

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061021\  
 Data File : BM030390.D  
 Acq On : 11 Jun 2021 04:23  
 Operator : CG/JU  
 Sample : M2612-22  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(10-14)

Quant Time: Jun 11 07:55:13 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

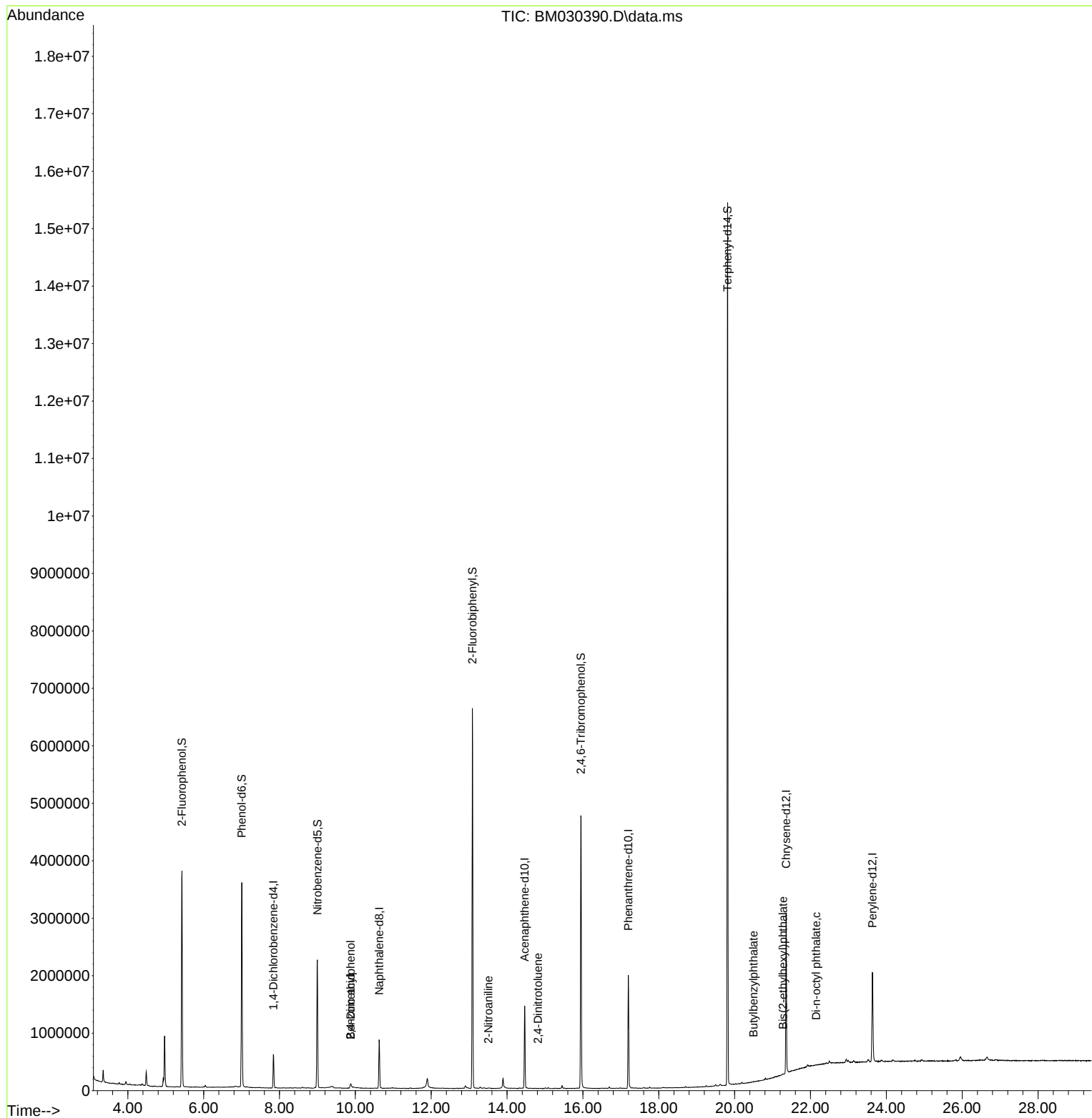
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 163549   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.628 | 136  | 704677   | 20.00  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 503219   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.198 | 188  | 1186664  | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.356 | 240  | 1299978  | 20.00  | ng    | -0.01    |
| 86) Perylene-d12              | 23.633 | 264  | 1143939  | 20.00  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 1631427  | 162.16 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.004  | 99   | 1967252  | 135.08 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.998  | 82   | 1313159  | 90.78  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 884876   | 139.86 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.086 | 172  | 3358209  | 87.76  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.815 | 244  | 6818354  | 92.12  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 27) 2,4-Dimethylphenol        | 9.875  | 122  | 48553    | 4.52   | ng    | # 3      |
| 32) Benzoic acid              | 9.875  | 122  | 48553    | 10.21  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.510 | 65   | 554      | 4.07   | ng    | # 4      |
| 57) 2,4-Dinitrotoluene        | 14.816 | 165  | 174      | 3.01   | ng    | # 65     |
| 80) Butylbenzylphthalate      | 20.498 | 149  | 932      | 4.33   | ng    | 91       |
| 84) Bis(2-ethylhexyl)phtha... | 21.274 | 149  | 3420     | 4.33   | ng    | # 85     |
| 85) Di-n-octyl phthalate      | 22.150 | 149  | 1513     | 4.18   | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

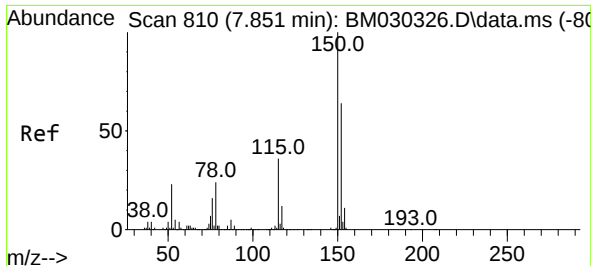
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

