

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092722\  
 Data File : BF130428.D  
 Acq On : 27 Sep 2022 16:50  
 Operator : CG\JU  
 Sample : N4822-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIER-INSIDE-SITE

Quant Time: Sep 27 18:42:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 27 01:00:47 2022  
 Response via : Initial Calibration

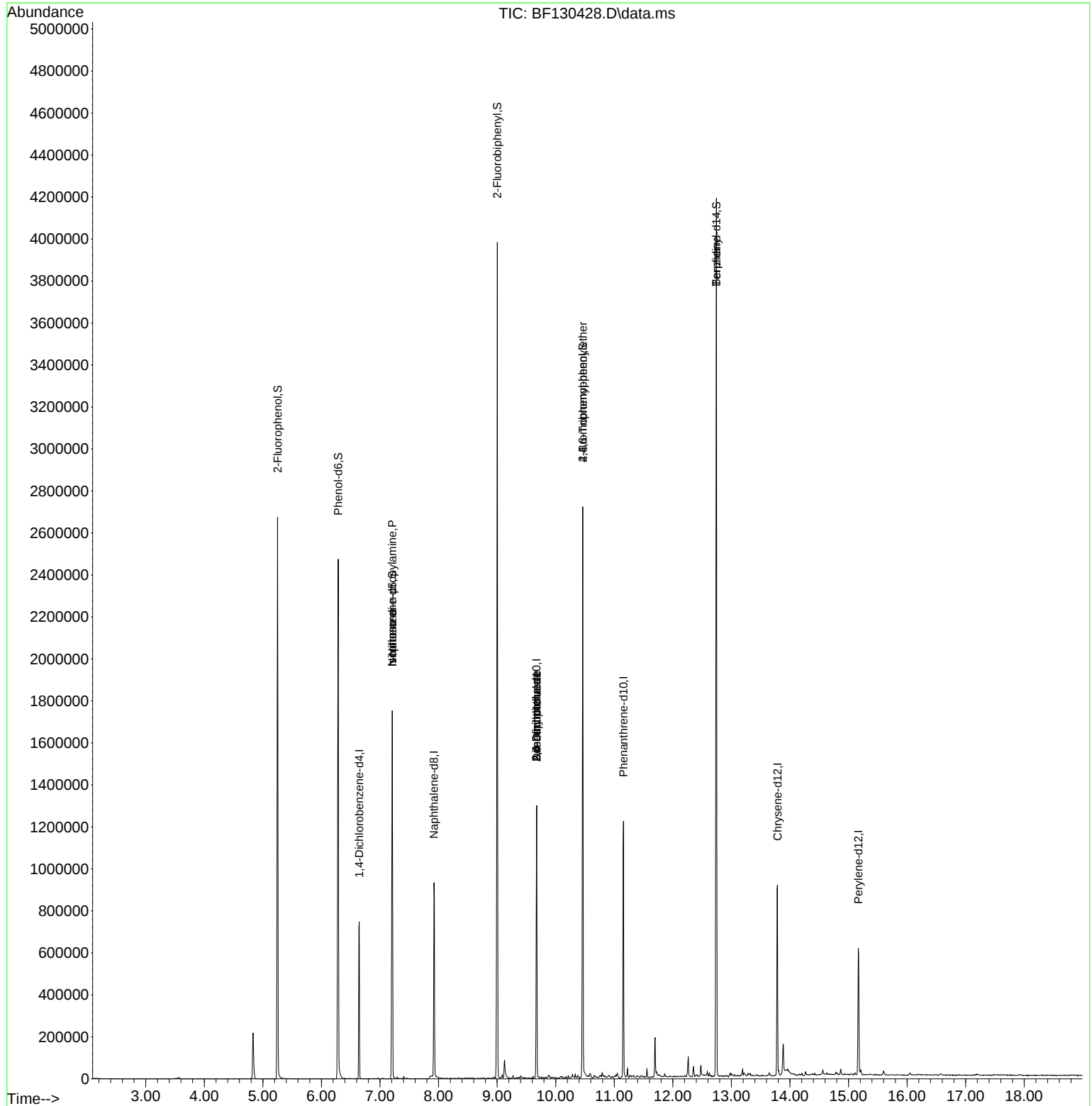
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.645  | 152  | 112087   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.922  | 136  | 447227   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.674  | 164  | 244631   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.157 | 188  | 434001   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.786 | 240  | 318070   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.168 | 264  | 258954   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.251  | 112  | 713670   | 110.435 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.286  | 99   | 884728   | 109.416 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.210  | 82   | 566140   | 64.672  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.463 | 330  | 310024   | 132.261 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.004  | 172  | 1151777  | 68.561  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.745 | 244  | 1355835  | 70.611  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 77571    | 14.217  | ng    | # 73     |
| 25) Isophorone                | 7.210  | 82   | 566224   | 40.131  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.674  | 163  | 45624    | 2.700   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.674  | 165  | 31694    | 8.968   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 9.674  | 165  | 31694    | 7.017   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.463 | 248  | 18901    | 3.948   | ng    | # 1      |
| 77) Benzidine                 | 12.745 | 184  | 18653    | 2.020   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

