

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112120\  
 Data File : BP004047.D  
 Acq On : 21 Nov 2020 20:21  
 Operator : CG/JU  
 Sample : L4839-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B5-7-8

Quant Time: Nov 23 05:01:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 23 03:48:44 2020  
 Response via : Initial Calibration

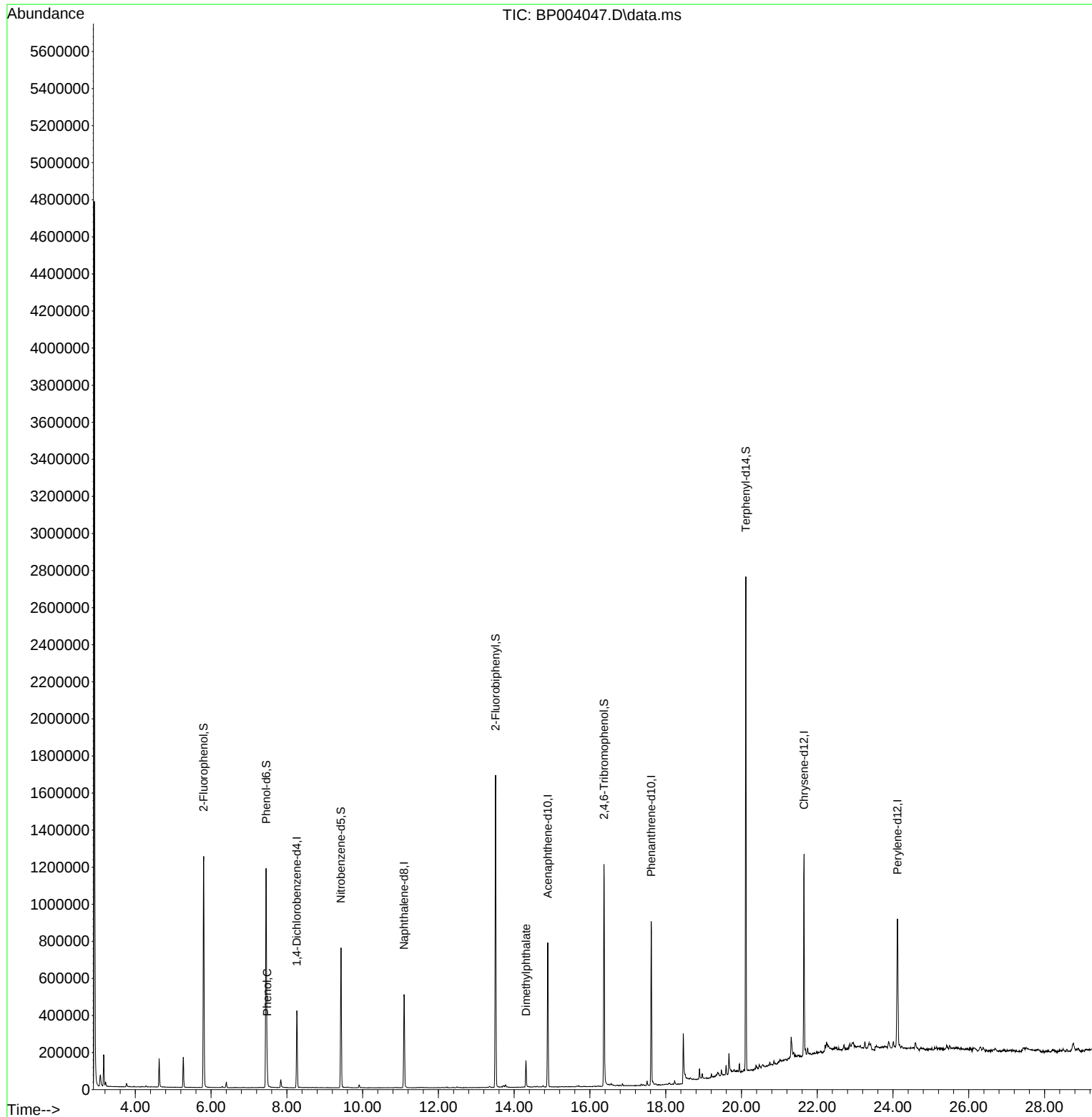
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.263  | 152  | 111733   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8          | 11.093 | 136  | 413898   | 20.00 | ng    | #-0.04   |
| 39) Acenaphthene-d10        | 14.887 | 164  | 262198   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.616 | 188  | 535870   | 20.00 | ng    | #-0.02   |
| 76) Chrysene-d12            | 21.651 | 240  | 522639   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 24.116 | 264  | 562366   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.805  | 112  | 533074   | 79.63 | ng    | 0.00     |
| 7) Phenol-d6                | 7.452  | 99   | 667156   | 69.42 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.428  | 82   | 419190   | 49.60 | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol    | 16.369 | 330  | 233894   | 71.32 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.510 | 172  | 871405   | 46.46 | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.116 | 244  | 1128598  | 41.72 | ng    | 0.00     |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 10) Phenol                  | 7.481  | 94   | 54100    | 5.83  | ng    | 84       |
| 50) Dimethylphthalate       | 14.310 | 163  | 90495    | 4.42  | ng    | 98       |
| -----                       |        |      |          |       |       |          |

