

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051221\  
 Data File : BP005516.D  
 Acq On : 12 May 2021 21:56  
 Operator : CG/JU  
 Sample : M2322-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-4-20210505

Quant Time: May 13 03:28:23 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 11 11:20:59 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.687  | 152  | 12672    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.481 | 136  | 32292    | 20.00  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.339 | 164  | 25123    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.092 | 188  | 68768    | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.192 | 240  | 99431    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.504 | 264  | 106688   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.281  | 112  | 72521    | 109.83 | ng    | 0.00     |
| 7) Phenol-d6                | 6.887  | 99   | 43574    | 52.92  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.857  | 82   | 105231   | 128.26 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.839 | 330  | 117366   | 164.63 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.963 | 172  | 250459   | 112.46 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.669 | 244  | 624573   | 106.68 | ng    | 0.00     |

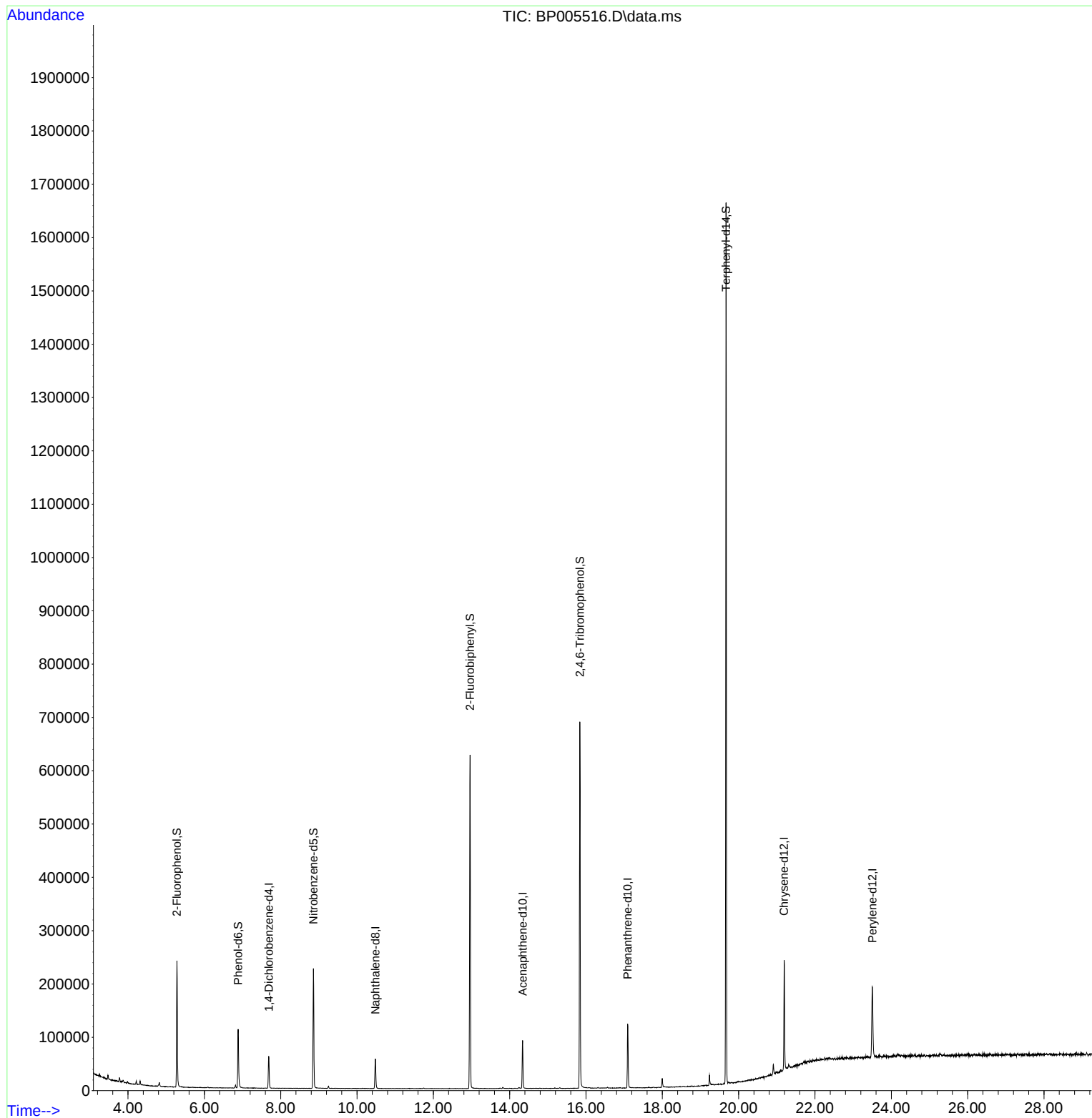
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