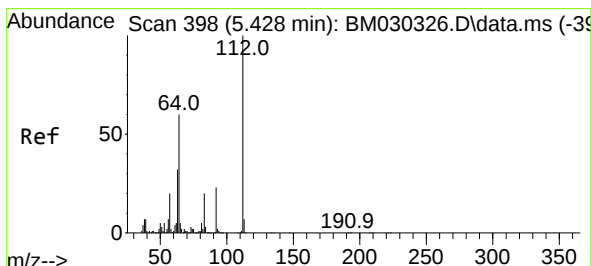
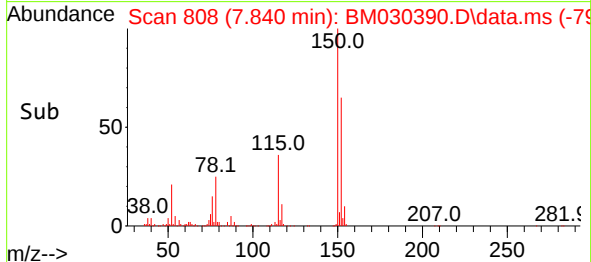
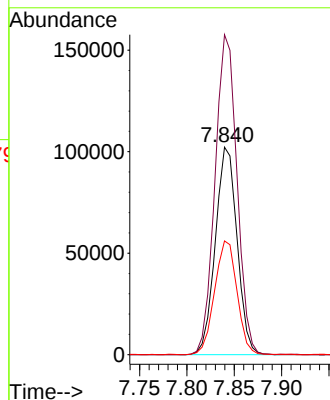
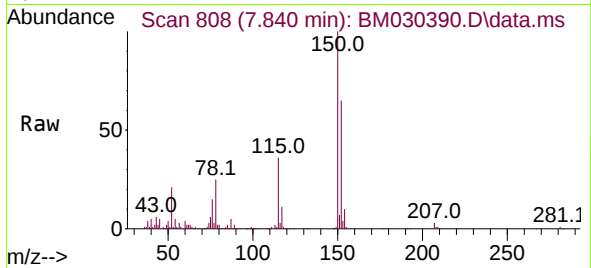




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.840 min Scan# 808  
Delta R.T. -0.011 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

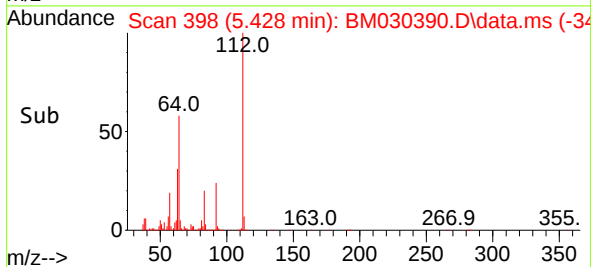
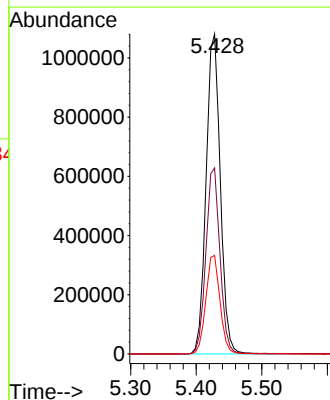
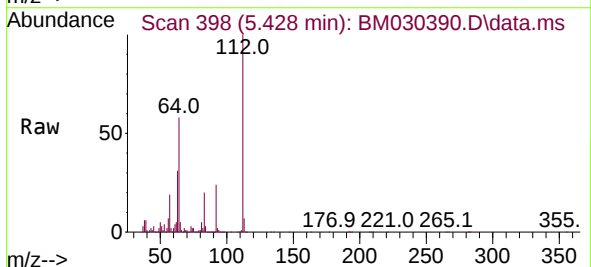
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(10-14)

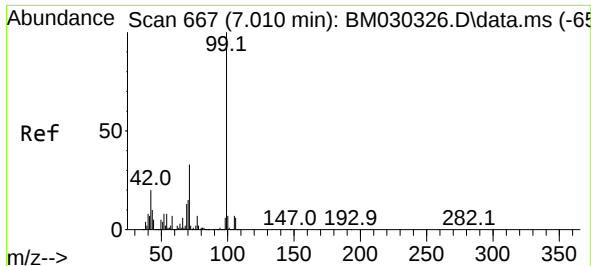
Tgt Ion:152 Resp: 163549  
Ion Ratio Lower Upper  
152 100  
150 154.2 125.9 188.9  
115 54.8 44.6 67.0



#5  
2-Fluorophenol  
Concen: 162.16 ng  
RT: 5.428 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion:112 Resp: 1631427  
Ion Ratio Lower Upper  
112 100  
64 58.1 47.1 70.7  
63 30.8 27.3 40.9



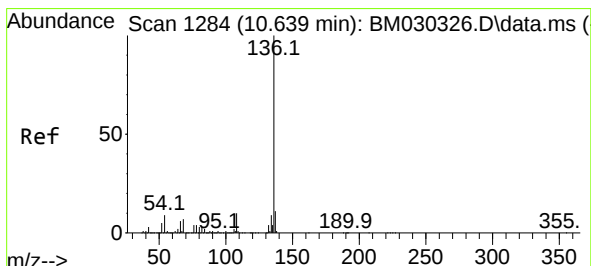
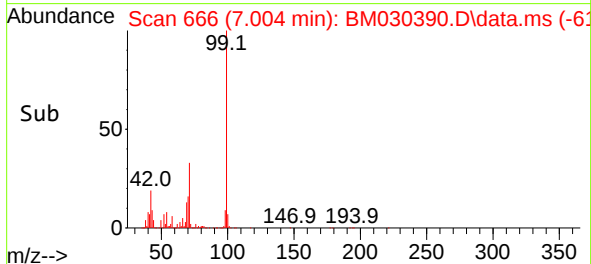
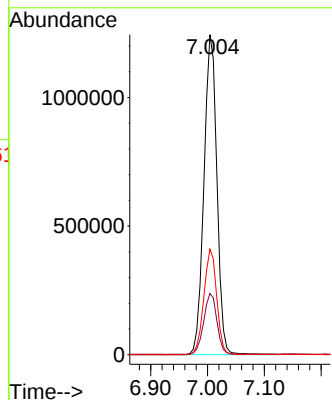
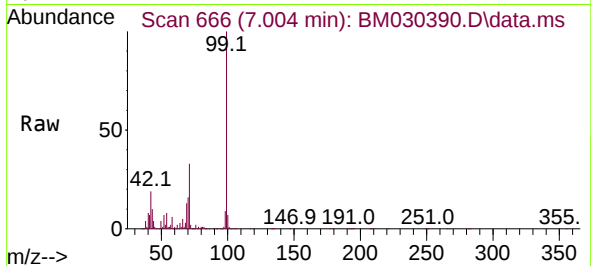


