

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112420\  
 Data File : BP004075.D  
 Acq On : 24 Nov 2020 14:37  
 Operator : CG/JU  
 Sample : L4836-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GW-02

Quant Time: Nov 24 15:09:03 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 16:42:41 2020  
 Response via : Initial Calibration

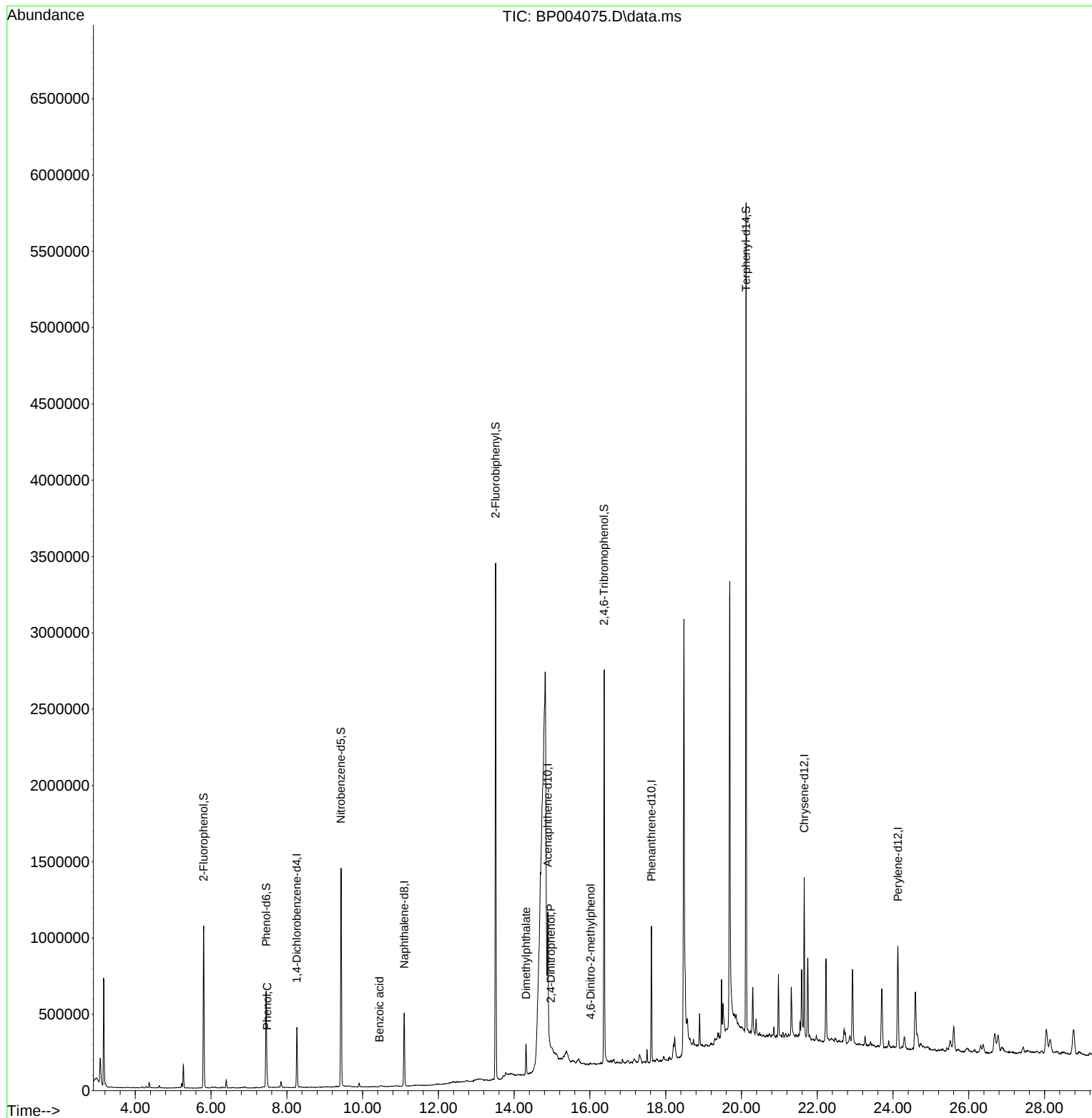
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.263  | 152  | 104652   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.099 | 136  | 399632   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.887 | 164  | 237042   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.622 | 188  | 515034   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12              | 21.657 | 240  | 503418   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.127 | 264  | 529821   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.805  | 112  | 446394   | 71.19     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.452  | 99   | 348572   | 38.73     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.428  | 82   | 812939   | 99.63     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.375 | 330  | 490557   | 165.46    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.510 | 172  | 1710717  | 100.89    | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.122 | 244  | 2220605  | 85.22     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.358  | 77   | 275      | Below Cal | #     | 40       |
| 10) Phenol                    | 7.481  | 94   | 30789    | 3.54      | ng    | 74       |
| 32) Benzoic acid              | 10.446 | 122  | 187      | 8.35      | ng    | # 30     |
| 50) Dimethylphthalate         | 14.310 | 163  | 125685   | 6.78      | ng    | # 98     |
| 54) 2,4-Dinitrophenol         | 14.969 | 184  | 307      | 2.96      | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 16.022 | 198  | 71       | 6.36      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

