

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042723\  
 Data File : BF133104.D  
 Acq On : 27 Apr 2023 17:23  
 Operator : CG\JU  
 Sample : 02504-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-512-COMP-02

Quant Time: Apr 28 02:10:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 28 02:00:53 2023  
 Response via : Initial Calibration

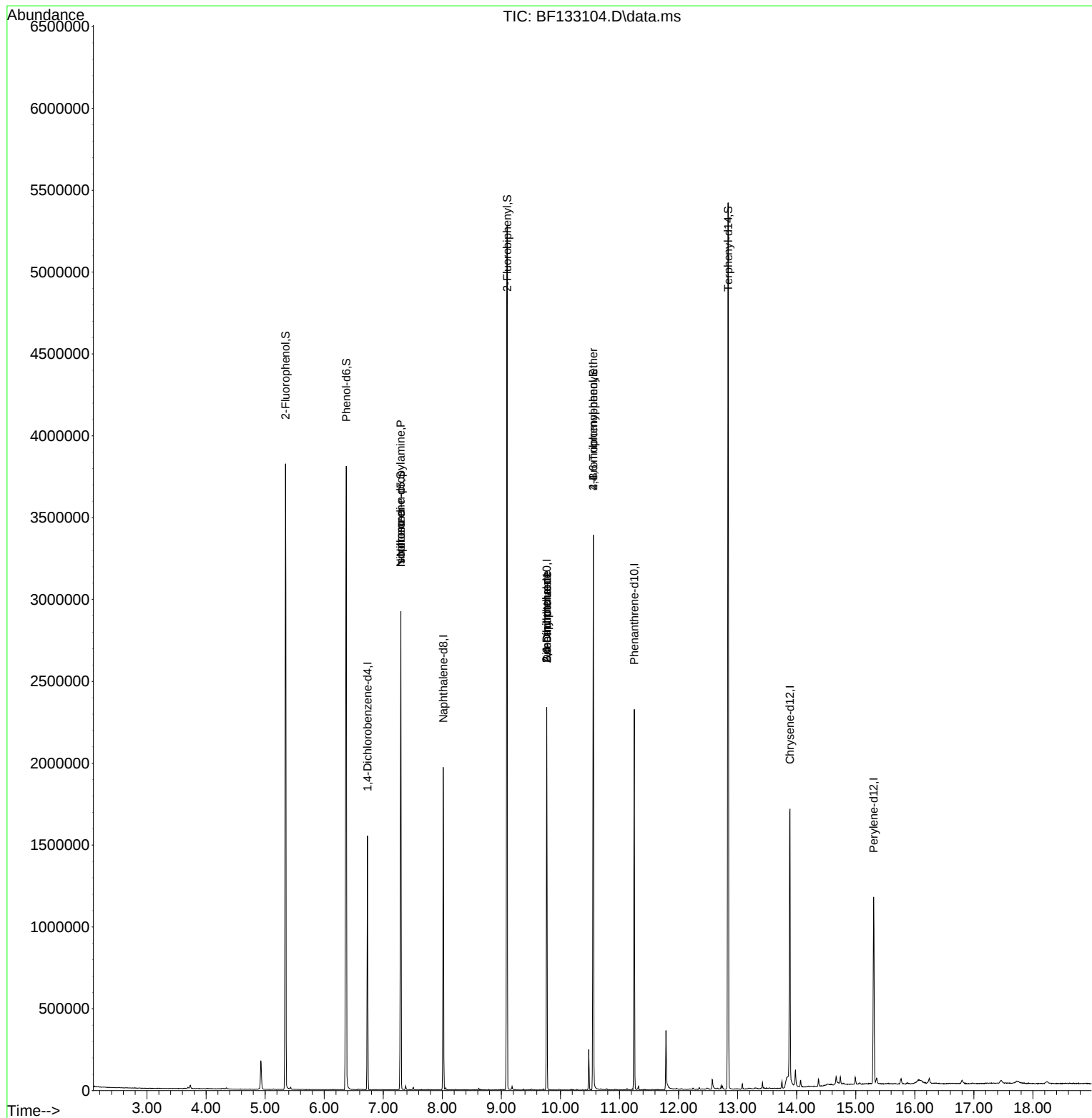
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.734  | 152  | 197737   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 803334   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.769  | 164  | 423848   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.251 | 188  | 783103   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 13.886 | 240  | 565241   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 15.304 | 264  | 472854   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.346  | 112  | 1167013  | 89.154    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.375  | 99   | 1456998  | 89.676    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.298  | 82   | 869939   | 58.452    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.557 | 330  | 423096   | 99.258    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 1630804  | 64.371    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.839 | 244  | 1994860  | 60.867    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.375  | 77   | 2062     | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 113781   | 11.249    | ng    | # 75     |
| 25) Isophorone                | 7.298  | 82   | 866986   | 30.682    | ng    | # 63     |
| 50) Dimethylphthalate         | 9.769  | 163  | 84943    | 2.874     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.769  | 165  | 54568    | 8.203     | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.769  | 165  | 54568    | 6.433     | ng    | # 23     |
| 67) 4-Bromophenyl-phenylether | 10.557 | 248  | 26284    | 3.095     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

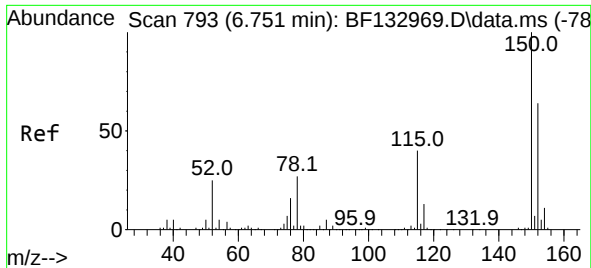
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042723\  
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Instrument :  
BNA\_F  
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Quant Time: Apr 28 02:10:36 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 28 02:00:53 2023  
Response via : Initial Calibration