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

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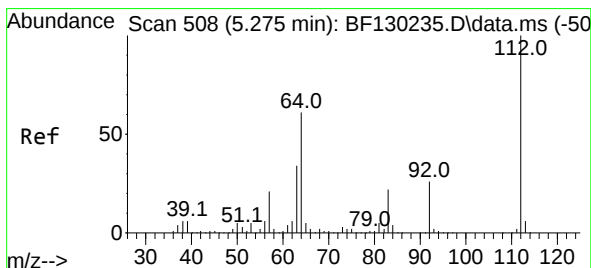
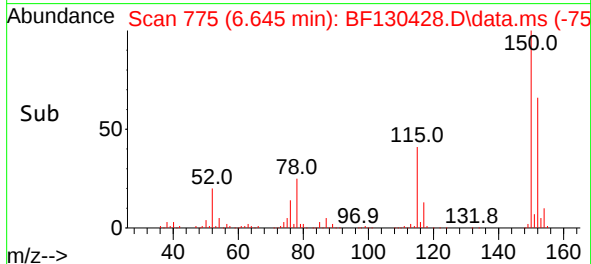
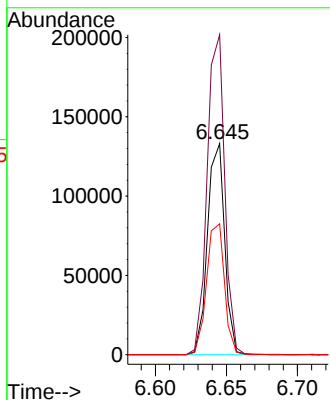
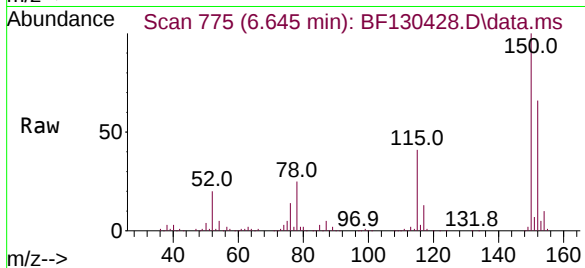




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.645 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

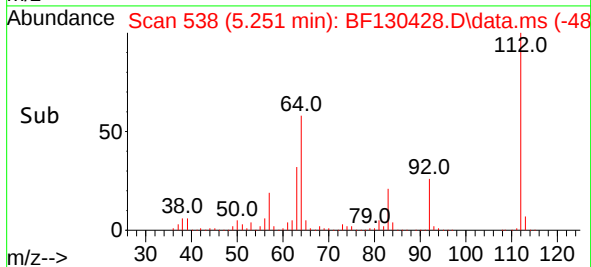
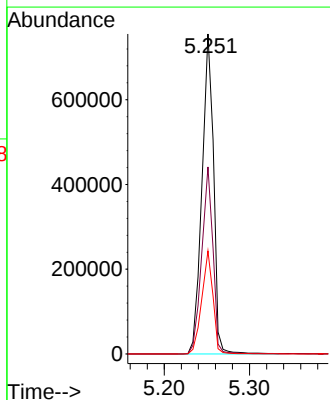
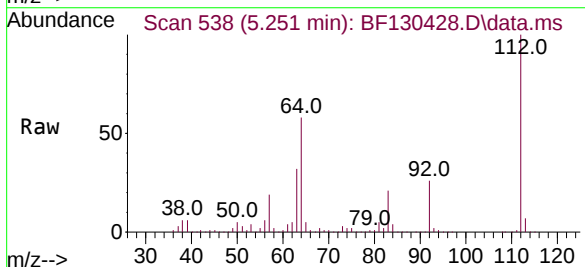
Instrument :  
BNA\_F  
ClientSampleId :  
PIER-INSIDE-SITE

Tgt Ion:152 Resp: 112087  
Ion Ratio Lower Upper  
152 100  
150 151.7 122.8 184.2  
115 62.0 53.8 80.8



#5  
2-Fluorophenol  
Concen: 110.435 ng  
RT: 5.251 min Scan# 538  
Delta R.T. 0.006 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Tgt Ion:112 Resp: 713670  
Ion Ratio Lower Upper  
112 100  
64 58.5 51.4 77.0  
63 32.2 28.8 43.2

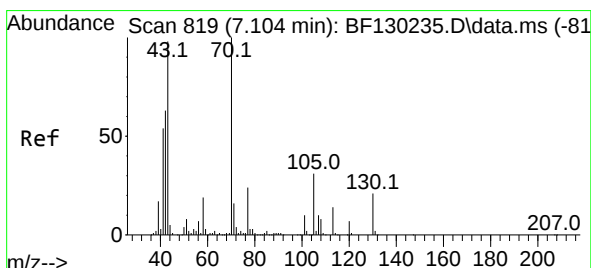
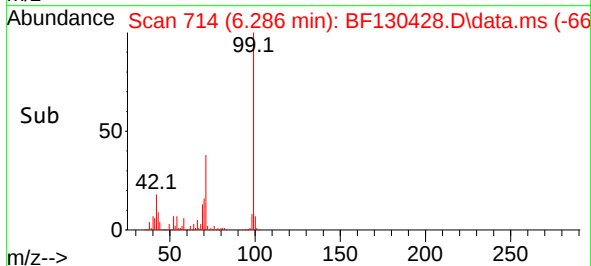
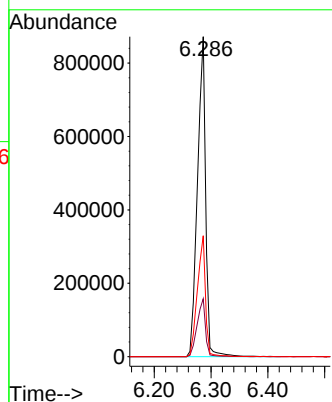
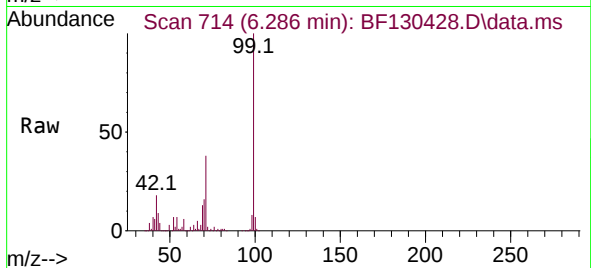




#7  
Phenol-d6  
Concen: 109.416 ng  
RT: 6.286 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