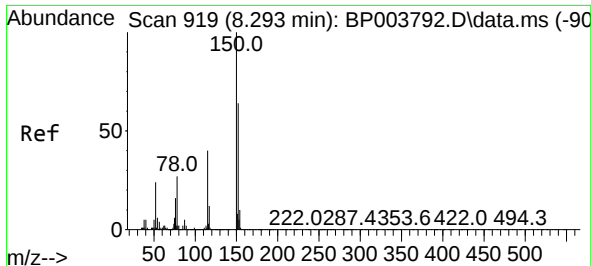
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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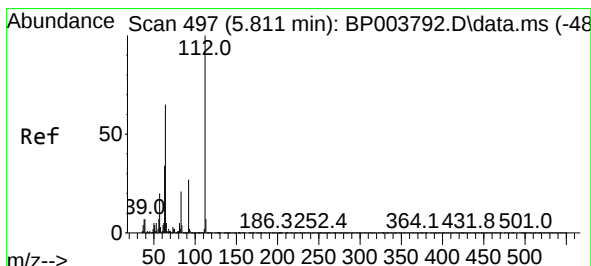
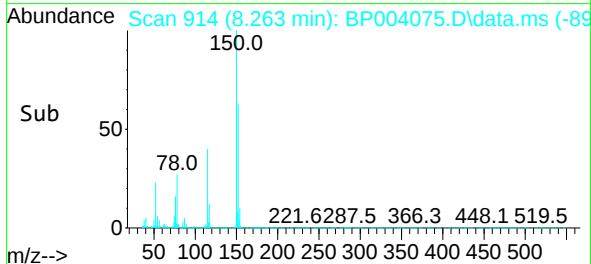
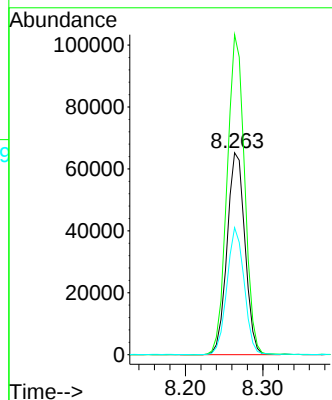
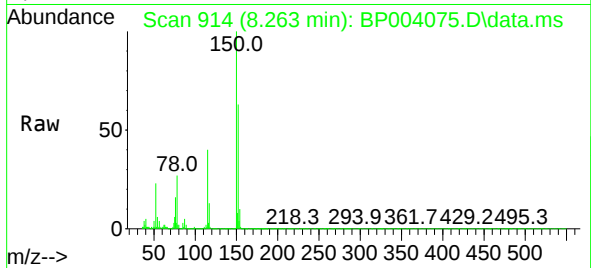




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.263 min Scan# 914  
Delta R.T. -0.006 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

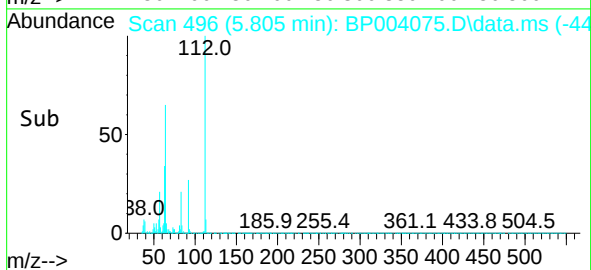
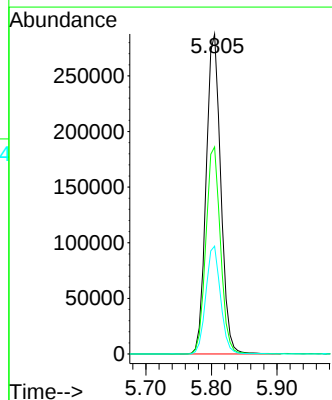
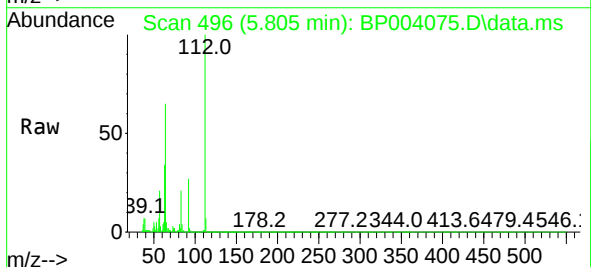
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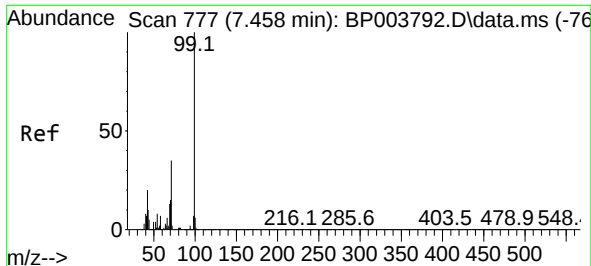
Tgt Ion:152 Resp: 104652  
Ion Ratio Lower Upper  
152 100  
150 158.5 123.8 185.6  
115 62.9 43.8 65.6



#5  
2-Fluorophenol  
Concen: 71.19 ng  
RT: 5.805 min Scan# 496  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

Tgt Ion:112 Resp: 446394  
Ion Ratio Lower Upper  
112 100  
64 64.7 32.8 49.2#  
63 33.7 17.0 25.4#