#7  
Phenol-d6  
Concen: 135.08 ng  
RT: 7.004 min Scan# 666  
Delta R.T. -0.006 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(10-14)

Tgt Ion: 99 Resp: 1967252

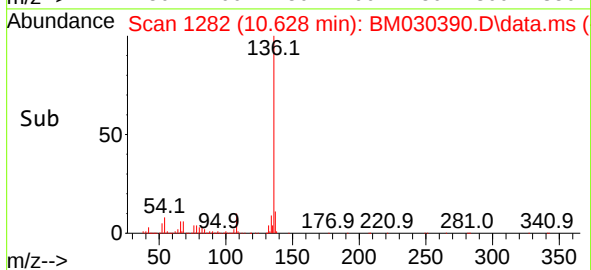
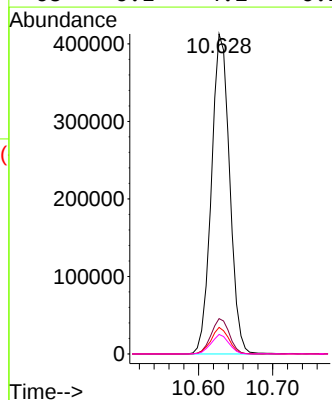
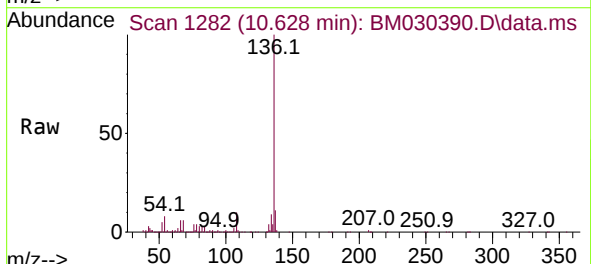
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.2  | 18.0  | 27.0  |
| 71  | 33.0  | 30.9  | 46.3  |

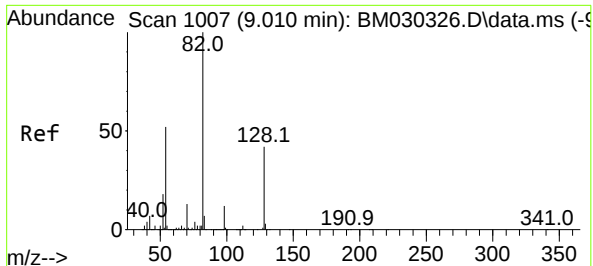


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.628 min Scan# 1282  
Delta R.T. -0.011 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion: 136 Resp: 704677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.4   | 12.6  |
| 54  | 8.3   | 5.5   | 8.3#  |
| 68  | 6.1   | 4.2   | 6.2   |

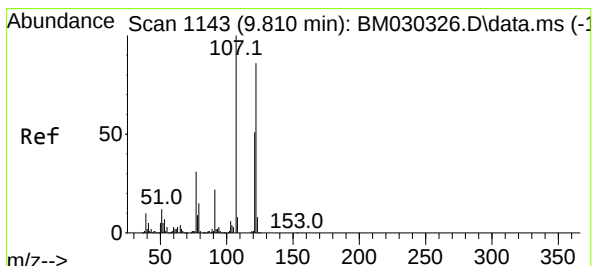
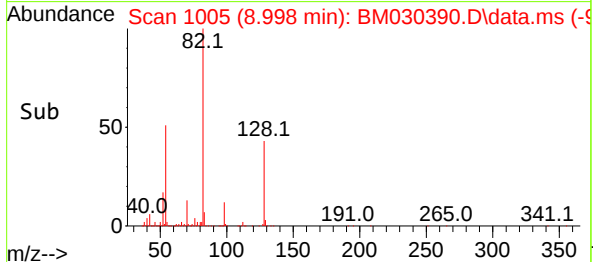
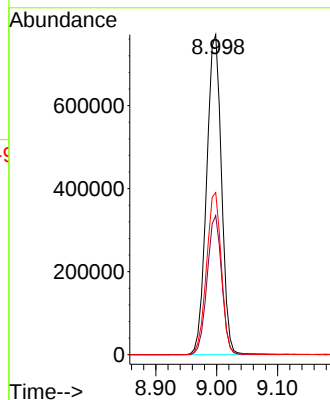
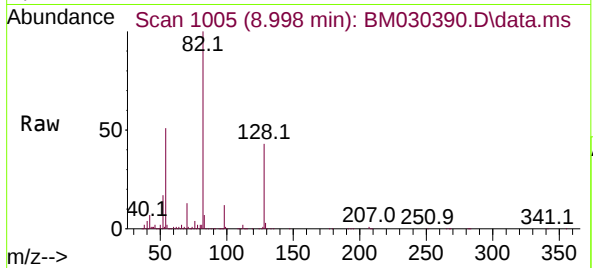




#23  
Nitrobenzene-d5  
Concen: 90.78 ng  
RT: 8.998 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

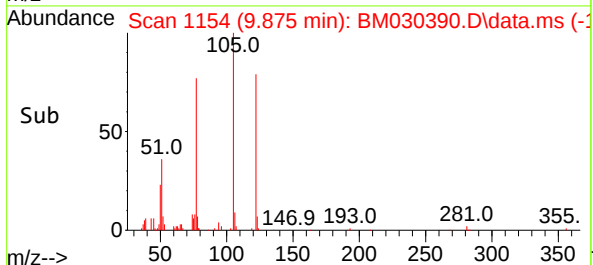
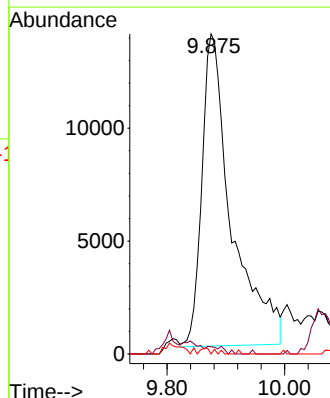
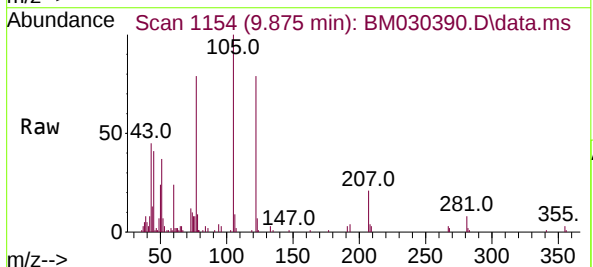
Instrument :  
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ClientSampleId :  
18-B12(10-14)

