

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010421\  
 Data File : BF122913.D  
 Acq On : 4 Jan 2021 17:32  
 Operator : JU/CG  
 Sample : L5249-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-03-123120

Quant Time: Jan 05 00:12:23 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 31 15:53:00 2020  
 Response via : Initial Calibration

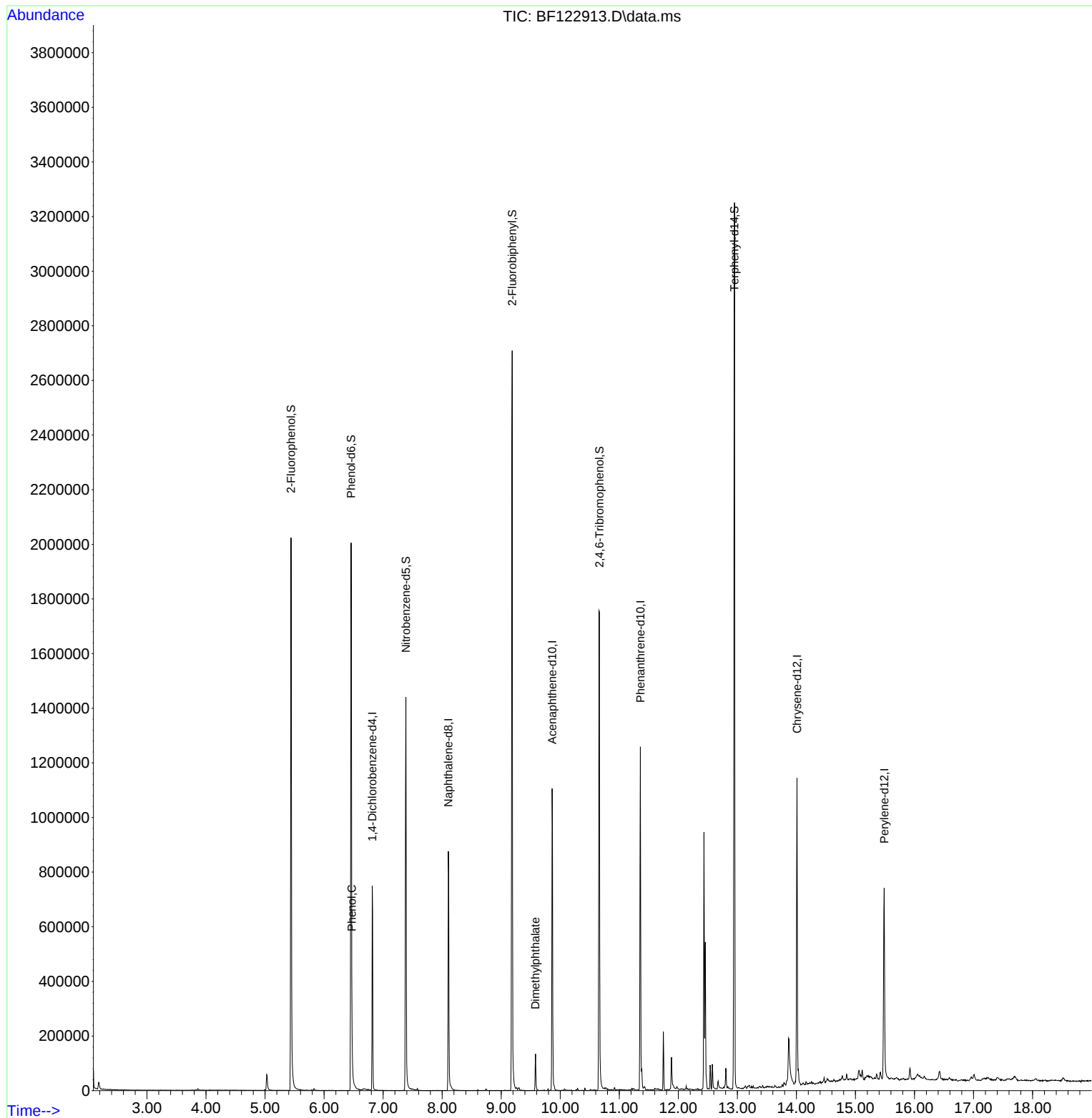
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.816  | 152  | 115264   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 457422   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.863  | 164  | 242521   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.357 | 188  | 465544   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.009 | 240  | 387863   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.486 | 264  | 318108   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.439  | 112  | 621533   | 85.37 | ng    | 0.00     |
| 7) Phenol-d6                | 6.457  | 99   | 795595   | 82.39 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.386  | 82   | 480463   | 52.63 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 271797   | 85.62 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 932353   | 52.00 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 1120488  | 50.57 | ng    | 0.00     |
| Target Compounds            |        |      |          |       |       |          |
| 10) Phenol                  | 6.469  | 94   | 28614    | 2.86  | ng    | 94       |
| 50) Dimethylphthalate       | 9.580  | 163  | 61539    | 3.18  | ng    | 100      |
| -----                       |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010421\  
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Operator : JU/CG  
Sample : L5249-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-123120