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

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Sample : L4839-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
B5-7-8

Quant Time: Nov 23 05:01:22 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 23 03:48:44 2020  
Response via : Initial Calibration

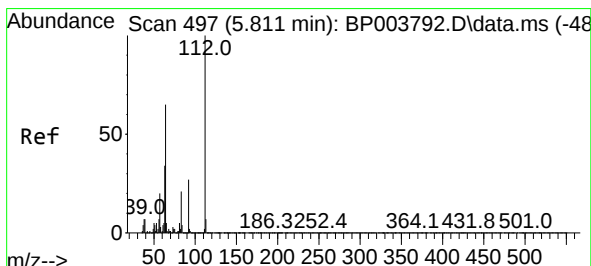
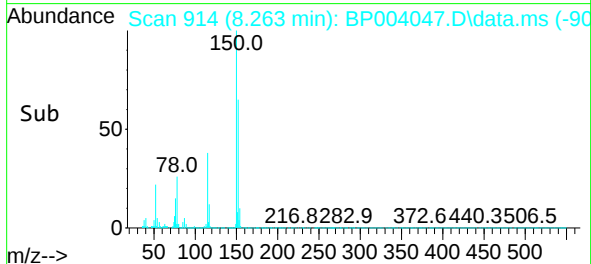
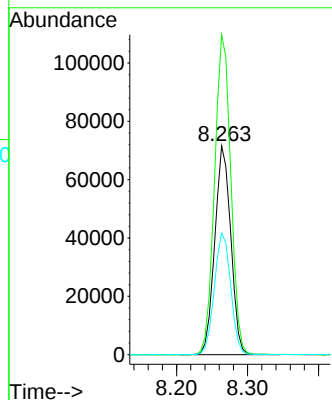
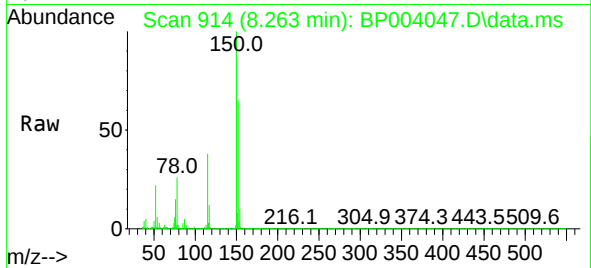




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.263 min Scan# 914  
Delta R.T. -0.030 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

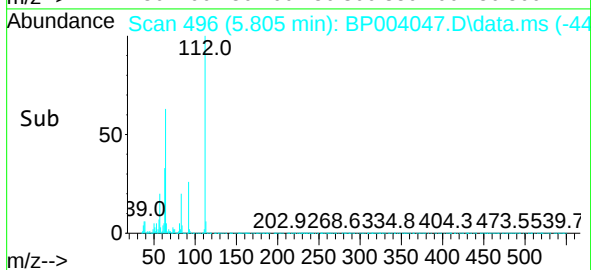
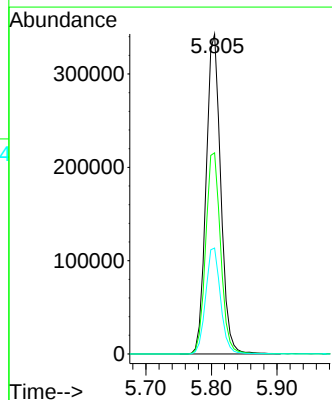
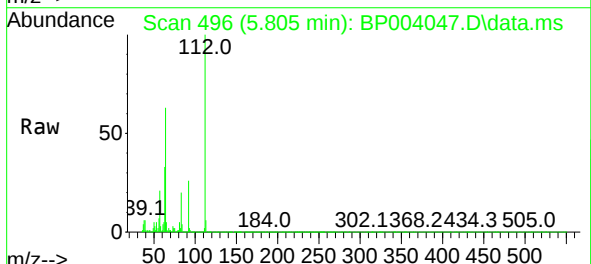
Instrument :  
BNA\_P  
ClientSampleId :  
B5-7-8

