

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092021\  
 Data File : BP007064.D  
 Acq On : 20 Sep 2021 23:07  
 Operator : CG/JU  
 Sample : M3817-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SW-CB-04-(1.5)

Quant Time: Sep 21 01:04:24 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 17 10:50:16 2021  
 Response via : Initial Calibration

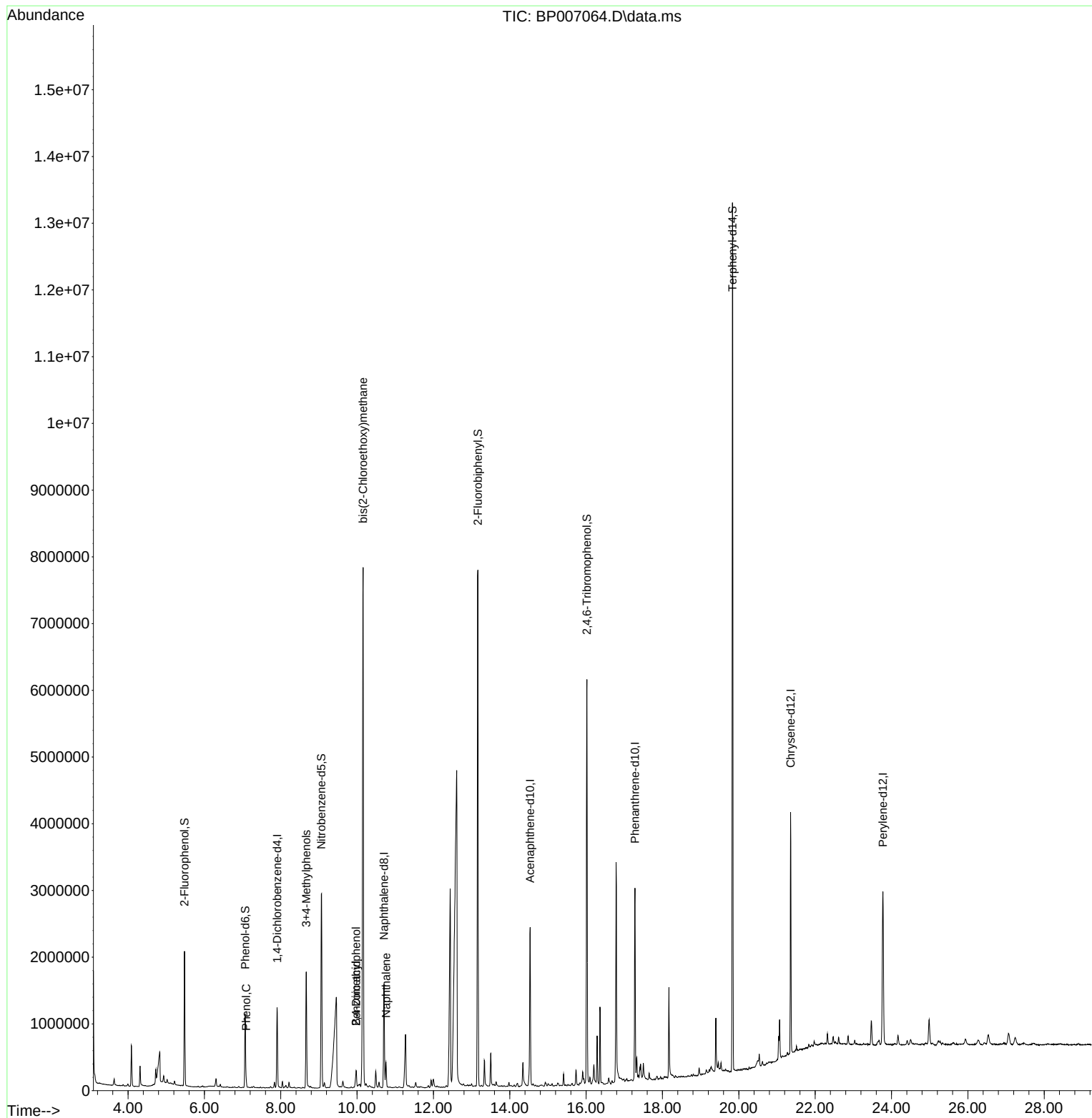
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 340229   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.705 | 136  | 1316713  | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.534 | 164  | 819040   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.281 | 188  | 1709042  | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.357 | 240  | 1713024  | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12              | 23.774 | 264  | 1780048  | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 929512   | 44.612    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.069  | 99   | 674147   | 23.705    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.063  | 82   | 1742982  | 74.347    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.022 | 330  | 1239123  | 125.801   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 4222694  | 71.174    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.833 | 244  | 6300335  | 70.565    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.058  | 77   | 3209     | Below Cal | #     | 50       |
| 10) Phenol                    | 7.093  | 94   | 62351    | 2.175     | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.669  | 107  | 831641   | 33.365    | ng    | 86       |
| 27) 2,4-Dimethylphenol        | 9.975  | 122  | 114633   | 6.143     | ng    | # 3      |
| 28) bis(2-Chloroethoxy)met... | 10.158 | 93   | 84412    | 3.210     | ng    | # 1      |
| 31) Naphthalene               | 10.757 | 128  | 293704   | 4.026     | ng    | 99       |
| 32) Benzoic acid              | 9.975  | 122  | 114633   | 13.300    | ng    | 94       |
| -----                         |        |      |          |           |       |          |

