

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022021\  
 Data File : BP004841.D  
 Acq On : 20 Feb 2021 14:12  
 Operator : CG/JU  
 Sample : PB134716BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB134716BL

Quant Time: Feb 22 04:31:06 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 12:04:44 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.758  | 152  | 38701    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.552 | 136  | 144249   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.404 | 164  | 87918    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.157 | 188  | 203475   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.239 | 240  | 231687   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 23.539 | 264  | 241478   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.352  | 112  | 328268   | 130.96 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 409958   | 118.93 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.916  | 82   | 255359   | 77.13  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.898 | 330  | 156669   | 134.13 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.022 | 172  | 573553   | 79.74  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.722 | 244  | 996546   | 72.25  | ng    | -0.01    |

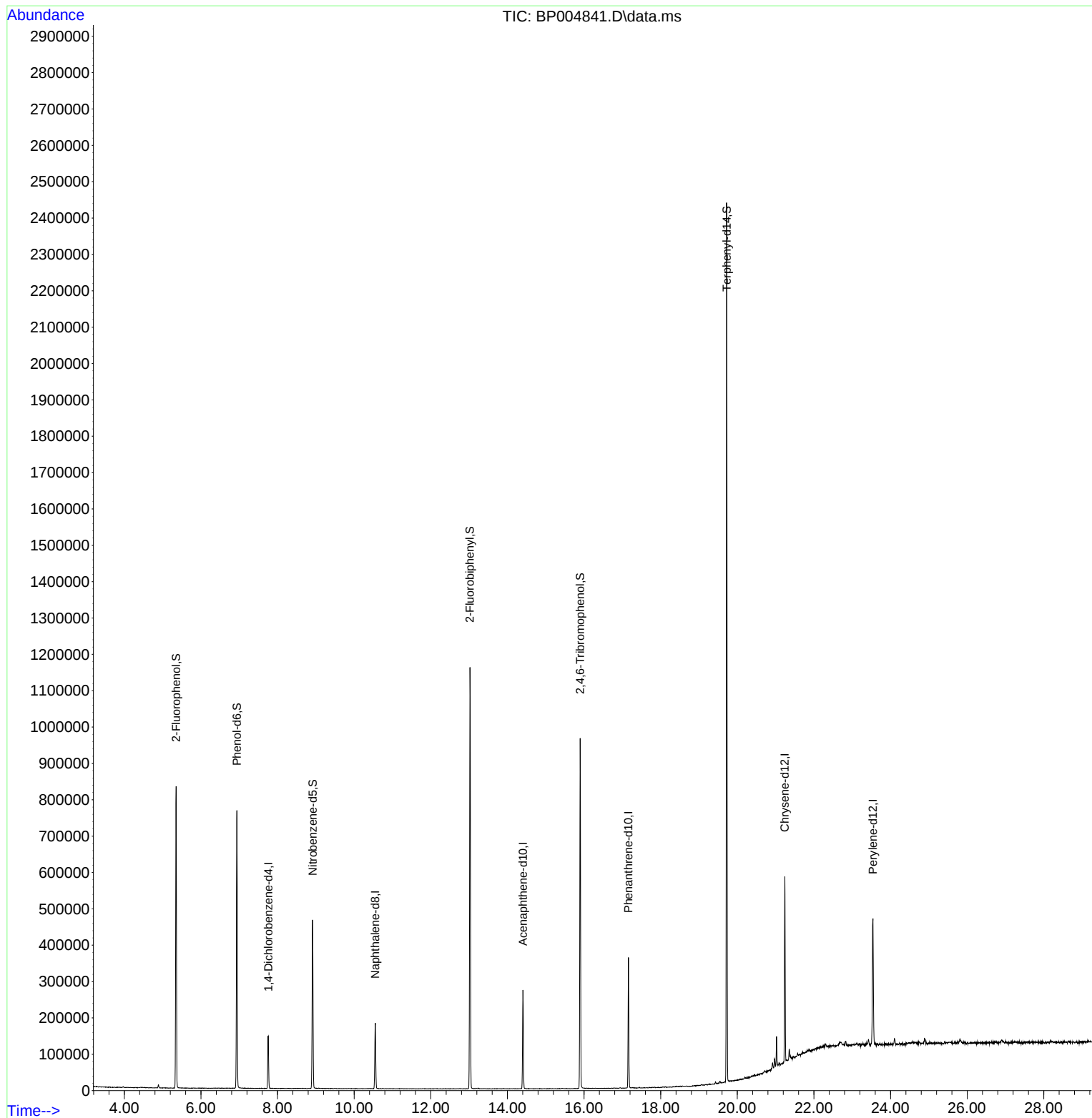
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

