

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100920\  
 Data File : BP003600.D  
 Acq On : 09 Oct 2020 18:55  
 Operator : CG/JU  
 Sample : L4319-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 12018

Quant Time: Oct 10 00:11:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 08 15:55:58 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.475  | 152  | 45189    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.251 | 136  | 168935   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.139 | 164  | 104749   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.898 | 188  | 233286   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.010 | 240  | 266533   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.174 | 264  | 289796   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.099  | 112  | 367848   | 142.14 | ng    | 0.00     |
| 7) Phenol-d6                | 6.693  | 99   | 421285   | 122.13 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.634  | 82   | 309694   | 107.70 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.645 | 330  | 258739   | 161.95 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.751 | 172  | 761889   | 106.38 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.486 | 244  | 1277034  | 99.83  | ng    | 0.00     |

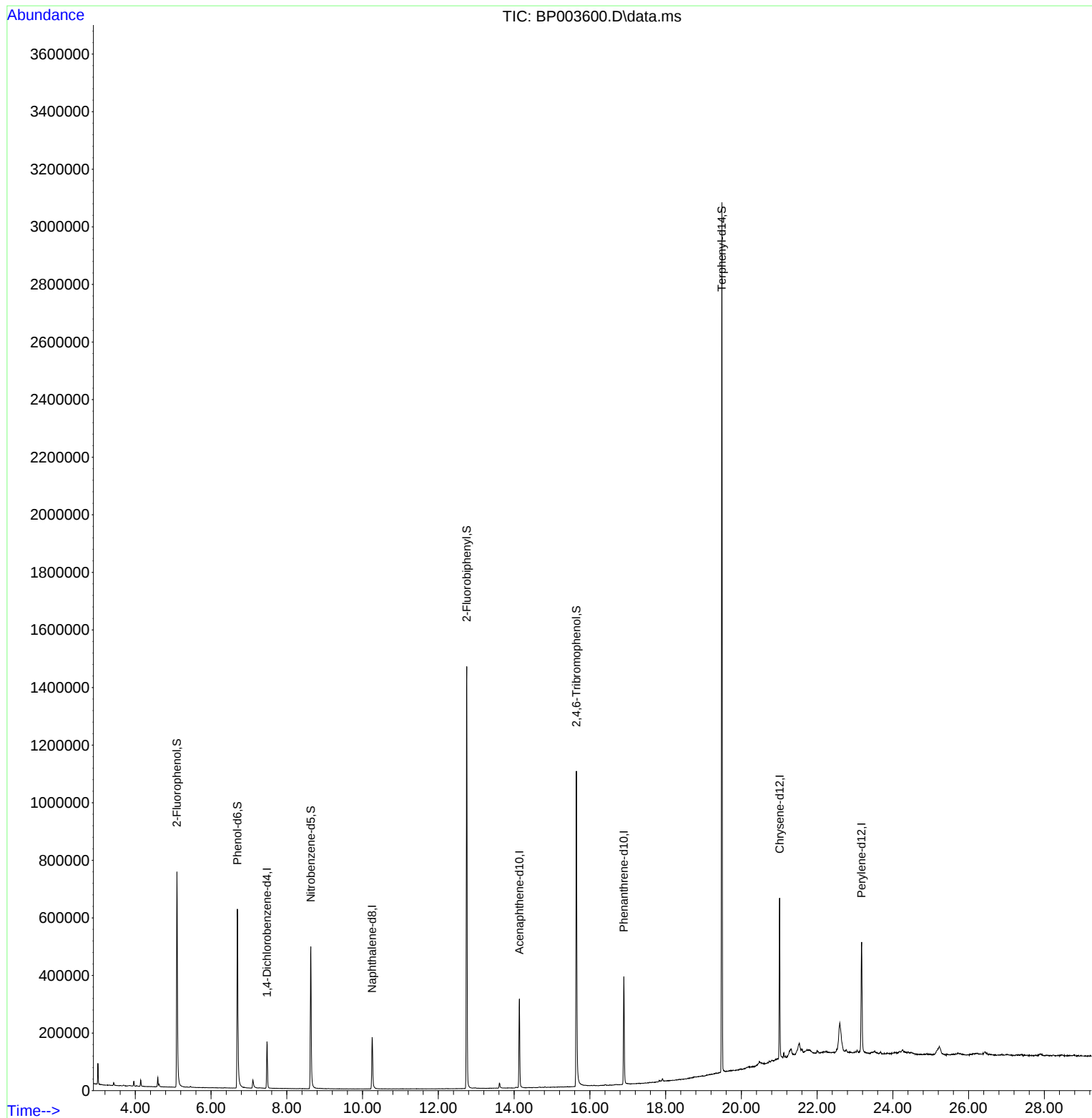
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

