

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102320\  
 Data File : BP003723.D  
 Acq On : 23 Oct 2020 16:36  
 Operator : CG/JU  
 Sample : L4491-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-1

Quant Time: Oct 23 17:27:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 19 14:54:24 2020  
 Response via : Initial Calibration

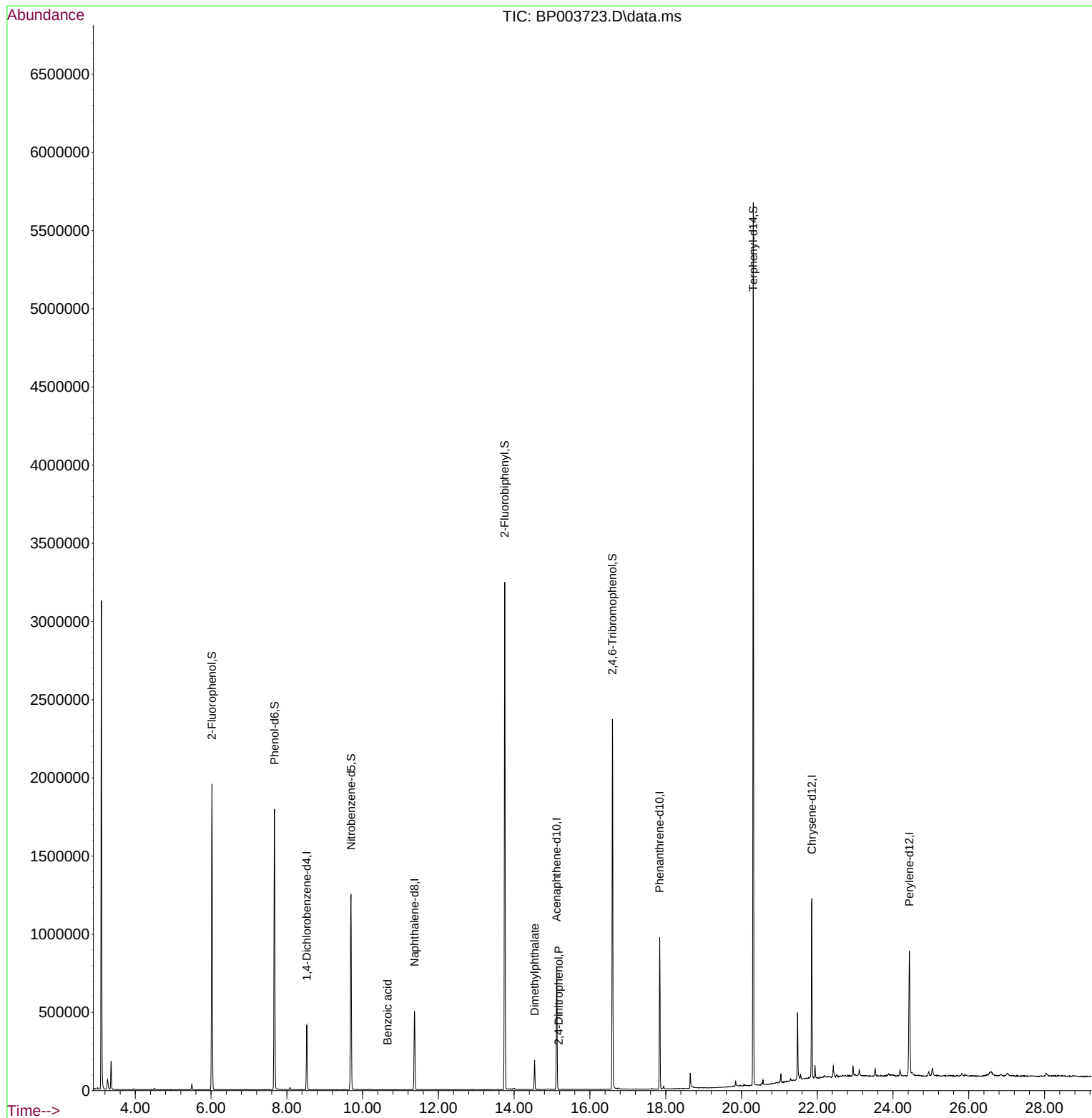
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.528  | 152  | 111877   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.369 | 136  | 404089   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.122 | 164  | 256124   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.839 | 188  | 573121   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12            | 21.857 | 240  | 617232   | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12            | 24.433 | 264  | 649294   | 20.00     | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 6.022  | 112  | 818816   | 122.39    | ng    | 0.00     |
| 7) Phenol-d6                | 7.675  | 99   | 1054008  | 111.50    | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.693  | 82   | 743596   | 77.85     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.592 | 330  | 469841   | 117.58    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.751 | 172  | 1584710  | 79.99     | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.310 | 244  | 2397623  | 68.32     | ng    | 0.00     |
| Target Compounds            |        |      |          |           |       |          |
|                             |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde             | 7.605  | 77   | 79       | Below Cal | #     | 21       |
| 32) Benzoic acid            | 10.657 | 122  | 64       | 5.06      | ng    | # 73     |
| 50) Dimethylphthalate       | 14.540 | 163  | 113347   | 5.39      | ng    | # 99     |
| 54) 2,4-Dinitrophenol       | 15.175 | 184  | 29       | 4.84      | ng    | # 26     |
| -----                       |        |      |          |           |       |          |