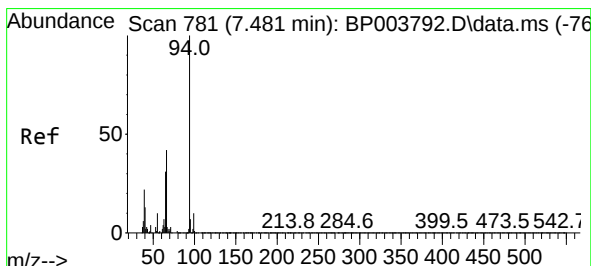
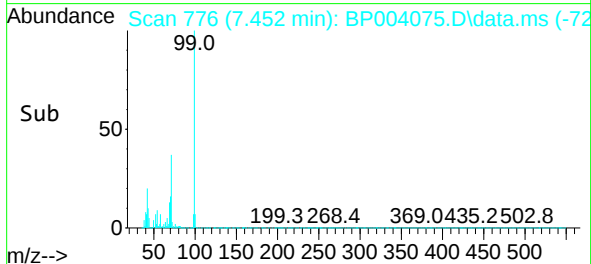
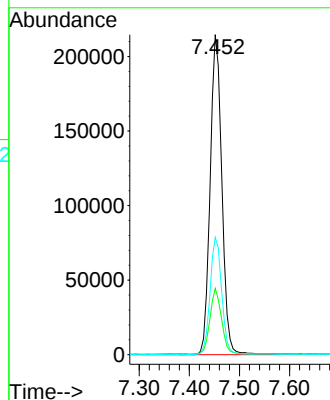
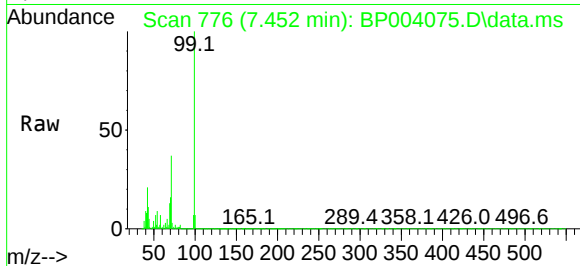




#7  
Phenol-d6  
Concen: 38.73 ng  
RT: 7.452 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

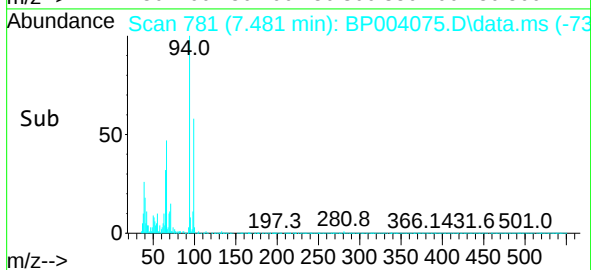
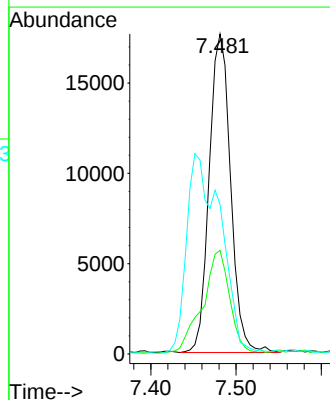
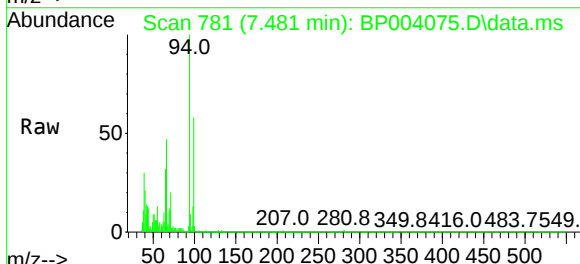
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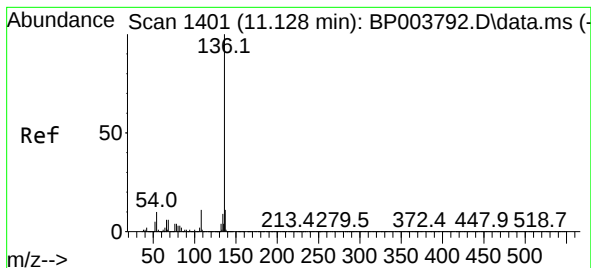
Tgt Ion: 99 Resp: 348572  
Ion Ratio Lower Upper  
99 100  
42 20.7 8.6 13.0#  
71 36.6 23.4 35.2#



#10  
Phenol  
Concen: 3.54 ng  
RT: 7.481 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

Tgt Ion: 94 Resp: 30789  
Ion Ratio Lower Upper  
94 100  
65 32.4 2.3 42.3  
66 46.7 10.9 50.9

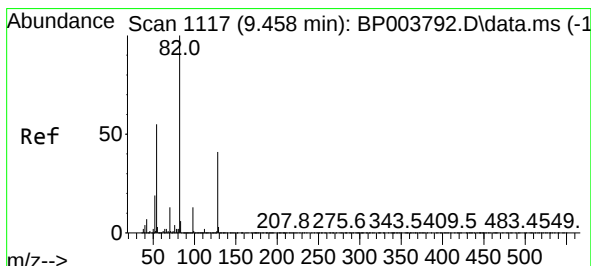
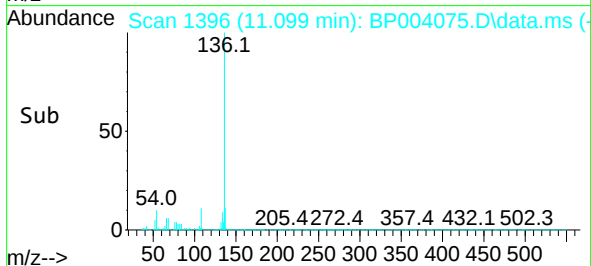
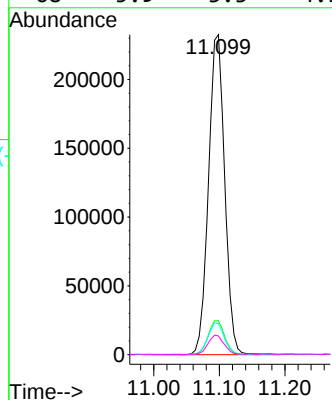
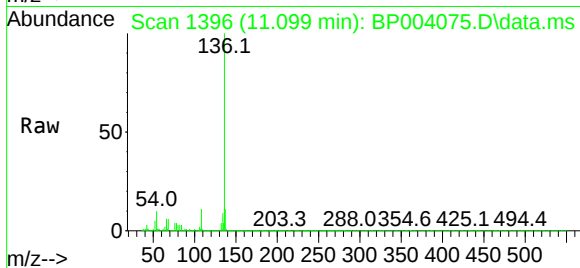




