

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042421\  
 Data File : BF123727.D  
 Acq On : 24 Apr 2021 20:27  
 Operator : JU/CG  
 Sample : M2128-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1

Quant Time: Apr 26 03:01:13 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 23 10:48:36 2021  
 Response via : Initial Calibration

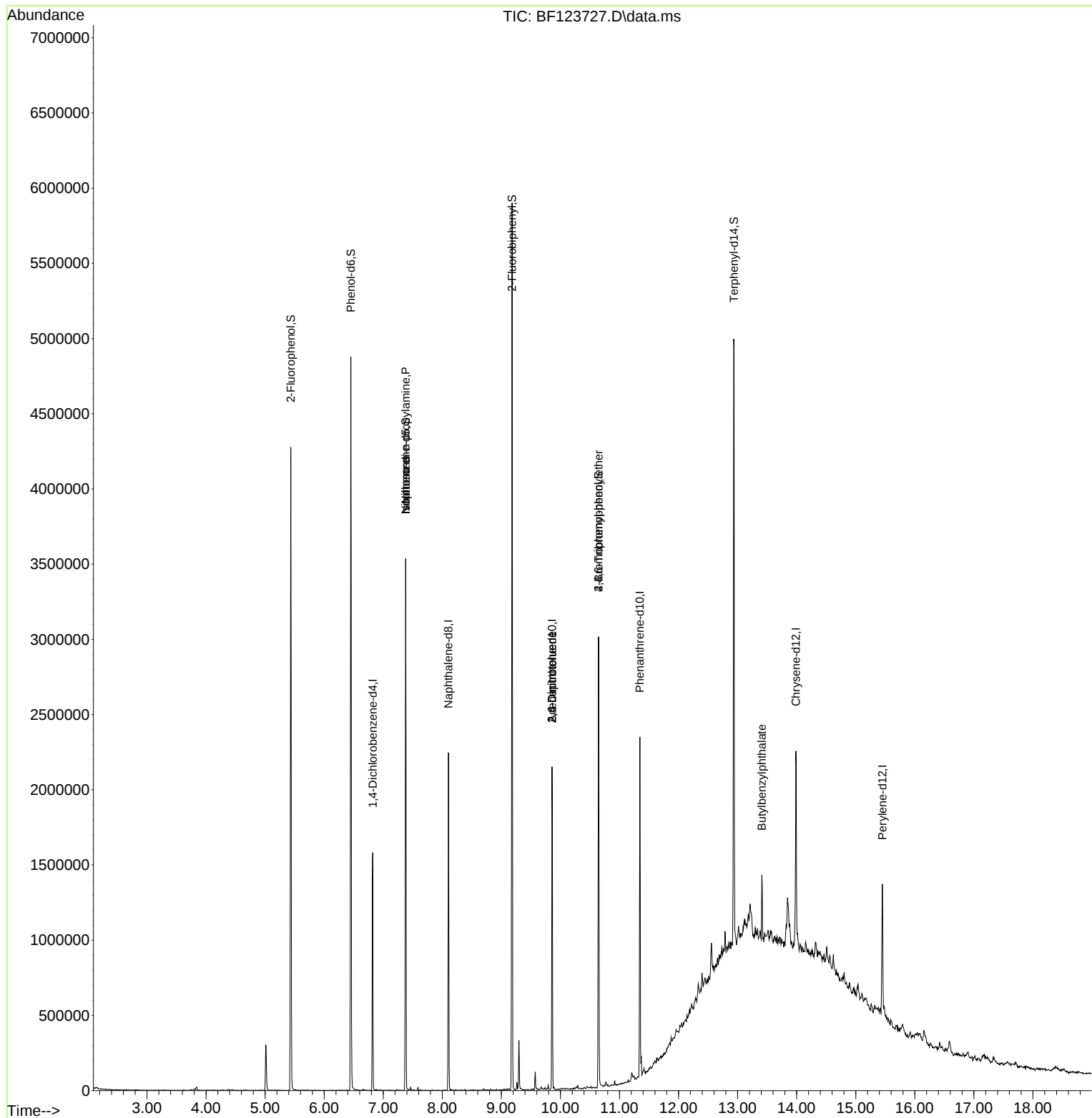
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 210807   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.104  | 136  | 796655   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.857  | 164  | 388835   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10          | 11.345 | 188  | 731848   | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12              | 13.986 | 240  | 456597   | 20.00 | ng    | #-0.04   |
| 86) Perylene-d12              | 15.451 | 264  | 401195   | 20.00 | ng    | -0.04    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 910384   | 69.80 | ng    | -0.02    |
| 7) Phenol-d6                  | 6.451  | 99   | 1320257  | 73.05 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 986217   | 56.91 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 313632   | 71.23 | ng    | -0.03    |
| 45) 2-Fluorobiphenyl          | 9.180  | 172  | 1523580  | 58.41 | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.939 | 244  | 1395220  | 59.39 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.381  | 70   | 132233   | 11.04 | ng    | # 76     |
| 25) Isophorone                | 7.381  | 82   | 986371   | 29.34 | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.857  | 165  | 49894    | 8.46  | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 9.857  | 165  | 49894    | 6.33  | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 10.645 | 248  | 17413    | 2.28  | ng    | # 1      |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 89566    | 5.72  | ng    | 98       |
| -----                         |        |      |          |       |       |          |

