

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040521\  
 Data File : BP005175.D  
 Acq On : 05 Apr 2021 13:07  
 Operator : CG/JU  
 Sample : M1883-03DL2 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 V-211DL

Quant Time: Apr 05 13:47:59 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 01 12:23:57 2021  
 Response via : Initial Calibration

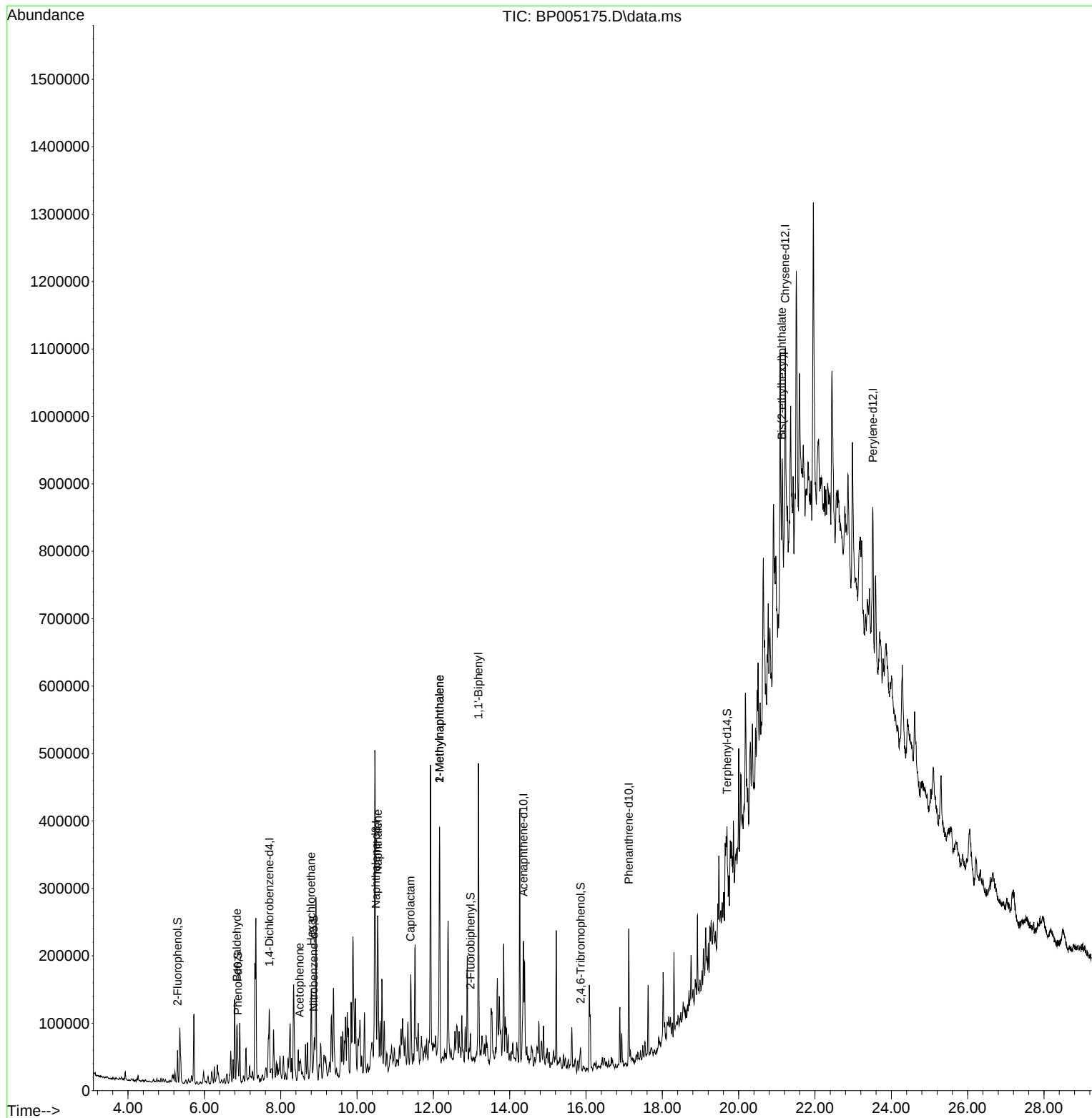
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.704  | 152  | 27773    | 20.00 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.492 | 136  | 99252    | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.357 | 164  | 56006    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.121 | 188  | 110163   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.221 | 240  | 127805   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.515 | 264  | 140636   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.299  | 112  | 13756    | 7.62  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.881  | 99   | 17888    | 6.92  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.863  | 82   | 13020    | 5.63  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.857 | 330  | 5043     | 6.91  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.975 | 172  | 21567    | 5.21  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.698 | 244  | 32328    | 4.60  | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 9) Benzaldehyde               | 6.851  | 77   | 4363     | 3.31  | ng    | # 1      |
| 18) Hexachloroethane          | 8.798  | 117  | 12263    | 14.99 | ng    | # 1      |
| 22) Acetophenone              | 8.498  | 105  | 17715    | 6.21  | ng    | # 62     |
| 31) Naphthalene               | 10.545 | 128  | 114189   | 20.37 | ng    | 99       |
| 35) Caprolactam               | 11.404 | 113  | 1566     | 2.81  | ng    | # 1      |
| 37) 2-Methylnaphthalene       | 12.163 | 142  | 158395   | 39.13 | ng    | # 97     |
| 38) 1-Methylnaphthalene       | 12.163 | 142  | 157870   | 41.60 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.180 | 154  | 9531     | 2.23  | ng    | 90       |
| 84) Bis(2-ethylhexyl)phtha... | 21.133 | 149  | 10538    | 2.21  | ng    | # 77     |
| -----                         |        |      |          |       |       |          |

