

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110420\  
 Data File : BP003810.D  
 Acq On : 04 Nov 2020 17:31  
 Operator : CG/JU  
 Sample : L4607-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OW-02

Quant Time: Nov 05 14:58:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 05 14:31:45 2020  
 Response via : Initial Calibration

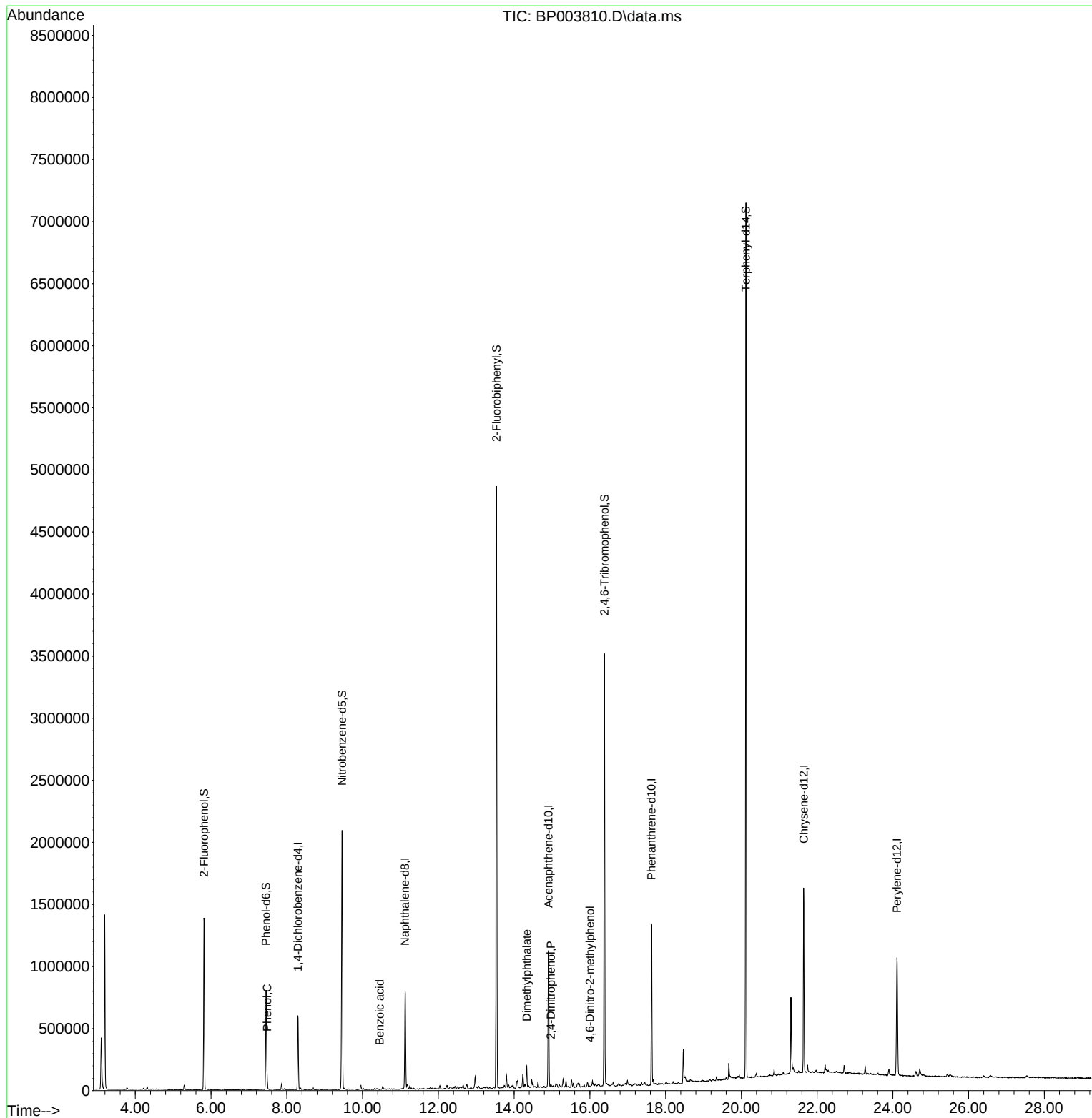
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.293  | 152  | 159149   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.122 | 136  | 629391   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.910 | 164  | 381438   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.628 | 188  | 775671   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.645 | 240  | 727137   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.110 | 264  | 742894   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.816  | 112  | 557236   | 29.22     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.452  | 99   | 414596   | 15.14     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.457  | 82   | 1125213  | 43.78     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.386 | 330  | 642973   | 67.39     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.534 | 172  | 2397990  | 43.94     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.122 | 244  | 2968675  | 39.44     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.393  | 77   | 90       | Below Cal | #     | 57       |
| 10) Phenol                    | 7.481  | 94   | 46684    | 3.53      | ng    | 81       |
| 32) Benzoic acid              | 10.452 | 122  | 12       | 8.31      | ng    | # 1      |
| 50) Dimethylphthalate         | 14.334 | 163  | 110633   | 3.71      | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.969 | 184  | 15       | 2.74      | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 16.004 | 198  | 70       | 6.36      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 05 14:31:45 2020  
Response via : Initial Calibration