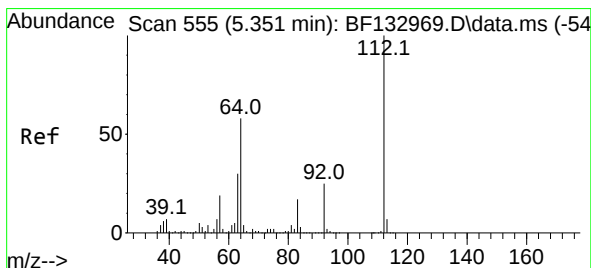
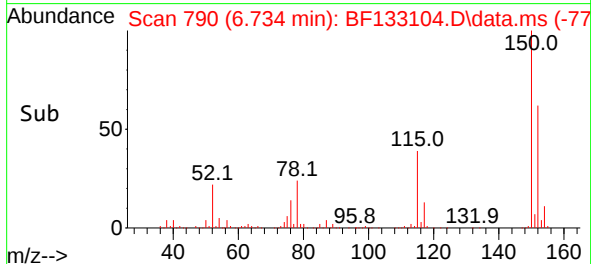
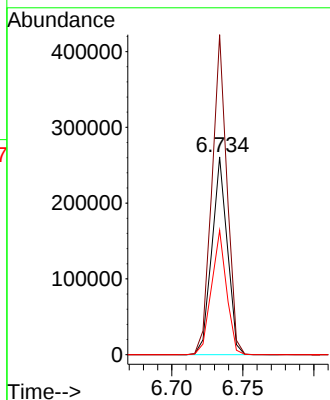
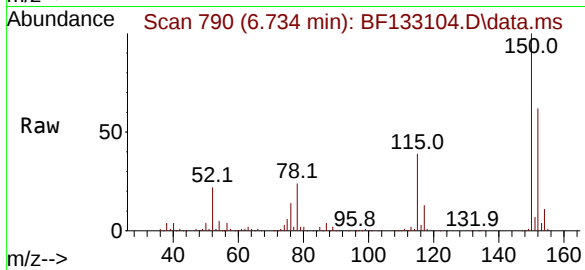




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.734 min Scan# 793  
 Delta R.T. -0.006 min  
 Lab File: BF133104.D  
 Acq: 27 Apr 2023 17:23

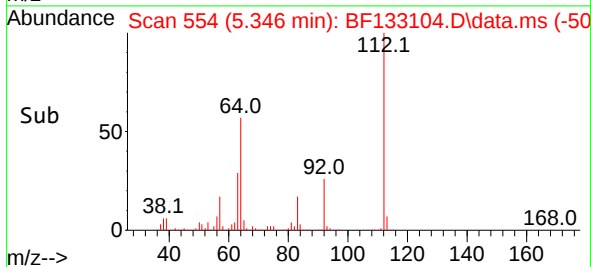
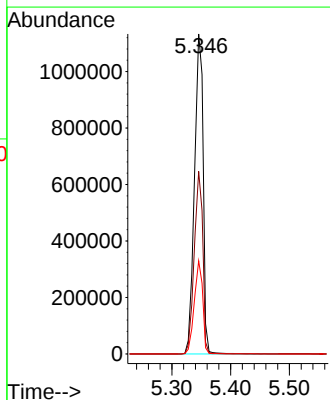
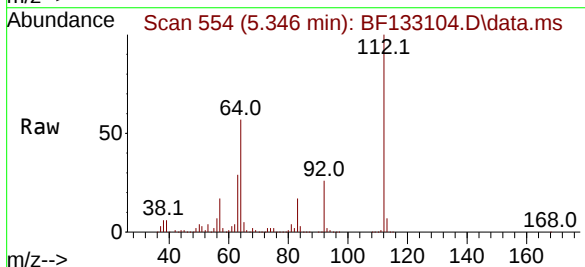
Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-512-COMP-02

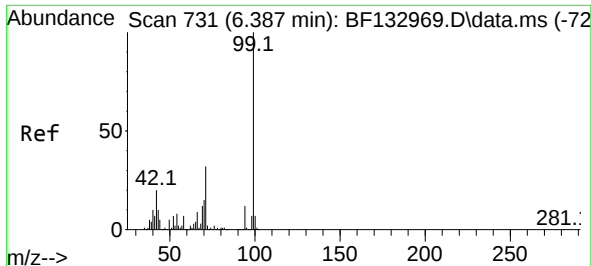
Tgt Ion:152 Resp: 197737  
 Ion Ratio Lower Upper  
 152 100  
 150 161.8 124.8 187.2  
 115 62.8 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 89.154 ng  
 RT: 5.346 min Scan# 554  
 Delta R.T. -0.000 min  
 Lab File: BF133104.D  
 Acq: 27 Apr 2023 17:23

Tgt Ion:112 Resp: 1167013  
 Ion Ratio Lower Upper  
 112 100  
 64 57.0 46.8 70.2  
 63 29.1 23.8 35.8