Tgt Ion:152 Resp: 111733  
Ion Ratio Lower Upper  
152 100  
150 153.2 123.8 185.6  
115 58.3 43.8 65.6



#5  
2-Fluorophenol  
Concen: 79.63 ng  
RT: 5.805 min Scan# 496  
Delta R.T. -0.006 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

Tgt Ion:112 Resp: 533074  
Ion Ratio Lower Upper  
112 100  
64 62.9 32.8 49.2#  
63 33.1 17.0 25.4#

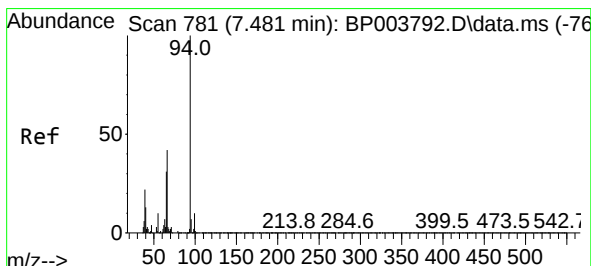
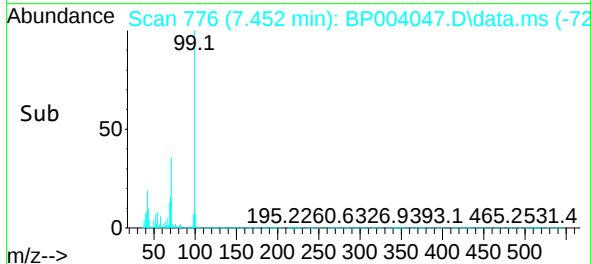
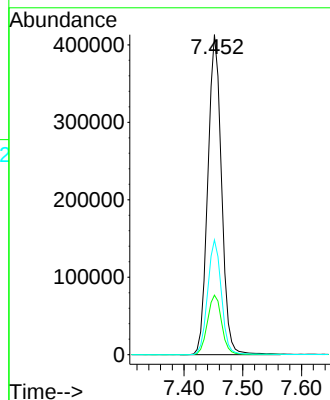
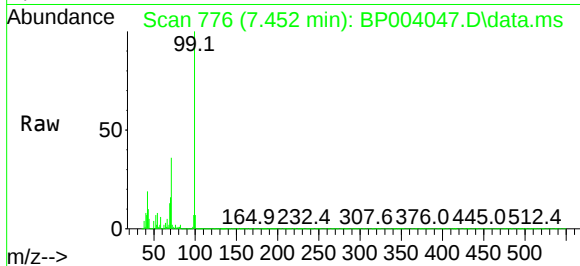




#7  
Phenol-d6  
Concen: 69.42 ng  
RT: 7.452 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

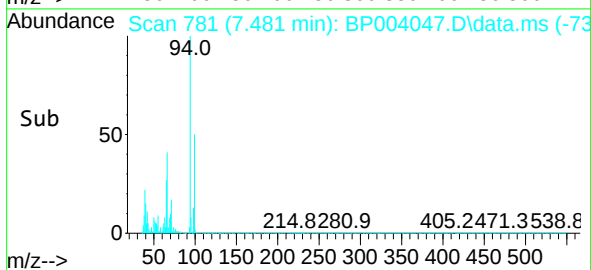
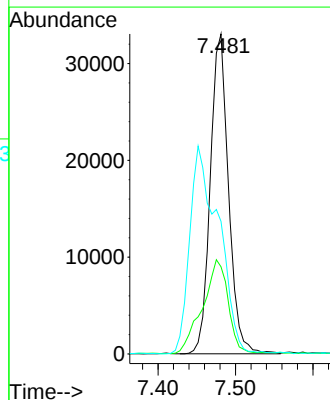
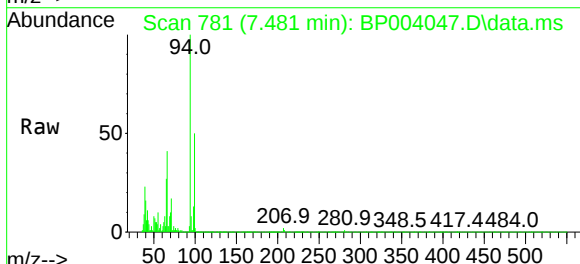
Instrument :  
BNA\_P  
ClientSampleId :  
B5-7-8