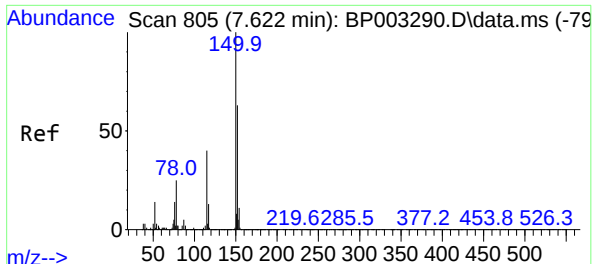
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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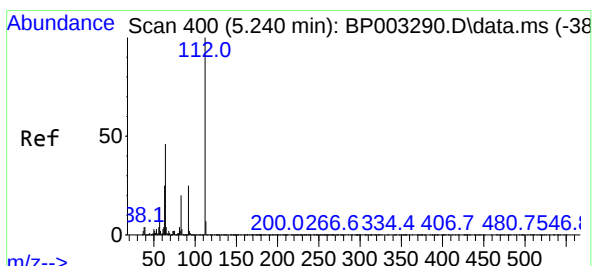
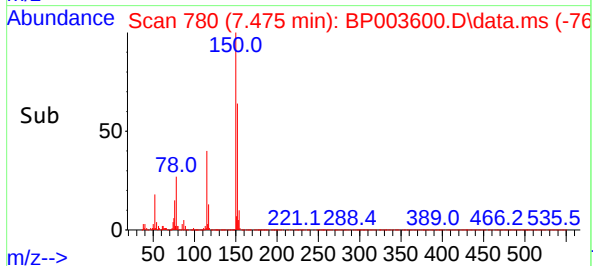
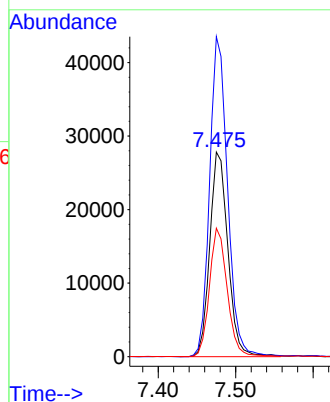
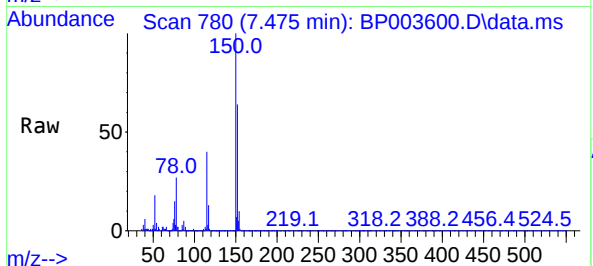




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.475 min Scan# 780  
Delta R.T. -0.006 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