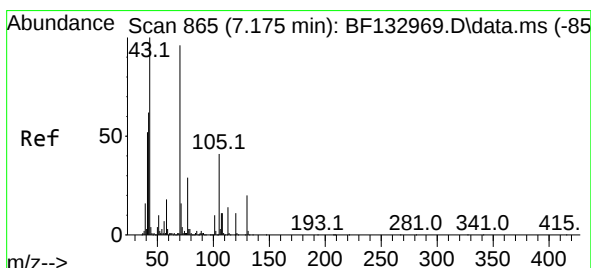
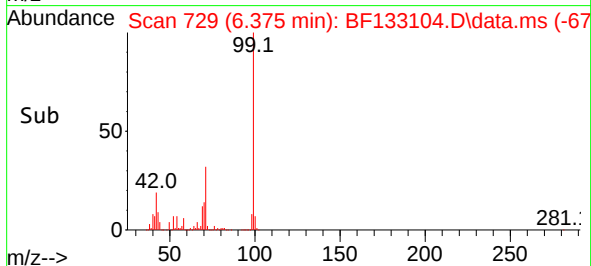
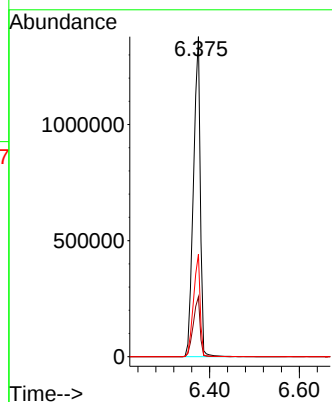
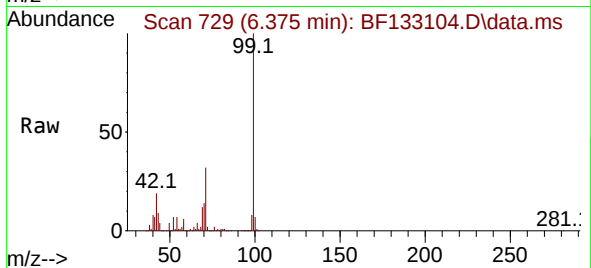




#7  
Phenol-d6  
Concen: 89.676 ng  
RT: 6.375 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

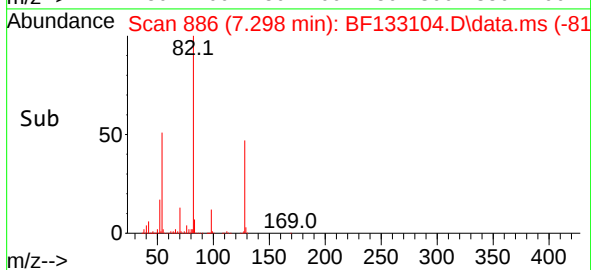
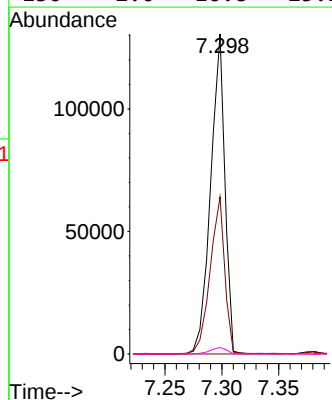
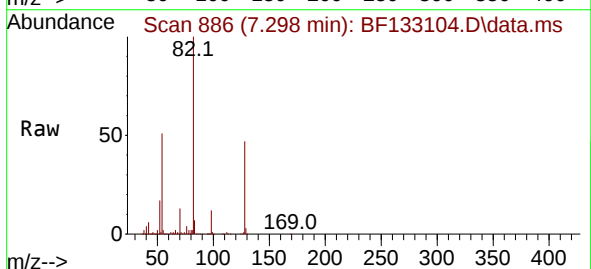
Instrument :  
BNA\_F  
ClientSampleId :  
BU-512-COMP-02

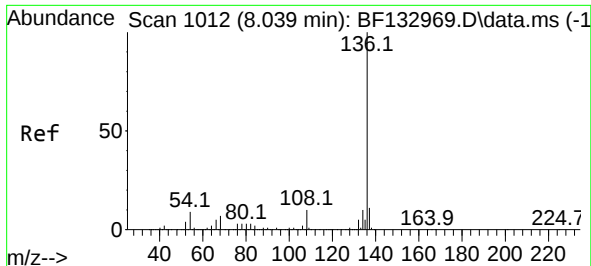
Tgt Ion: 99 Resp: 1456998  
Ion Ratio Lower Upper  
99 100  
42 18.7 16.3 24.5  
71 32.0 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.249 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.141 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

Tgt Ion: 70 Resp: 113781  
Ion Ratio Lower Upper  
70 100  
42 49.1 51.8 77.6#  
101 0.0 8.0 12.0#  
130 2.0 16.8 25.2#



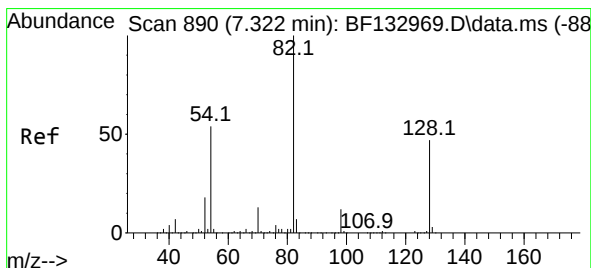
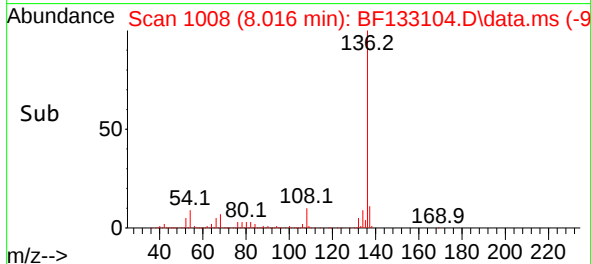
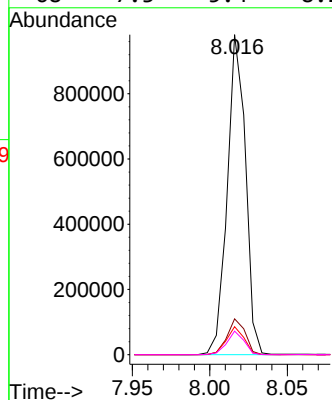
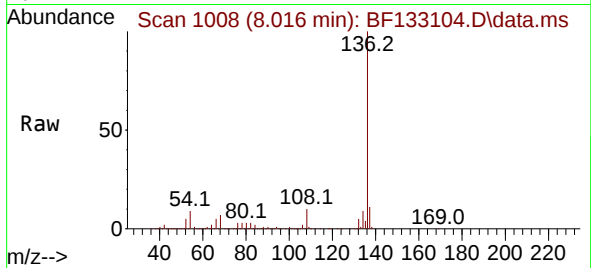