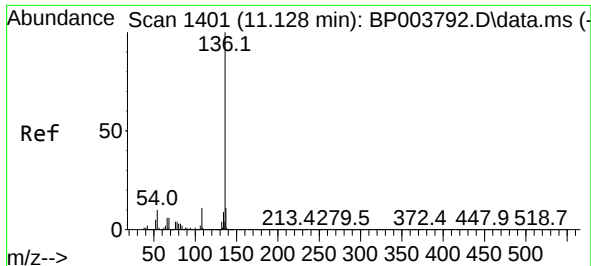
Tgt Ion: 99 Resp: 667156  
Ion Ratio Lower Upper  
99 100  
42 18.6 8.6 13.0#  
71 35.8 23.4 35.2#



#10  
Phenol  
Concen: 5.83 ng  
RT: 7.481 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

Tgt Ion: 94 Resp: 54100  
Ion Ratio Lower Upper  
94 100  
65 27.3 2.3 42.3  
66 41.5 10.9 50.9

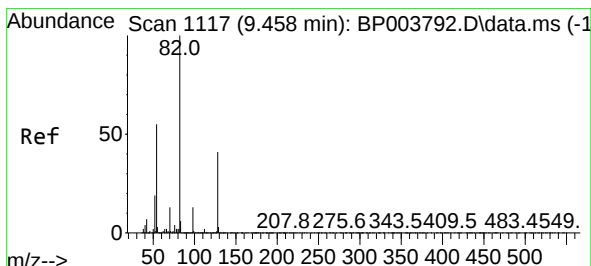
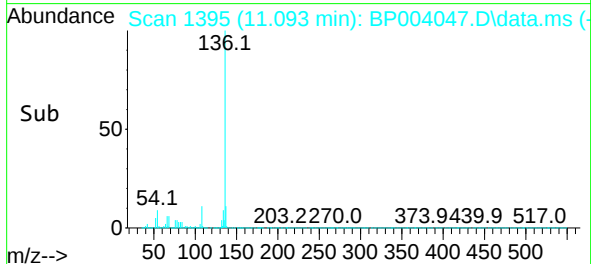
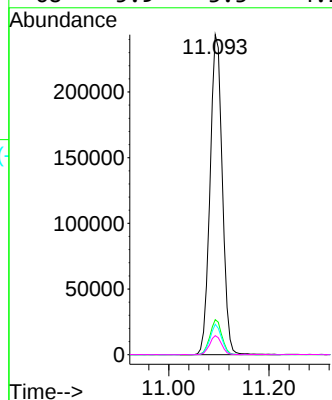
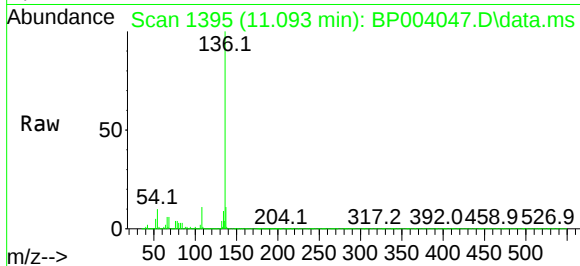




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.093 min Scan# 1395  
Delta R.T. -0.035 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

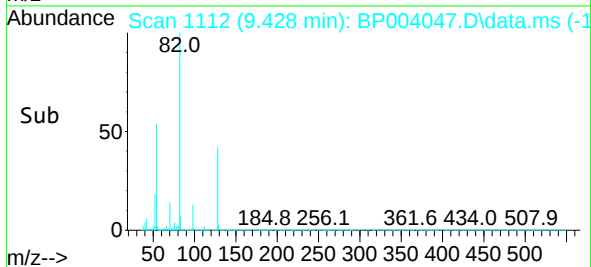
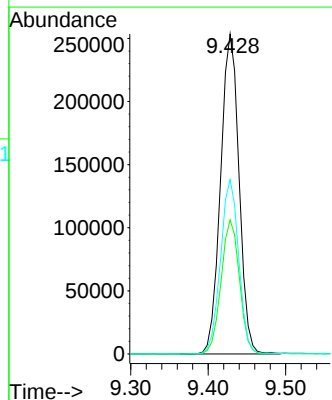
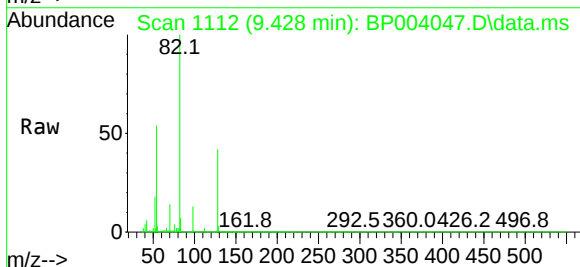
Instrument :  
BNA\_P  
ClientSampleId :  
B5-7-8

