

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092922\  
 Data File : BF130468.D  
 Acq On : 29 Sep 2022 15:49  
 Operator : CG\JU  
 Sample : N4860-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-06

Quant Time: Sep 30 03:08:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

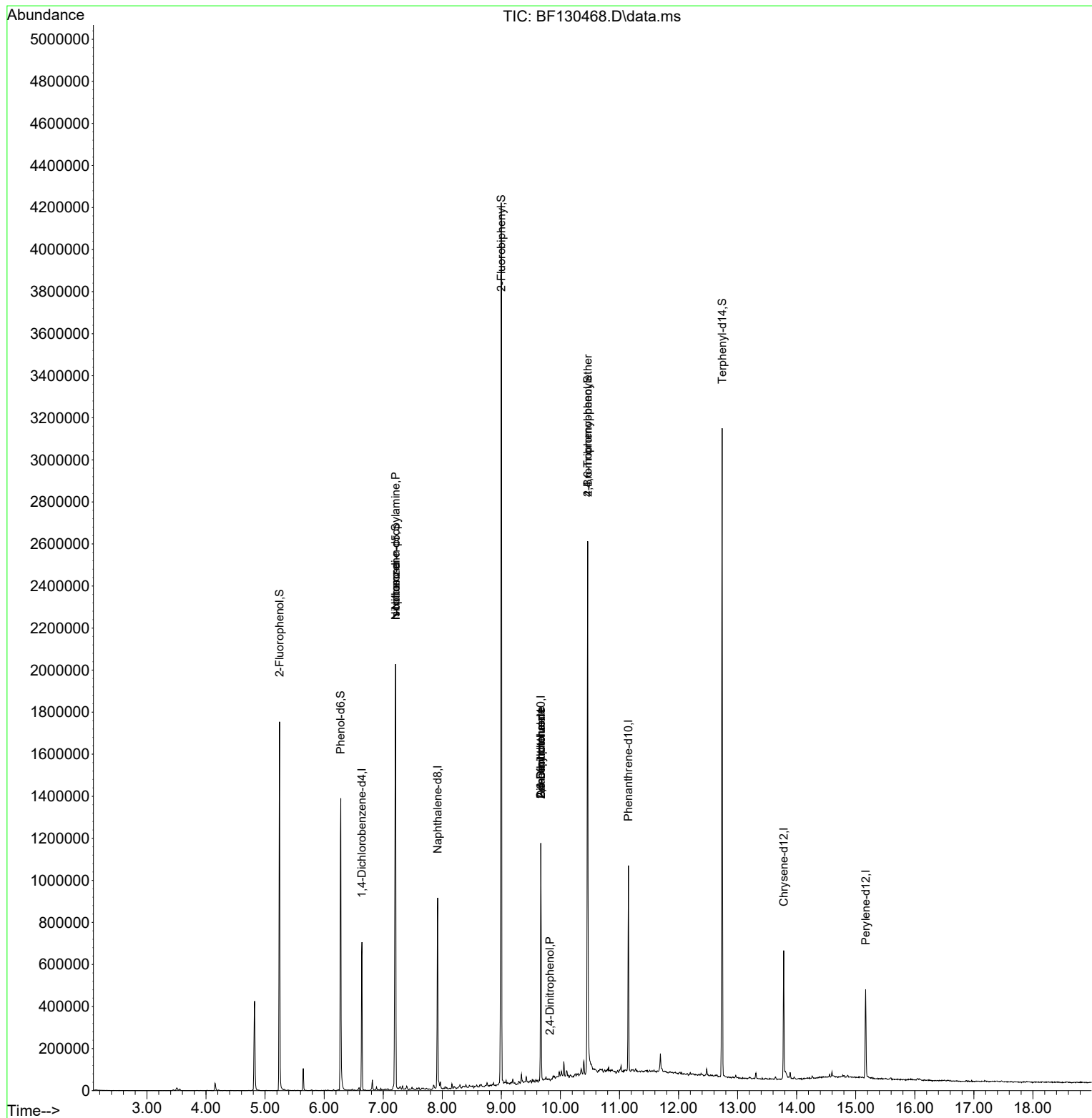
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.640  | 152  | 105649   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.922  | 136  | 410043   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.669  | 164  | 211108   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.151 | 188  | 331692   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.780 | 240  | 192298   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.168 | 264  | 170138   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.246  | 112  | 473283   | 77.700  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.281  | 99   | 485454   | 63.696  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.210  | 82   | 727220   | 90.607  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.463 | 330  | 350749   | 173.396 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.998  | 172  | 1429812  | 98.626  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.739 | 244  | 998539   | 86.016  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 99065    | 19.263  | ng    | # 72     |
| 25) Isophorone                | 7.210  | 82   | 721310   | 55.759  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.669  | 163  | 41118    | 2.820   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 27241    | 8.932   | ng    | # 16     |
| 54) 2,4-Dinitrophenol         | 9.822  | 184  | 54       | 6.284   | ng    | # 7      |
| 57) 2,4-Dinitrotoluene        | 9.669  | 165  | 27241    | 6.989   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.463 | 248  | 21267    | 5.812   | ng    | # 1      |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
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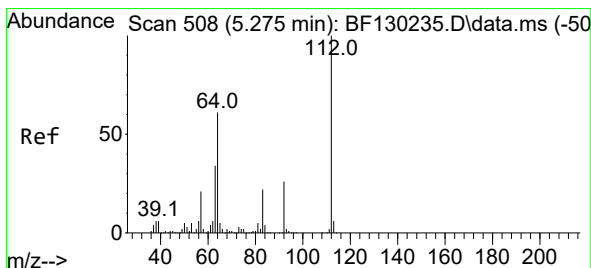
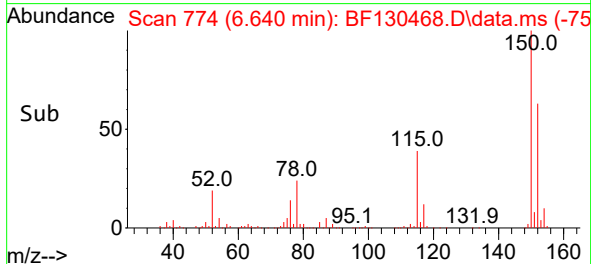
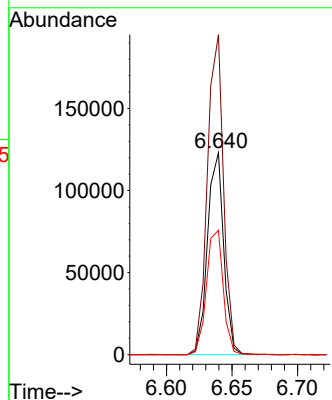
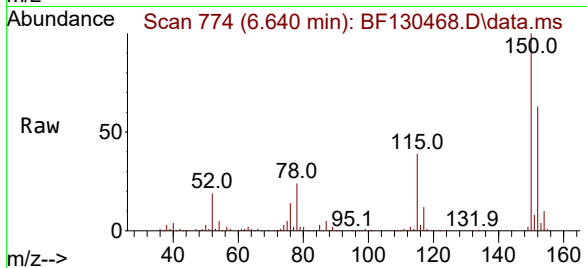