Quant Time: Jan 05 00:12:23 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 31 15:53:00 2020  
Response via : Initial Calibration

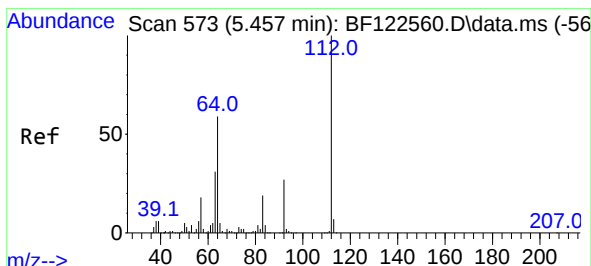
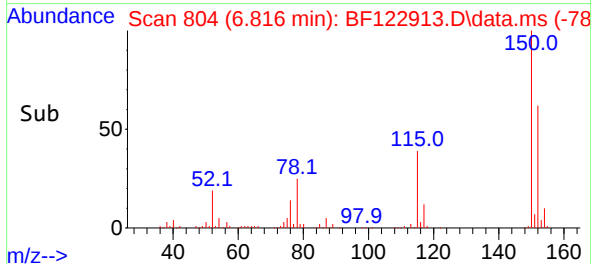
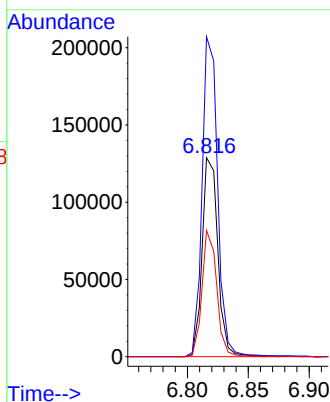
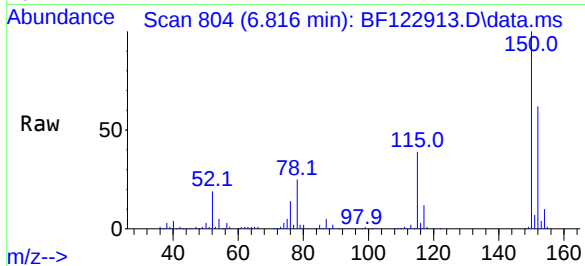




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

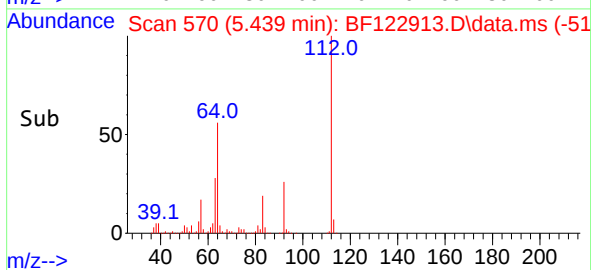
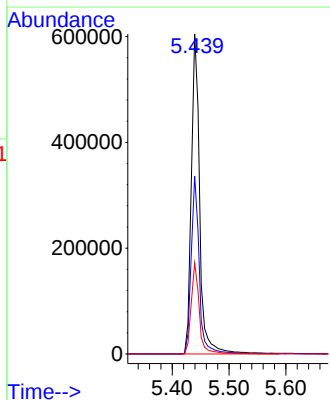
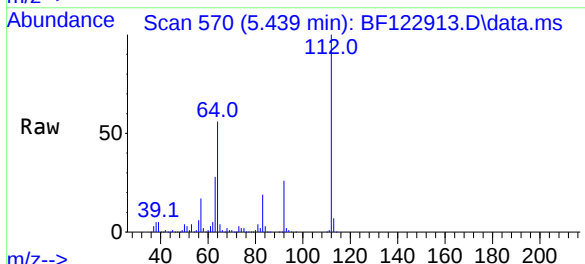
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-123120