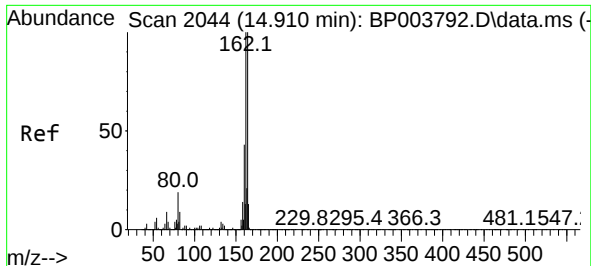
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 413898 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.6   | 13.0   |
| 54        | 9.5   | 3.6   | 5.4#   |
| 68        | 5.9   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 49.60 ng  
RT: 9.428 min Scan# 1112  
Delta R.T. -0.029 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 419190 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.9  | 45.6  | 68.4#  |
| 54        | 54.5  | 30.1  | 45.1#  |

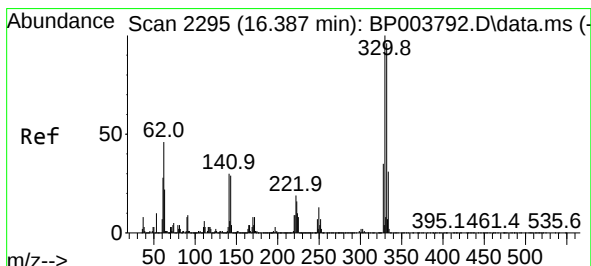
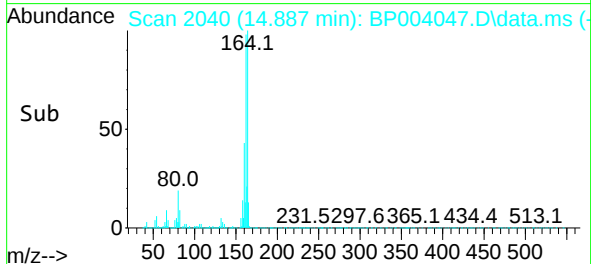
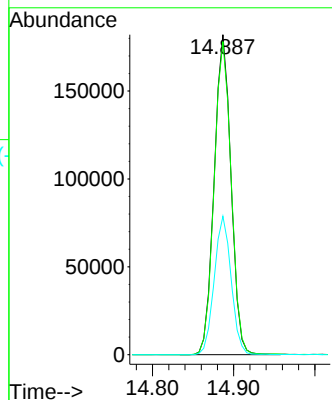
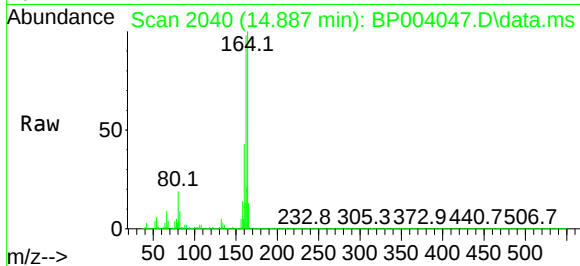




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.887 min Scan# 2040  
Delta R.T. -0.024 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

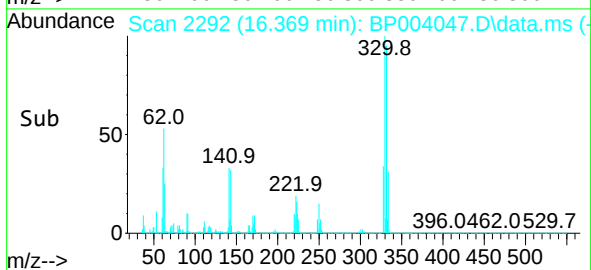
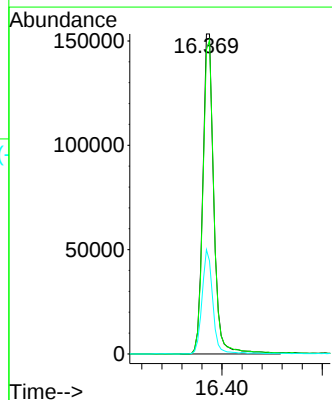
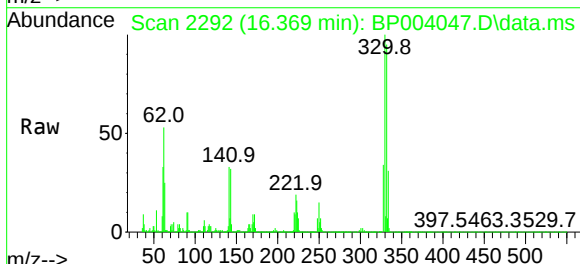
Instrument :  
BNA\_P  
ClientSampleId :  
B5-7-8

