

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062221\  
 Data File : BF124423.D  
 Acq On : 22 Jun 2021 21:10  
 Operator : JU/CG  
 Sample : M2789-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-PAD

Quant Time: Jun 23 02:51:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 Response via : Initial Calibration

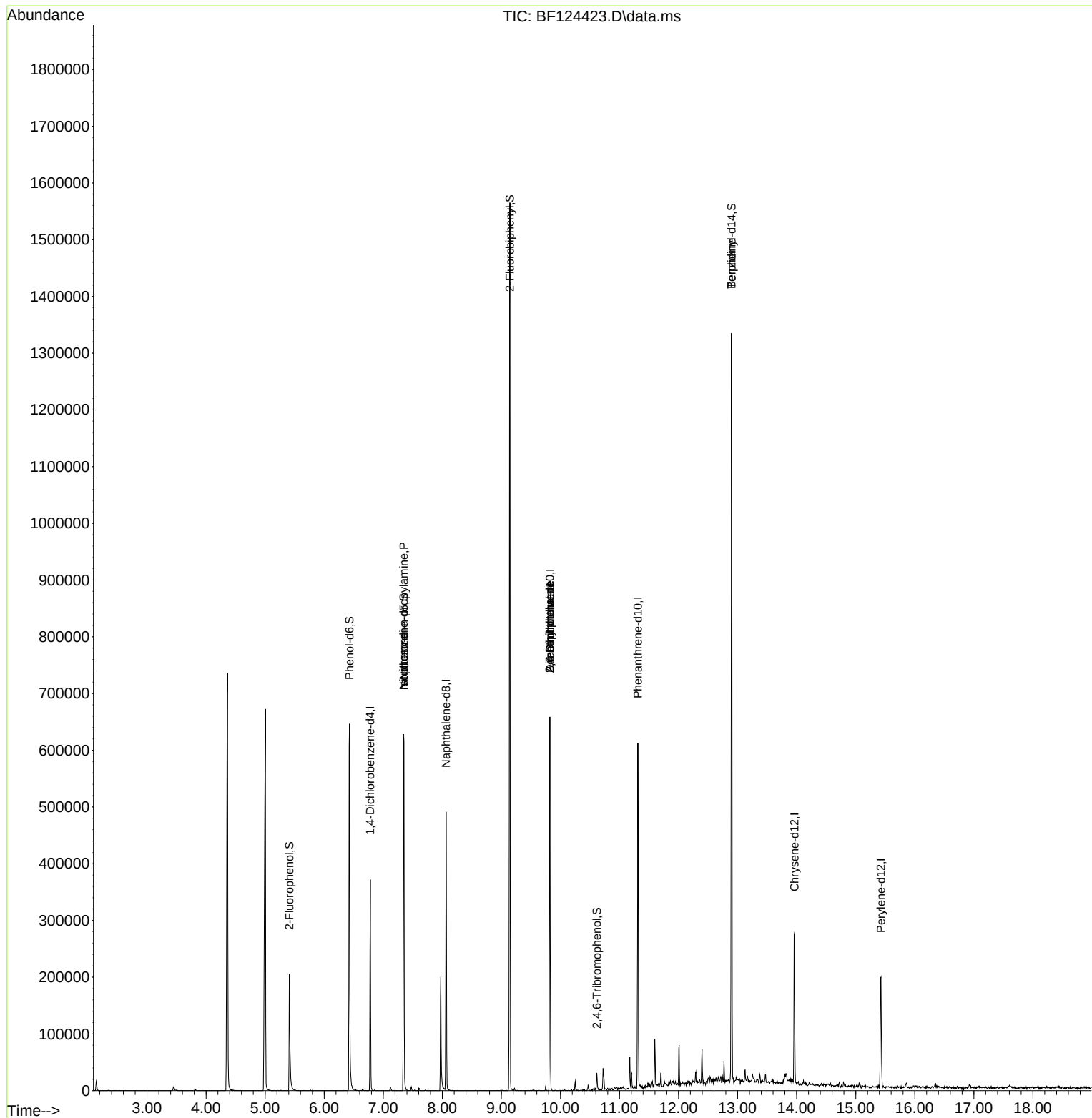
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 46217    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 183826   | 20.00 | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.822  | 164  | 115966   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.310 | 188  | 203010   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.963 | 240  | 88081    | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.427 | 264  | 87505    | 20.00 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 52594    | 17.13 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 198652   | 48.14 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 211017   | 45.53 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 4784     | 2.91  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 453698   | 49.23 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 397921   | 62.03 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 30684    | 10.53 | ng    | # 66     |
| 25) Isophorone                | 7.345  | 82   | 211017   | 25.26 | ng    | # 69     |
| 50) Dimethylphthalate         | 9.822  | 163  | 22375    | 2.33  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.822  | 165  | 14122    | 6.42  | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 14122    | 4.87  | ng    | # 16     |
| 77) Benzidine                 | 12.898 | 184  | 5883     | 6.68  | ng    | # 90     |
| -----                         |        |      |          |       |       |          |

