

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061021\  
 Data File : BM030382.D  
 Acq On : 10 Jun 2021 19:52  
 Operator : CG/JU  
 Sample : M2613-23  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(122-126)

Quant Time: Jun 11 07:53:39 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 08 20:51:08 2021  
 Response via : Initial Calibration

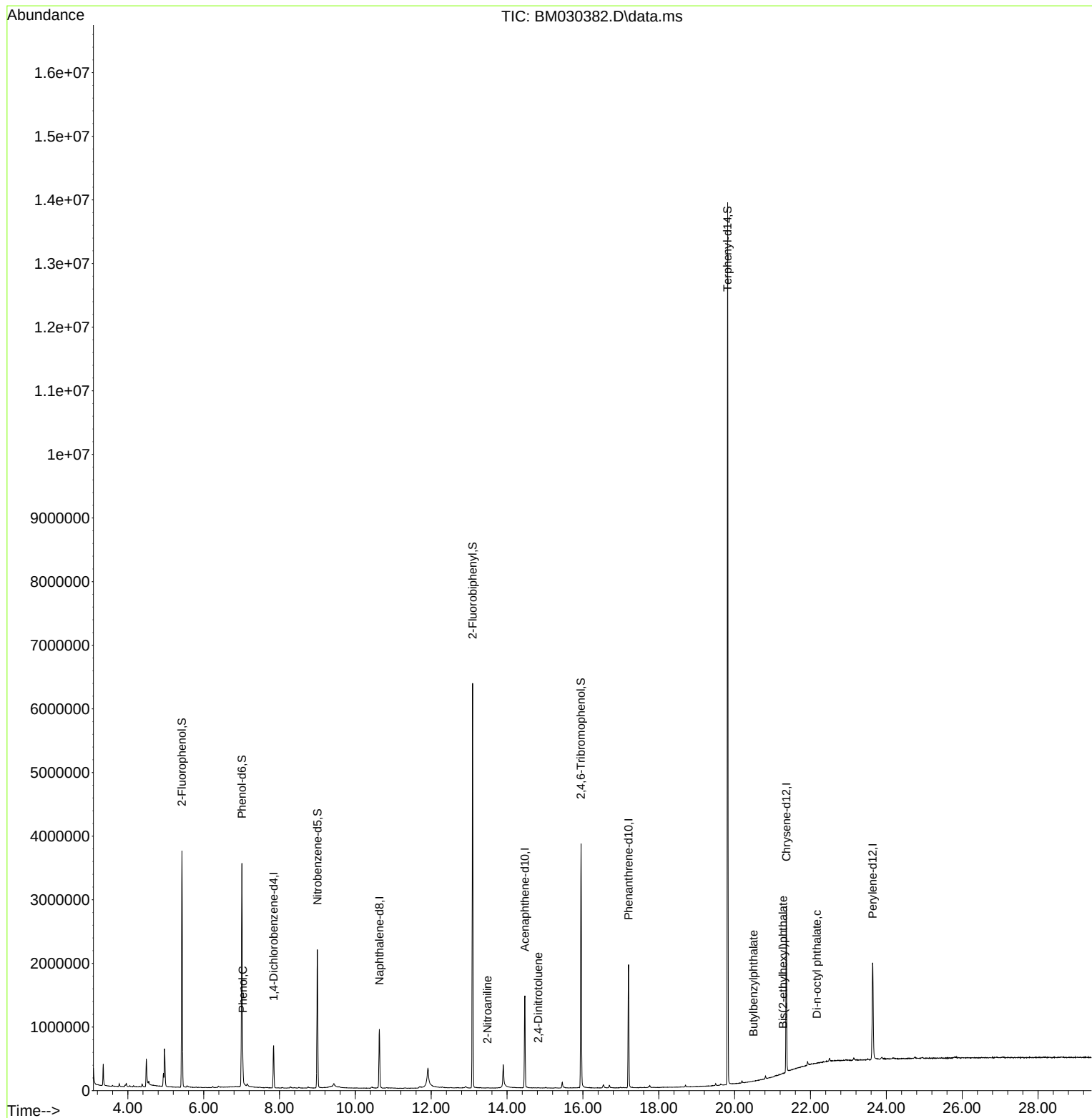
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.845  | 152  | 178427   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.633 | 136  | 759375   | 20.00  | ng    | # 0.00    |
| 39) Acenaphthene-d10          | 14.468 | 164  | 511081   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1154765  | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12              | 21.362 | 240  | 1220055  | 20.00  | ng    | 0.00      |
| 86) Perylene-d12              | 23.638 | 264  | 1117516  | 20.00  | ng    | -0.01     |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.428  | 112  | 1491765  | 135.92 | ng    | 0.00      |
| 7) Phenol-d6                  | 7.010  | 99   | 1834567  | 115.46 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 8.998  | 82   | 1223007  | 78.46  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 648239   | 100.88 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.092 | 172  | 3040322  | 78.23  | ng    | 0.00      |
| 79) Terphenyl-d14             | 19.815 | 244  | 5785988  | 83.30  | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 10) Phenol                    | 7.034  | 94   | 95228    | 5.93   | ng    | Qvalue 84 |
| 48) 2-Nitroaniline            | 13.480 | 65   | 58       | 4.03   | ng    | # 4       |
| 57) 2,4-Dinitrotoluene        | 14.821 | 165  | 831      | 3.06   | ng    | # 62      |
| 80) Butylbenzylphthalate      | 20.497 | 149  | 125      | 4.31   | ng    | # 72      |
| 84) Bis(2-ethylhexyl)phtha... | 21.274 | 149  | 3523     | 4.33   | ng    | # 88      |
| 85) Di-n-octyl phthalate      | 22.168 | 149  | 1007     | 4.18   | ng    | # 73      |
| -----                         |        |      |          |        |       |           |