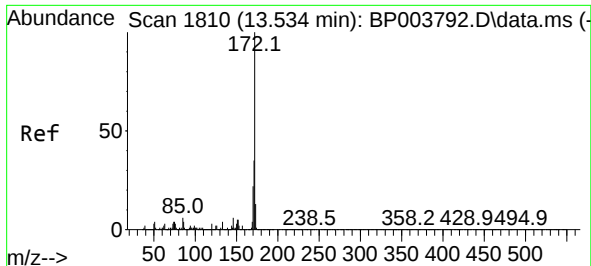
Tgt Ion:164 Resp: 262198  
Ion Ratio Lower Upper  
164 100  
162 97.9 79.4 119.2  
160 43.3 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 71.32 ng  
RT: 16.369 min Scan# 2292  
Delta R.T. -0.018 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

Tgt Ion:330 Resp: 233894  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.1 115.7  
141 31.4 23.4 35.2

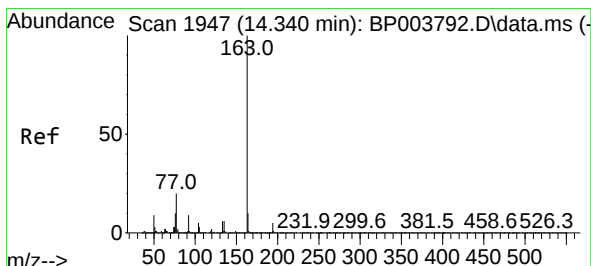
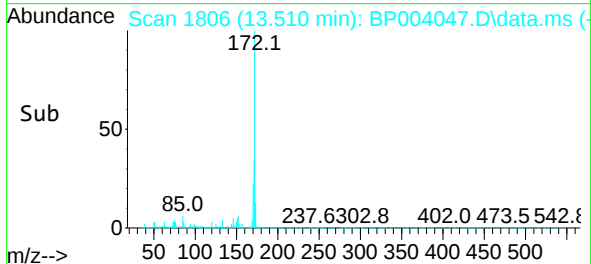
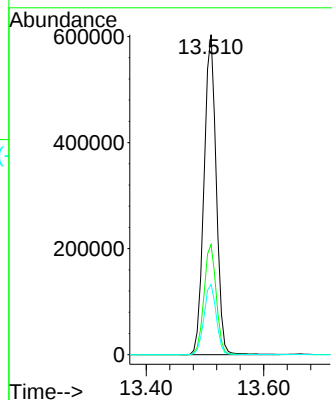
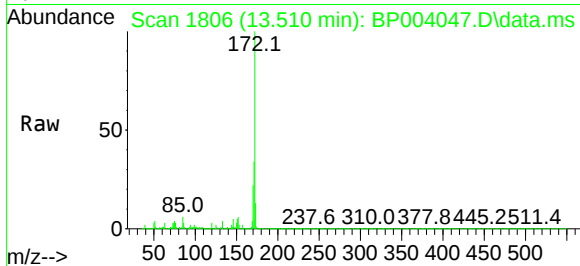




#45  
2-Fluorobiphenyl  
Concen: 46.46 ng  
RT: 13.510 min Scan# 1806  
Delta R.T. -0.024 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

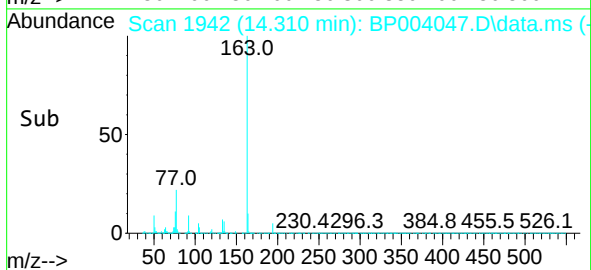
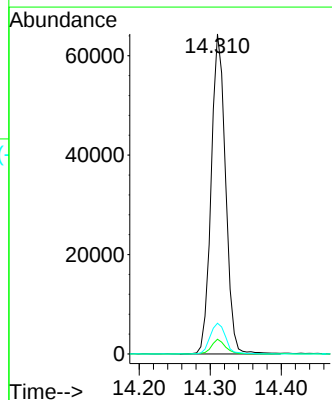
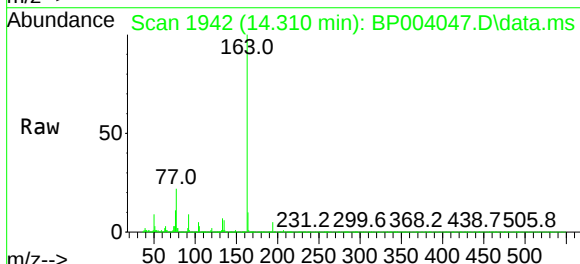
Instrument :  
BNA\_P  
ClientSampleId :  
B5-7-8