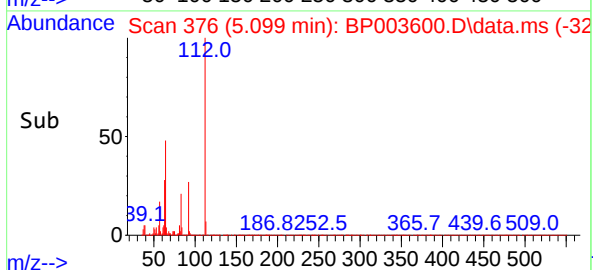
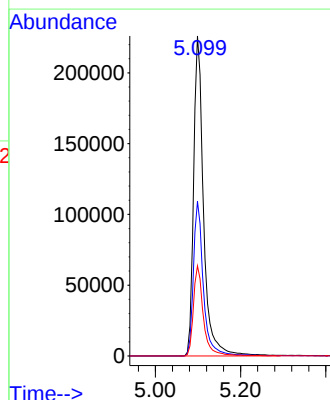
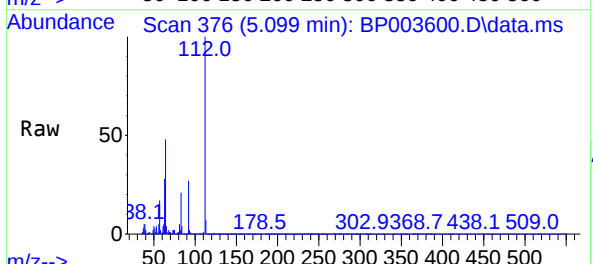
Instrument :  
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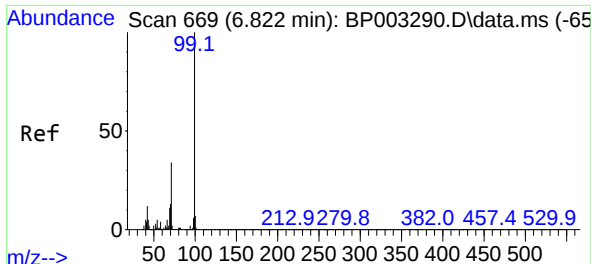
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 45189 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 156.3 | 123.8 | 185.6 |
| 115      | 62.7  | 43.8  | 65.6  |



#5  
2-Fluorophenol  
Concen: 142.14 ng  
RT: 5.099 min Scan# 376  
Delta R.T. -0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 367848 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 48.3  | 32.8  | 49.2   |
| 63       | 28.2  | 17.0  | 25.4   |

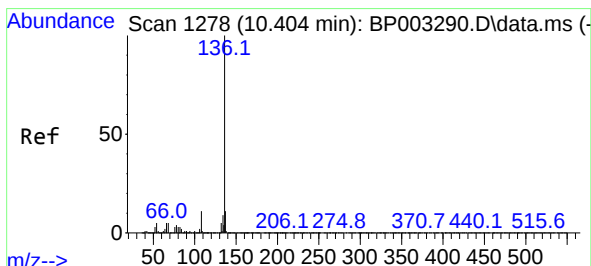
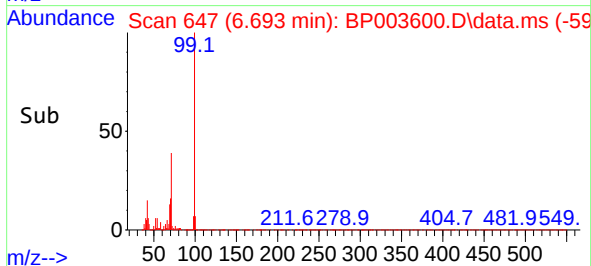
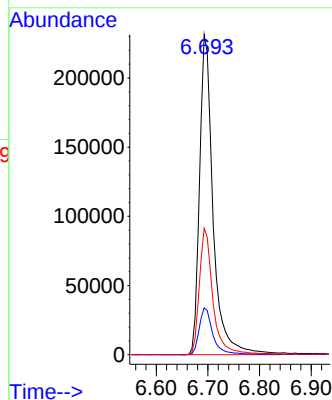
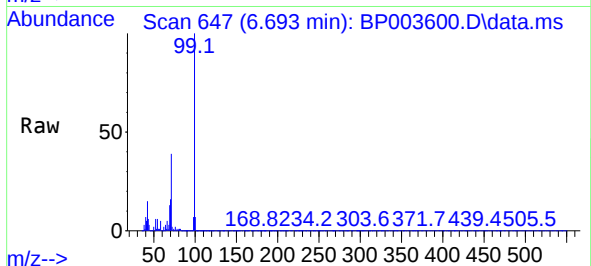