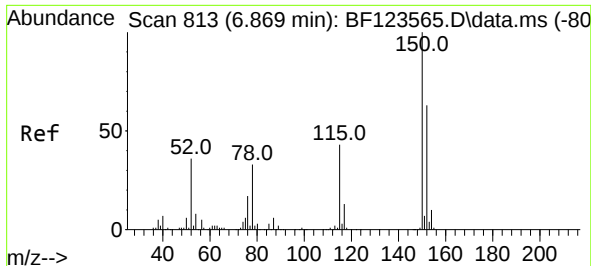
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 23 10:48:36 2021  
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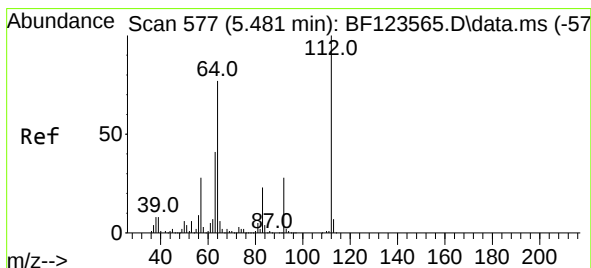
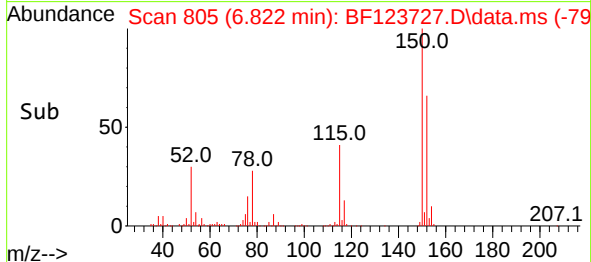
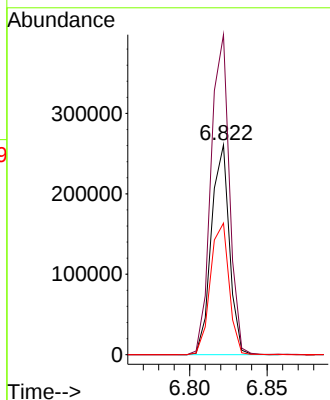
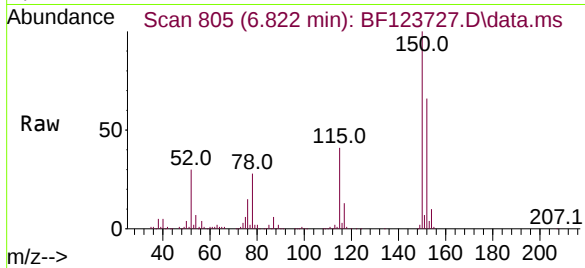




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.822 min Scan# 805  
Delta R.T. -0.017 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

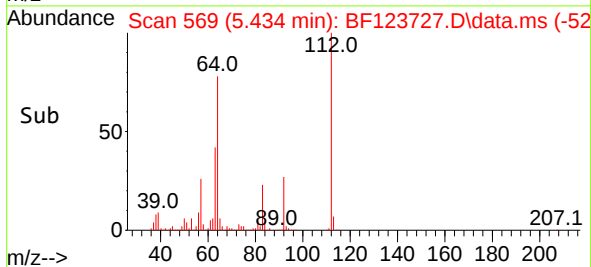
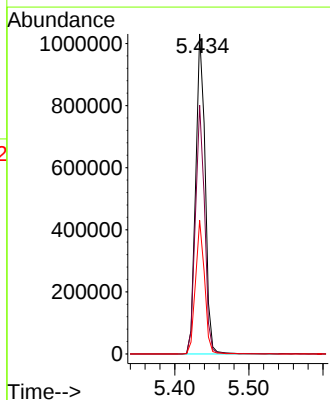
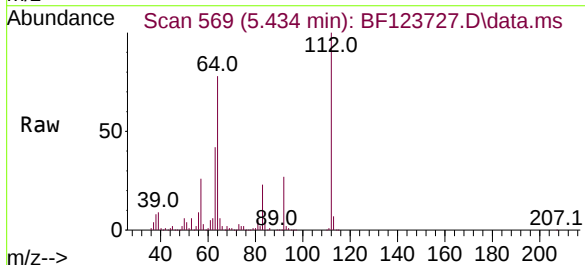
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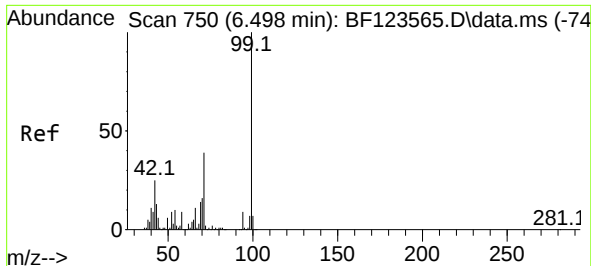
Tgt Ion:152 Resp: 210807  
Ion Ratio Lower Upper  
152 100  
150 152.6 127.0 190.6  
115 62.7 54.3 81.5



#5  
2-Fluorophenol  
Concen: 69.80 ng  
RT: 5.434 min Scan# 569  
Delta R.T. -0.024 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

Tgt Ion:112 Resp: 910384  
Ion Ratio Lower Upper  
112 100  
64 77.8 61.4 92.0  
63 41.7 33.0 49.4



