

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061021\  
 Data File : BP005841.D  
 Acq On : 10 Jun 2021 17:01  
 Operator : CG/JU  
 Sample : M2609-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 IDW-AQ-FT1-060321

Quant Time: Jun 10 17:38:24 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 09 11:54:55 2021  
 Response via : Initial Calibration

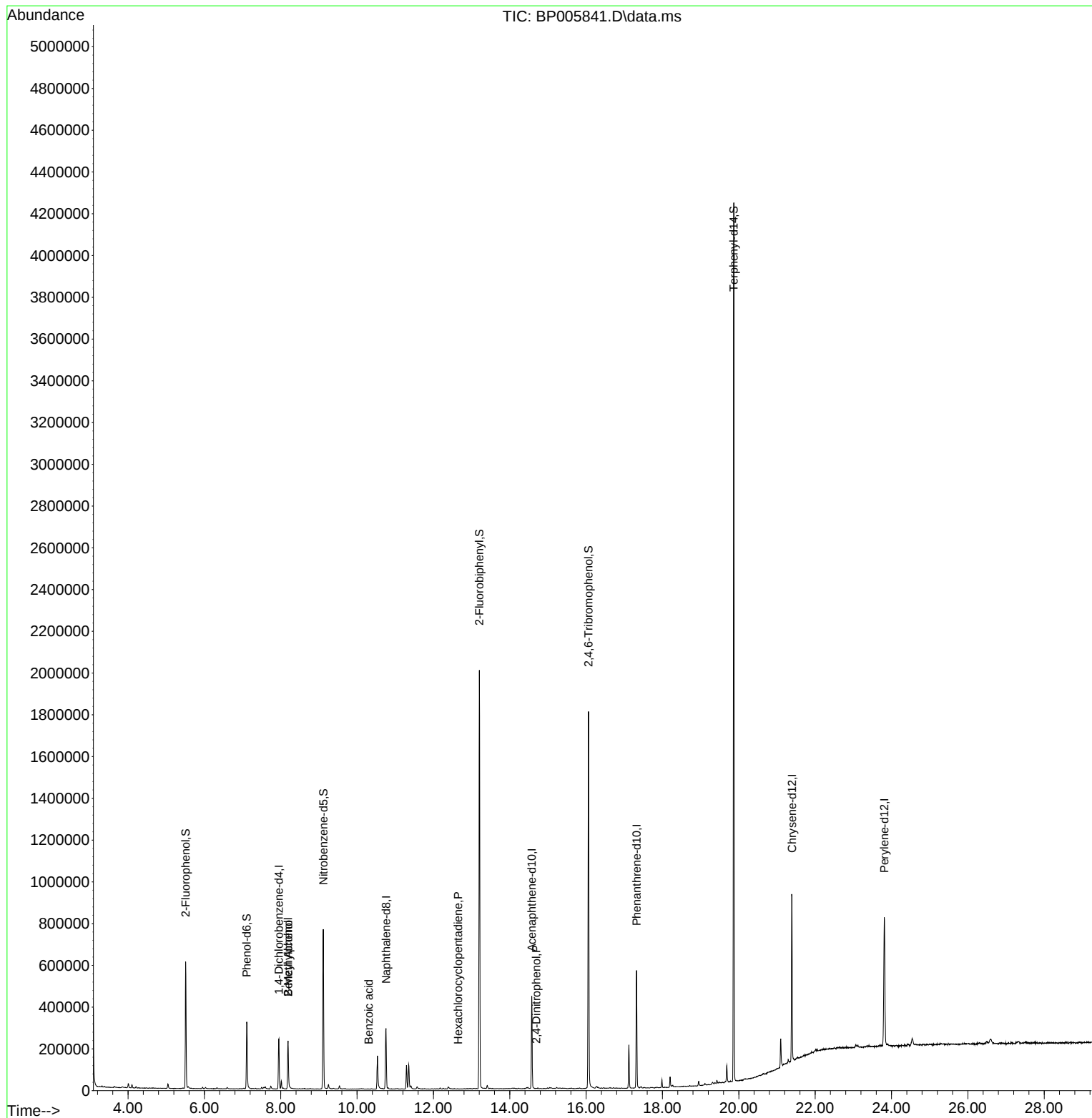
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 66661    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.758 | 136  | 242271   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.575 | 164  | 152540   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.322 | 188  | 328032   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.392 | 240  | 408608   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.810 | 264  | 484592   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.511  | 112  | 265502   | 63.910  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.111  | 99   | 185377   | 34.427  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.116  | 82   | 446163   | 90.288  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 364964   | 139.421 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.204 | 172  | 1023545  | 88.111  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.869 | 244  | 1824854  | 83.626  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 15) Benzyl Alcohol            | 8.193  | 79   | 87549    | 21.587  | ng    | 99       |
| 17) 2-Methylphenol            | 8.193  | 107  | 46933    | 12.806  | ng    | # 9      |
| 32) Benzoic acid              | 10.305 | 122  | 89       | 6.348   | ng    | 91       |
| 41) Hexachlorocyclopentadiene | 12.652 | 237  | 10       | 5.507   | ng    | 76       |
| 54) 2,4-Dinitrophenol         | 14.698 | 184  | 11       | 4.855   | ng    | # 48     |
| -----                         |        |      |          |         |       |          |

