

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090921\  
 Data File : BM032113.D  
 Acq On : 09 Sep 2021 17:17  
 Operator : CG/JU  
 Sample : M3655-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CON-GROWS

Quant Time: Sep 10 03:08:01 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM090821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 08 19:23:17 2021  
 Response via : Initial Calibration

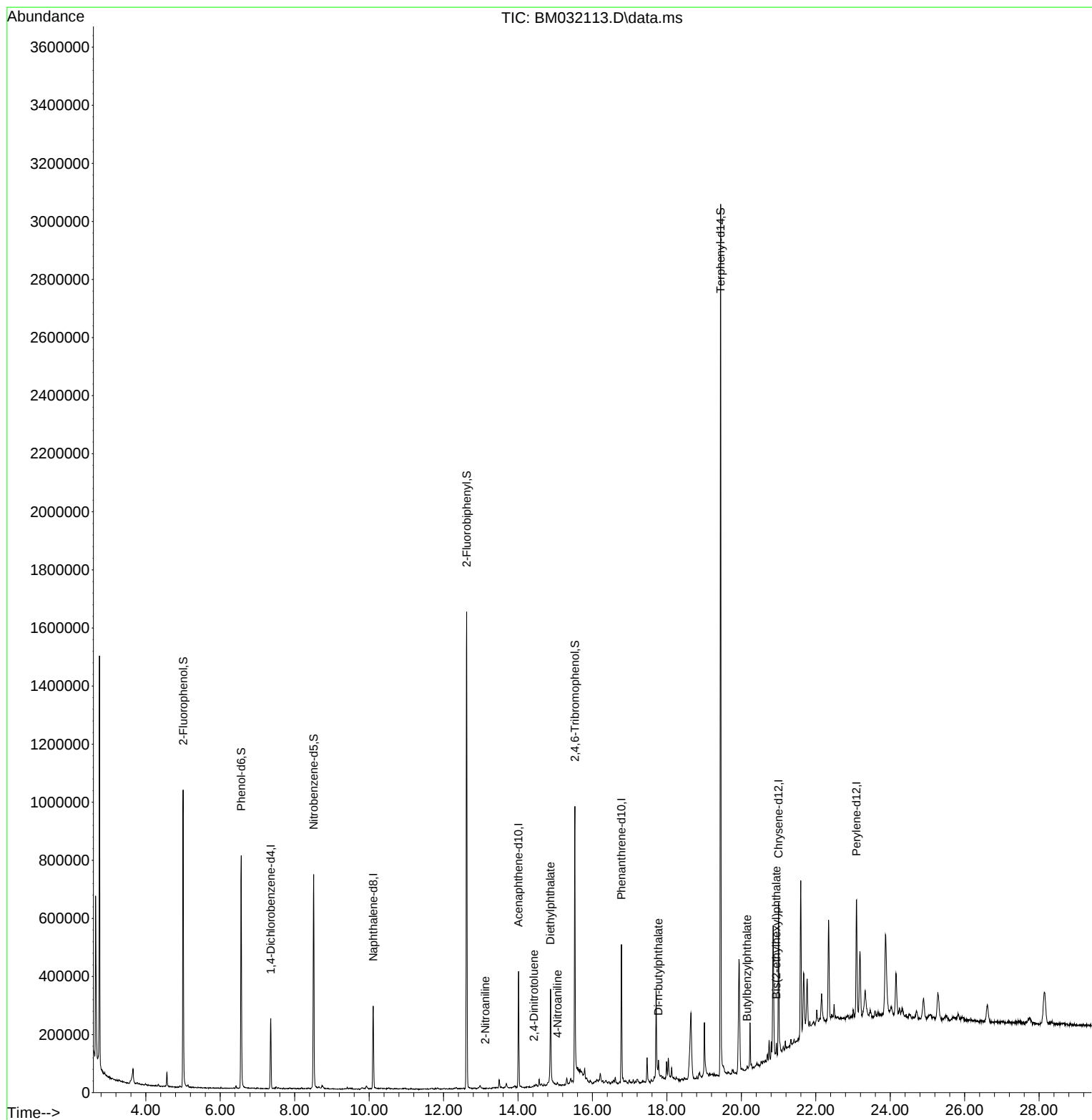
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.357  | 152  | 53801    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.110 | 136  | 198797   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.016 | 164  | 124285   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.780 | 188  | 265028   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.003 | 240  | 273652   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 23.092 | 264  | 295816   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.004  | 112  | 349786   | 116.012   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.563  | 99   | 364819   | 79.535    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.510  | 82   | 383061   | 85.875    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.527 | 330  | 152742   | 154.641   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.622 | 172  | 749206   | 79.039    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.445 | 244  | 1361582  | 81.182    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.516  | 77   | 99       | Below Cal | #     | 40       |
| 48) 2-Nitroaniline            | 13.122 | 65   | 401      | 3.742     | ng    | # 12     |
| 57) 2,4-Dinitrotoluene        | 14.427 | 165  | 351      | 3.939     | ng    | # 74     |
| 60) Diethylphthalate          | 14.874 | 149  | 228284   | 26.052    | ng    | 96       |
| 62) 4-Nitroaniline            | 15.063 | 138  | 57       | 3.731     | ng    | # 1      |
| 74) Di-n-butylphthalate       | 17.774 | 149  | 36091    | 2.551     | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.156 | 149  | 2932     | 4.098     | ng    | 90       |
| 84) Bis(2-ethylhexyl)phtha... | 20.945 | 149  | 13041    | 4.088     | ng    | # 88     |
| -----                         |        |      |          |           |       |          |