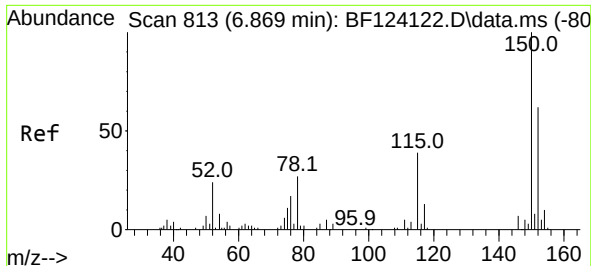
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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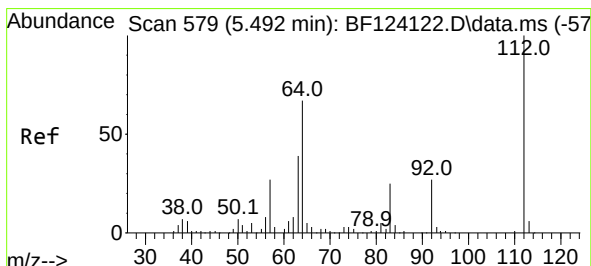
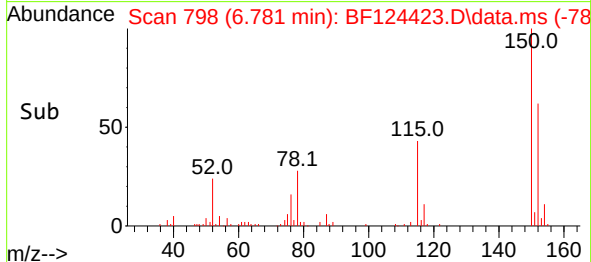
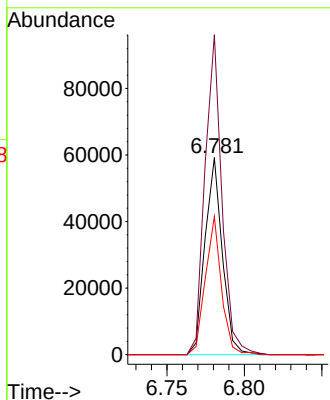
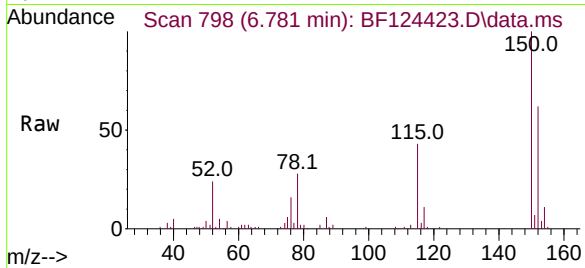




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

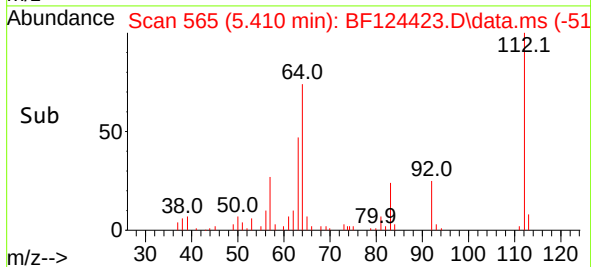
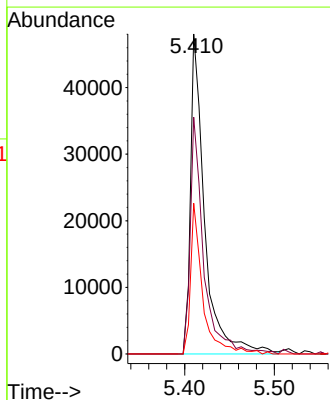
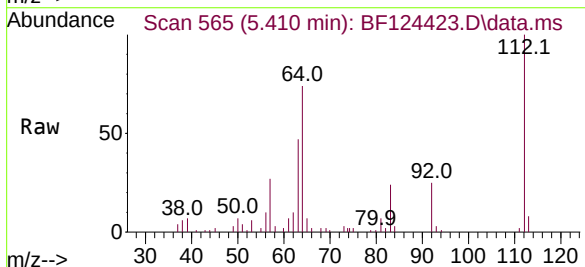
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BNA\_F  
ClientSampleId :  
CONCRETE-PAD

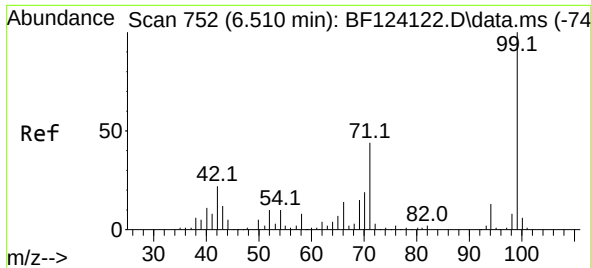
Tgt Ion:152 Resp: 46217  
Ion Ratio Lower Upper  
152 100  
150 162.3 127.0 190.6  
115 70.2 54.3 81.5



#5  
2-Fluorophenol  
Concen: 17.13 ng  
RT: 5.410 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

Tgt Ion:112 Resp: 52594  
Ion Ratio Lower Upper  
112 100  
64 74.0 61.4 92.0  
63 47.1 33.0 49.4

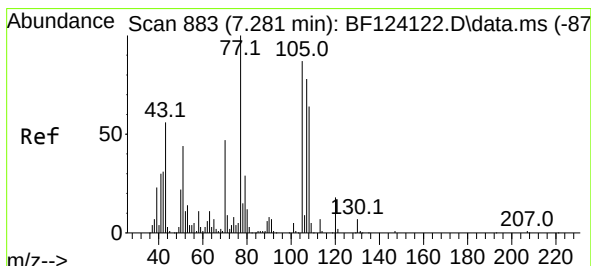
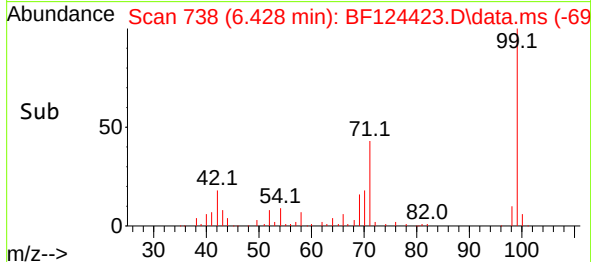
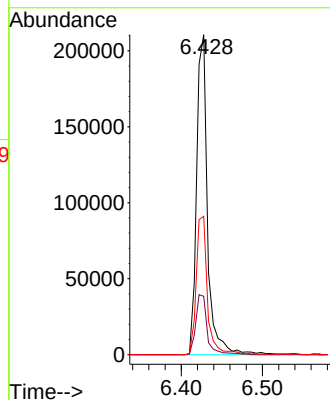
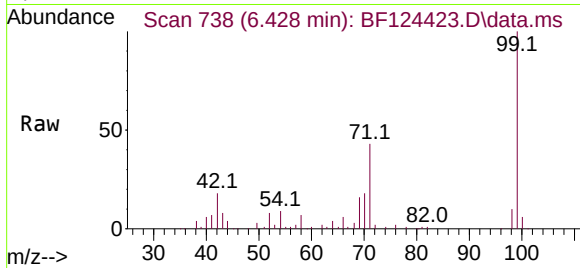