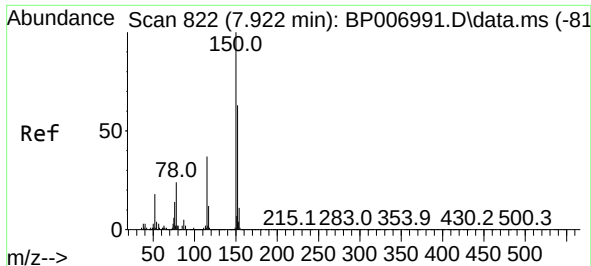
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092021\  
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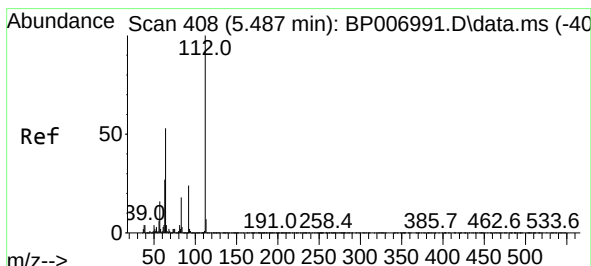
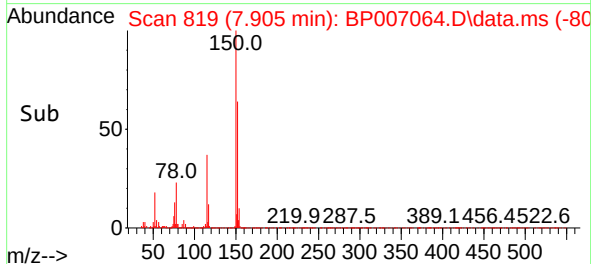
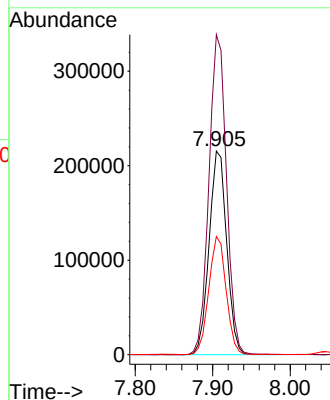
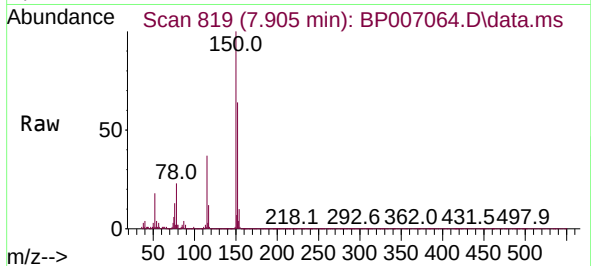




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

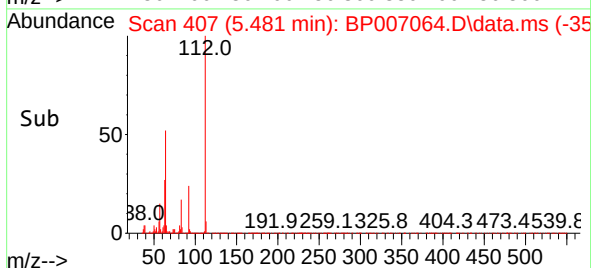
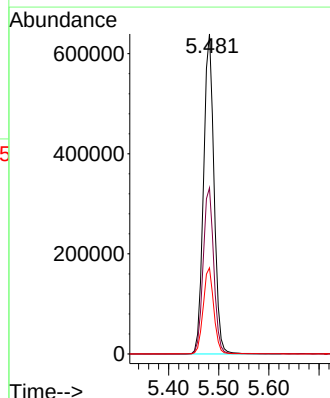
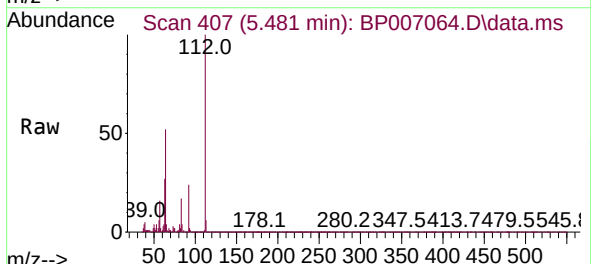
Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

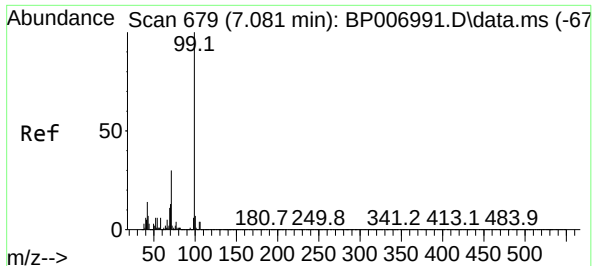
Tgt Ion:152 Resp: 340229  
Ion Ratio Lower Upper  
152 100  
150 157.1 125.6 188.4  
115 58.1 48.5 72.7



#5  
2-Fluorophenol  
Concen: 44.612 ng  
RT: 5.481 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion:112 Resp: 929512  
Ion Ratio Lower Upper  
112 100  
64 51.9 41.4 62.2  
63 26.9 23.8 35.8

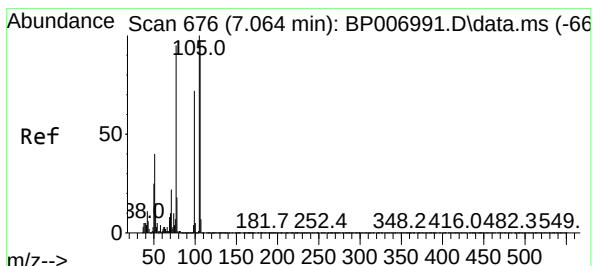
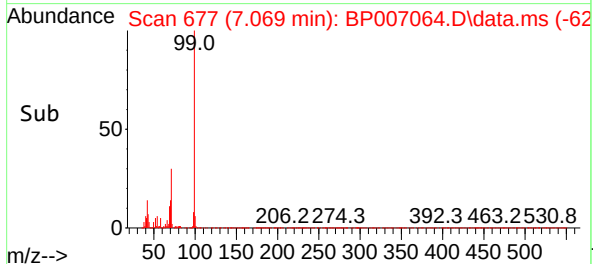
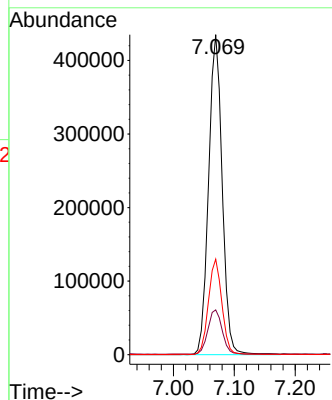
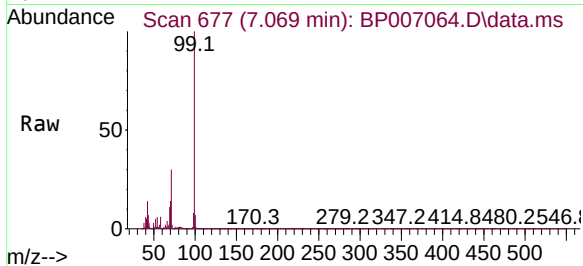