#7  
Phenol-d6  
Concen: 122.13 ng  
RT: 6.693 min Scan# 647  
Delta R.T. 0.006 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

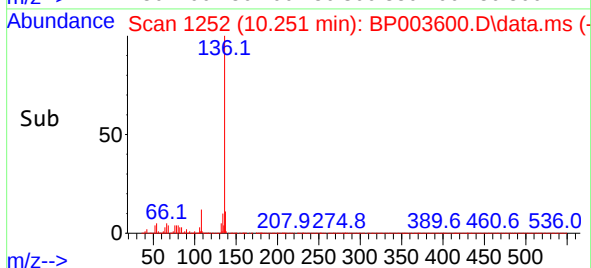
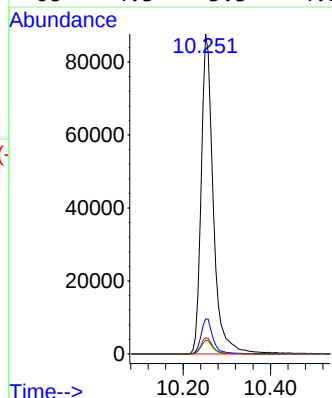
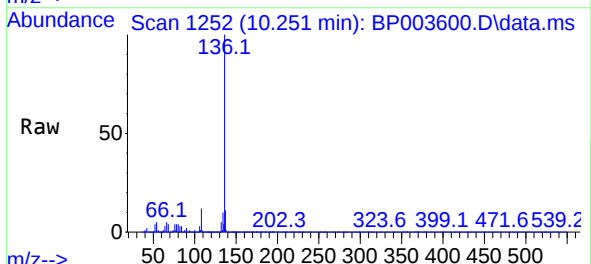
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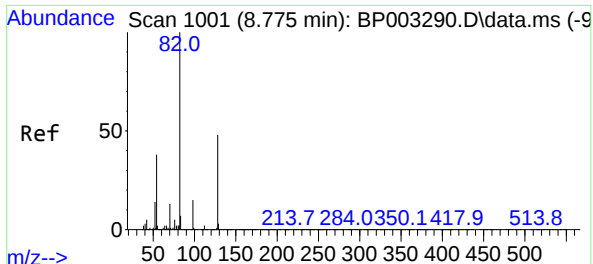
Tgt Ion: 99 Resp: 421285  
Ion Ratio Lower Upper  
99 100  
42 14.6 8.6 13.0#  
71 39.5 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.251 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

Tgt Ion: 136 Resp: 168935  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 5.1 3.6 5.4  
68 4.3 3.3 4.9