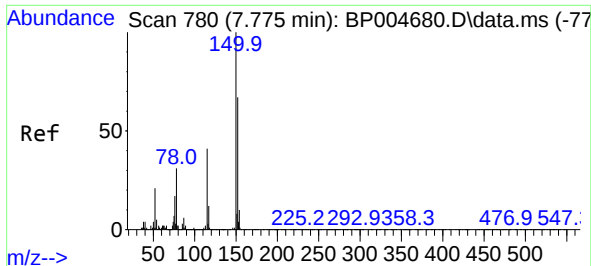
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022021\  
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Response via : Initial Calibration

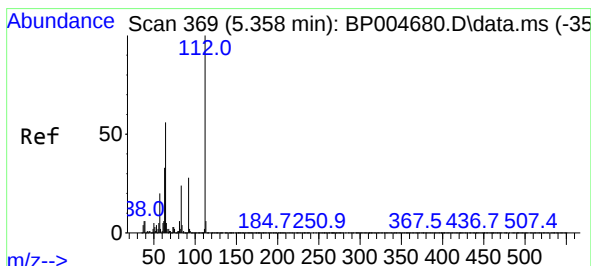
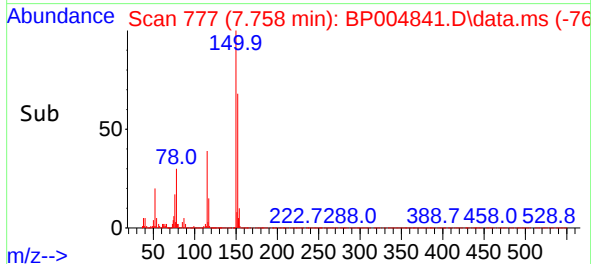
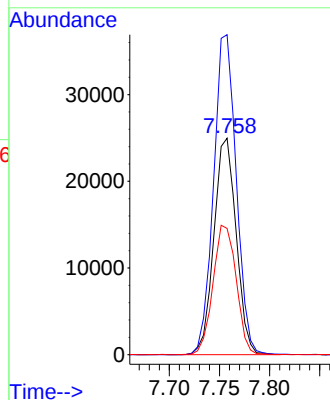
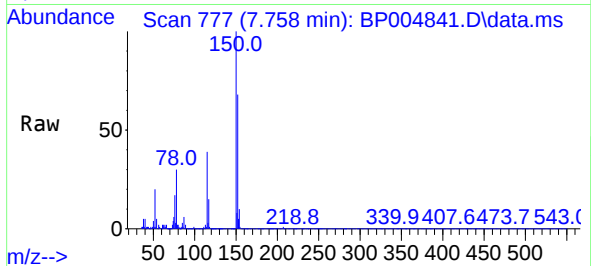




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.758 min Scan# 777  
Delta R.T. -0.005 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