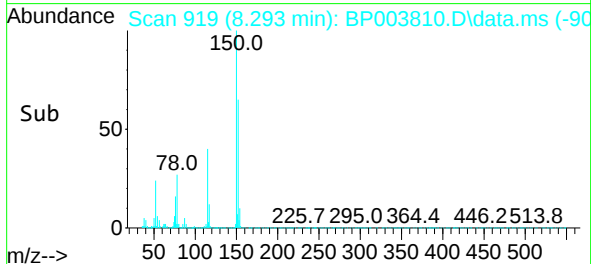
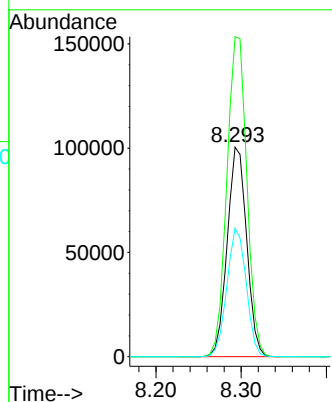
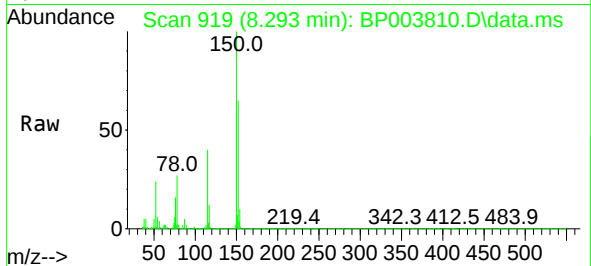




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.293 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

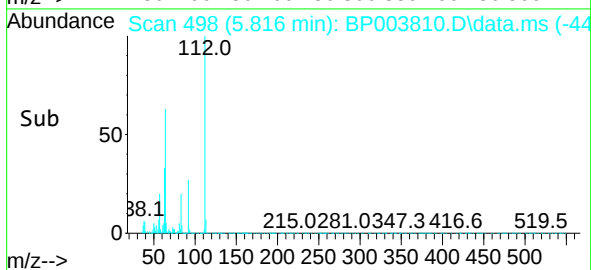
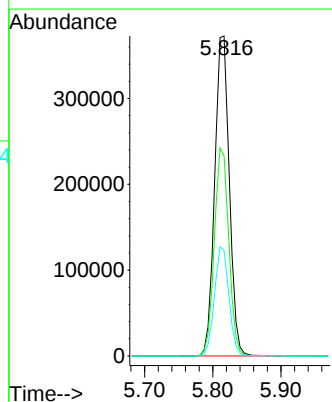
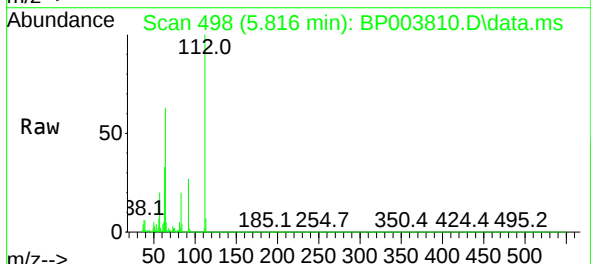
Instrument :  
BNA\_P  
ClientSampleId :  
OW-02

Tgt Ion:152 Resp: 159149  
Ion Ratio Lower Upper  
152 100  
150 152.8 123.8 185.6  
115 61.3 43.8 65.6



#5  
2-Fluorophenol  
Concen: 29.22 ng  
RT: 5.816 min Scan# 498  
Delta R.T. 0.006 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

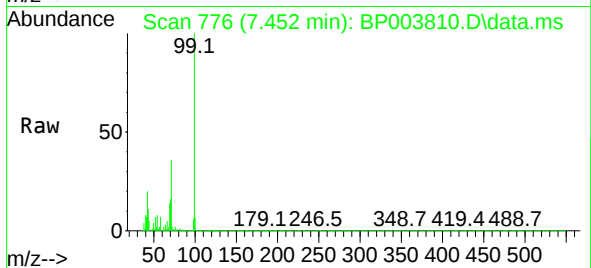
Tgt Ion:112 Resp: 557236  
Ion Ratio Lower Upper  
112 100  
64 62.6 32.8 49.2#  
63 33.0 17.0 25.4#



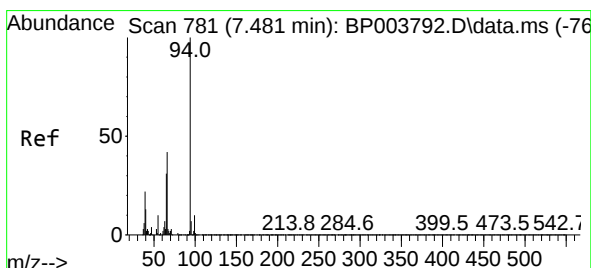
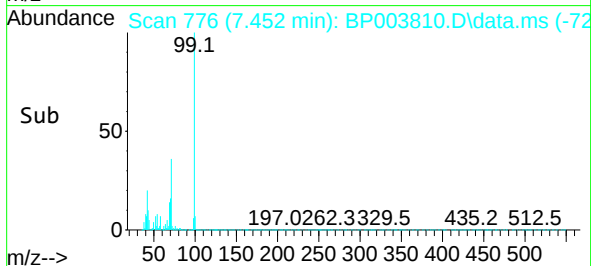
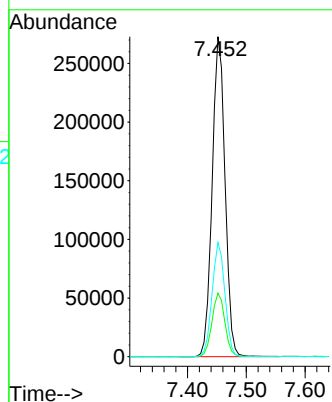