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

Instrument :  
BNA\_F  
ClientSampleId :  
BU-512-COMP-02

Tgt Ion:136 Resp: 803334

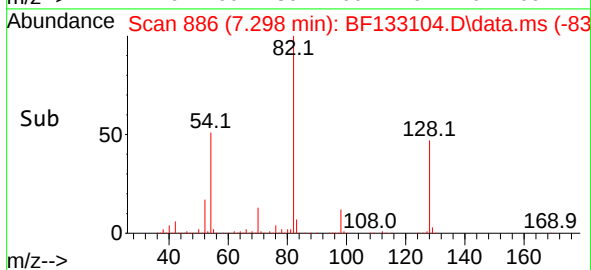
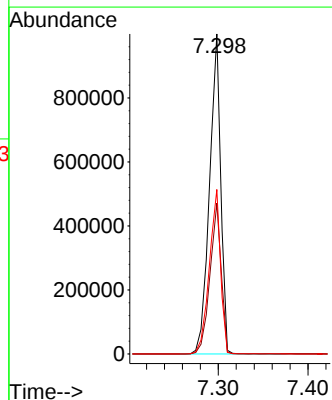
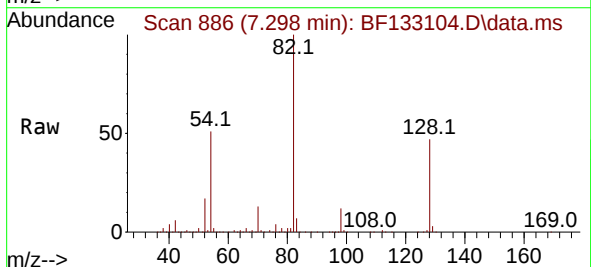
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.6   | 13.0  |
| 54  | 8.8   | 7.0   | 10.4  |
| 68  | 7.3   | 5.4   | 8.2   |

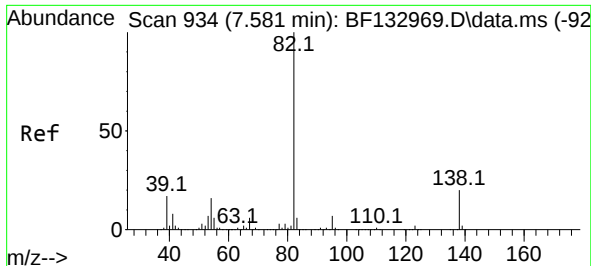


#23  
Nitrobenzene-d5  
Concen: 58.452 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

Tgt Ion: 82 Resp: 869939

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.2  | 37.7  | 56.5  |
| 54  | 51.4  | 43.0  | 64.4  |

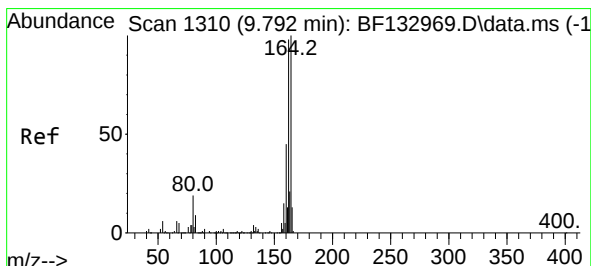
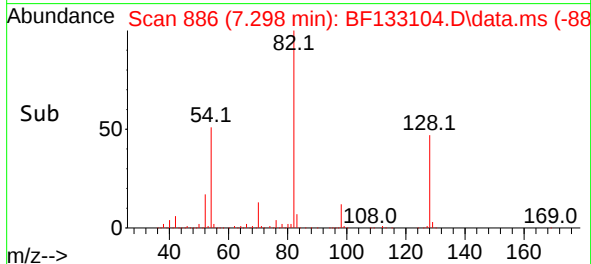
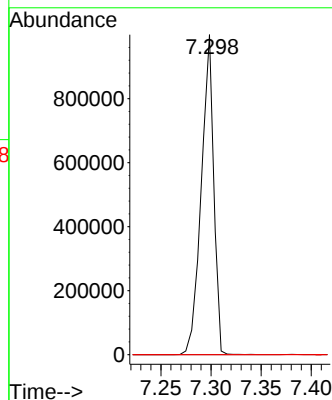
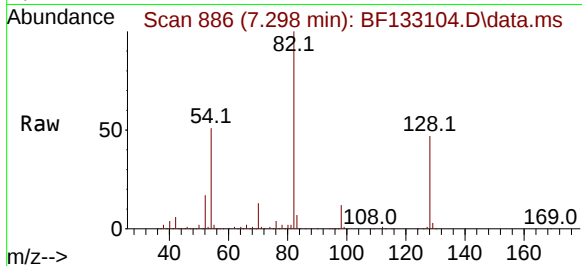




#25  
Isophorone  
Concen: 30.682 ng  
RT: 7.298 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

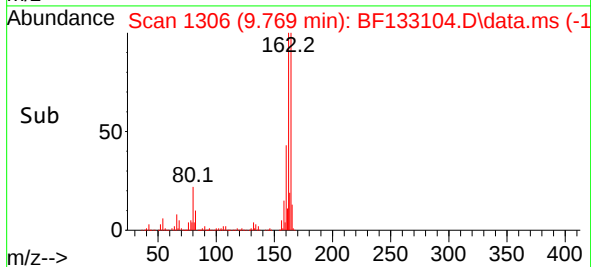
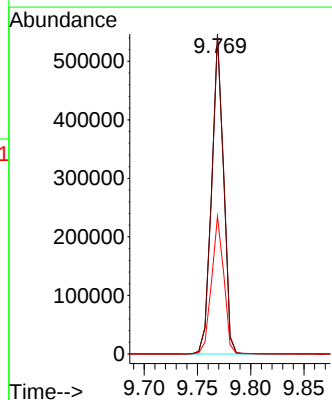
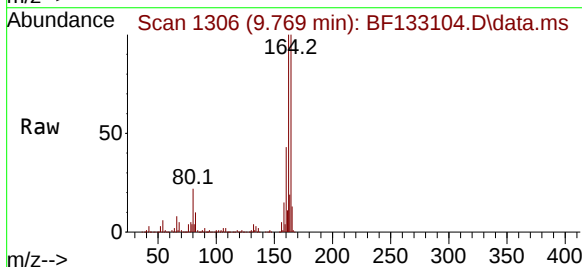
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BU-512-COMP-02