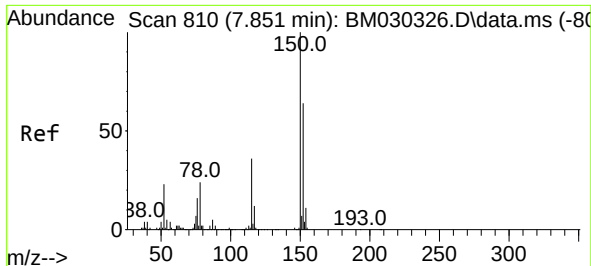
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061021\  
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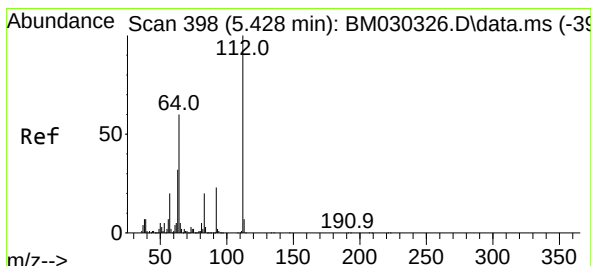
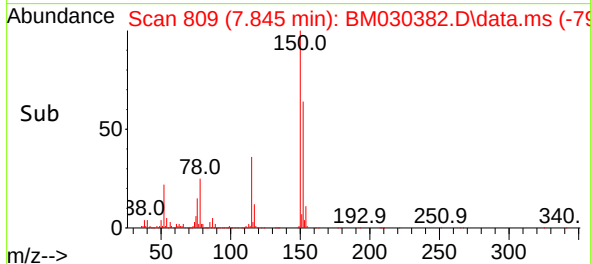
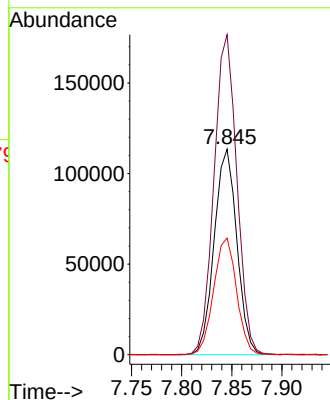
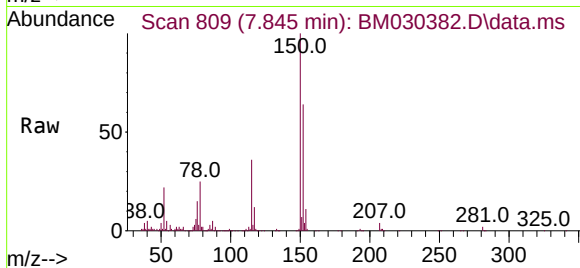




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

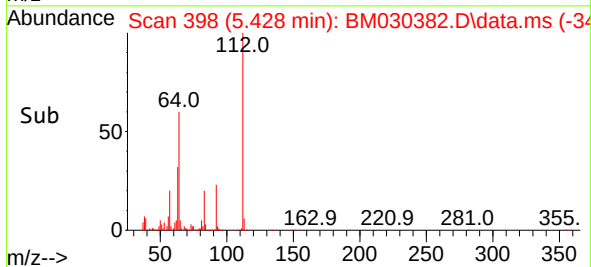
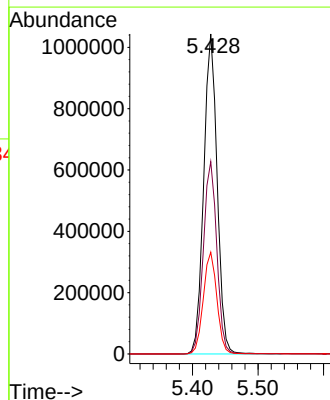
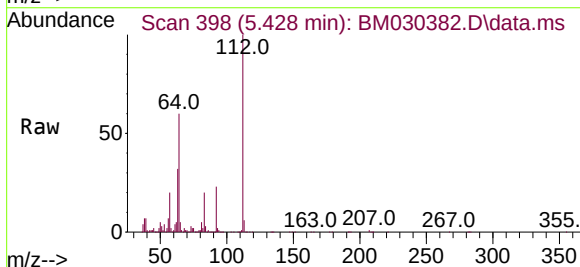
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

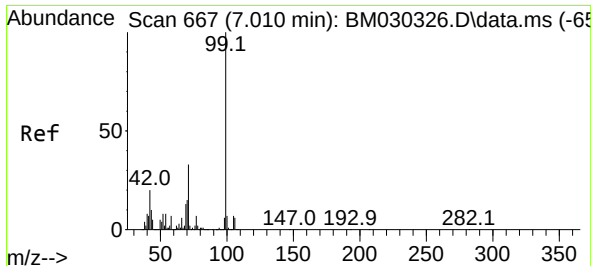
Tgt Ion:152 Resp: 178427  
Ion Ratio Lower Upper  
152 100  
150 155.8 125.9 188.9  
115 56.8 44.6 67.0



#5  
2-Fluorophenol  
Concen: 135.92 ng  
RT: 5.428 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion:112 Resp: 1491765  
Ion Ratio Lower Upper  
112 100  
64 60.1 47.1 70.7  
63 31.8 27.3 40.9