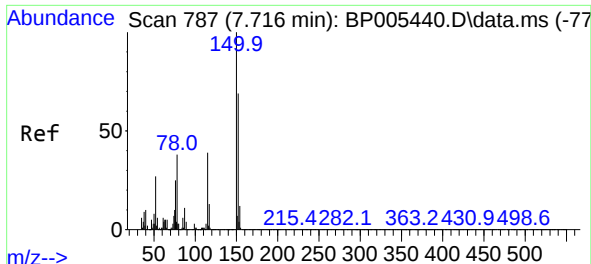
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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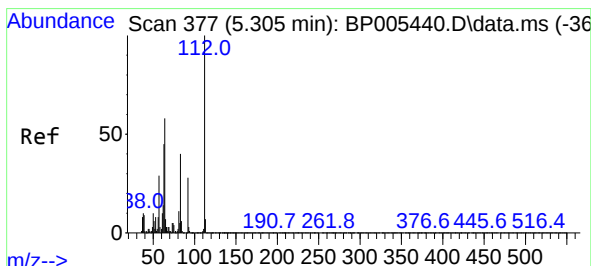
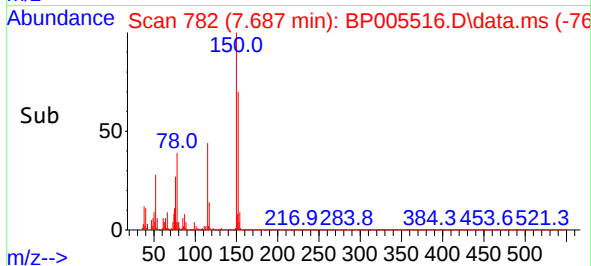
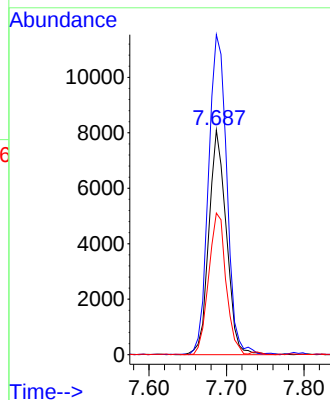
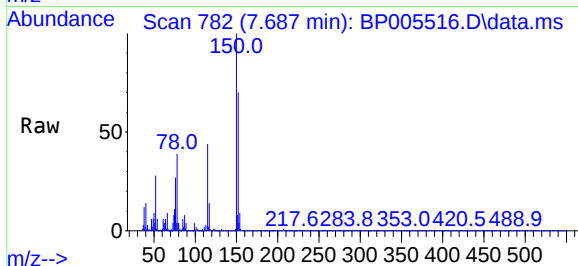




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.687 min Scan# 782  
Delta R.T. -0.012 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

