

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011521\  
 Data File : BP004591.D  
 Acq On : 15 Jan 2021 23:26  
 Operator : CG/JU  
 Sample : M1146-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 520-Z

Quant Time: Jan 16 02:21:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP011221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 12 15:19:32 2021  
 Response via : Initial Calibration

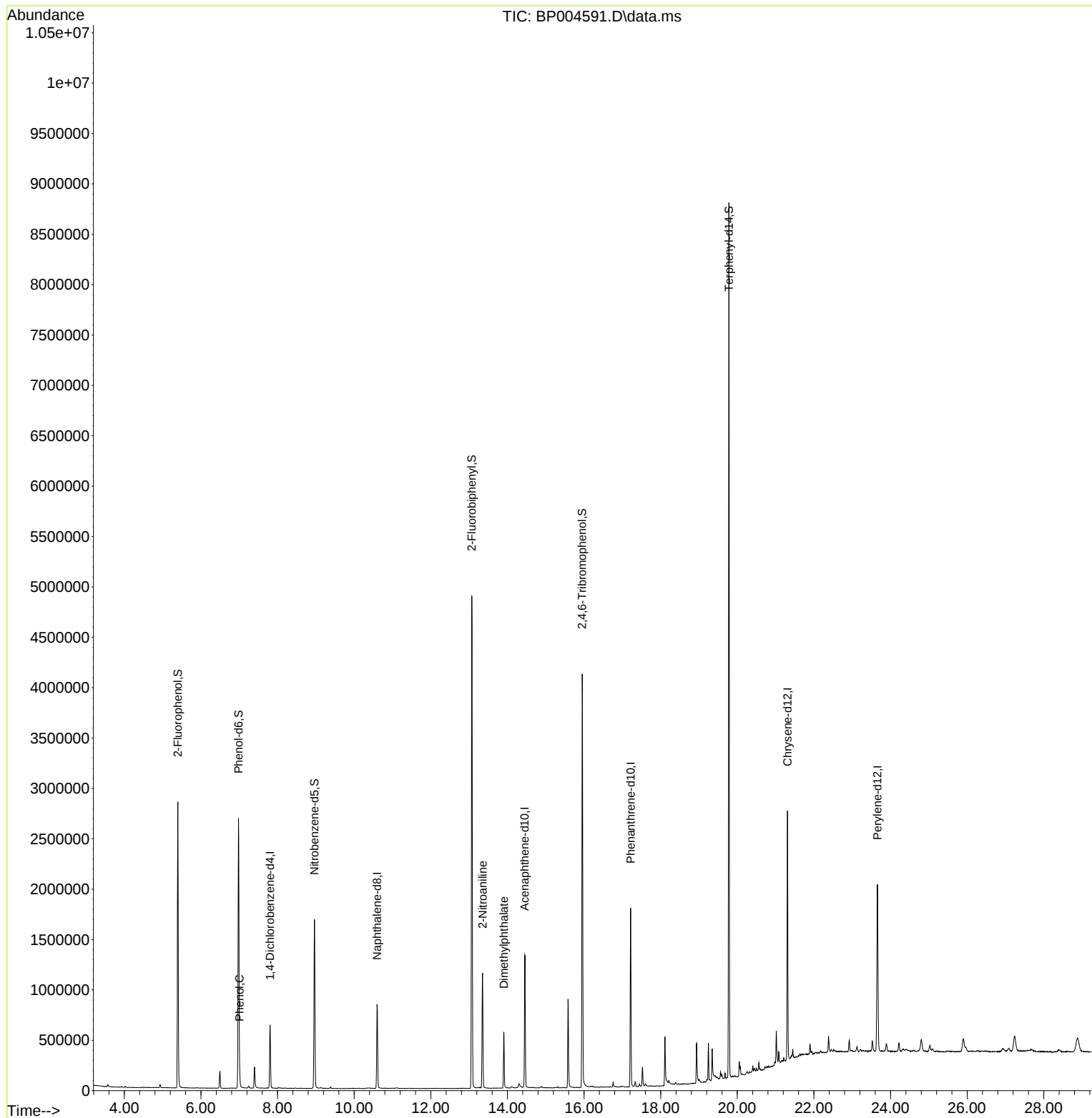
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 192748   | 20.00     | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.598 | 136  | 761071   | 20.00     | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.451 | 164  | 489182   | 20.00     | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.215 | 188  | 1097910  | 20.00     | ng    | -0.01    |
| 76) Chrysene-d12              | 21.309 | 240  | 1183290  | 20.00     | ng    | -0.01    |
| 86) Perylene-d12              | 23.656 | 264  | 1234073  | 20.00     | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 1469793  | 132.91    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.981  | 99   | 1815176  | 119.84    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 1028599  | 76.41     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 957072   | 112.53    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 2726264  | 72.45     | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.780 | 244  | 3762491  | 58.09     | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.981  | 77   | 3769     | Below Cal | #     | 3        |
| 10) Phenol                    | 7.010  | 94   | 68843    | 4.74      | ng    | 92       |
| 32) Benzoic acid              | 9.939  | 122  | 278      | Below Cal | #     | 1        |
| 41) Hexachlorocyclopentadiene | 12.628 | 237  | 27       | Below Cal |       | 78       |
| 48) 2-Nitroaniline            | 13.351 | 65   | 18292    | 2.44      | ng    | # 1      |
| 50) Dimethylphthalate         | 13.910 | 163  | 411445   | 10.15     | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.574 | 184  | 11       | Below Cal | #     | 1        |
| -----                         |        |      |          |           |       |          |