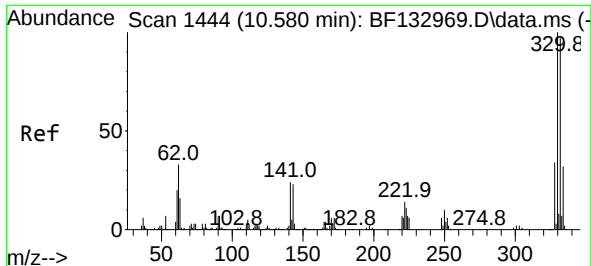
Tgt Ion: 82 Resp: 866986  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.0#  
138 0.0 16.0 24.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.769 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

Tgt Ion:164 Resp: 423848  
Ion Ratio Lower Upper  
164 100  
162 99.5 78.7 118.1  
160 42.9 35.8 53.6

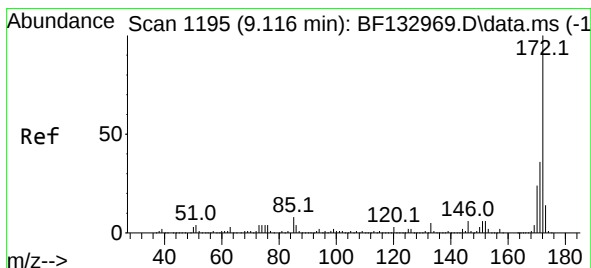
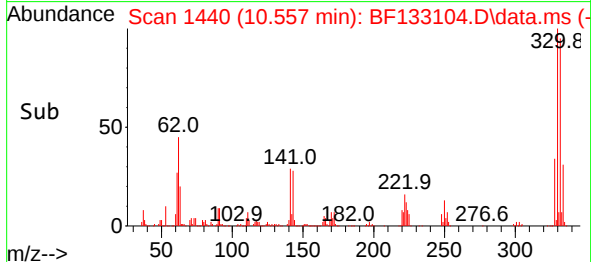
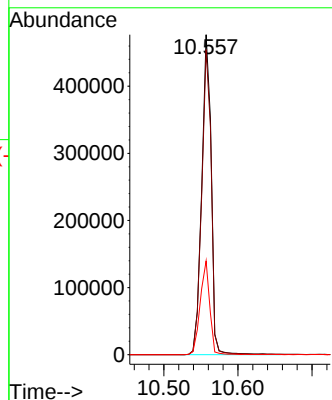
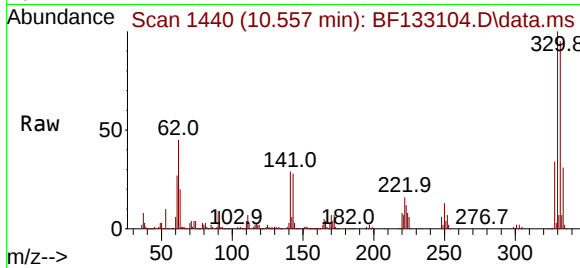




#42  
 2,4,6-Tribromophenol  
 Concen: 99.258 ng  
 RT: 10.557 min Scan# 1440  
 Delta R.T. -0.006 min  
 Lab File: BF133104.D  
 Acq: 27 Apr 2023 17:23

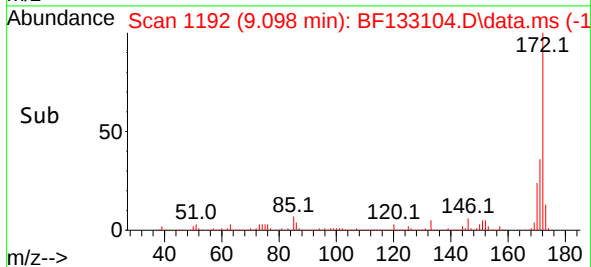
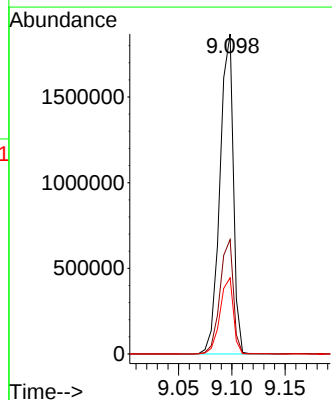
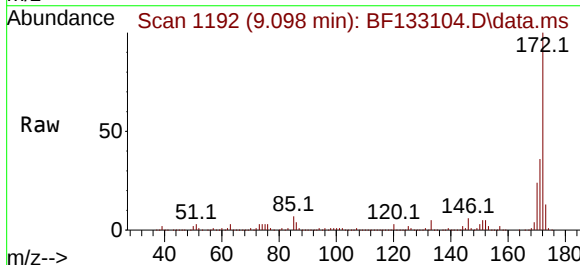
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 BU-512-COMP-02

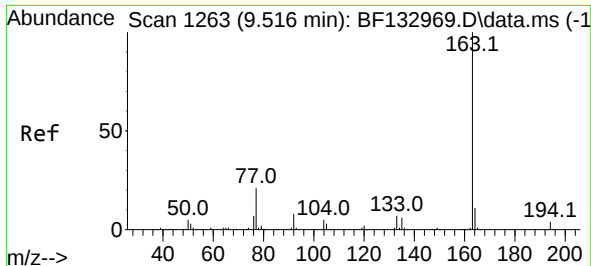
Tgt Ion:330 Resp: 423096  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 77.1 115.7  
 141 29.4 25.8 38.8