#7  
Phenol-d6  
Concen: 23.705 ng  
RT: 7.069 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

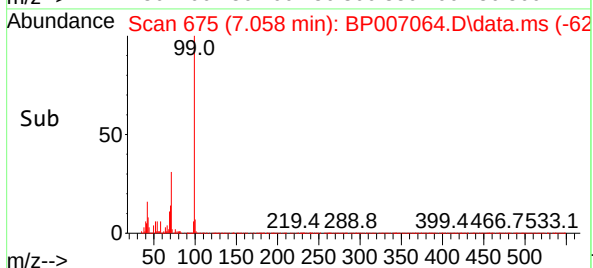
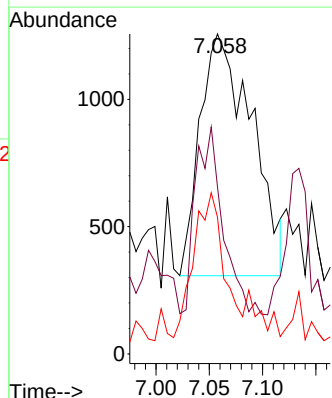
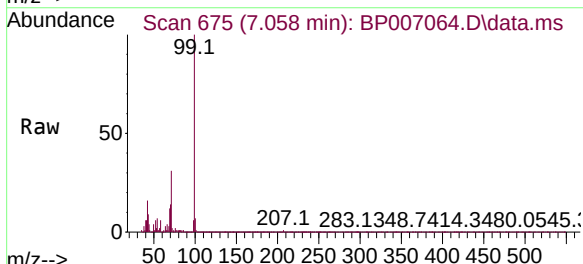
Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

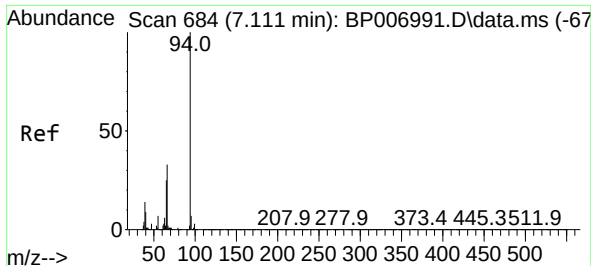
Tgt Ion: 99 Resp: 674147  
Ion Ratio Lower Upper  
99 100  
42 14.0 13.4 20.0  
71 29.9 30.6 46.0#



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.058 min Scan# 675  
Delta R.T. 0.012 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion: 77 Resp: 3209  
Ion Ratio Lower Upper  
77 100  
105 52.2 76.7 116.7#  
106 42.7 76.2 116.2#

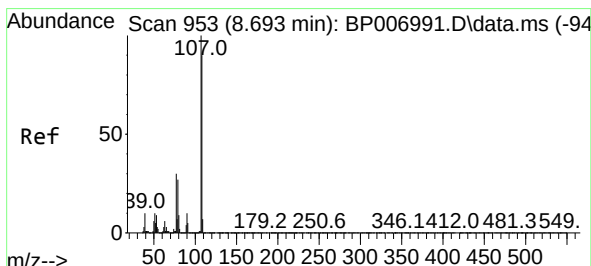
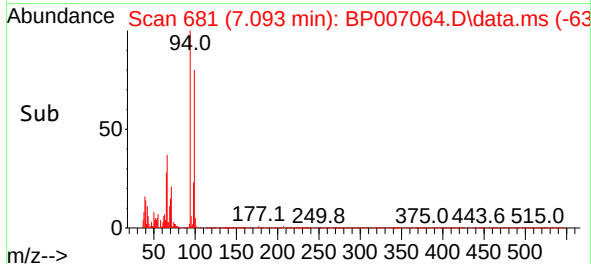
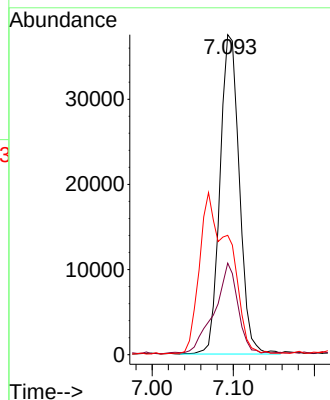
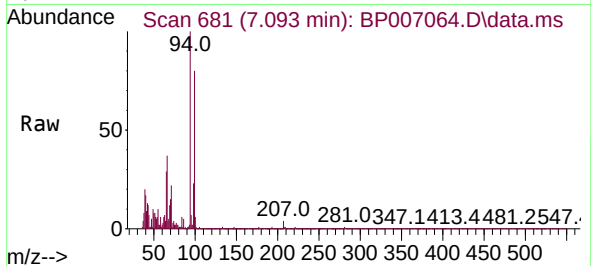




#10  
Phenol  
Concen: 2.175 ng  
RT: 7.093 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

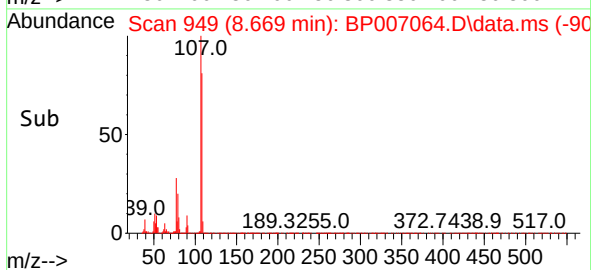
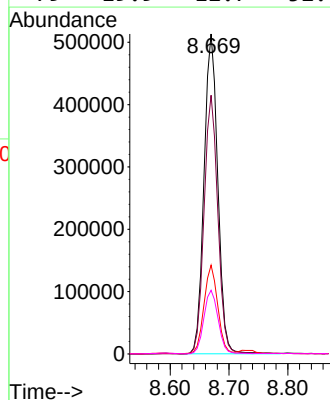
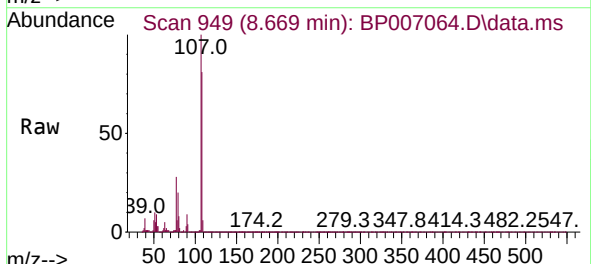
Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