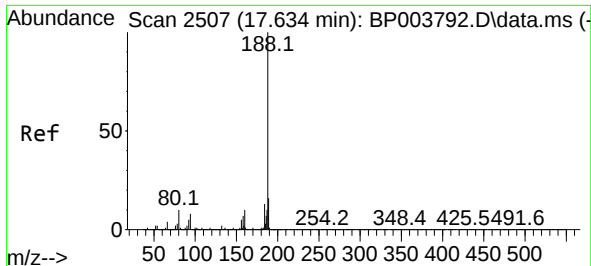
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|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 871405 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.4  | 28.5  | 42.7   |
| 170       | 22.0  | 19.2  | 28.8   |



#50  
Dimethylphthalate  
Concen: 4.42 ng  
RT: 14.310 min Scan# 1942  
Delta R.T. -0.029 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 90495 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 4.6   | 3.3   | 4.9   |
| 164       | 9.6   | 8.2   | 12.2  |

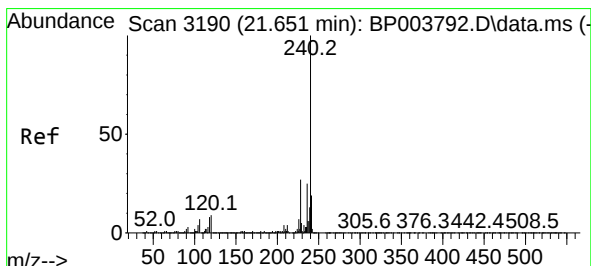
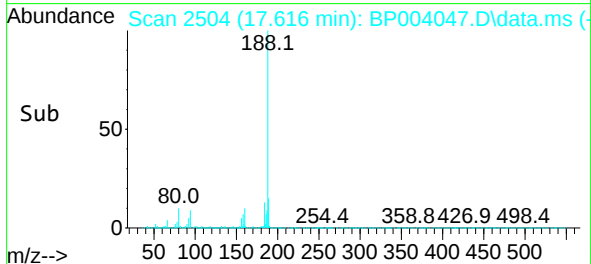
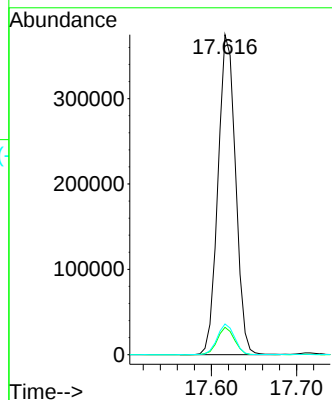
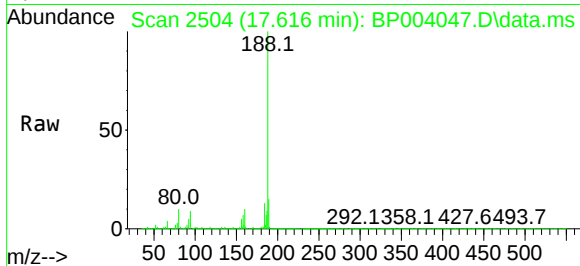




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.616 min Scan# 2504  
Delta R.T. -0.018 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