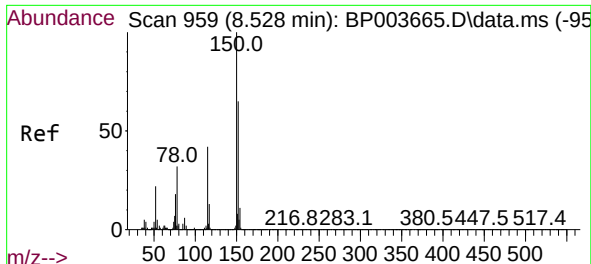
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 19 14:54:24 2020  
Response via : Initial Calibration

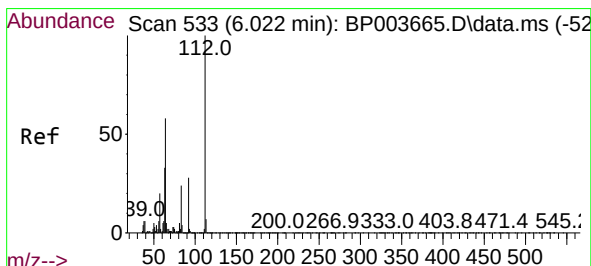
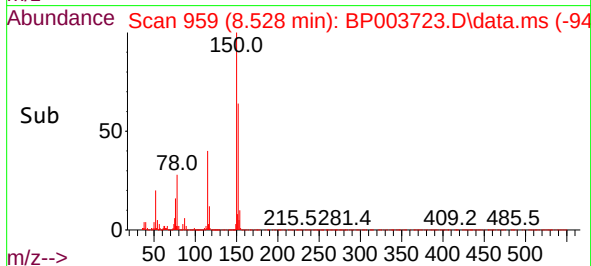
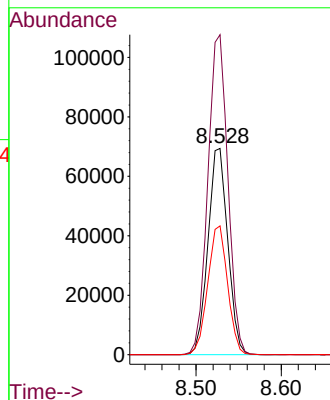
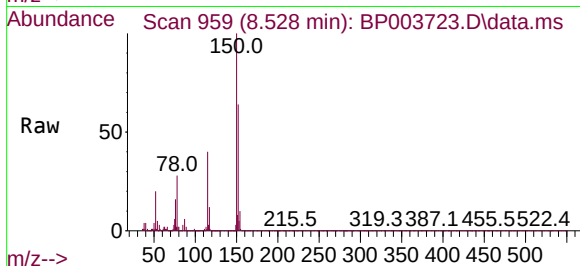




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.528 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

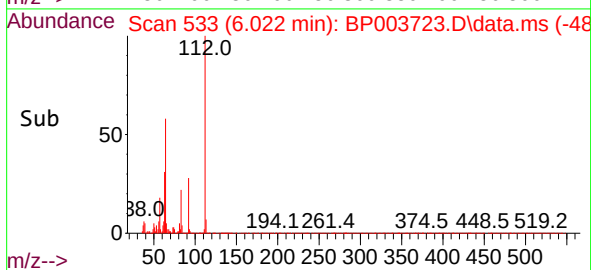
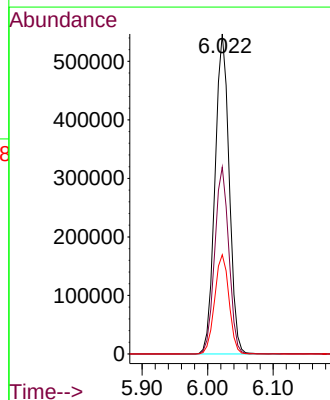
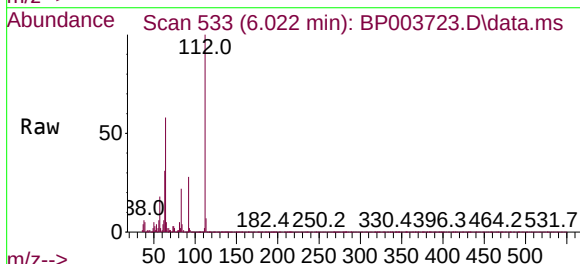
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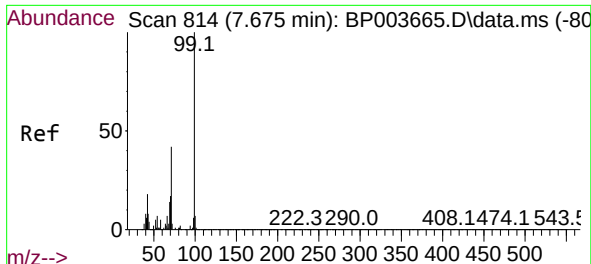
Tgt Ion:152 Resp: 111877  
Ion Ratio Lower Upper  
152 100  
150 155.1 123.8 185.6  
115 62.5 43.8 65.6