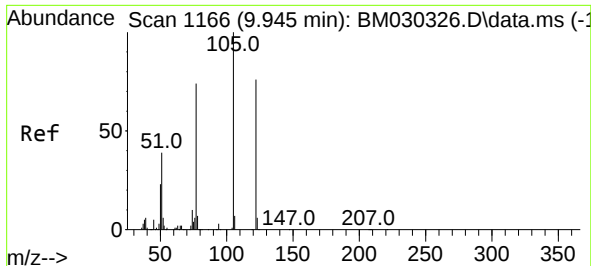
Tgt Ion: 82 Resp: 1313159  
Ion Ratio Lower Upper  
82 100  
128 43.4 31.1 46.7  
54 50.7 37.3 55.9



#27  
2,4-Dimethylphenol  
Concen: 4.52 ng  
RT: 9.875 min Scan# 1154  
Delta R.T. 0.065 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion:122 Resp: 48553  
Ion Ratio Lower Upper  
122 100  
107 2.2 95.0 142.6#  
121 0.0 48.1 72.1#

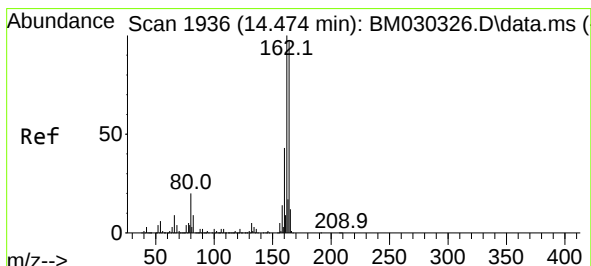
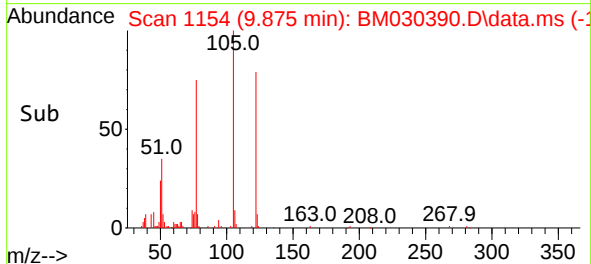
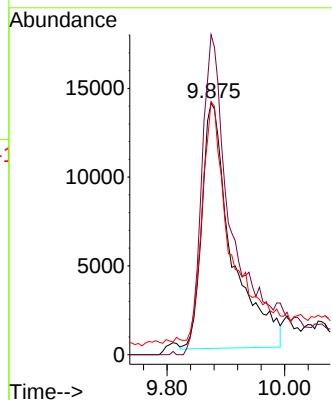
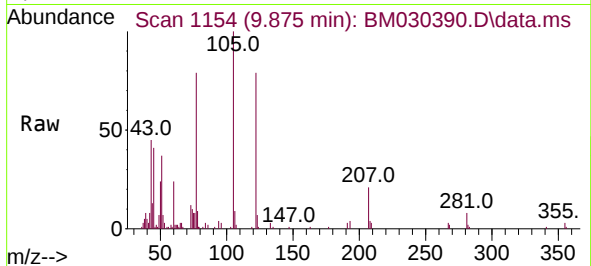




#32  
Benzoic acid  
Concen: 10.21 ng  
RT: 9.875 min Scan# 1154  
Delta R.T. -0.070 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

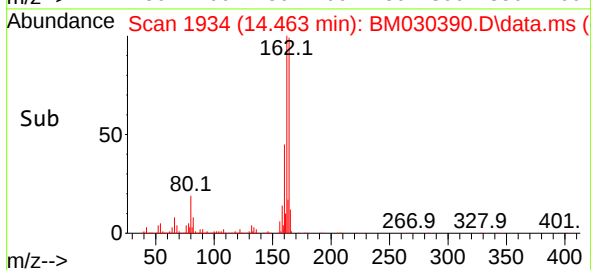
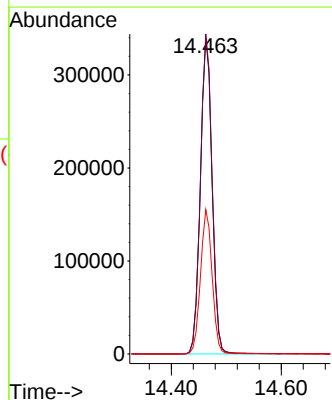
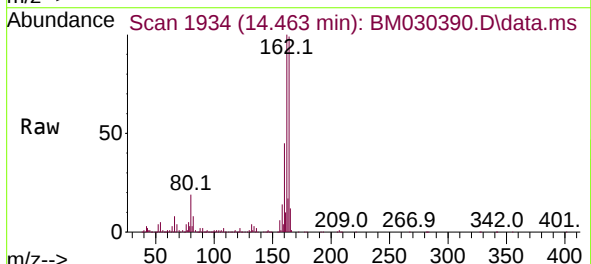
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ClientSampleId :  
18-B12(10-14)

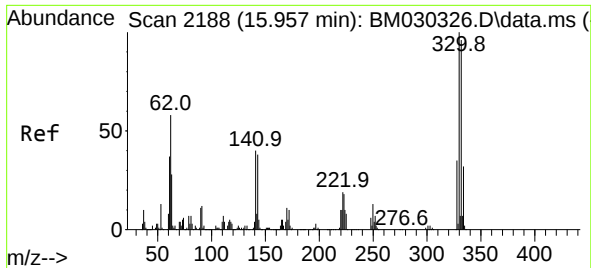
Tgt Ion:122 Resp: 48553  
Ion Ratio Lower Upper  
122 100  
105 127.1 107.3 147.3  
77 100.6 88.0 128.0