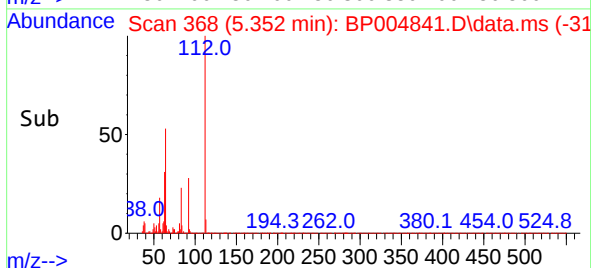
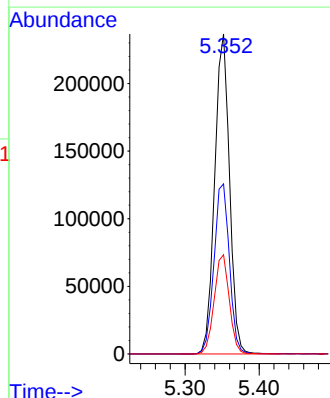
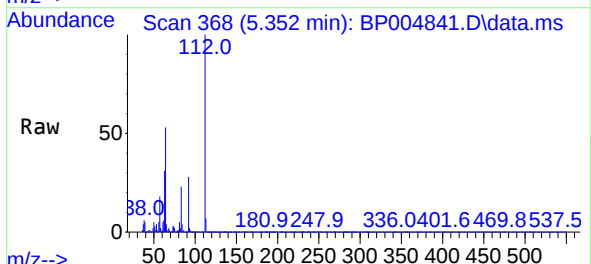
Instrument :  
BNA\_P  
ClientSampleId :  
PB134716BL

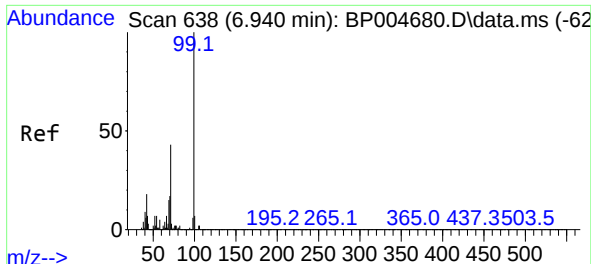
Tgt Ion:152 Resp: 38701  
Ion Ratio Lower Upper  
152 100  
150 147.8 123.8 185.6  
115 58.3 43.8 65.6



#5  
2-Fluorophenol  
Concen: 130.96 ng  
RT: 5.352 min Scan# 368  
Delta R.T. 0.000 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

Tgt Ion:112 Resp: 328268  
Ion Ratio Lower Upper  
112 100  
64 53.1 32.8 49.2#  
63 31.0 17.0 25.4#

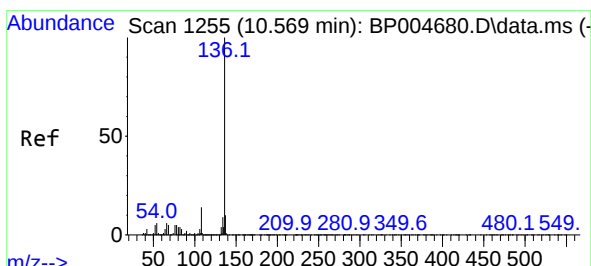
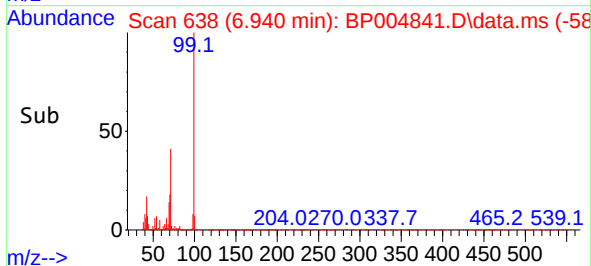
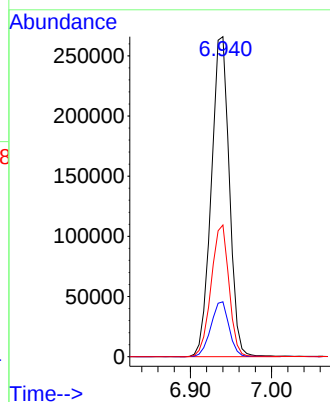
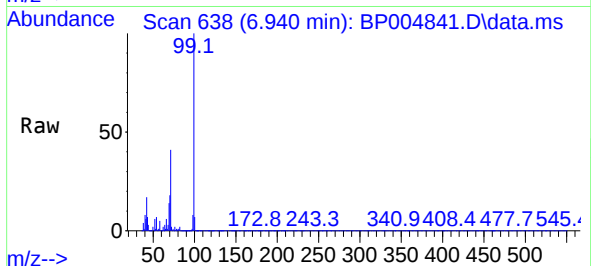