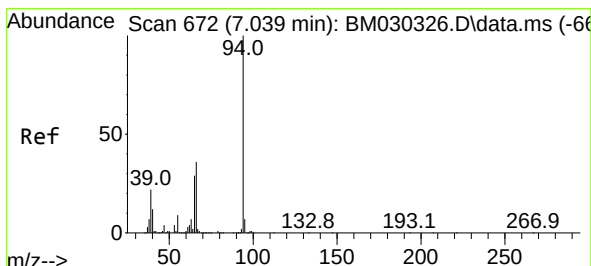
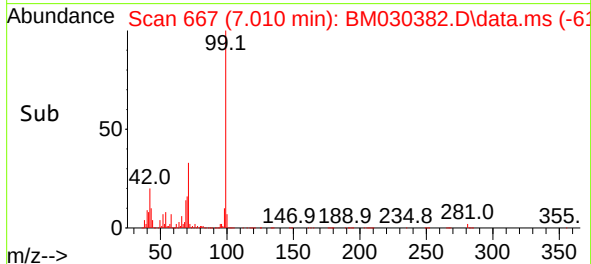
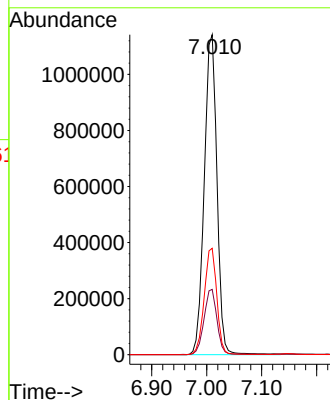
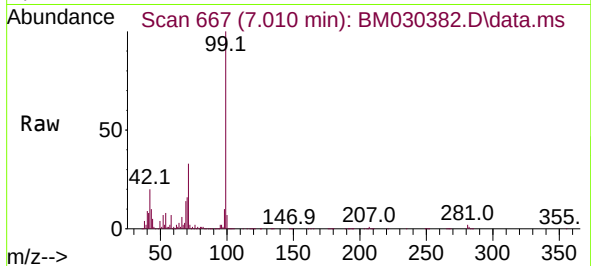


#7  
Phenol-d6  
Concen: 115.46 ng  
RT: 7.010 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

Tgt Ion: 99 Resp: 1834567

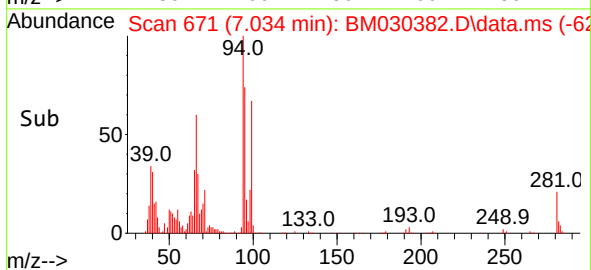
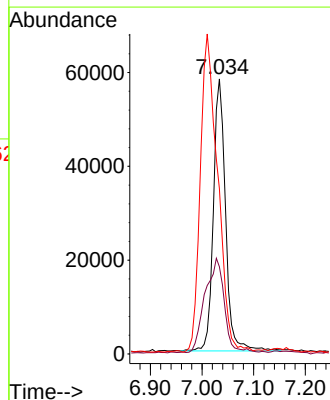
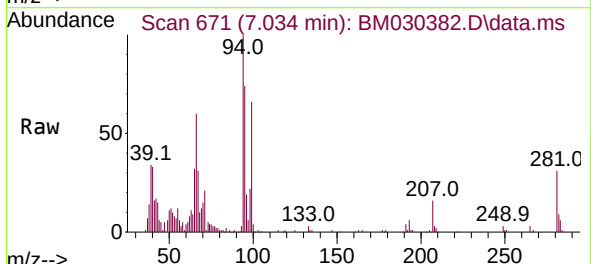
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.4  | 18.0  | 27.0  |
| 71  | 33.2  | 30.9  | 46.3  |

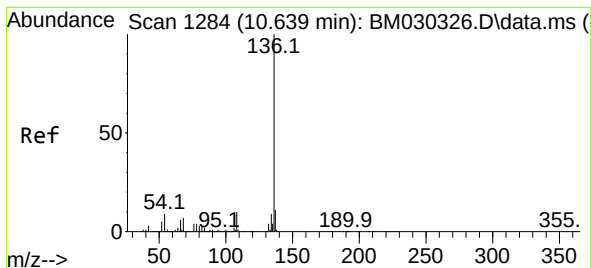


#10  
Phenol  
Concen: 5.93 ng  
RT: 7.034 min Scan# 671  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion: 94 Resp: 95228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 31.7  | 11.9  | 51.9  |
| 66  | 60.1  | 22.6  | 62.6  |

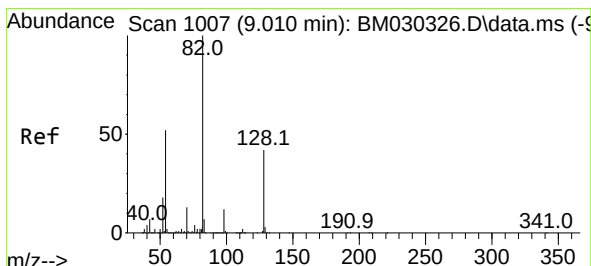
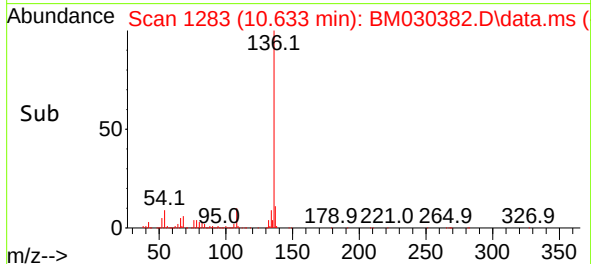
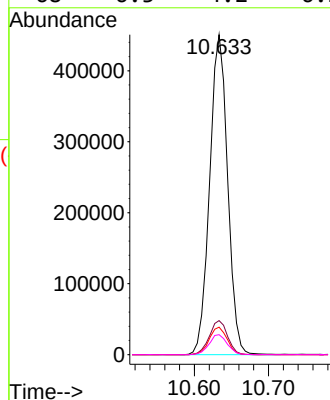
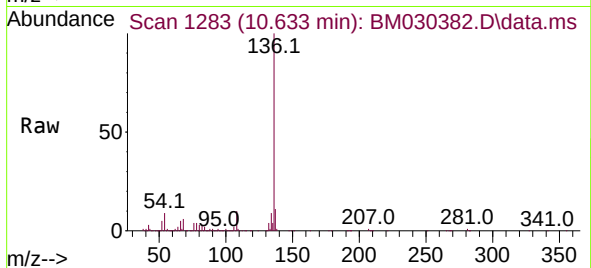