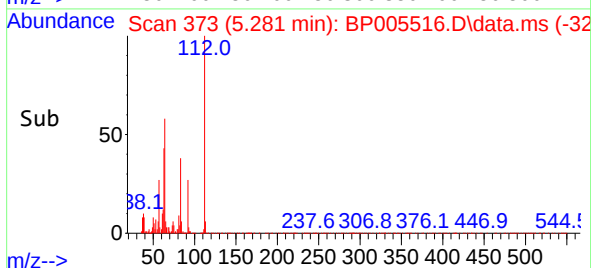
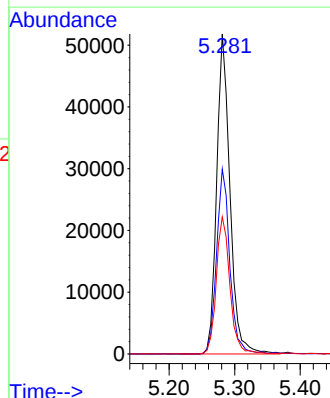
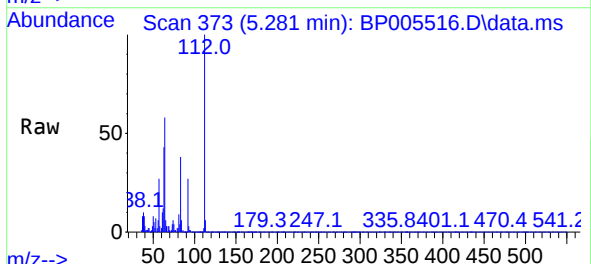
Instrument :  
BNA\_P  
ClientSampleId :  
MW-4-20210505

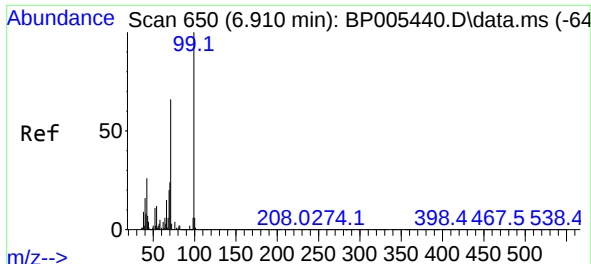
Tgt Ion:152 Resp: 12672  
Ion Ratio Lower Upper  
152 100  
150 142.4 119.8 179.8  
115 63.0 49.0 73.4



#5  
2-Fluorophenol  
Concen: 109.83 ng  
RT: 5.281 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

Tgt Ion:112 Resp: 72521  
Ion Ratio Lower Upper  
112 100  
64 57.8 33.6 50.4#  
63 42.9 18.6 27.8#

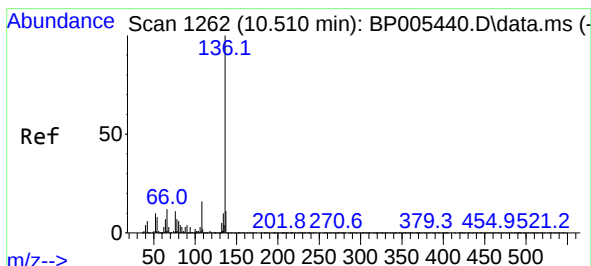
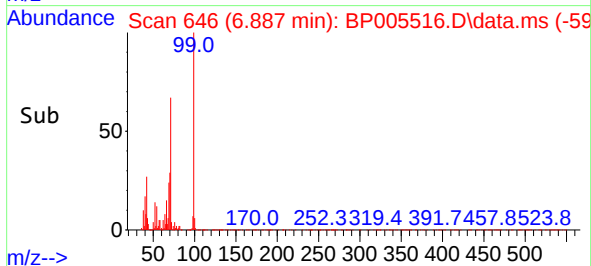
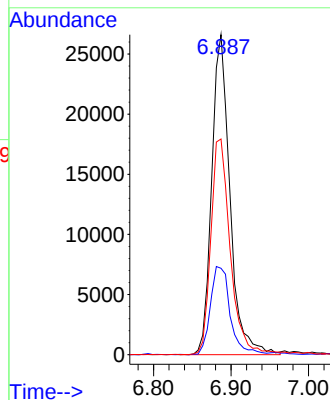
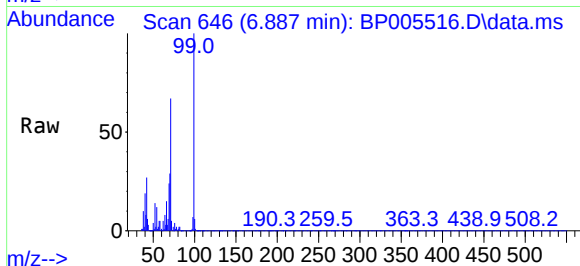