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.463 min Scan# 1934  
Delta R.T. -0.011 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion:164 Resp: 503219  
Ion Ratio Lower Upper  
164 100  
162 101.2 83.4 125.0  
160 45.6 37.2 55.8

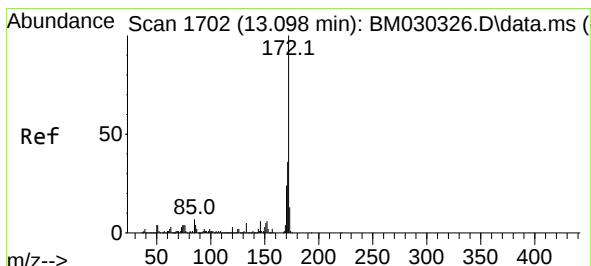
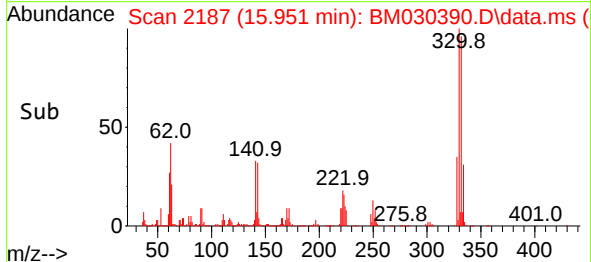
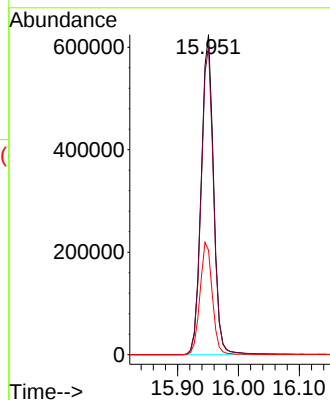
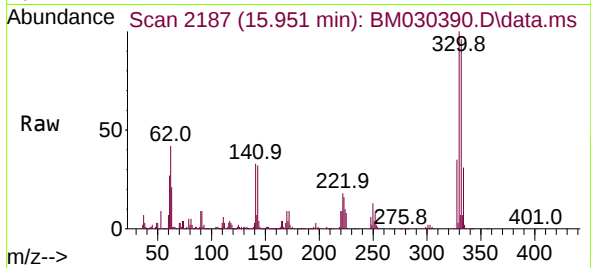




#42  
2,4,6-Tribromophenol  
Concen: 139.86 ng  
RT: 15.951 min Scan# 2187  
Delta R.T. -0.006 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

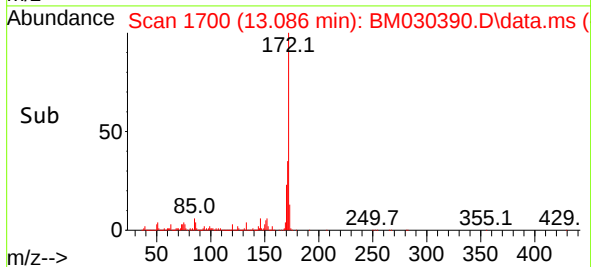
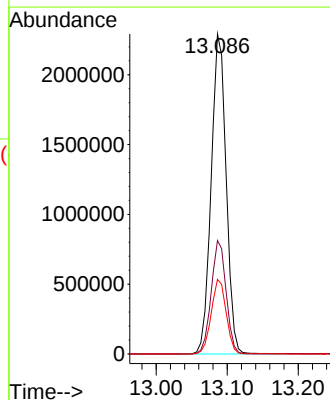
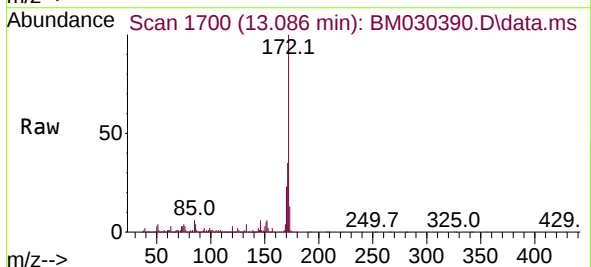
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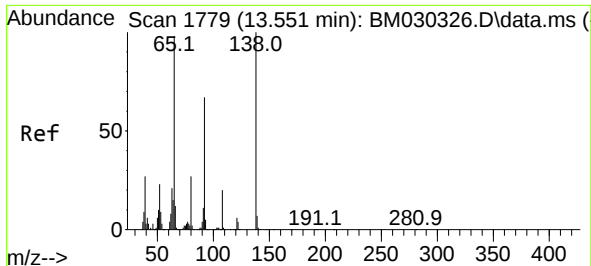
Tgt Ion:330 Resp: 884876  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.0 115.4  
141 35.0 30.2 45.2



#45  
2-Fluorobiphenyl  
Concen: 87.76 ng  
RT: 13.086 min Scan# 1700  
Delta R.T. -0.012 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion:172 Resp: 3358209  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.3 18.4 27.6