#7  
Phenol-d6  
Concen: 15.14 ng  
RT: 7.452 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

Instrument :  
BNA\_P  
ClientSampleId :  
OW-02

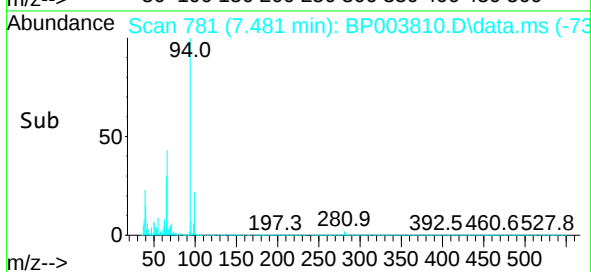
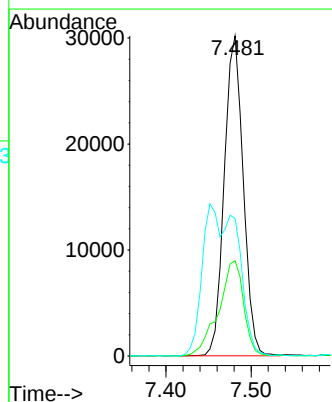
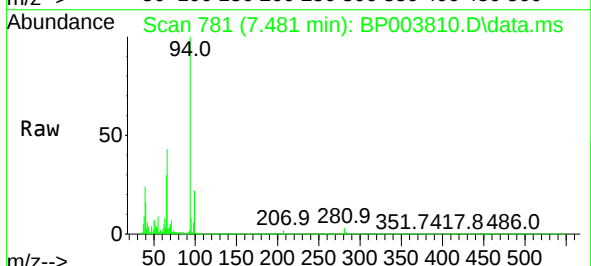


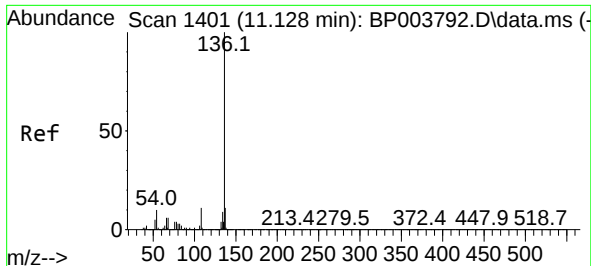
Tgt Ion: 99 Resp: 414596  
Ion Ratio Lower Upper  
99 100  
42 19.9 8.6 13.0#  
71 35.7 23.4 35.2#



#10  
Phenol  
Concen: 3.53 ng  
RT: 7.481 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

Tgt Ion: 94 Resp: 46684  
Ion Ratio Lower Upper  
94 100  
65 29.7 2.3 42.3  
66 42.9 10.9 50.9

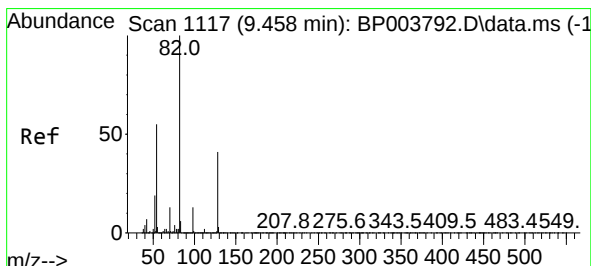
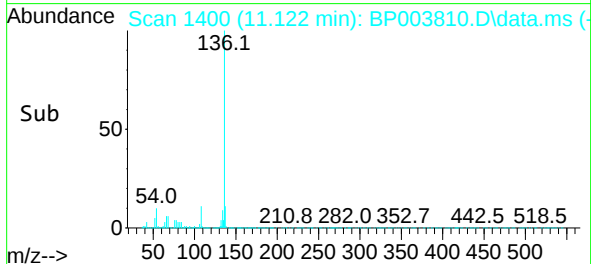
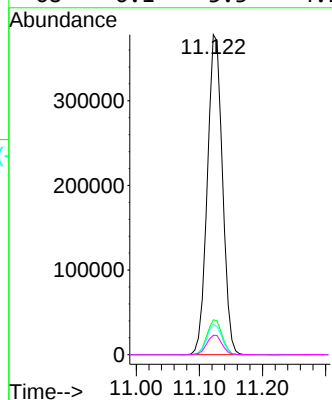
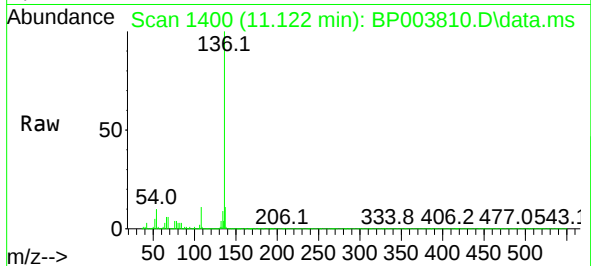




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.122 min Scan# 1400  
Delta R.T. -0.006 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