#7  
Phenol-d6  
Concen: 52.92 ng  
RT: 6.887 min Scan# 646  
Delta R.T. -0.006 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

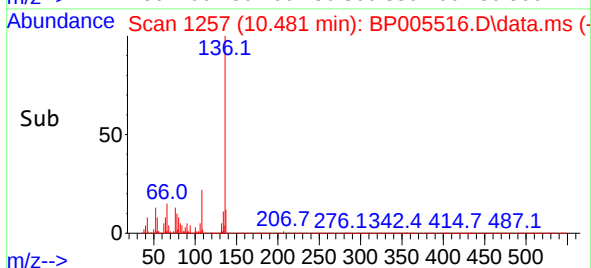
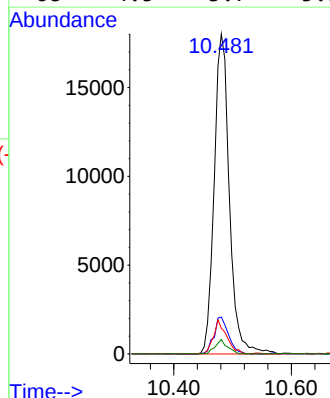
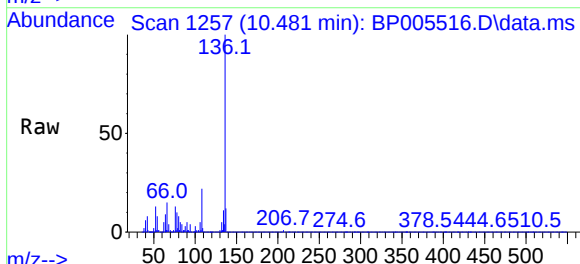
Instrument :  
BNA\_P  
ClientSampleId :  
MW-4-20210505

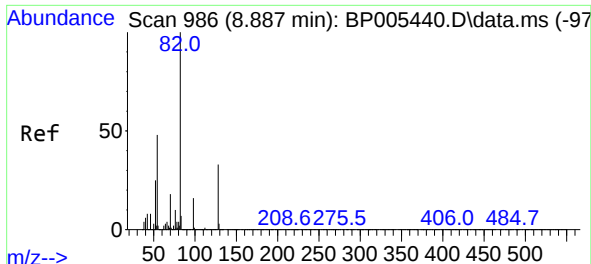
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 43574 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.0  | 12.9  | 19.3# |
| 71       | 67.4  | 26.7  | 40.1# |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.012 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 32292 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 8.9   | 13.3  |
| 54       | 8.0   | 5.0   | 7.4#  |
| 68       | 4.5   | 3.7   | 5.5   |

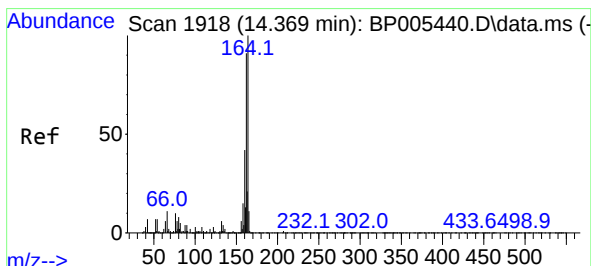
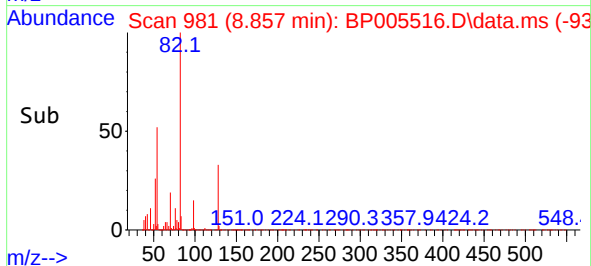
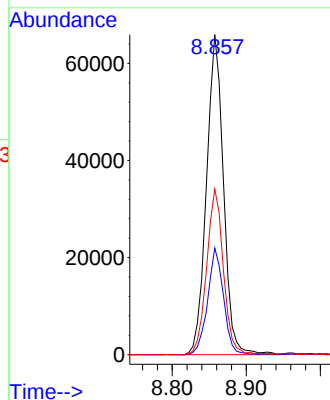
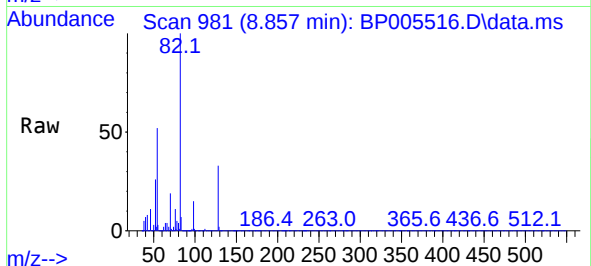