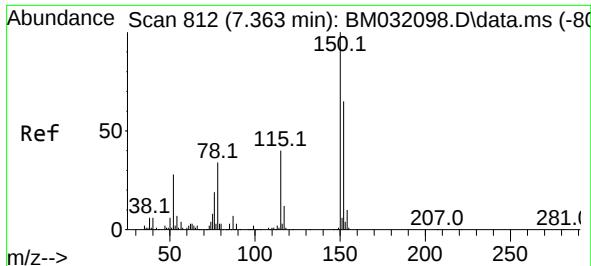
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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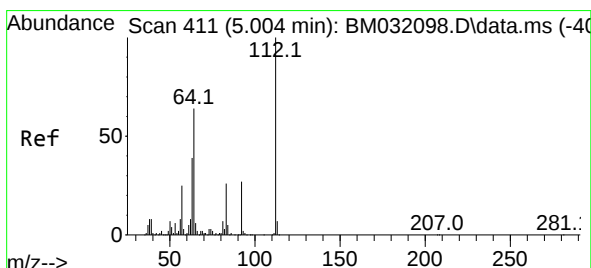
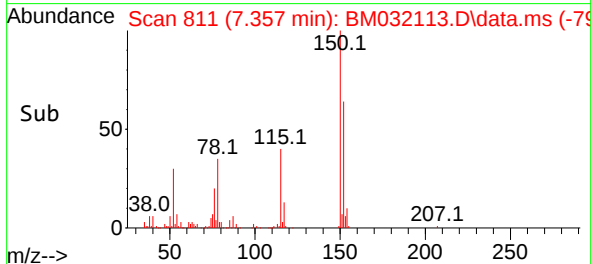
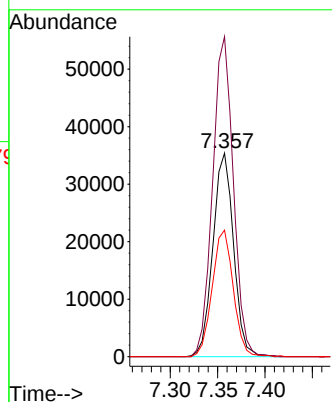
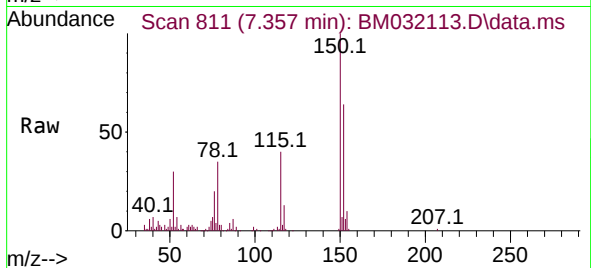




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.357 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

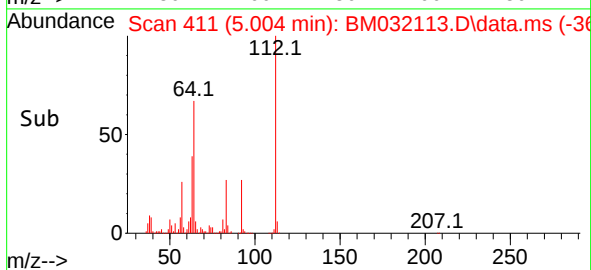
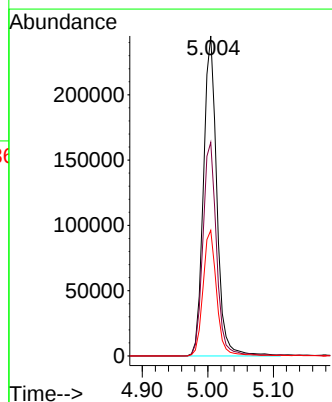
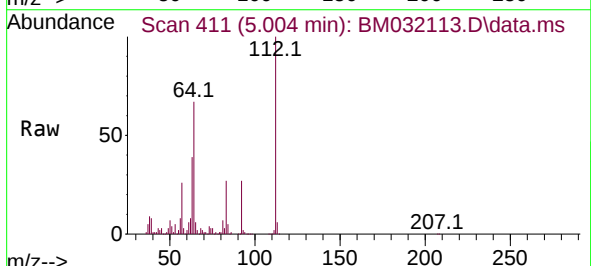
Instrument :  
BNA\_M  
ClientSampleId :  
CON-GROWS

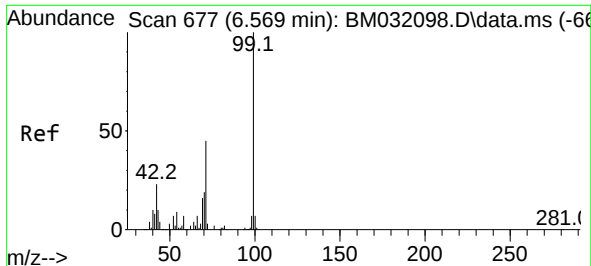
Tgt Ion:152 Resp: 53801  
Ion Ratio Lower Upper  
152 100  
150 157.3 122.4 183.6  
115 62.2 53.8 80.8



#5  
2-Fluorophenol  
Concen: 116.012 ng  
RT: 5.004 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion:112 Resp: 349786  
Ion Ratio Lower Upper  
112 100  
64 66.8 53.7 80.5  
63 39.2 33.9 50.9

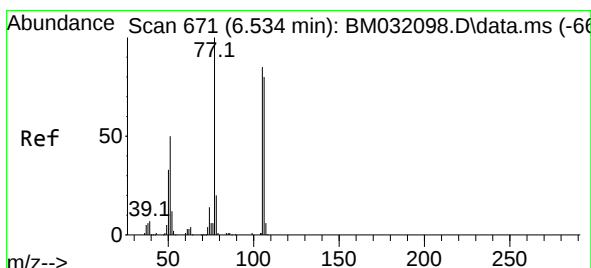
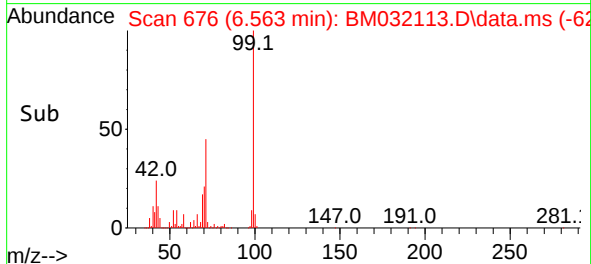
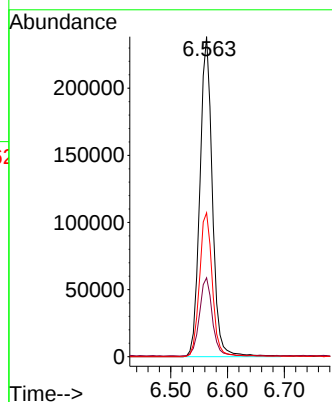
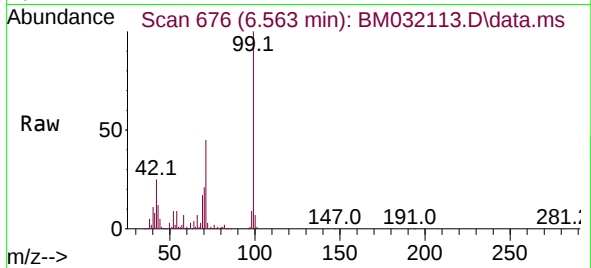