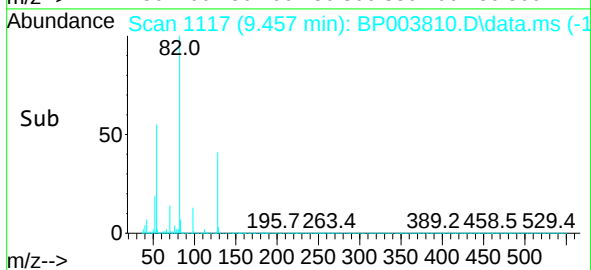
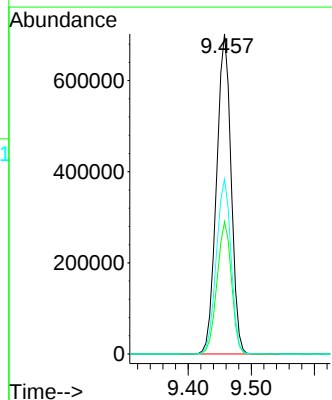
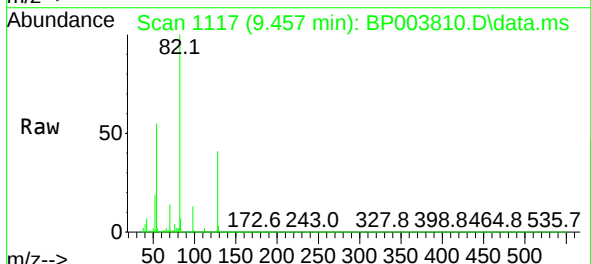
Instrument :  
BNA\_P  
ClientSampleId :  
OW-02

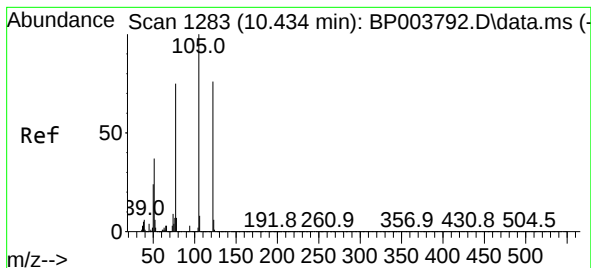
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 629391 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.6   | 13.0   |
| 54        | 9.5   | 3.6   | 5.4#   |
| 68        | 6.1   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 43.78 ng  
RT: 9.457 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 82    | Resp: | 1125213 |
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 41.4  | 45.6  | 68.4#   |
| 54        | 54.6  | 30.1  | 45.1#   |

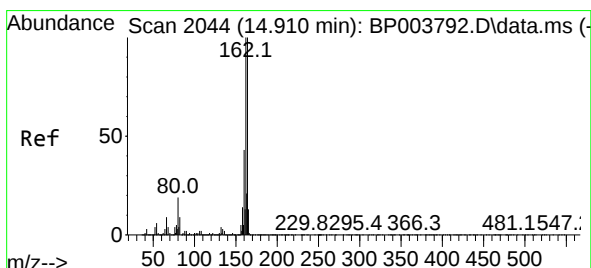
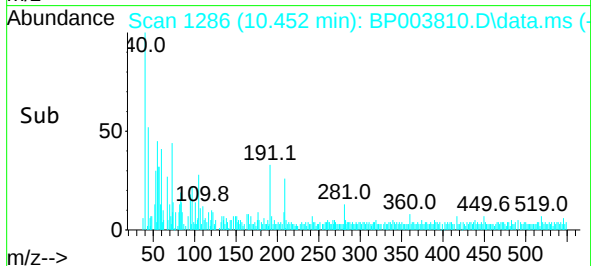
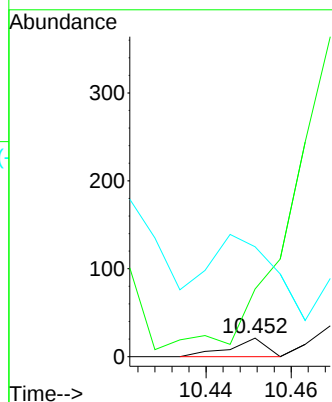
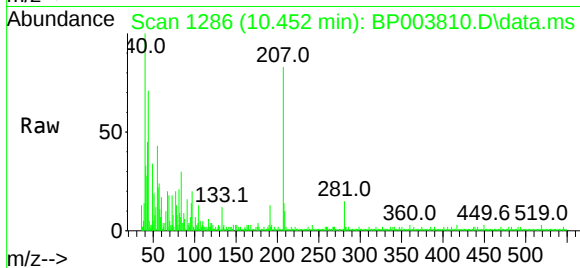




#32  
Benzoic acid  
Concen: 8.31 ng  
RT: 10.452 min Scan# 1286  
Delta R.T. 0.018 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

