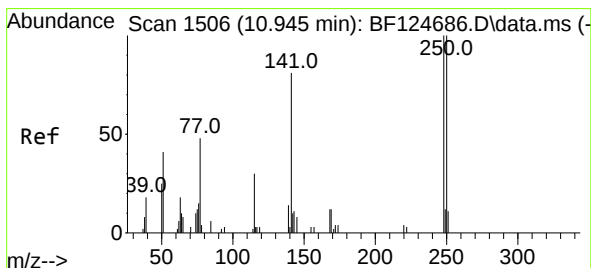
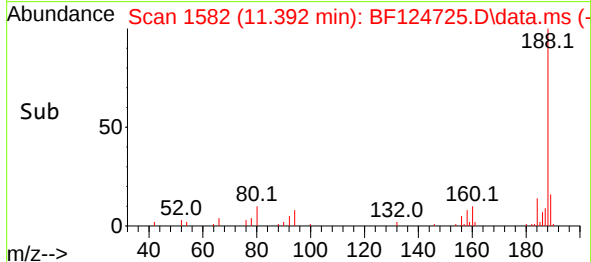
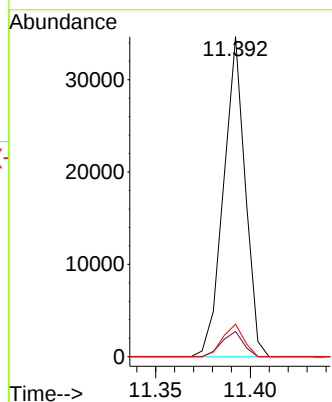
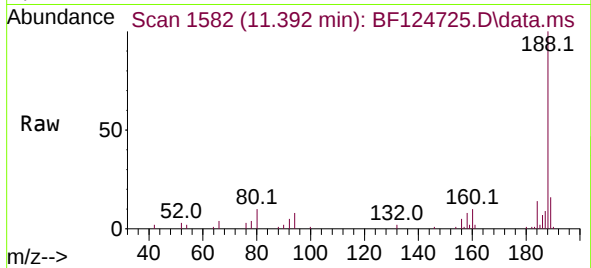




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

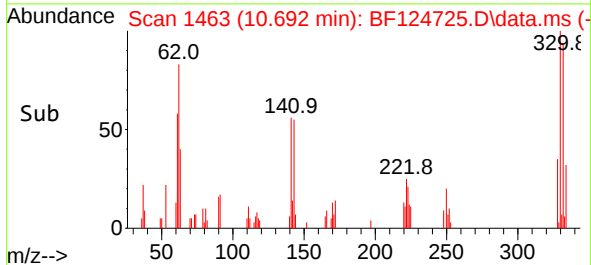
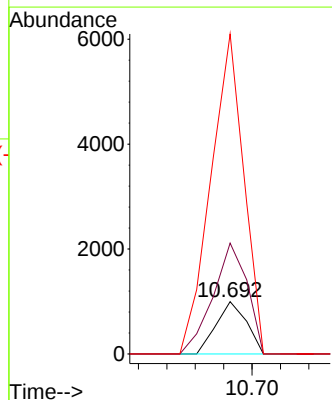
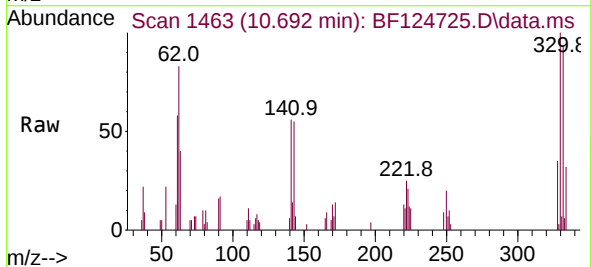
Instrument :  
BNA\_F  
ClientSampleId :

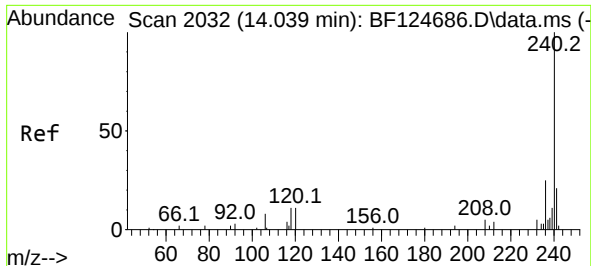
Tgt Ion:188 Resp: 27570  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.7 10.1  
80 10.1 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.52 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.253 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

Tgt Ion:248 Resp: 737  
Ion Ratio Lower Upper  
248 100  
250 212.0 74.2 111.4#  
141 611.8 60.4 90.6#