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.640 min Scan# 71  
 Delta R.T. -0.005 min  
 Lab File: BF130468.D  
 Acq: 29 Sep 2022 15:49

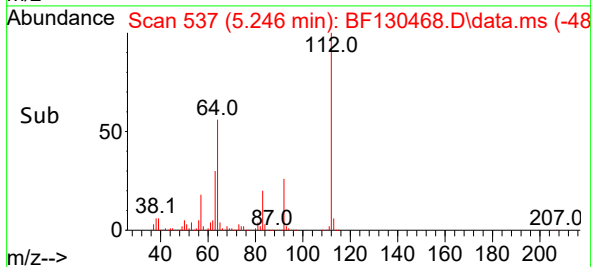
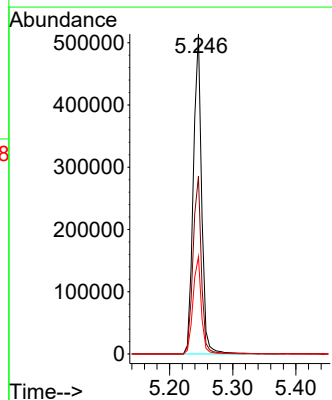
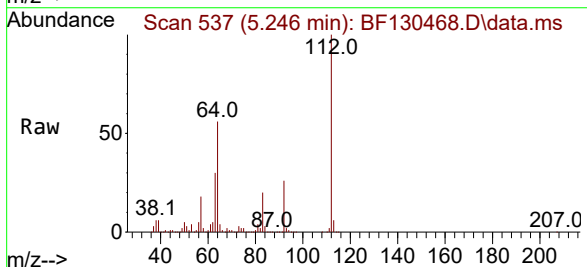
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-06

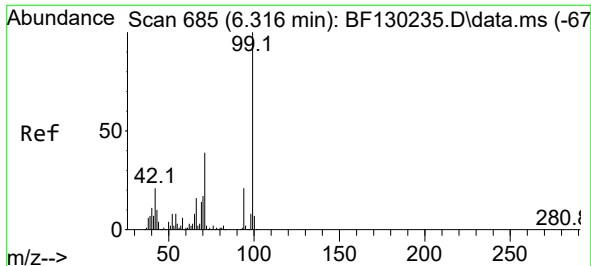
Tgt Ion:152 Resp: 105649  
 Ion Ratio Lower Upper  
 152 100  
 150 158.5 122.8 184.2  
 115 61.7 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 77.700 ng  
 RT: 5.246 min Scan# 537  
 Delta R.T. 0.000 min  
 Lab File: BF130468.D  
 Acq: 29 Sep 2022 15:49

Tgt Ion:112 Resp: 473283  
 Ion Ratio Lower Upper  
 112 100  
 64 55.5 51.4 77.0  
 63 30.4 28.8 43.2

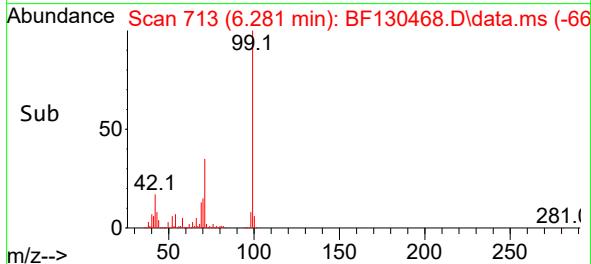
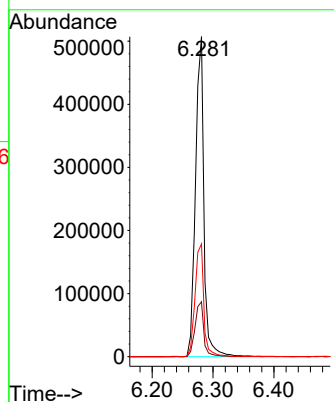
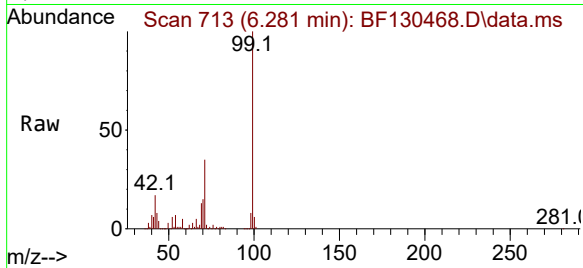




#7  
Phenol-d6  
Concen: 63.696 ng  
RT: 6.281 min Scan# 713  
Delta R.T. -0.012 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