#7  
Phenol-d6  
Concen: 79.535 ng  
RT: 6.563 min Scan# 676  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

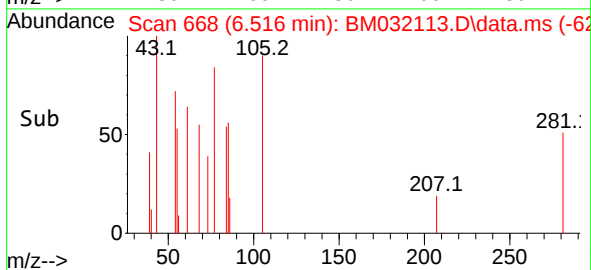
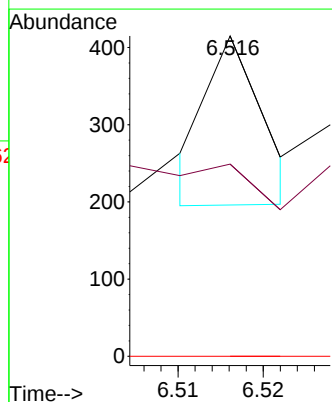
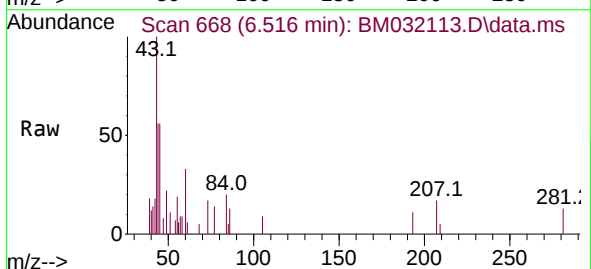
Instrument :  
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ClientSampleId :  
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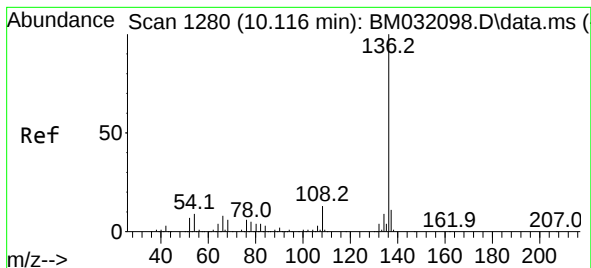
Tgt Ion: 99 Resp: 364819  
Ion Ratio Lower Upper  
99 100  
42 24.6 23.0 34.6  
71 44.9 37.8 56.8



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.516 min Scan# 668  
Delta R.T. -0.018 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion: 77 Resp: 99  
Ion Ratio Lower Upper  
77 100  
105 60.0 68.9 108.9#  
106 0.0 61.2 101.2#

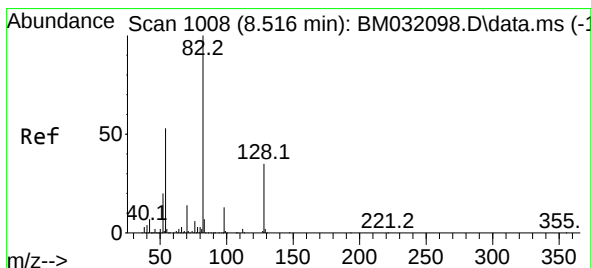
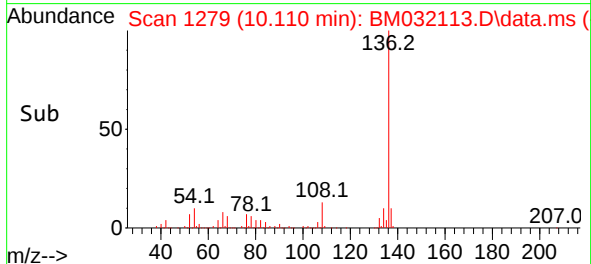
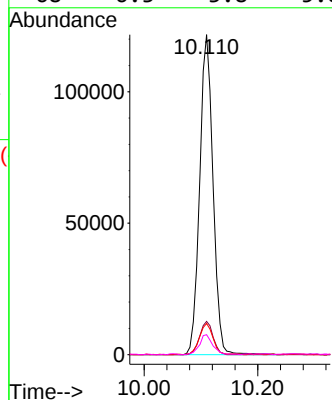
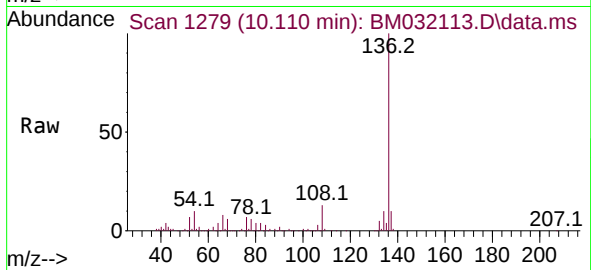




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.110 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

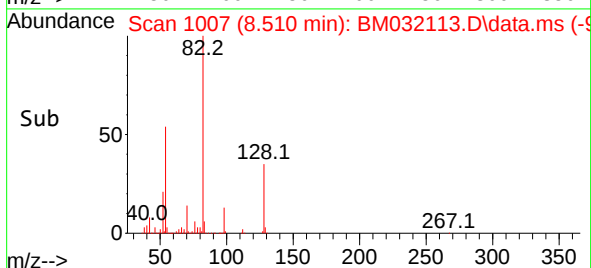
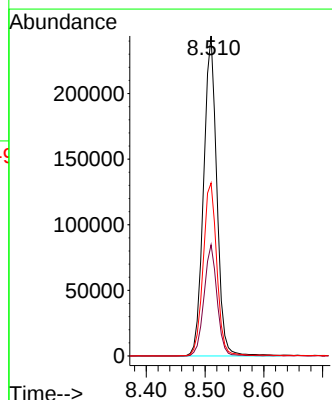
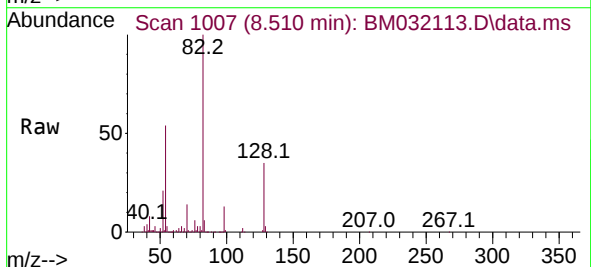
Instrument :  
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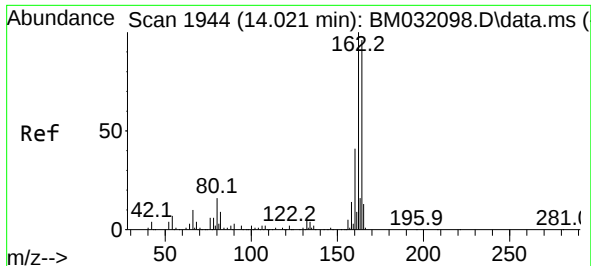
Tgt Ion:136 Resp: 198797  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.7 13.1  
54 9.7 7.4 11.0  
68 6.3 3.8 5.8#