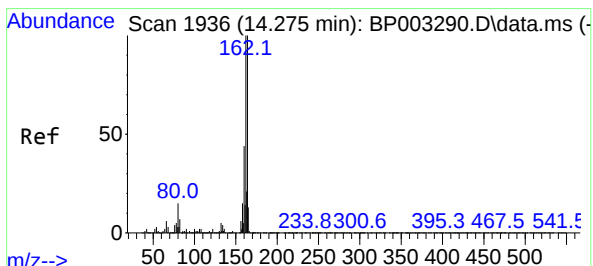
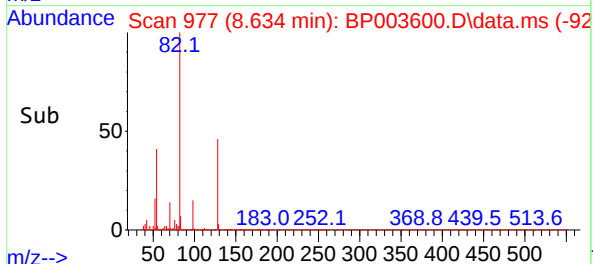
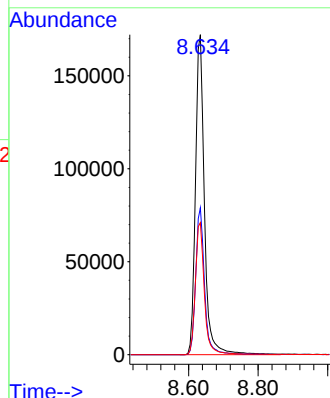
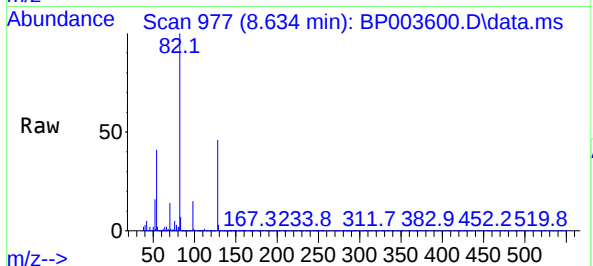




#23  
Nitrobenzene-d5  
Concen: 107.70 ng  
RT: 8.634 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

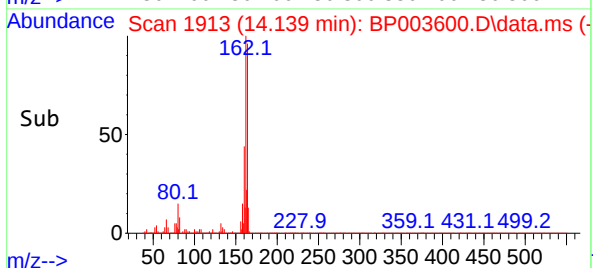
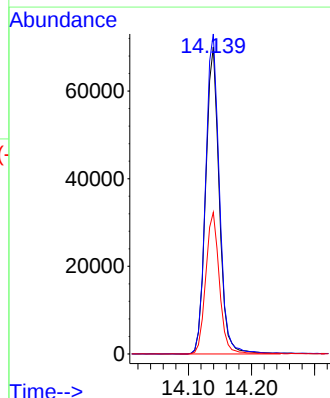
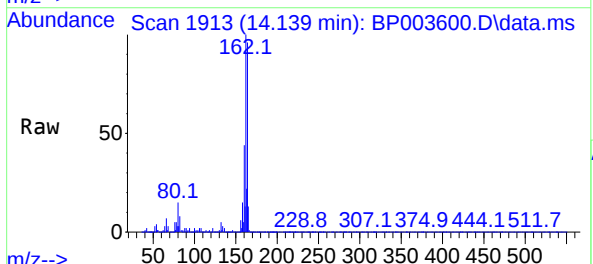
Instrument :  
BNA\_P  
ClientSampleId :  
12018

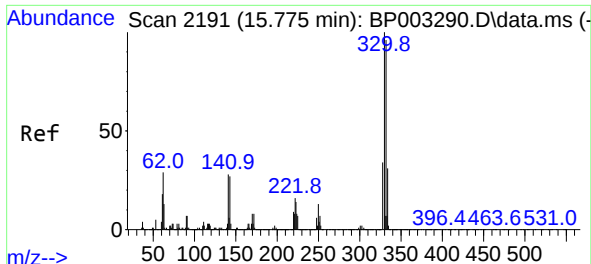
Tgt Ion: 82 Resp: 309694  
Ion Ratio Lower Upper  
82 100  
128 45.9 45.6 68.4  
54 41.2 30.1 45.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.139 min Scan# 1913  
Delta R.T. -0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

Tgt Ion: 164 Resp: 104749  
Ion Ratio Lower Upper  
164 100  
162 104.2 79.4 119.2  
160 46.1 36.1 54.1