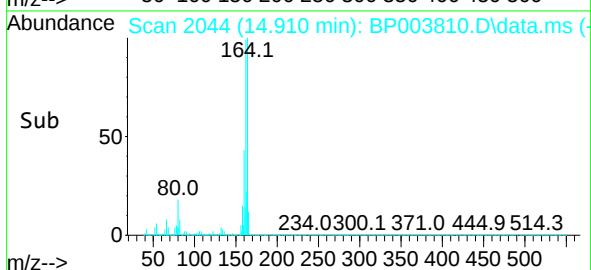
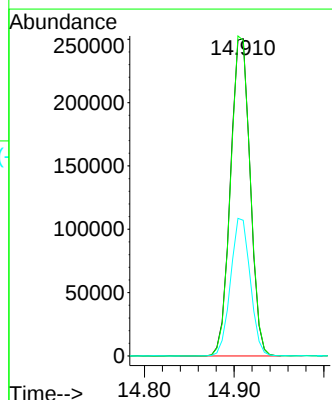
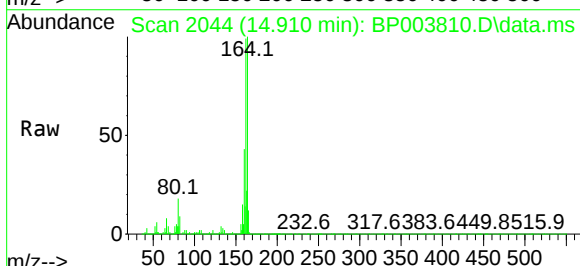
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ClientSampleId :  
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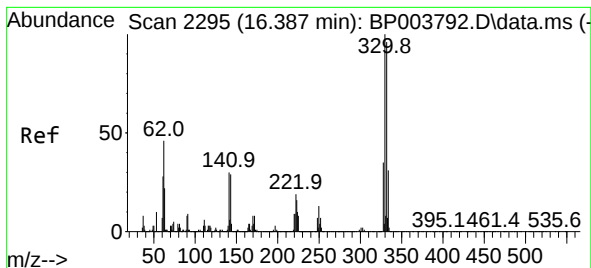
Tgt Ion:122 Resp: 12  
Ion Ratio Lower Upper  
122 100  
105 366.7 94.1 134.1#  
77 595.2 50.1 90.1#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.910 min Scan# 2044  
Delta R.T. 0.000 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

Tgt Ion:164 Resp: 381438  
Ion Ratio Lower Upper  
164 100  
162 99.5 79.4 119.2  
160 42.8 36.1 54.1

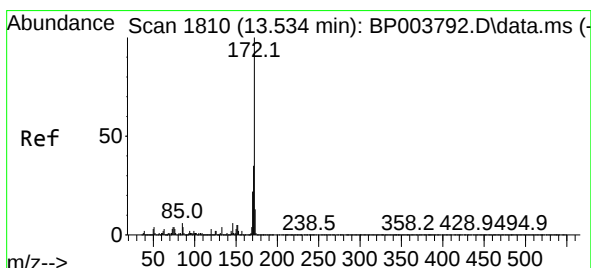
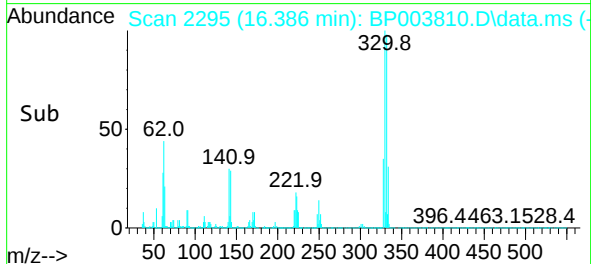
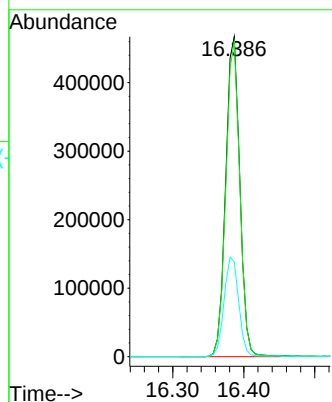
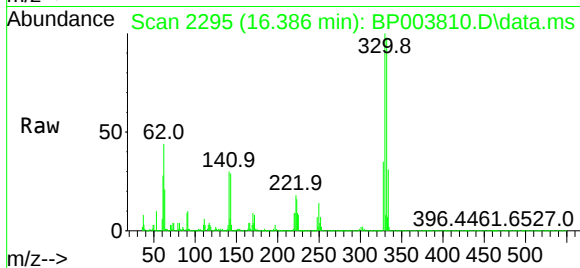




#42  
2,4,6-Tribromophenol  
Concen: 67.39 ng  
RT: 16.386 min Scan# 2295  
Delta R.T. -0.000 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

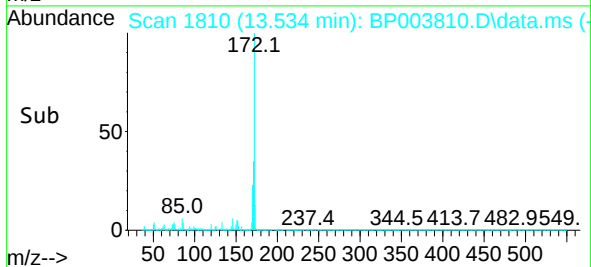
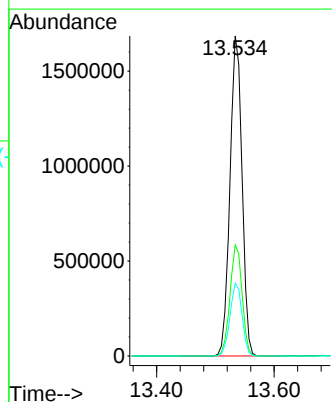
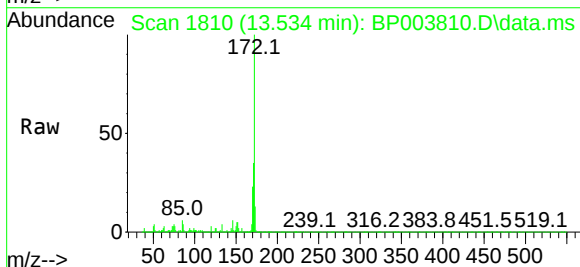
Instrument :  
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OW-02