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.099 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

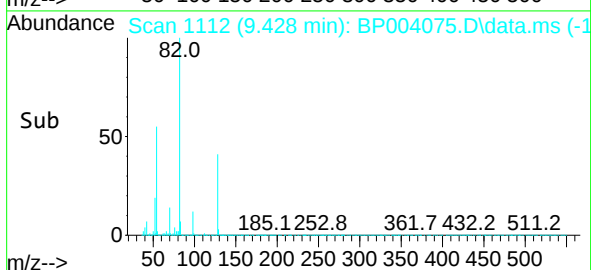
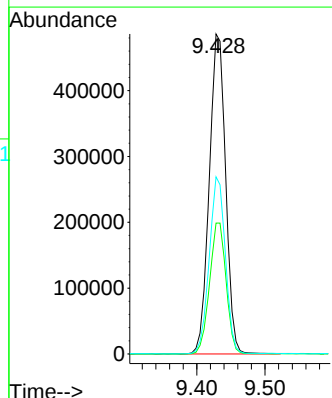
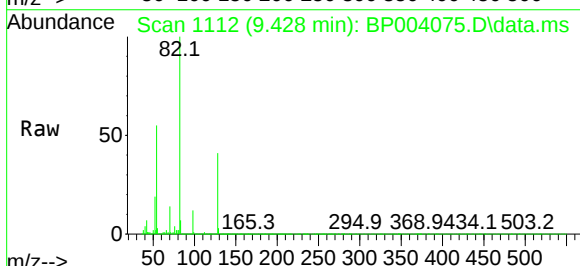
Instrument :  
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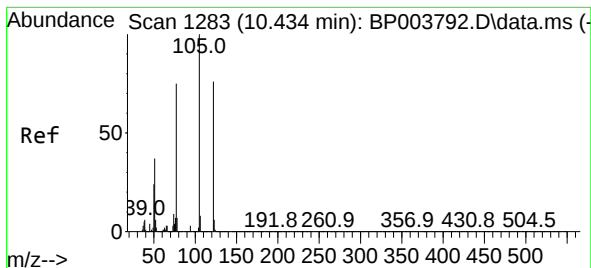
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 399632 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 8.6   | 13.0   |
| 54        | 9.7   | 3.6   | 5.4#   |
| 68        | 5.9   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 99.63 ng  
RT: 9.428 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 812939 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.9  | 45.6  | 68.4#  |
| 54        | 55.4  | 30.1  | 45.1#  |





#32

Benzoic acid

Concen: 8.35 ng

RT: 10.446 min Scan# 1285

Delta R.T. -0.011 min

Lab File: BP004075.D

Acq: 24 Nov 2020 14:37

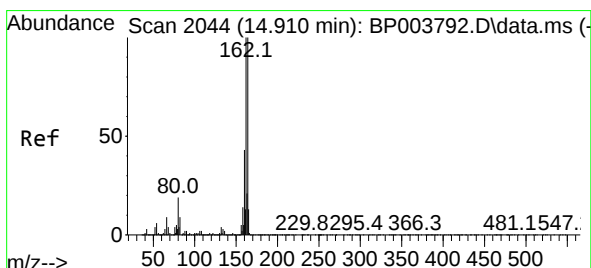
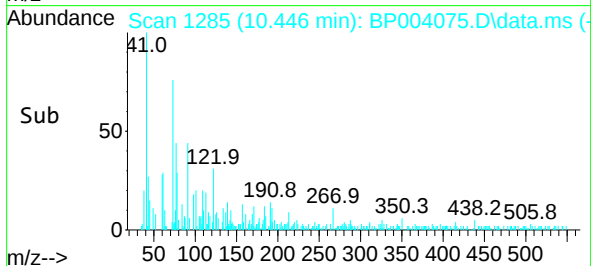
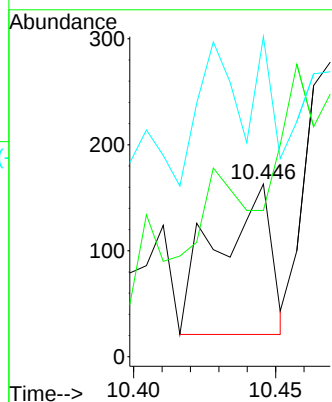
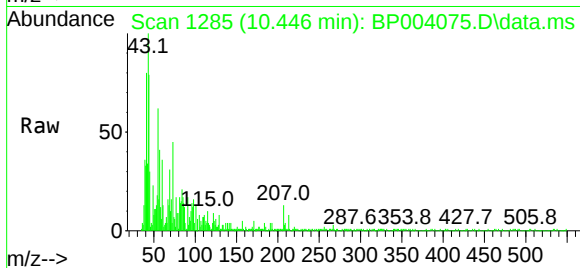
Instrument :