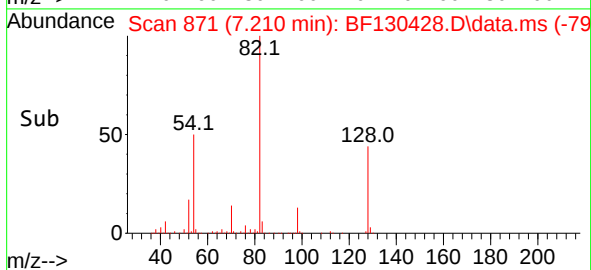
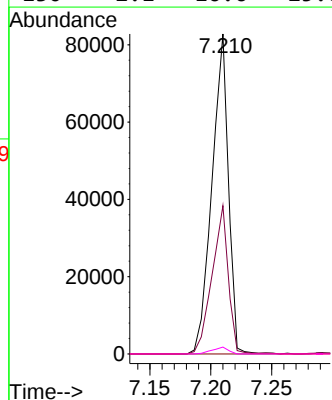
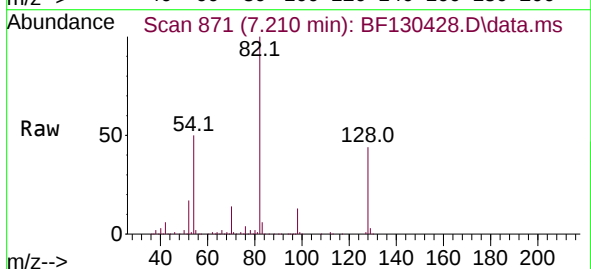
Instrument :  
BNA\_F  
ClientSampleId :  
PIER-INSIDE-SITE

Tgt Ion: 99 Resp: 884728  
Ion Ratio Lower Upper  
99 100  
42 18.1 17.0 25.6  
71 37.8 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.217 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.135 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Tgt Ion: 70 Resp: 77571  
Ion Ratio Lower Upper  
70 100  
42 46.4 50.8 76.2#  
101 0.0 8.2 12.4#  
130 2.1 16.6 25.0#



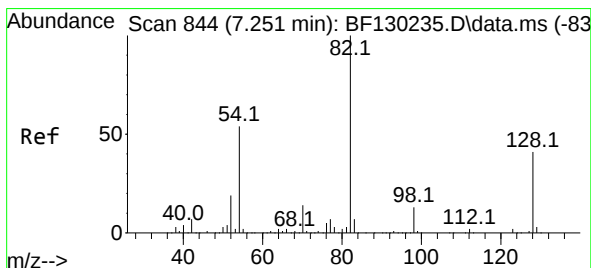
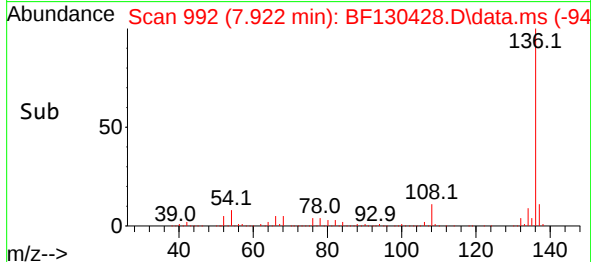
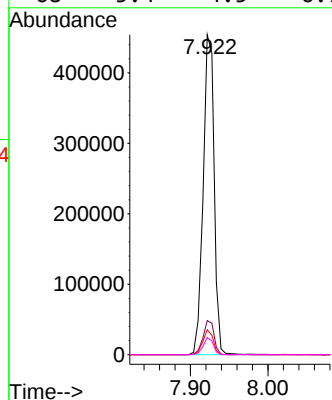
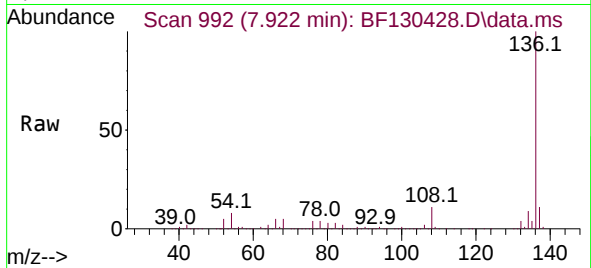


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.922 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PIER-INSIDE-SITE

Tgt Ion:136 Resp: 447227

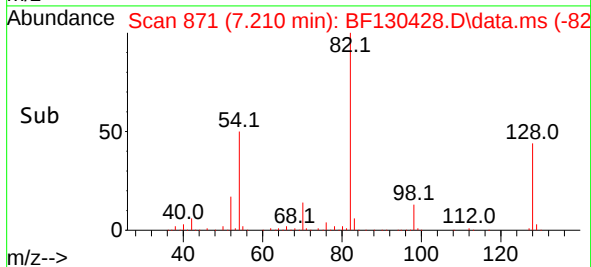
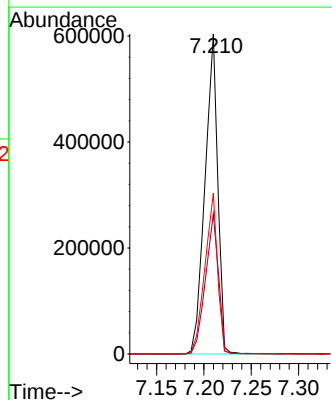
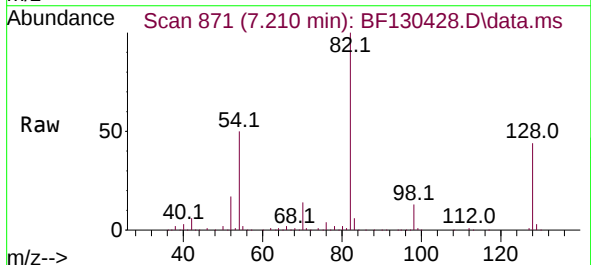
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 9.1   | 13.7  |
| 54  | 7.8   | 7.1   | 10.7  |
| 68  | 5.4   | 4.5   | 6.7   |



#23  
Nitrobenzene-d5  
Concen: 64.672 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.012 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Tgt Ion: 82 Resp: 566140

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.7  | 32.6  | 49.0  |
| 54  | 50.2  | 43.8  | 65.6  |