#23  
Nitrobenzene-d5  
Concen: 128.26 ng  
RT: 8.857 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

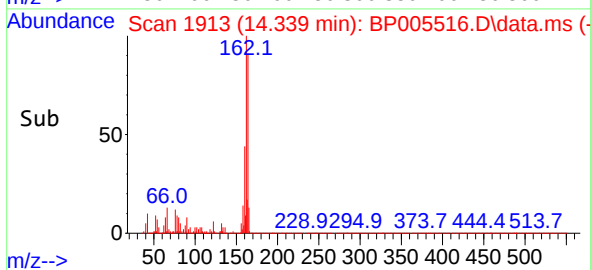
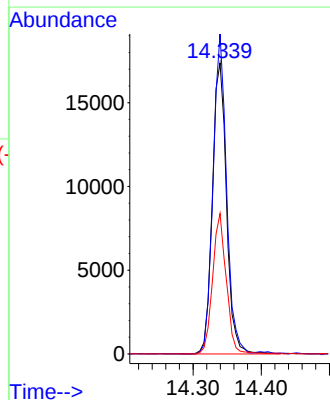
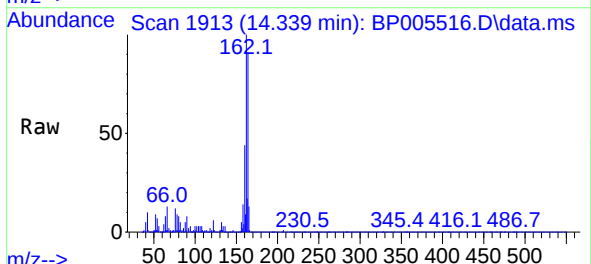
Instrument :  
BNA\_P  
ClientSampleId :  
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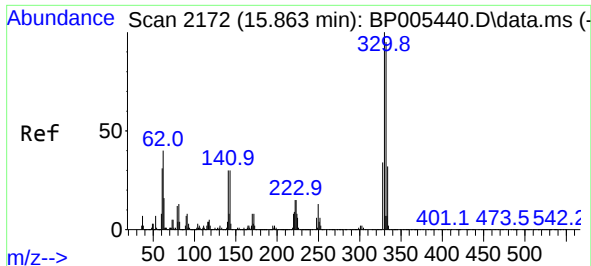
Tgt Ion: 82 Resp: 105231  
Ion Ratio Lower Upper  
82 100  
128 33.4 30.5 45.7  
54 51.8 33.9 50.9#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.339 min Scan# 1913  
Delta R.T. -0.000 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

Tgt Ion: 164 Resp: 25123  
Ion Ratio Lower Upper  
164 100  
162 109.9 73.5 110.3  
160 48.3 40.6 61.0