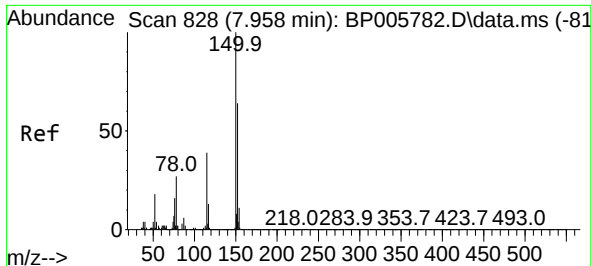
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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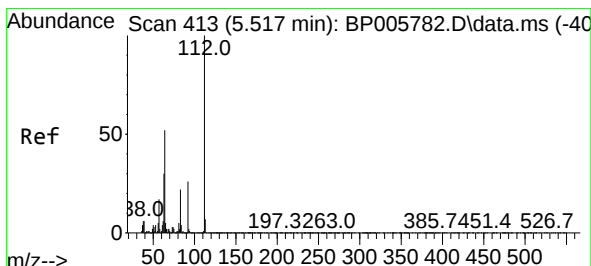
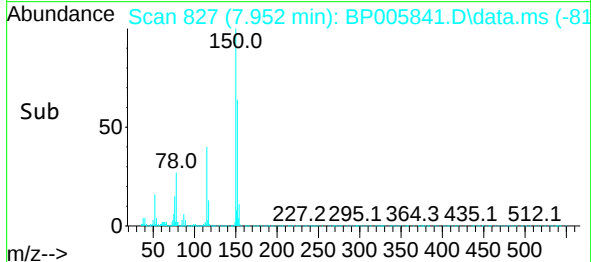
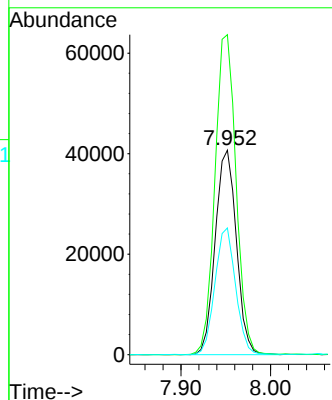
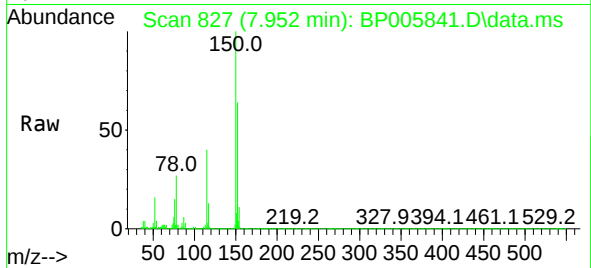




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.952 min Scan# 827  
Delta R.T. -0.006 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

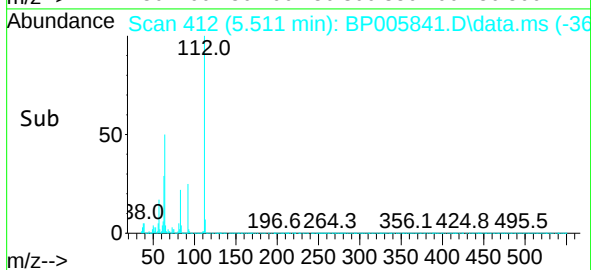
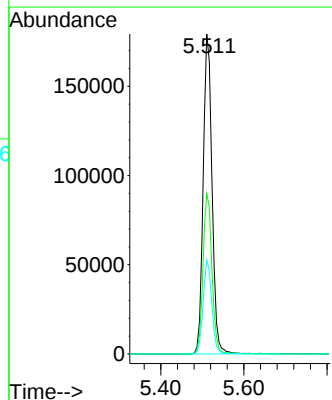
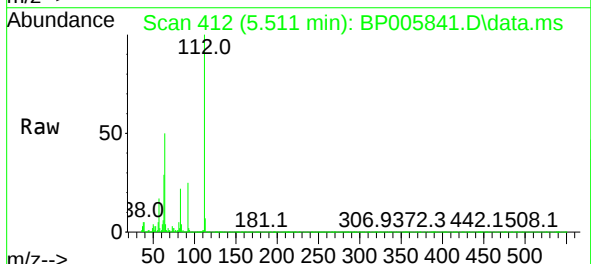
Instrument :  
BNA\_P  
ClientSampleId :  
IDW-AQ-FT1-060321

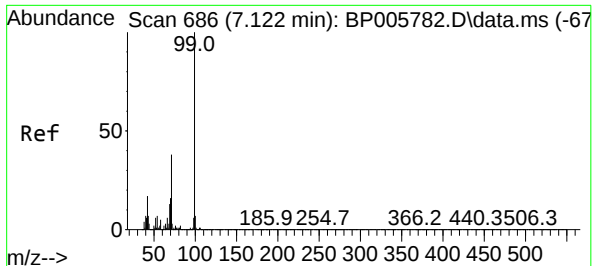
Tgt Ion:152 Resp: 66661  
Ion Ratio Lower Upper  
152 100  
150 156.5 125.6 188.4  
115 62.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 63.910 ng  
RT: 5.511 min Scan# 412  
Delta R.T. -0.006 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

Tgt Ion:112 Resp: 265502  
Ion Ratio Lower Upper  
112 100  
64 50.1 41.4 62.2  
63 29.4 23.8 35.8