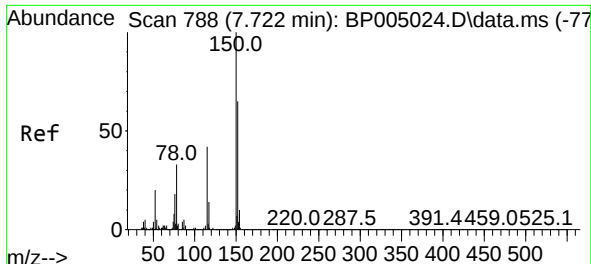
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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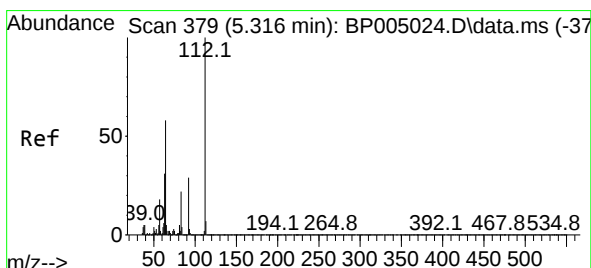
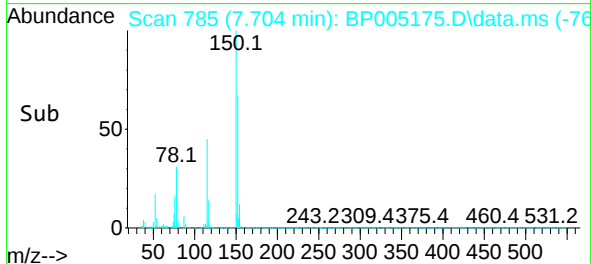
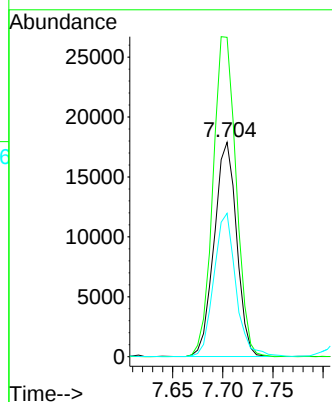
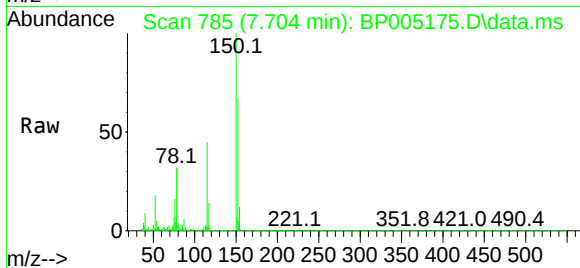




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.704 min Scan# 785  
Delta R.T. -0.001 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

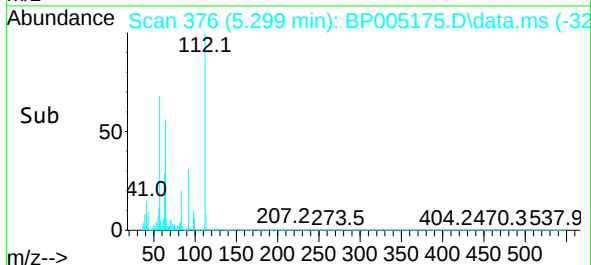
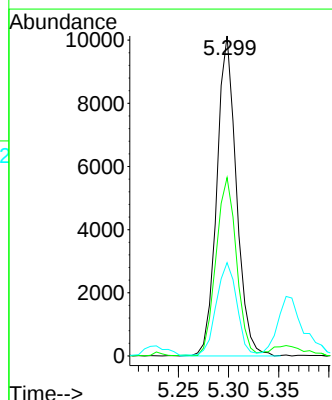
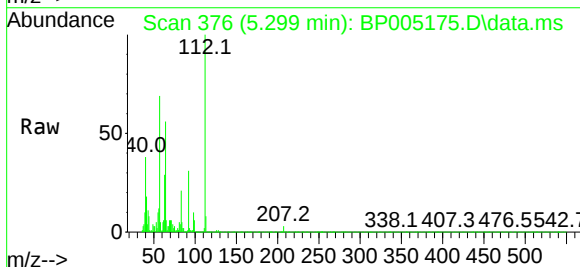
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ClientSampleId :  
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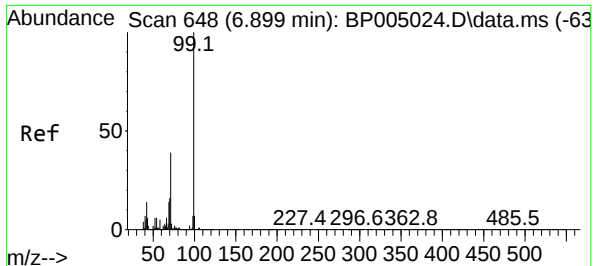
Tgt Ion:152 Resp: 27773  
Ion Ratio Lower Upper  
152 100  
150 149.0 123.8 185.6  
115 66.9 43.8 65.6#



#5  
2-Fluorophenol  
Concen: 7.62 ng  
RT: 5.299 min Scan# 376  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

Tgt Ion:112 Resp: 13756  
Ion Ratio Lower Upper  
112 100  
64 55.8 32.8 49.2#  
63 29.2 17.0 25.4#

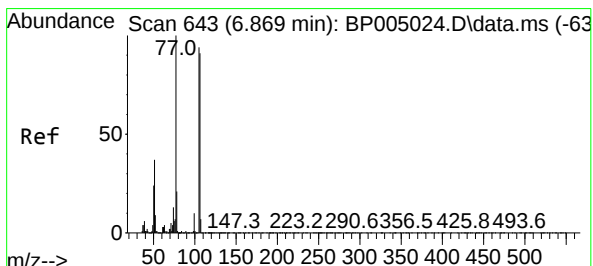
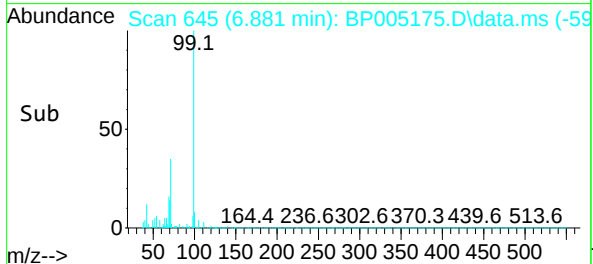
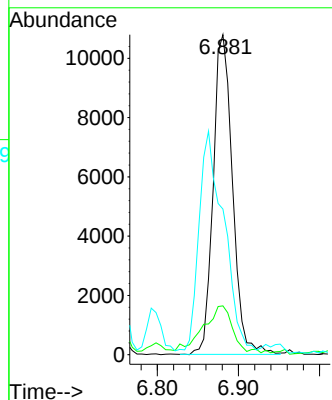
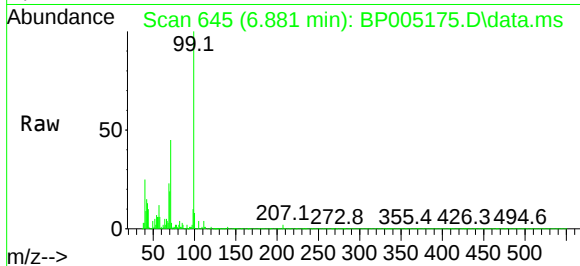




#7  
Phenol-d6  
Concen: 6.92 ng  
RT: 6.881 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