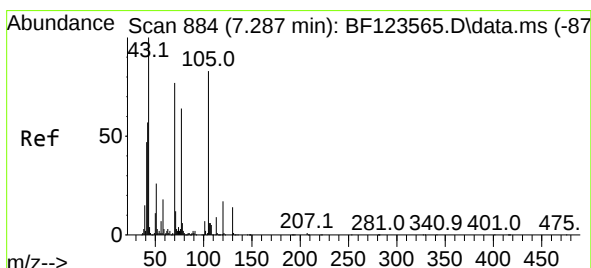
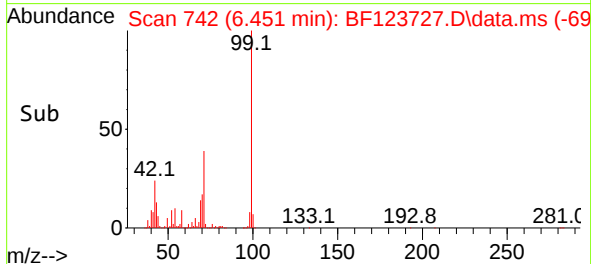
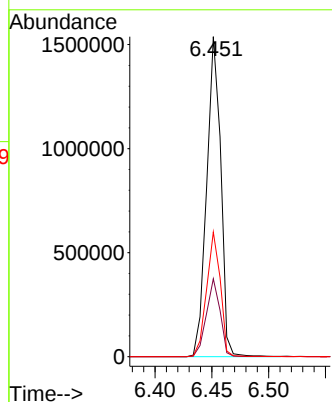
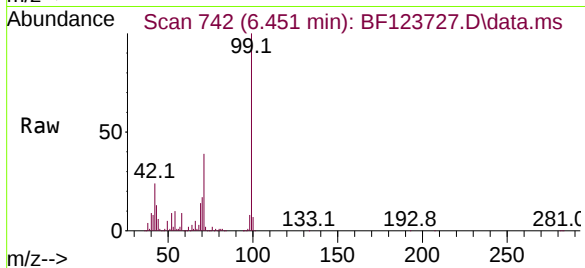


#7  
Phenol-d6  
Concen: 73.05 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.023 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

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BNA\_F  
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Tgt Ion: 99 Resp: 1320257

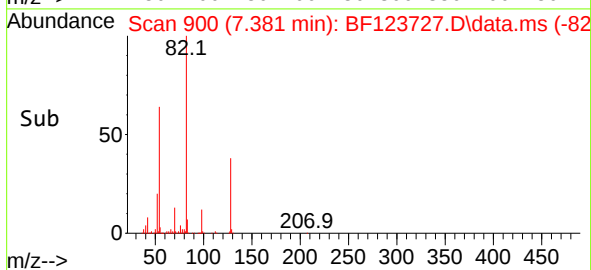
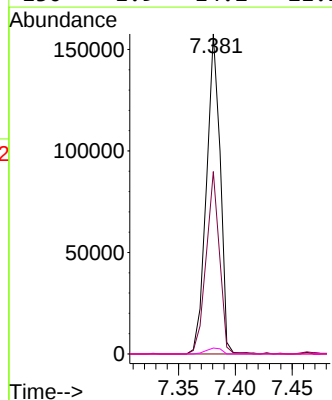
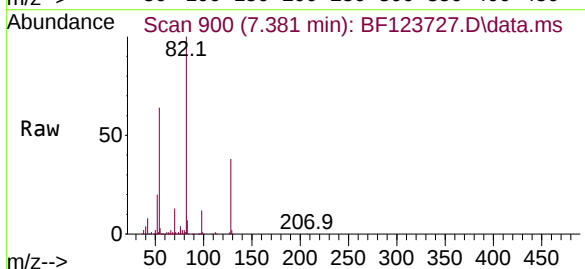
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.4  | 19.8  | 29.8  |
| 71  | 38.9  | 31.1  | 46.7  |

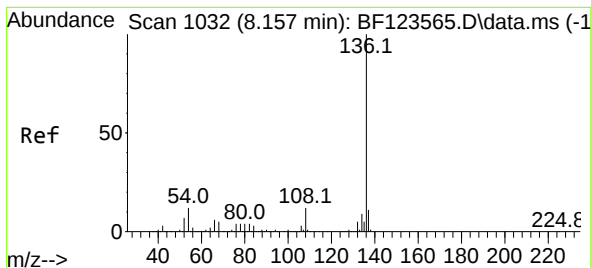


#19  
n-Nitroso-di-n-propylamine  
Concen: 11.04 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.124 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

Tgt Ion: 70 Resp: 132233

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 57.0  | 60.1  | 90.1# |
| 101 | 0.0   | 7.4   | 11.2# |
| 130 | 1.9   | 14.2  | 21.2# |

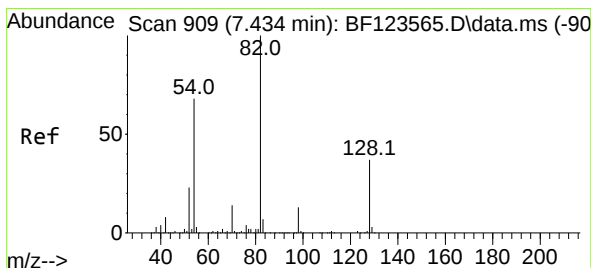
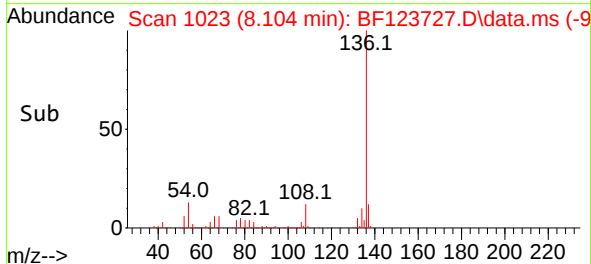
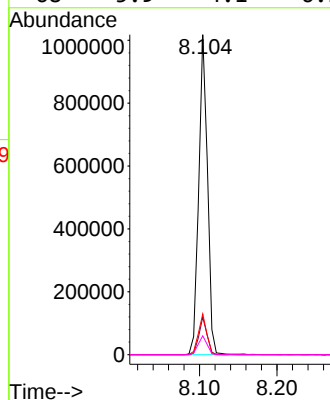
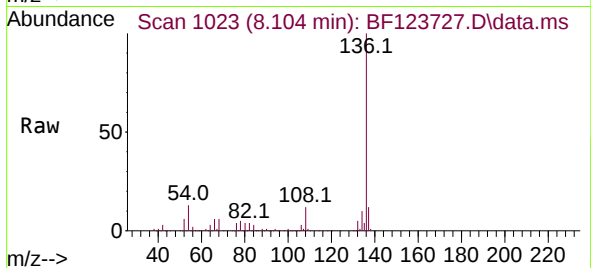