#7  
Phenol-d6  
Concen: 48.14 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.018 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

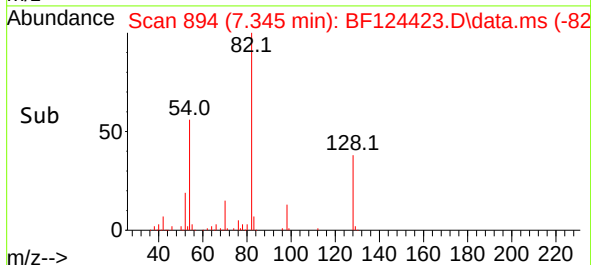
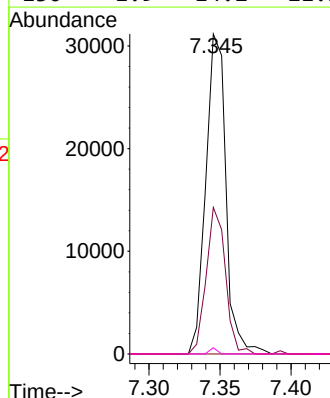
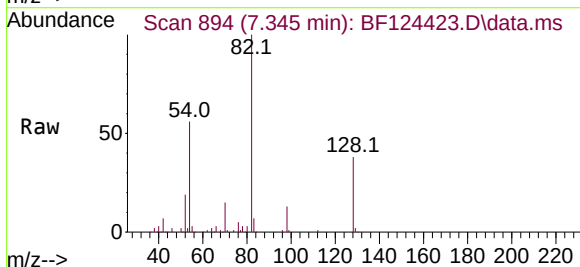
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PAD

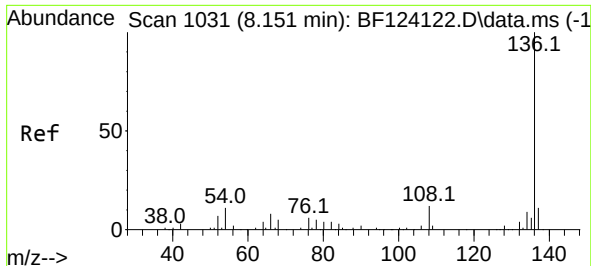
Tgt Ion: 99 Resp: 198652  
Ion Ratio Lower Upper  
99 100  
42 18.2 19.8 29.8#  
71 43.3 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 10.53 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

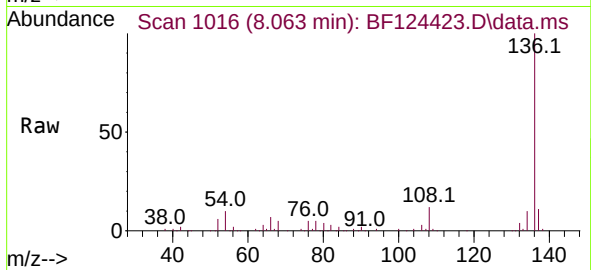
Tgt Ion: 70 Resp: 30684  
Ion Ratio Lower Upper  
70 100  
42 45.8 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.9 14.2 21.2#



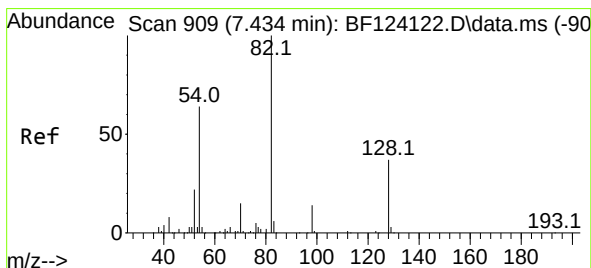
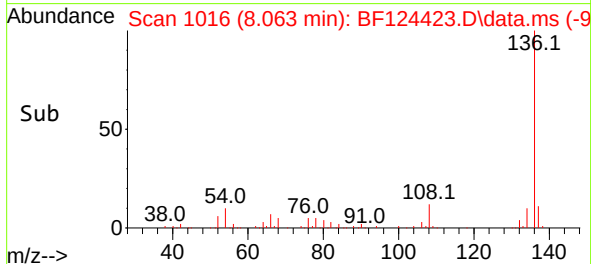
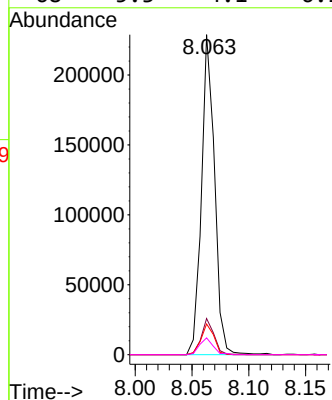