BNA\_P

ClientSampleId :

GW-02

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 187         |
| Ion Ratio   | Lower | Upper       |
| 122         | 100   |             |
| 105         | 84.7  | 94.1 134.1# |
| 77          | 185.3 | 50.1 90.1#  |



#39

Acenaphthene-d10

Concen: 20.00 ng

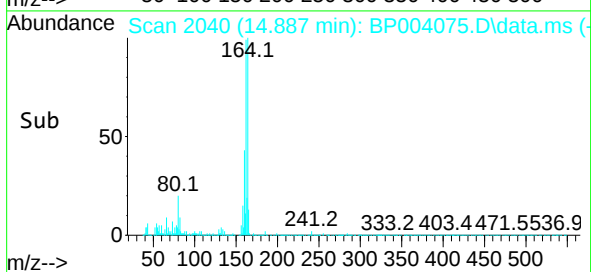
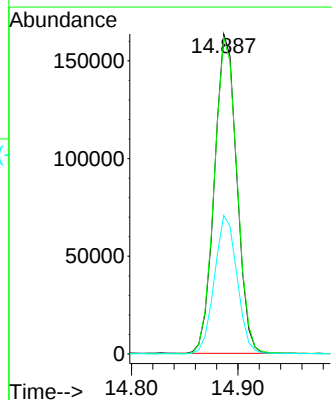
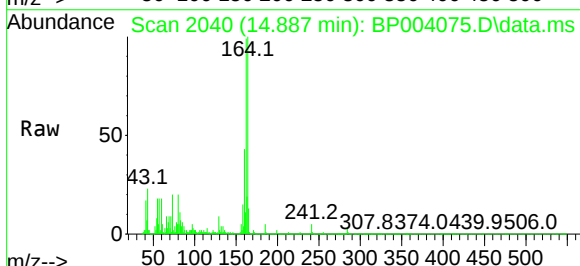
RT: 14.887 min Scan# 2040

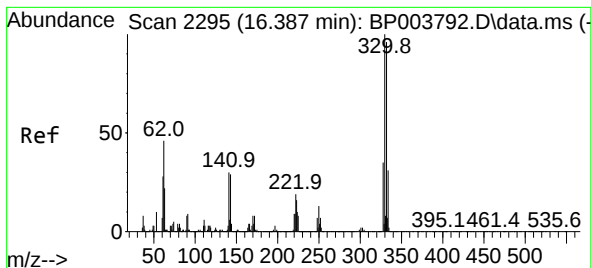
Delta R.T. -0.006 min

Lab File: BP004075.D

Acq: 24 Nov 2020 14:37

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 237042     |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 98.9  | 79.4 119.2 |
| 160         | 43.3  | 36.1 54.1  |

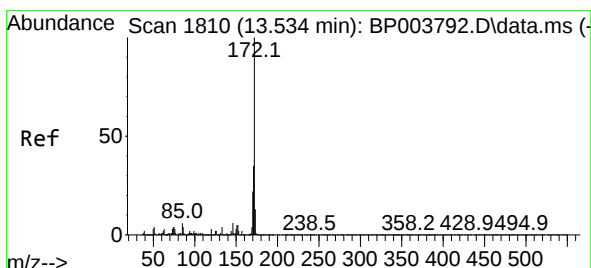
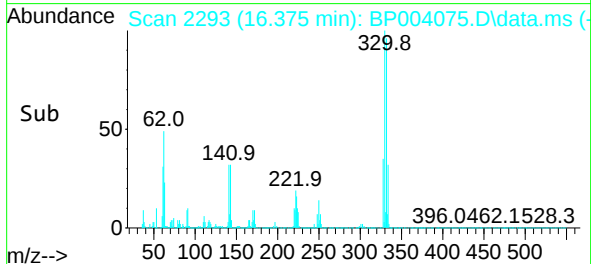
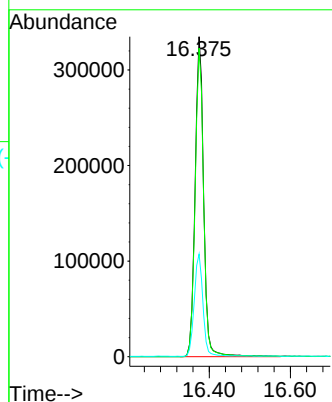
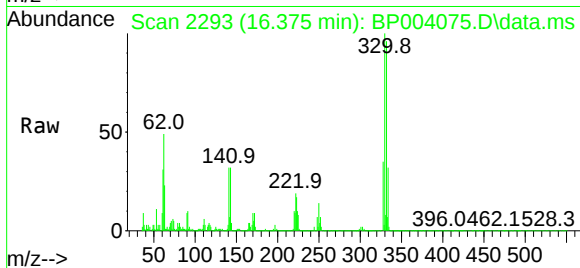




#42  
2,4,6-Tribromophenol  
Concen: 165.46 ng  
RT: 16.375 min Scan# 2293  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