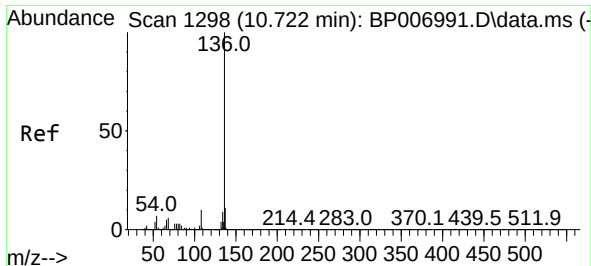
Tgt Ion: 94 Resp: 62351  
Ion Ratio Lower Upper  
94 100  
65 28.6 8.8 48.8  
66 37.3 20.7 60.7



#20  
3+4-Methylphenols  
Concen: 33.365 ng  
RT: 8.669 min Scan# 949  
Delta R.T. -0.012 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion:107 Resp: 831641  
Ion Ratio Lower Upper  
107 100  
108 80.9 71.0 111.0  
77 27.8 16.6 56.6  
79 19.9 12.7 52.7



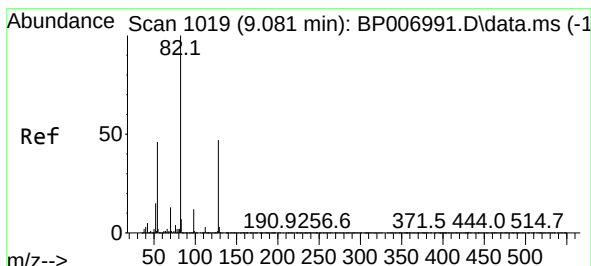
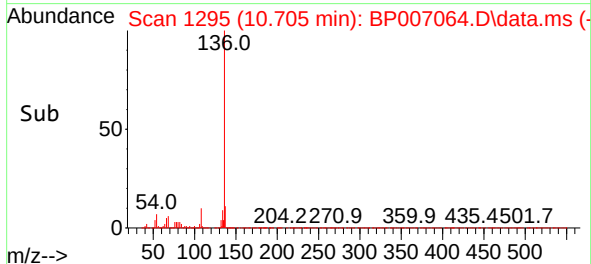
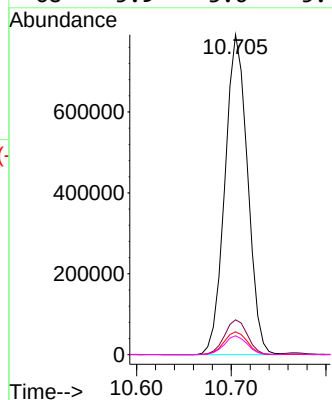
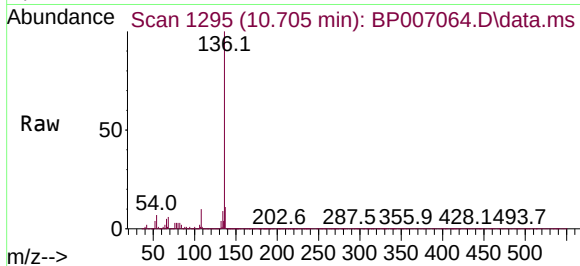


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.705 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

Tgt Ion:136 Resp: 1316713

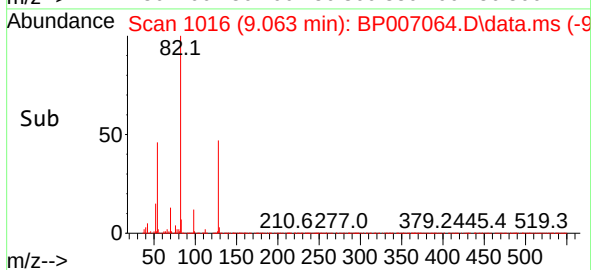
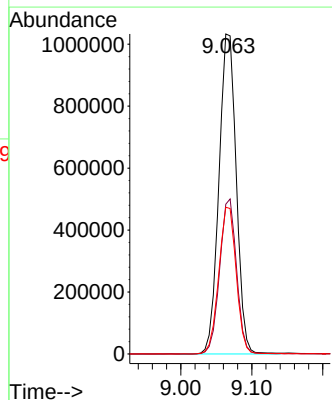
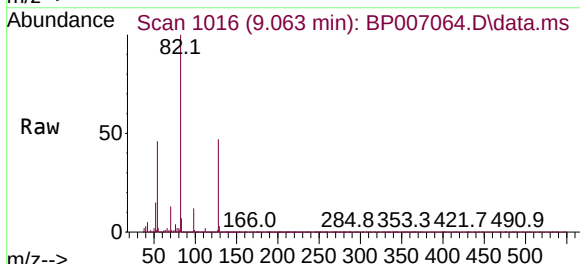
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 7.1   | 4.6   | 6.8#  |
| 68  | 5.9   | 3.6   | 5.4#  |

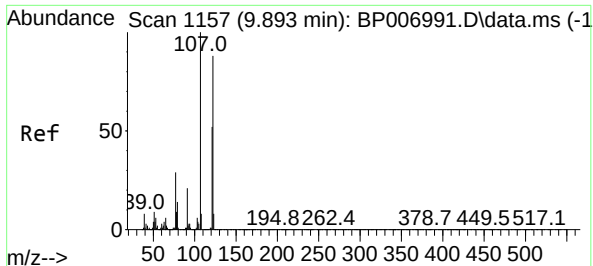


#23  
Nitrobenzene-d5  
Concen: 74.347 ng  
RT: 9.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion: 82 Resp: 1742982