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.633 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

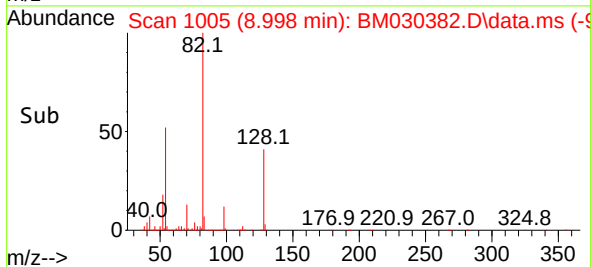
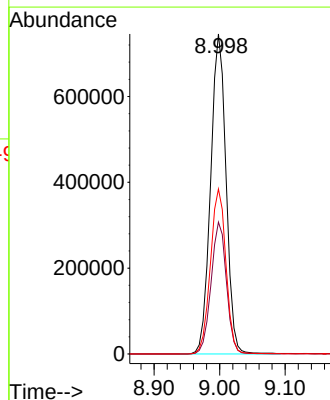
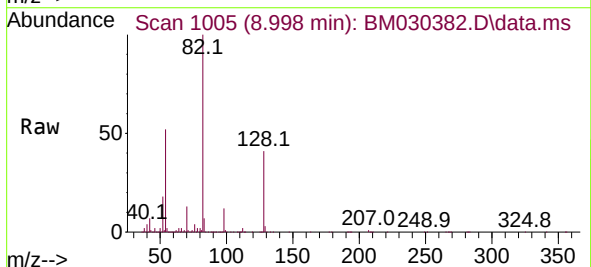
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

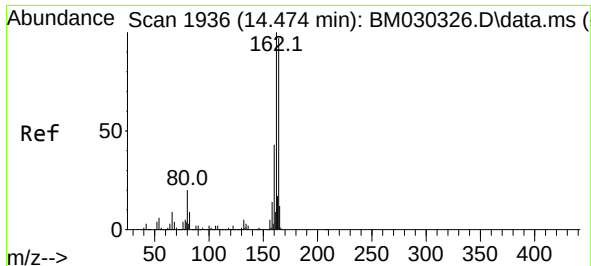
Tgt Ion:136 Resp: 759375  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.4 12.6  
54 8.6 5.5 8.3#  
68 6.3 4.2 6.2#



#23  
Nitrobenzene-d5  
Concen: 78.46 ng  
RT: 8.998 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion: 82 Resp: 1223007  
Ion Ratio Lower Upper  
82 100  
128 41.2 31.1 46.7  
54 51.5 37.3 55.9

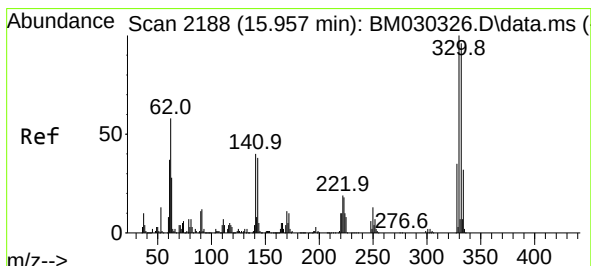
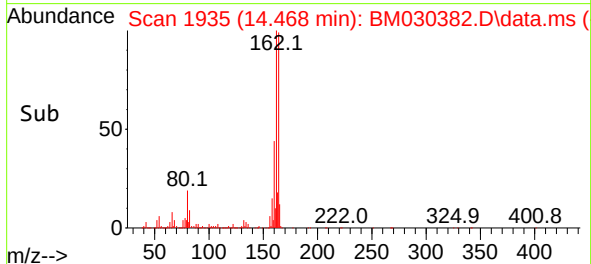
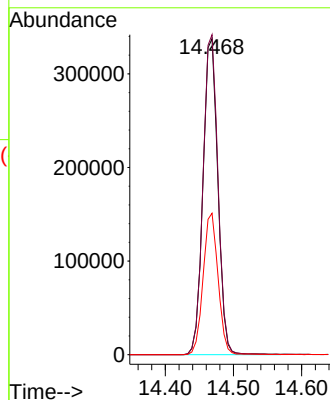
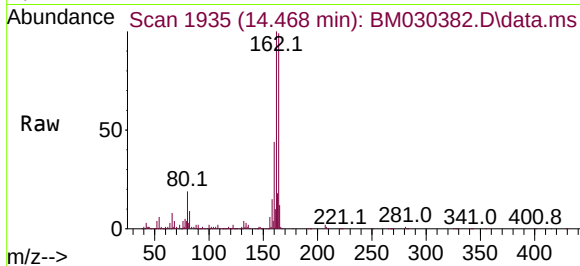




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.468 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

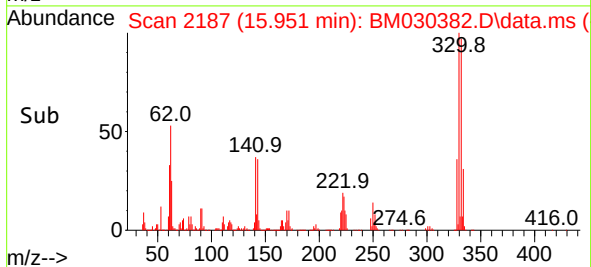
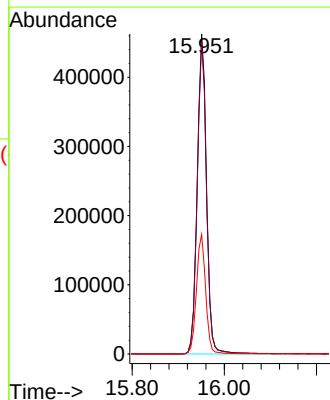
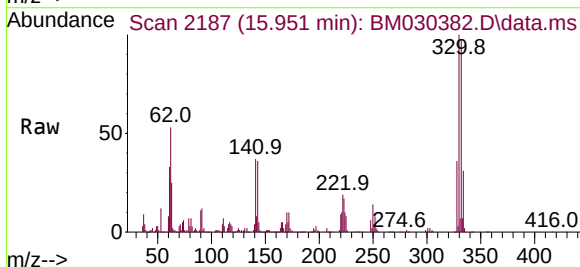
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