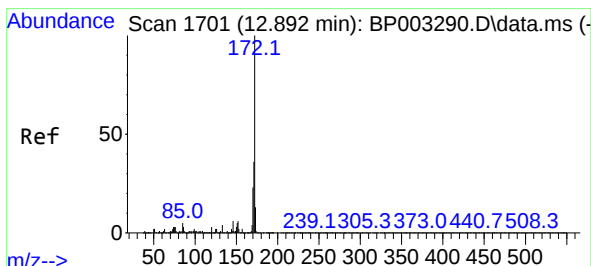
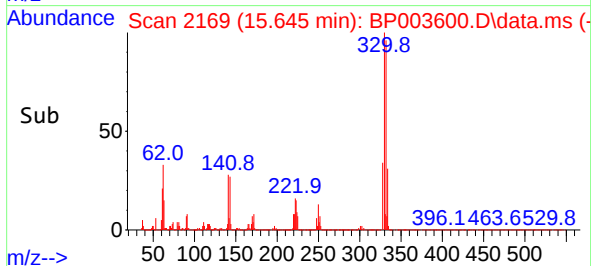
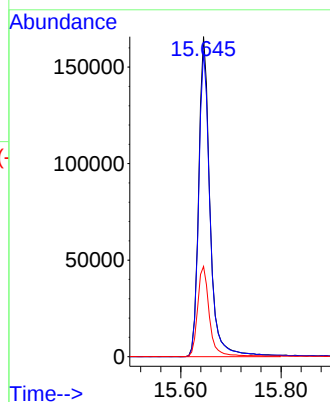
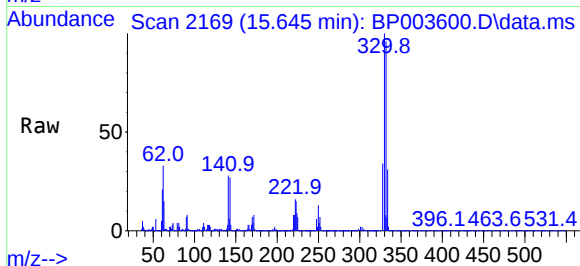




#42  
2,4,6-Tribromophenol  
Concen: 161.95 ng  
RT: 15.645 min Scan# 2169  
Delta R.T. -0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

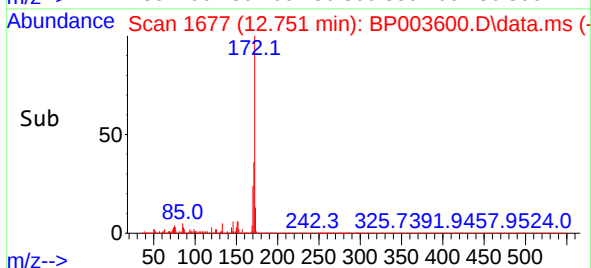
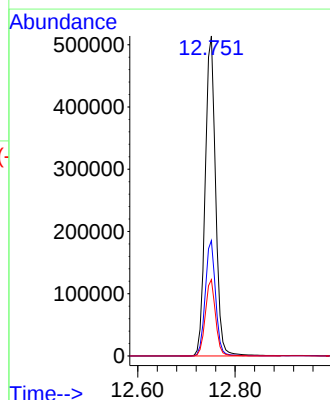
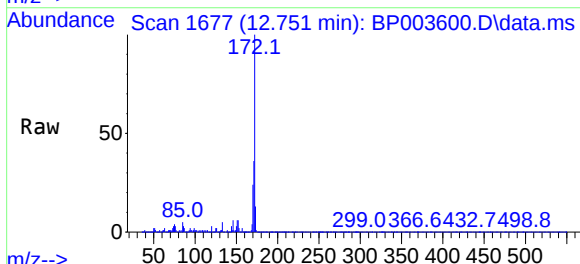
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12018