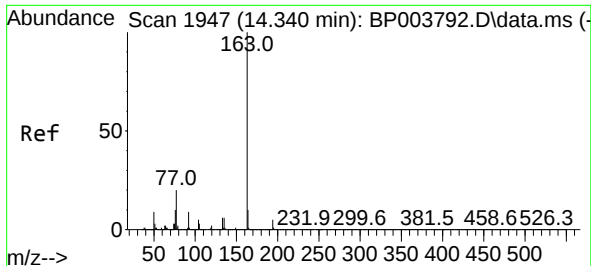
Tgt Ion:330 Resp: 642973  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.1 115.7  
141 32.3 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 43.94 ng  
RT: 13.534 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

Tgt Ion:172 Resp: 2397990  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.5 42.7  
170 22.7 19.2 28.8

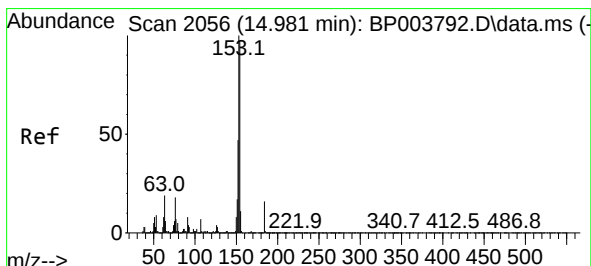
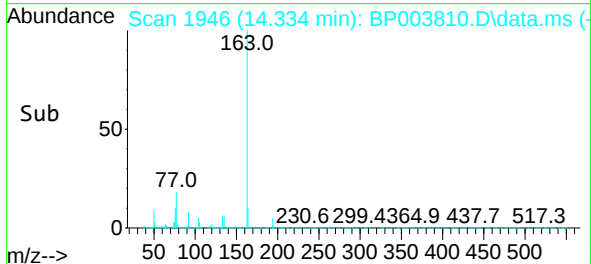
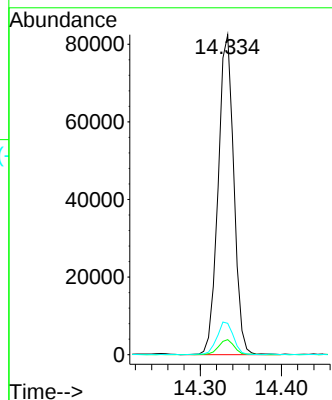
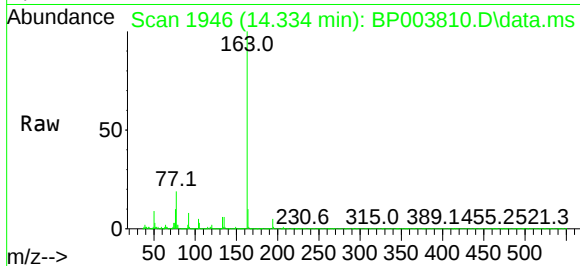




#50  
Dimethylphthalate  
Concen: 3.71 ng  
RT: 14.334 min Scan# 1946  
Delta R.T. -0.006 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

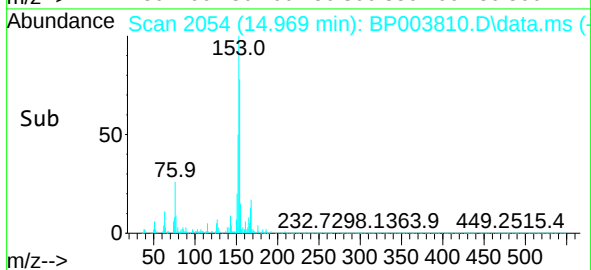
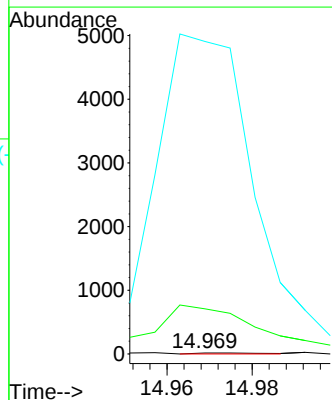
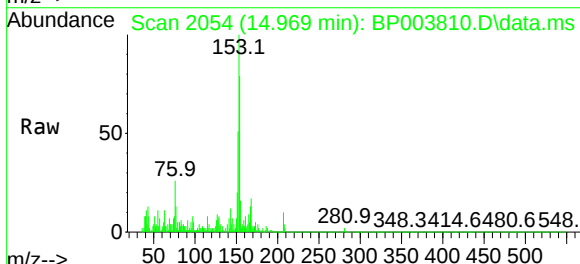
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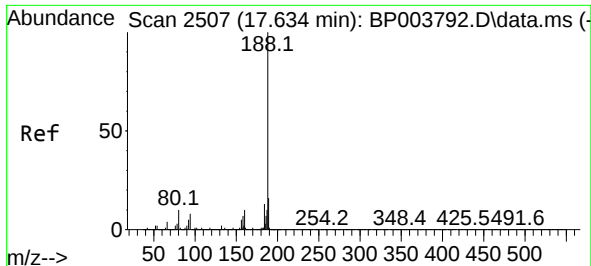
Tgt Ion:163 Resp: 110633  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.3 4.9  
164 9.8 8.2 12.2