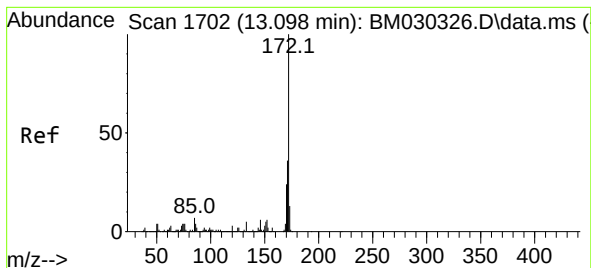
Tgt Ion:164 Resp: 511081  
Ion Ratio Lower Upper  
164 100  
162 101.3 83.4 125.0  
160 44.8 37.2 55.8



#42  
2,4,6-Tribromophenol  
Concen: 100.88 ng  
RT: 15.951 min Scan# 2187  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion:330 Resp: 648239  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.4  
141 37.1 30.2 45.2

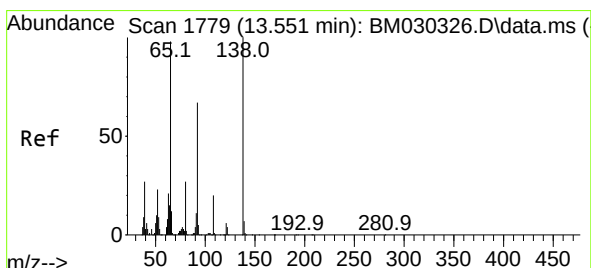
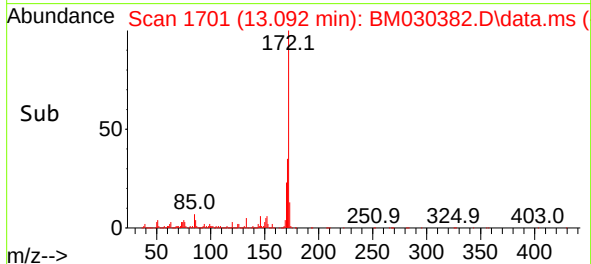
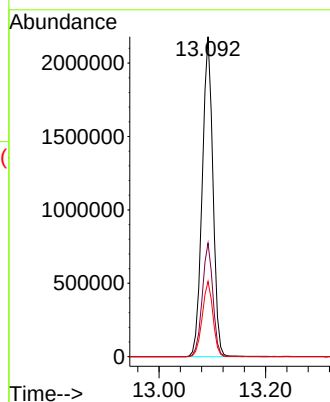
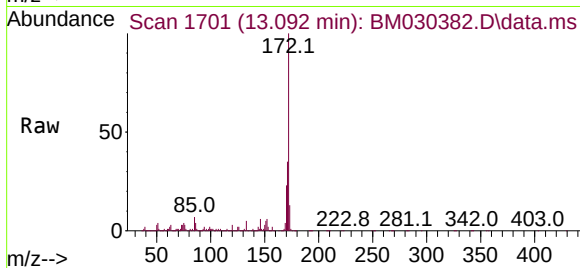




#45  
2-Fluorobiphenyl  
Concen: 78.23 ng  
RT: 13.092 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

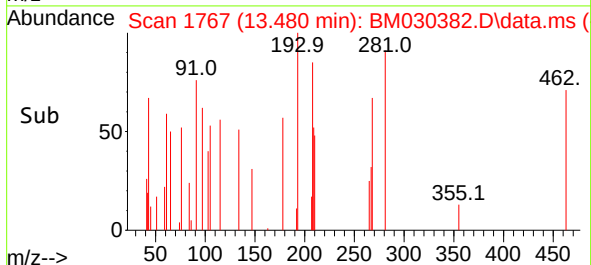
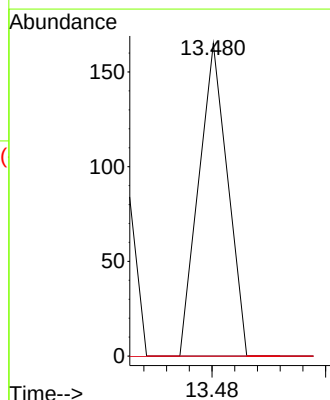
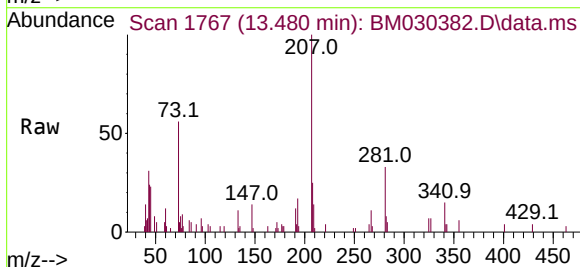
Instrument :  
BNA\_M  
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18-B12(122-126)

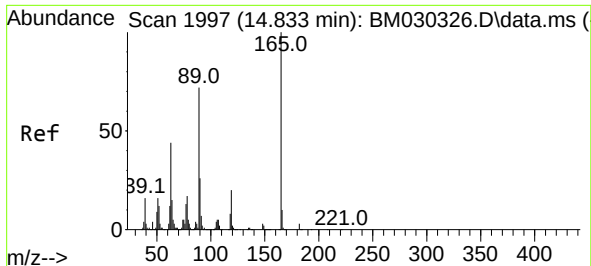
Tgt Ion:172 Resp: 3040322  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.5 18.4 27.6