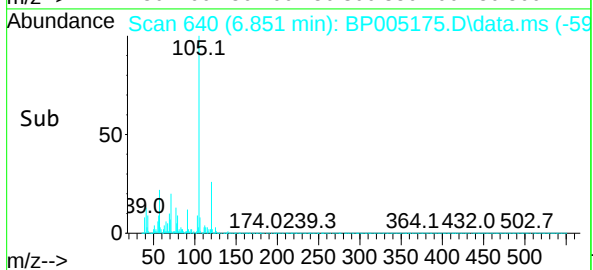
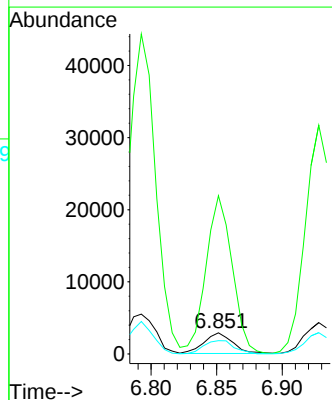
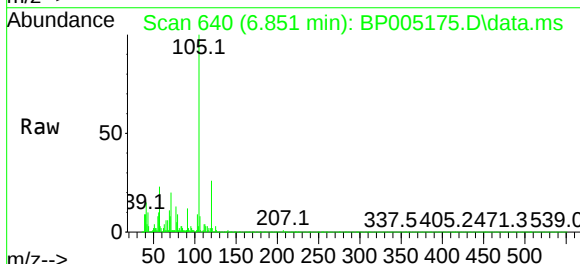
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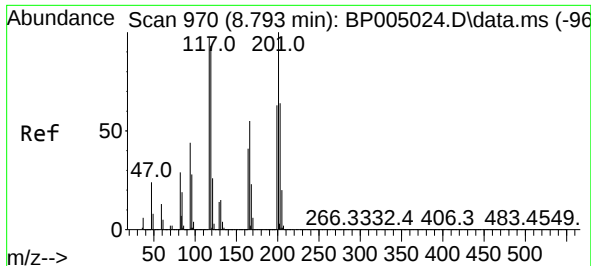
Tgt Ion: 99 Resp: 17888  
Ion Ratio Lower Upper  
99 100  
42 15.2 8.6 13.0#  
71 45.5 23.4 35.2#



#9  
Benzaldehyde  
Concen: 3.31 ng  
RT: 6.851 min Scan# 640  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

Tgt Ion: 77 Resp: 4363  
Ion Ratio Lower Upper  
77 100  
105 748.7 97.1 137.1#  
106 62.9 93.7 133.7#

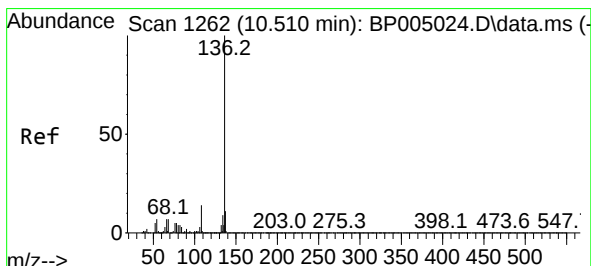
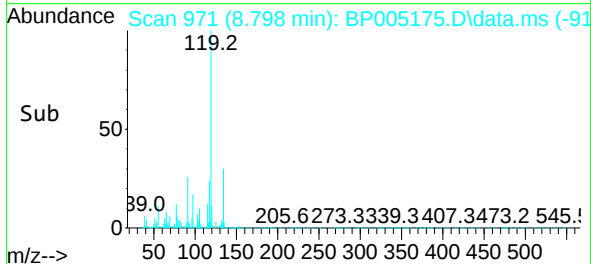
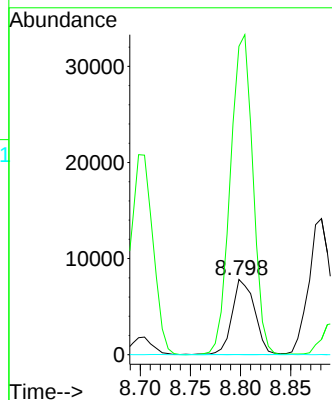
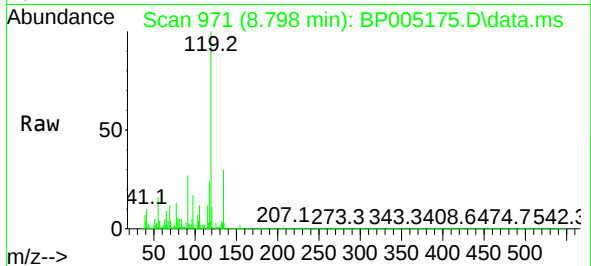




#18  
Hexachloroethane  
Concen: 14.99 ng  
RT: 8.798 min Scan# 971  
Delta R.T. 0.023 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

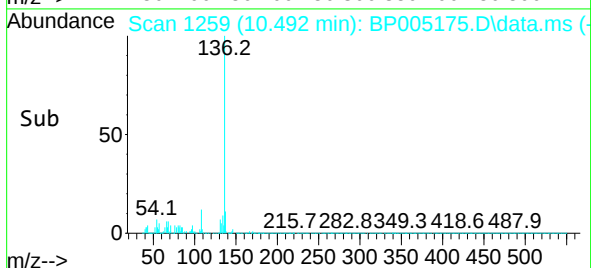
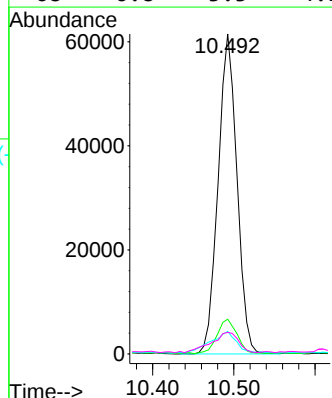
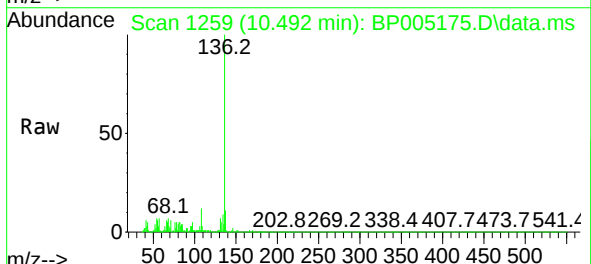
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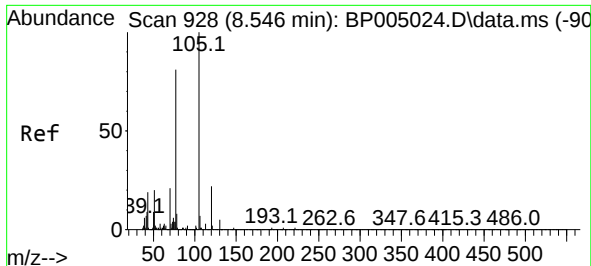
Tgt Ion:117 Resp: 12263  
Ion Ratio Lower Upper  
117 100  
119 410.3 78.8 118.2#  
201 0.1 92.3 138.5#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.492 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