#23  
Nitrobenzene-d5  
Concen: 85.875 ng  
RT: 8.510 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion: 82 Resp: 383061  
Ion Ratio Lower Upper  
82 100  
128 34.8 29.0 43.6  
54 54.0 45.8 68.8

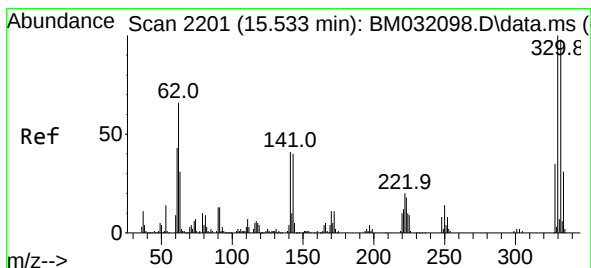
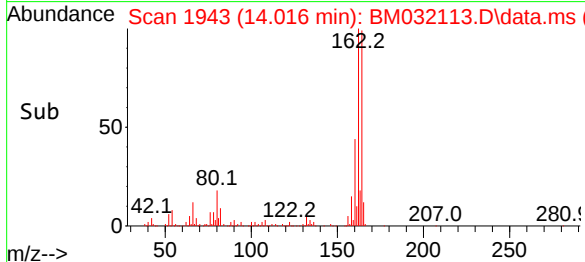
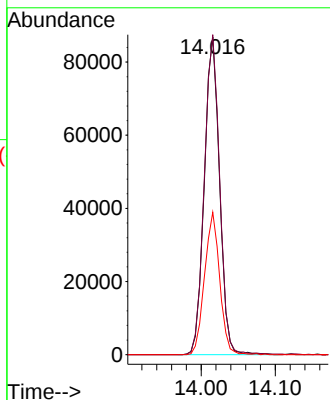
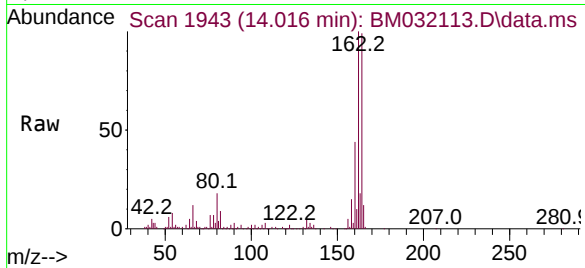




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.016 min Scan# 1943  
Delta R.T. -0.005 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

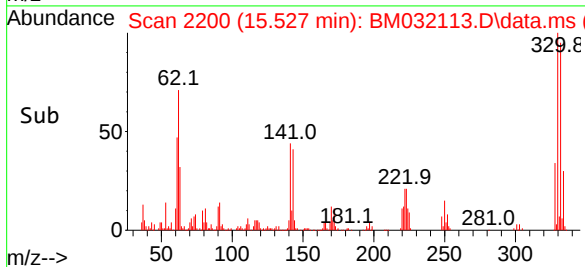
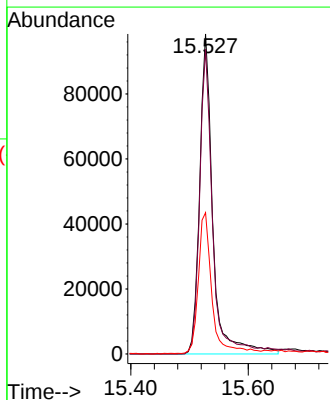
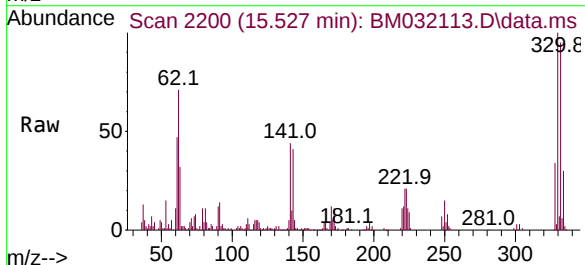
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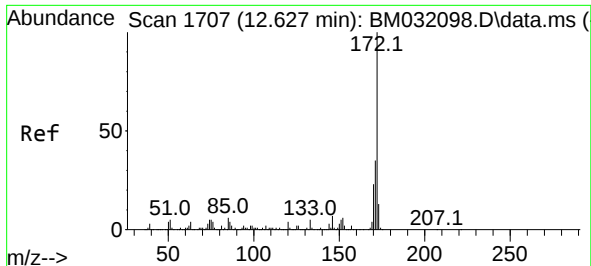
Tgt Ion:164 Resp: 124285  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.6 121.0  
160 44.8 35.1 52.7



#42  
2,4,6-Tribromophenol  
Concen: 154.641 ng  
RT: 15.527 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion:330 Resp: 152742  
Ion Ratio Lower Upper  
330 100  
332 92.3 75.7 113.5  
141 45.3 50.7 76.1#