Tgt Ion:152 Resp: 115264  
Ion Ratio Lower Upper  
152 100  
150 160.7 125.8 188.6  
115 63.4 49.3 73.9



#5  
2-Fluorophenol  
Concen: 85.37 ng  
RT: 5.439 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

Tgt Ion:112 Resp: 621533  
Ion Ratio Lower Upper  
112 100  
64 55.6 46.9 70.3  
63 28.5 24.5 36.7

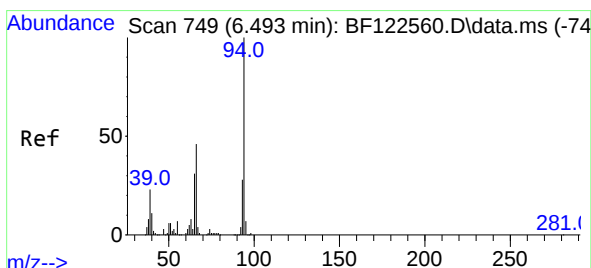
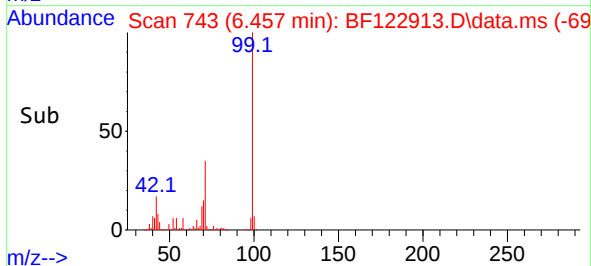
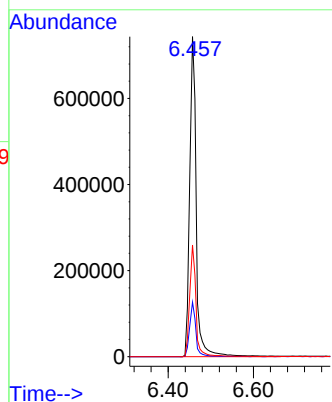
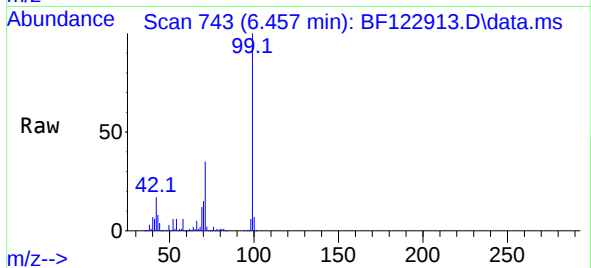




#7  
Phenol-d6  
Concen: 82.39 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.012 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

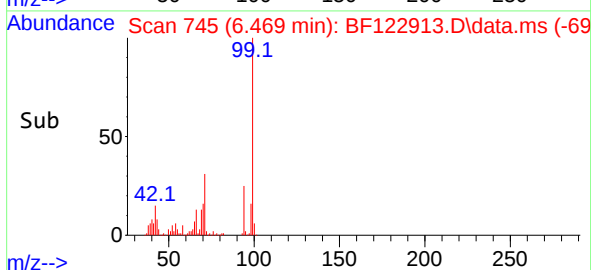
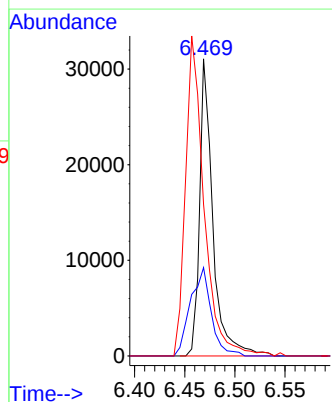
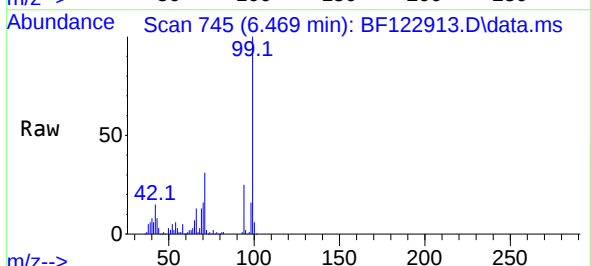
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-123120