Tgt Ion:136 Resp: 99252  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.0 3.6 5.4#  
68 6.8 3.3 4.9#

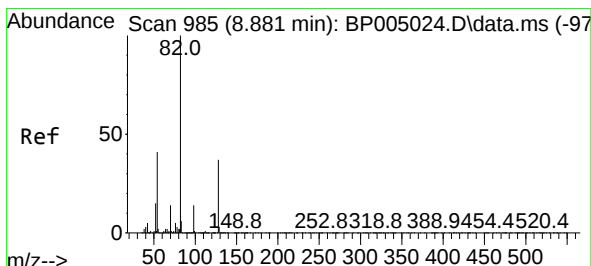
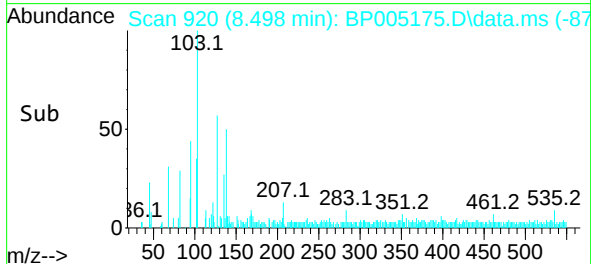
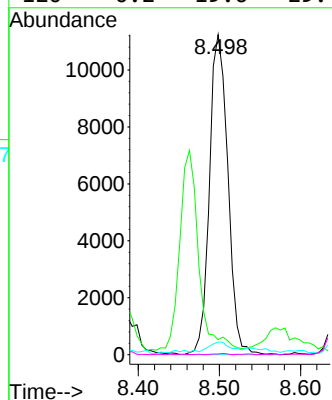
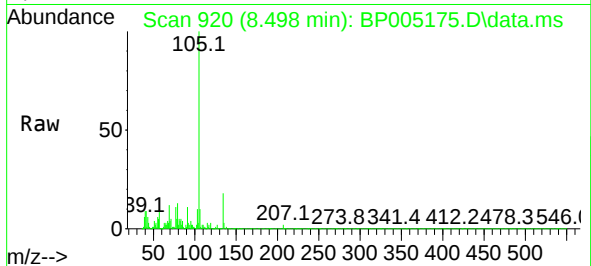




#22  
Acetophenone  
Concen: 6.21 ng  
RT: 8.498 min Scan# 920  
Delta R.T. -0.036 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

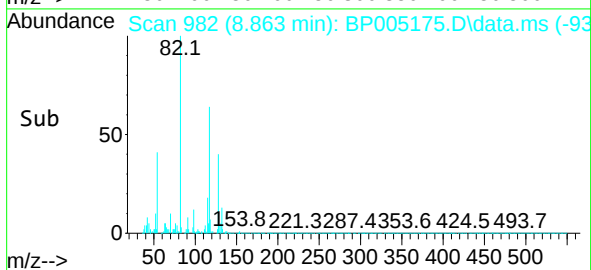
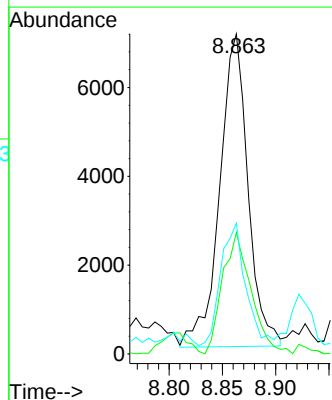
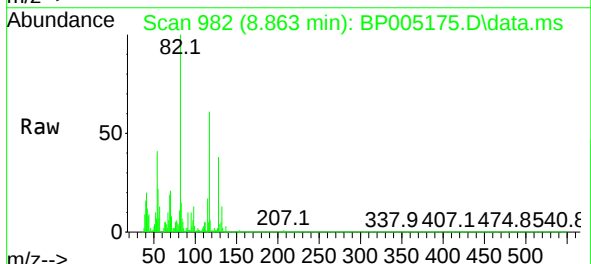
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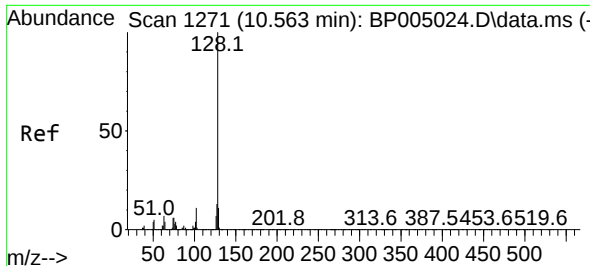
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 17715 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 4.7   | 2.6   | 3.8#  |
| 51       | 4.0   | 13.5  | 20.3# |
| 120      | 0.2   | 19.6  | 29.4# |



#23  
Nitrobenzene-d5  
Concen: 5.63 ng  
RT: 8.863 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 13020 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.0  | 45.6  | 68.4# |
| 54       | 40.9  | 30.1  | 45.1  |

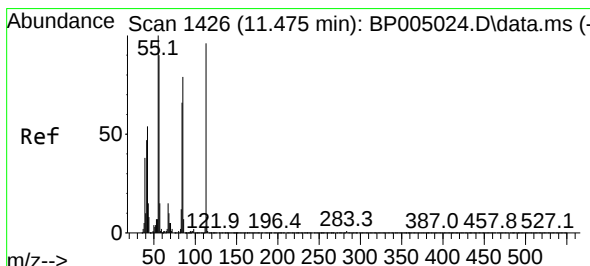
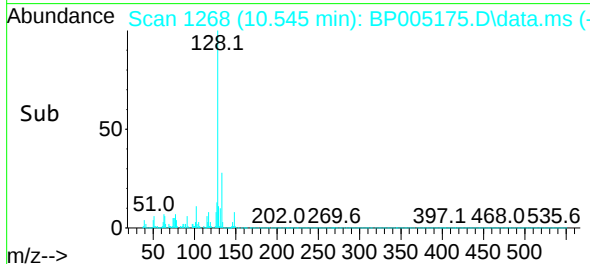
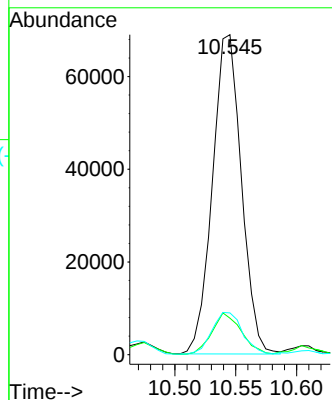
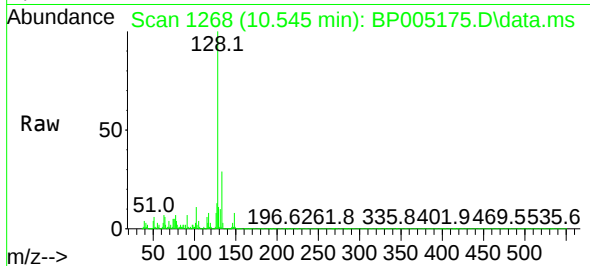