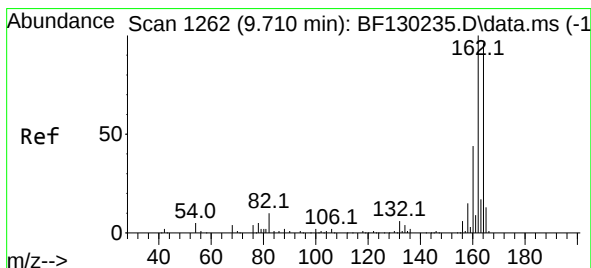
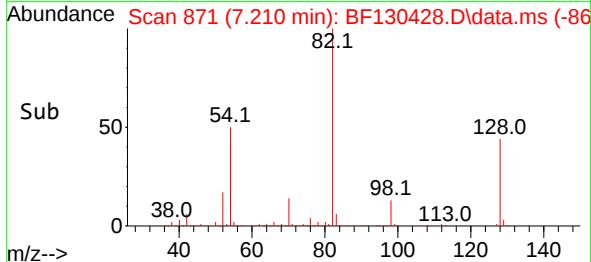
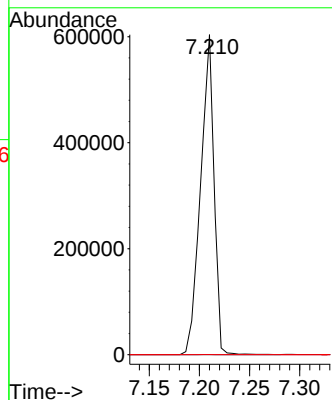
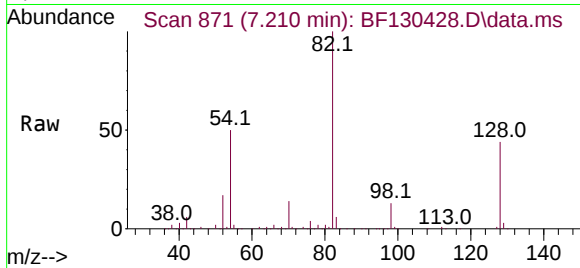




#25  
Isophorone  
Concen: 40.131 ng  
RT: 7.210 min Scan# 81  
Delta R.T. -0.271 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

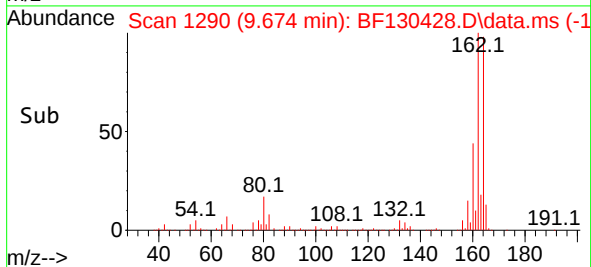
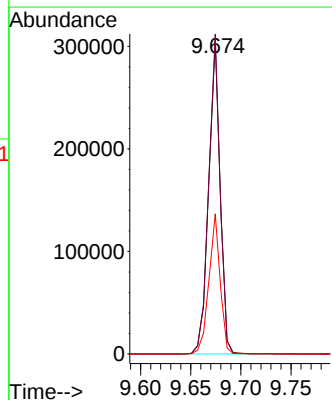
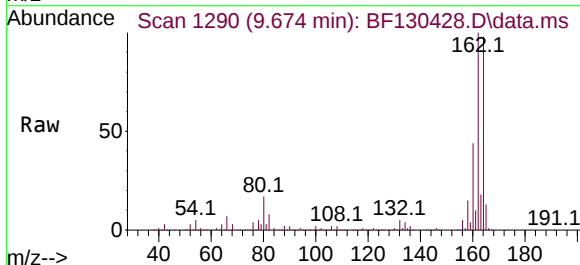
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ClientSampleId :  
PIER-INSIDE-SITE

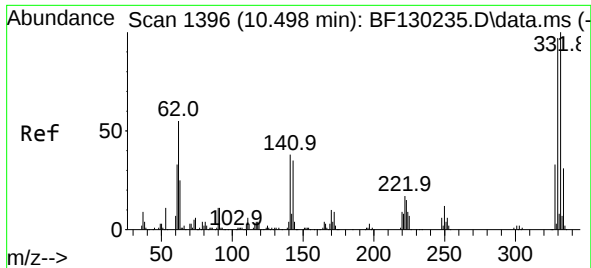
Tgt Ion: 82 Resp: 566224  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.674 min Scan# 1290  
Delta R.T. -0.012 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

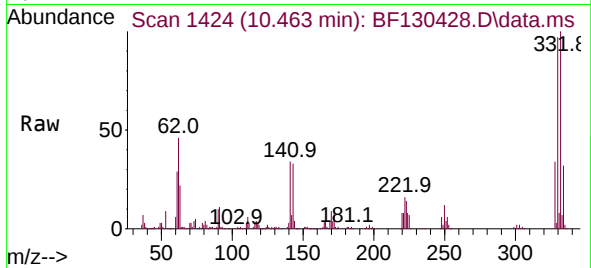
Tgt Ion: 164 Resp: 244631  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.4 122.0  
160 44.8 36.2 54.4