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.8  | 35.7  | 53.5  |
| 54  | 45.8  | 35.0  | 52.4  |

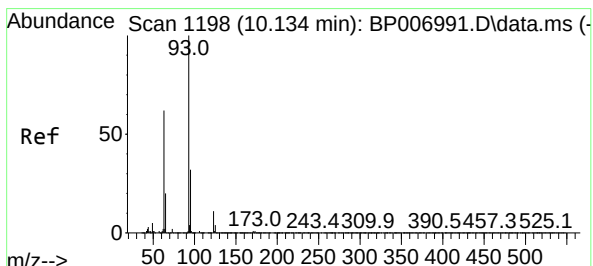
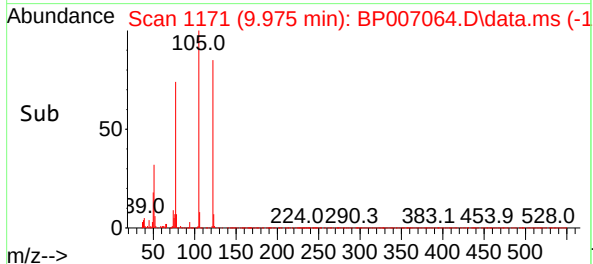
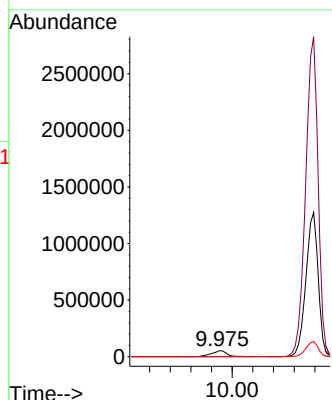
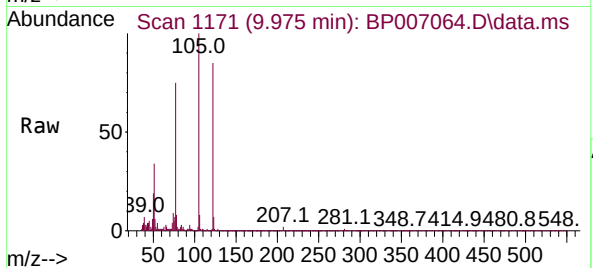




#27  
2,4-Dimethylphenol  
Concen: 6.143 ng  
RT: 9.975 min Scan# 1171  
Delta R.T. 0.094 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

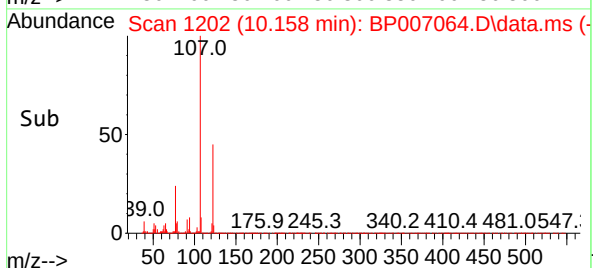
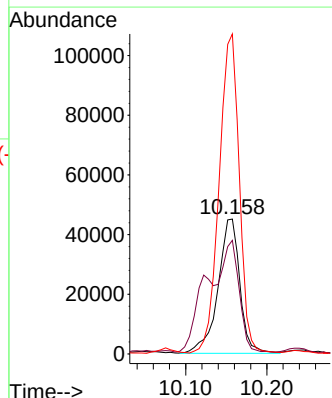
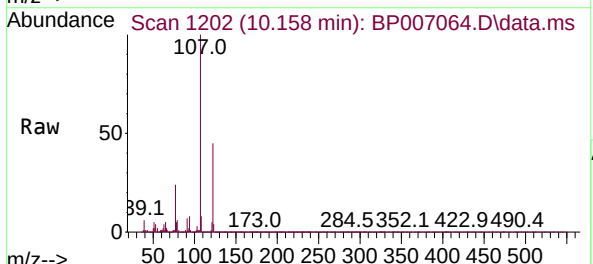
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BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

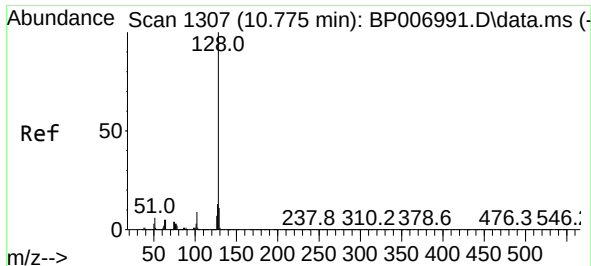
Tgt Ion:122 Resp: 114633  
Ion Ratio Lower Upper  
122 100  
107 1.0 94.5 141.7#  
121 1.1 47.4 71.2#



#28  
bis(2-Chloroethoxy)methane  
Concen: 3.210 ng  
RT: 10.158 min Scan# 1202  
Delta R.T. 0.035 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion: 93 Resp: 84412  
Ion Ratio Lower Upper  
93 100  
95 84.2 25.9 38.9#  
123 237.3 10.2 15.2#

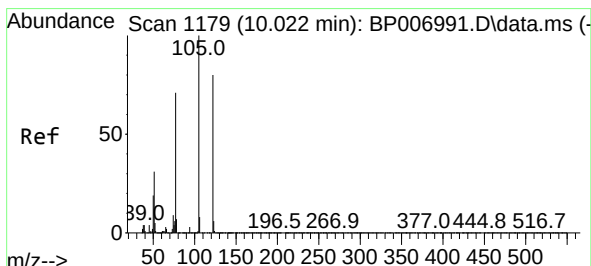
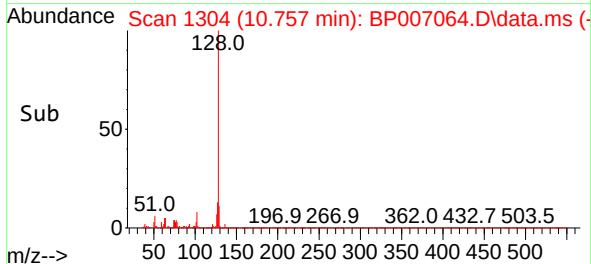
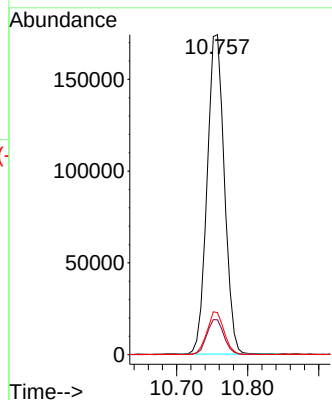
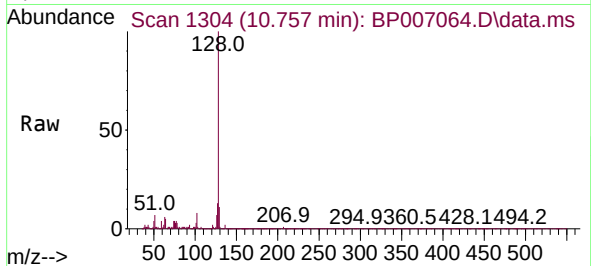