#5  
2-Fluorophenol  
Concen: 122.39 ng  
RT: 6.022 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

Tgt Ion:112 Resp: 818816  
Ion Ratio Lower Upper  
112 100  
64 58.4 32.8 49.2#  
63 31.0 17.0 25.4#

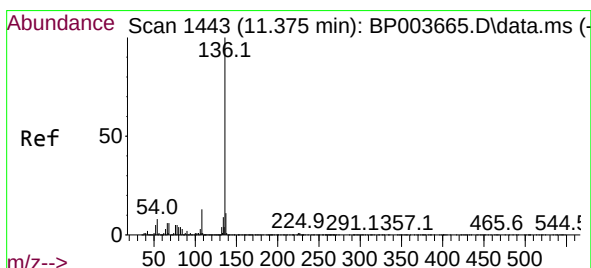
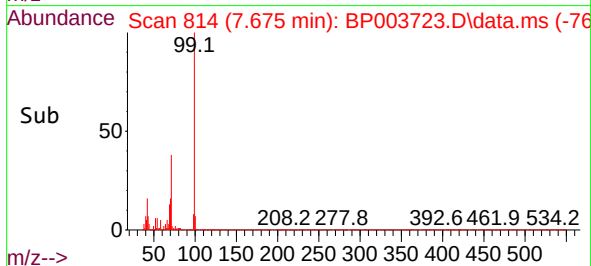
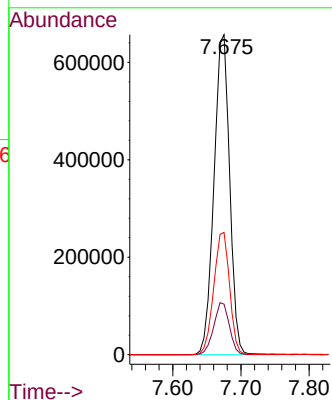
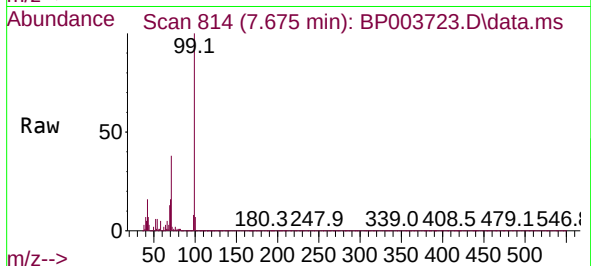




#7  
Phenol-d6  
Concen: 111.50 ng  
RT: 7.675 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

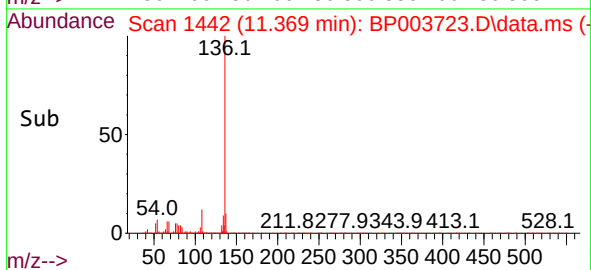
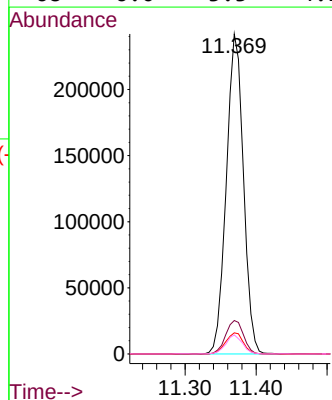
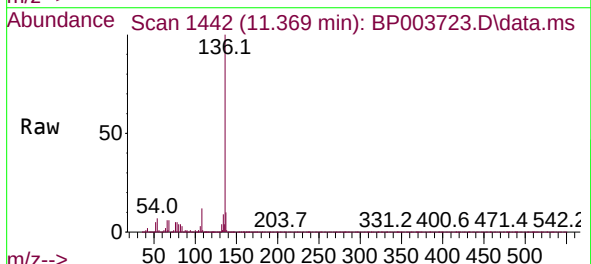
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ClientSampleId :  
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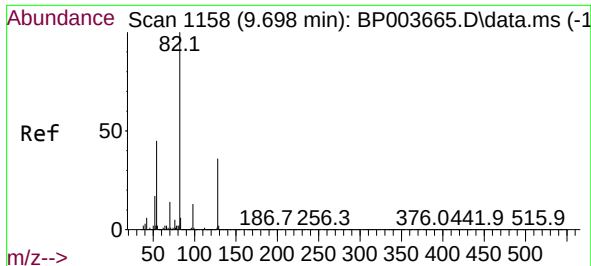
Tgt Ion: 99 Resp: 1054008  
Ion Ratio Lower Upper  
99 100  
42 15.8 8.6 13.0#  
71 38.2 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.369 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