#54  
2,4-Dinitrophenol  
Concen: 2.74 ng  
RT: 14.969 min Scan# 2054  
Delta R.T. -0.012 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

Tgt Ion:184 Resp: 15  
Ion Ratio Lower Upper  
184 100  
63 4726.7 32.3 48.5#  
154 32720.0 49.1 73.7#

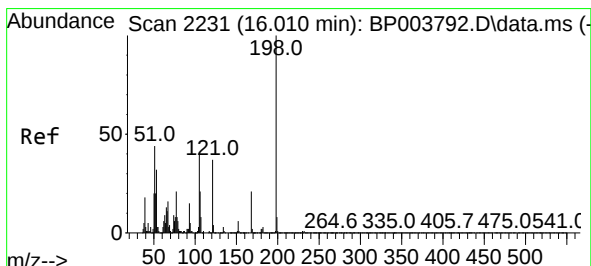
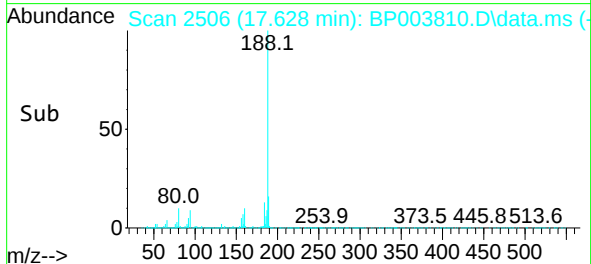
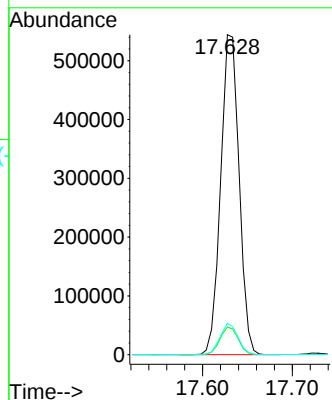
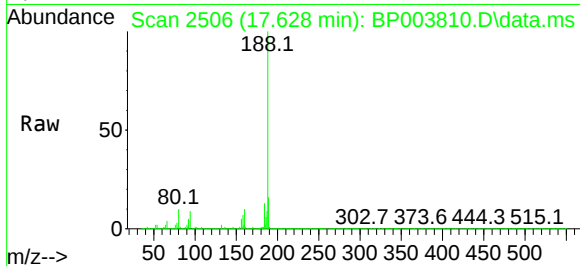




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.628 min Scan# 2506  
Delta R.T. -0.006 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

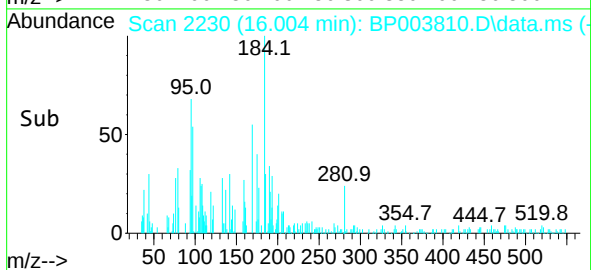
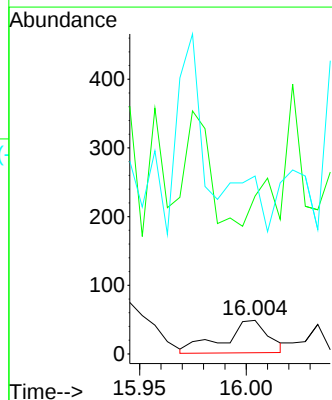
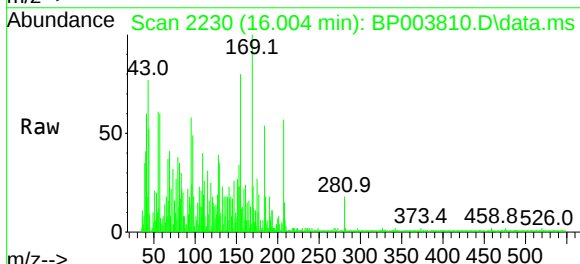
Instrument :  
BNA\_P  
ClientSampleId :  
OW-02

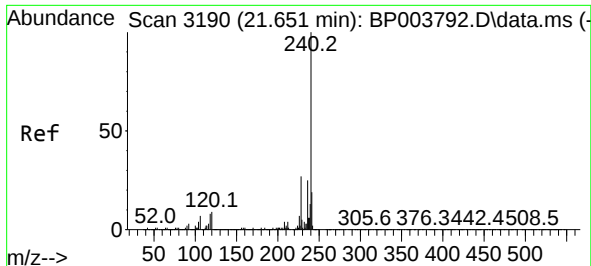
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Ion Ratio Lower Upper  
188 100  
94 8.7 6.2 9.2  
80 9.8 6.2 9.2#