#31  
Naphthalene  
Concen: 4.026 ng  
RT: 10.757 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

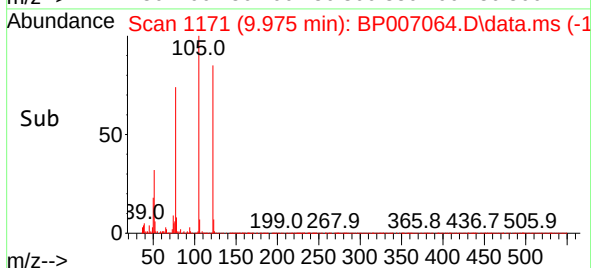
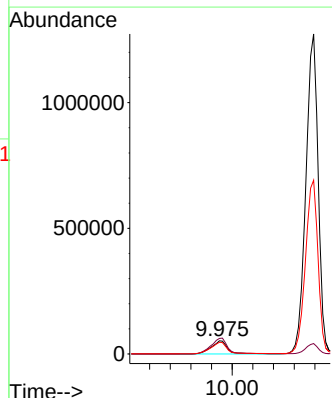
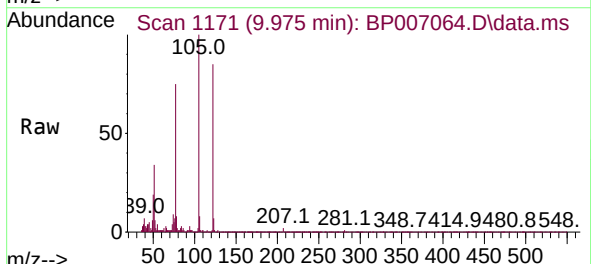
Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

Tgt Ion:128 Resp: 293704  
Ion Ratio Lower Upper  
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129 10.9 9.0 13.6  
127 13.2 10.7 16.1

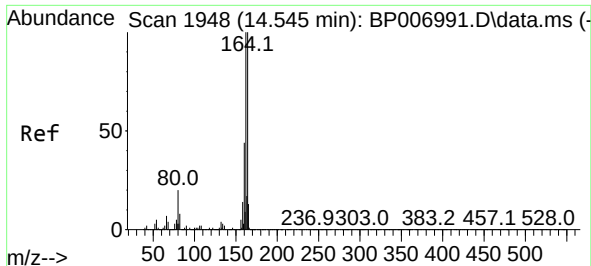


#32  
Benzoic acid  
Concen: 13.300 ng  
RT: 9.975 min Scan# 1171  
Delta R.T. -0.035 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion:122 Resp: 114633  
Ion Ratio Lower Upper  
122 100  
105 118.2 103.2 143.2  
77 88.4 76.2 116.2



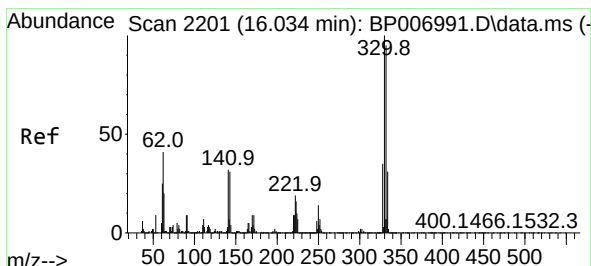
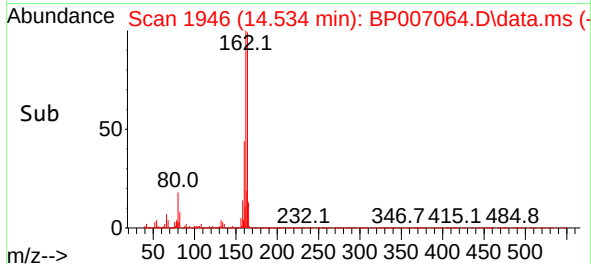
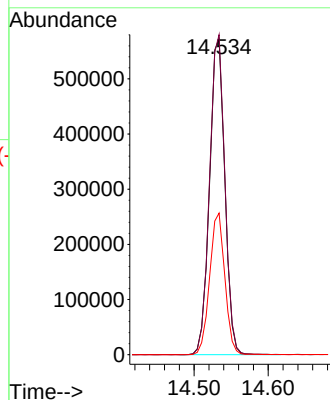
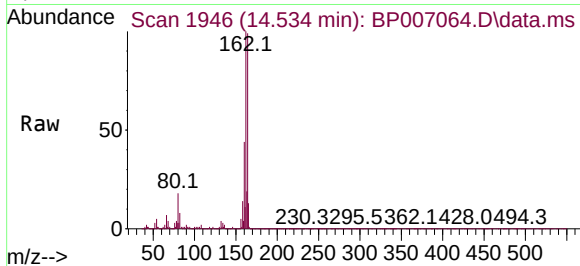