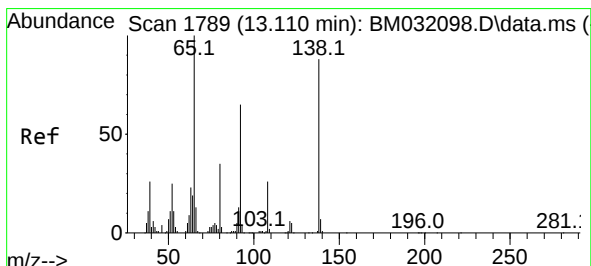
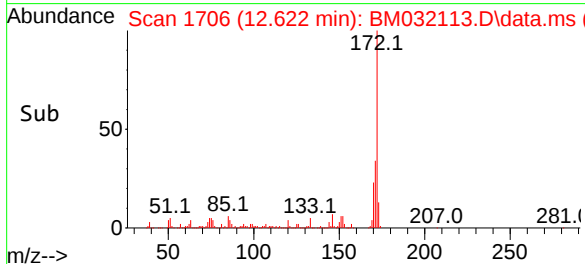
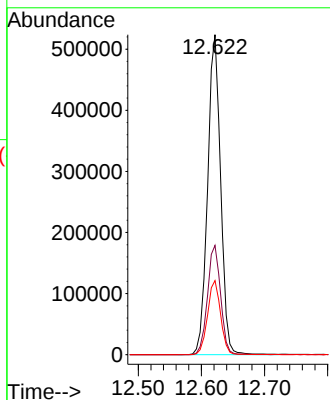
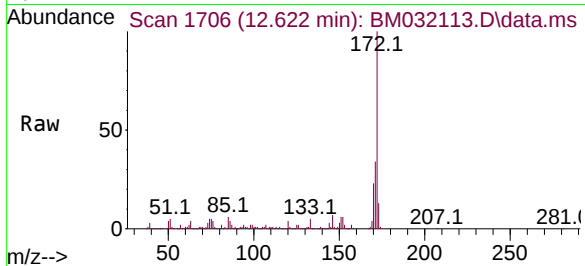




#45  
2-Fluorobiphenyl  
Concen: 79.039 ng  
RT: 12.622 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

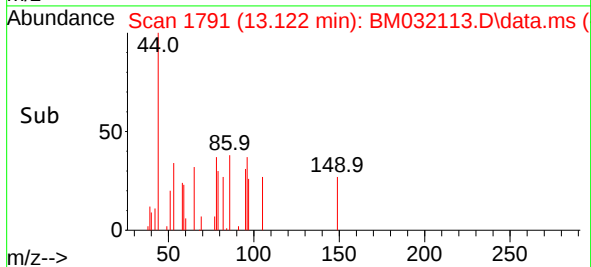
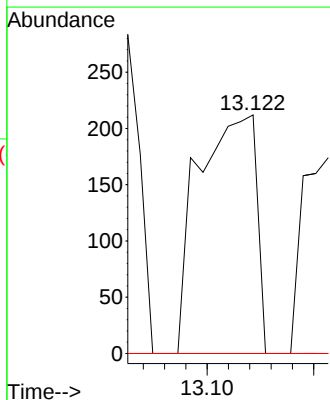
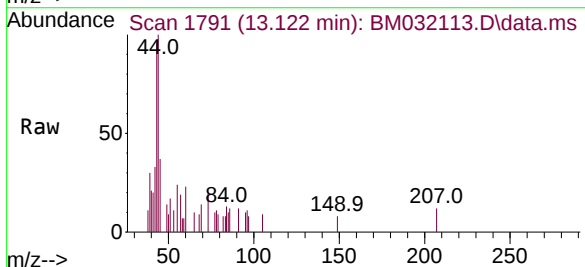
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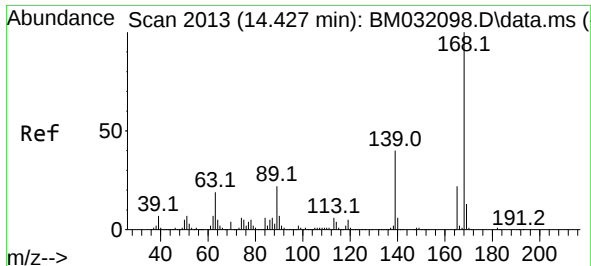
Tgt Ion:172 Resp: 749206  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.1 42.1  
170 23.1 18.6 27.8



#48  
2-Nitroaniline  
Concen: 3.742 ng  
RT: 13.122 min Scan# 1791  
Delta R.T. 0.012 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion: 65 Resp: 401  
Ion Ratio Lower Upper  
65 100  
92 0.0 51.2 76.8#  
138 0.0 66.8 100.2#

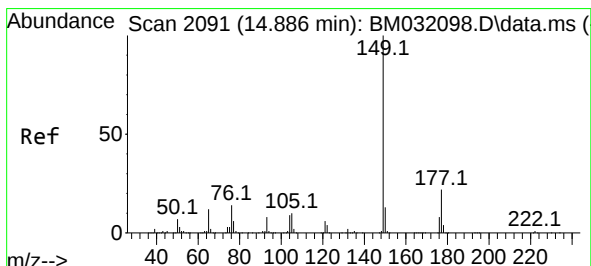
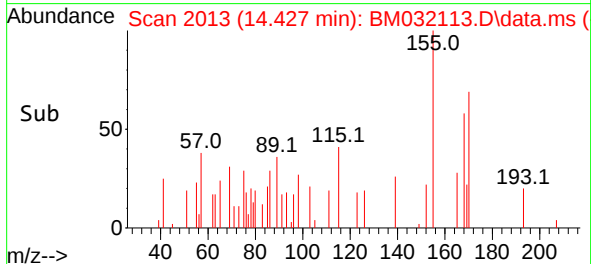
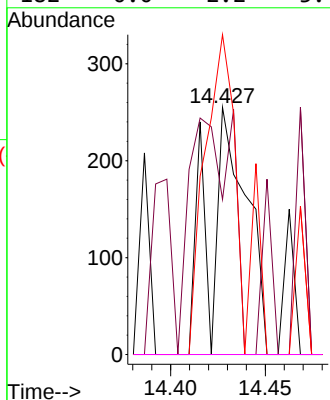
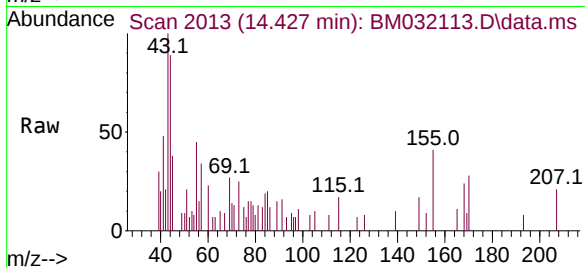




#57  
2,4-Dinitrotoluene  
Concen: 3.939 ng  
RT: 14.427 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