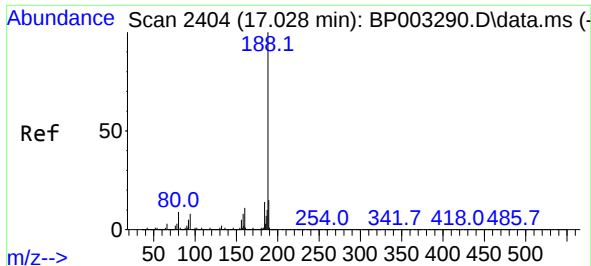
Tgt Ion:330 Resp: 258739  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.1 115.7  
141 29.1 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 106.38 ng  
RT: 12.751 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

Tgt Ion:172 Resp: 761889  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.5 42.7  
170 23.8 19.2 28.8

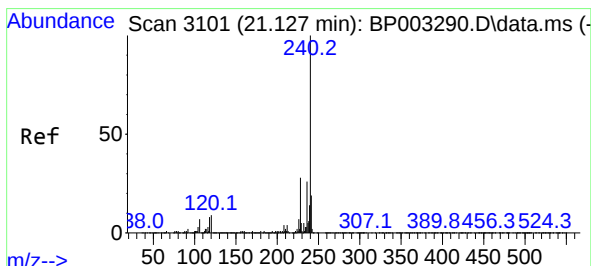
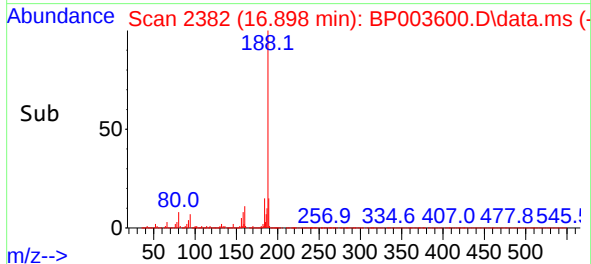
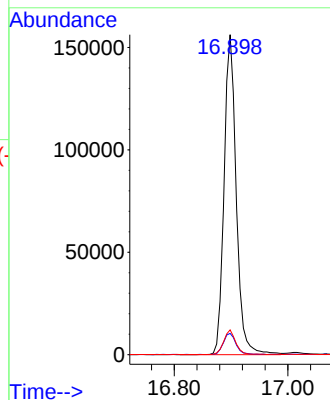
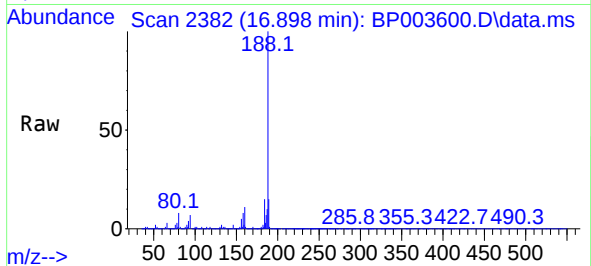




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.898 min Scan# 2382  
Delta R.T. -0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

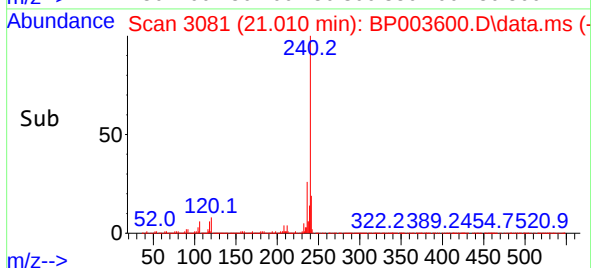
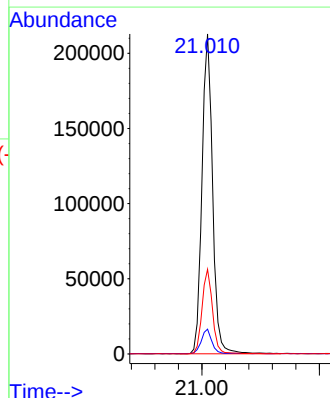
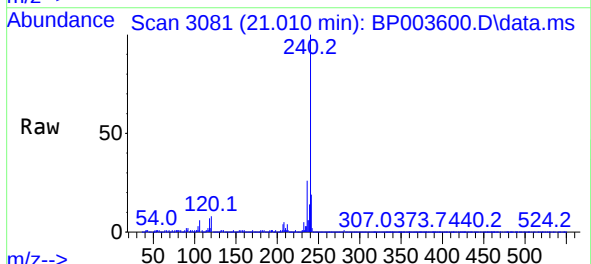
Instrument :  
BNA\_P  
ClientSampleId :  
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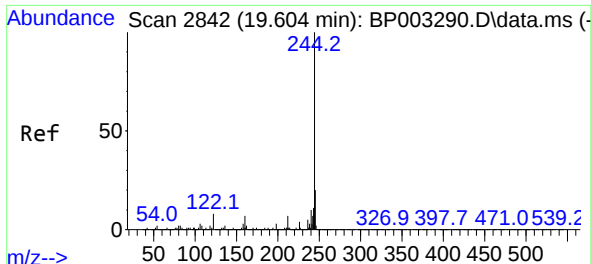
Tgt Ion:188 Resp: 233286  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.2 9.2  
80 7.7 6.2 9.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.010 min Scan# 3081  
Delta R.T. 0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