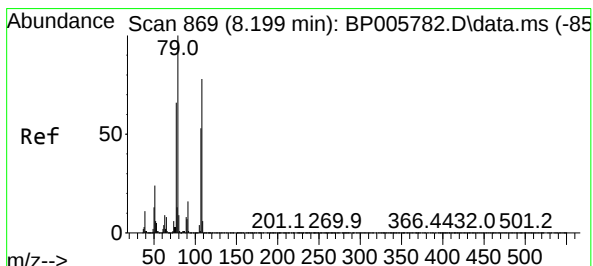
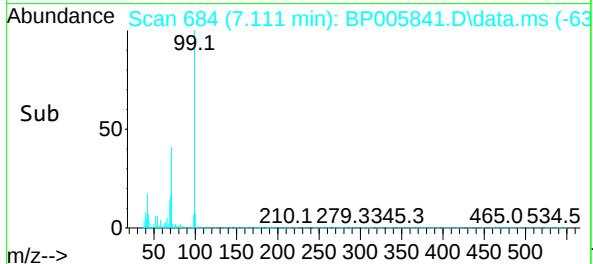
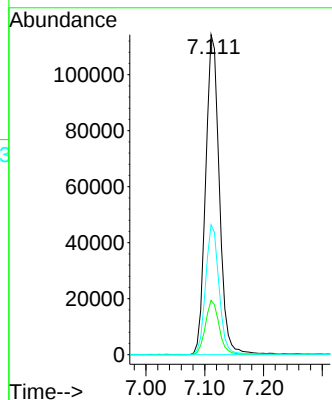
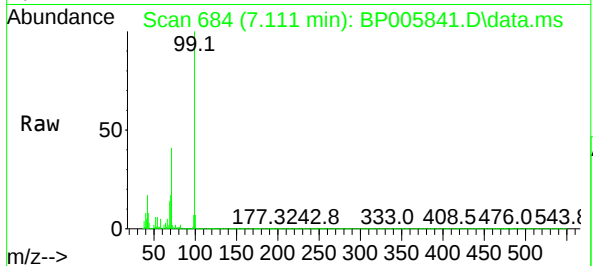




#7  
Phenol-d6  
Concen: 34.427 ng  
RT: 7.111 min Scan# 684  
Delta R.T. -0.011 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

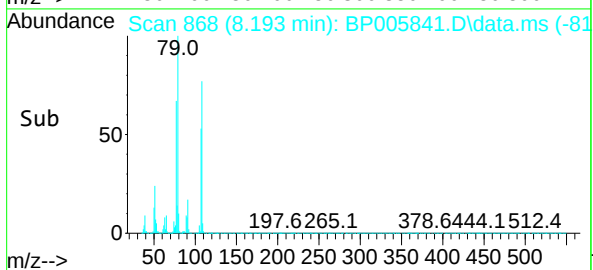
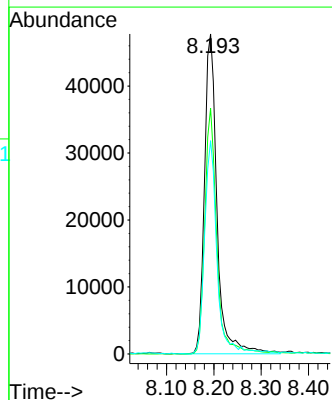
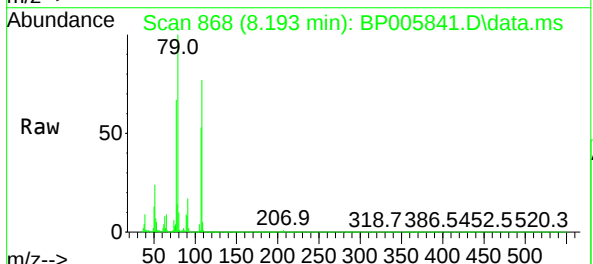
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IDW-AQ-FT1-060321

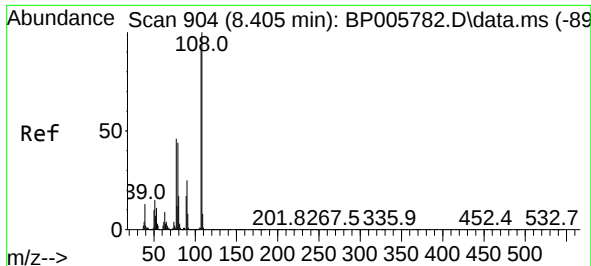
Tgt Ion: 99 Resp: 185377  
Ion Ratio Lower Upper  
99 100  
42 17.0 13.4 20.0  
71 40.6 30.6 46.0



#15  
Benzyl Alcohol  
Concen: 21.587 ng  
RT: 8.193 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

Tgt Ion: 79 Resp: 87549  
Ion Ratio Lower Upper  
79 100  
108 76.8 62.5 93.7  
77 66.7 52.9 79.3