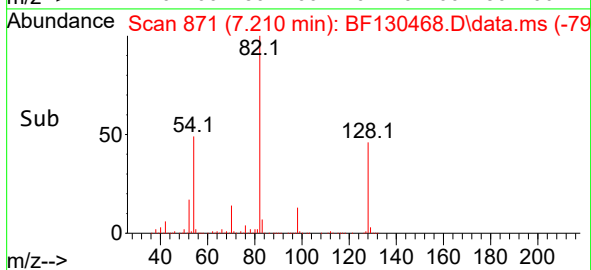
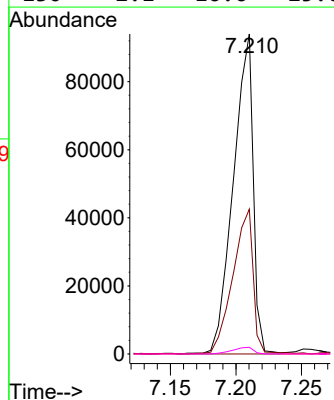
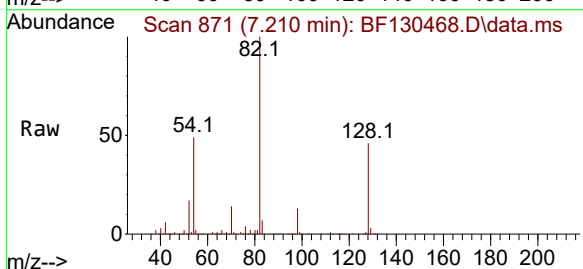
Instrument :  
BNA\_F  
ClientSampleId :  
MW-06

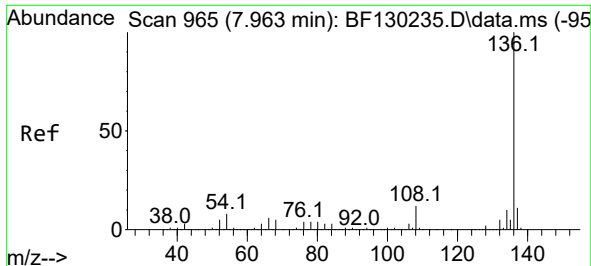
Tgt Ion: 99 Resp: 485454  
Ion Ratio Lower Upper  
99 100  
42 17.1 17.0 25.6  
71 35.3 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.263 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.141 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

Tgt Ion: 70 Resp: 99065  
Ion Ratio Lower Upper  
70 100  
42 45.3 50.8 76.2#  
101 0.0 8.2 12.4#  
130 2.1 16.6 25.0#

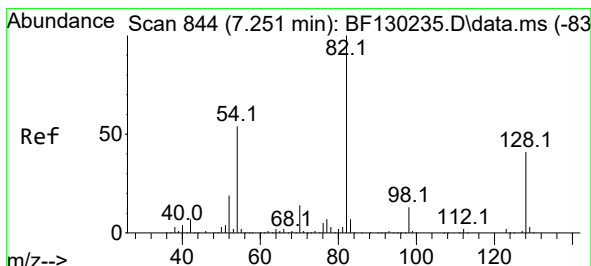
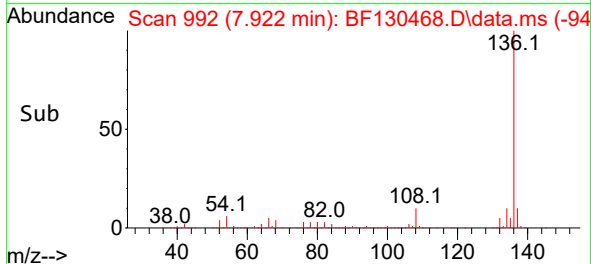
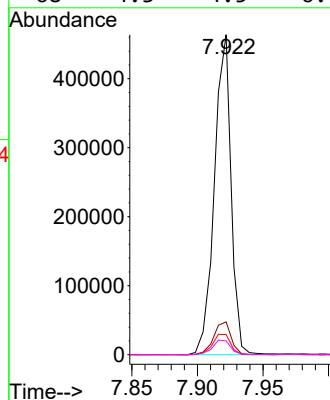
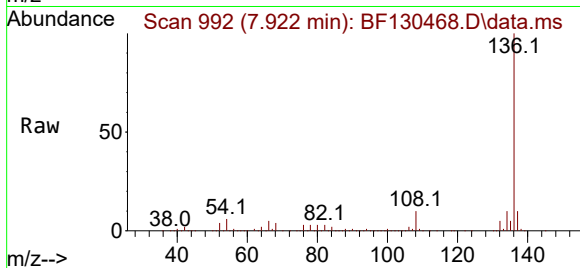




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.922 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

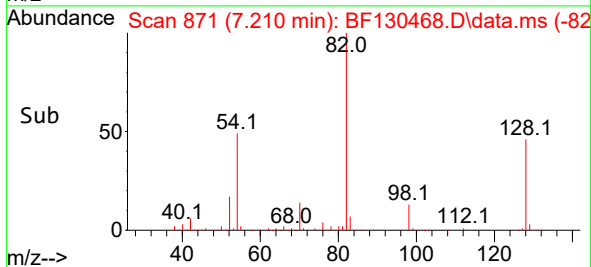
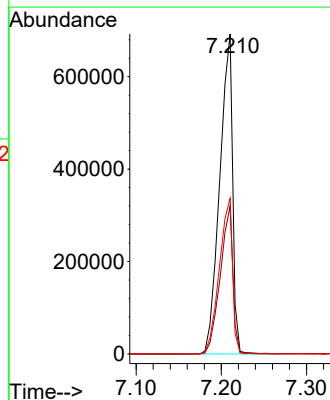
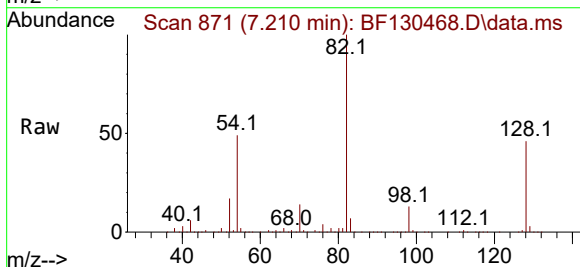
Instrument :  
BNA\_F  
ClientSampleId :  
MW-06

|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 410043  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 10.3 9.1 13.7 |
| 54          | 6.3 7.1 10.7# |
| 68          | 4.3 4.5 6.7#  |