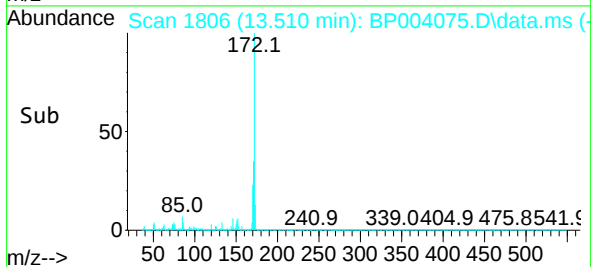
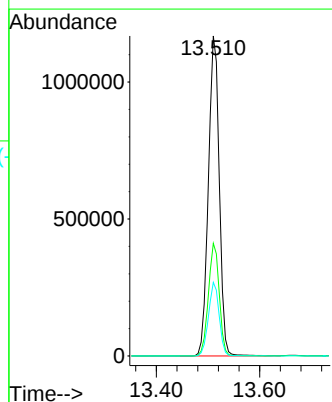
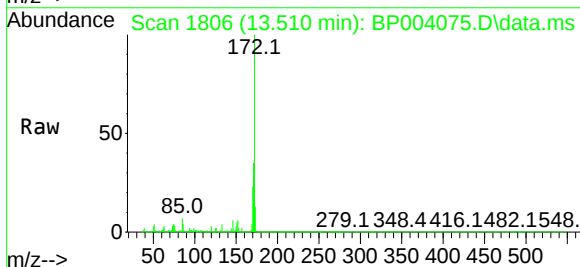
Instrument :  
BNA\_P  
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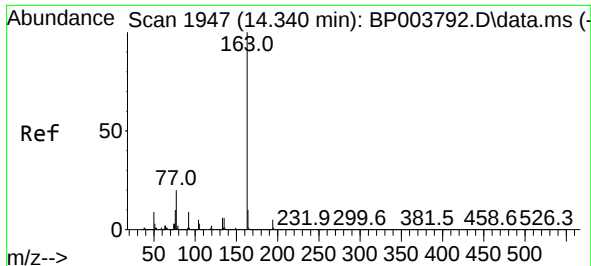
Tgt Ion:330 Resp: 490557  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.1 115.7  
141 32.6 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 100.89 ng  
RT: 13.510 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

Tgt Ion:172 Resp: 1710717  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.5 42.7  
170 23.0 19.2 28.8

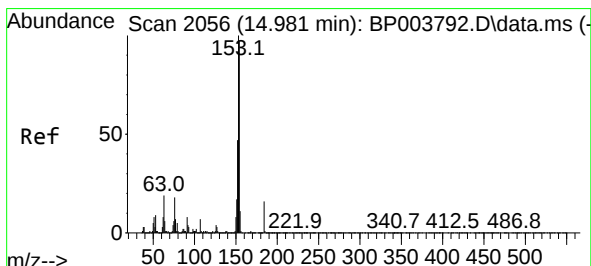
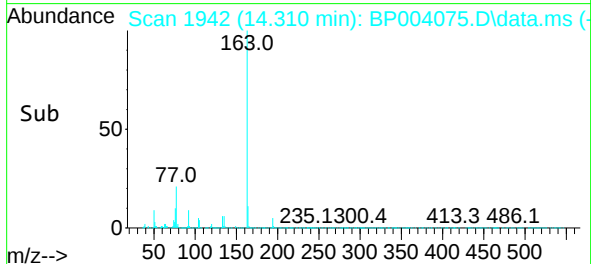
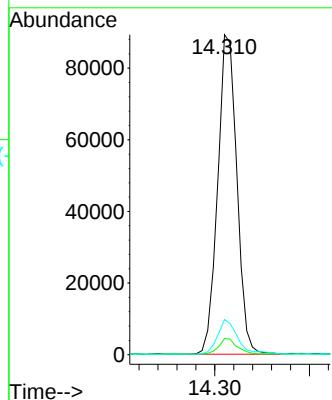
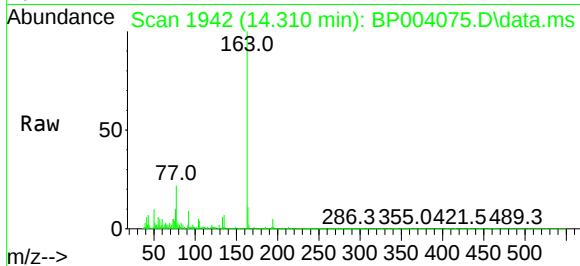




#50  
Dimethylphthalate  
Concen: 6.78 ng  
RT: 14.310 min Scan# 1942  
Delta R.T. -0.011 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

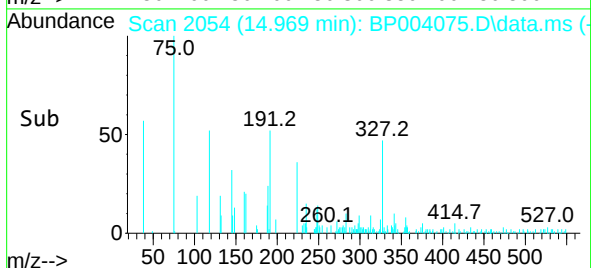
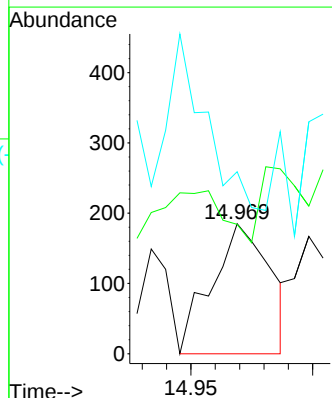
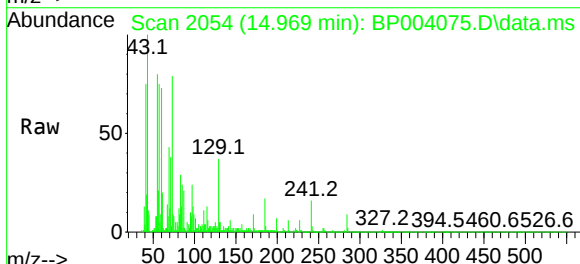
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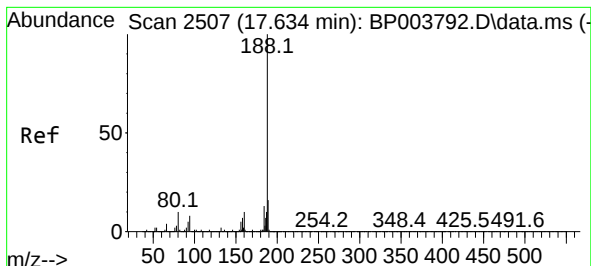
Tgt Ion:163 Resp: 125685  
Ion Ratio Lower Upper  
163 100  
194 5.0 3.3 4.9#  
164 11.0 8.2 12.2