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.024 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

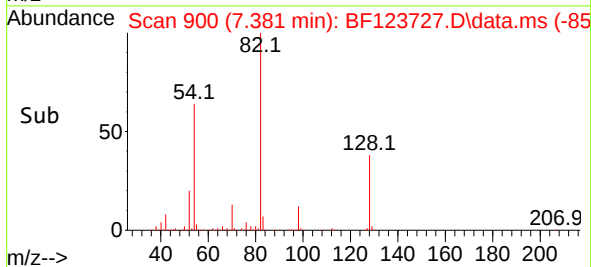
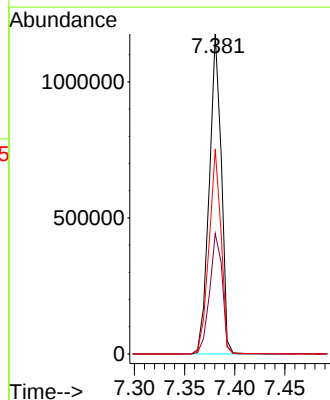
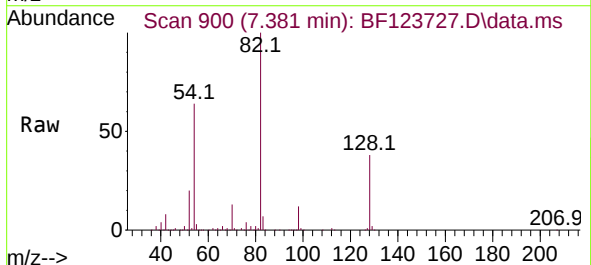
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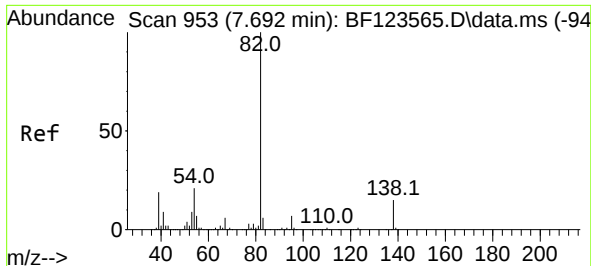
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 796655 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.7    | 8.7 13.1     |
| 54 12.8     | 9.8 14.6     |
| 68 5.9      | 4.1 6.1      |



#23  
Nitrobenzene-d5  
Concen: 56.91 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.024 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 986217 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 37.7    | 29.4 44.2    |
| 54 64.1     | 54.1 81.1    |

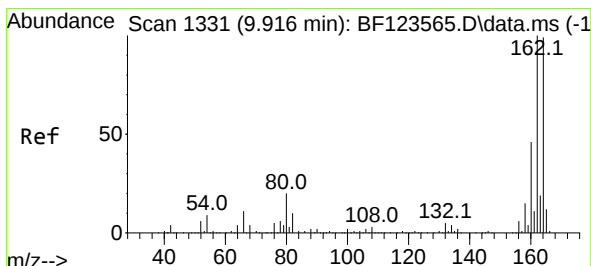
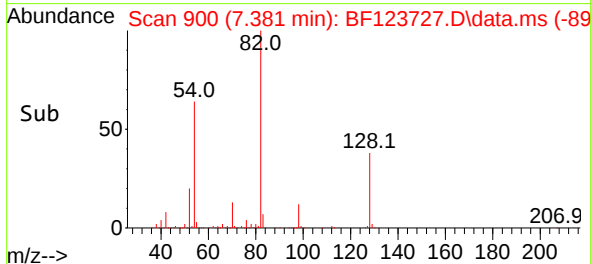
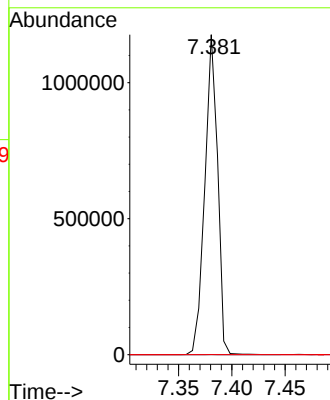
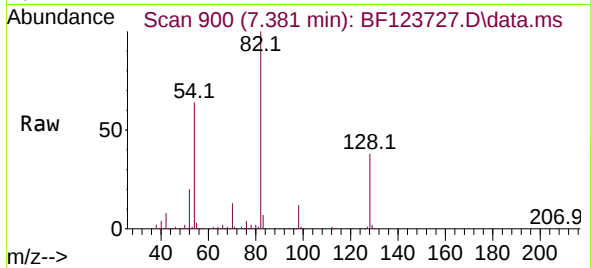




#25  
Isophorone  
Concen: 29.34 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.282 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