#7  
Phenol-d6  
Concen: 118.93 ng  
RT: 6.940 min Scan# 638  
Delta R.T. -0.006 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

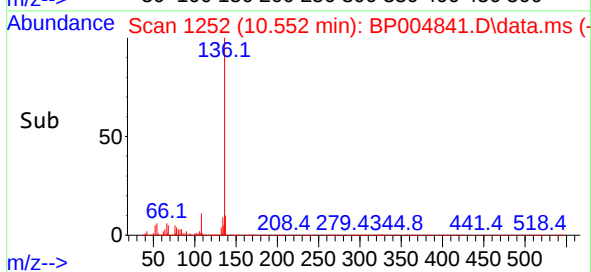
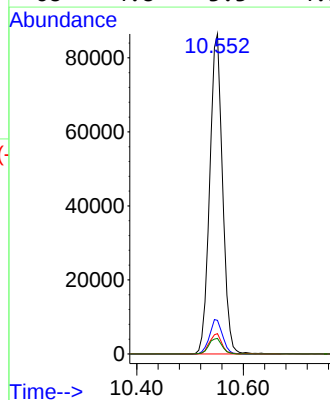
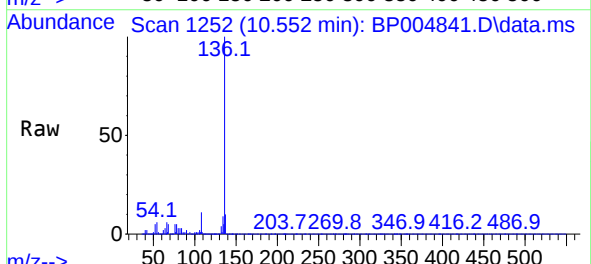
Instrument :  
BNA\_P  
ClientSampleId :  
PB134716BL

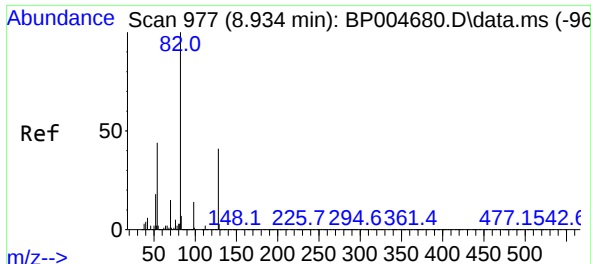
Tgt Ion: 99 Resp: 409958  
Ion Ratio Lower Upper  
99 100  
42 17.2 8.6 13.0#  
71 41.2 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.552 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

Tgt Ion: 136 Resp: 144249  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 6.4 3.6 5.4#  
68 4.8 3.3 4.9