#54  
2,4-Dinitrophenol  
Concen: 2.96 ng  
RT: 14.969 min Scan# 2054  
Delta R.T. -0.023 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

Tgt Ion:184 Resp: 307  
Ion Ratio Lower Upper  
184 100  
63 99.5 32.3 48.5#  
154 140.0 49.1 73.7#

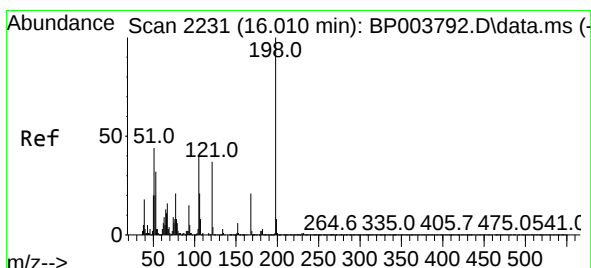
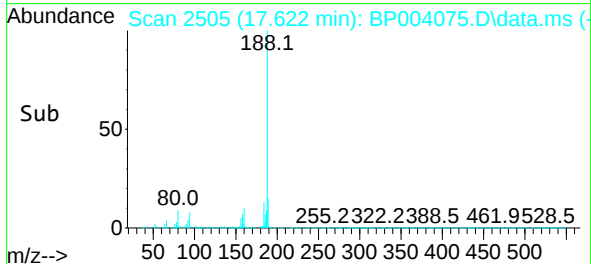
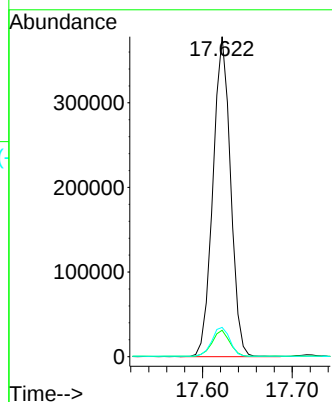
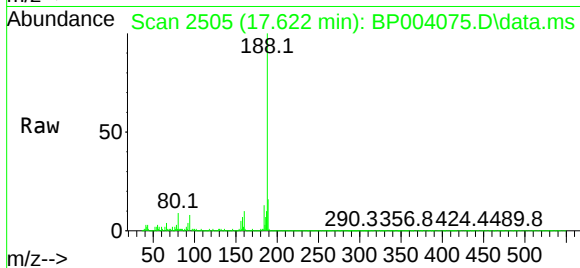




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.622 min Scan# 2505  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

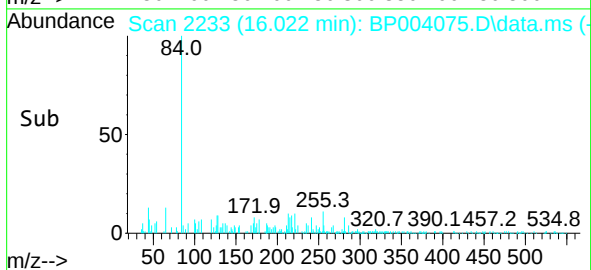
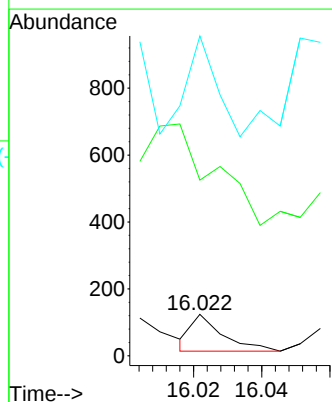
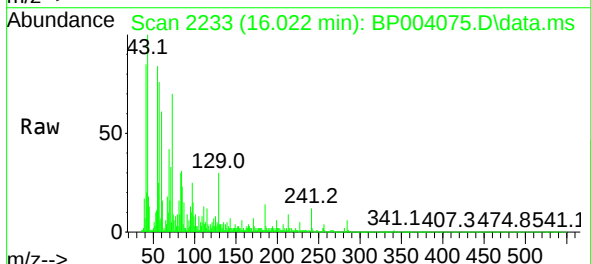
Instrument :  
BNA\_P  
ClientSampleId :  
GW-02

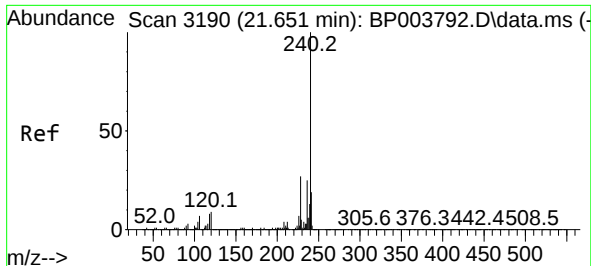
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 515034 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.2   | 6.2   | 9.2    |
| 80        | 9.2   | 6.2   | 9.2    |