#31  
Naphthalene  
Concen: 20.37 ng  
RT: 10.545 min Scan# 1268  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

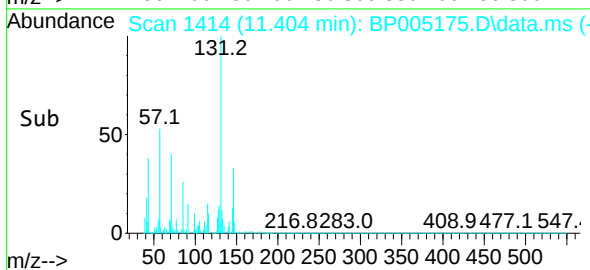
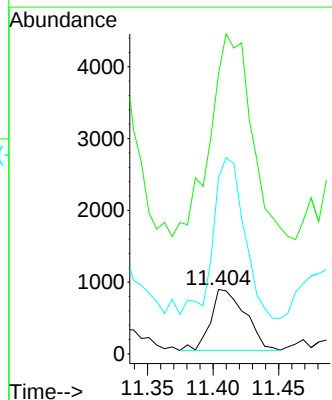
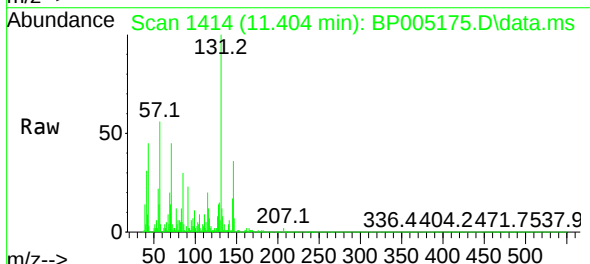
Instrument :  
BNA\_P  
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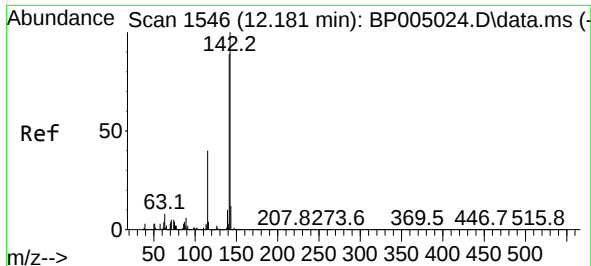
Tgt Ion:128 Resp: 114189  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.8 13.2  
127 13.1 10.6 15.8



#35  
Caprolactam  
Concen: 2.81 ng  
RT: 11.404 min Scan# 1414  
Delta R.T. -0.065 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

Tgt Ion:113 Resp: 1566  
Ion Ratio Lower Upper  
113 100  
55 434.0 77.3 117.3#  
56 272.7 55.9 95.9#

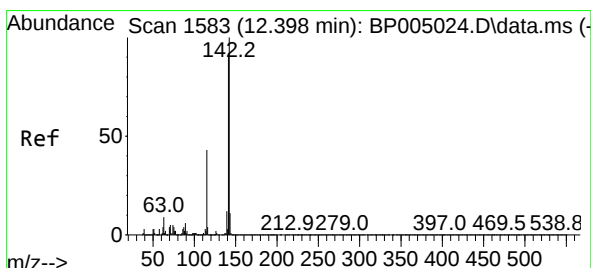
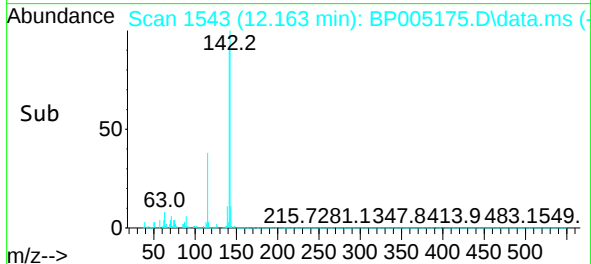
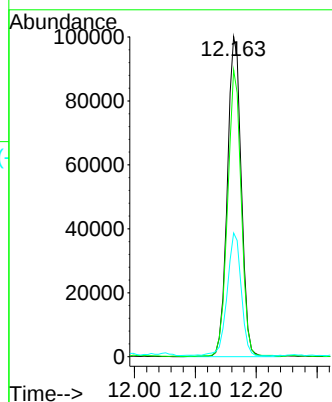
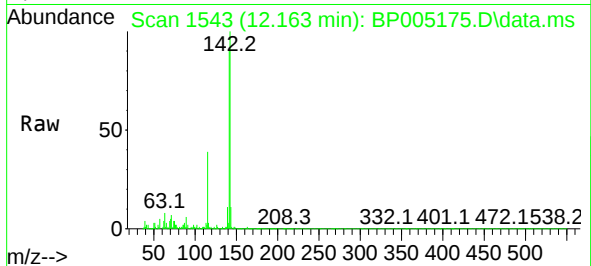




#37  
2-Methylnaphthalene  
Concen: 39.13 ng  
RT: 12.163 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

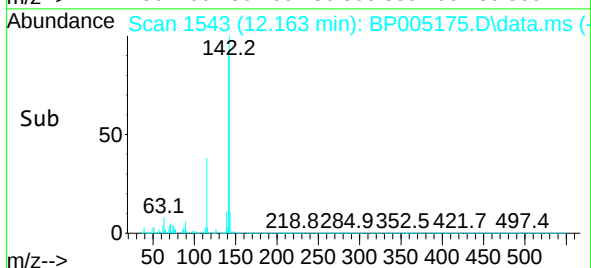
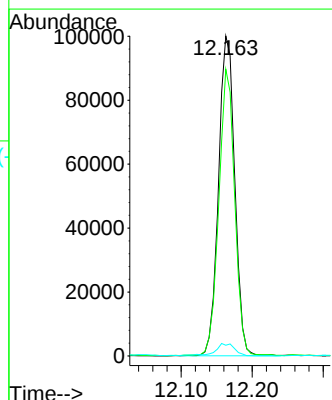
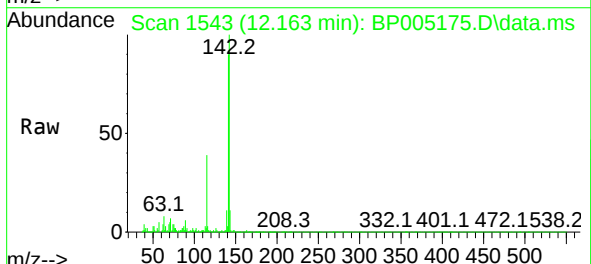
Instrument :  
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V-211DL