Tgt Ion: 99 Resp: 795595  
Ion Ratio Lower Upper  
99 100  
42 17.1 13.8 20.6  
71 34.9 26.9 40.3



#10  
Phenol  
Concen: 2.86 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.018 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

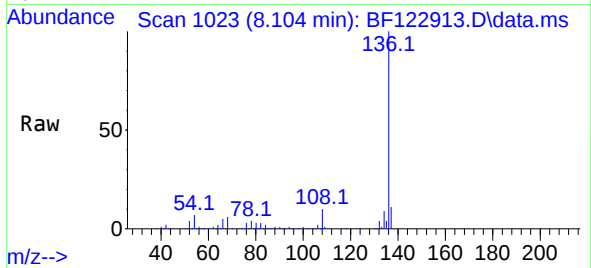
Tgt Ion: 94 Resp: 28614  
Ion Ratio Lower Upper  
94 100  
65 29.8 11.2 51.2  
66 51.1 25.8 65.8





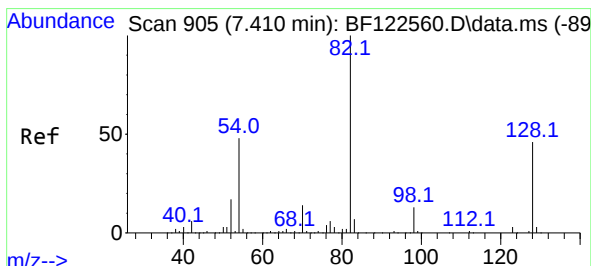
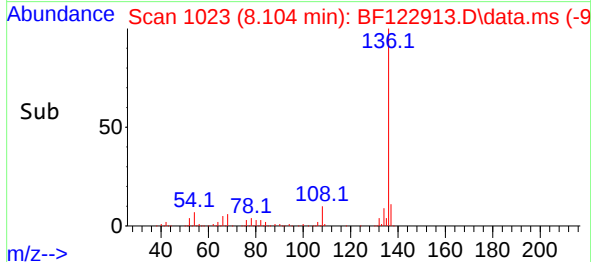
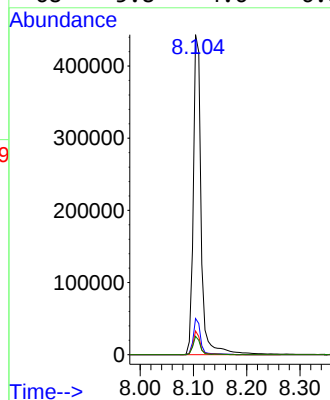
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-123120



Tgt Ion:136 Resp: 457422

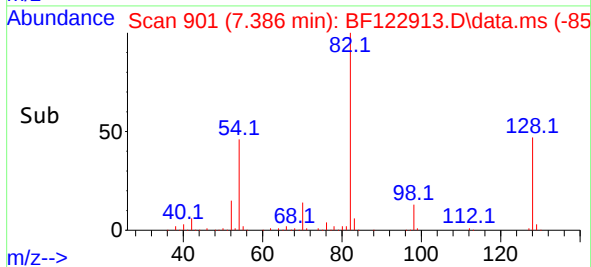
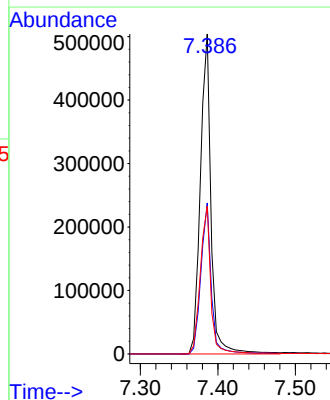
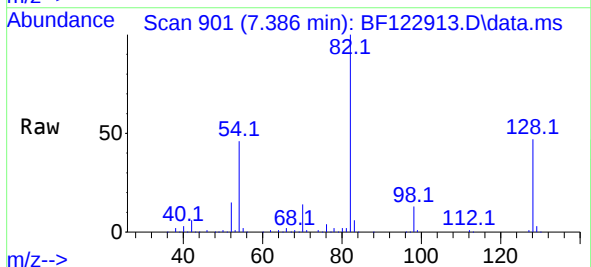
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.8   | 13.2  |
| 54  | 7.4   | 5.5   | 8.3   |
| 68  | 5.8   | 4.6   | 6.8   |