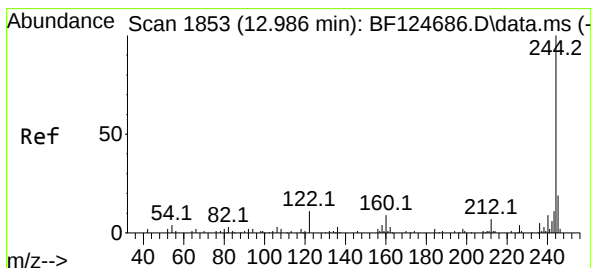
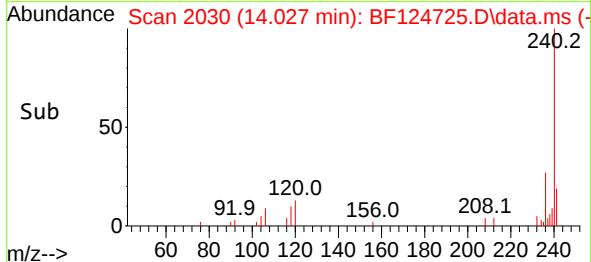
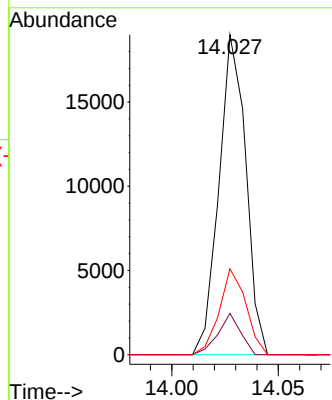
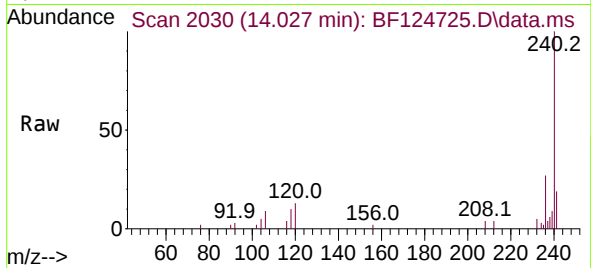




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.012 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

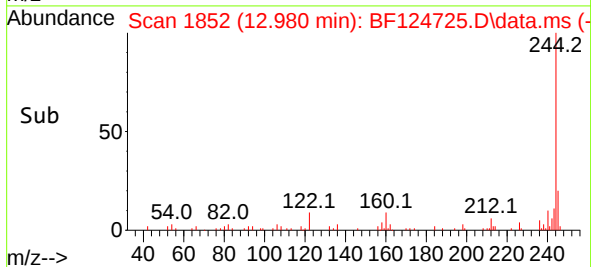
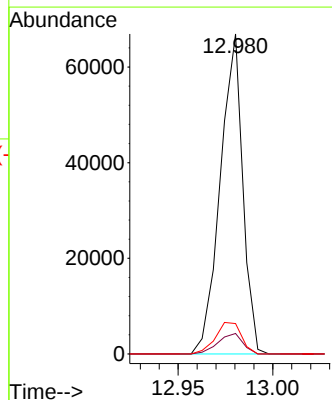
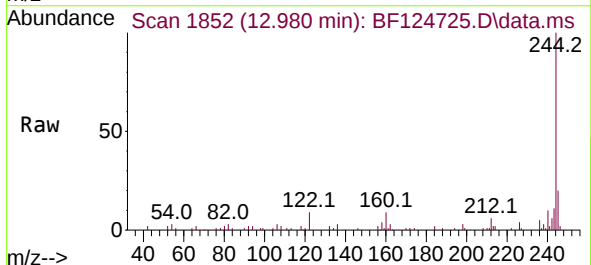
Instrument :  
BNA\_F  
ClientSampleId :

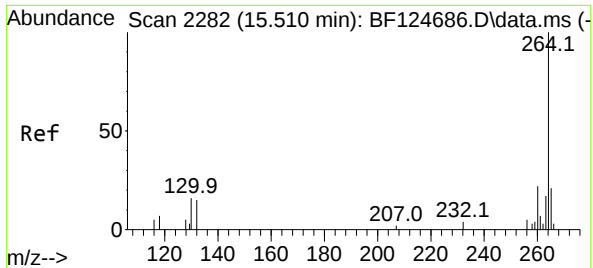
Tgt Ion:240 Resp: 16619  
Ion Ratio Lower Upper  
240 100  
120 12.9 10.8 16.2  
236 26.9 21.6 32.4



#79  
Terphenyl-d14  
Concen: 57.02 ng  
RT: 12.980 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: BF124725.D  
Acq: 23 Jul 2021 21:51

Tgt Ion:244 Resp: 55281  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.9 8.9  
122 9.5 9.0 13.4





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.498 min Scan# 2280  
 Delta R.T. -0.012 min  
 Lab File: BF124725.D  
 Acq: 23 Jul 2021 21:51

Instrument :  
 BNA\_F  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 12605     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.3  | 19.6 29.4 |
| 265         | 20.7  | 17.2 25.8 |