#17

2-Methylphenol

Concen: 12.806 ng

RT: 8.193 min Scan# 868

Delta R.T. -0.212 min

Lab File: BP005841.D

Acq: 10 Jun 2021 17:01

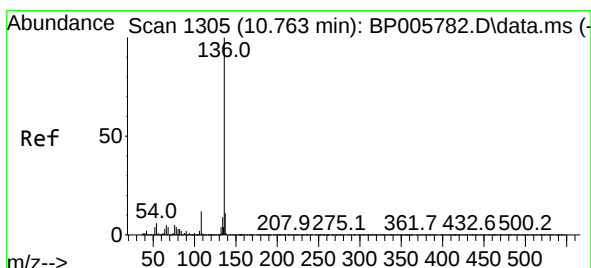
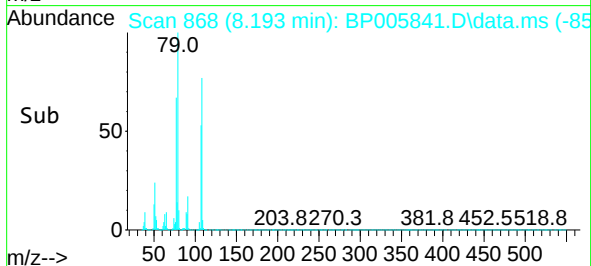
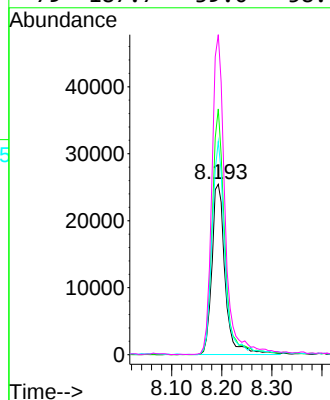
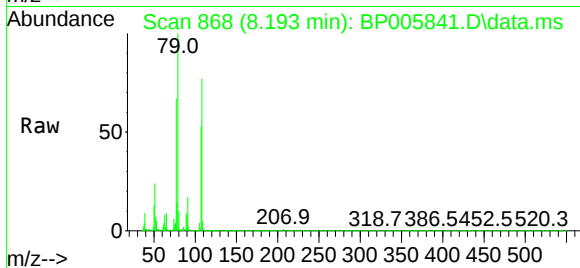
Instrument :

BNA\_P

ClientSampleId :

IDW-AQ-FT1-060321

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 46933  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 144.2 | 87.7  | 131.5# |
| 77       | 125.1 | 40.2  | 60.2#  |
| 79       | 187.7 | 39.0  | 58.4#  |



#21

Naphthalene-d8

Concen: 20.000 ng

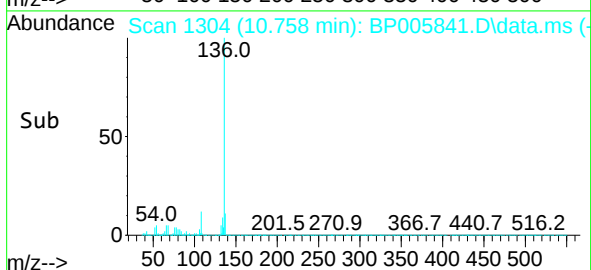
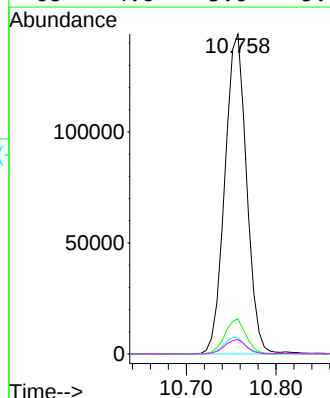
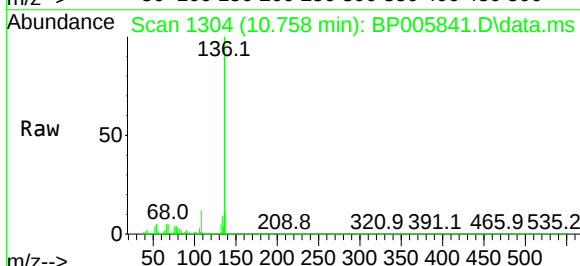
RT: 10.758 min Scan# 1304

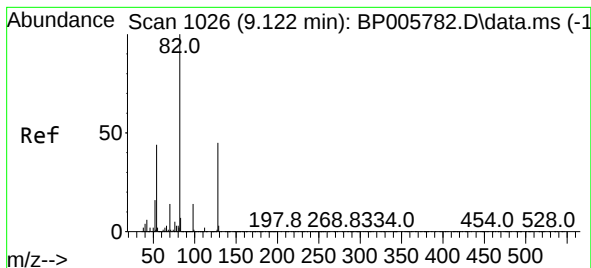
Delta R.T. -0.005 min

Lab File: BP005841.D

Acq: 10 Jun 2021 17:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 242271 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.6   | 12.8   |
| 54       | 5.0   | 4.6   | 6.8    |
| 68       | 4.6   | 3.6   | 5.4    |

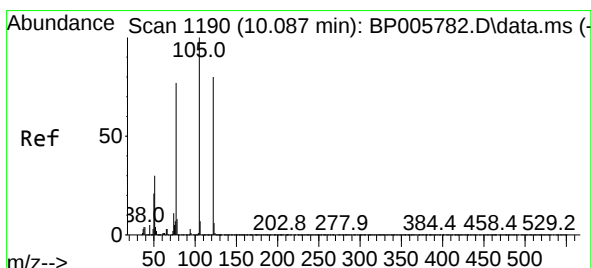
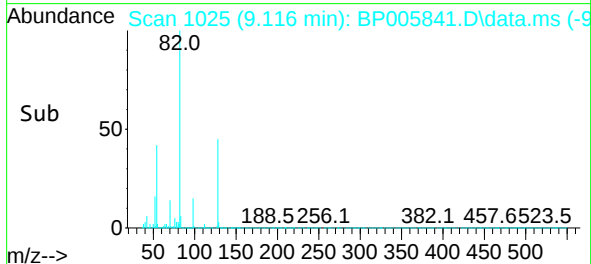
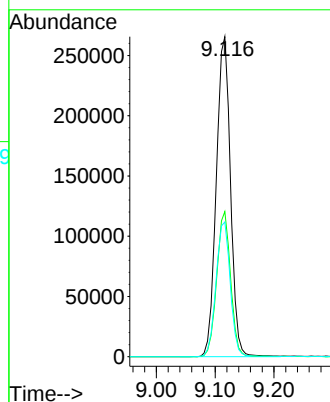
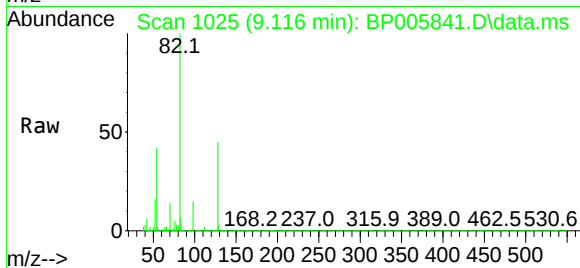