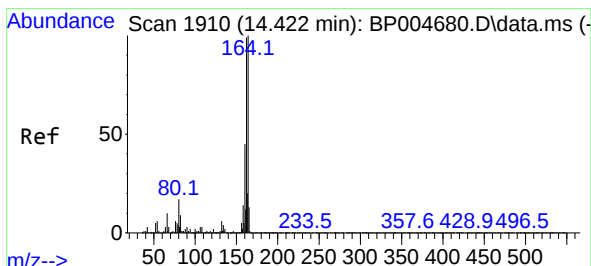
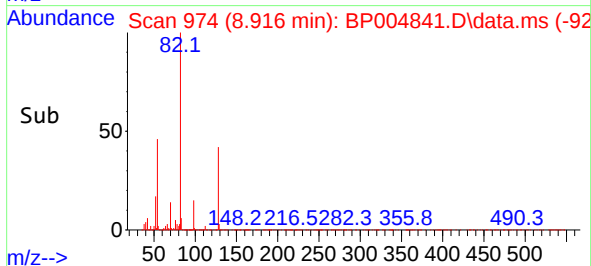
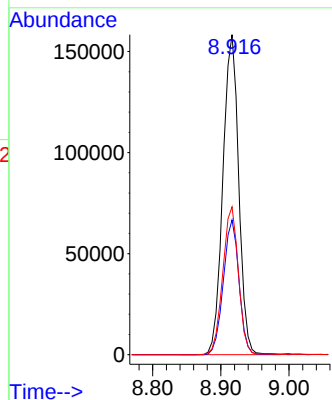
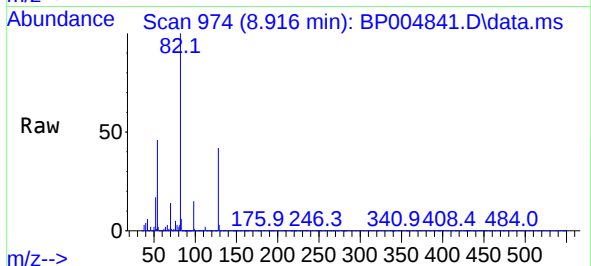




#23  
Nitrobenzene-d5  
Concen: 77.13 ng  
RT: 8.916 min Scan# 974  
Delta R.T. -0.005 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

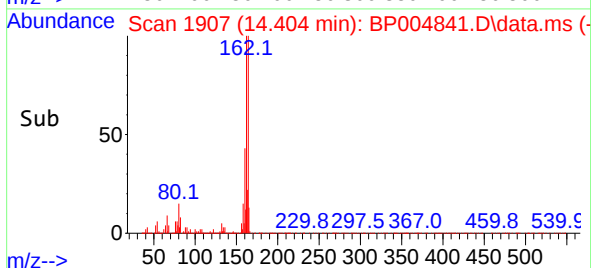
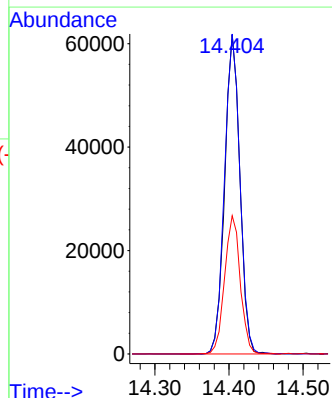
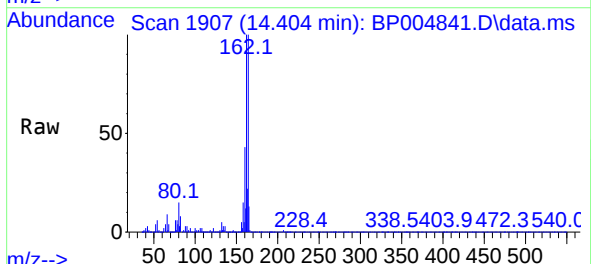
Instrument :  
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ClientSampleId :  
PB134716BL

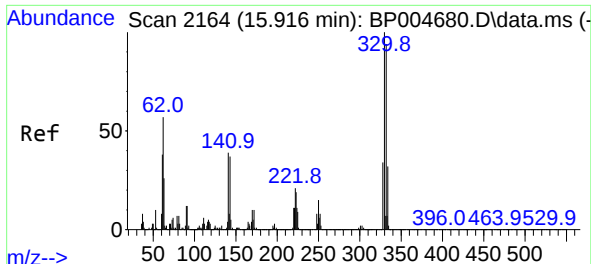
Tgt Ion: 82 Resp: 255359  
Ion Ratio Lower Upper  
82 100  
128 42.1 45.6 68.4#  
54 46.2 30.1 45.1#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.404 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

Tgt Ion: 164 Resp: 87918  
Ion Ratio Lower Upper  
164 100  
162 100.2 79.4 119.2  
160 43.3 36.1 54.1