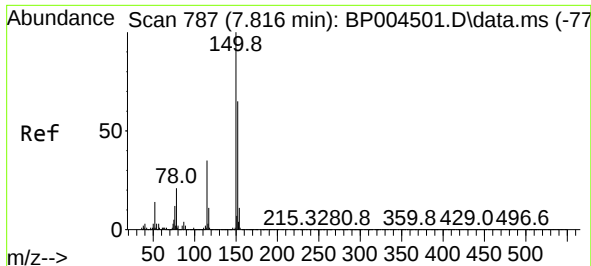
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 02:21:16 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP011221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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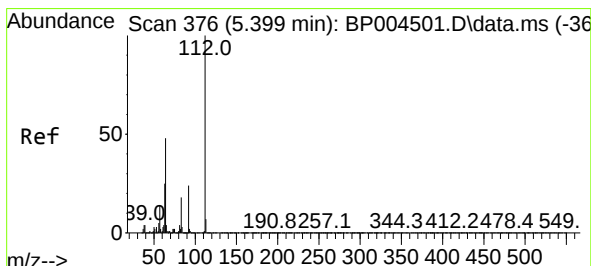
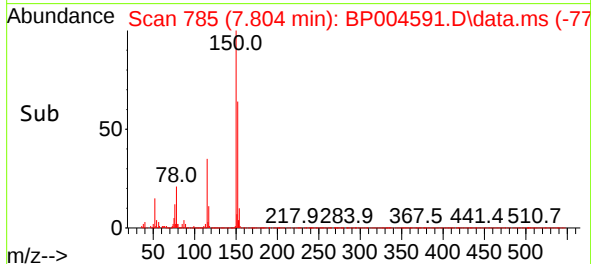
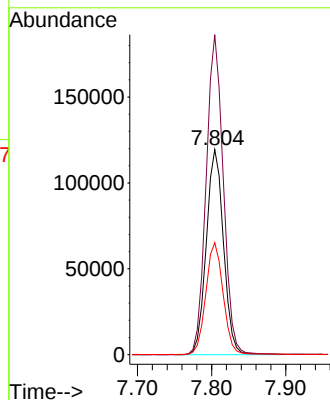
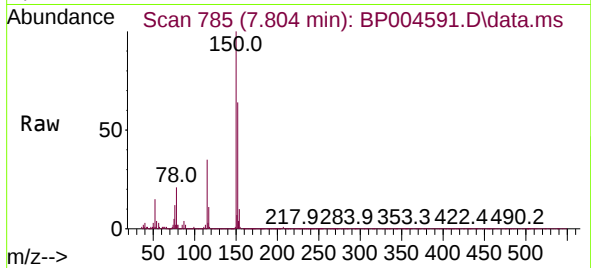




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.804 min Scan# 785  
Delta R.T. -0.012 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

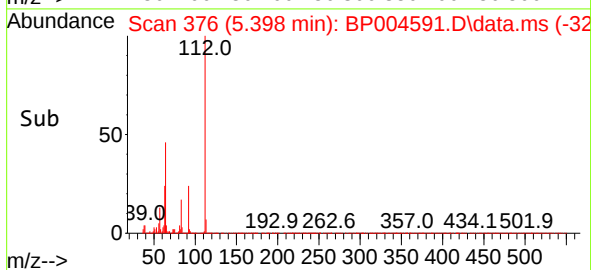
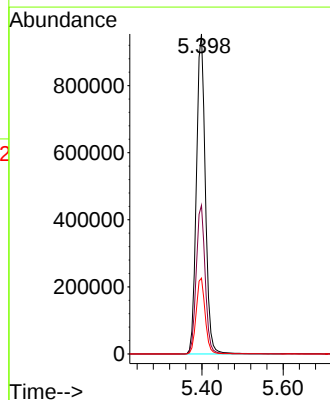
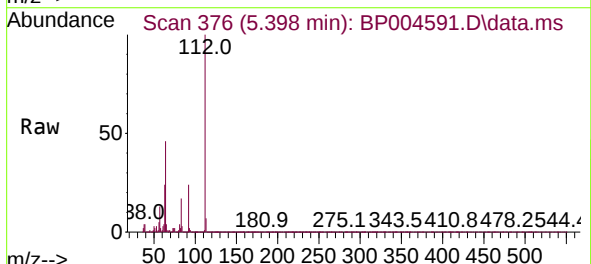
Instrument :  
BNA\_P  
ClientSampled :  
520-Z