#23  
Nitrobenzene-d5  
Concen: 90.288 ng  
RT: 9.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

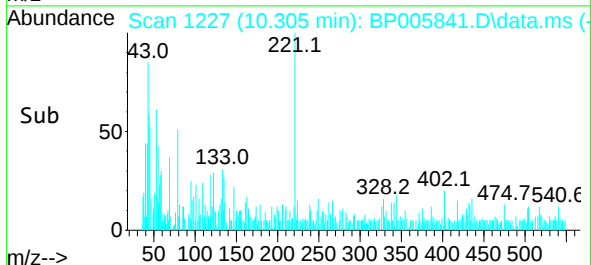
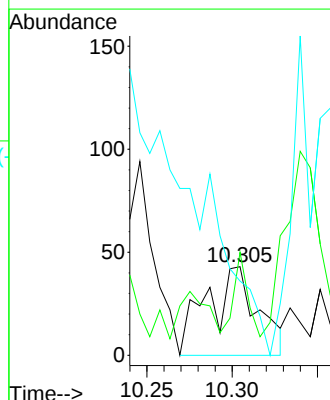
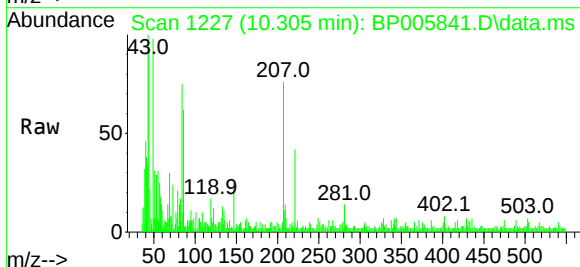
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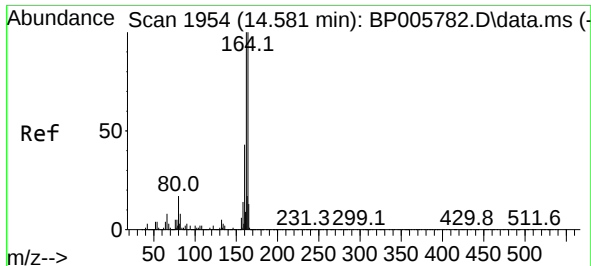
Tgt Ion: 82 Resp: 446163  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.7 53.5  
54 42.1 35.0 52.4



#32  
Benzoic acid  
Concen: 6.348 ng  
RT: 10.305 min Scan# 1227  
Delta R.T. 0.218 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

Tgt Ion: 122 Resp: 89  
Ion Ratio Lower Upper  
122 100  
105 116.3 103.2 143.2  
77 83.7 76.2 116.2

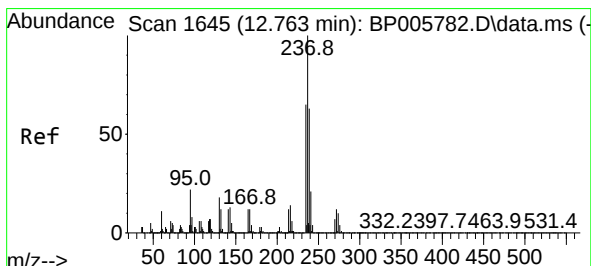
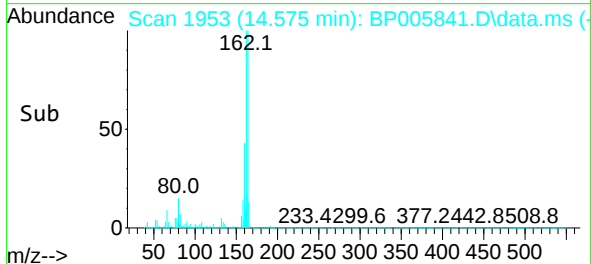
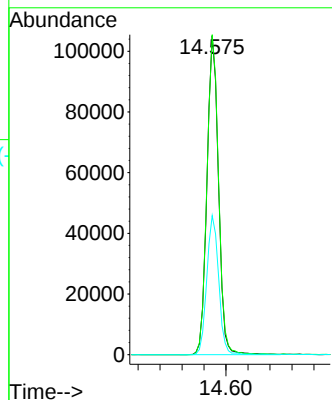
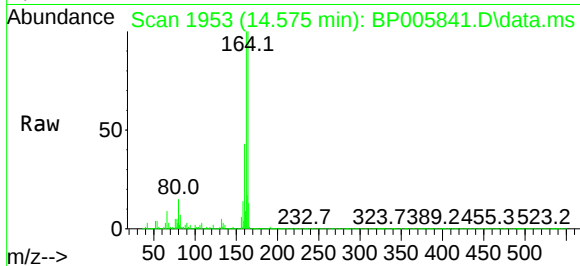




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.575 min Scan# 1953  
Delta R.T. -0.006 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

