

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082421\  
 Data File : BP006847.D  
 Acq On : 24 Aug 2021 14:41  
 Operator : CG/JU  
 Sample : M3505-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL-CUTTING

Quant Time: Aug 24 15:45:41 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 13:40:38 2021  
 Response via : Initial Calibration

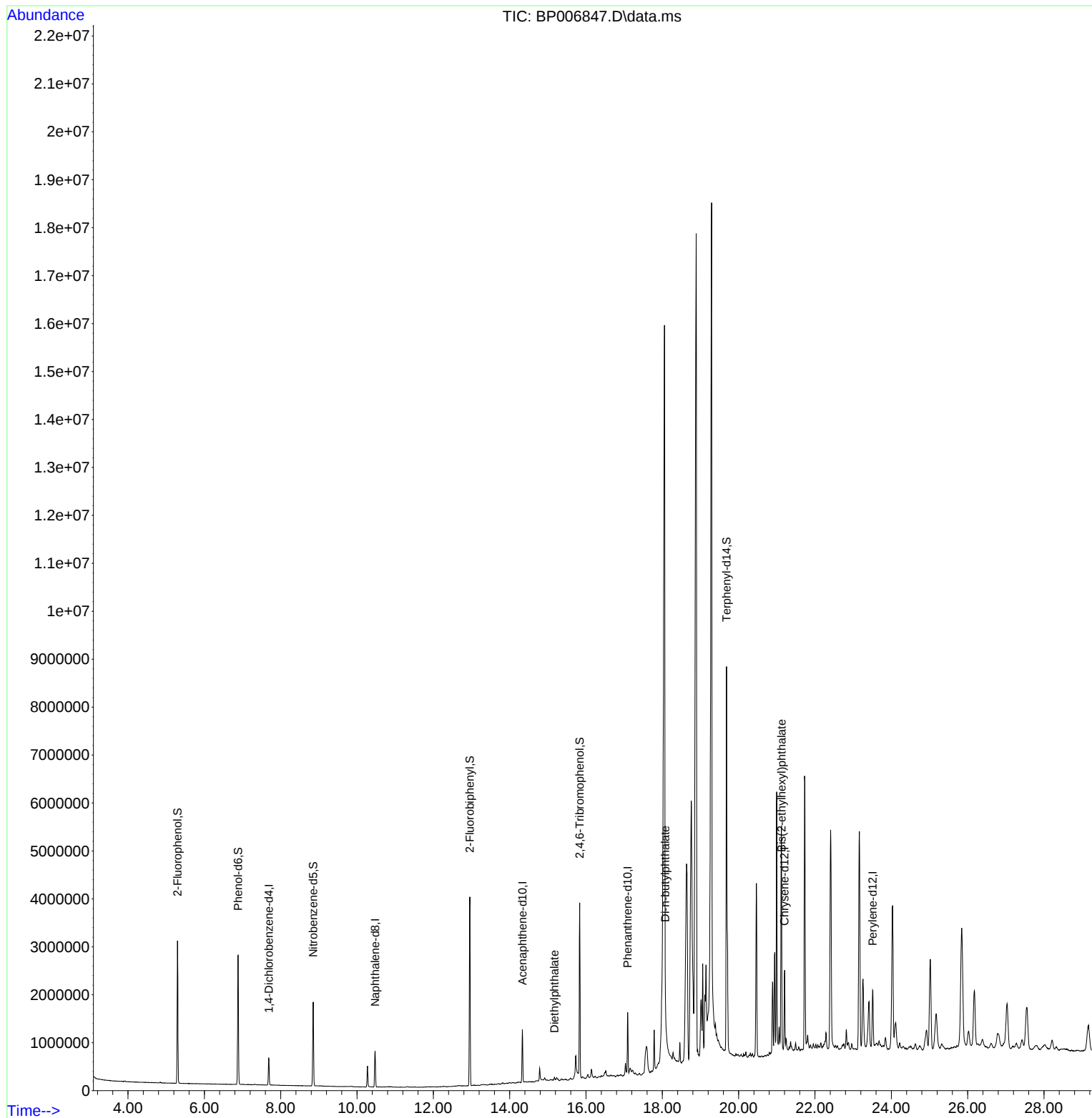
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.687  | 152  | 148946   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.475 | 136  | 602120   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.334 | 164  | 345907   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 699330   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.204 | 240  | 710598   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.510 | 264  | 782555   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.299  | 112  | 1269730  | 130.936 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.887  | 99   | 1573037  | 114.193 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.852  | 82   | 1023434  | 78.455  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.834 | 330  | 583952   | 161.531 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.957 | 172  | 1872263  | 80.980  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.680 | 244  | 3168416  | 89.345  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 60) Diethylphthalate          | 15.175 | 149  | 53484    | 2.022   | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.075 | 149  | 141553   | 3.196   | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.127 | 149  | 98490    | 3.140   | ng    | # 95     |
| -----                         |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082421\  
Data File : BP006847.D  
Acq On : 24 Aug 2021 14:41  
Operator : CG/JU  
Sample : M3505-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