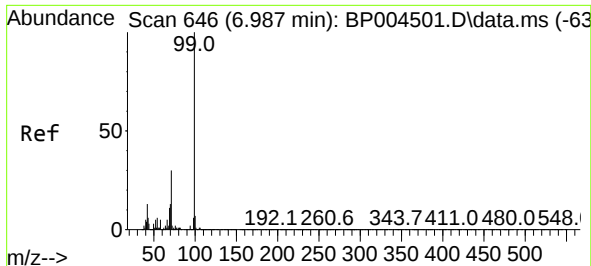
Tgt Ion:152 Resp: 192748  
Ion Ratio Lower Upper  
152 100  
150 156.0 123.8 185.6  
115 54.7 43.8 65.6



#5  
2-Fluorophenol  
Concen: 132.91 ng  
RT: 5.398 min Scan# 376  
Delta R.T. -0.000 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

Tgt Ion:112 Resp: 1469793  
Ion Ratio Lower Upper  
112 100  
64 46.5 32.8 49.2  
63 23.7 17.0 25.4

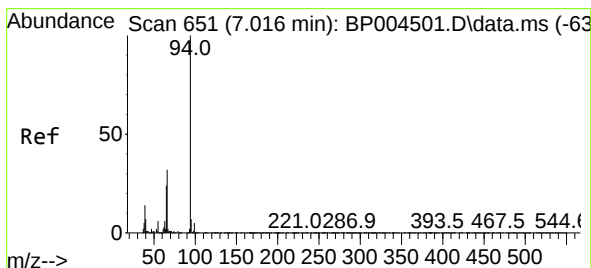
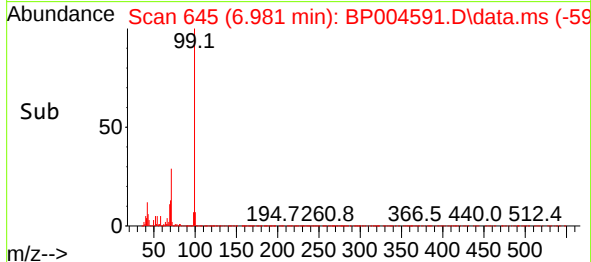
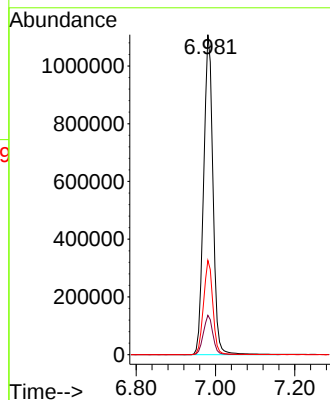
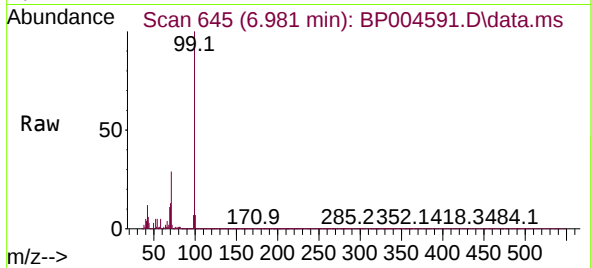




#7  
Phenol-d6  
Concen: 119.84 ng  
RT: 6.981 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

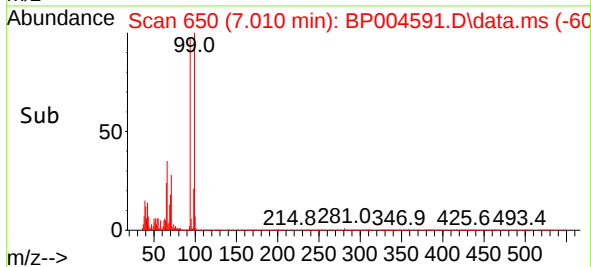
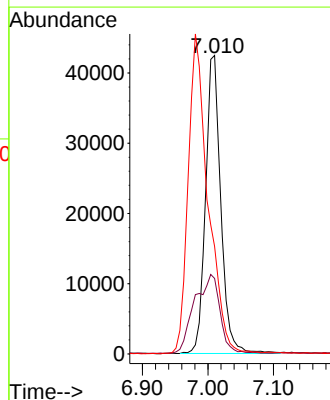
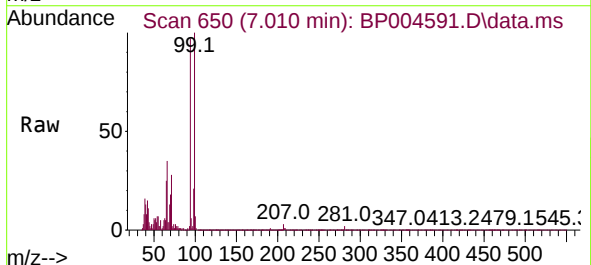
Instrument :  
BNA\_P  
ClientSampleId :  
520-Z

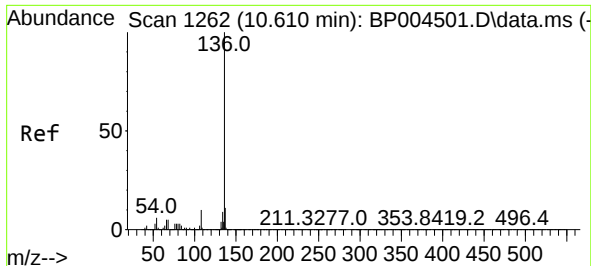
Tgt Ion: 99 Resp: 1815176  
Ion Ratio Lower Upper  
99 100  
42 12.3 8.6 13.0  
71 29.4 23.4 35.2