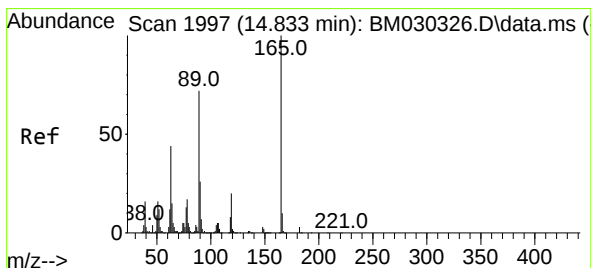
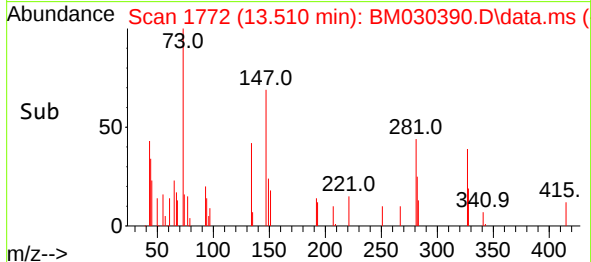
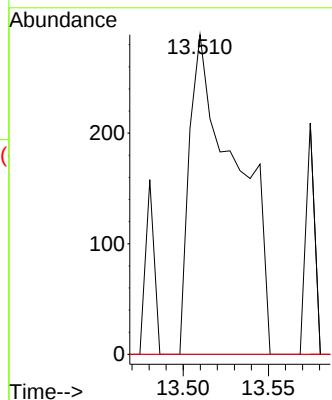
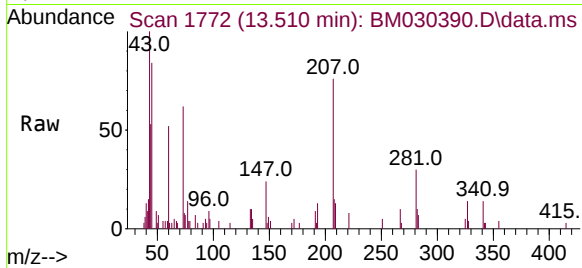




#48  
2-Nitroaniline  
Concen: 4.07 ng  
RT: 13.510 min Scan# 1772  
Delta R.T. -0.041 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

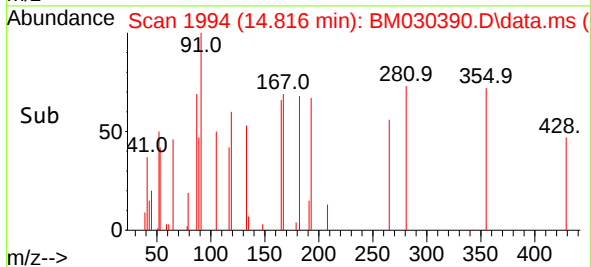
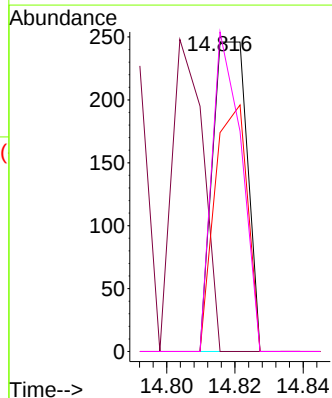
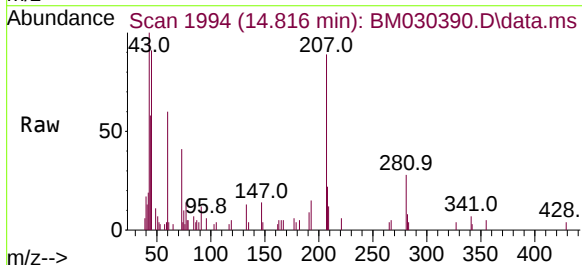
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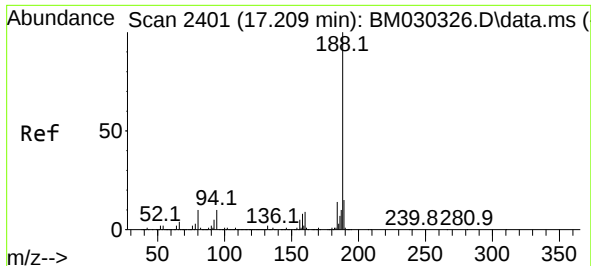
Tgt Ion: 65 Resp: 554  
Ion Ratio Lower Upper  
65 100  
92 0.0 55.5 83.3#  
138 0.0 85.7 128.5#



#57  
2,4-Dinitrotoluene  
Concen: 3.01 ng  
RT: 14.816 min Scan# 1994  
Delta R.T. -0.017 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion: 165 Resp: 174  
Ion Ratio Lower Upper  
165 100  
63 0.0 35.0 52.4#  
89 70.7 55.2 82.8  
182 103.3 2.6 3.8#

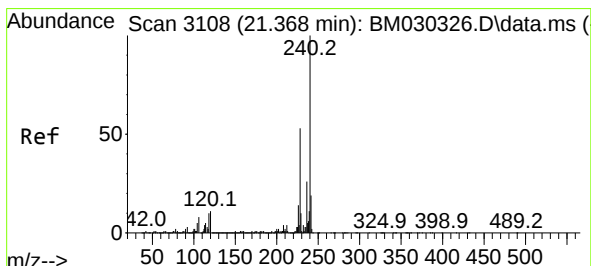
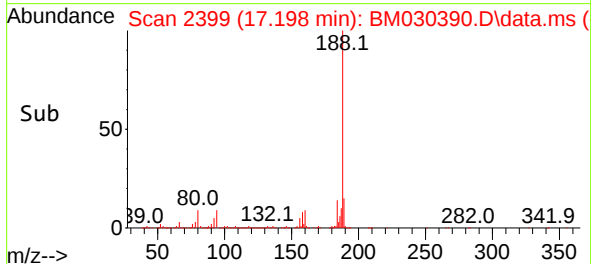
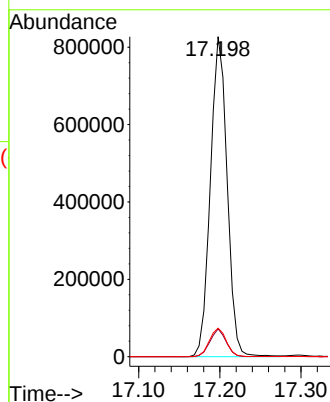
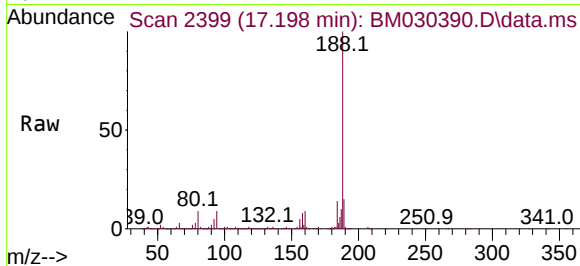




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.198 min Scan# 2399  
Delta R.T. -0.011 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