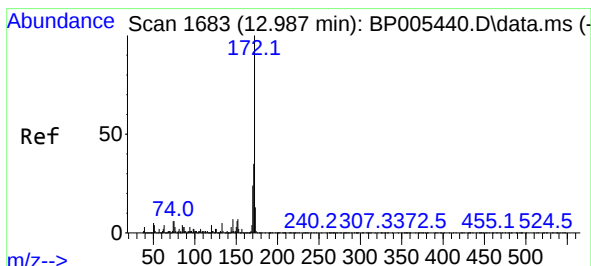
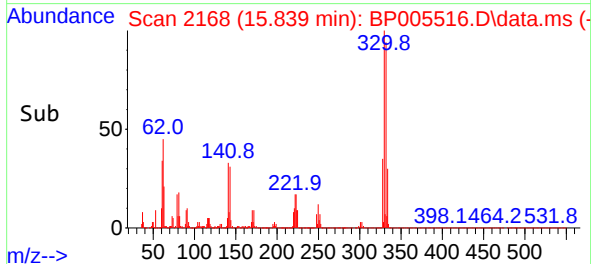
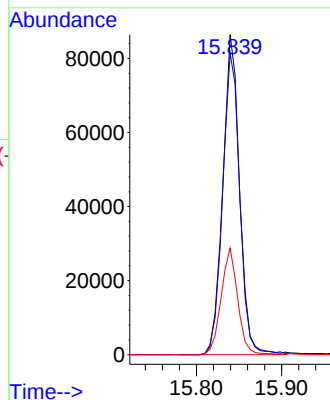
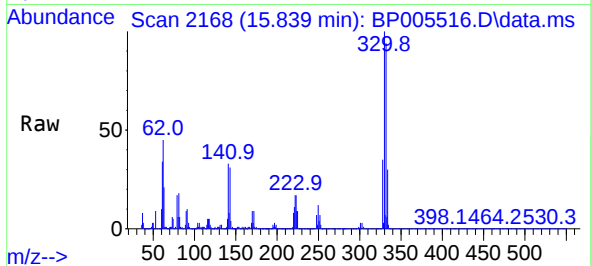




#42  
2,4,6-Tribromophenol  
Concen: 164.63 ng  
RT: 15.839 min Scan# 2168  
Delta R.T. -0.000 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

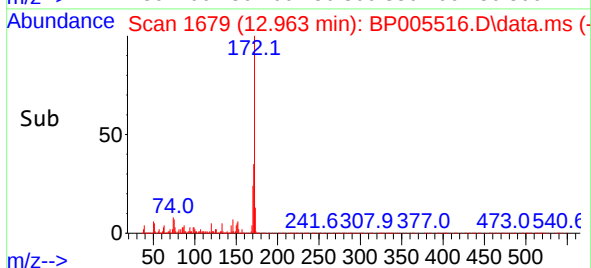
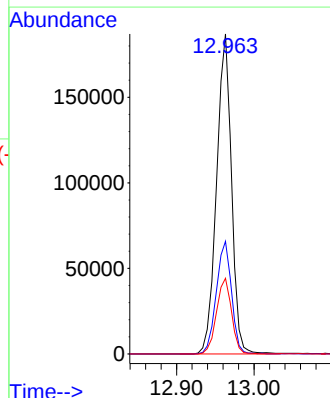
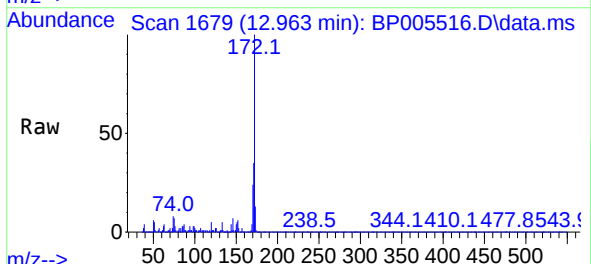
Instrument :  
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ClientSampleId :  
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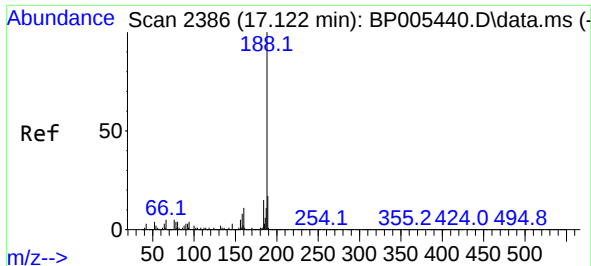
Tgt Ion:330 Resp: 117366  
Ion Ratio Lower Upper  
330 100  
332 97.4 76.3 114.5  
141 33.1 22.8 34.2