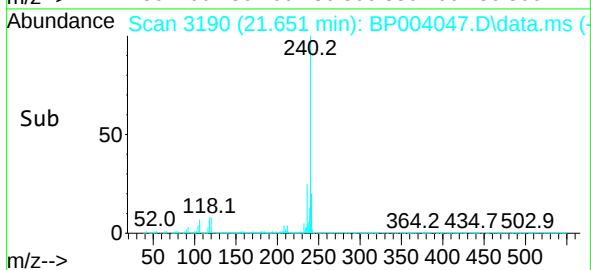
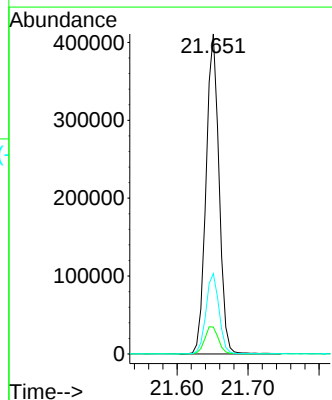
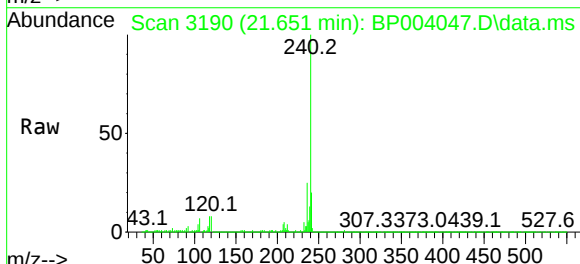
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BNA\_P  
ClientSampleId :  
B5-7-8

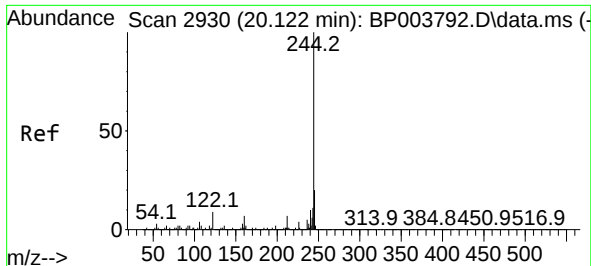
Tgt Ion:188 Resp: 535870  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.2 9.2  
80 9.6 6.2 9.2#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.651 min Scan# 3190  
Delta R.T. -0.000 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

Tgt Ion:240 Resp: 522639  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.8 11.6  
236 25.1 20.8 31.2

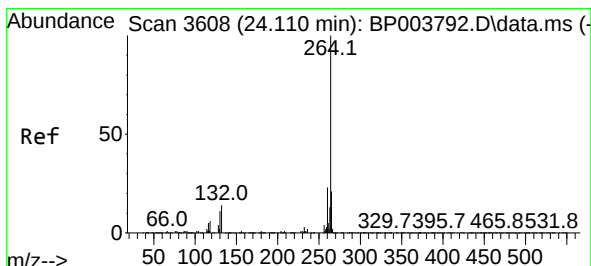
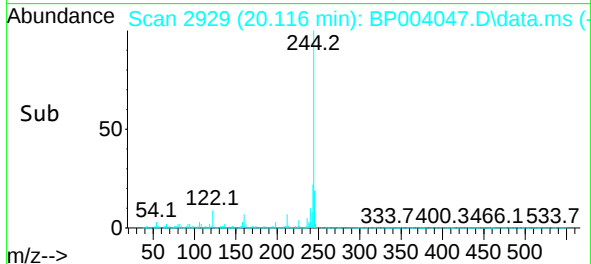
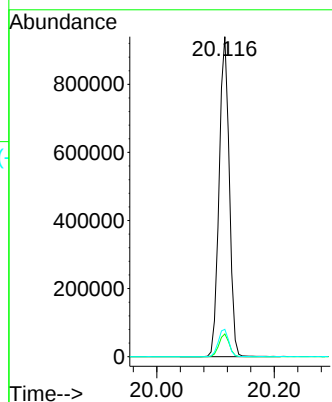
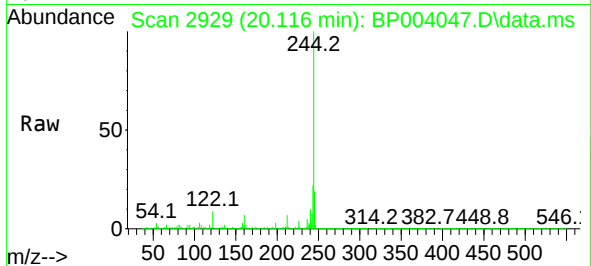




#79  
Terphenyl-d14  
Concen: 41.72 ng  
RT: 20.116 min Scan# 2929  
Delta R.T. -0.006 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

Instrument :  
BNA\_P  
ClientSampled :  
B5-7-8

Tgt Ion:244 Resp: 1128598  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.6  
122 8.5 7.8 11.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.116 min Scan# 3609  
Delta R.T. 0.006 min  
Lab File: BP004047.D  
Acq: 21 Nov 2020 20:21

Tgt Ion:264 Resp: 562366  
Ion Ratio Lower Upper  
264 100  
260 22.6 18.8 28.2  
265 21.6 17.4 26.2