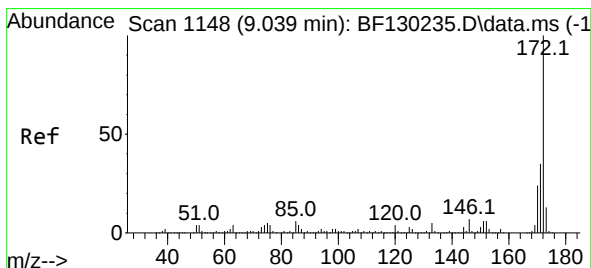
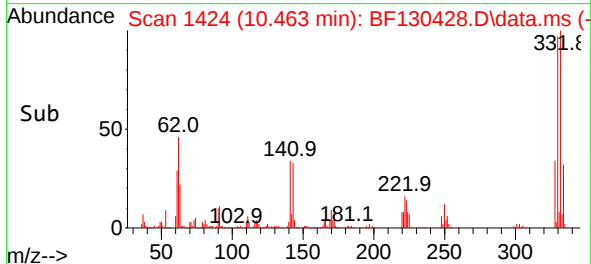
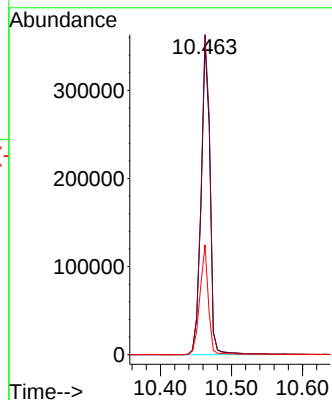


#42  
2,4,6-Tribromophenol  
Concen: 132.261 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.018 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Instrument :  
BNA\_F  
ClientSampleId :  
PIER-INSIDE-SITE

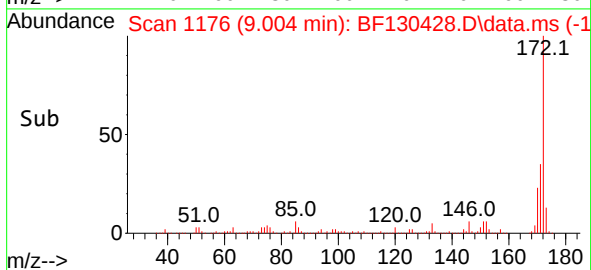
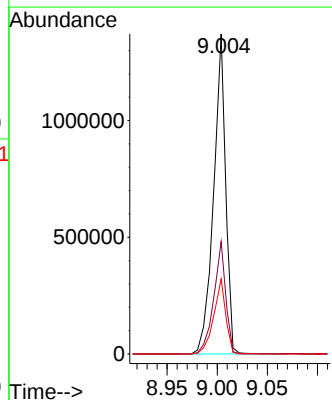
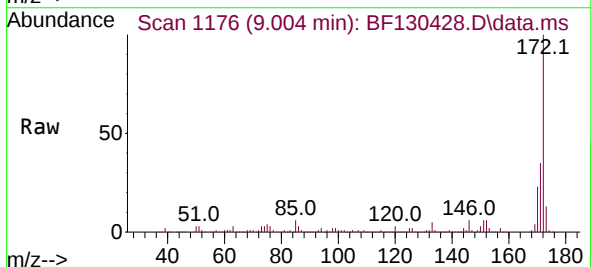


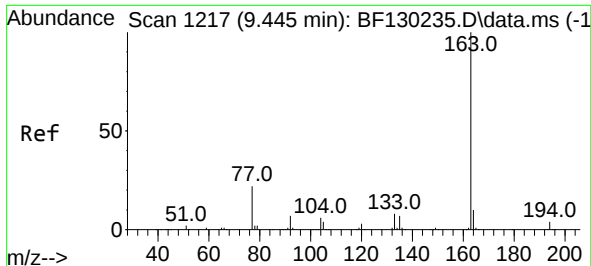
Tgt Ion:330 Resp: 310024  
Ion Ratio Lower Upper  
330 100  
332 103.5 83.4 125.2  
141 33.6 34.0 51.0#



#45  
2-Fluorobiphenyl  
Concen: 68.561 ng  
RT: 9.004 min Scan# 1176  
Delta R.T. -0.012 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Tgt Ion:172 Resp: 1151777  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.3 42.5  
170 23.5 18.7 28.1

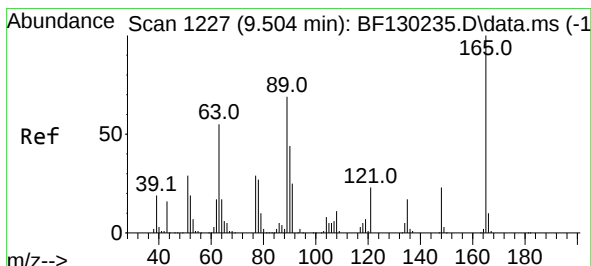
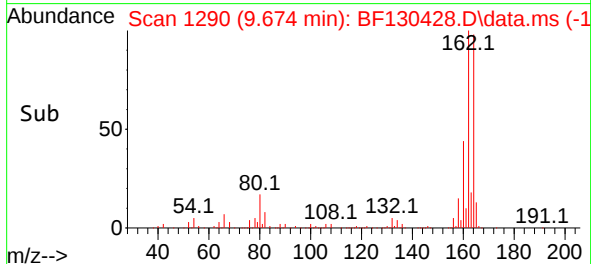
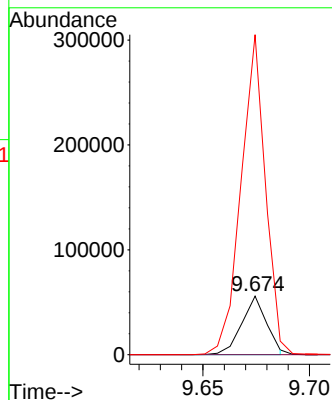
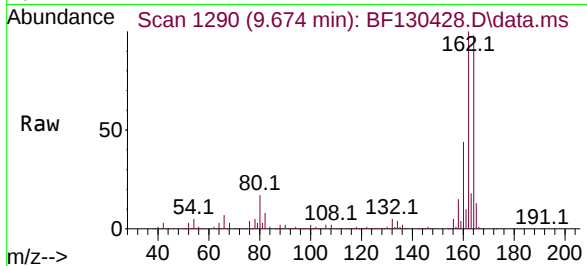




#50  
Dimethylphthalate  
Concen: 2.700 ng  
RT: 9.674 min Scan# 1290  
Delta R.T. 0.253 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