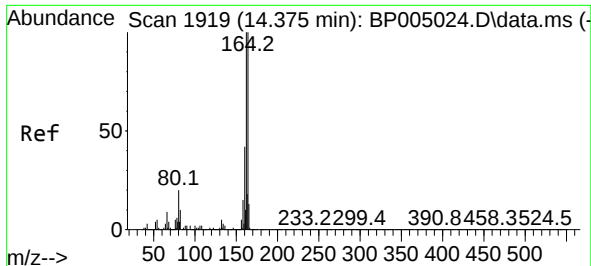
Tgt Ion:142 Resp: 158395  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.4 107.2  
115 38.7 25.8 38.6#



#38  
1-Methylnaphthalene  
Concen: 41.60 ng  
RT: 12.163 min Scan# 1543  
Delta R.T. -0.224 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

Tgt Ion:142 Resp: 157870  
Ion Ratio Lower Upper  
142 100  
141 89.6 74.4 111.6  
116 3.4 2.9 4.3

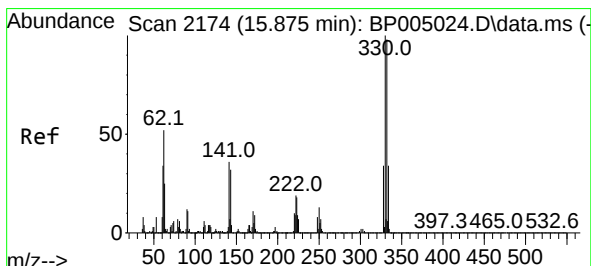
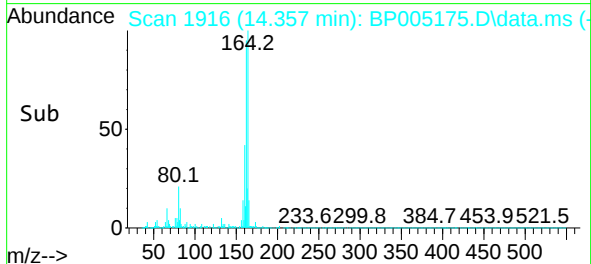
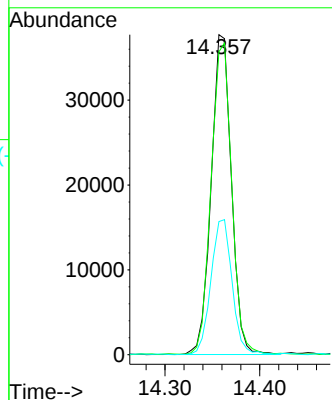
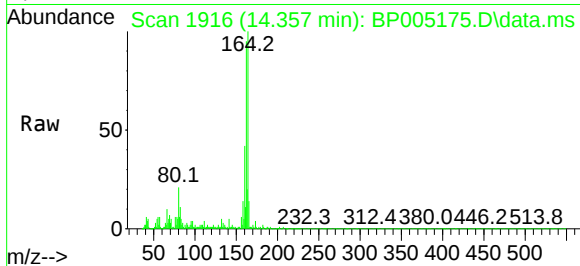




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.357 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

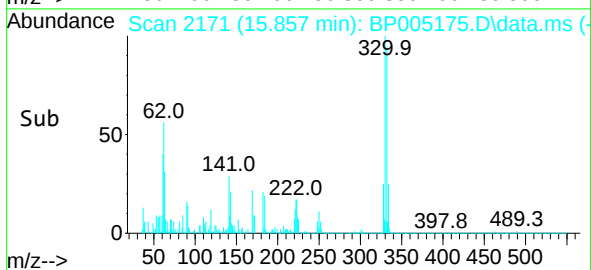
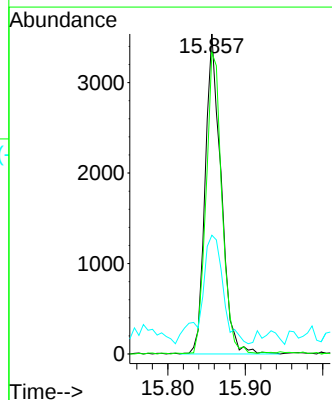
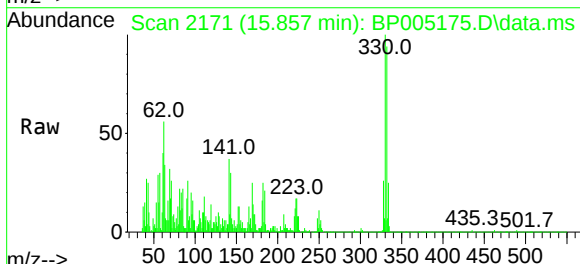
Instrument :  
BNA\_P  
ClientSampleId :  
V-211DL

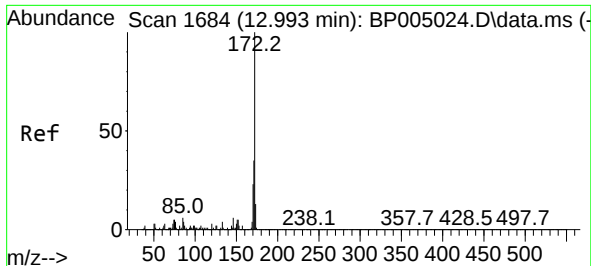
Tgt Ion:164 Resp: 56006  
Ion Ratio Lower Upper  
164 100  
162 94.6 79.4 119.2  
160 41.6 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 6.91 ng  
RT: 15.857 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

Tgt Ion:330 Resp: 5043  
Ion Ratio Lower Upper  
330 100  
332 94.5 77.1 115.7  
141 45.4 23.4 35.2#

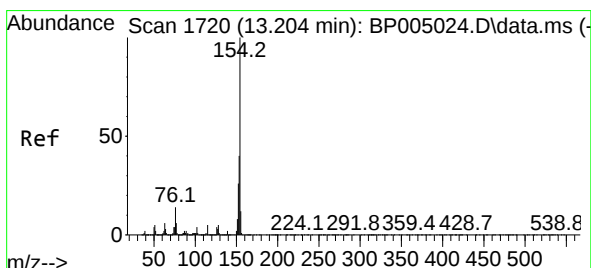
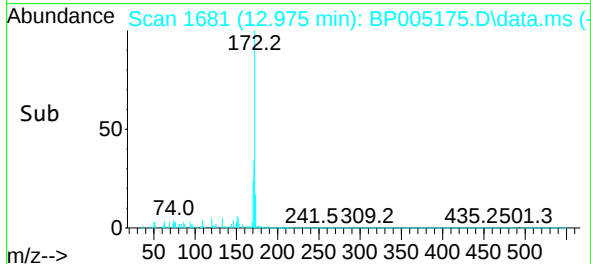
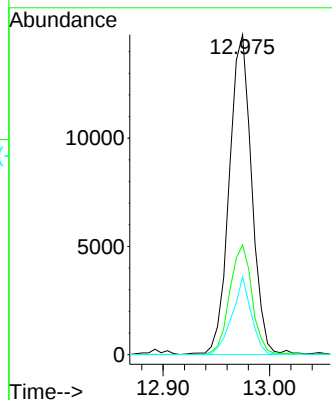
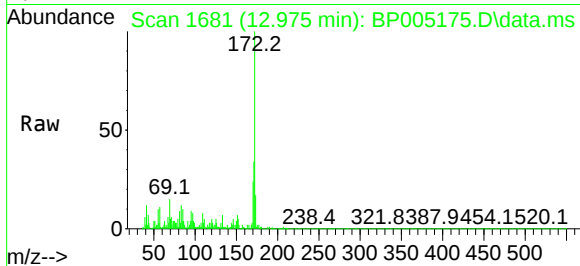