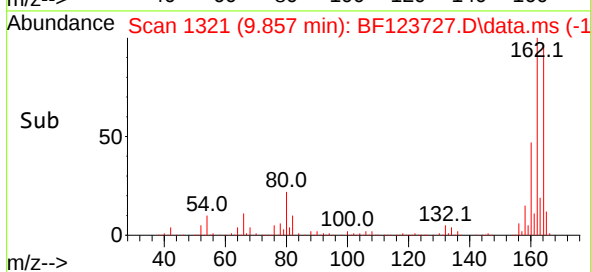
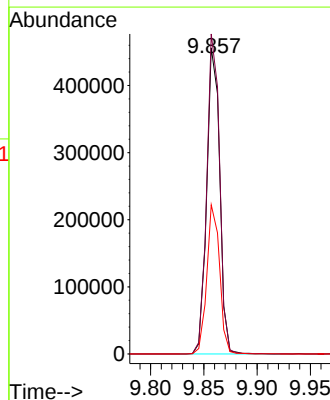
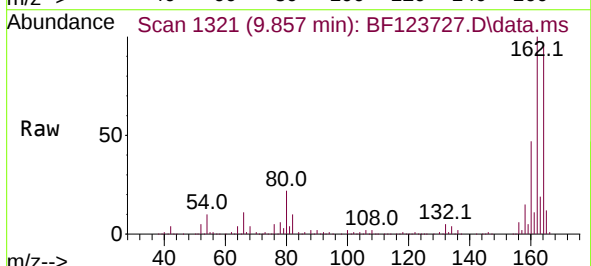
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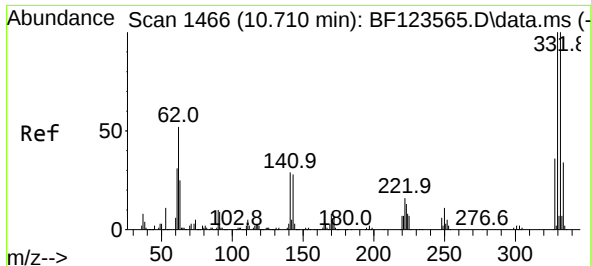
Tgt Ion: 82 Resp: 986371  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.029 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

Tgt Ion:164 Resp: 388835  
Ion Ratio Lower Upper  
164 100  
162 104.5 80.7 121.1  
160 48.7 37.3 55.9

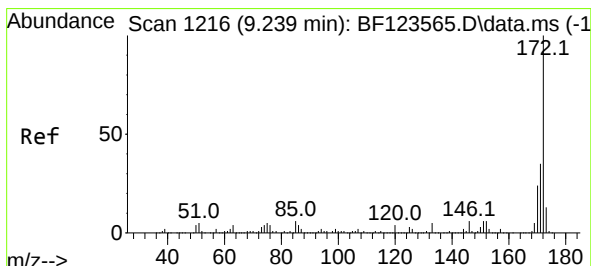
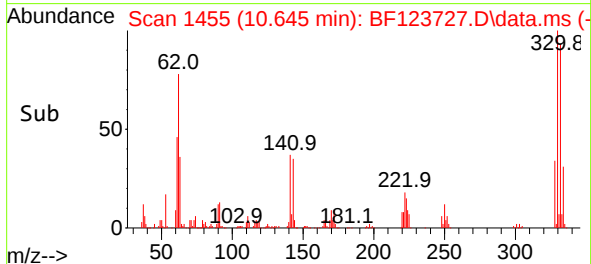
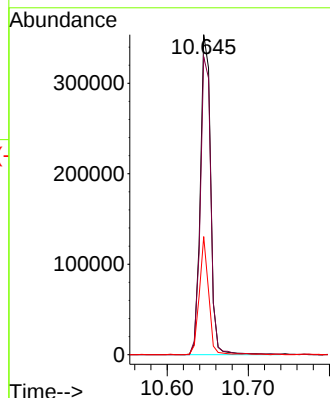
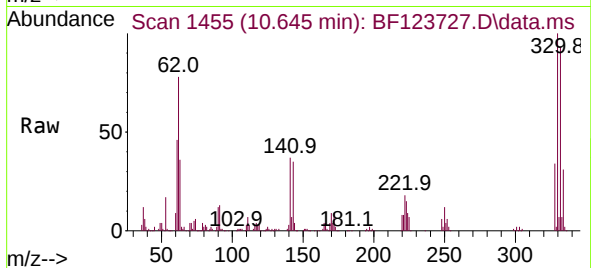




#42  
2,4,6-Tribromophenol  
Concen: 71.23 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.029 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

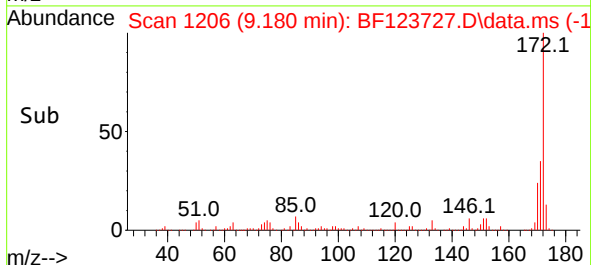
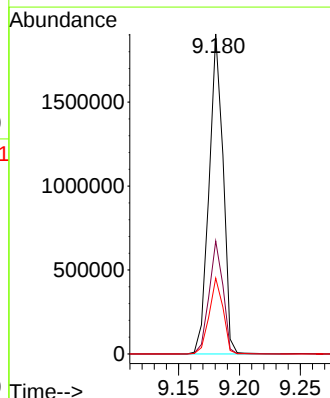
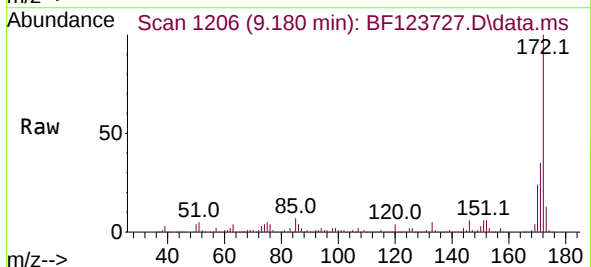
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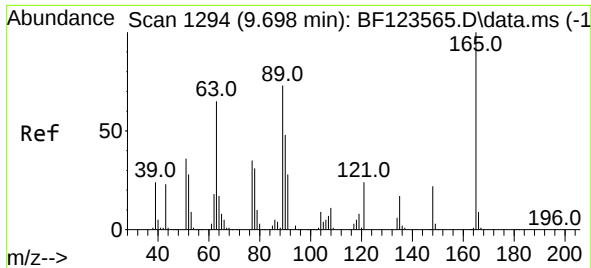
Tgt Ion: 330 Resp: 313632  
Ion Ratio Lower Upper  
330 100  
332 94.9 77.1 115.7  
141 32.9 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 58.41 ng  
RT: 9.180 min Scan# 1206  
Delta R.T. -0.024 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