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PAD

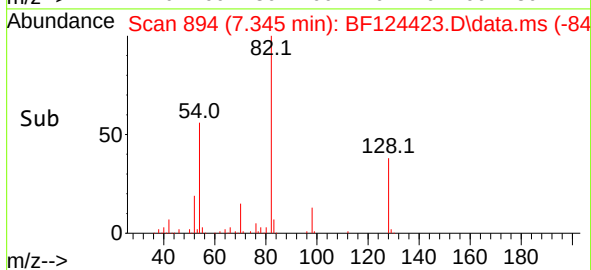
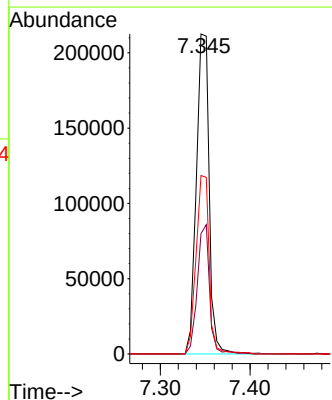
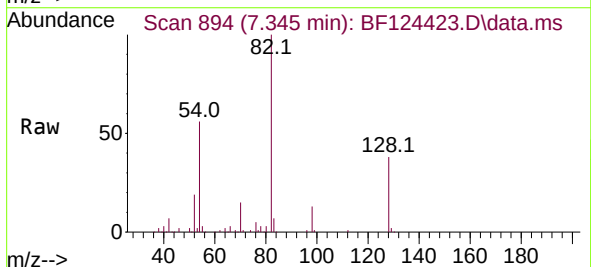


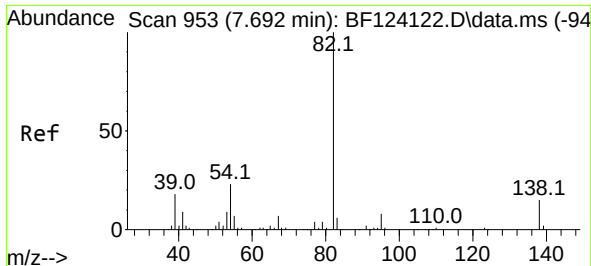
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:136 | Resp: | 183826    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 11.3  | 8.7 13.1  |
| 54          | 9.6   | 9.8 14.6# |
| 68          | 5.3   | 4.1 6.1   |



#23  
Nitrobenzene-d5  
Concen: 45.53 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 211017    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 37.6  | 29.4 44.2 |
| 54          | 55.8  | 54.1 81.1 |

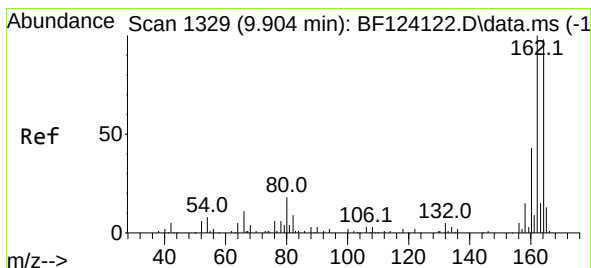
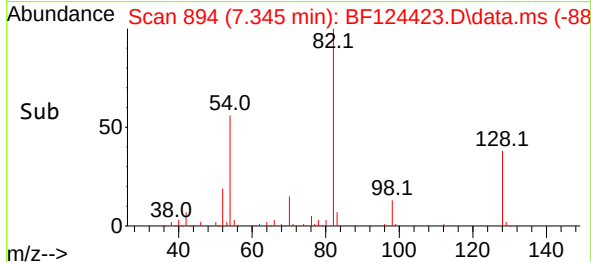
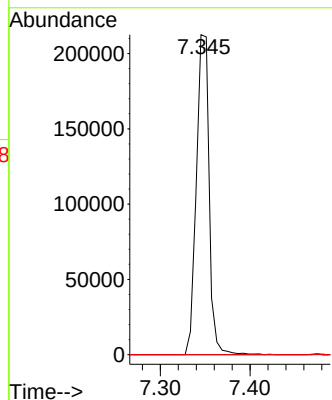
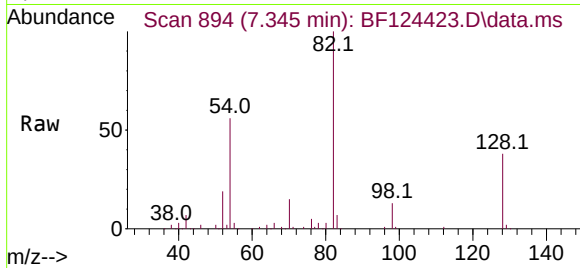




#25  
Isophorone  
Concen: 25.26 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.271 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

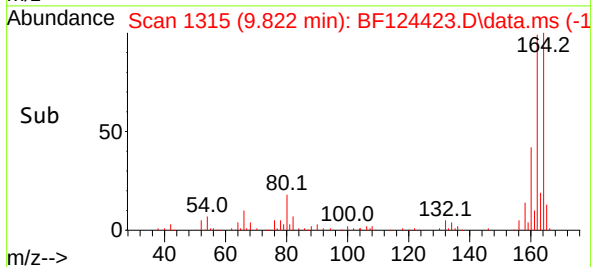
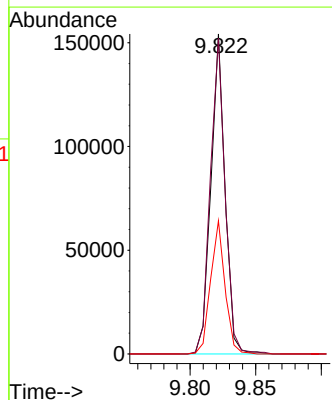
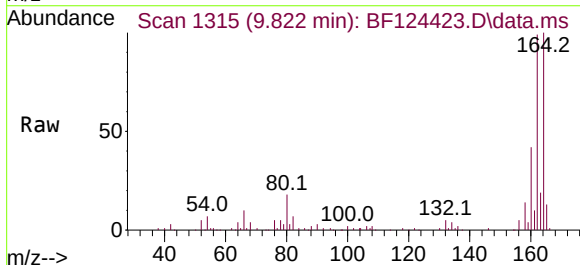
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ClientSampleId :  
CONCRETE-PAD