#23  
Nitrobenzene-d5  
Concen: 90.607 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

|             |                |
|-------------|----------------|
| Tgt Ion: 82 | Resp: 727220   |
| Ion Ratio   | Lower Upper    |
| 82          | 100            |
| 128         | 46.2 32.6 49.0 |
| 54          | 48.6 43.8 65.6 |

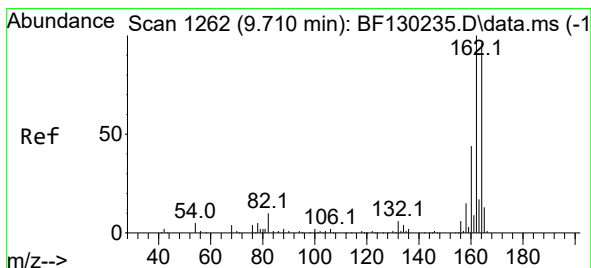
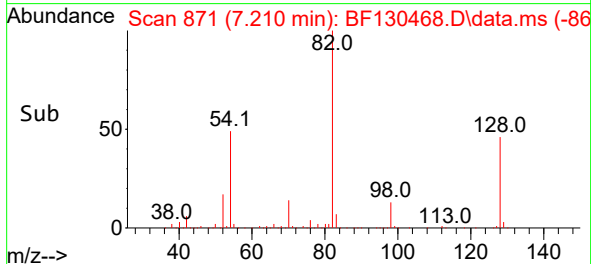
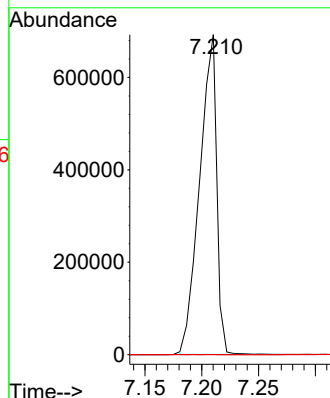
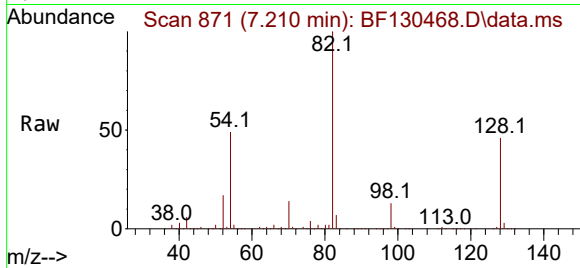




#25  
Isophorone  
Concen: 55.759 ng  
RT: 7.210 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

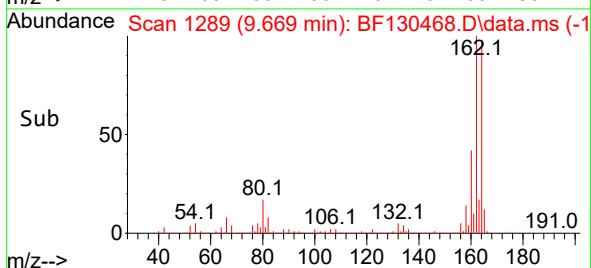
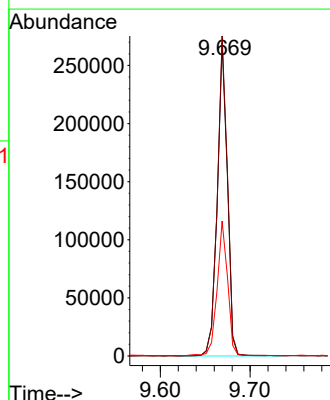
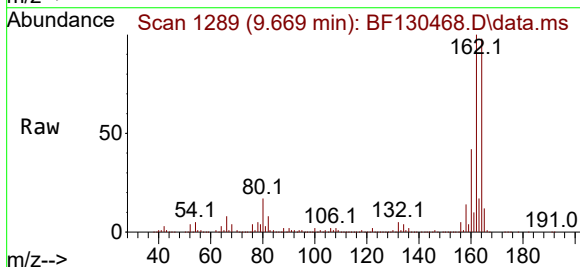
Instrument :  
BNA\_F  
ClientSampleId :  
MW-06

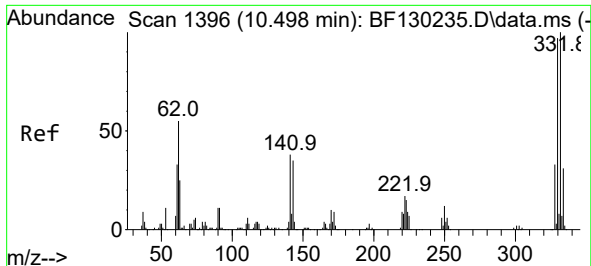
Tgt Ion: 82 Resp: 721310  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. -0.012 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

Tgt Ion: 164 Resp: 211108  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.4 122.0  
160 43.1 36.2 54.4