#48  
2-Nitroaniline  
Concen: 4.03 ng  
RT: 13.480 min Scan# 1767  
Delta R.T. -0.071 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion: 65 Resp: 58  
Ion Ratio Lower Upper  
65 100  
92 0.0 55.5 83.3#  
138 0.0 85.7 128.5#

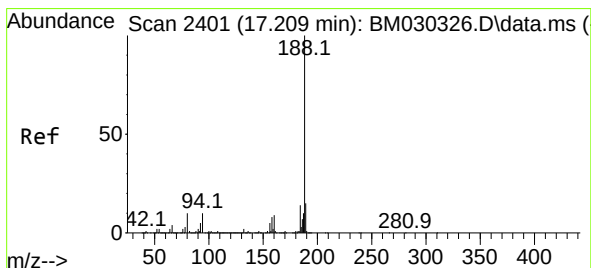
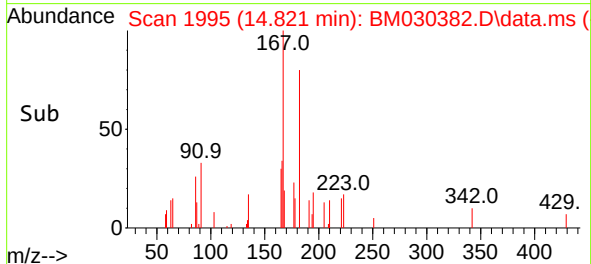
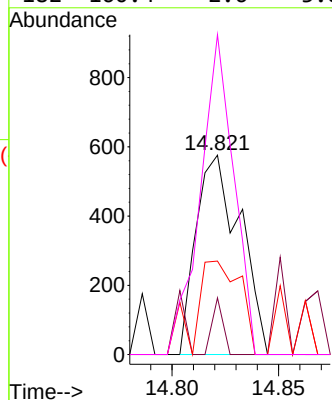
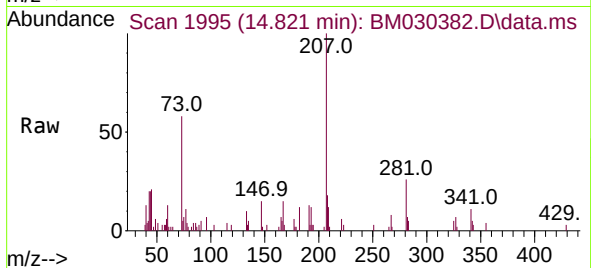




#57  
2,4-Dinitrotoluene  
Concen: 3.06 ng  
RT: 14.821 min Scan# 1995  
Delta R.T. -0.012 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

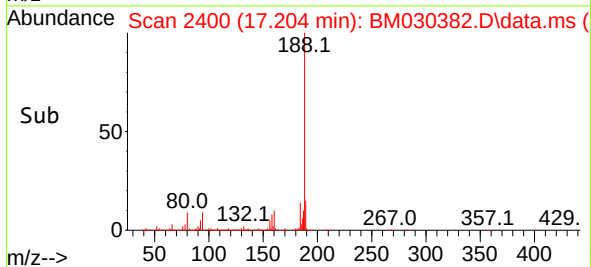
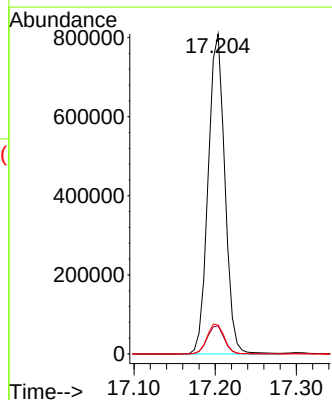
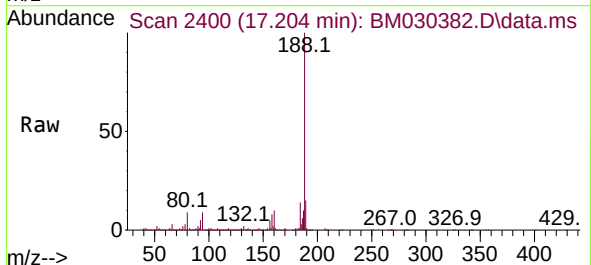
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

Tgt Ion:165 Resp: 831  
Ion Ratio Lower Upper  
165 100  
63 28.5 35.0 52.4#  
89 46.9 55.2 82.8#  
182 160.4 2.6 3.8#

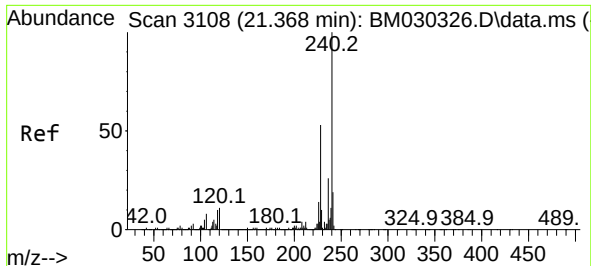


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.204 min Scan# 2400  
Delta R.T. -0.005 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion:188 Resp: 1154765  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.0 9.0  
80 9.1 6.6 9.8