#10  
Phenol  
Concen: 4.74 ng  
RT: 7.010 min Scan# 650  
Delta R.T. -0.006 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

Tgt Ion: 94 Resp: 68843  
Ion Ratio Lower Upper  
94 100  
65 25.3 2.3 42.3  
66 36.0 10.9 50.9

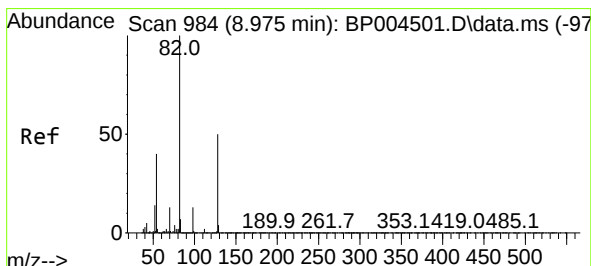
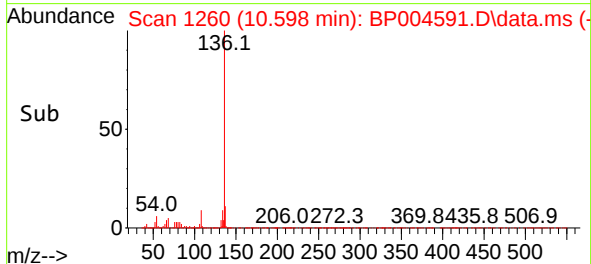
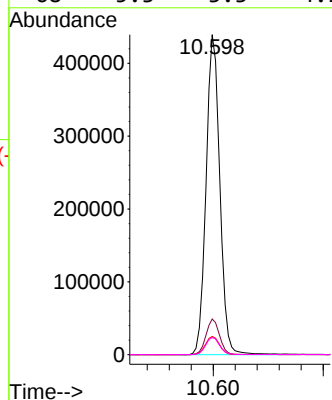
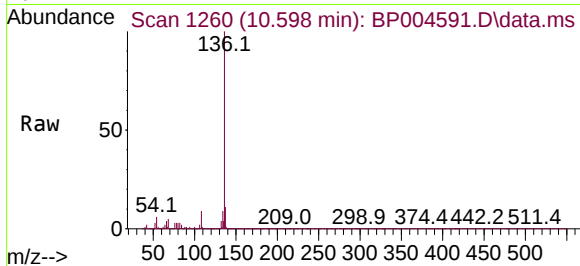




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.598 min Scan# 1260  
Delta R.T. -0.012 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

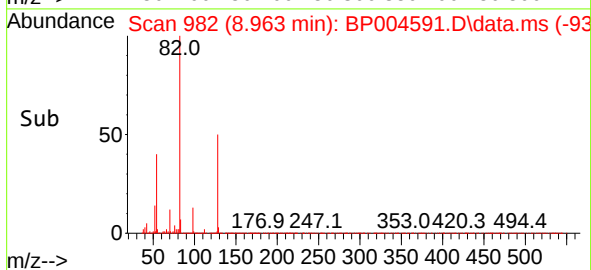
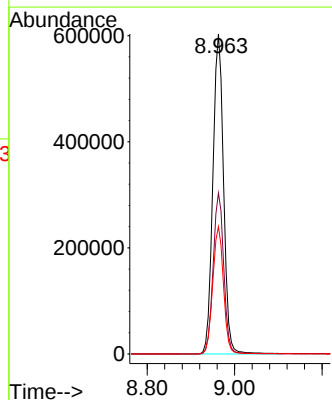
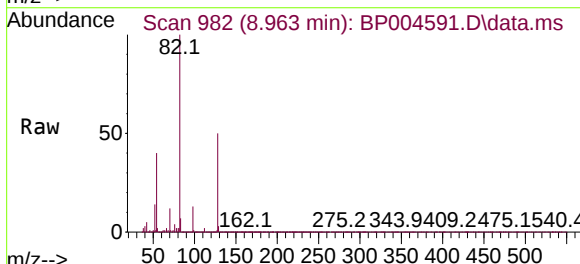
Instrument :  
BNA\_P  
ClientSampled :  
520-Z

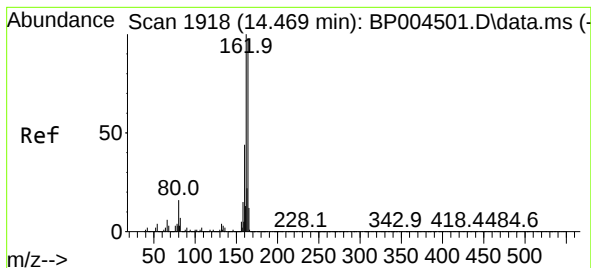
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 761071 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.2  | 8.6   | 13.0   |
| 54        | 5.7   | 3.6   | 5.4#   |
| 68        | 5.3   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 76.41 ng  
RT: 8.963 min Scan# 982  
Delta R.T. -0.012 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 82    | Resp: | 1028599 |
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 50.3  | 45.6  | 68.4    |
| 54        | 39.8  | 30.1  | 45.1    |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.451 min Scan# 1915