#45  
2-Fluorobiphenyl  
Concen: 112.46 ng  
RT: 12.963 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

Tgt Ion:172 Resp: 250459  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.6 19.6 29.4

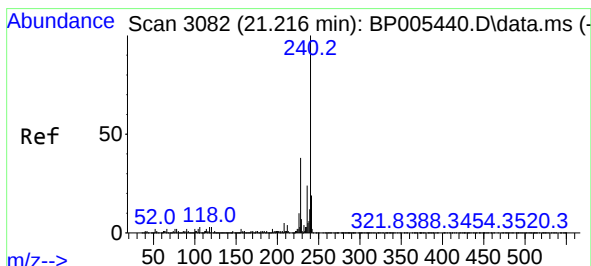
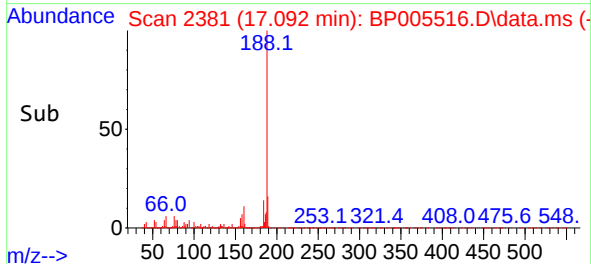
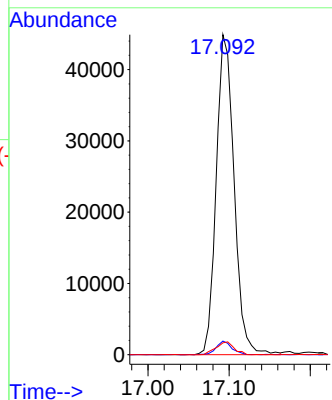
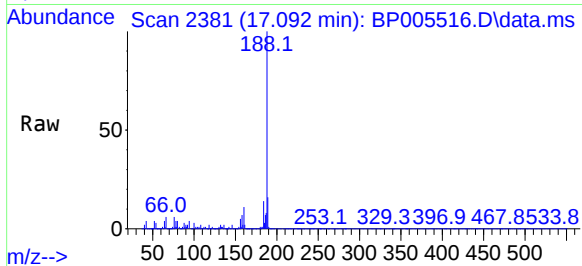




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.092 min Scan# 2381  
Delta R.T. -0.006 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

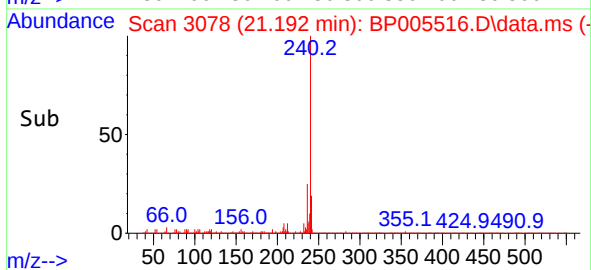
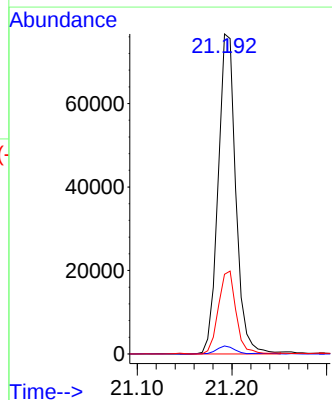
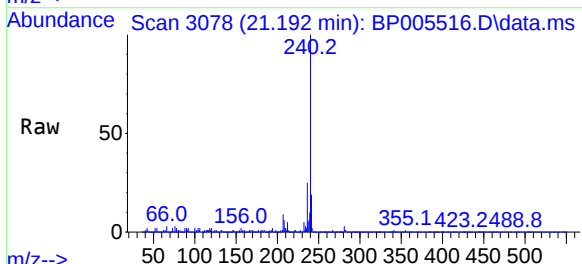
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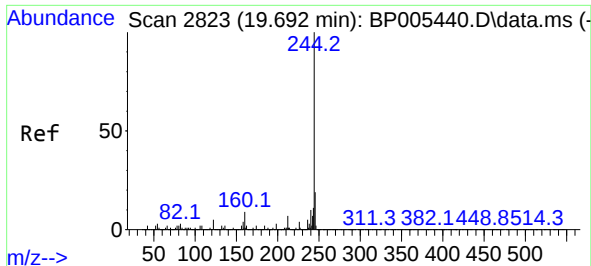
Tgt Ion:188 Resp: 68768  
Ion Ratio Lower Upper  
188 100  
94 4.3 5.0 7.6#  
80 3.7 5.9 8.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.192 min Scan# 3078  
Delta R.T. -0.000 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