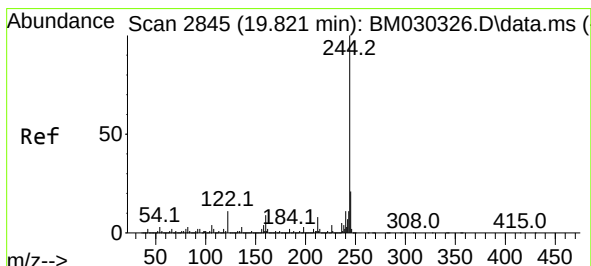
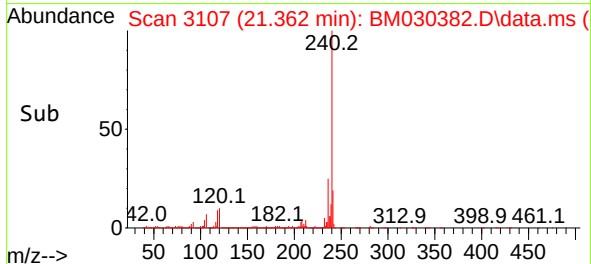
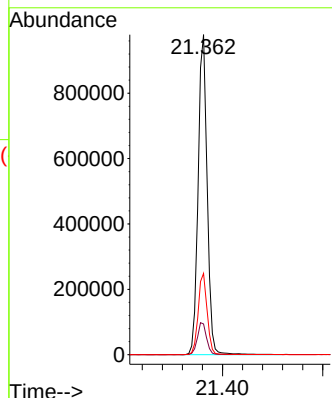
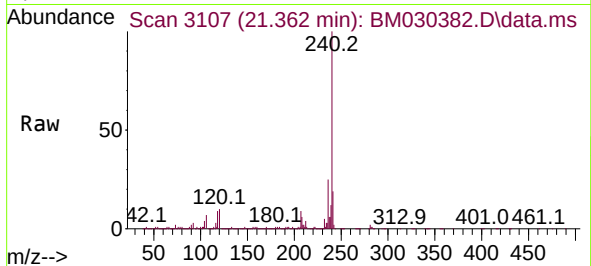




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.362 min Scan# 3107  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

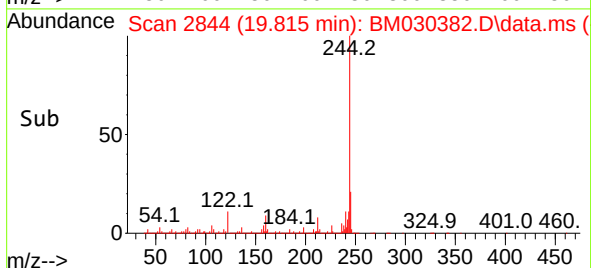
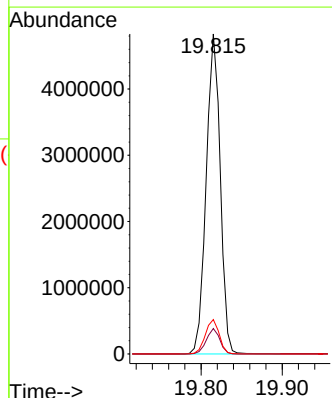
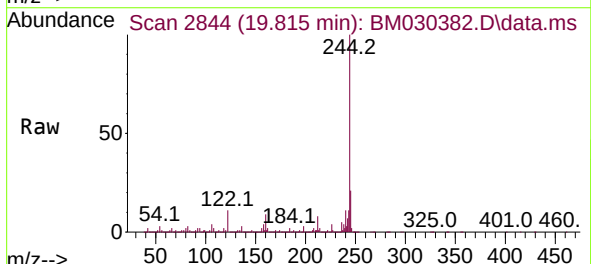
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

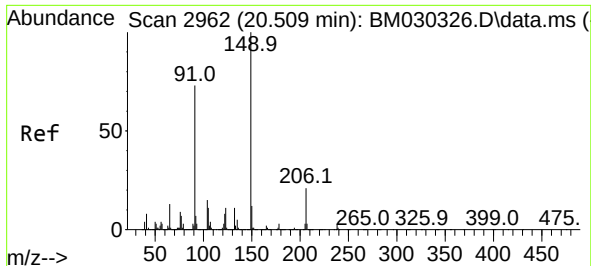
Tgt Ion:240 Resp: 1220055  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.0 10.6  
236 25.4 21.0 31.4



#79  
Terphenyl-d14  
Concen: 83.30 ng  
RT: 19.815 min Scan# 2844  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion:244 Resp: 5785988  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.3 9.5  
122 10.8 6.9 10.3#

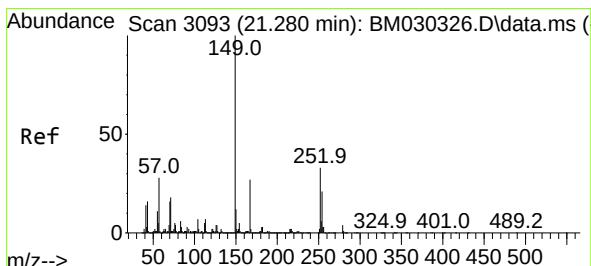
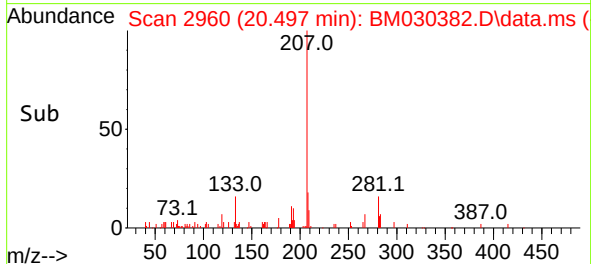
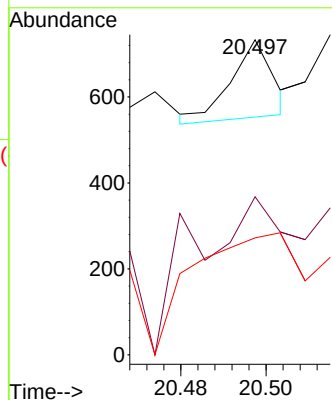
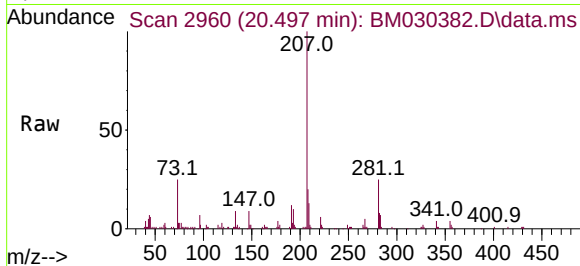