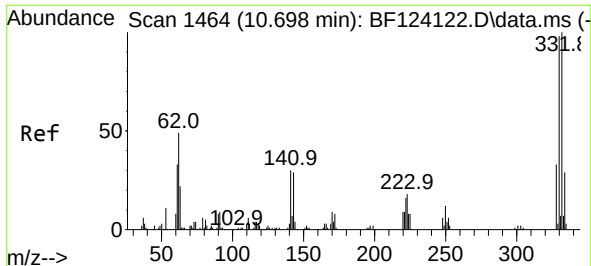
Tgt Ion: 82 Resp: 211017  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

Tgt Ion: 164 Resp: 115966  
Ion Ratio Lower Upper  
164 100  
162 98.7 80.7 121.1  
160 41.6 37.3 55.9

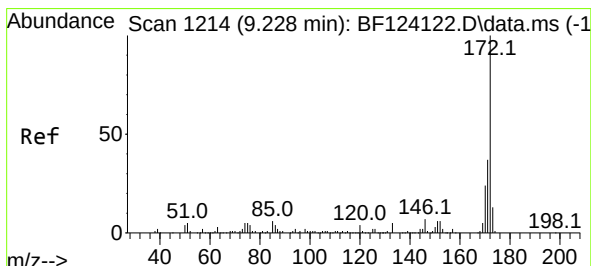
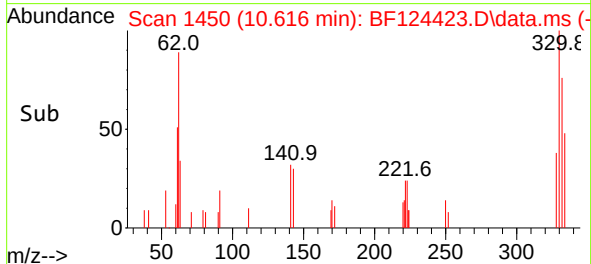
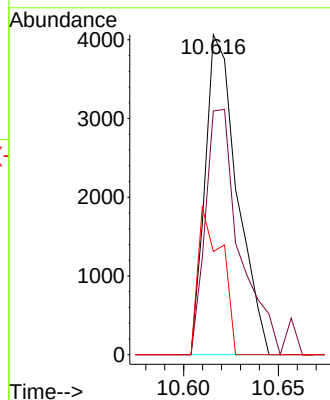
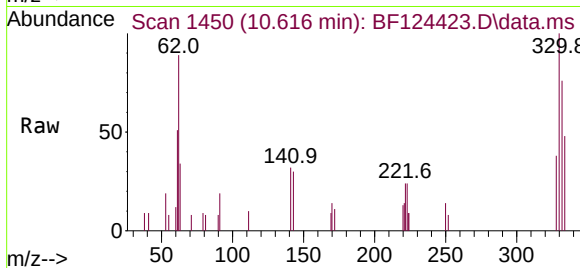




#42  
2,4,6-Tribromophenol  
Concen: 2.91 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

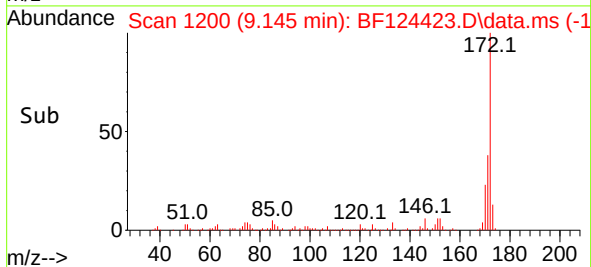
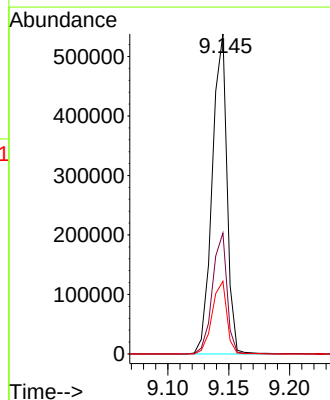
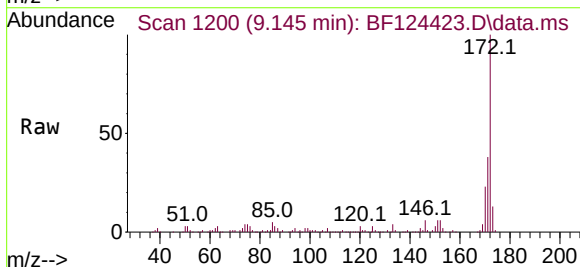
Instrument :  
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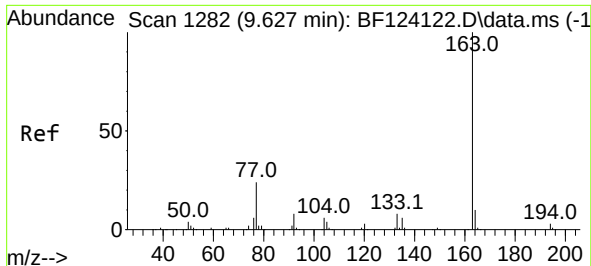
Tgt Ion: 330 Resp: 4784  
Ion Ratio Lower Upper  
330 100  
332 85.2 77.1 115.7  
141 33.8 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 49.23 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