#45  
2-Fluorobiphenyl  
Concen: 5.21 ng  
RT: 12.975 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

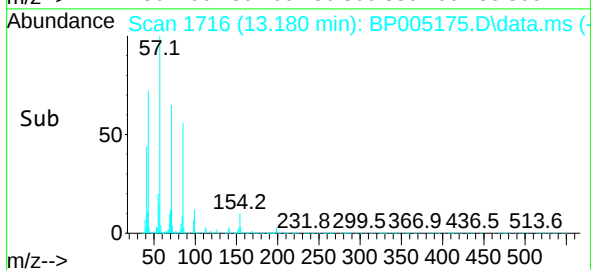
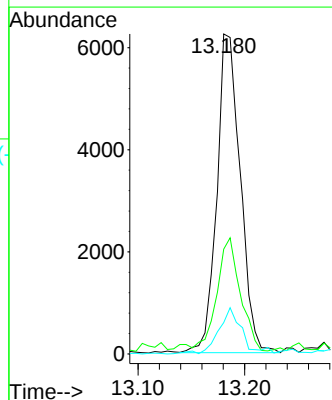
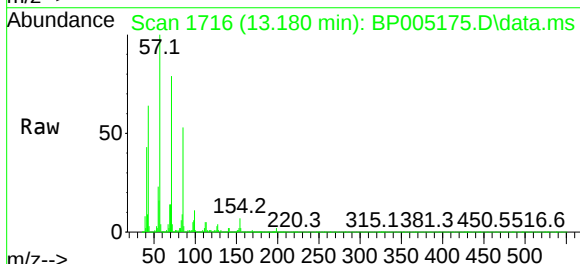
Instrument :  
BNA\_P  
ClientSampleId :  
V-211DL

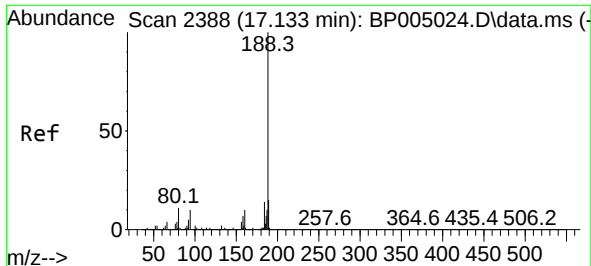
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 21567 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.4  | 28.5  | 42.7  |
| 170       | 24.4  | 19.2  | 28.8  |



#46  
1,1'-Biphenyl  
Concen: 2.23 ng  
RT: 13.180 min Scan# 1716  
Delta R.T. -0.012 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 154   | Resp: | 9531 |
| Ion Ratio | Lower | Upper |      |
| 154       | 100   |       |      |
| 153       | 32.8  | 20.4  | 60.4 |
| 76        | 9.8   | 0.0   | 29.3 |

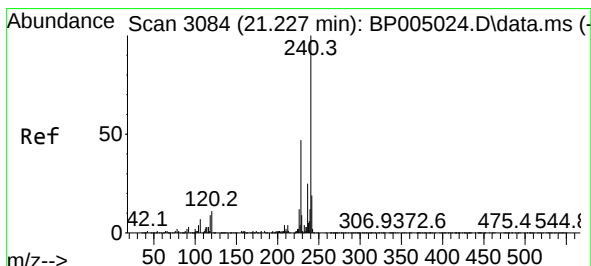
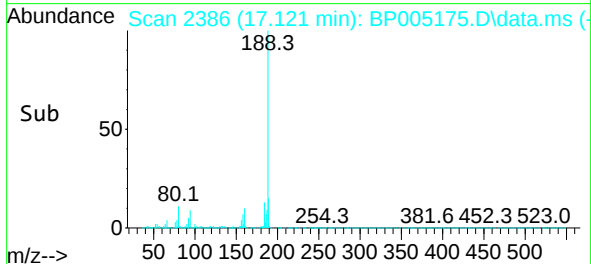
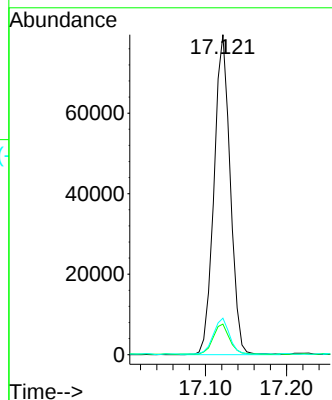
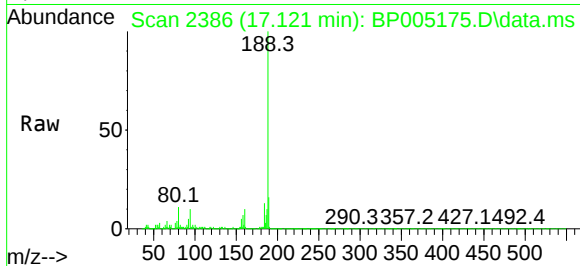




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.121 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

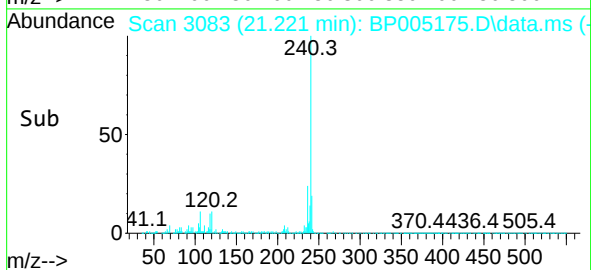
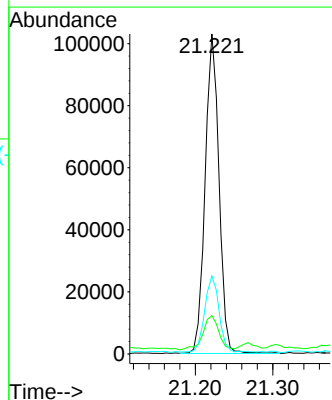
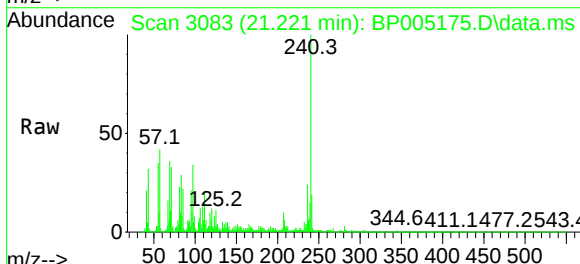
Instrument :  
BNA\_P  
ClientSampleId :  
V-211DL