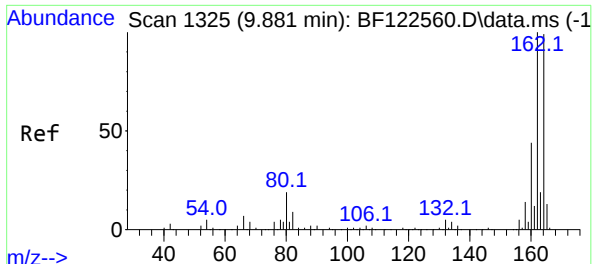


#23  
Nitrobenzene-d5  
Concen: 52.63 ng  
RT: 7.386 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

Tgt Ion: 82 Resp: 480463

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.2  | 37.0  | 55.4  |
| 54  | 46.2  | 38.4  | 57.6  |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF122913.D

Acq: 4 Jan 2021 17:32

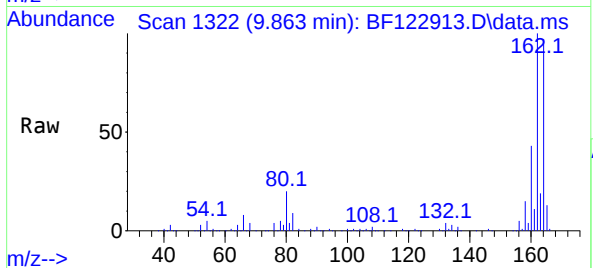
Tgt Ion:164 Resp: 242521

Ion Ratio Lower Upper

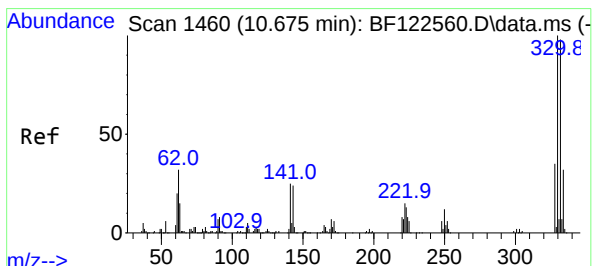
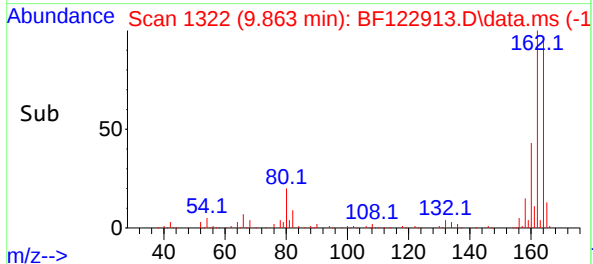
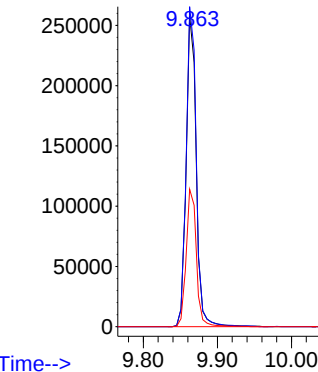
164 100

162 103.0 80.8 121.2

160 44.2 35.4 53.0



Abundance



#42

2,4,6-Tribromophenol

Concen: 85.62 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF122913.D

Acq: 4 Jan 2021 17:32

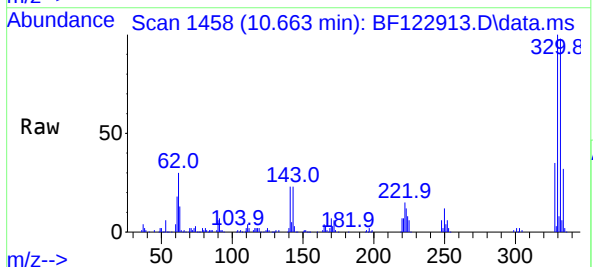
Tgt Ion:330 Resp: 271797

Ion Ratio Lower Upper

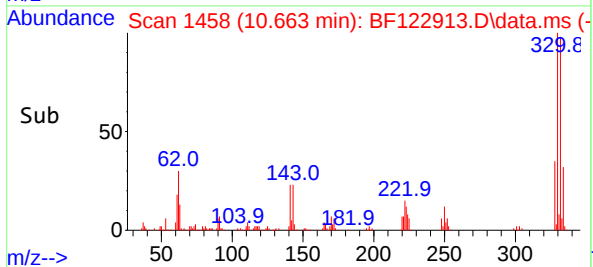
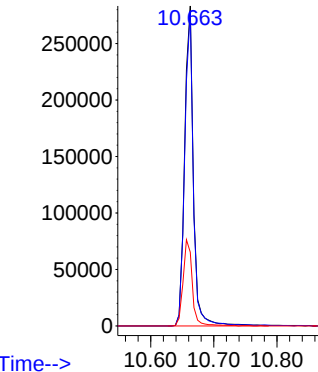
330 100