Tgt Ion: 136 Resp: 404089  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 6.6 3.6 5.4#  
68 6.0 3.3 4.9#

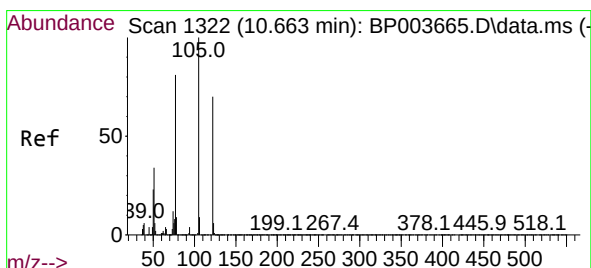
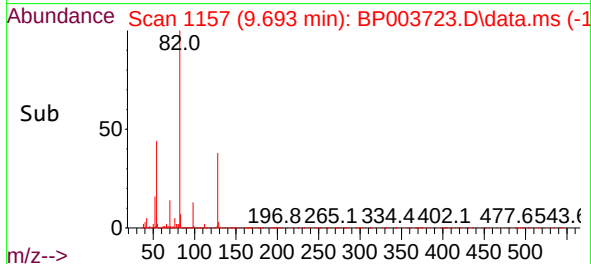
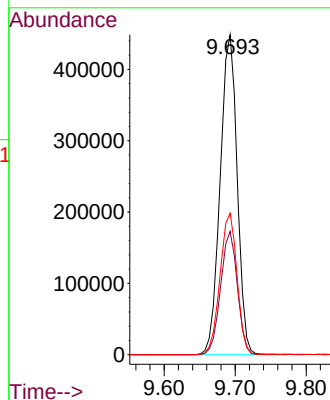
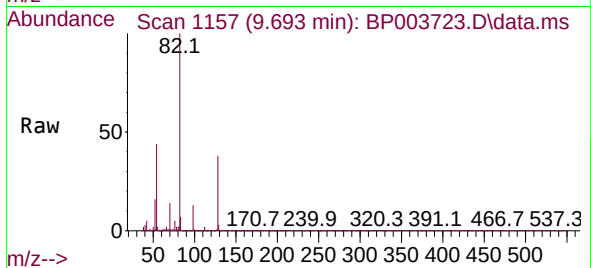




#23  
Nitrobenzene-d5  
Concen: 77.85 ng  
RT: 9.693 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

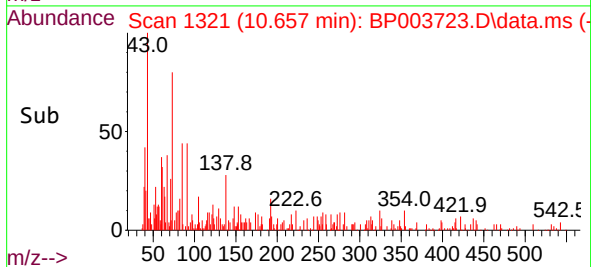
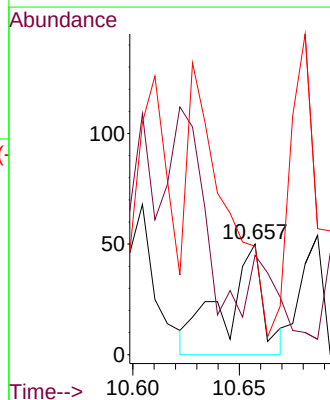
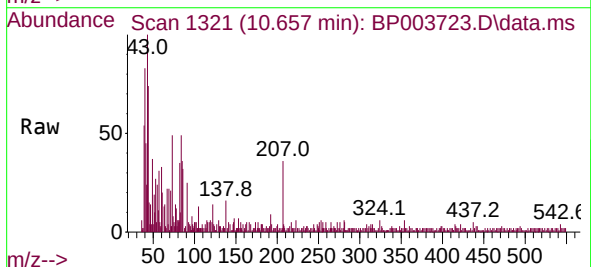
Instrument :  
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ClientSampleId :  
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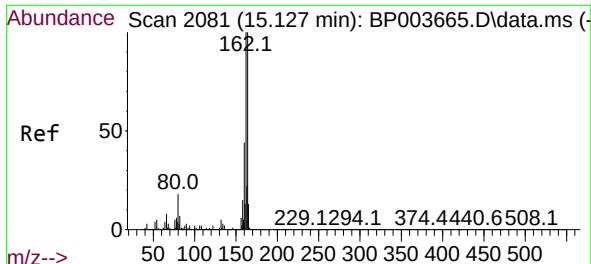
Tgt Ion: 82 Resp: 743596  
Ion Ratio Lower Upper  
82 100  
128 38.5 45.6 68.4#  
54 44.2 30.1 45.1