Delta R.T. -0.018 min

Lab File: BP004591.D

Acq: 15 Jan 2021 23:26

Instrument :

BNA\_P

ClientSampleId :

520-Z

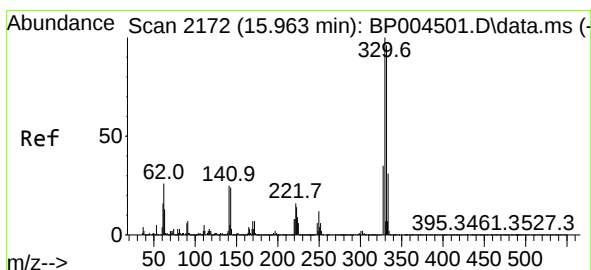
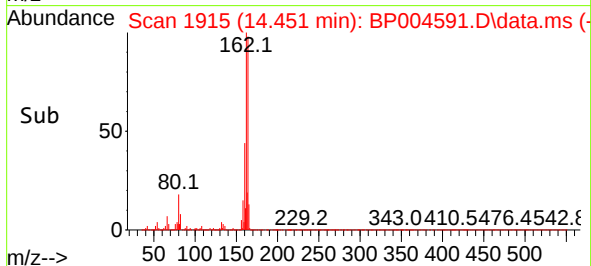
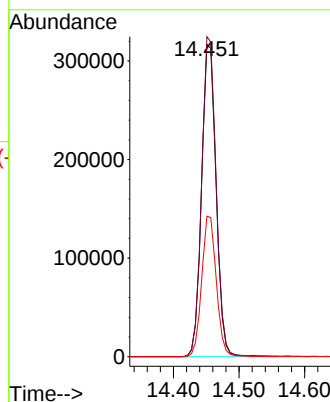
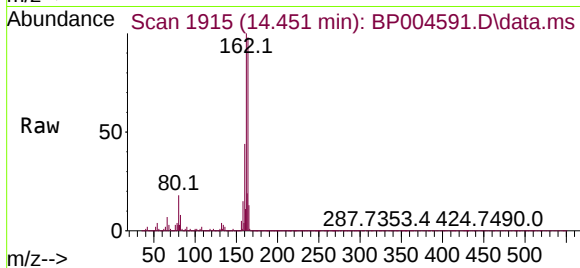
Tgt Ion:164 Resp: 489182

Ion Ratio Lower Upper

164 100

162 102.5 79.4 119.2

160 45.0 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 112.53 ng

RT: 15.951 min Scan# 2170

Delta R.T. -0.012 min

Lab File: BP004591.D

Acq: 15 Jan 2021 23:26

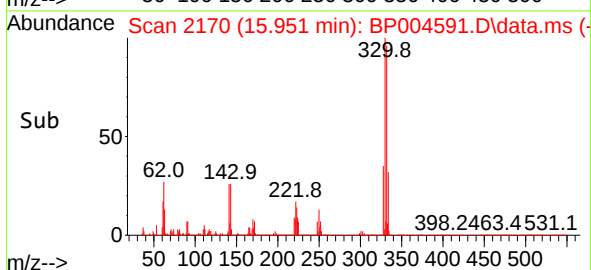
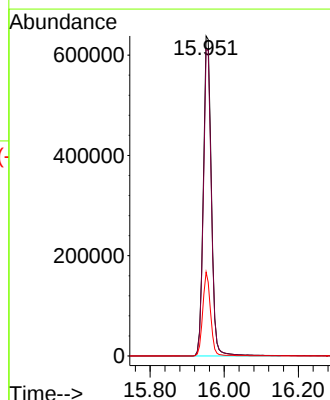
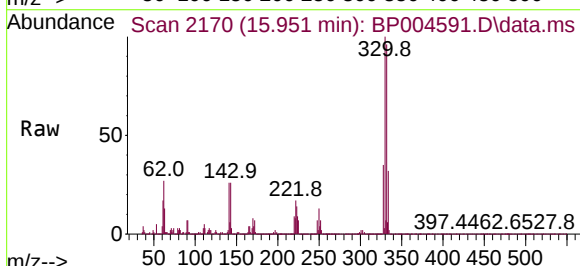
Tgt Ion:330 Resp: 957072

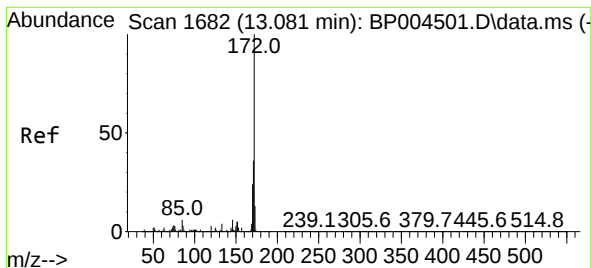
Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