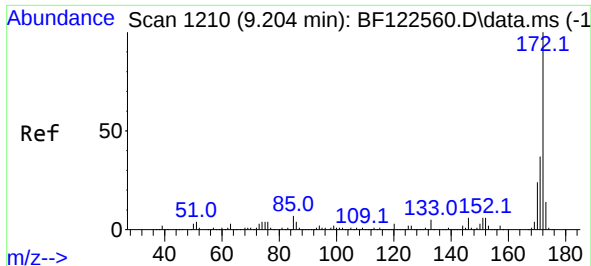
332 96.9 77.5 116.3

141 28.3 23.8 35.8



Abundance

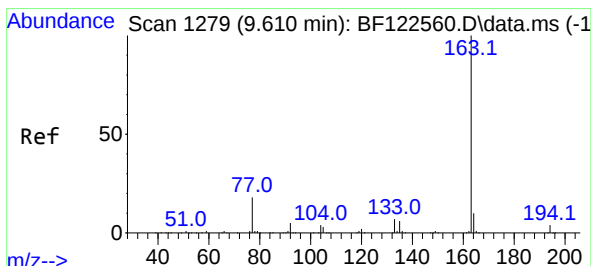
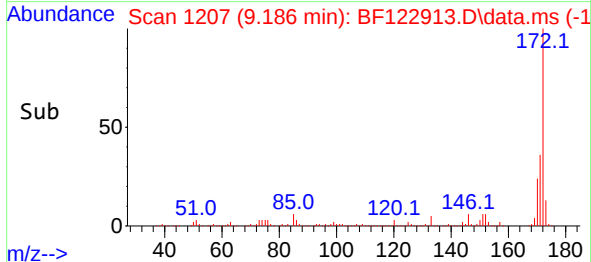
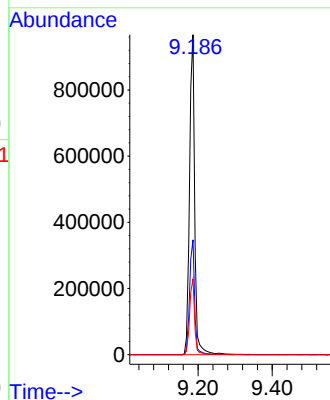
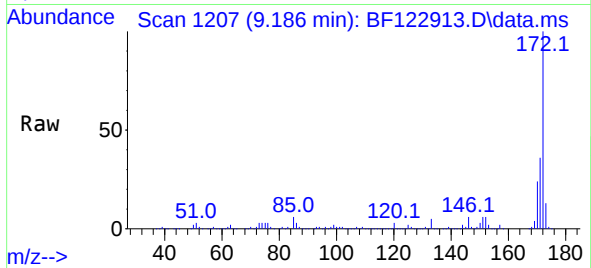




#45  
2-Fluorobiphenyl  
Concen: 52.00 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.006 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

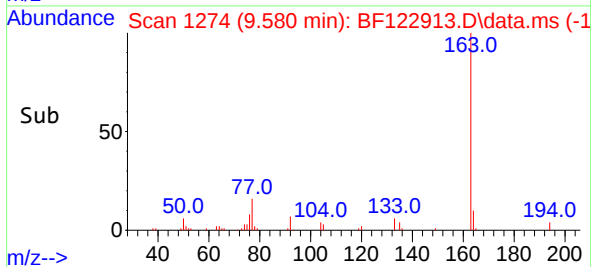
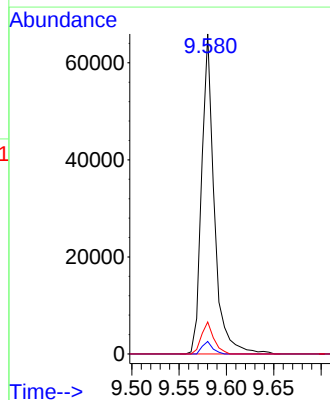
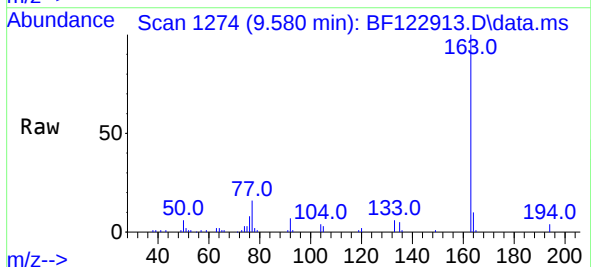
Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-123120