Tgt Ion:240 Resp: 99431  
Ion Ratio Lower Upper  
240 100  
120 2.5 4.2 6.2#  
236 24.9 20.2 30.2

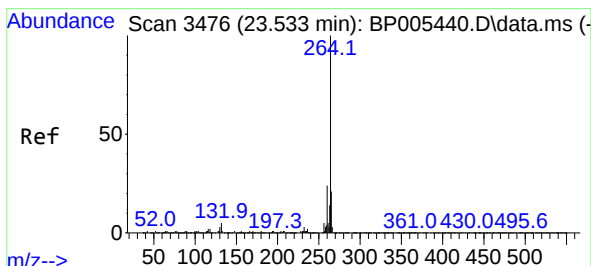
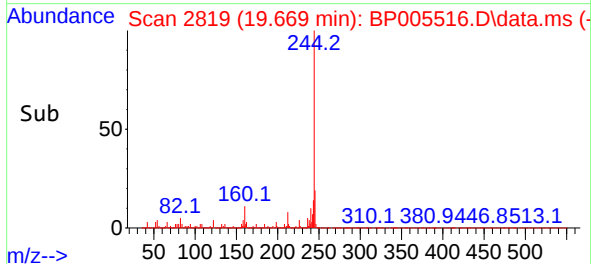
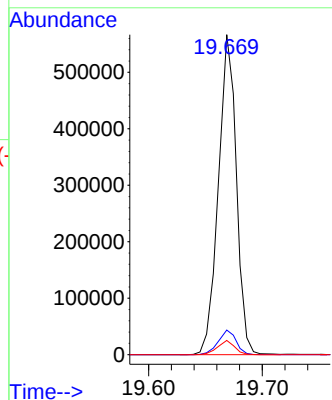
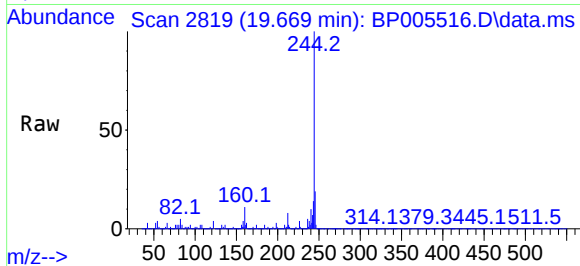




#79  
Terphenyl-d14  
Concen: 106.68 ng  
RT: 19.669 min Scan# 2819  
Delta R.T. -0.000 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

Instrument :  
BNA\_P  
ClientSampleId :  
MW-4-20210505

Tgt Ion:244 Resp: 624573  
Ion Ratio Lower Upper  
244 100  
212 7.7 5.8 8.6  
122 4.5 5.2 7.8#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.504 min Scan# 3471  
Delta R.T. -0.000 min  
Lab File: BP005516.D  
Acq: 12 May 2021 21:56

Tgt Ion:264 Resp: 106688  
Ion Ratio Lower Upper  
264 100  
260 25.8 20.6 30.8  
265 20.6 19.0 28.6