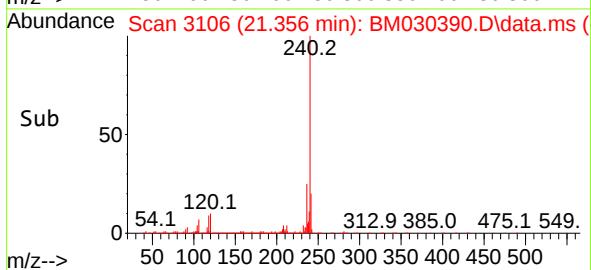
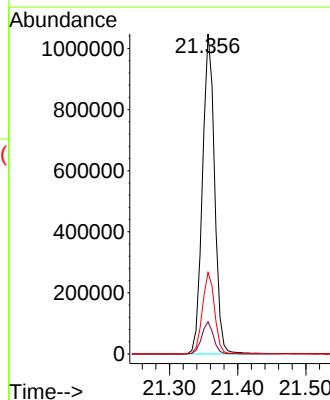
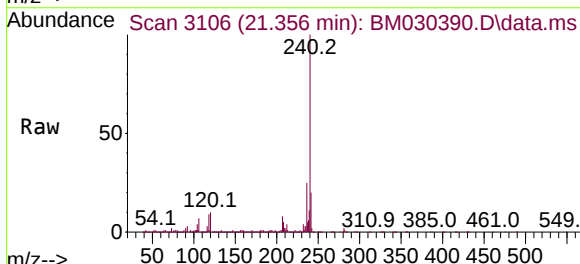
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(10-14)

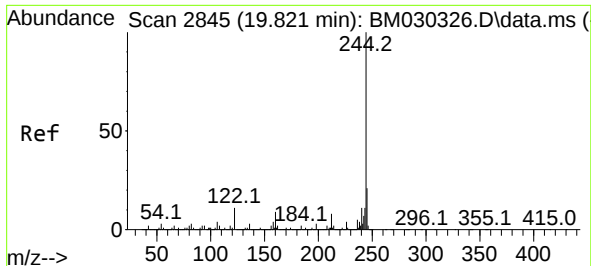
Tgt Ion:188 Resp: 1186664  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.0 9.0  
80 8.9 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.356 min Scan# 3106  
Delta R.T. -0.012 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion:240 Resp: 1299978  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.0 10.6  
236 25.4 21.0 31.4

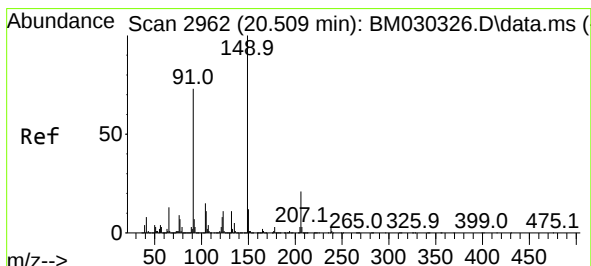
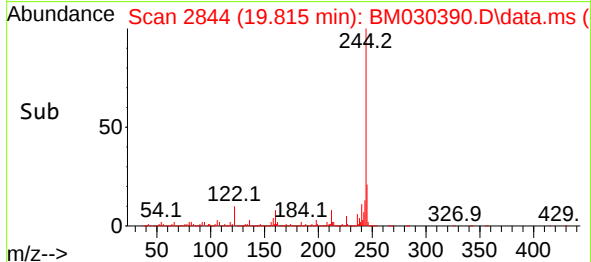
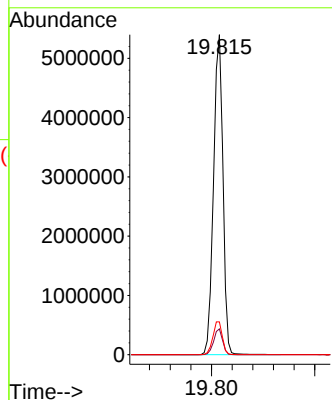
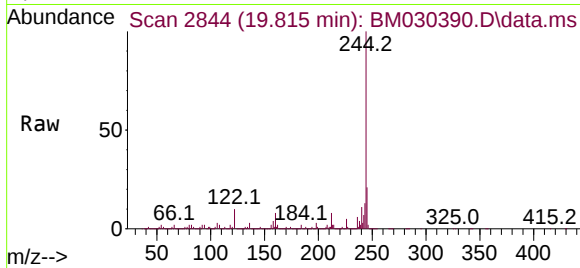




#79  
 Terphenyl-d14  
 Concen: 92.12 ng  
 RT: 19.815 min Scan# 2844  
 Delta R.T. -0.006 min  
 Lab File: BM030390.D  
 Acq: 11 Jun 2021 04:23

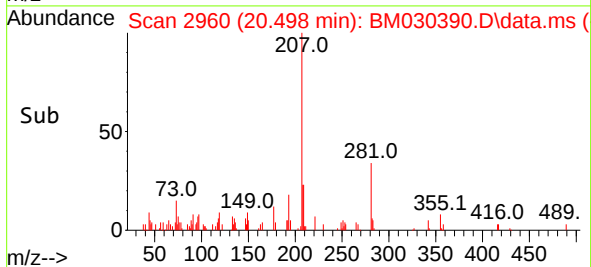
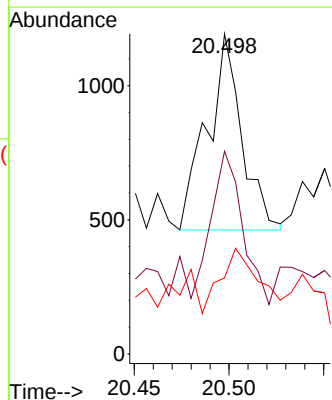
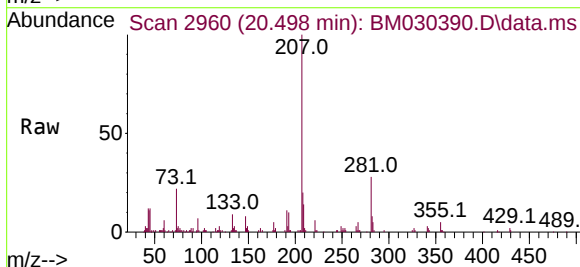
Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(10-14)