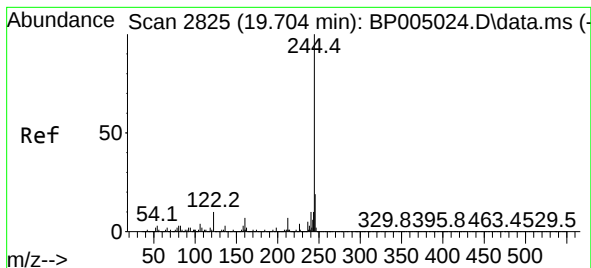
Tgt Ion:188 Resp: 110163  
Ion Ratio Lower Upper  
188 100  
94 9.6 6.2 9.2#  
80 11.4 6.2 9.2#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.221 min Scan# 3083  
Delta R.T. -0.006 min  
Lab File: BP005175.D  
Acq: 05 Apr 2021 13:07

Tgt Ion:240 Resp: 127805  
Ion Ratio Lower Upper  
240 100  
120 12.0 7.8 11.6#  
236 24.4 20.8 31.2





#79

Terphenyl-d14

Concen: 4.60 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.000 min

Lab File: BP005175.D

Acq: 05 Apr 2021 13:07

Instrument :

BNA\_P

ClientSampleId :

V-211DL

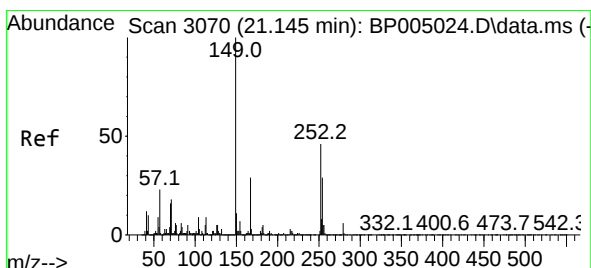
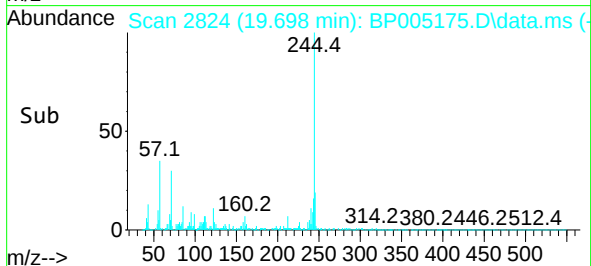
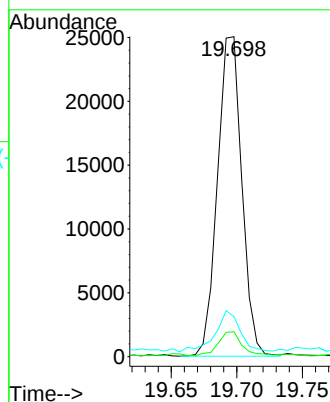
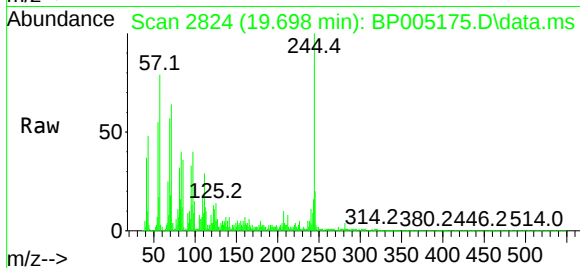
Tgt Ion:244 Resp: 32328

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 12.5 7.8 11.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.21 ng

RT: 21.133 min Scan# 3068

Delta R.T. -0.006 min

Lab File: BP005175.D

Acq: 05 Apr 2021 13:07

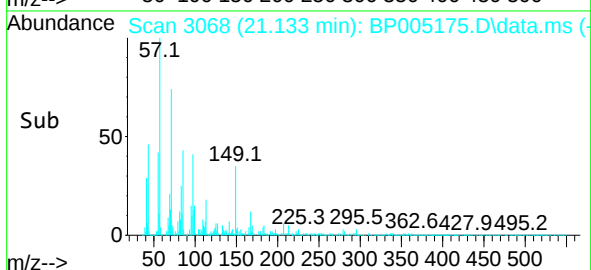
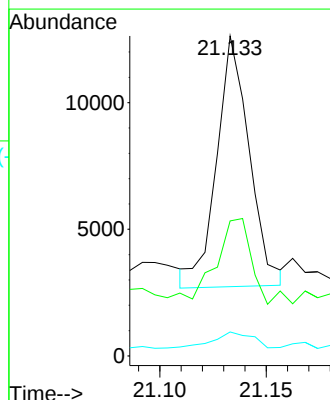
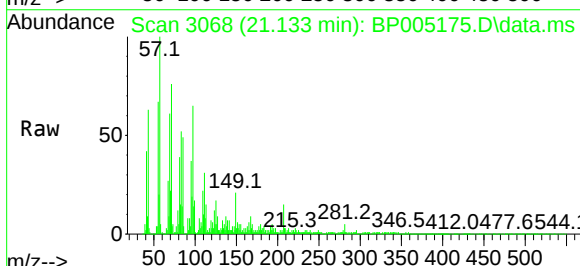
Tgt Ion:149 Resp: 10538

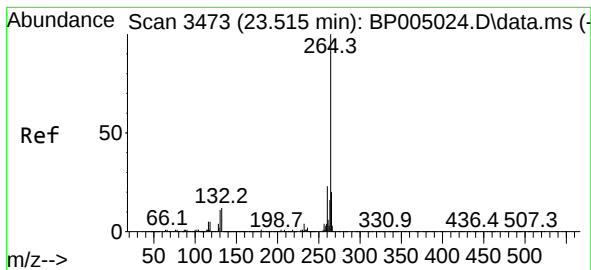
Ion Ratio Lower Upper

149 100

167 42.2 22.6 34.0#

279 7.5 4.2 6.2#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.515 min Scan# 3473  
 Delta R.T. 0.005 min  
 Lab File: BP005175.D  
 Acq: 05 Apr 2021 13:07

Instrument :  
 BNA\_P  
 ClientSampleId :  
 V-211DL

Tgt Ion:264 Resp: 140636  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 18.8 28.2  
 265 21.3 17.4 26.2