#32  
Benzoic acid  
Concen: 5.06 ng  
RT: 10.657 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

Tgt Ion: 122 Resp: 64  
Ion Ratio Lower Upper  
122 100  
105 90.0 94.1 134.1#  
77 98.0 50.1 90.1#

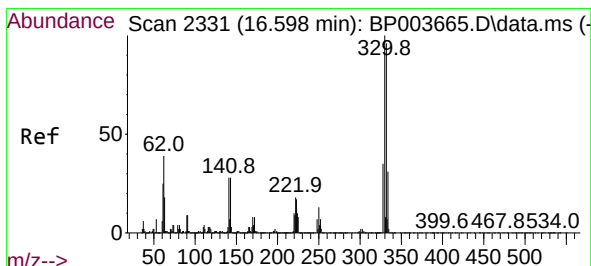
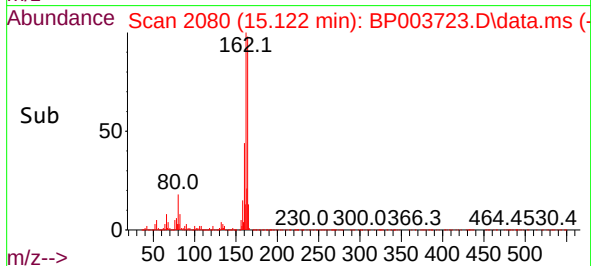
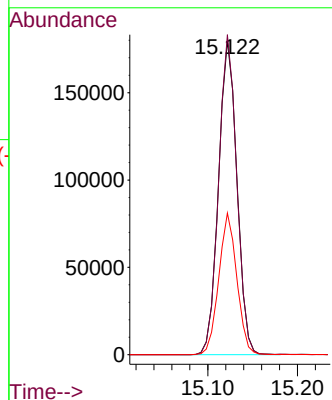
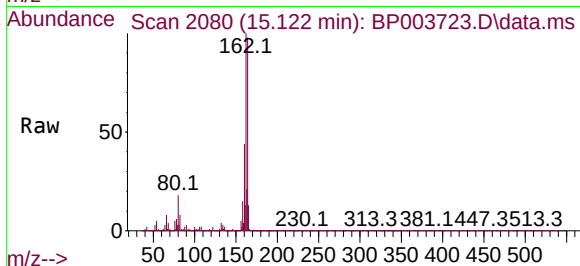




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.122 min Scan# 2080  
Delta R.T. -0.005 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

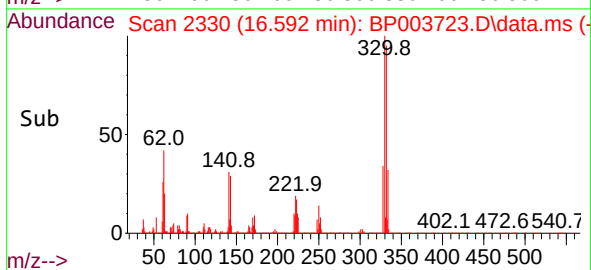
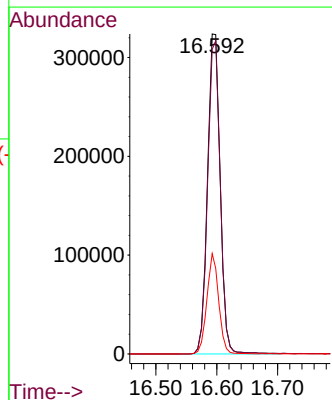
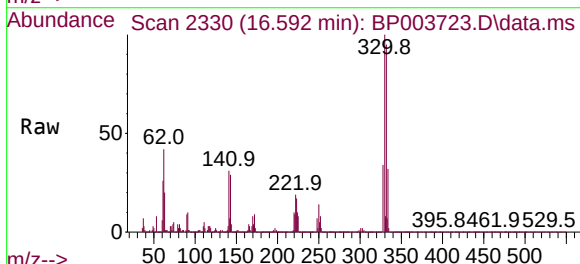
Instrument :  
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ClientSampleId :  
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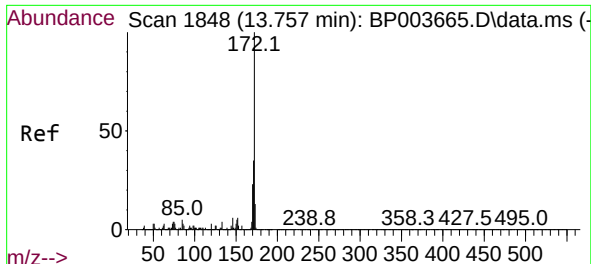
Tgt Ion:164 Resp: 256124  
Ion Ratio Lower Upper  
164 100  
162 102.0 79.4 119.2  
160 45.2 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 117.58 ng  
RT: 16.592 min Scan# 2330  
Delta R.T. -0.006 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