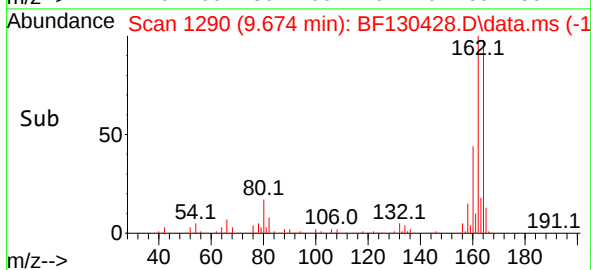
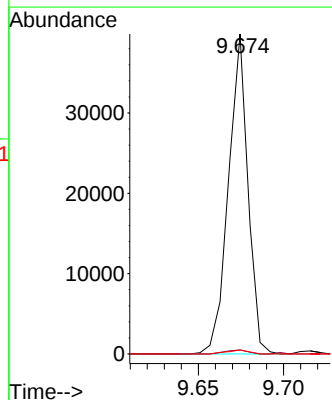
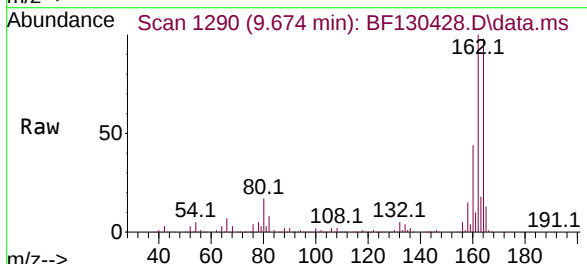
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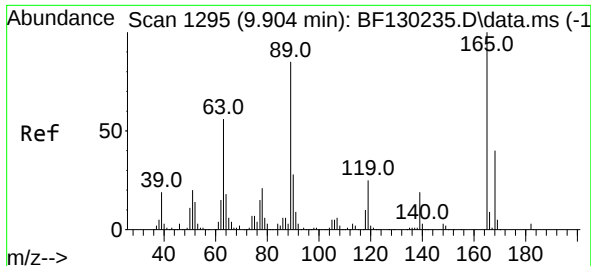
Tgt Ion:163 Resp: 45624  
Ion Ratio Lower Upper  
163 100  
194 0.0 2.8 4.2#  
164 546.8 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 8.968 ng  
RT: 9.674 min Scan# 1290  
Delta R.T. 0.188 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Tgt Ion:165 Resp: 31694  
Ion Ratio Lower Upper  
165 100  
63 1.2 58.8 88.2#  
89 1.3 54.5 81.7#

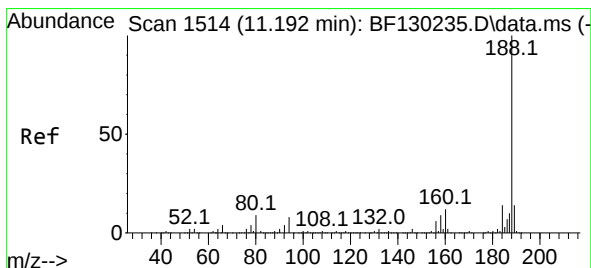
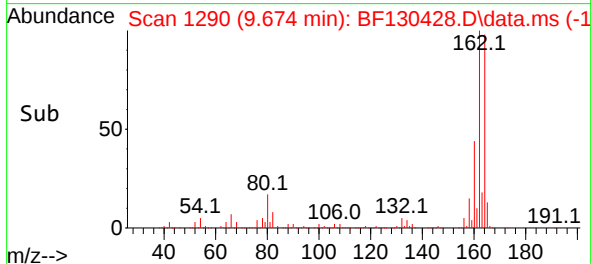
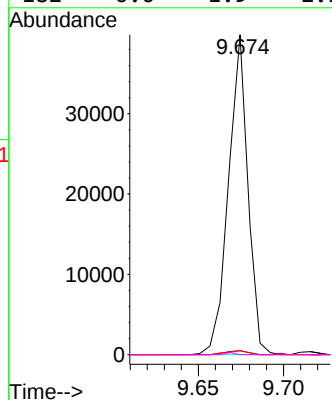
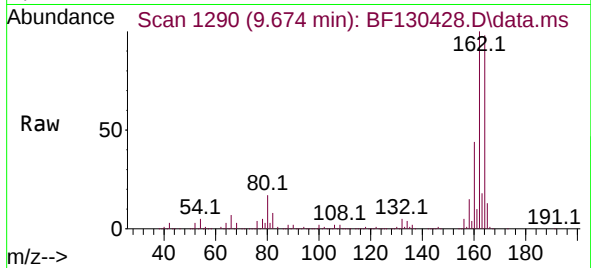




#57  
2,4-Dinitrotoluene  
Concen: 7.017 ng  
RT: 9.674 min Scan# 11  
Delta R.T. -0.212 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

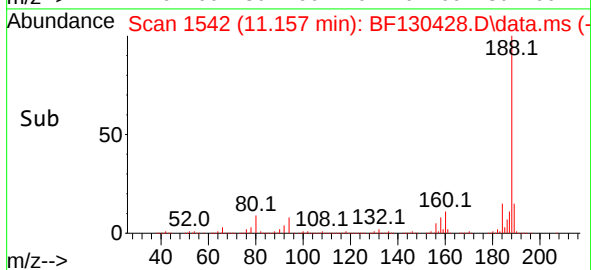
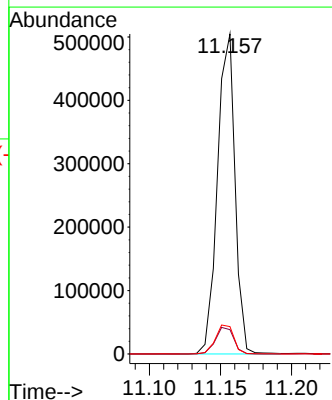
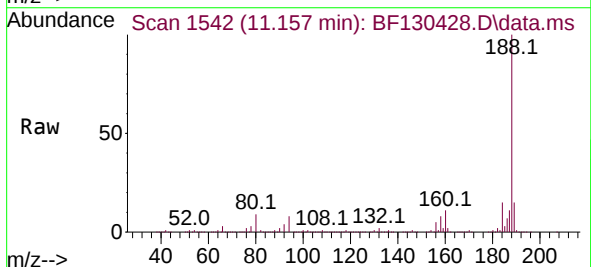
Instrument :  
BNA\_F  
ClientSampleId :  
PIER-INSIDE-SITE