Quant Time: Aug 24 15:45:41 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 24 13:40:38 2021  
Response via : Initial Calibration

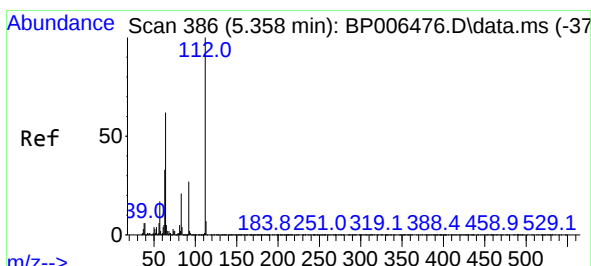
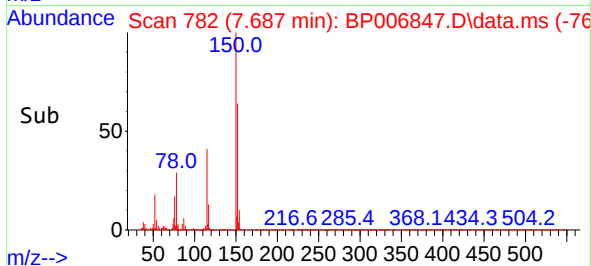
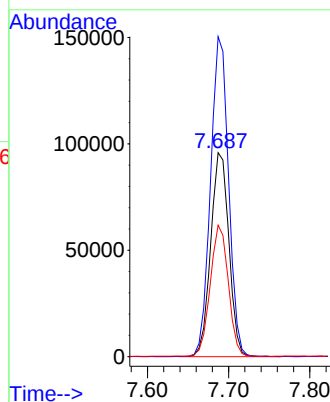
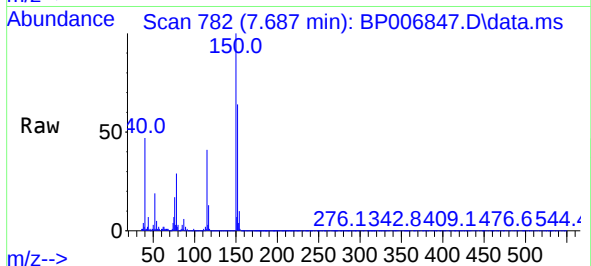




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.687 min Scan# 782  
Delta R.T. -0.000 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

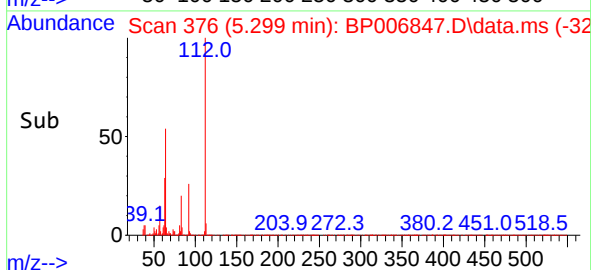
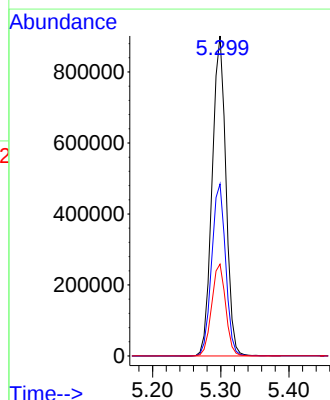
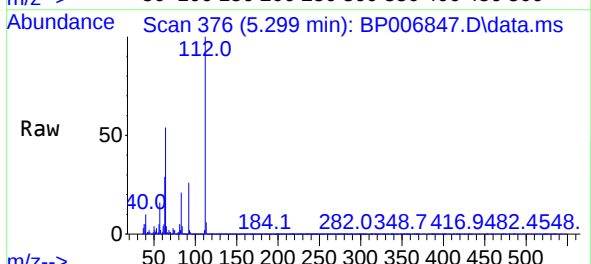
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

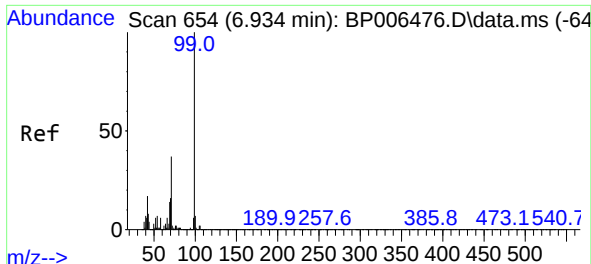
Tgt Ion:152 Resp: 148946  
Ion Ratio Lower Upper  
152 100  
150 156.9 125.6 188.4  
115 64.5 48.5 72.7



#5  
2-Fluorophenol  
Concen: 130.936 ng  
RT: 5.299 min Scan# 376  
Delta R.T. 0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Tgt Ion:112 Resp: 1269730  
Ion Ratio Lower Upper  
112 100  
64 53.7 41.4 62.2  
63 28.7 23.8 35.8