141 25.5 23.4 35.2

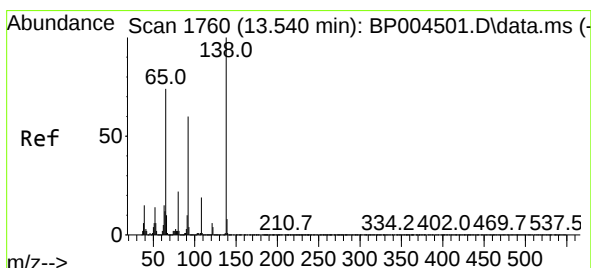
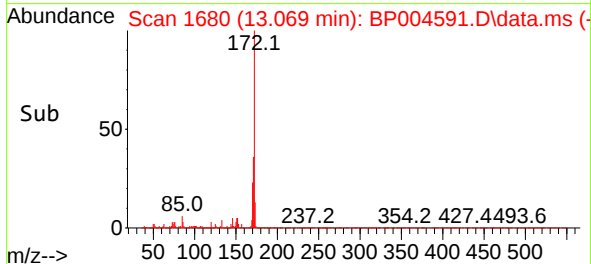
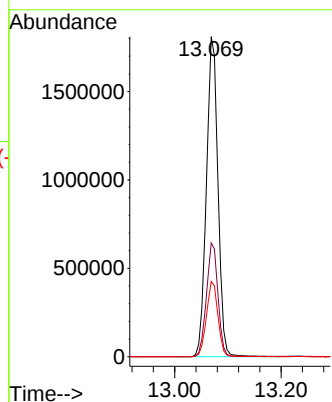
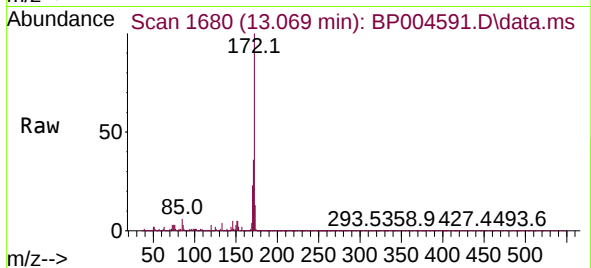




#45  
2-Fluorobiphenyl  
Concen: 72.45 ng  
RT: 13.069 min Scan# 1680  
Delta R.T. -0.012 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

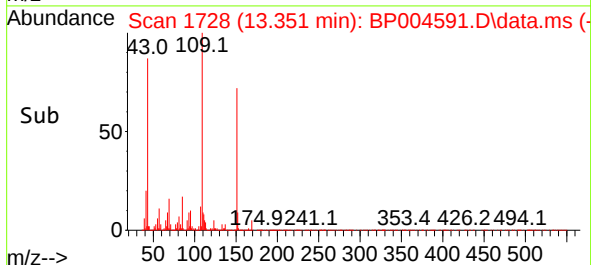
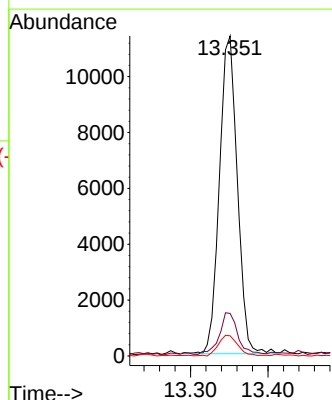
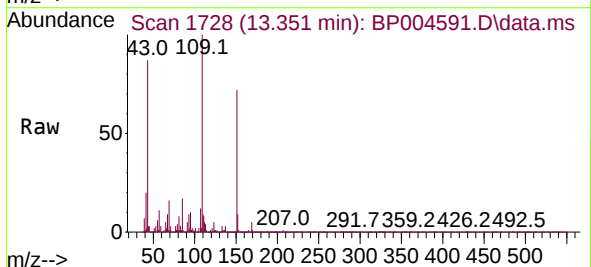
Instrument :  
BNA\_P  
ClientSampleId :  
520-Z

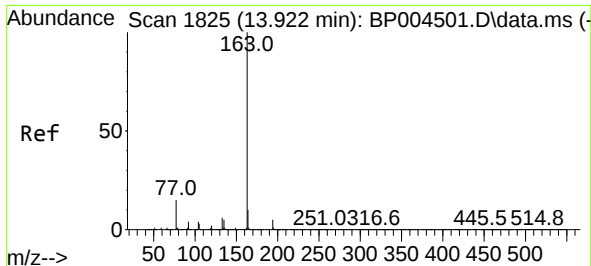
Tgt Ion:172 Resp: 2726264  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 23.5 19.2 28.8



#48  
2-Nitroaniline  
Concen: 2.44 ng  
RT: 13.351 min Scan# 1728  
Delta R.T. -0.189 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

Tgt Ion: 65 Resp: 18292  
Ion Ratio Lower Upper  
65 100  
92 13.3 70.6 106.0#  
138 6.3 133.6 200.4#