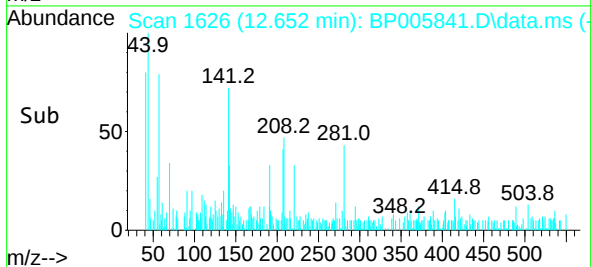
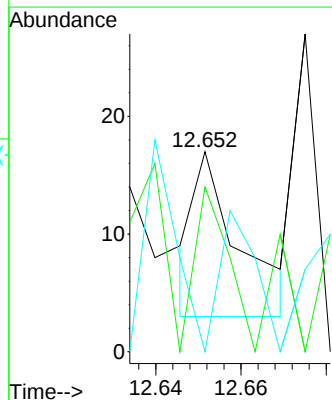
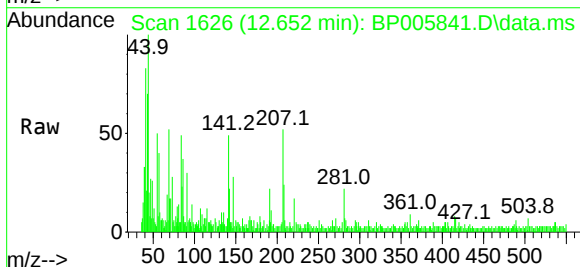
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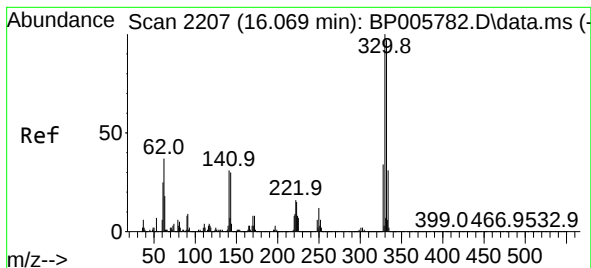
Tgt Ion:164 Resp: 152540  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.2 120.2  
160 43.6 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 5.507 ng  
RT: 12.652 min Scan# 1626  
Delta R.T. -0.111 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

Tgt Ion:237 Resp: 10  
Ion Ratio Lower Upper  
237 100  
235 82.4 44.5 84.5  
272 0.0 0.0 32.5

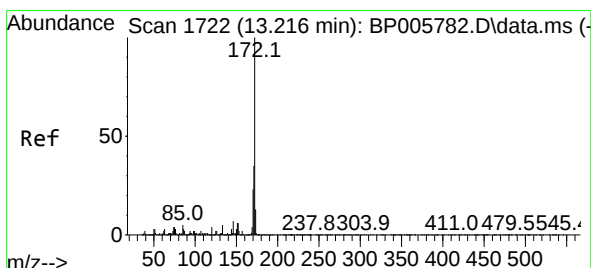
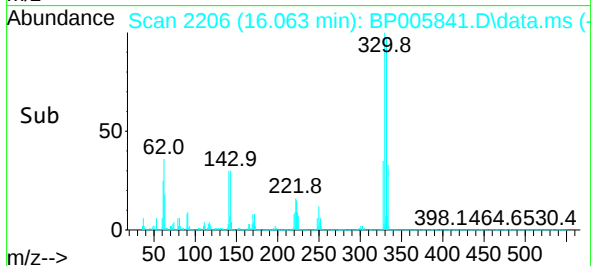
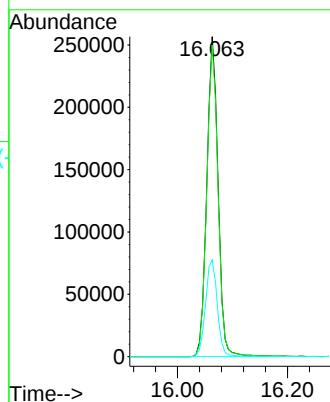
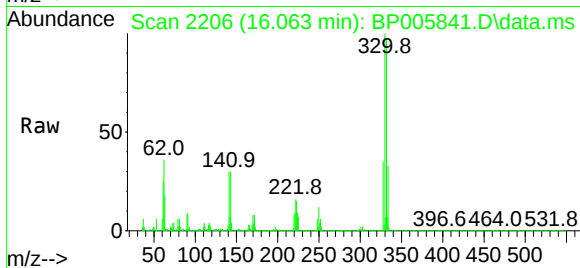




#42  
2,4,6-Tribromophenol  
Concen: 139.421 ng  
RT: 16.063 min Scan# 2206  
Delta R.T. -0.006 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

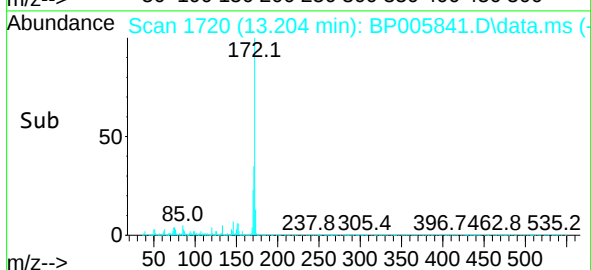
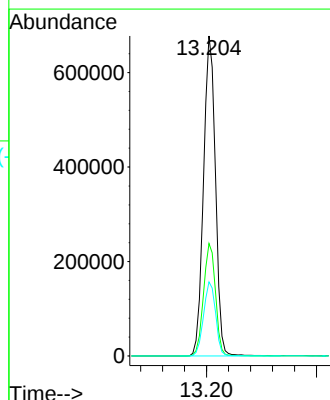
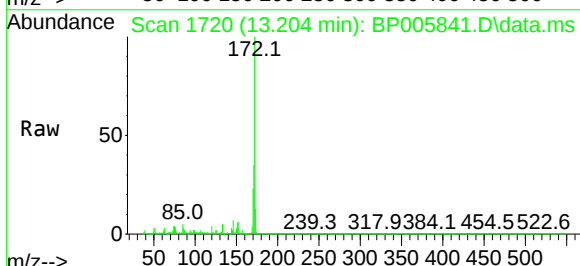
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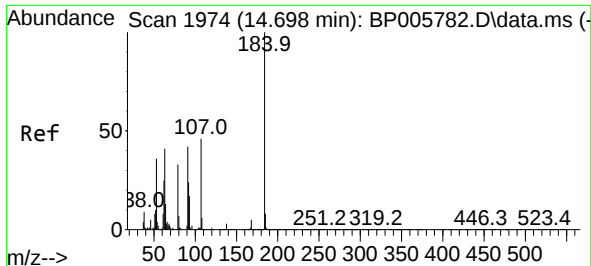
Tgt Ion:330 Resp: 364964  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.8 116.8  
141 31.9 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 88.111 ng  
RT: 13.204 min Scan# 1720  
Delta R.T. -0.012 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