Tgt Ion:330 Resp: 469841  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.1 115.7  
141 29.2 23.4 35.2

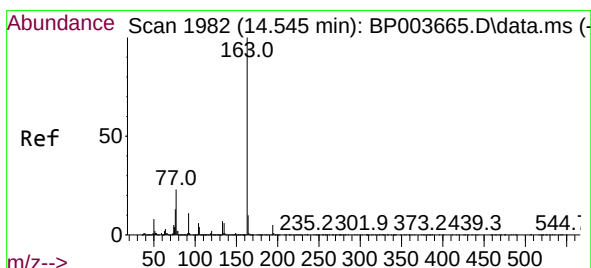
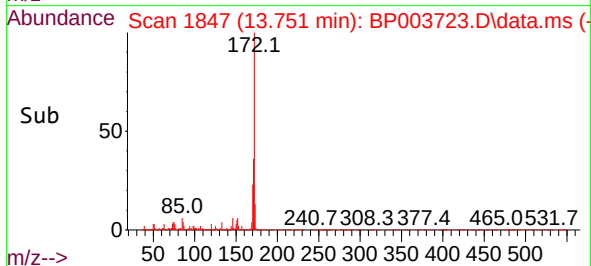
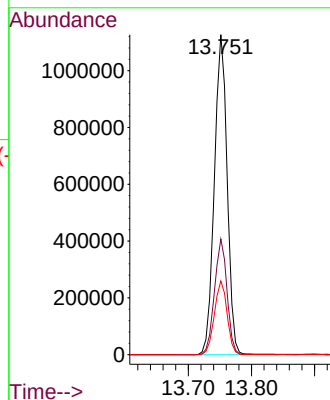
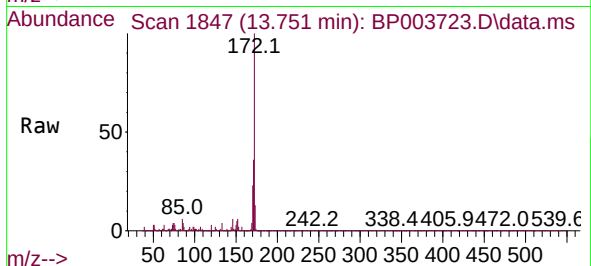




#45  
2-Fluorobiphenyl  
Concen: 79.99 ng  
RT: 13.751 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

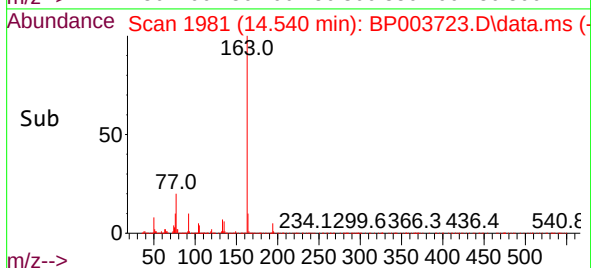
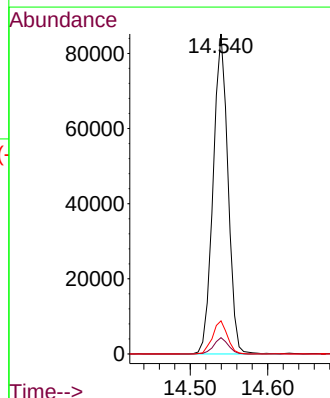
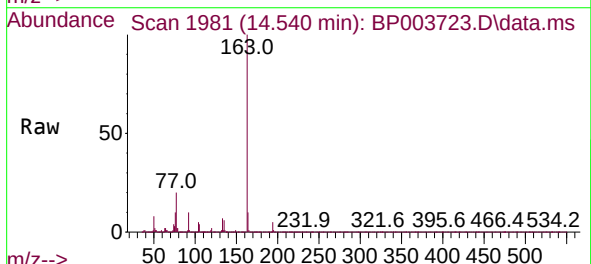
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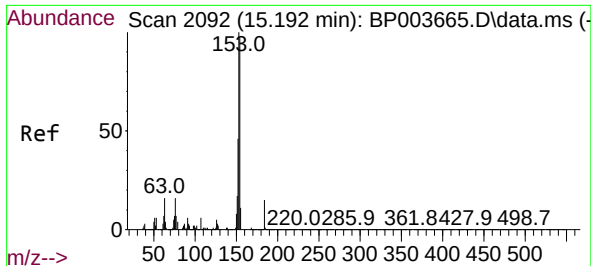
Tgt Ion:172 Resp: 1584710  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 23.1 19.2 28.8



#50  
Dimethylphthalate  
Concen: 5.39 ng  
RT: 14.540 min Scan# 1981  
Delta R.T. -0.006 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

Tgt Ion:163 Resp: 113347  
Ion Ratio Lower Upper  
163 100  
194 5.1 3.3 4.9#  
164 10.3 8.2 12.2