Tgt Ion: 172 Resp: 1523580  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 23.7 19.2 28.8

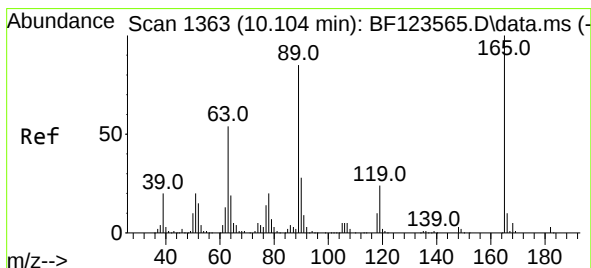
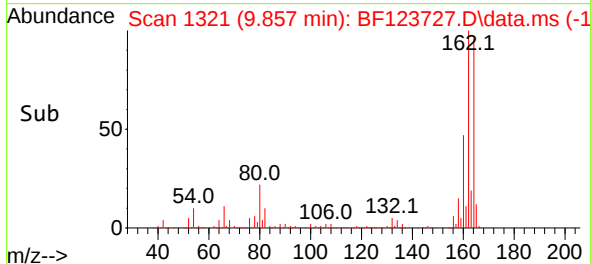
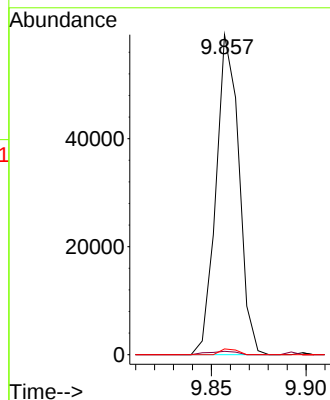
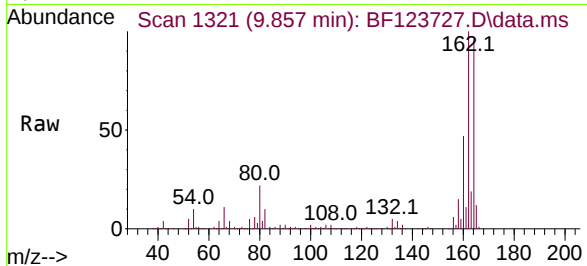




#51  
2,6-Dinitrotoluene  
Concen: 8.46 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.188 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

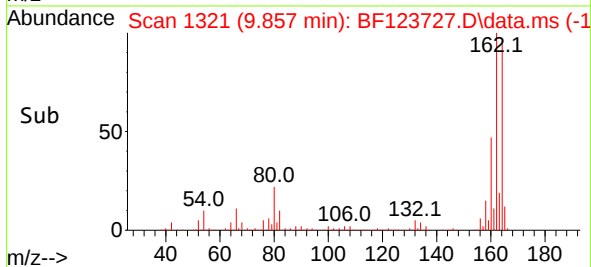
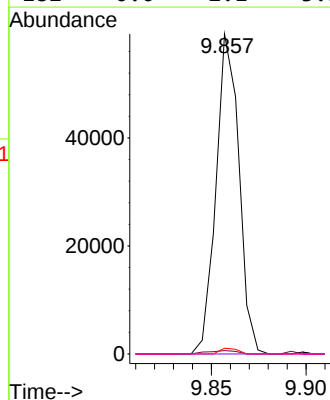
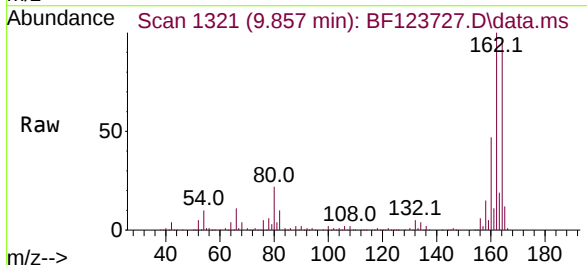
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BNA\_F  
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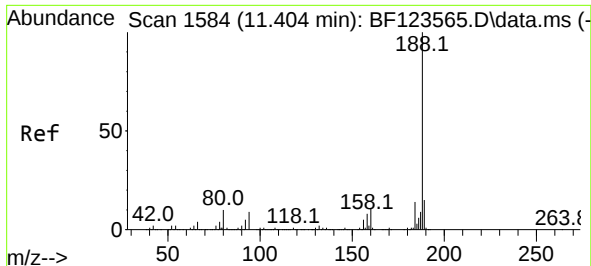
Tgt Ion:165 Resp: 49894  
Ion Ratio Lower Upper  
165 100  
63 1.0 67.7 101.5#  
89 1.8 58.8 88.2#



#57  
2,4-Dinitrotoluene  
Concen: 6.33 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.218 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

Tgt Ion:165 Resp: 49894  
Ion Ratio Lower Upper  
165 100  
63 1.0 43.5 65.3#  
89 1.8 67.7 101.5#  
182 0.0 2.1 3.1#