#45  
 2-Fluorobiphenyl  
 Concen: 64.371 ng  
 RT: 9.098 min Scan# 1192  
 Delta R.T. -0.000 min  
 Lab File: BF133104.D  
 Acq: 27 Apr 2023 17:23

Tgt Ion:172 Resp: 1630804  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.8 43.2  
 170 23.8 19.4 29.2

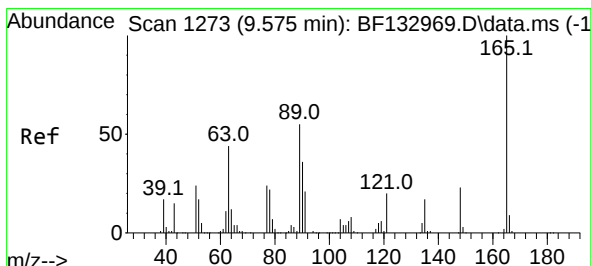
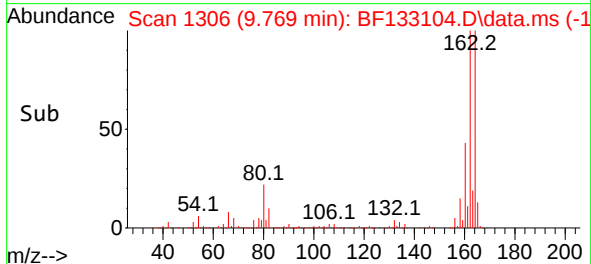
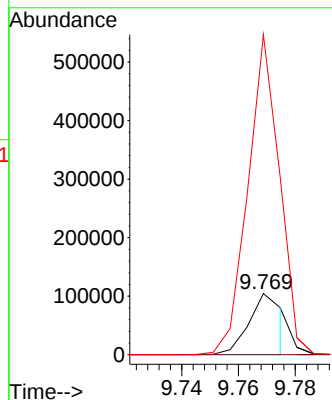
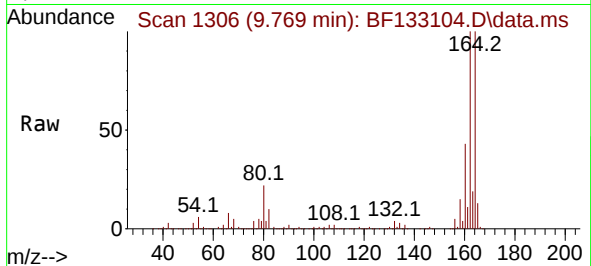




#50  
Dimethylphthalate  
Concen: 2.874 ng  
RT: 9.769 min Scan# 1306  
Delta R.T. 0.265 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

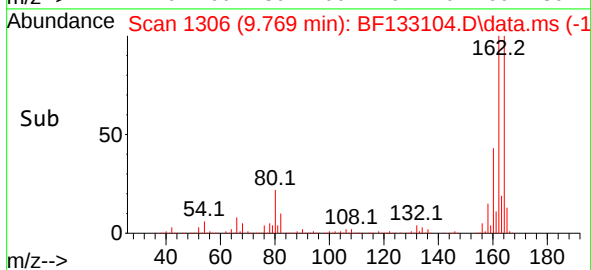
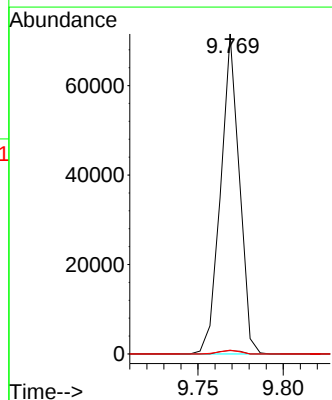
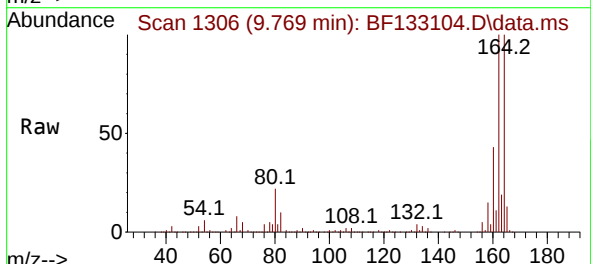
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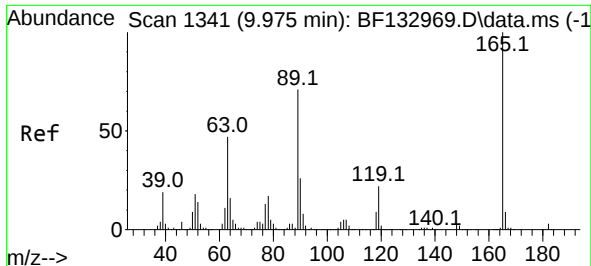
Tgt Ion:163 Resp: 84943  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 523.1 8.5 12.7#



#51  
2,6-Dinitrotoluene  
Concen: 8.203 ng  
RT: 9.769 min Scan# 1306  
Delta R.T. 0.206 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

Tgt Ion:165 Resp: 54568  
Ion Ratio Lower Upper  
165 100  
63 1.0 45.9 68.9#  
89 1.2 44.0 66.0#