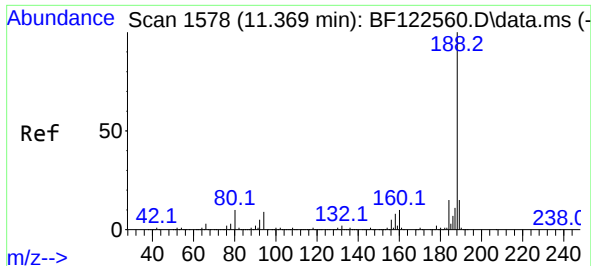
Tgt Ion:172 Resp: 932353  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.6 44.4  
170 23.7 19.5 29.3



#50  
Dimethylphthalate  
Concen: 3.18 ng  
RT: 9.580 min Scan# 1274  
Delta R.T. -0.018 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

Tgt Ion:163 Resp: 61539  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.0  
164 10.0 8.1 12.1

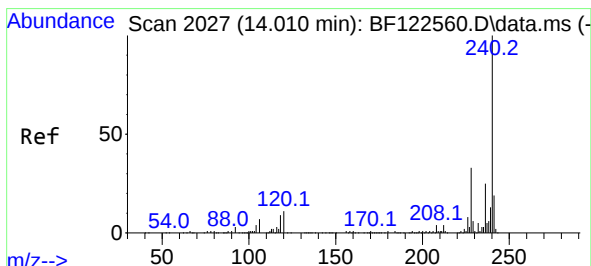
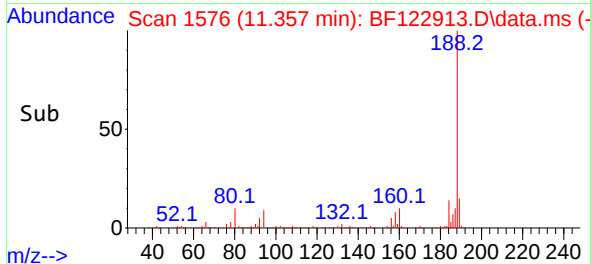
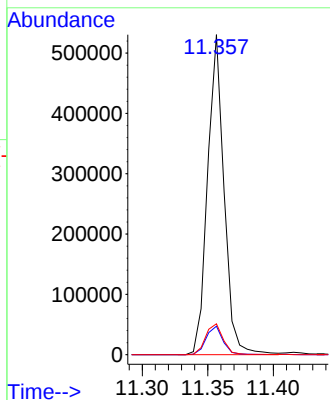
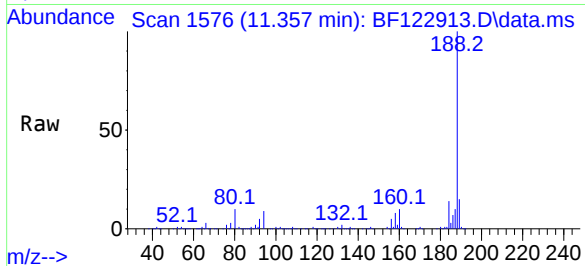