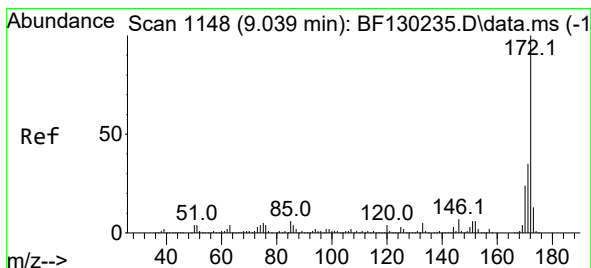
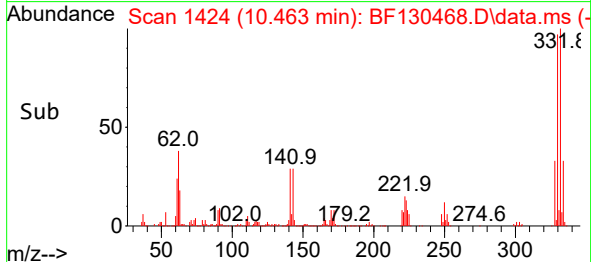
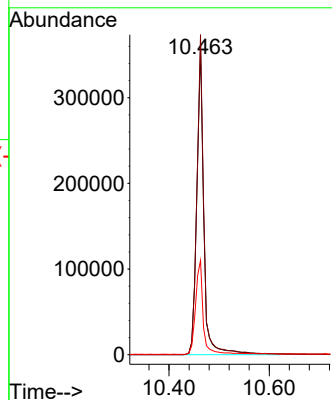
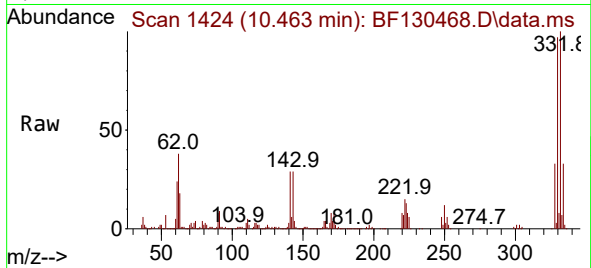




#42  
2,4,6-Tribromophenol  
Concen: 173.396 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

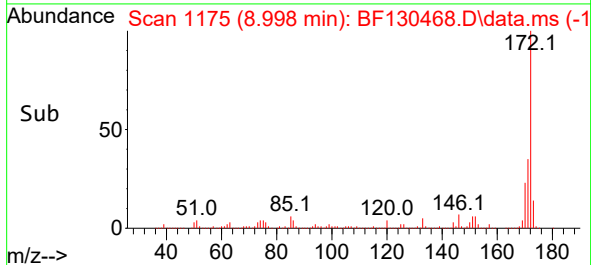
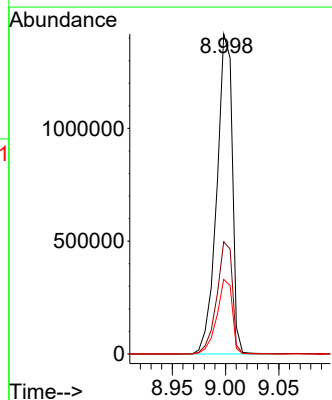
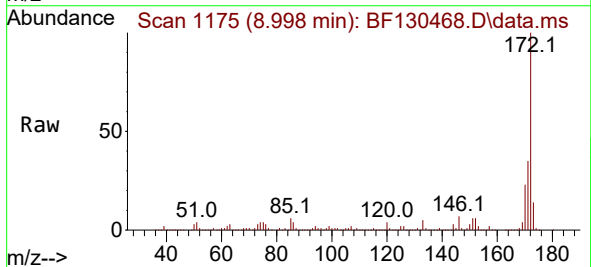
Instrument :  
BNA\_F  
ClientSampleId :  
MW-06

Tgt Ion:330 Resp: 350749  
Ion Ratio Lower Upper  
330 100  
332 103.3 83.4 125.2  
141 33.3 34.0 51.0#



#45  
2-Fluorobiphenyl  
Concen: 98.626 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. -0.012 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

Tgt Ion:172 Resp: 1429812  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.3 42.5  
170 23.3 18.7 28.1

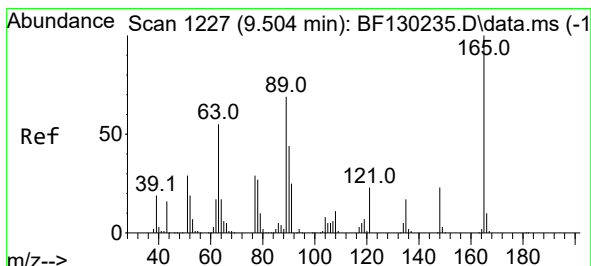
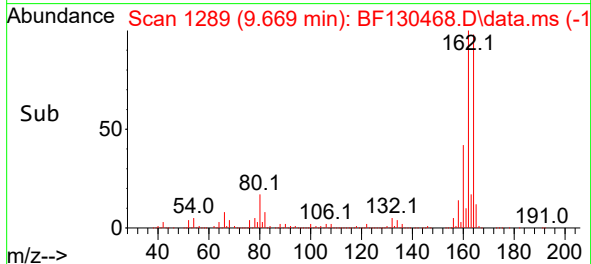
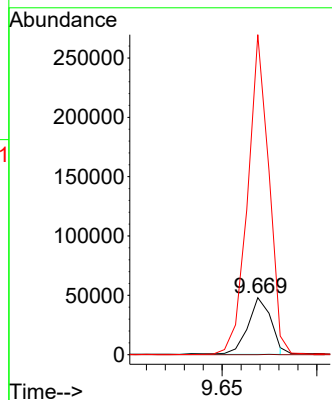
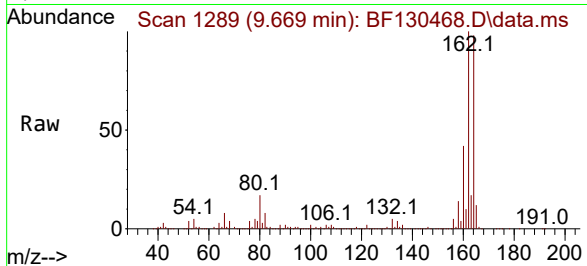