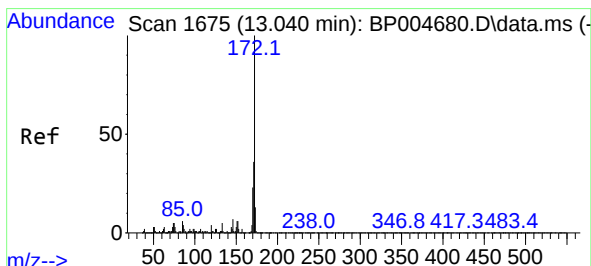
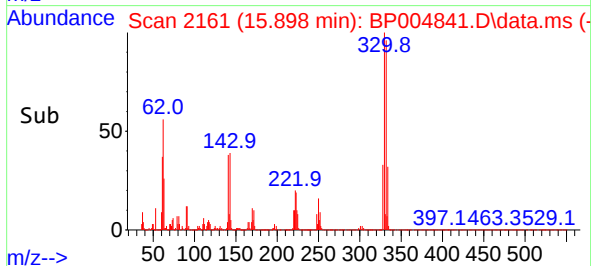
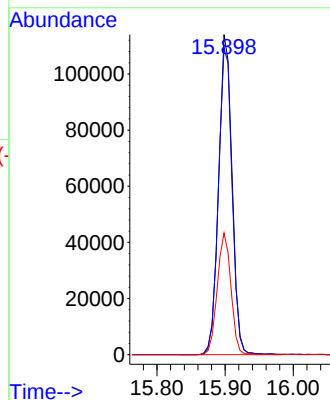
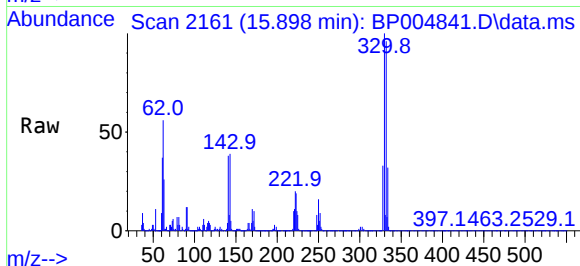




#42  
2,4,6-Tribromophenol  
Concen: 134.13 ng  
RT: 15.898 min Scan# 2161  
Delta R.T. -0.011 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

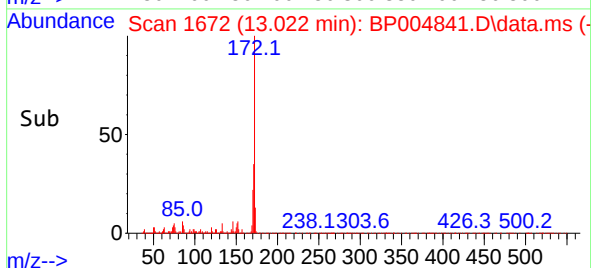
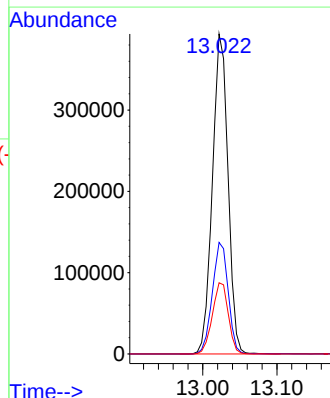
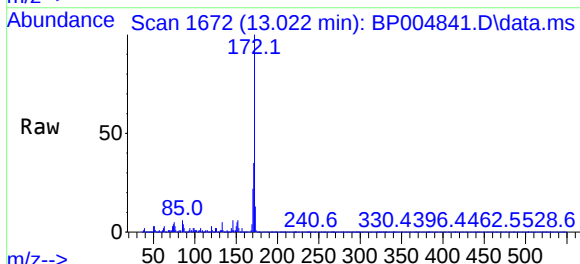
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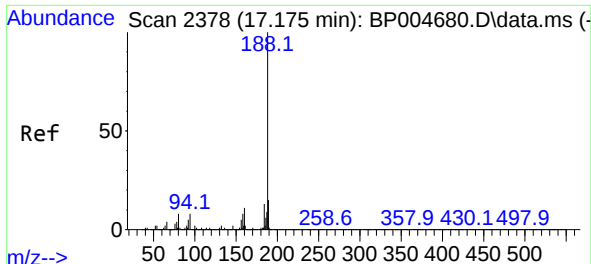
Tgt Ion:330 Resp: 156669  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.1 115.7  
141 38.6 23.4 35.2#