Tgt Ion: 172 Resp: 453698  
Ion Ratio Lower Upper  
172 100  
171 37.8 28.1 42.1  
170 22.7 19.2 28.8

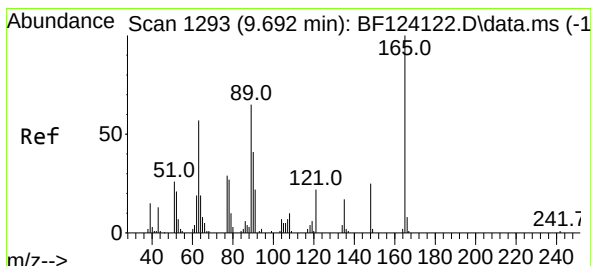
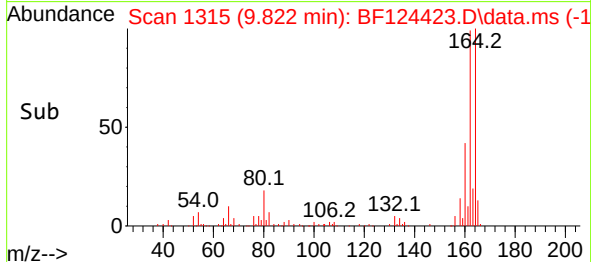
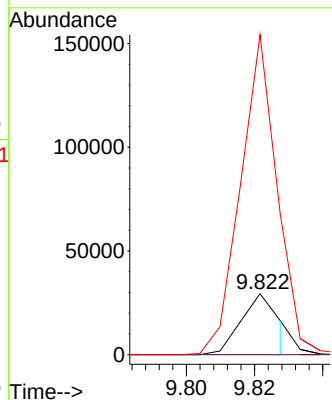
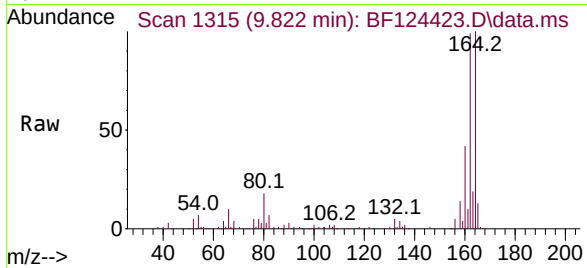




#50  
Dimethylphthalate  
Concen: 2.33 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. 0.265 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

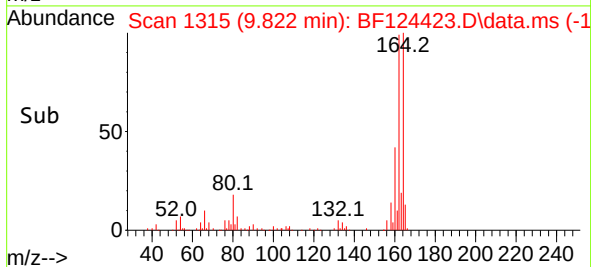
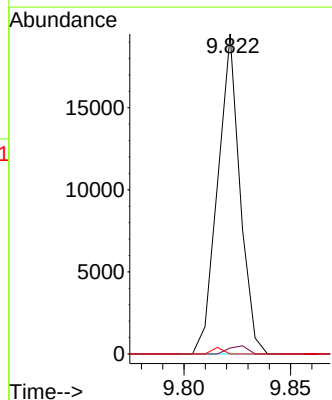
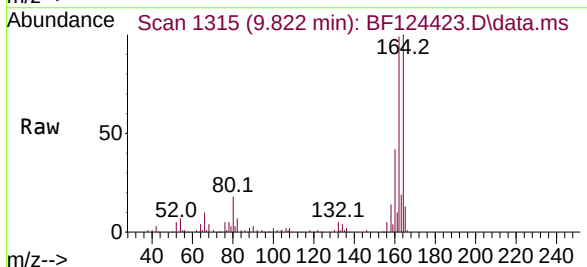
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PAD

Tgt Ion:163 Resp: 22375  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 524.3 8.2 12.2#

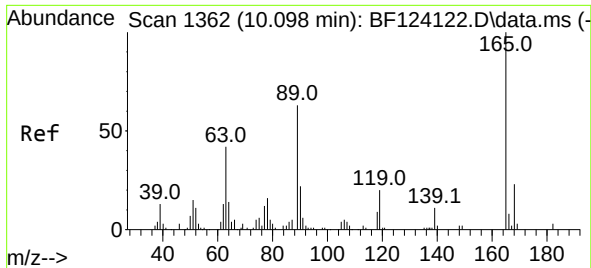


#51  
2,6-Dinitrotoluene  
Concen: 6.42 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. 0.200 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

Tgt Ion:165 Resp: 14122  
Ion Ratio Lower Upper  
165 100  
63 1.8 67.7 101.5#  
89 0.0 58.8 88.2#