#50  
Dimethylphthalate  
Concen: 2.820 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. 0.253 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

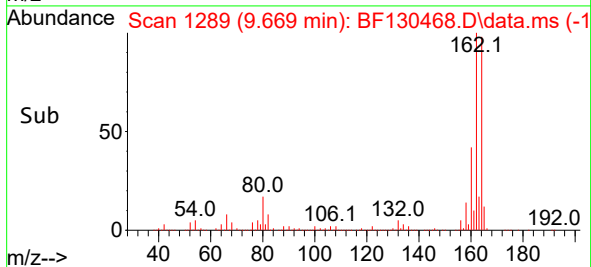
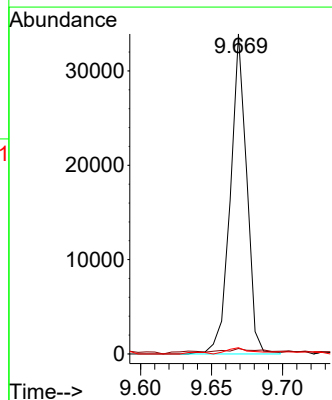
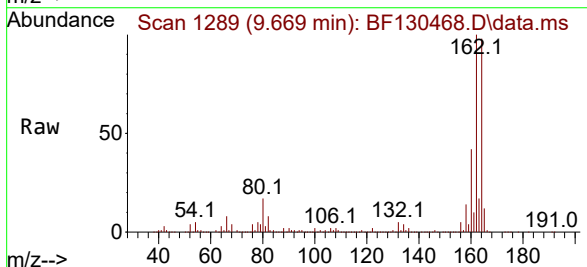
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ClientSampleId :  
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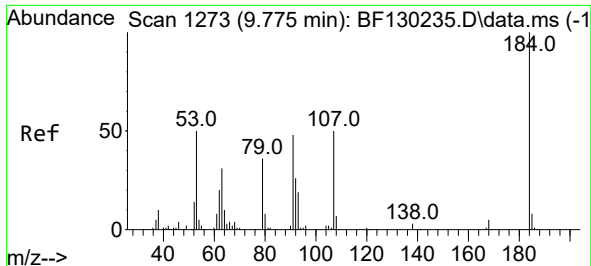
Tgt Ion:163 Resp: 41118  
Ion Ratio Lower Upper  
163 100  
194 0.0 2.8 4.2#  
164 562.2 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 8.932 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. 0.194 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

Tgt Ion:165 Resp: 27241  
Ion Ratio Lower Upper  
165 100  
63 1.7 58.8 88.2#  
89 1.9 54.5 81.7#

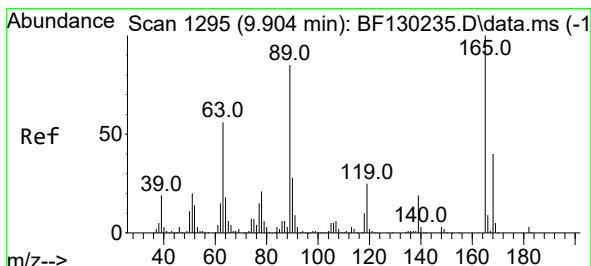
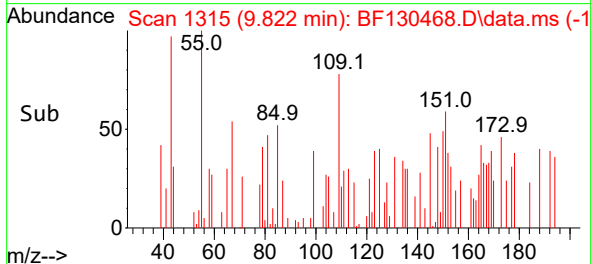
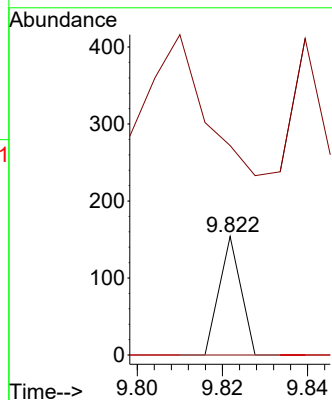
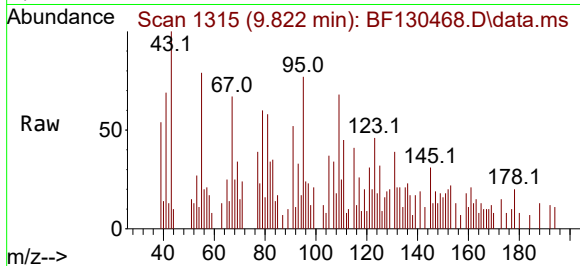




#54  
2,4-Dinitrophenol  
Concen: 6.284 ng  
RT: 9.822 min Scan# 11  
Delta R.T. 0.071 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

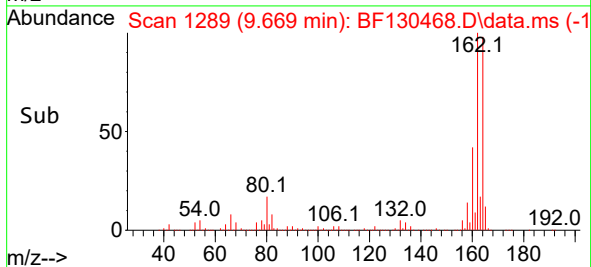
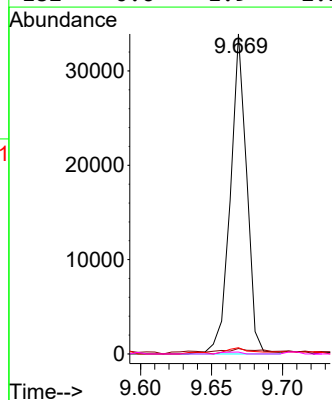
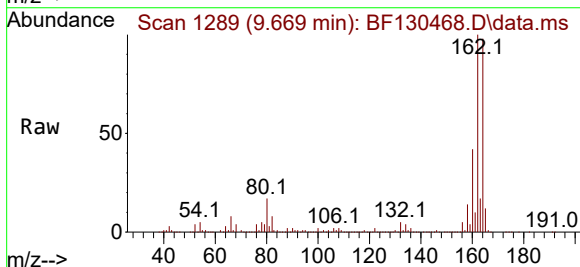
Instrument :  
BNA\_F  
ClientSampleId :  
MW-06