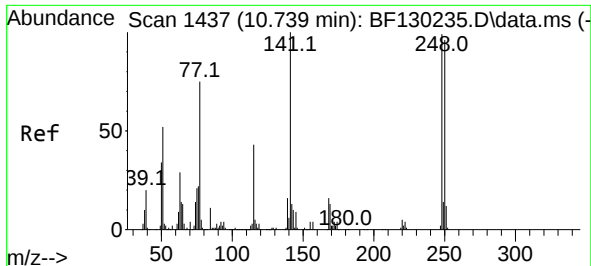
Tgt Ion:165 Resp: 31694  
Ion Ratio Lower Upper  
165 100  
63 1.2 44.7 67.1#  
89 1.3 69.0 103.4#  
182 0.0 1.9 2.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. -0.012 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Tgt Ion:188 Resp: 434001  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.4 11.2  
80 8.5 7.9 11.9

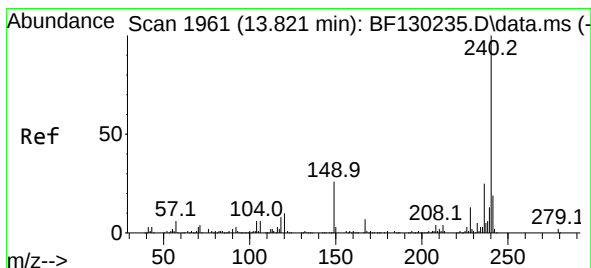
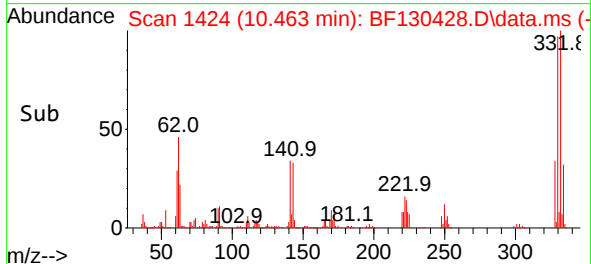
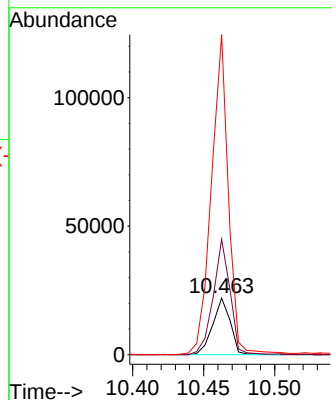
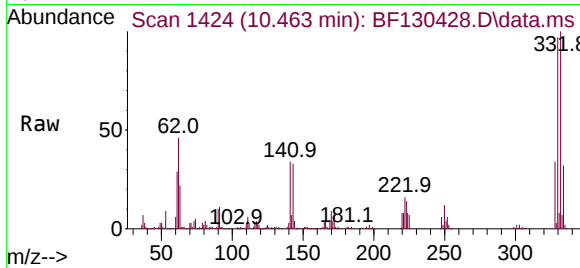




#67  
4-Bromophenyl-phenylether  
Concen: 3.948 ng  
RT: 10.463 min Scan# 1437  
Delta R.T. -0.259 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

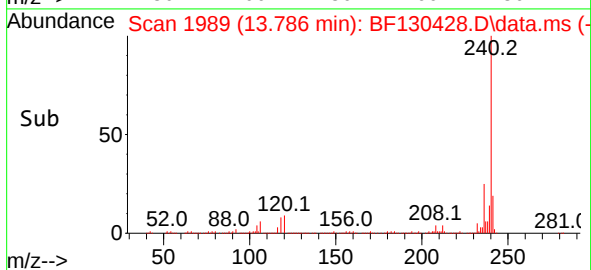
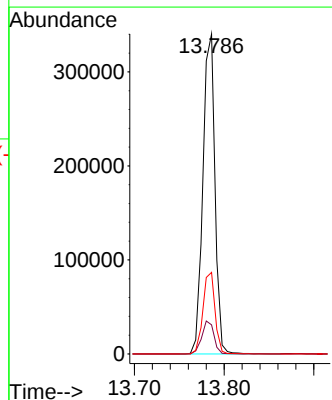
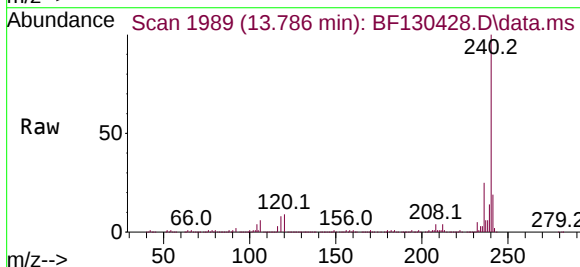
Instrument :  
BNA\_F  
ClientSampleId :  
PIER-INSIDE-SITE

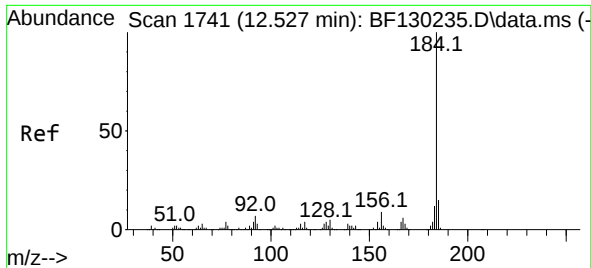
Tgt Ion:248 Resp: 18901  
Ion Ratio Lower Upper  
248 100  
250 203.5 80.0 120.0#  
141 564.8 68.5 102.7#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.786 min Scan# 1989  
Delta R.T. -0.018 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