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.36 ng  
RT: 16.004 min Scan# 2230  
Delta R.T. -0.006 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

Tgt Ion:198 Resp: 70  
Ion Ratio Lower Upper  
198 100  
51 469.4 6.4 46.4#  
105 528.6 18.9 58.9#

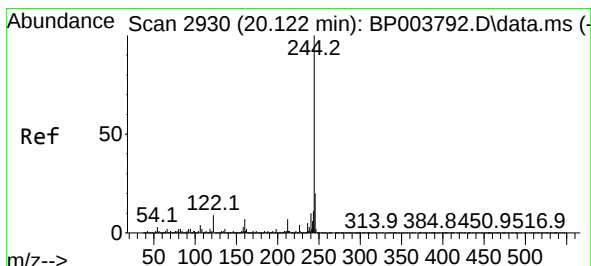
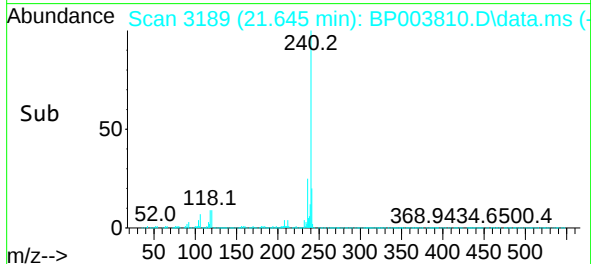
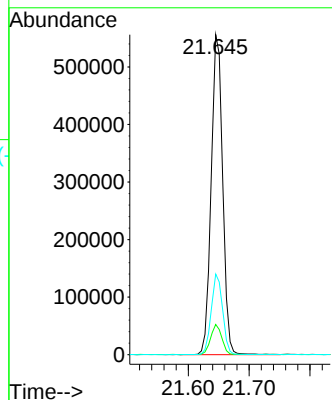
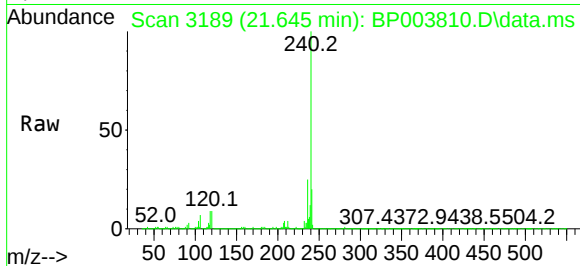




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.645 min Scan# 3189  
Delta R.T. -0.006 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

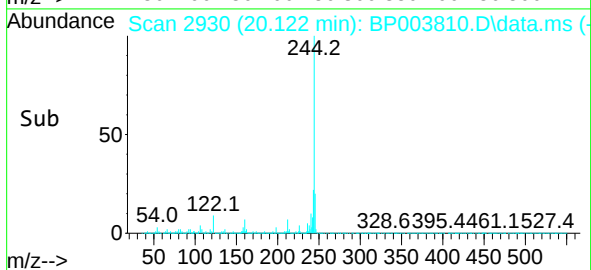
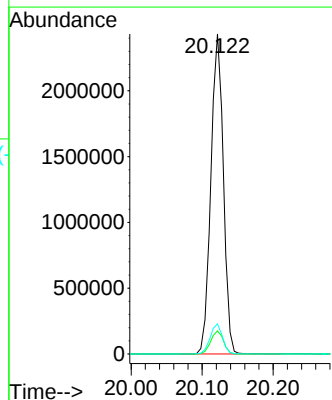
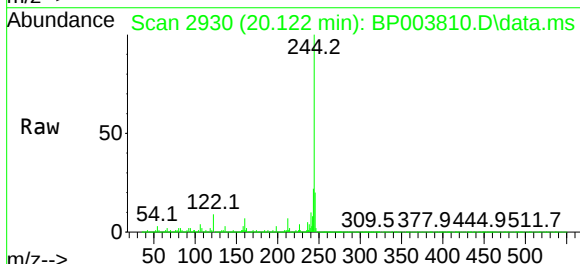
Instrument :  
BNA\_P  
ClientSampleId :  
OW-02

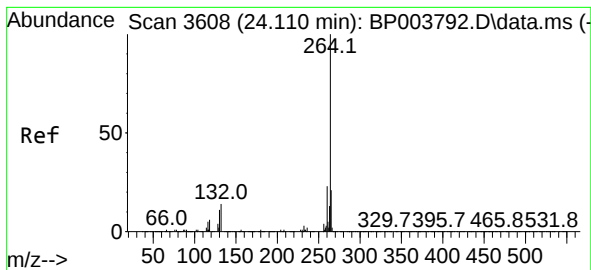
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 727137 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.4   | 7.8   | 11.6   |
| 236       | 25.2  | 20.8  | 31.2   |



#79  
Terphenyl-d14  
Concen: 39.44 ng  
RT: 20.122 min Scan# 2930  
Delta R.T. -0.000 min  
Lab File: BP003810.D  
Acq: 04 Nov 2020 17:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 2968675 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.2   | 5.8   | 8.6     |
| 122       | 9.4   | 7.8   | 11.8    |





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.110 min Scan# 3608  
 Delta R.T. -0.000 min  
 Lab File: BP003810.D  
 Acq: 04 Nov 2020 17:31

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OW-02

Tgt Ion:264 Resp: 742894  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.8 28.2  
 265 21.3 17.4 26.2