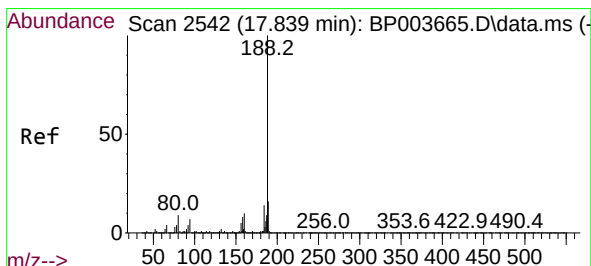
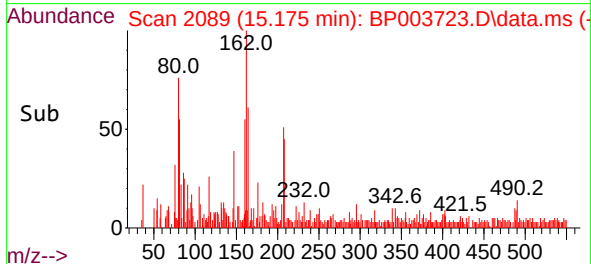
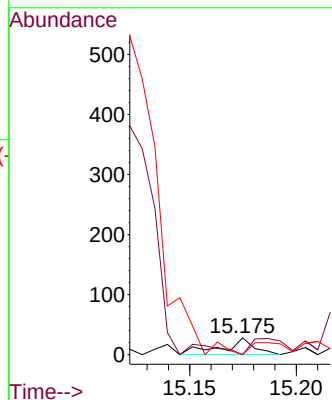
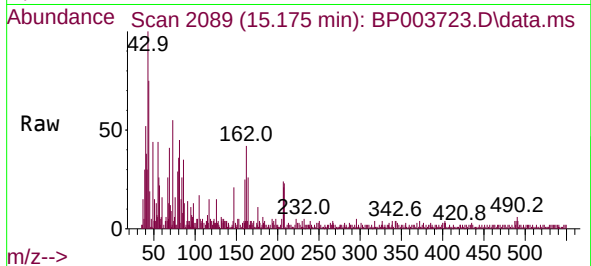




#54  
2,4-Dinitrophenol  
Concen: 4.84 ng  
RT: 15.175 min Scan# 2089  
Delta R.T. -0.017 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

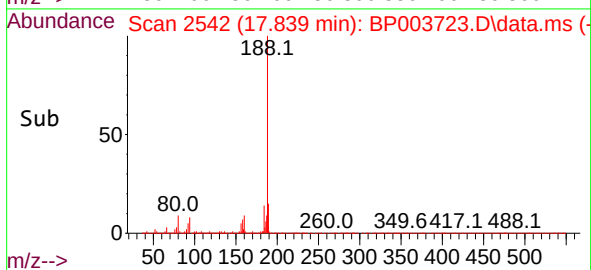
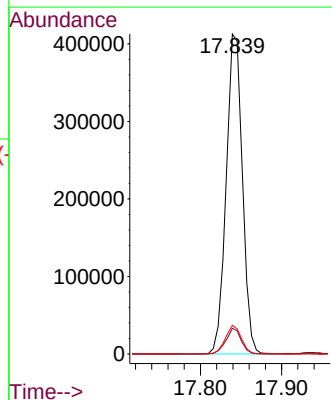
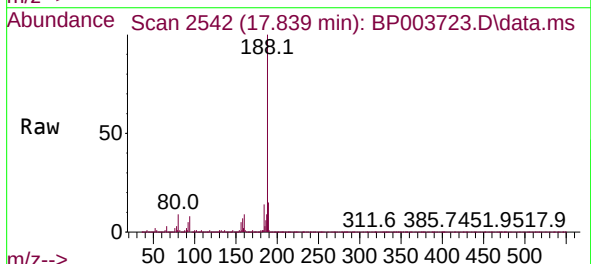
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Tgt Ion:184 Resp: 29  
Ion Ratio Lower Upper  
184 100  
63 0.0 32.3 48.5#  
154 0.0 49.1 73.7#

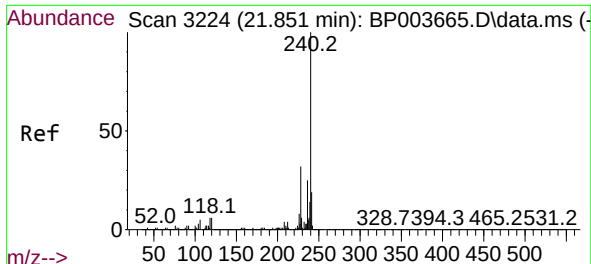


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.839 min Scan# 2542  
Delta R.T. 0.000 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

Tgt Ion:188 Resp: 573121  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.2 9.2  
80 9.0 6.2 9.2