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.36 ng  
RT: 16.022 min Scan# 2233  
Delta R.T. 0.006 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 71    |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 423.4 | 6.4   | 46.4# |
| 105       | 771.0 | 18.9  | 58.9# |

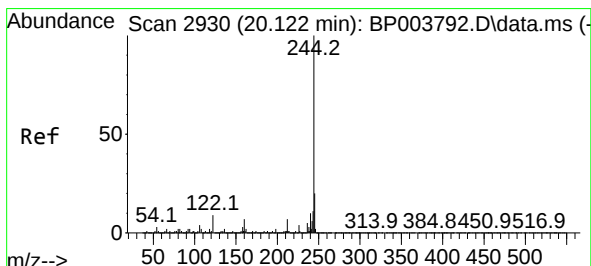
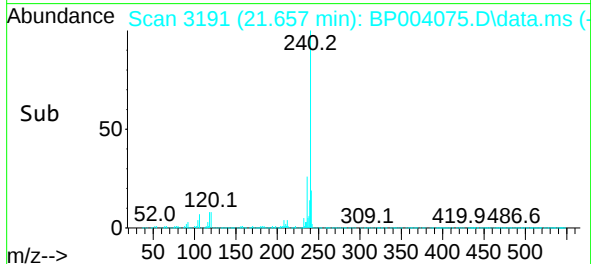
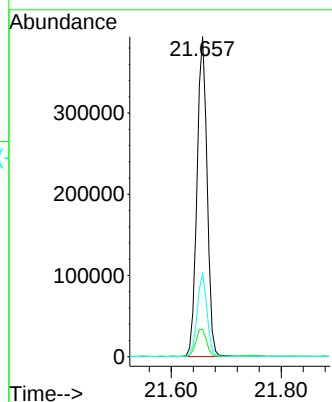
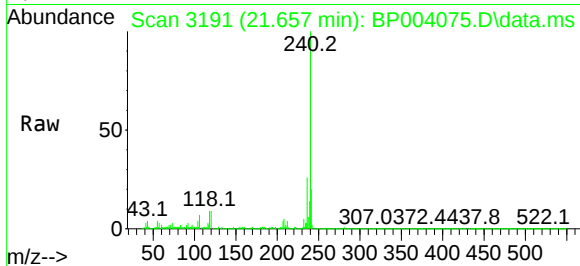




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.657 min Scan# 3191  
Delta R.T. -0.006 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

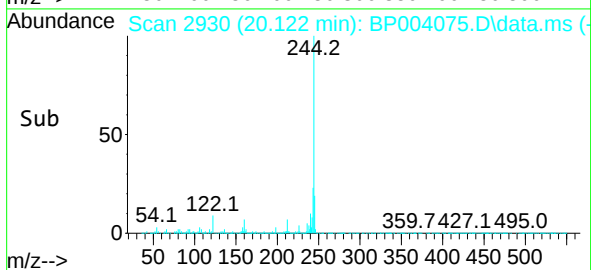
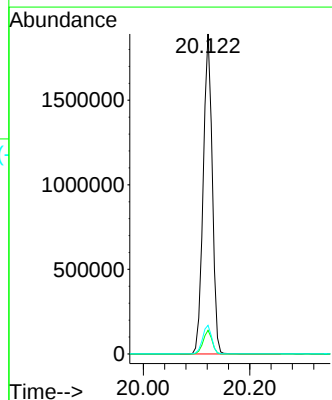
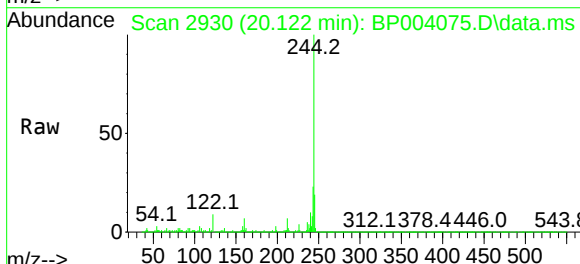
Instrument :  
BNA\_P  
ClientSampleId :  
GW-02

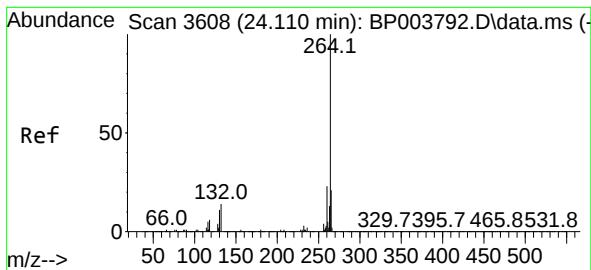
Tgt Ion:240 Resp: 503418  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.8 11.6  
236 26.0 20.8 31.2



#79  
Terphenyl-d14  
Concen: 85.22 ng  
RT: 20.122 min Scan# 2930  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

Tgt Ion:244 Resp: 2220605  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 8.9 7.8 11.8





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.127 min Scan# 3611  
Delta R.T. 0.000 min  
Lab File: BP004075.D  
Acq: 24 Nov 2020 14:37

Instrument :  
BNA\_P  
ClientSampleId :  
GW-02

Tgt Ion:264 Resp: 529821  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 18.8  | 28.2  |
| 265 | 21.6  | 17.4  | 26.2  |