#45  
2-Fluorobiphenyl  
Concen: 79.74 ng  
RT: 13.022 min Scan# 1672  
Delta R.T. -0.006 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

Tgt Ion:172 Resp: 573553  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.5 42.7  
170 22.2 19.2 28.8

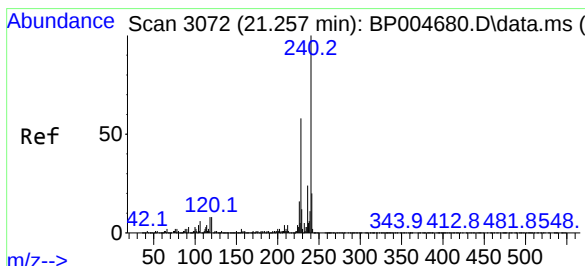
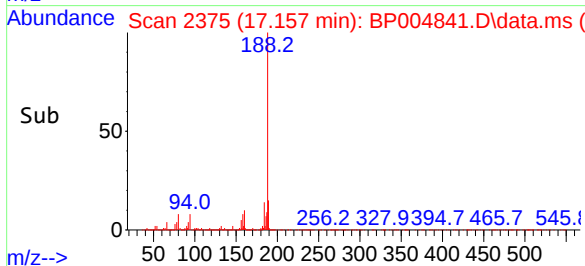
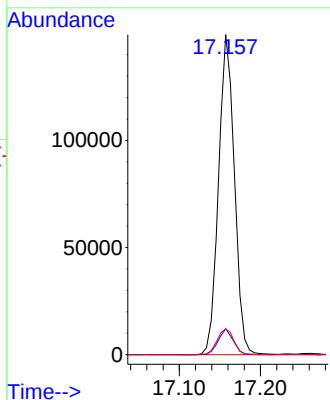
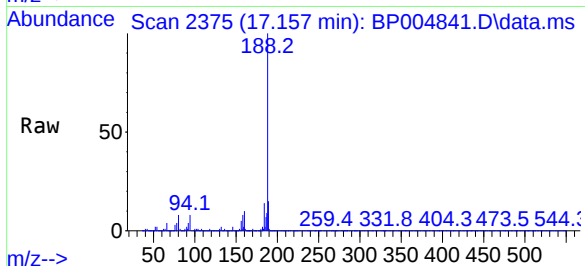




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.157 min Scan# 2375  
Delta R.T. -0.006 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