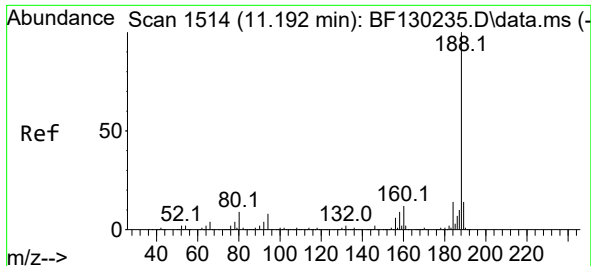
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Ion Ratio Lower Upper  
184 100  
63 176.6 70.0 105.0#  
154 0.0 63.0 94.6#



#57  
2,4-Dinitrotoluene  
Concen: 6.989 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. -0.206 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

Tgt Ion:165 Resp: 27241  
Ion Ratio Lower Upper  
165 100  
63 1.7 44.7 67.1#  
89 1.9 69.0 103.4#  
182 0.6 1.9 2.9#

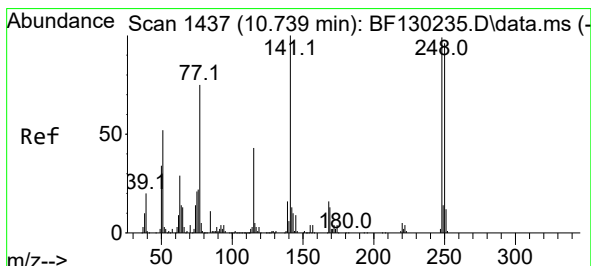
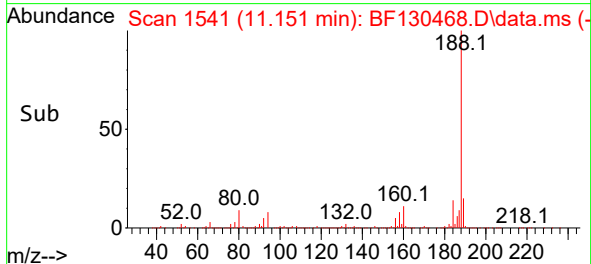
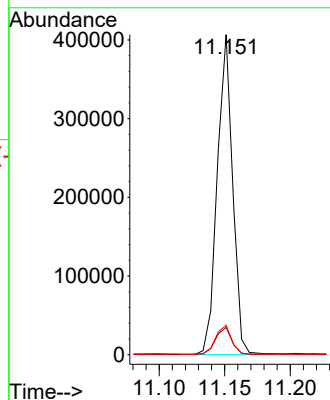
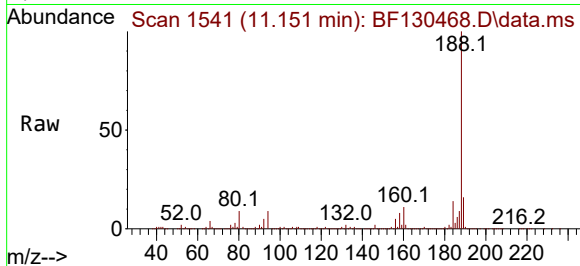




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.151 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

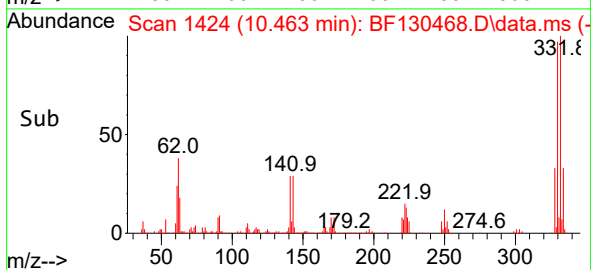
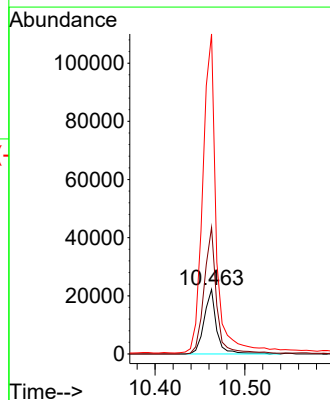
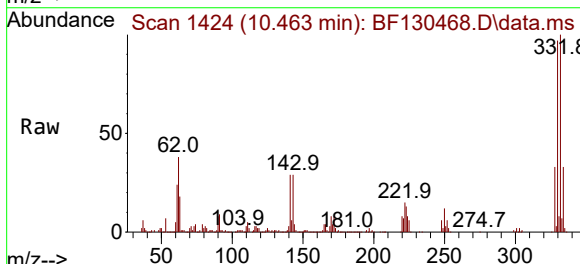
Instrument :  
BNA\_F  
ClientSampleId :  
MW-06

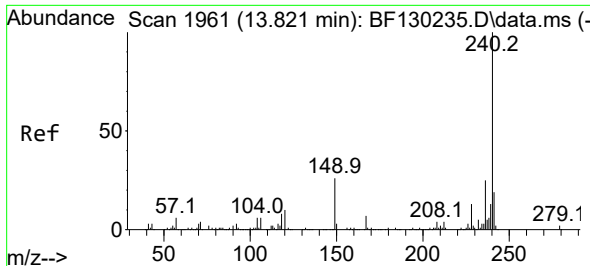
Tgt Ion:188 Resp: 331692  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.4 11.2  
80 9.2 7.9 11.9