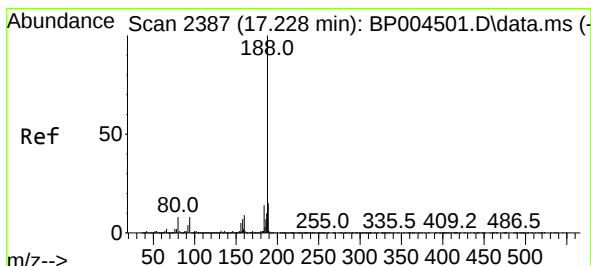
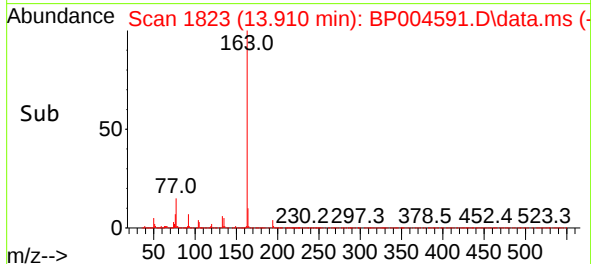
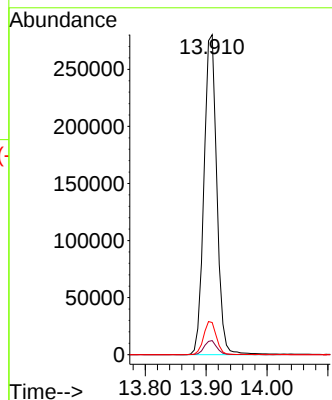
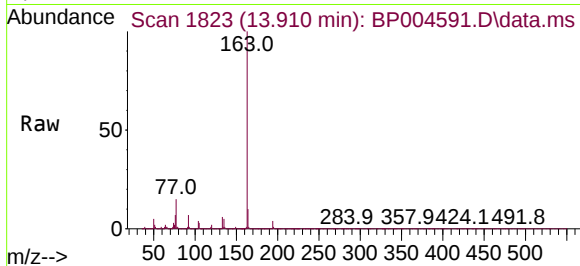




#50  
Dimethylphthalate  
Concen: 10.15 ng  
RT: 13.910 min Scan# 1823  
Delta R.T. -0.012 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

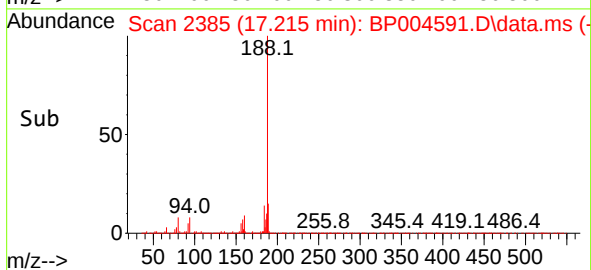
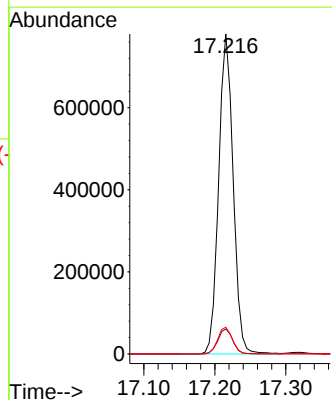
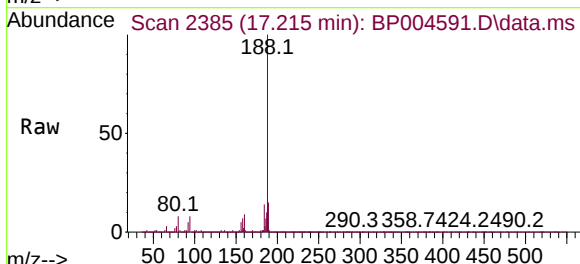
Instrument :  
BNA\_P  
ClientSampleId :  
520-Z

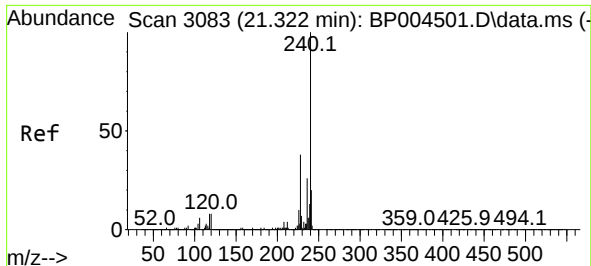
Tgt Ion:163 Resp: 411445  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.3 4.9  
164 10.1 8.2 12.2



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.215 min Scan# 2385  
Delta R.T. -0.013 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

Tgt Ion:188 Resp: 1097910  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.2 9.2  
80 8.3 6.2 9.2