Tgt Ion:172 Resp: 1023545  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.9 41.9  
170 23.1 18.6 27.8

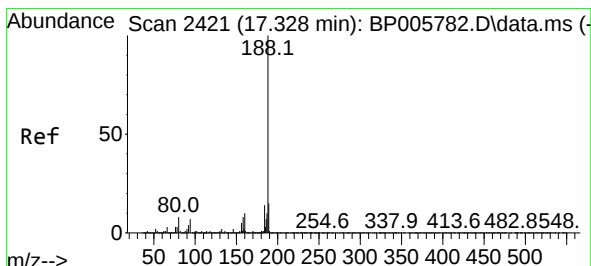
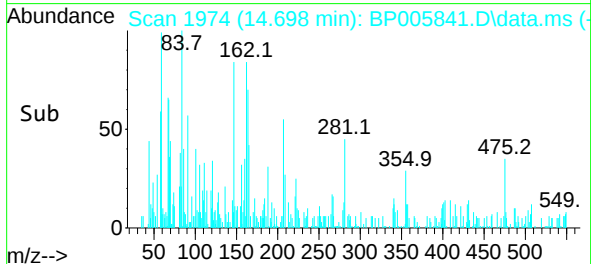
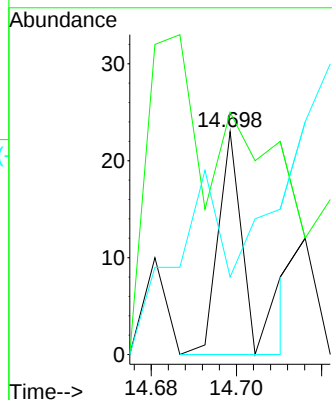
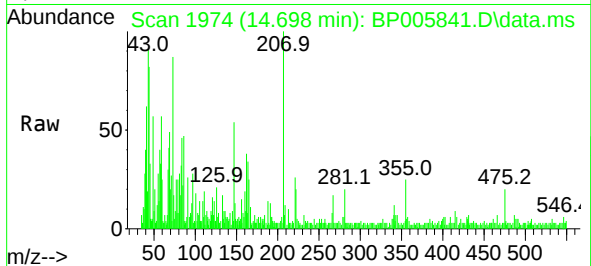




#54  
2,4-Dinitrophenol  
Concen: 4.855 ng  
RT: 14.698 min Scan# 1974  
Delta R.T. 0.000 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

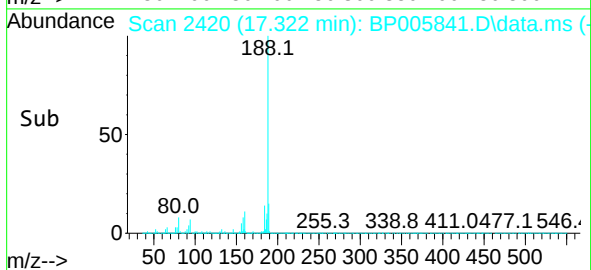
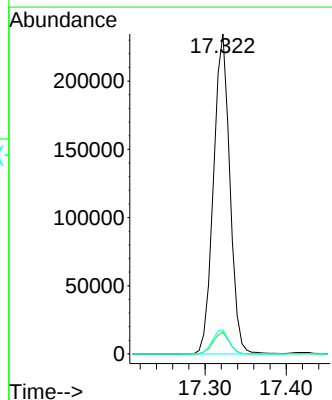
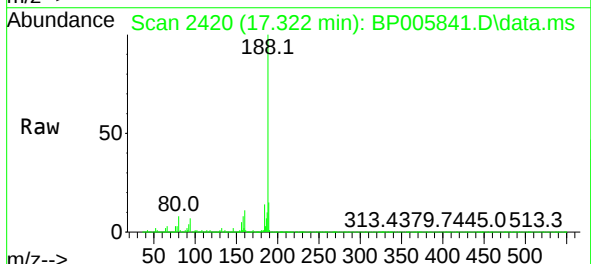
Instrument :  
BNA\_P  
ClientSampleId :  
IDW-AQ-FT1-060321

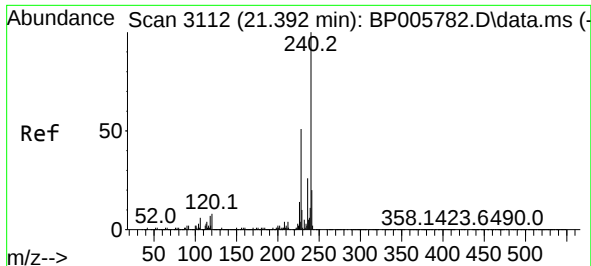
Tgt Ion:184 Resp: 11  
Ion Ratio Lower Upper  
184 100  
63 108.7 47.0 70.6#  
154 34.8 52.3 78.5#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.322 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