#67  
4-Bromophenyl-phenylether  
Concen: 5.812 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.247 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

Tgt Ion:248 Resp: 21267  
Ion Ratio Lower Upper  
248 100  
250 196.2 80.0 120.0#  
141 496.4 68.5 102.7#

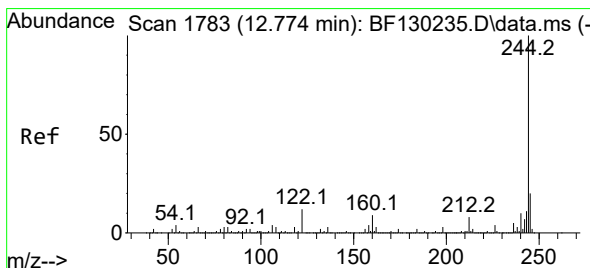
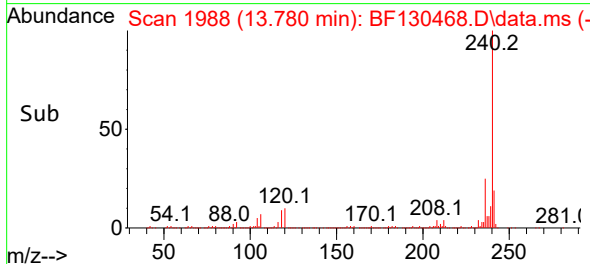
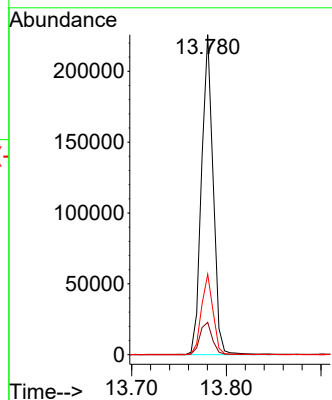
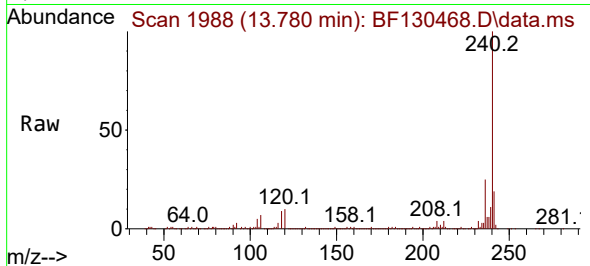




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.780 min Scan# 1811  
Delta R.T. -0.012 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

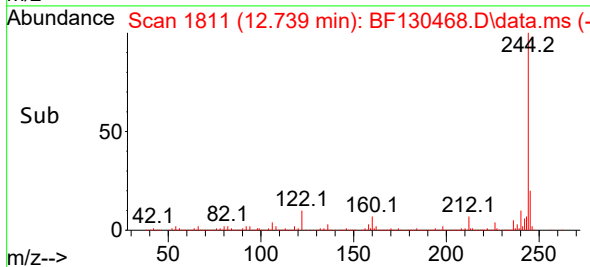
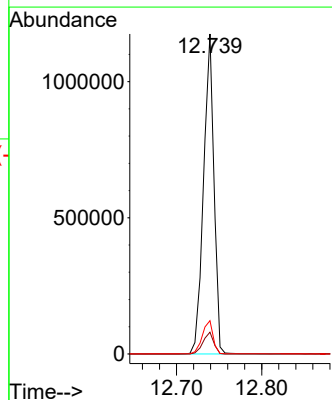
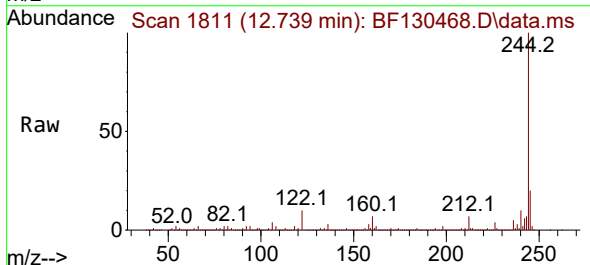
Instrument :  
BNA\_F  
ClientSampleId :  
MW-06

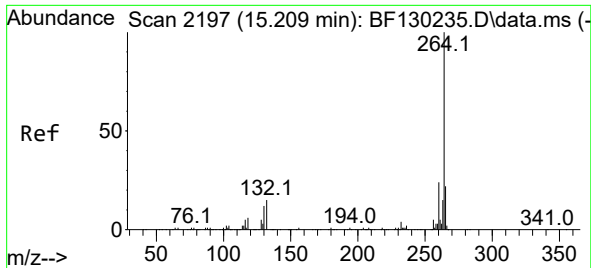
Tgt Ion:240 Resp: 192298  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.7 13.1  
236 25.2 20.9 31.3



#79  
Terphenyl-d14  
Concen: 86.016 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. -0.006 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

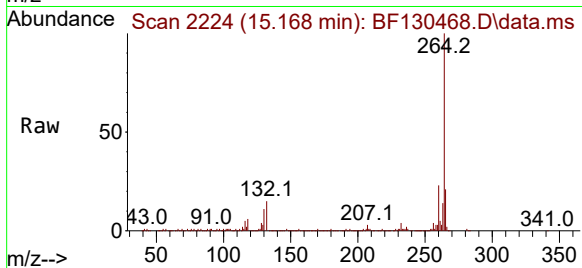
Tgt Ion:244 Resp: 998539  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 10.4 8.5 12.7





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.168 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF130468.D  
Acq: 29 Sep 2022 15:49

Instrument :  
BNA\_F  
ClientSampleId :  
MW-06



Tgt Ion:264 Resp: 170138  
Ion Ratio Lower Upper  
264 100  
260 23.0 19.3 28.9  
265 21.0 17.0 25.4