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

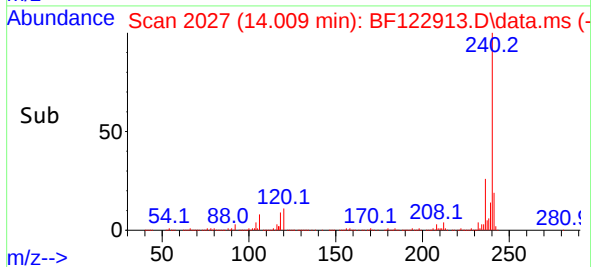
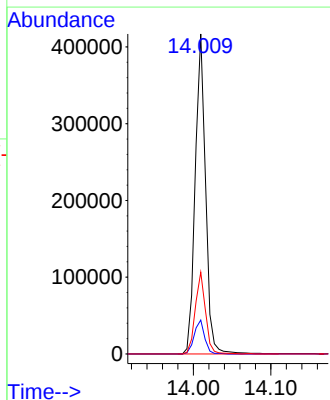
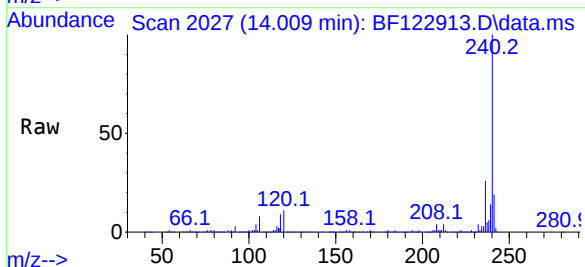
Instrument :  
BNA\_F  
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BU-03-123120

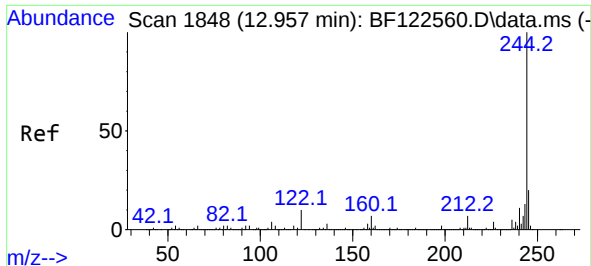
Tgt Ion:188 Resp: 465544  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.4 11.2  
80 9.6 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.009 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

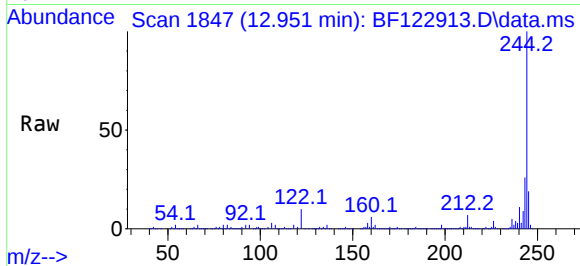
Tgt Ion:240 Resp: 387863  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.6 12.8  
236 25.6 20.3 30.5





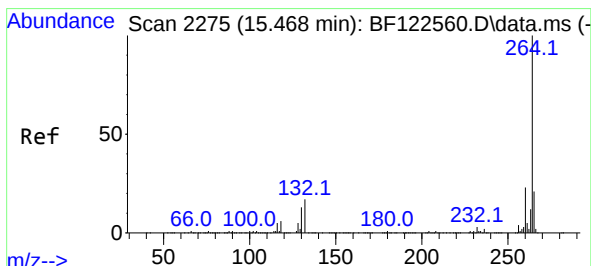
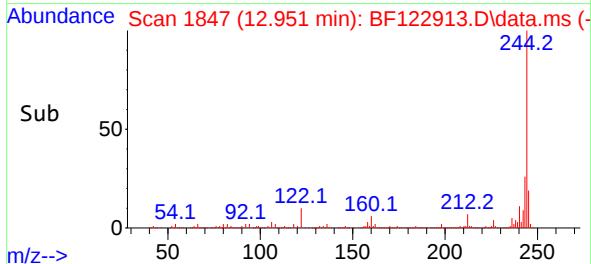
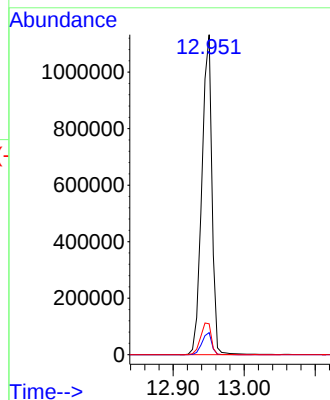
#79  
Terphenyl-d14  
Concen: 50.57 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

Instrument :  
BNA\_F  
ClientSampleId :  
BU-03-123120



Tgt Ion:244 Resp: 1120488

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.7   | 8.5   |
| 122 | 9.7   | 8.3   | 12.5  |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.486 min Scan# 2278  
Delta R.T. -0.000 min  
Lab File: BF122913.D  
Acq: 4 Jan 2021 17:32

Tgt Ion:264 Resp: 318108

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.6  | 28.0  |
| 265 | 22.2  | 17.0  | 25.6  |