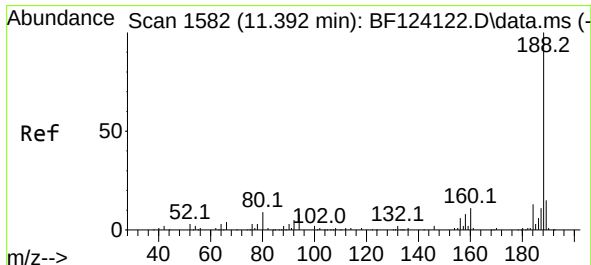
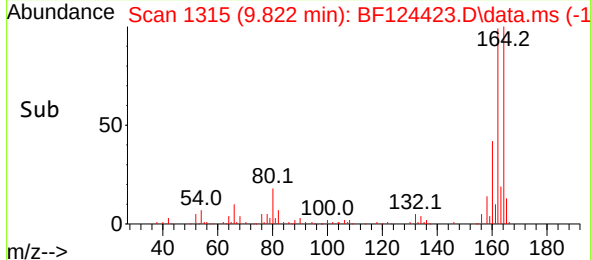
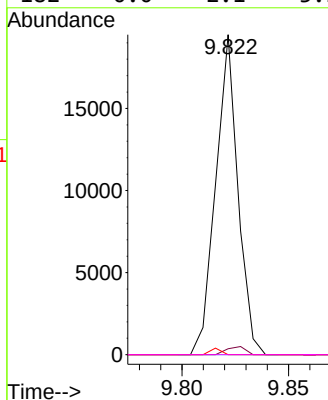
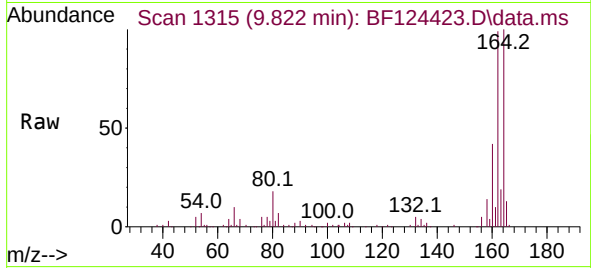




#57  
2,4-Dinitrotoluene  
Concen: 4.87 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.206 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

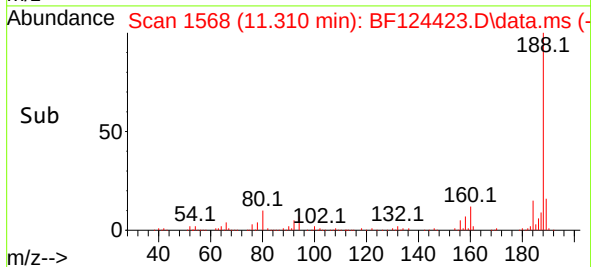
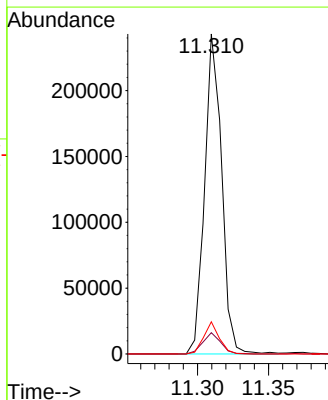
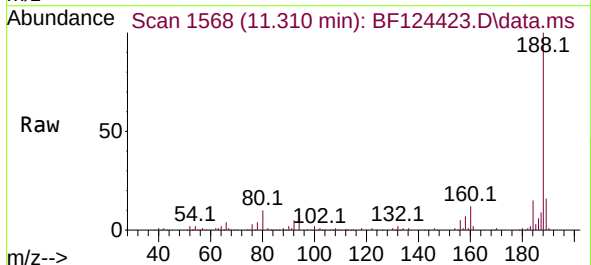
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PAD

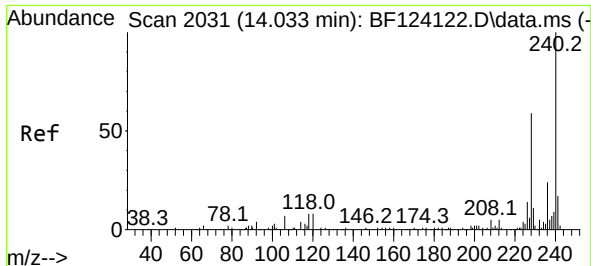
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:165 | Resp: | 14122       |
| Ion Ratio   | Lower | Upper       |
| 165         | 100   |             |
| 63          | 1.8   | 43.5 65.3#  |
| 89          | 0.0   | 67.7 101.5# |
| 182         | 0.0   | 2.1 3.1#    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:188 | Resp: | 203010    |
| Ion Ratio   | Lower | Upper     |
| 188         | 100   |           |
| 94          | 6.7   | 6.9 10.3# |
| 80          | 10.1  | 8.2 12.2  |

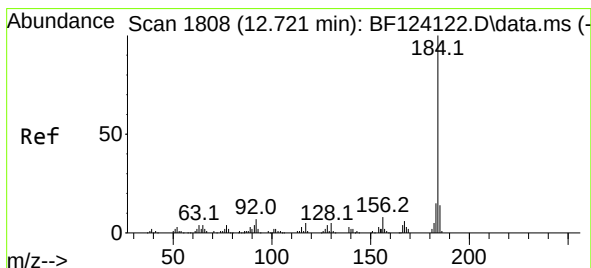
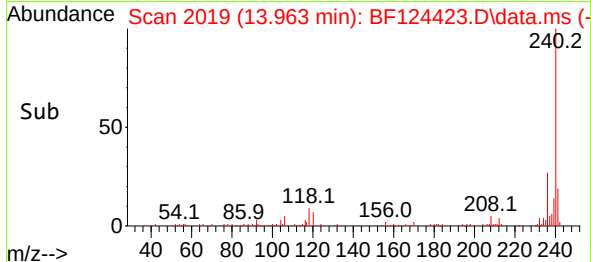
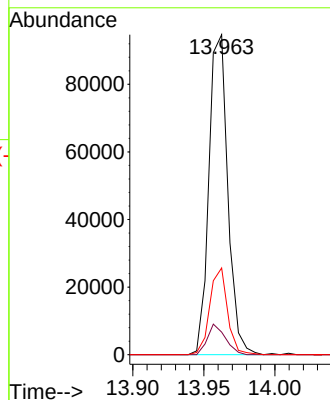
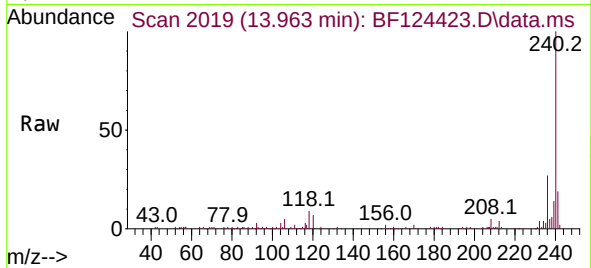