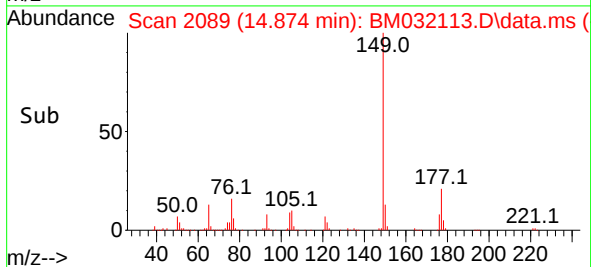
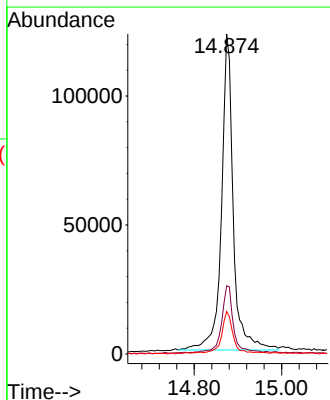
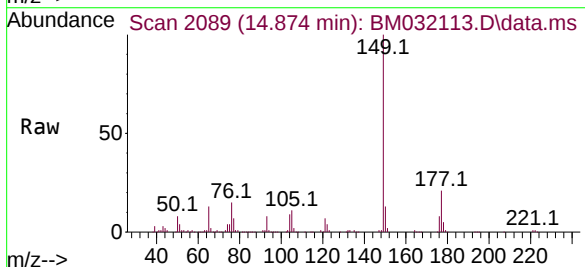
Instrument :  
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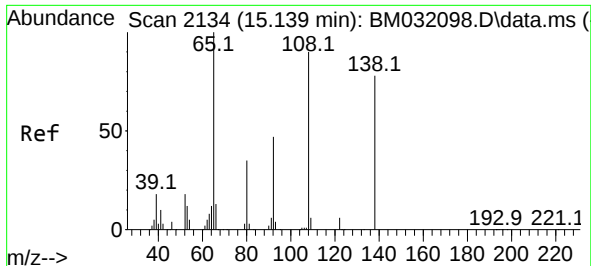
Tgt Ion:165 Resp: 351  
Ion Ratio Lower Upper  
165 100  
63 62.7 70.3 105.5#  
89 129.4 83.1 124.7#  
182 0.0 2.2 3.4#



#60  
Diethylphthalate  
Concen: 26.052 ng  
RT: 14.874 min Scan# 2089  
Delta R.T. -0.012 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion:149 Resp: 228284  
Ion Ratio Lower Upper  
149 100  
177 21.3 15.7 23.5  
150 13.2 9.6 14.4

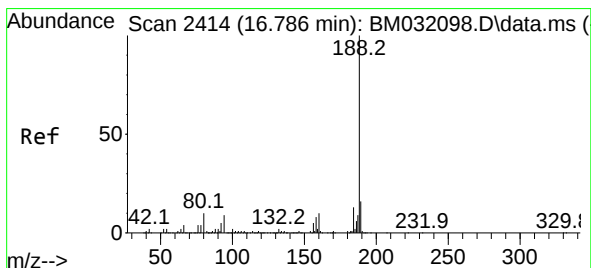
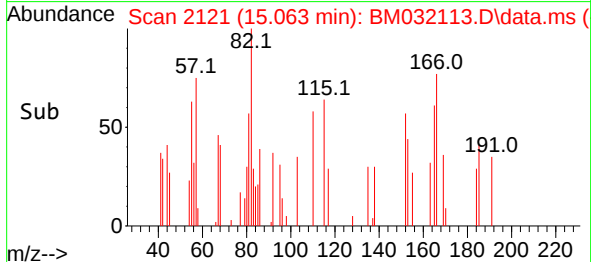
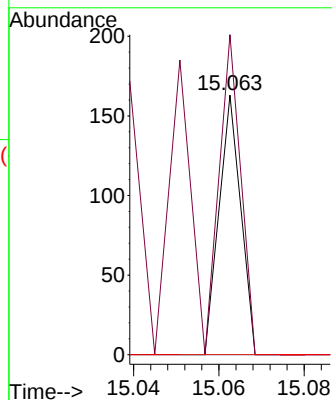
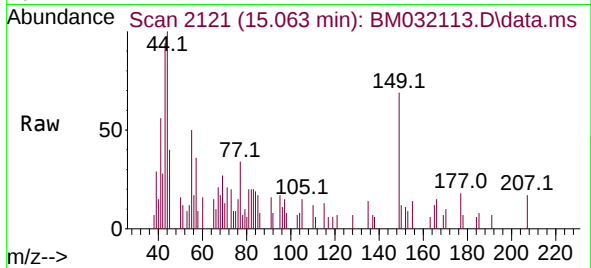




#62  
4-Nitroaniline  
Concen: 3.731 ng  
RT: 15.063 min Scan# 2121  
Delta R.T. -0.076 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

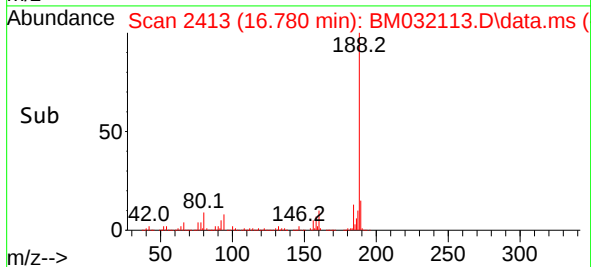
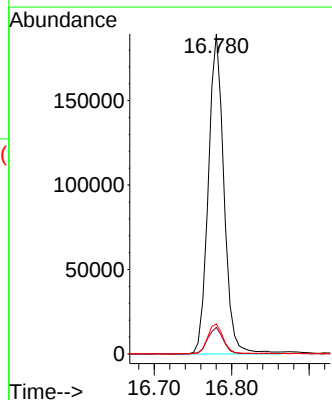
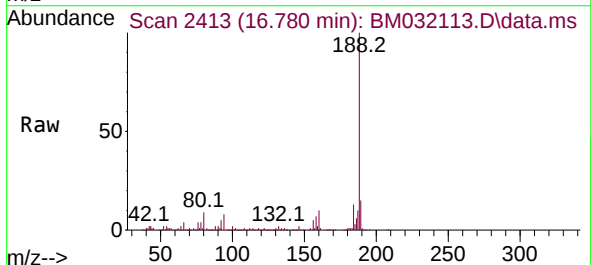
Instrument :  
BNA\_M  
ClientSampleId :  
CON-GROWS

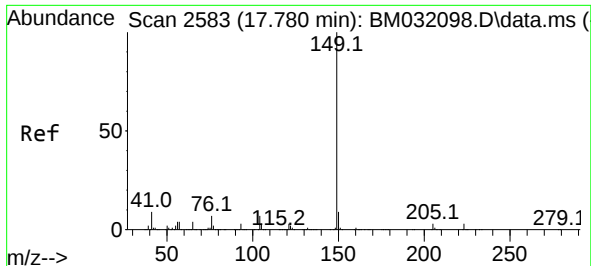
Tgt Ion:138 Resp: 57  
Ion Ratio Lower Upper  
138 100  
92 123.3 40.6 80.6#  
108 0.0 103.8 143.8#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.780 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion:188 Resp: 265028  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.3 9.5  
80 9.3 7.3 10.9