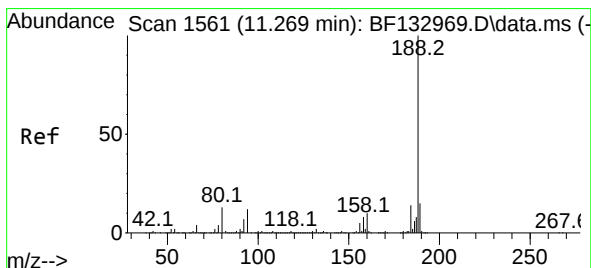
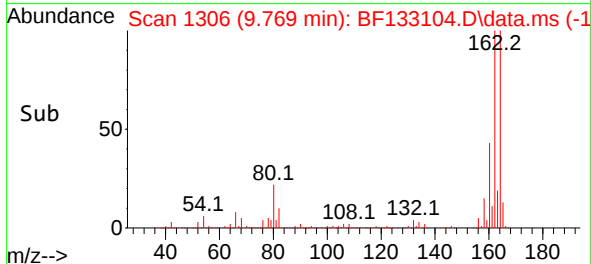
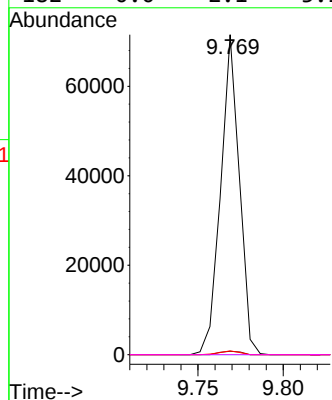
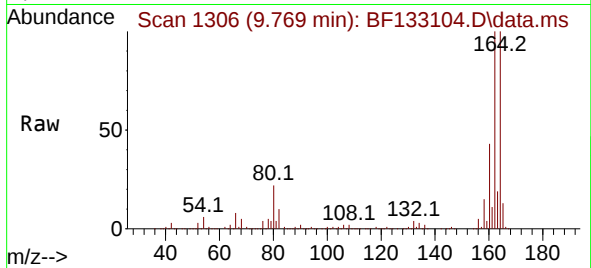




#57  
2,4-Dinitrotoluene  
Concen: 6.433 ng  
RT: 9.769 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

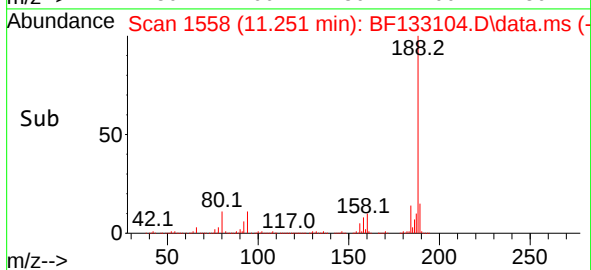
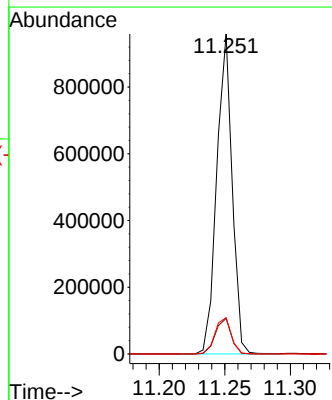
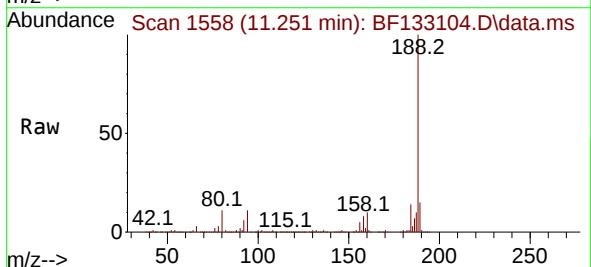
Instrument :  
BNA\_F  
ClientSampleId :  
BU-512-COMP-02

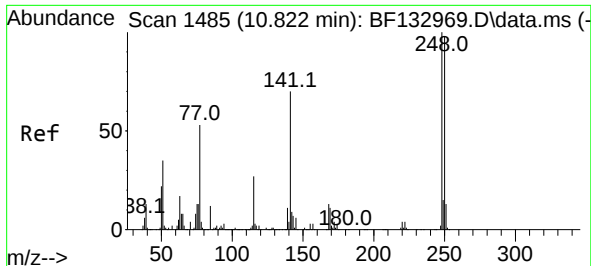
Tgt Ion:165 Resp: 54568  
Ion Ratio Lower Upper  
165 100  
63 1.0 37.7 56.5#  
89 1.2 57.0 85.4#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.251 min Scan# 1558  
Delta R.T. -0.006 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

Tgt Ion:188 Resp: 783103  
Ion Ratio Lower Upper  
188 100  
94 11.1 9.7 14.5  
80 11.3 10.4 15.6

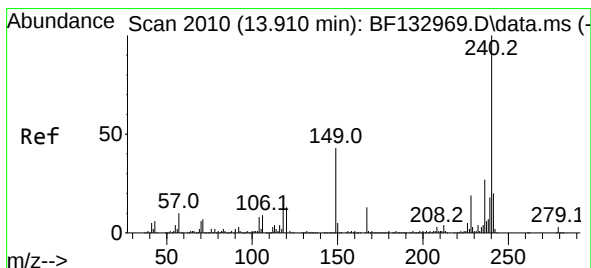
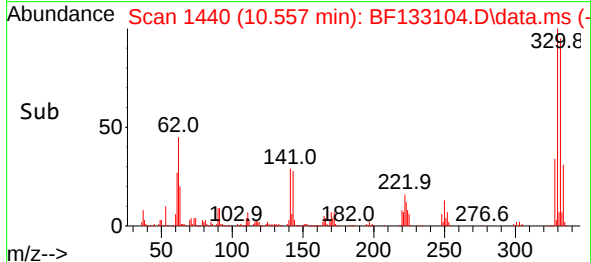
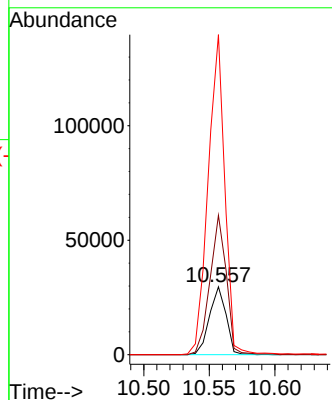
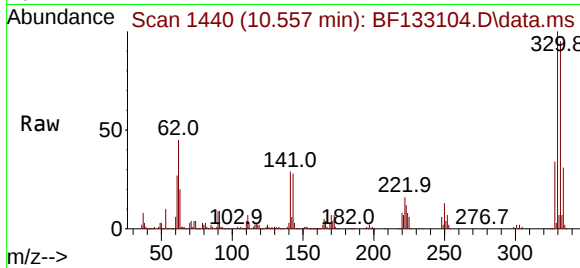