#80  
Butylbenzylphthalate  
Concen: 4.31 ng  
RT: 20.497 min Scan# 2960  
Delta R.T. -0.012 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

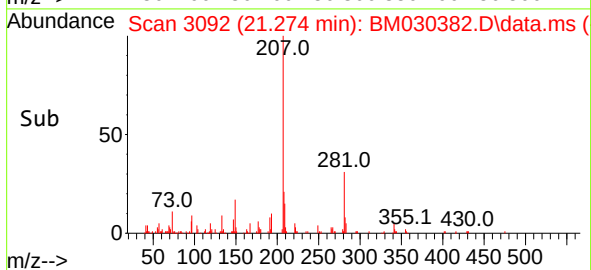
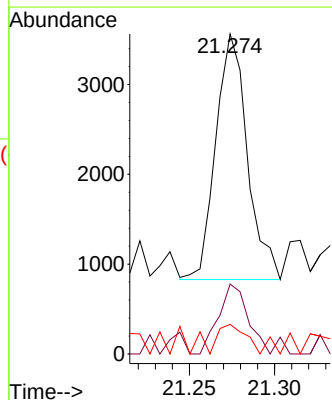
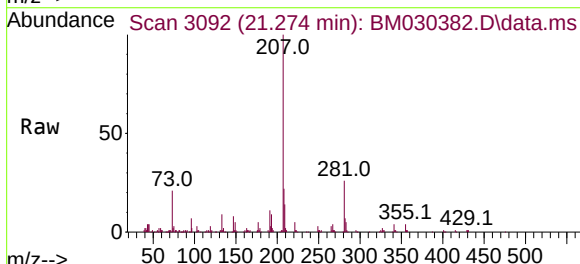
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

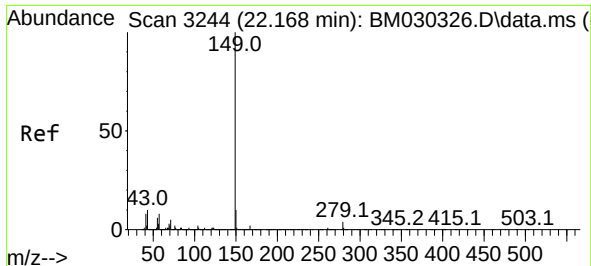
Tgt Ion:149 Resp: 125  
Ion Ratio Lower Upper  
149 100  
91 50.2 57.4 86.0#  
206 37.1 16.6 25.0#



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.33 ng  
RT: 21.274 min Scan# 3092  
Delta R.T. -0.006 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion:149 Resp: 3523  
Ion Ratio Lower Upper  
149 100  
167 21.8 22.6 33.8#  
279 9.2 3.8 5.8#

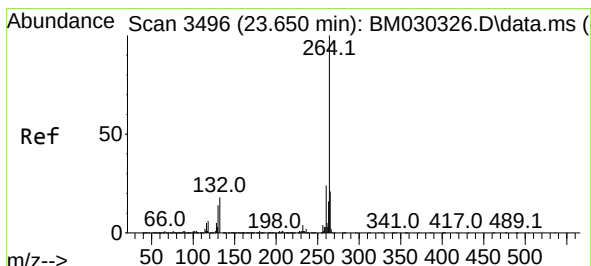
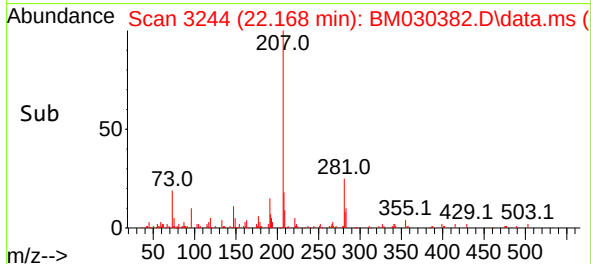
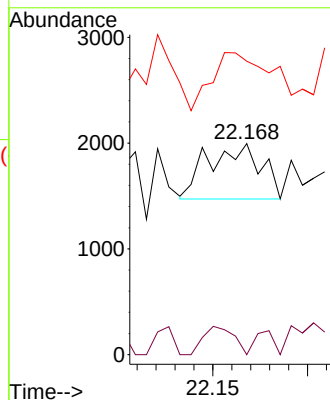
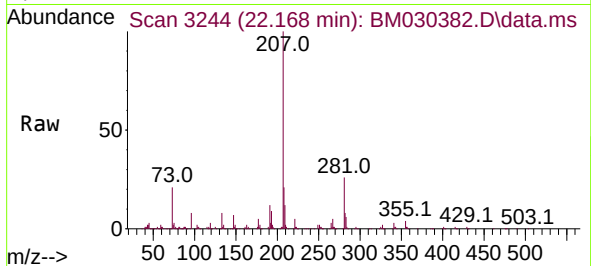




#85  
Di-n-octyl phthalate  
Concen: 4.18 ng  
RT: 22.168 min Scan# 3244  
Delta R.T. -0.000 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(122-126)

Tgt Ion:149 Resp: 1007  
Ion Ratio Lower Upper  
149 100  
167 15.0 1.3 1.9#  
43 0.0 7.4 11.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.638 min Scan# 3494  
Delta R.T. -0.012 min  
Lab File: BM030382.D  
Acq: 10 Jun 2021 19:52

Tgt Ion:264 Resp: 1117516  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.8 29.8  
265 22.3 17.7 26.5