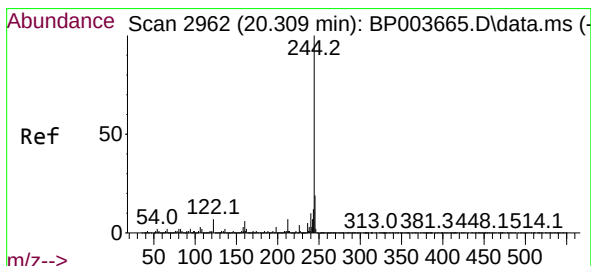
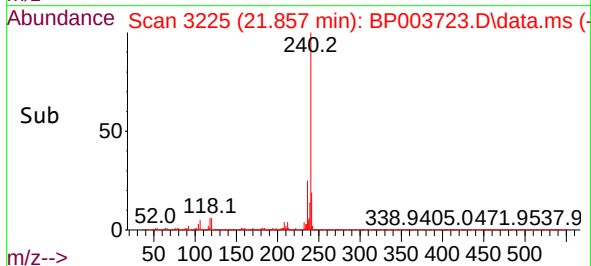
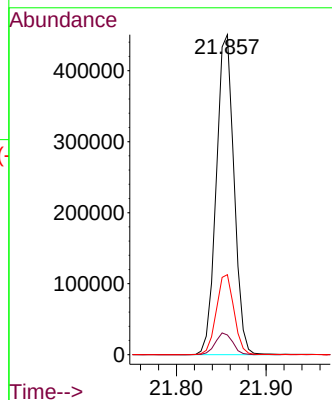
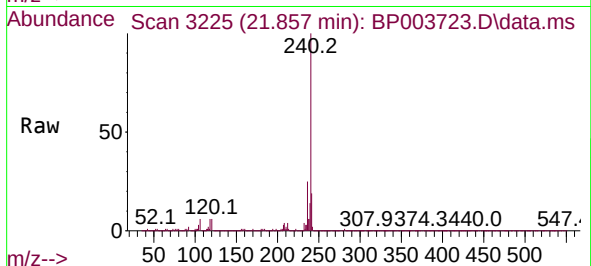




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.857 min Scan# 3225  
Delta R.T. 0.006 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

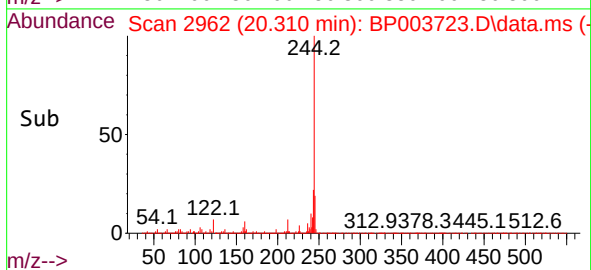
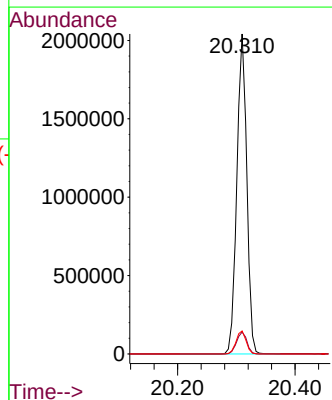
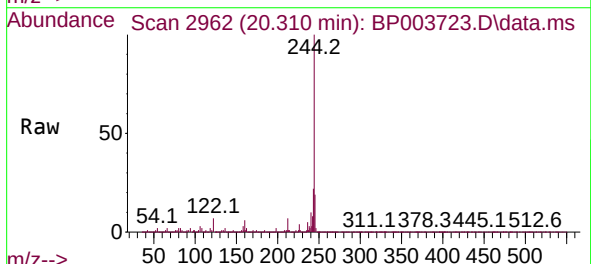
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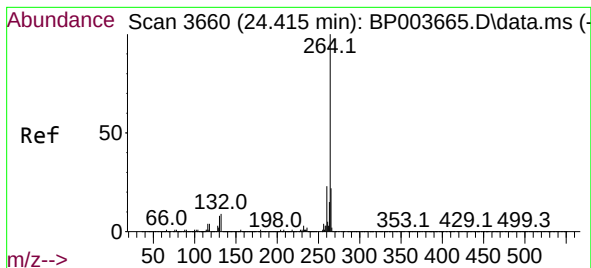
Tgt Ion:240 Resp: 617232  
Ion Ratio Lower Upper  
240 100  
120 6.2 7.8 11.6#  
236 25.0 20.8 31.2



#79  
Terphenyl-d14  
Concen: 68.32 ng  
RT: 20.310 min Scan# 2962  
Delta R.T. 0.000 min  
Lab File: BP003723.D  
Acq: 23 Oct 2020 16:36

Tgt Ion:244 Resp: 2397623  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.8 8.6  
122 7.2 7.8 11.8#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.433 min Scan# 3663  
 Delta R.T. 0.018 min  
 Lab File: BP003723.D  
 Acq: 23 Oct 2020 16:36

Instrument :  
 BNA\_P  
 ClientSampleId :  
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Tgt Ion:264 Resp: 649294  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.8 28.2  
 265 21.7 17.4 26.2