Tgt Ion:240 Resp: 318070  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.7 13.1  
236 25.5 20.9 31.3

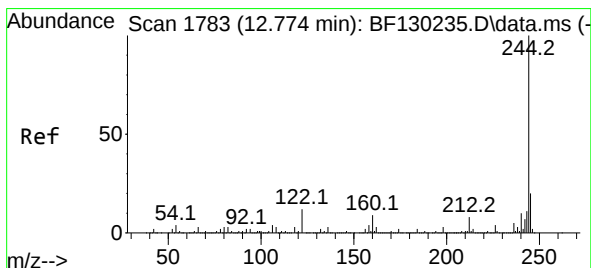
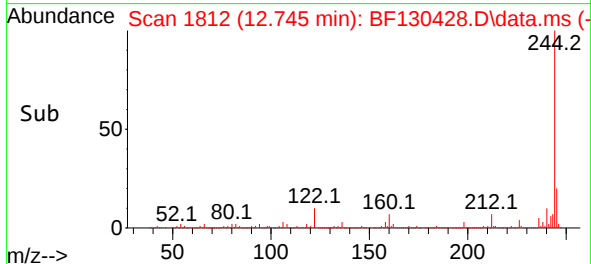
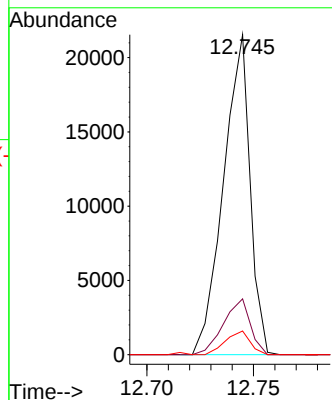
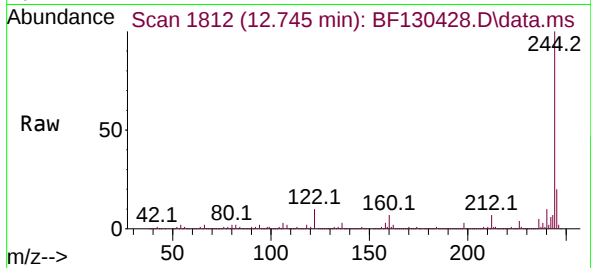




#77  
Benzidine  
Concen: 2.020 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. 0.235 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

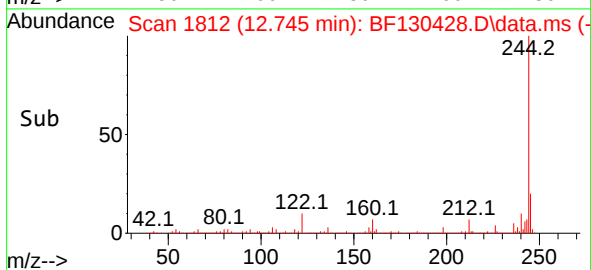
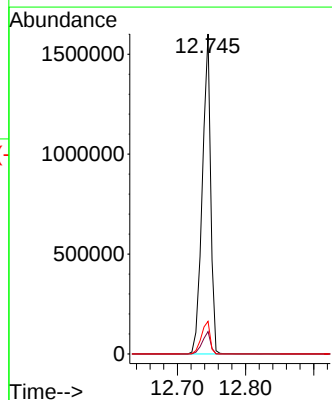
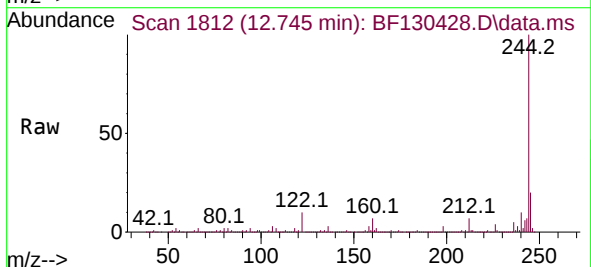
Instrument :  
BNA\_F  
ClientSampleId :  
PIER-INSIDE-SITE

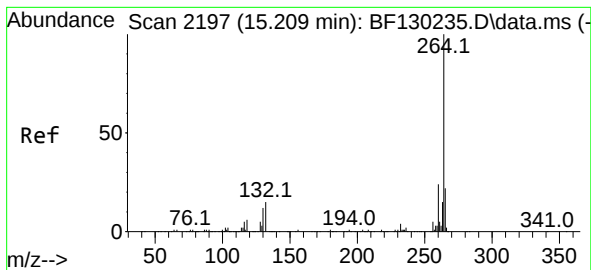
Tgt Ion:184 Resp: 18653  
Ion Ratio Lower Upper  
184 100  
185 17.4 11.8 17.6  
183 7.4 9.1 13.7#



#79  
Terphenyl-d14  
Concen: 70.611 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. -0.012 min  
Lab File: BF130428.D  
Acq: 27 Sep 2022 16:50

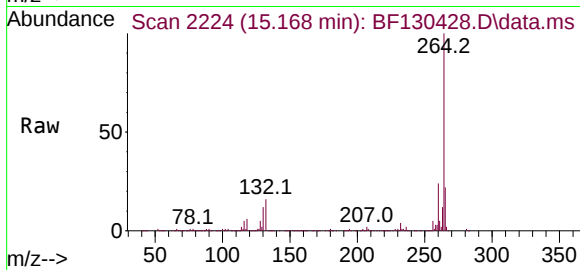
Tgt Ion:244 Resp: 1355835  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 10.2 8.5 12.7





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.168 min Scan# 2197  
 Delta R.T. -0.024 min  
 Lab File: BF130428.D  
 Acq: 27 Sep 2022 16:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PIER-INSIDE-SITE



Tgt Ion:264 Resp: 258954  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.3 28.9  
 265 21.7 17.0 25.4