Tgt Ion:240 Resp: 266533  
Ion Ratio Lower Upper  
240 100  
120 7.8 7.8 11.6  
236 26.5 20.8 31.2

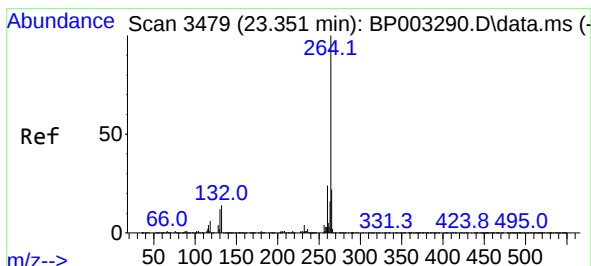
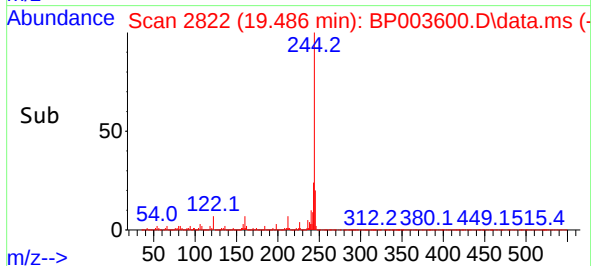
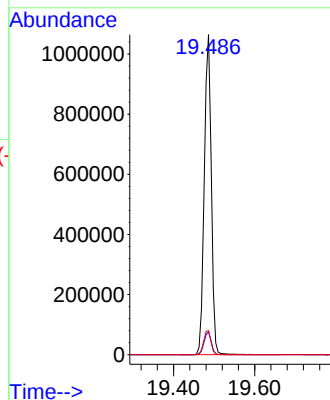
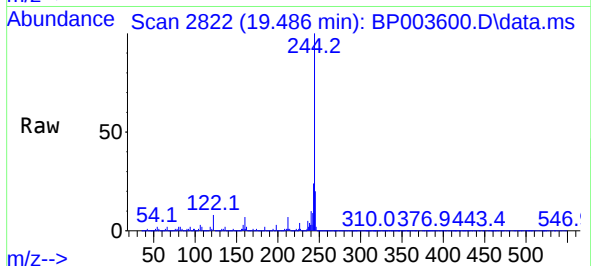




#79  
Terphenyl-d14  
Concen: 99.83 ng  
RT: 19.486 min Scan# 2822  
Delta R.T. -0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

Instrument :  
BNA\_P  
ClientSampled :  
12018

Tgt Ion:244 Resp: 1277034  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 7.5 7.8 11.8#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.174 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: BP003600.D  
Acq: 09 Oct 2020 18:55

Tgt Ion:264 Resp: 289796  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.8 28.2  
265 22.6 17.4 26.2