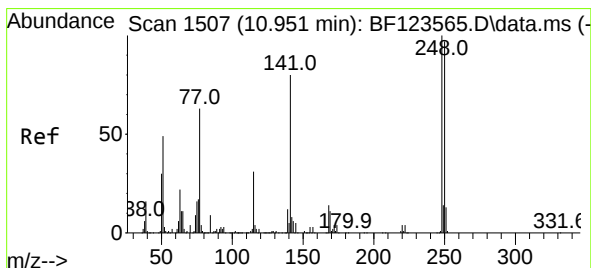
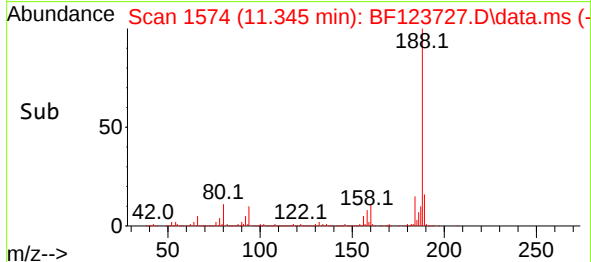
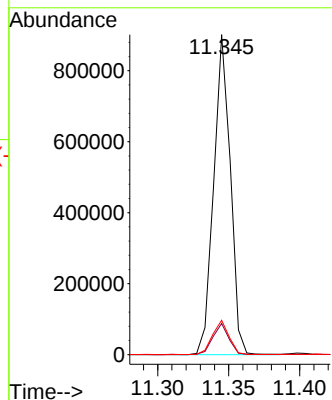
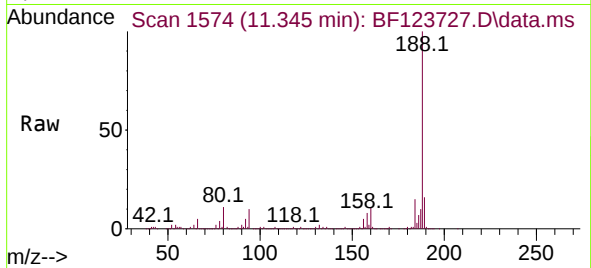




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.345 min Scan# 1574  
Delta R.T. -0.029 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

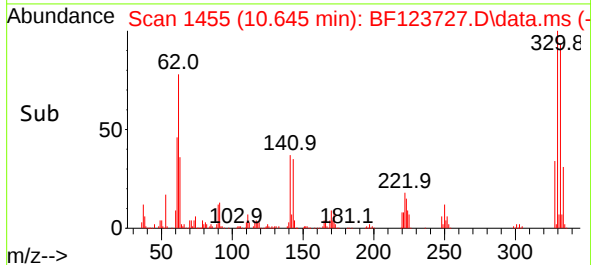
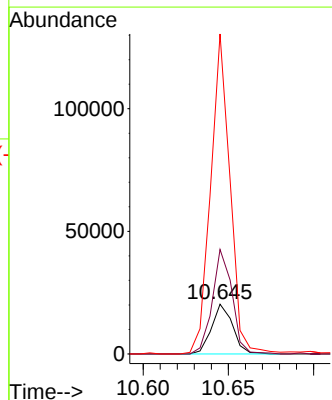
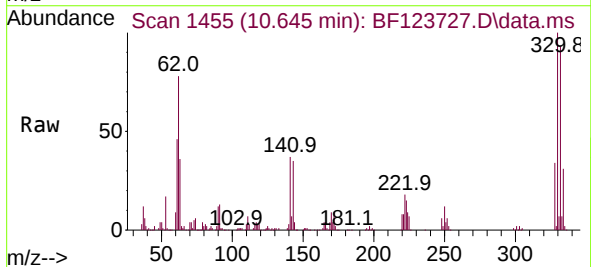
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

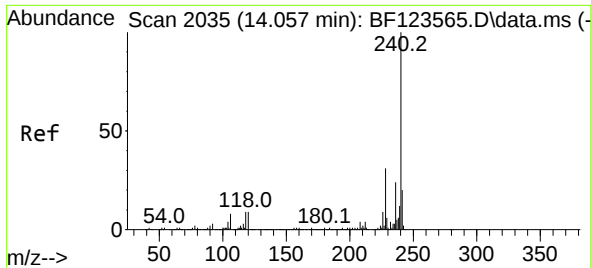
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 731848 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.8      | 6.9 10.3     |
| 80 10.8     | 8.2 12.2     |



#67  
4-Bromophenyl-phenylether  
Concen: 2.28 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.271 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

|             |             |
|-------------|-------------|
| Tgt Ion:248 | Resp: 17413 |
| Ion Ratio   | Lower Upper |
| 248 100     |             |
| 250 209.8   | 77.4 116.2# |
| 141 642.2   | 63.7 95.5#  |

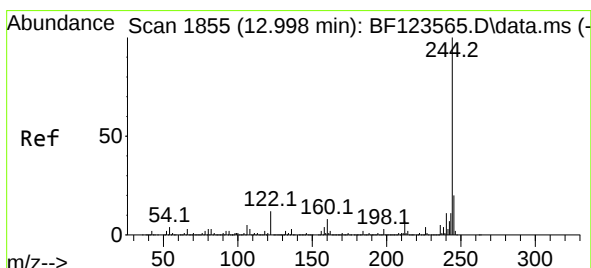
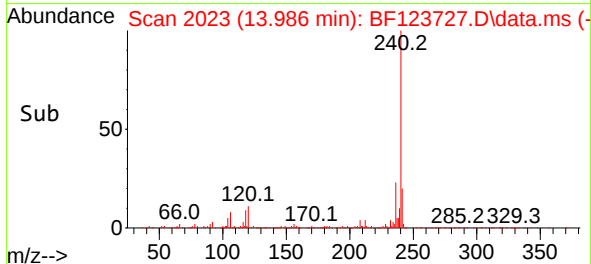
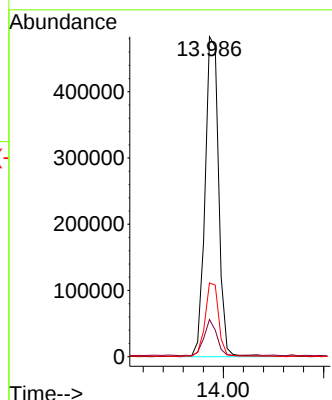
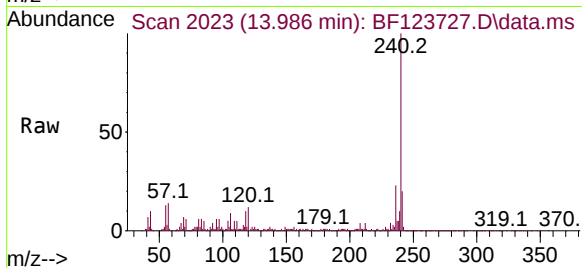