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

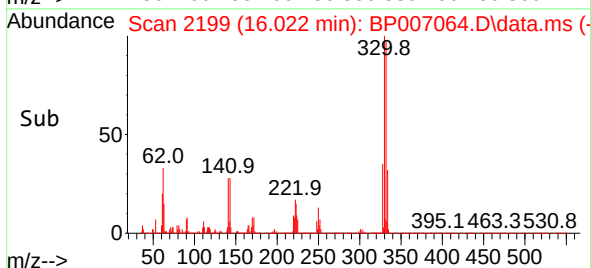
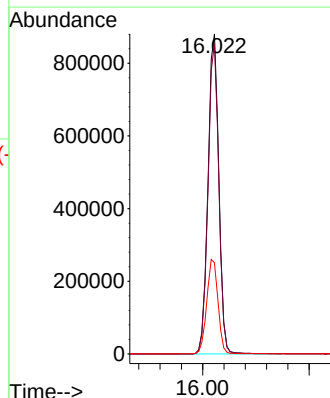
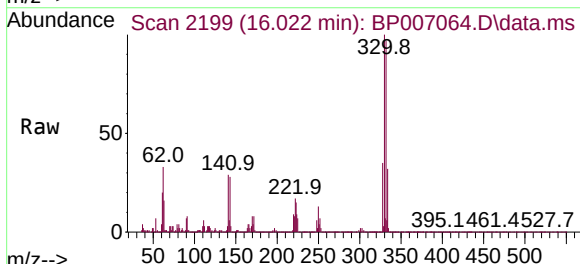
Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

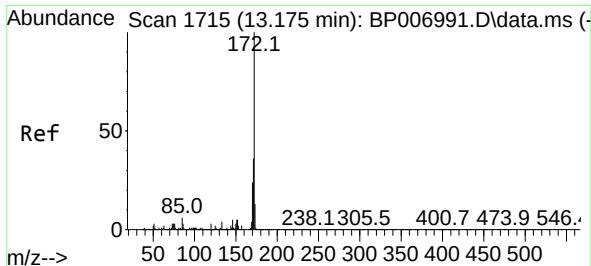
Tgt Ion:164 Resp: 819040  
Ion Ratio Lower Upper  
164 100  
162 101.3 80.2 120.2  
160 44.8 34.5 51.7



#42  
2,4,6-Tribromophenol  
Concen: 125.801 ng  
RT: 16.022 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion:330 Resp: 1239123  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.8 116.8  
141 30.6 25.4 38.2

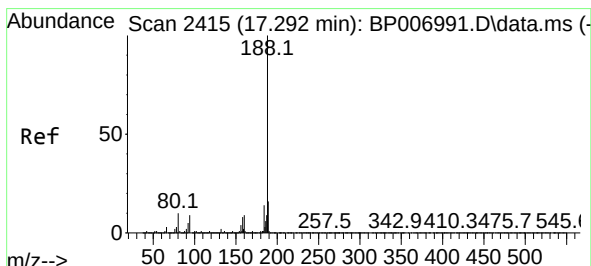
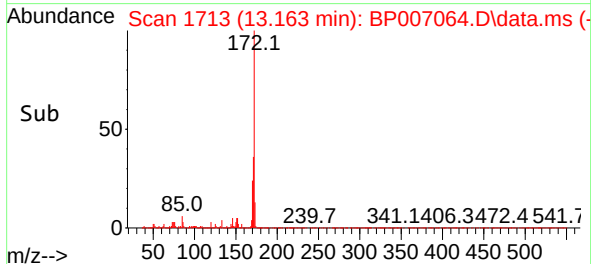
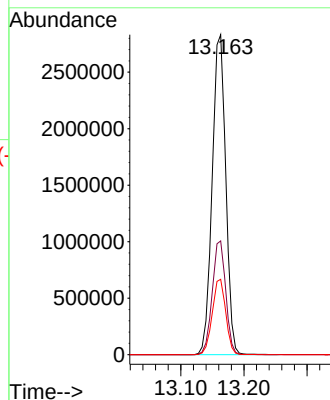
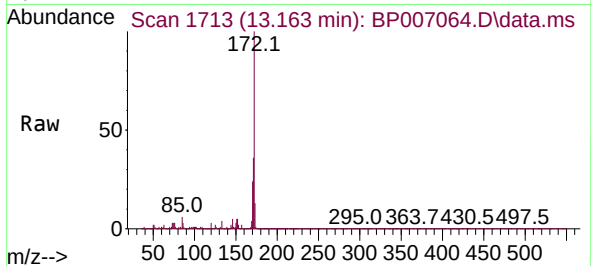




#45  
2-Fluorobiphenyl  
Concen: 71.174 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

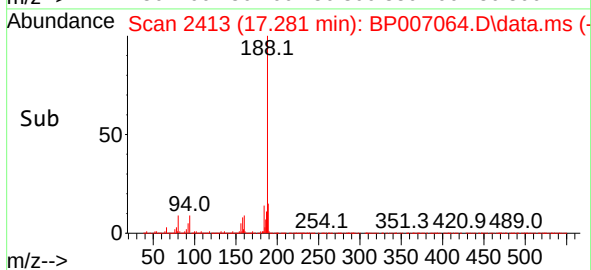
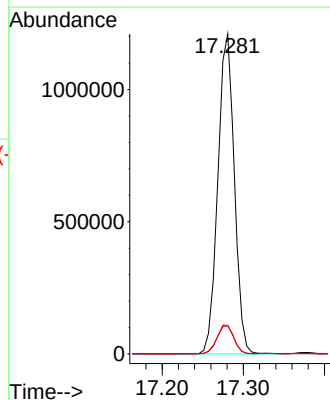
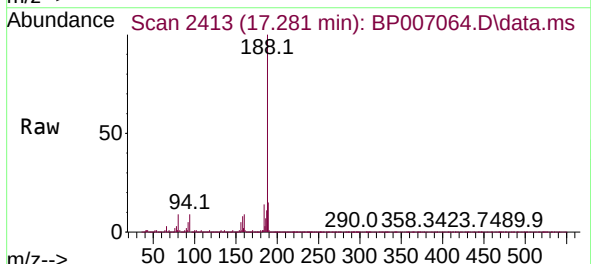
Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