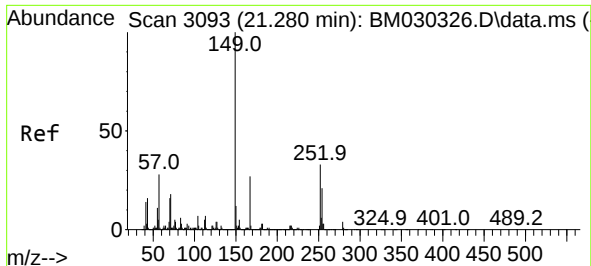
Tgt Ion:244 Resp: 6818354  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.3 9.5  
 122 10.3 6.9 10.3



#80  
 Butylbenzylphthalate  
 Concen: 4.33 ng  
 RT: 20.498 min Scan# 2960  
 Delta R.T. -0.011 min  
 Lab File: BM030390.D  
 Acq: 11 Jun 2021 04:23

Tgt Ion:149 Resp: 932  
 Ion Ratio Lower Upper  
 149 100  
 91 63.4 57.4 86.0  
 206 23.7 16.6 25.0

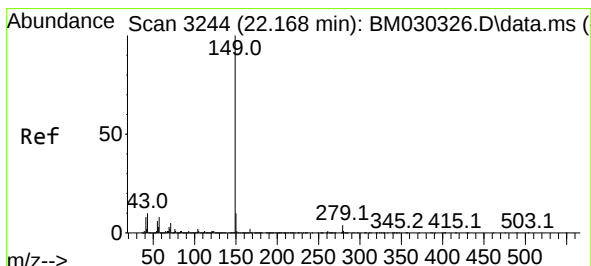
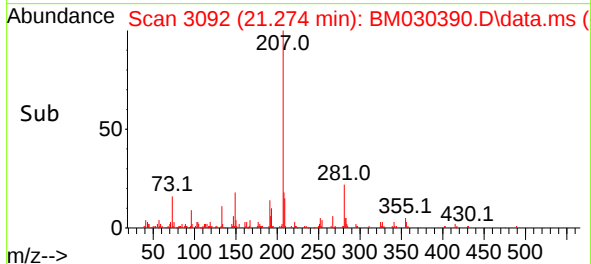
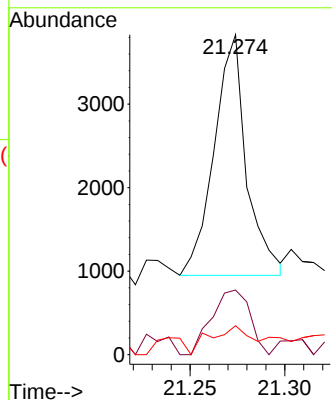
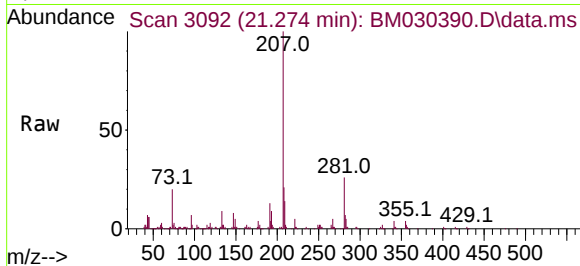




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.33 ng  
RT: 21.274 min Scan# 3092  
Delta R.T. -0.006 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

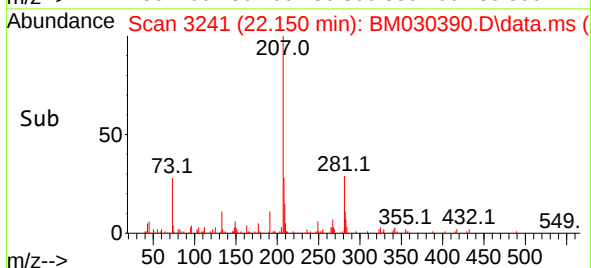
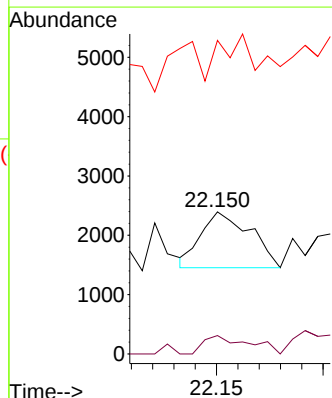
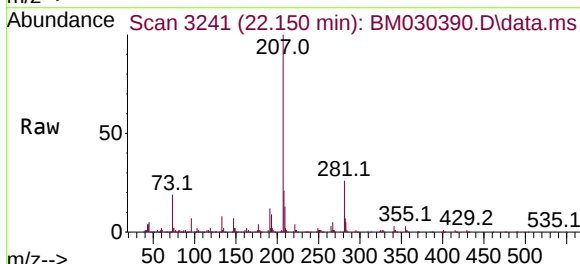
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(10-14)

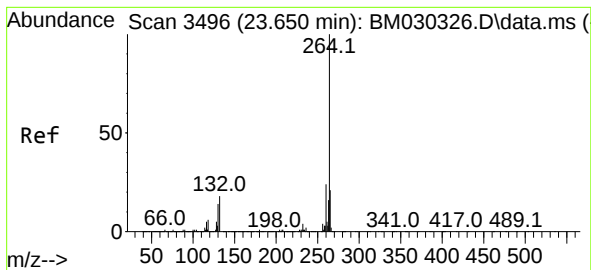
Tgt Ion:149 Resp: 3420  
Ion Ratio Lower Upper  
149 100  
167 20.2 22.6 33.8#  
279 9.0 3.8 5.8#



#85  
Di-n-octyl phthalate  
Concen: 4.18 ng  
RT: 22.150 min Scan# 3241  
Delta R.T. -0.018 min  
Lab File: BM030390.D  
Acq: 11 Jun 2021 04:23

Tgt Ion:149 Resp: 1513  
Ion Ratio Lower Upper  
149 100  
167 30.3 1.3 1.9#  
43 63.7 7.4 11.0#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.633 min Scan# 3493  
 Delta R.T. -0.017 min  
 Lab File: BM030390.D  
 Acq: 11 Jun 2021 04:23

Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(10-14)

Tgt Ion:264 Resp: 1143939  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 19.8 29.8  
 265 21.7 17.7 26.5