#67  
4-Bromophenyl-phenylether  
Concen: 3.095 ng  
RT: 10.557 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

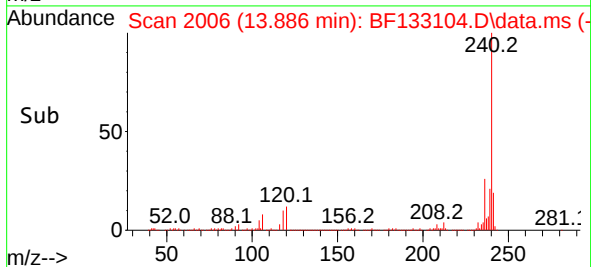
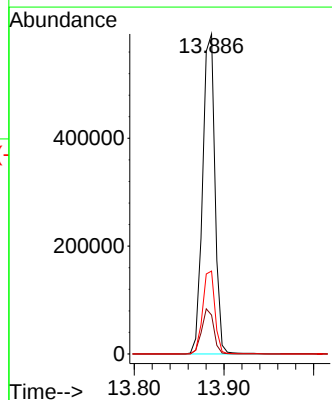
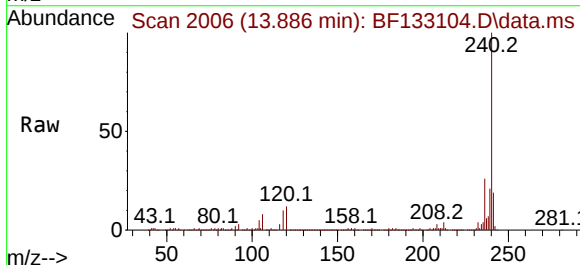
Instrument :  
BNA\_F  
ClientSampleId :  
BU-512-COMP-02

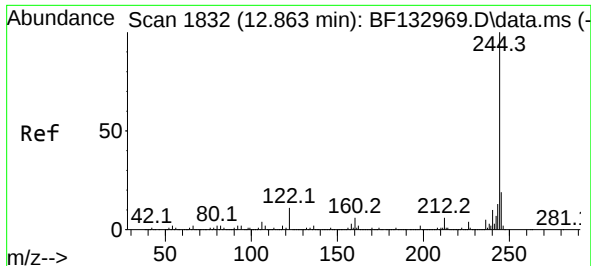
Tgt Ion:248 Resp: 26284  
Ion Ratio Lower Upper  
248 100  
250 205.5 78.7 118.1#  
141 471.6 56.3 84.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. -0.012 min  
Lab File: BF133104.D  
Acq: 27 Apr 2023 17:23

Tgt Ion:240 Resp: 565241  
Ion Ratio Lower Upper  
240 100  
120 12.1 10.5 15.7  
236 25.9 21.5 32.3

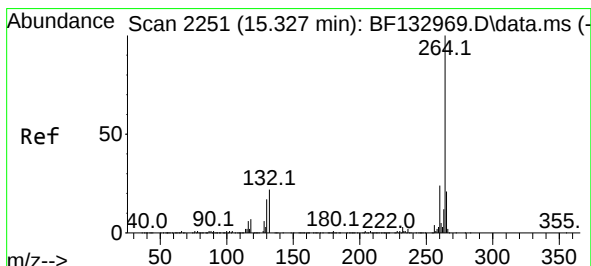
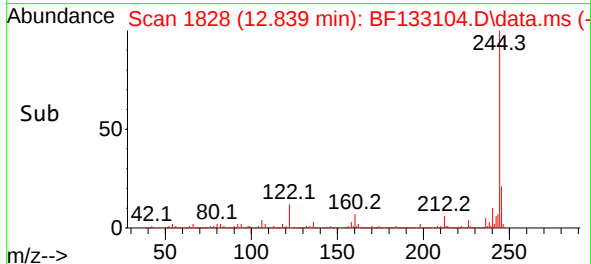
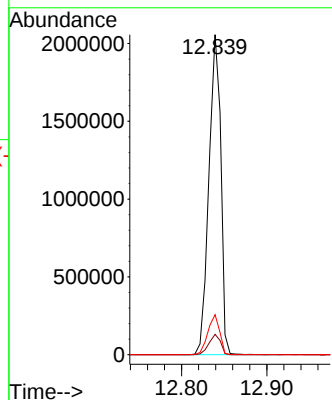
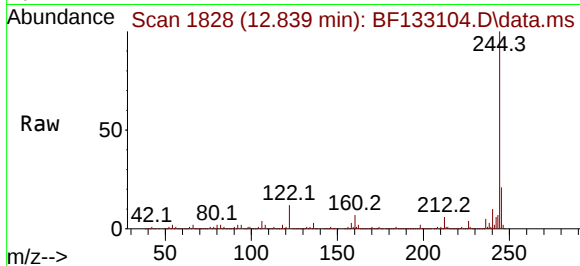




#79  
 Terphenyl-d14  
 Concen: 60.867 ng  
 RT: 12.839 min Scan# 1828  
 Delta R.T. -0.006 min  
 Lab File: BF133104.D  
 Acq: 27 Apr 2023 17:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BU-512-COMP-02

Tgt Ion:244 Resp: 1994860  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.1 7.7  
 122 12.5 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.304 min Scan# 2247  
 Delta R.T. -0.012 min  
 Lab File: BF133104.D  
 Acq: 27 Apr 2023 17:23

Tgt Ion:264 Resp: 472854  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.8 28.2  
 265 22.0 17.0 25.4