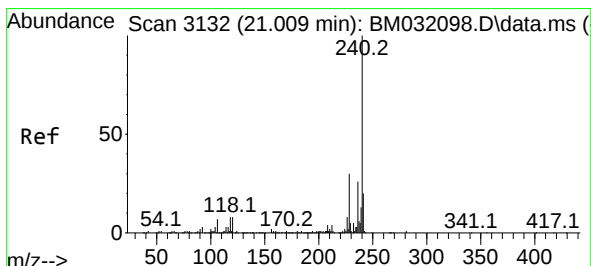
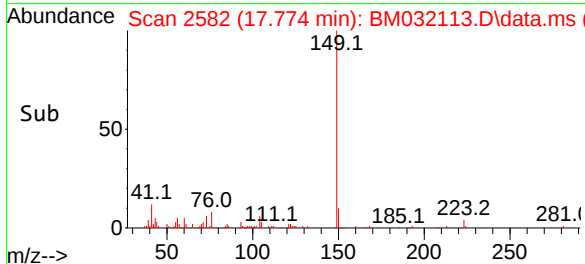
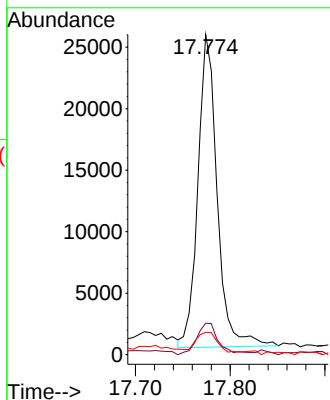
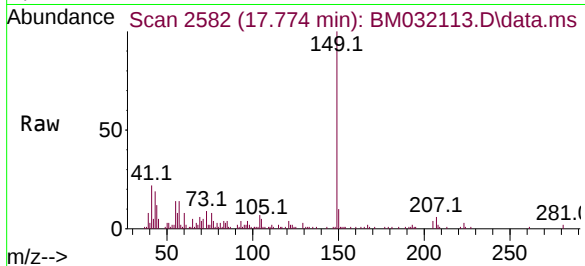




#74  
Di-n-butylphthalate  
Concen: 2.551 ng  
RT: 17.774 min Scan# 2582  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

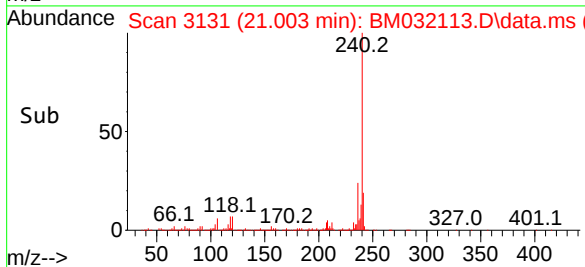
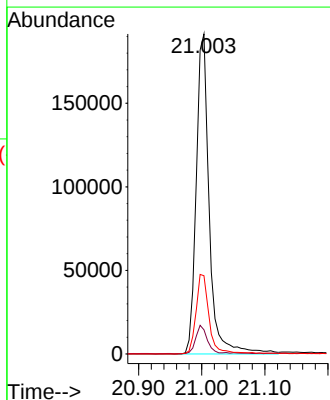
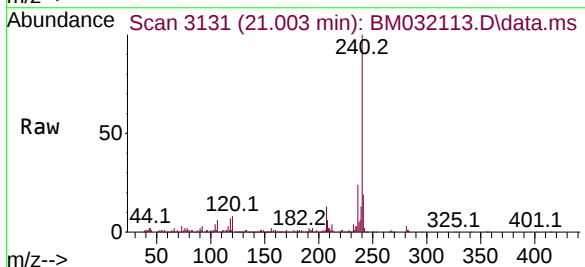
Instrument :  
BNA\_M  
ClientSampleId :  
CON-GROWS

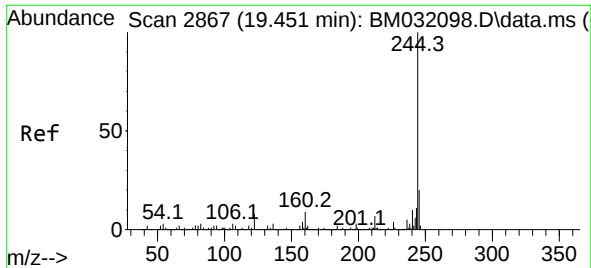
Tgt Ion:149 Resp: 36091  
Ion Ratio Lower Upper  
149 100  
150 9.8 7.3 10.9  
104 7.0 5.6 8.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.003 min Scan# 3131  
Delta R.T. -0.006 min  
Lab File: BM032113.D  
Acq: 09 Sep 2021 17:17

Tgt Ion:240 Resp: 273652  
Ion Ratio Lower Upper  
240 100  
120 7.5 7.8 11.6#  
236 24.4 20.9 31.3

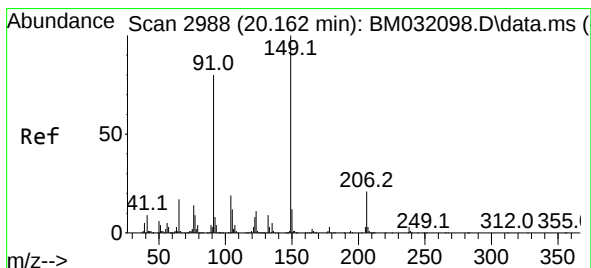
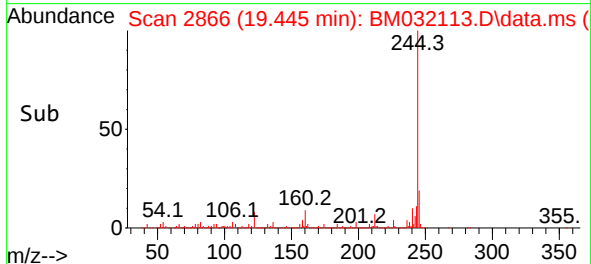
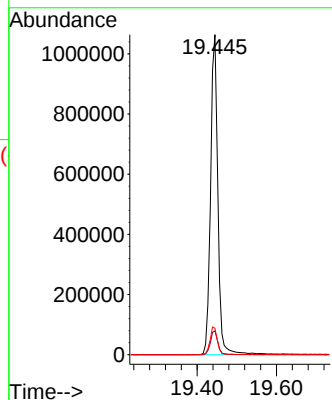
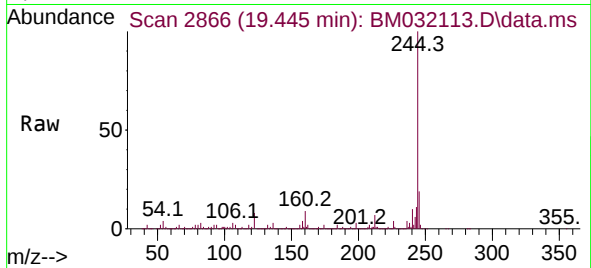