Tgt Ion:188 Resp: 328032  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.6 8.4  
80 7.5 6.3 9.5

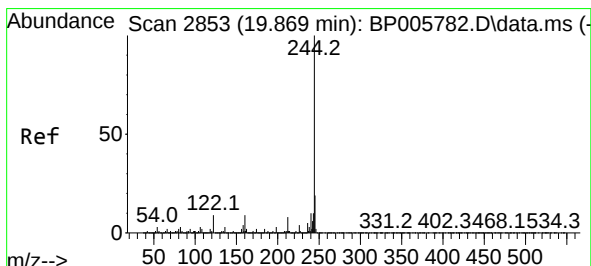
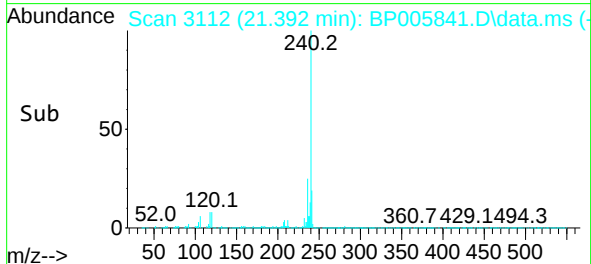
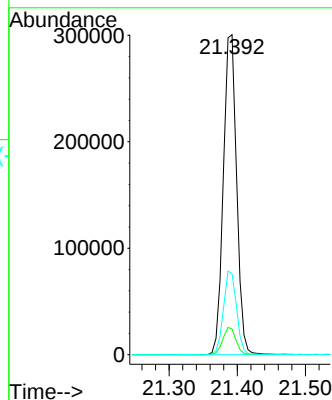
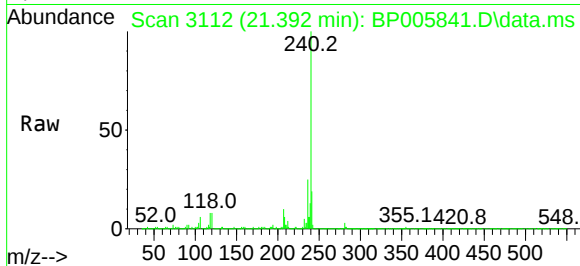




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.392 min Scan# 3112  
Delta R.T. 0.000 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

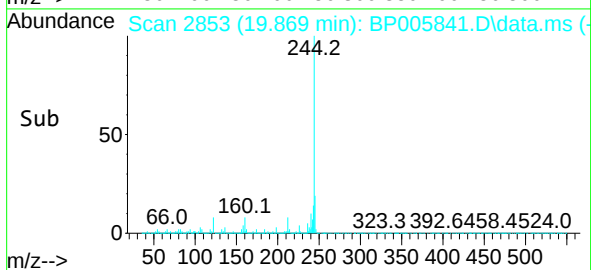
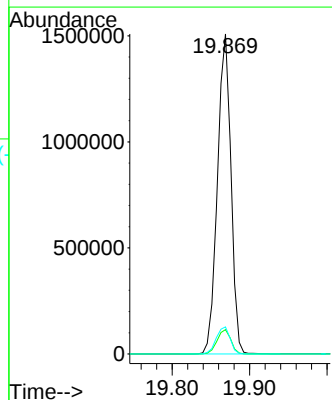
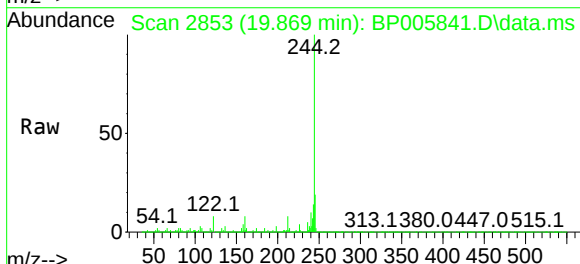
Instrument :  
BNA\_P  
ClientSampleId :  
IDW-AQ-FT1-060321

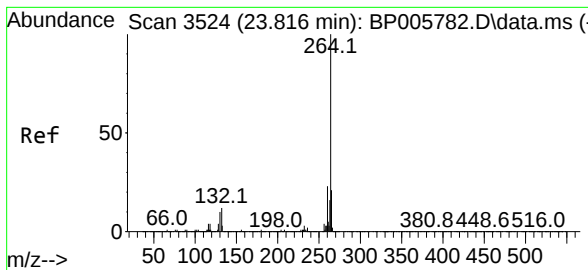
Tgt Ion:240 Resp: 408608  
Ion Ratio Lower Upper  
240 100  
120 8.1 6.5 9.7  
236 25.3 20.6 31.0



#79  
Terphenyl-d14  
Concen: 83.626 ng  
RT: 19.869 min Scan# 2853  
Delta R.T. -0.000 min  
Lab File: BP005841.D  
Acq: 10 Jun 2021 17:01

Tgt Ion:244 Resp: 1824854  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.0 9.0  
122 8.4 7.1 10.7





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.810 min Scan# 3523  
 Delta R.T. -0.006 min  
 Lab File: BP005841.D  
 Acq: 10 Jun 2021 17:01

Instrument :  
 BNA\_P  
 ClientSampleId :  
 IDW-AQ-FT1-060321

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 484592 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.6  | 18.6  | 28.0   |
| 265      | 22.2  | 17.6  | 26.4   |