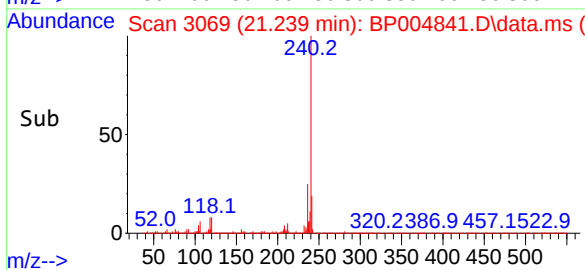
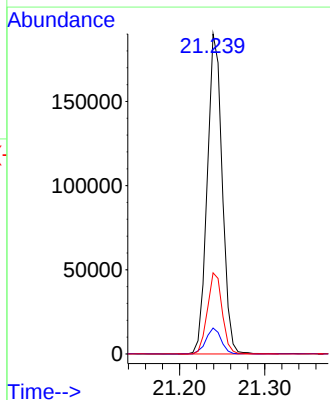
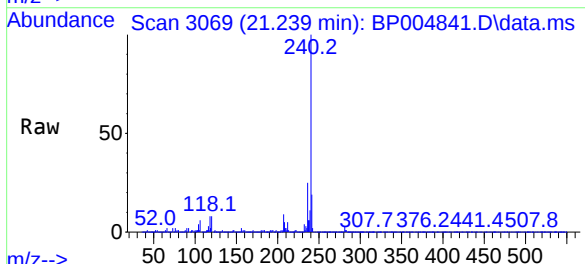
Instrument :  
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ClientSampleId :  
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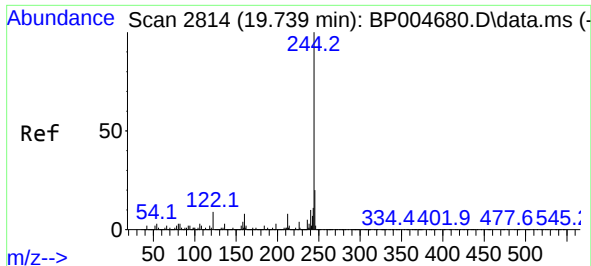
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 203475 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.1      | 6.2 9.2      |
| 80 8.0      | 6.2 9.2      |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.239 min Scan# 3069  
Delta R.T. -0.011 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:240 | Resp: 231687 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 240 100     |              |       |  |
| 120 8.1     | 7.8          | 11.6  |  |
| 236 25.4    | 20.8         | 31.2  |  |

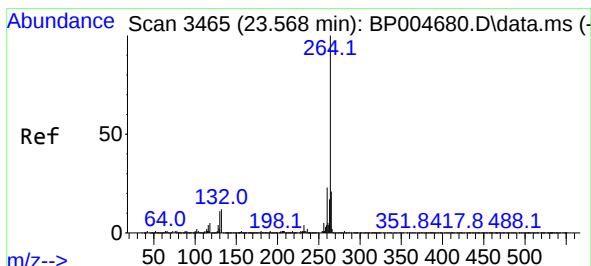
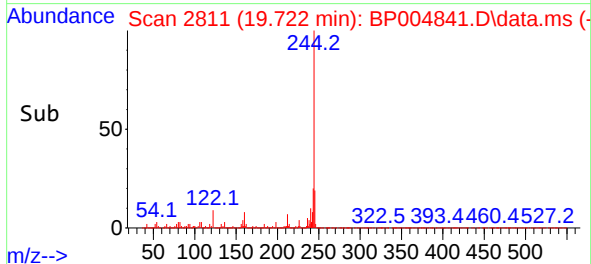
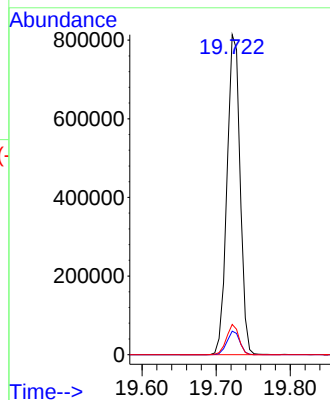
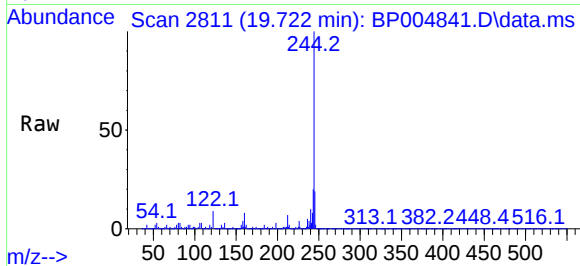




#79  
Terphenyl-d14  
Concen: 72.25 ng  
RT: 19.722 min Scan# 2811  
Delta R.T. -0.011 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

Instrument :  
BNA\_P  
ClientSampleId :  
PB134716BL

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 996546 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.4   | 5.8   | 8.6    |
| 122       | 9.4   | 7.8   | 11.8   |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.539 min Scan# 3460  
Delta R.T. -0.017 min  
Lab File: BP004841.D  
Acq: 20 Feb 2021 14:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 241478 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.1  | 18.8  | 28.2   |
| 265       | 22.2  | 17.4  | 26.2   |