#79  
 Terphenyl-d14  
 Concen: 81.182 ng  
 RT: 19.445 min Scan# 2866  
 Delta R.T. -0.006 min  
 Lab File: BM032113.D  
 Acq: 09 Sep 2021 17:17

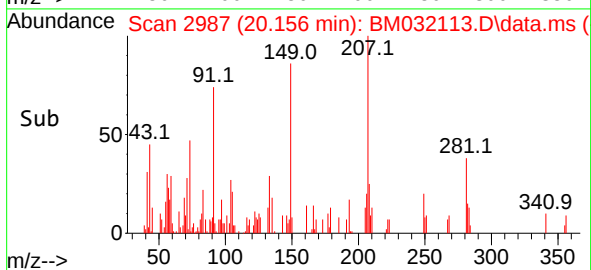
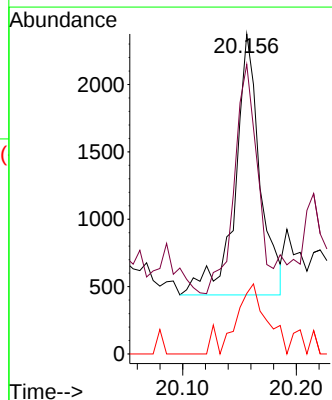
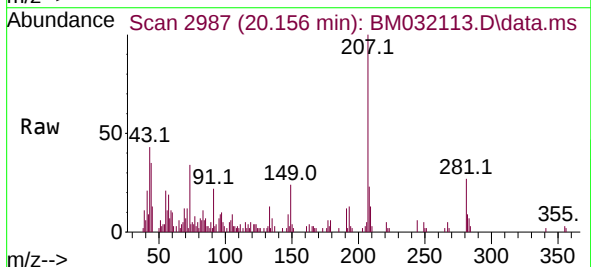
Instrument :  
 BNA\_M  
 ClientSampleId :  
 CON-GROWS

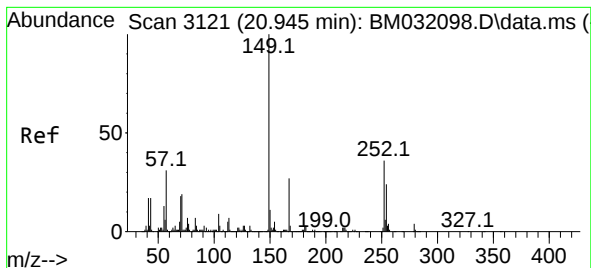
Tgt Ion:244 Resp: 1361582  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.5 9.7  
 122 8.2 8.7 13.1#



#80  
 Butylbenzylphthalate  
 Concen: 4.098 ng  
 RT: 20.156 min Scan# 2987  
 Delta R.T. -0.006 min  
 Lab File: BM032113.D  
 Acq: 09 Sep 2021 17:17

Tgt Ion:149 Resp: 2932  
 Ion Ratio Lower Upper  
 149 100  
 91 90.5 64.0 96.0  
 206 18.9 14.4 21.6

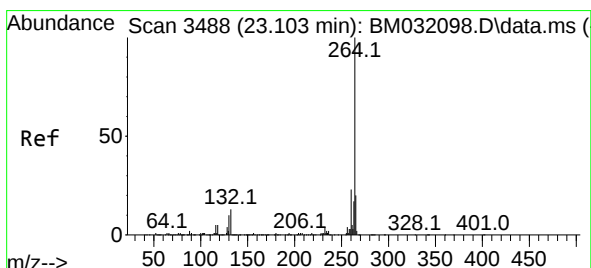
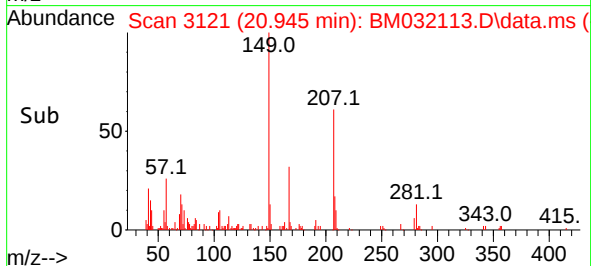
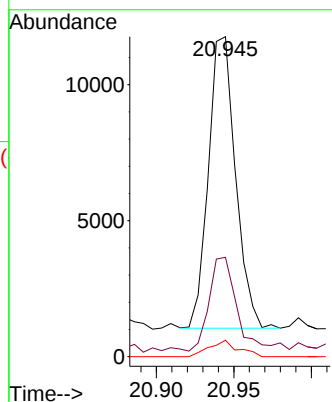
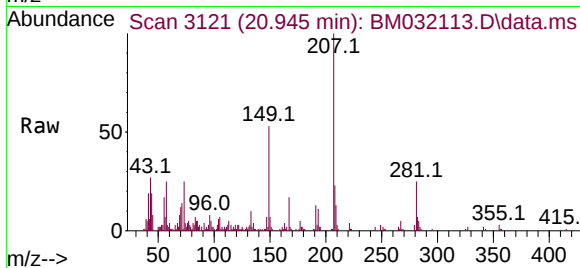




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.088 ng  
 RT: 20.945 min Scan# 3121  
 Delta R.T. -0.000 min  
 Lab File: BM032113.D  
 Acq: 09 Sep 2021 17:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CON-GROWS

Tgt Ion:149 Resp: 13041  
 Ion Ratio Lower Upper  
 149 100  
 167 31.0 19.7 29.5#  
 279 5.2 2.6 4.0#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.092 min Scan# 3486  
 Delta R.T. -0.012 min  
 Lab File: BM032113.D  
 Acq: 09 Sep 2021 17:17

Tgt Ion:264 Resp: 295816  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.3 28.9  
 265 22.8 18.3 27.5