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.035 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

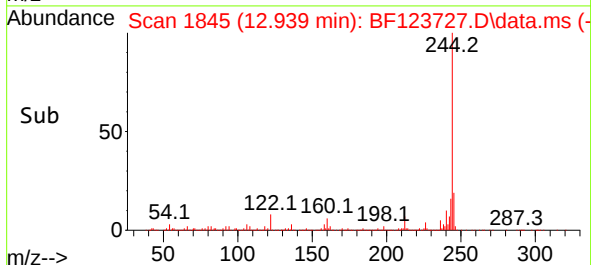
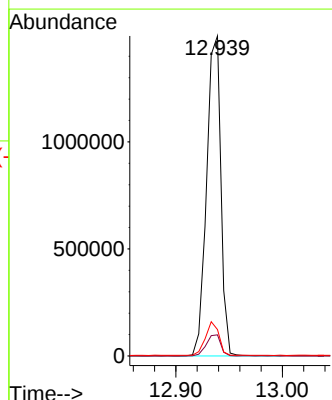
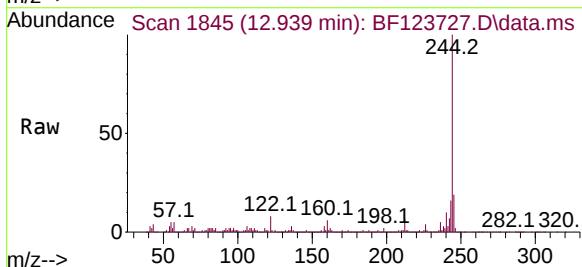
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

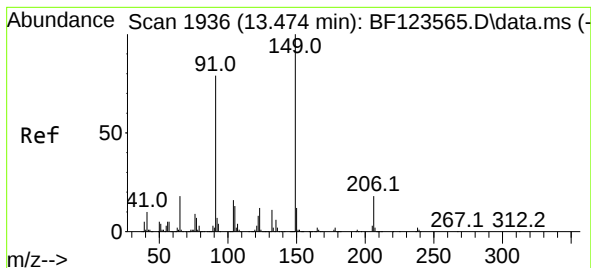
Tgt Ion:240 Resp: 456597  
Ion Ratio Lower Upper  
240 100  
120 11.6 7.2 10.8#  
236 23.1 19.0 28.4



#79  
Terphenyl-d14  
Concen: 59.39 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. -0.024 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

Tgt Ion:244 Resp: 1395220  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.7 8.5  
122 8.2 9.7 14.5#

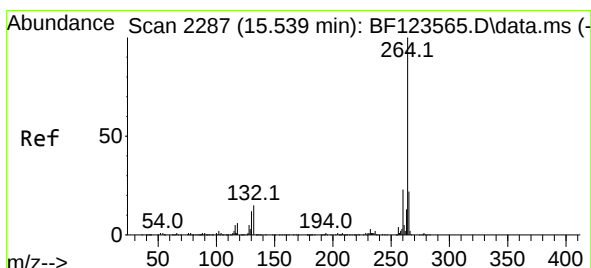
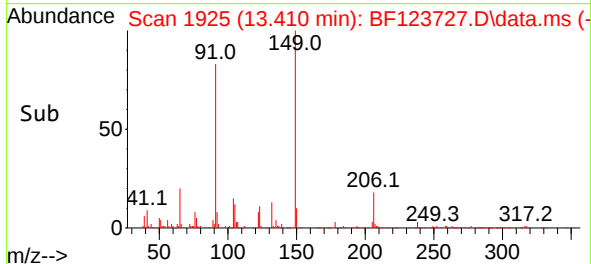
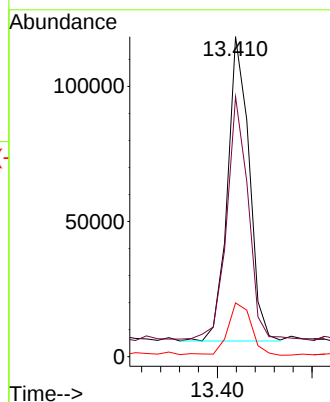
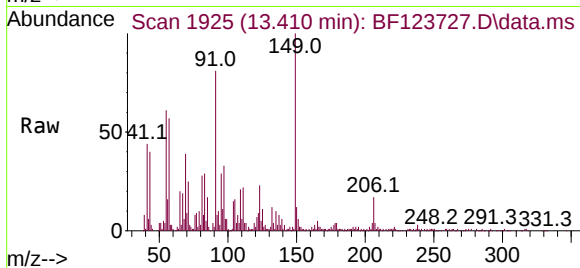




#80  
Butylbenzylphthalate  
Concen: 5.72 ng  
RT: 13.410 min Scan# 1925  
Delta R.T. -0.029 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-1

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 89566 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 81.2  | 63.6  | 95.4  |
| 206       | 16.8  | 14.5  | 21.7  |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. -0.041 min  
Lab File: BF123727.D  
Acq: 24 Apr 2021 20:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 401195 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.1  | 18.7  | 28.1   |
| 265       | 21.8  | 17.8  | 26.8   |