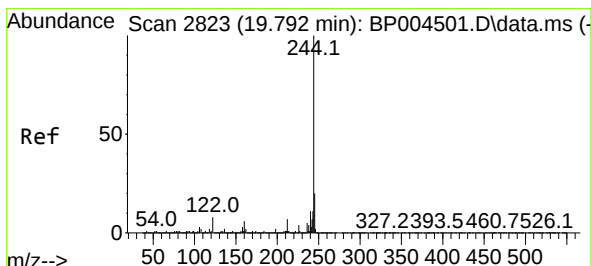
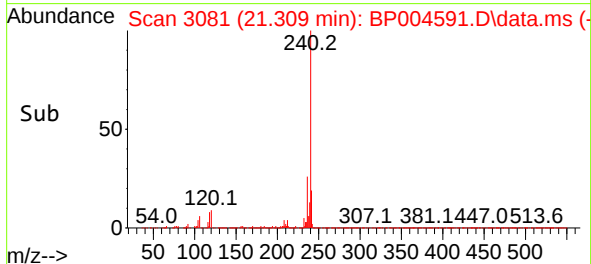
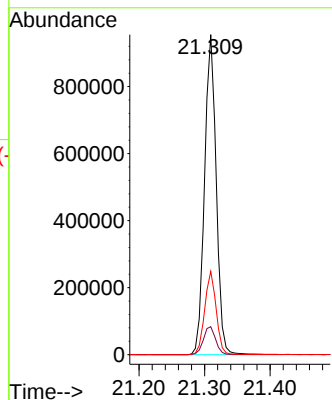
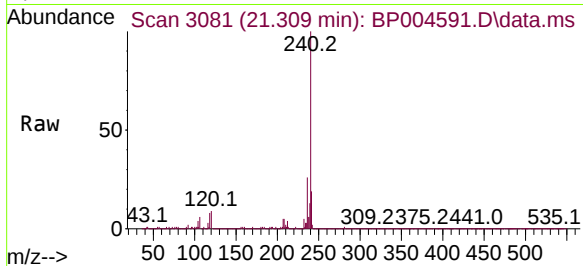




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.309 min Scan# 3081  
Delta R.T. -0.012 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

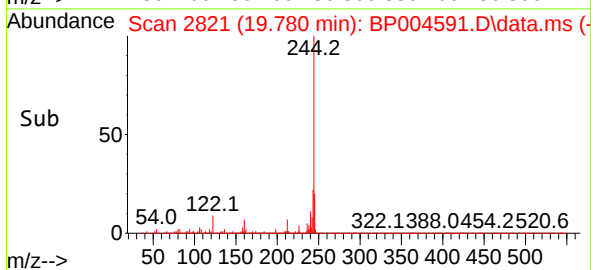
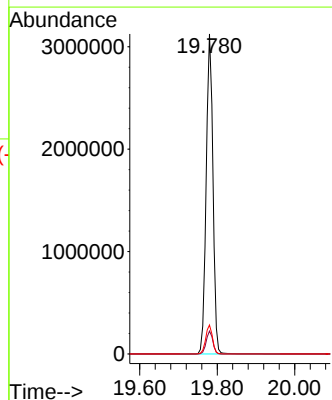
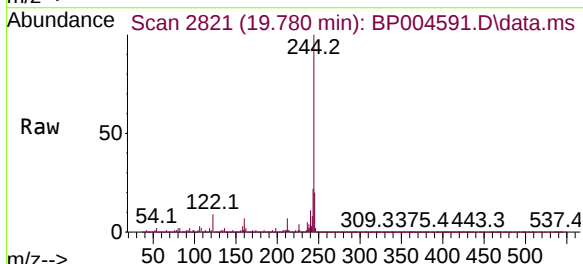
Instrument :  
BNA\_P  
ClientSampleId :  
520-Z

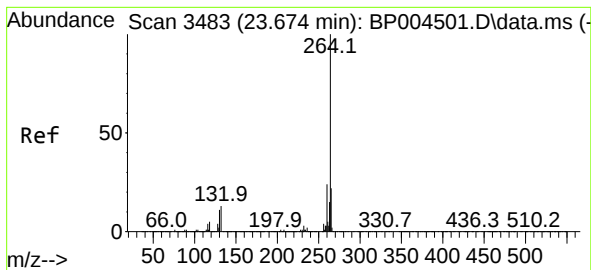
Tgt Ion:240 Resp: 1183290  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.8 11.6  
236 26.1 20.8 31.2



#79  
Terphenyl-d14  
Concen: 58.09 ng  
RT: 19.780 min Scan# 2821  
Delta R.T. -0.012 min  
Lab File: BP004591.D  
Acq: 15 Jan 2021 23:26

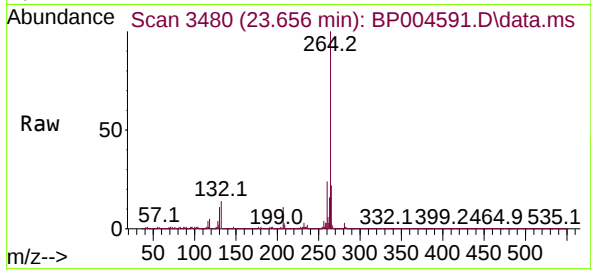
Tgt Ion:244 Resp: 3762491  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 9.1 7.8 11.8





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.656 min Scan# 3480  
 Delta R.T. -0.018 min  
 Lab File: BP004591.D  
 Acq: 15 Jan 2021 23:26

Instrument :  
 BNA\_P  
 ClientSampleId :  
 520-Z



Tgt Ion:264 Resp: 1234073  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.8 28.2  
 265 21.9 17.4 26.2