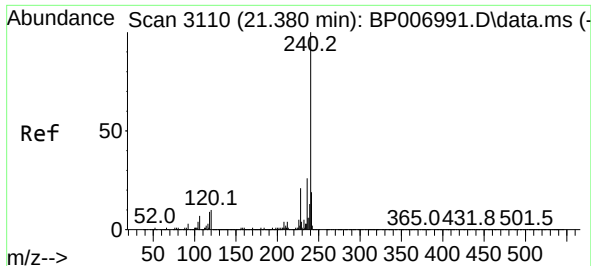
Tgt Ion:172 Resp: 4222694  
Ion Ratio Lower Upper  
172 100  
171 35.6 27.9 41.9  
170 23.5 18.6 27.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.281 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Tgt Ion:188 Resp: 1709042  
Ion Ratio Lower Upper  
188 100  
94 8.8 5.6 8.4#  
80 9.0 6.3 9.5

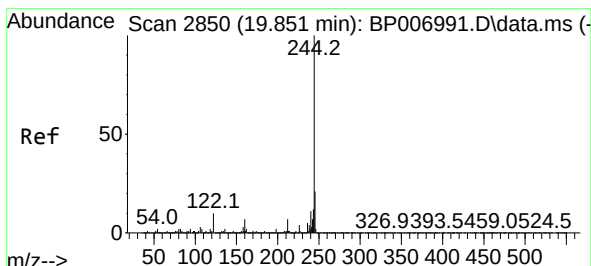
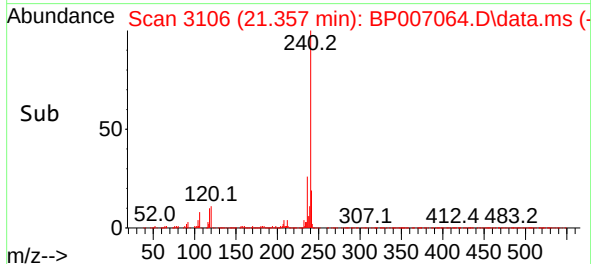
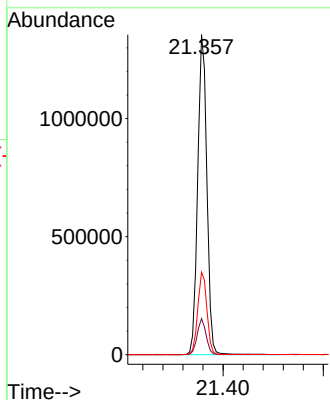
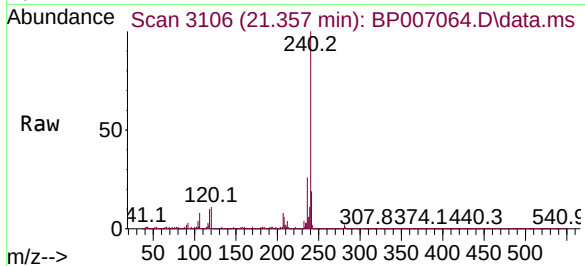




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.357 min Scan# 3106  
Delta R.T. -0.012 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

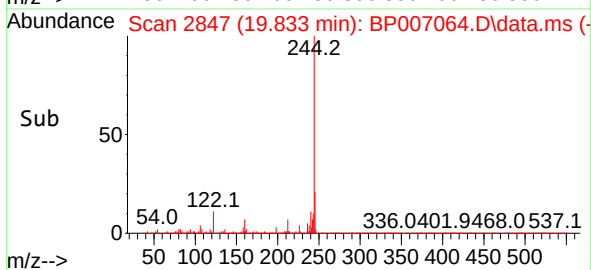
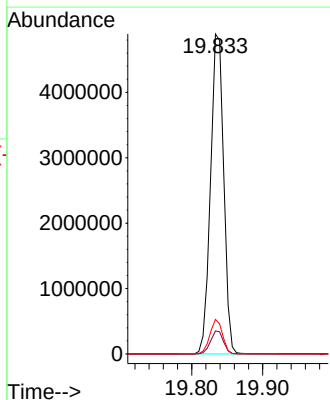
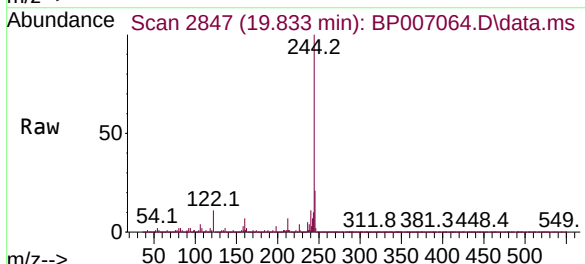
Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)

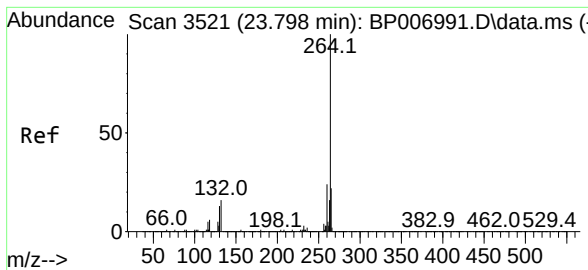
Tgt Ion:240 Resp: 1713024  
Ion Ratio Lower Upper  
240 100  
120 11.3 6.5 9.7#  
236 25.8 20.6 31.0



#79  
Terphenyl-d14  
Concen: 70.565 ng  
RT: 19.833 min Scan# 2847  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

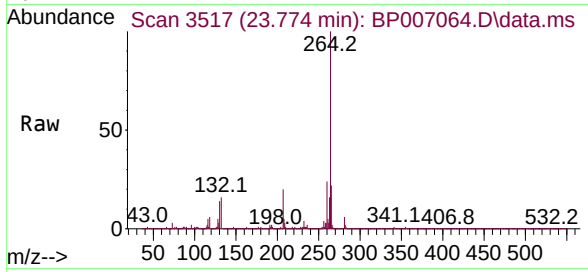
Tgt Ion:244 Resp: 6300335  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.0 9.0  
122 10.8 7.1 10.7#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.774 min Scan# 3517  
Delta R.T. -0.006 min  
Lab File: BP007064.D  
Acq: 20 Sep 2021 23:07

Instrument :  
BNA\_P  
ClientSampleId :  
SW-CB-04-(1.5)



Tgt Ion:264 Resp: 1780048  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 18.6  | 28.0  |
| 265 | 22.0  | 17.6  | 26.4  |