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. 0.000 min  
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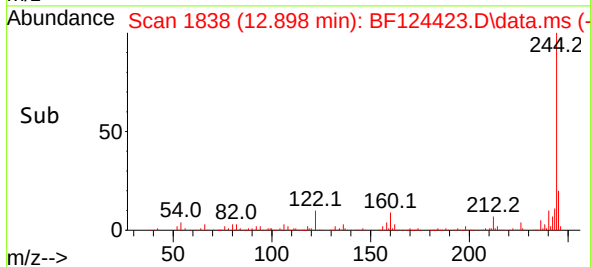
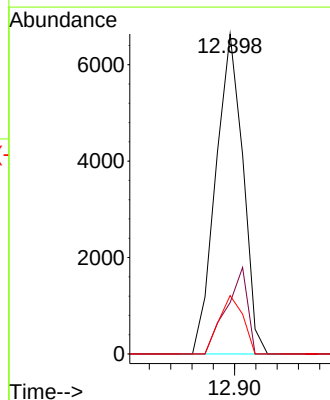
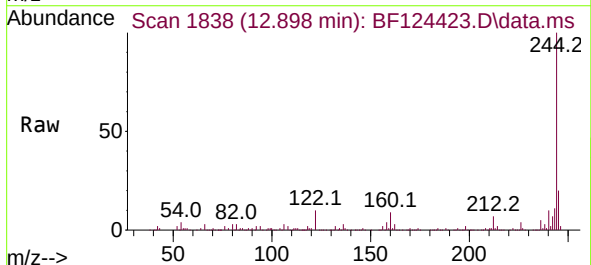
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PAD

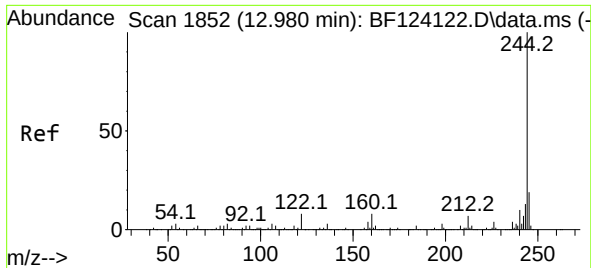
Tgt Ion:240 Resp: 88081  
Ion Ratio Lower Upper  
240 100  
120 7.0 7.2 10.8#  
236 27.1 19.0 28.4



#77  
Benzidine  
Concen: 6.68 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. 0.200 min  
Lab File: BF124423.D  
Acq: 22 Jun 2021 21:10

Tgt Ion:184 Resp: 5883  
Ion Ratio Lower Upper  
184 100  
185 16.1 12.1 18.1  
183 18.3 7.8 11.8#

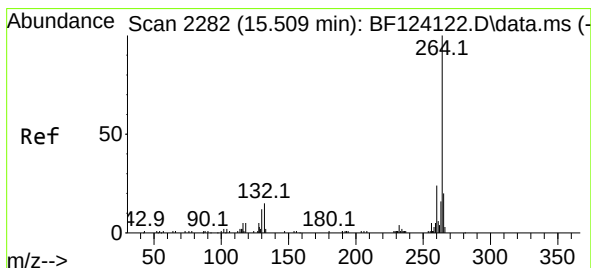
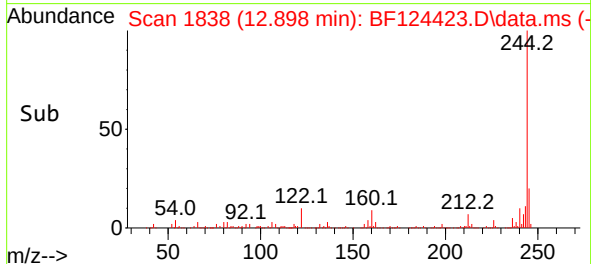
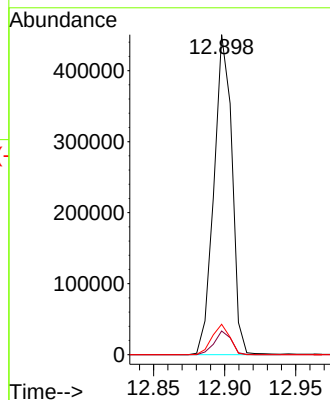
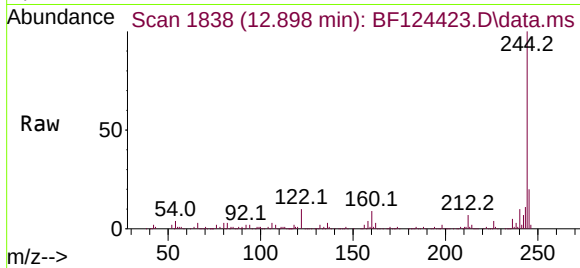




#79  
 Terphenyl-d14  
 Concen: 62.03 ng  
 RT: 12.898 min Scan# 1838  
 Delta R.T. -0.006 min  
 Lab File: BF124423.D  
 Acq: 22 Jun 2021 21:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-PAD

Tgt Ion:244 Resp: 397921  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.7 8.5  
 122 9.5 9.7 14.5#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.427 min Scan# 2268  
 Delta R.T. 0.012 min  
 Lab File: BF124423.D  
 Acq: 22 Jun 2021 21:10

Tgt Ion:264 Resp: 87505  
 Ion Ratio Lower Upper  
 264 100  
 260 20.4 18.7 28.1  
 265 20.6 17.8 26.8