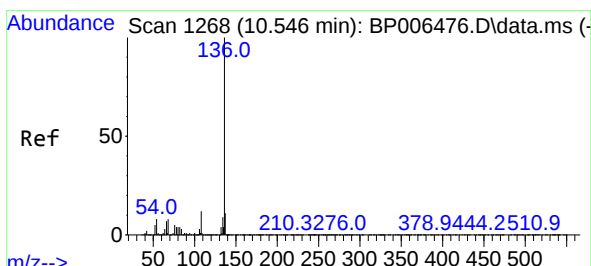
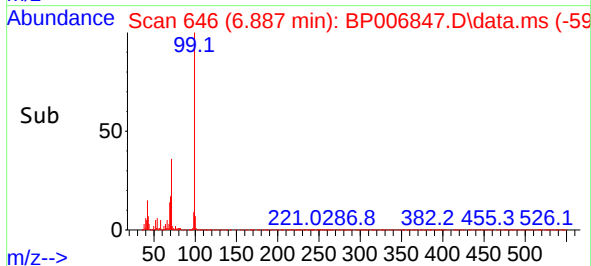
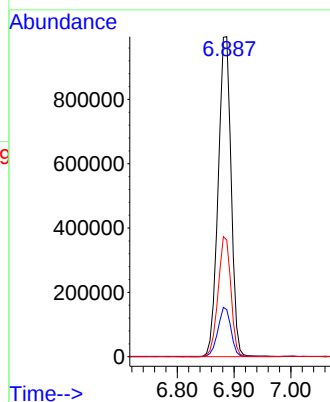
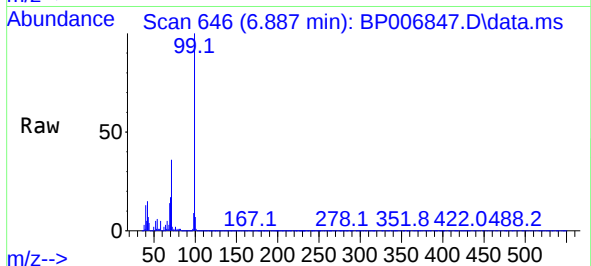


#7  
Phenol-d6  
Concen: 114.193 ng  
RT: 6.887 min Scan# 646  
Delta R.T. 0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

Tgt Ion: 99 Resp: 1573037

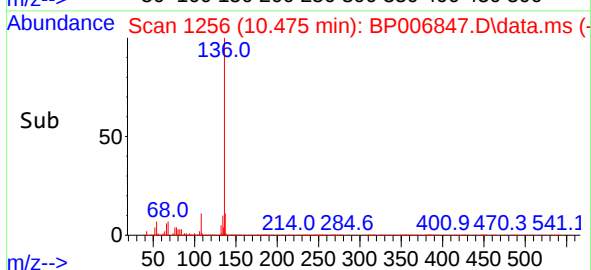
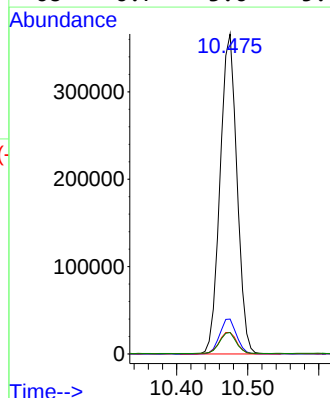
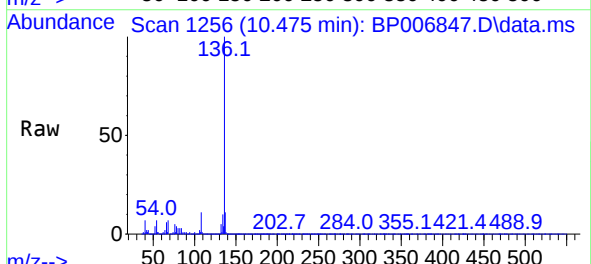
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.7  | 13.4  | 20.0  |
| 71  | 36.4  | 30.6  | 46.0  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Tgt Ion: 136 Resp: 602120

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 6.7   | 4.6   | 6.8   |
| 68  | 6.7   | 3.6   | 5.4   |

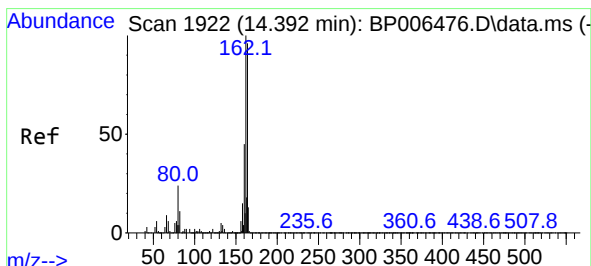
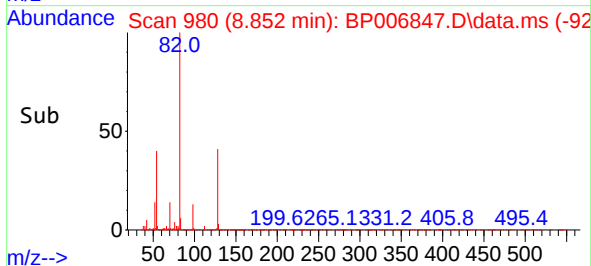
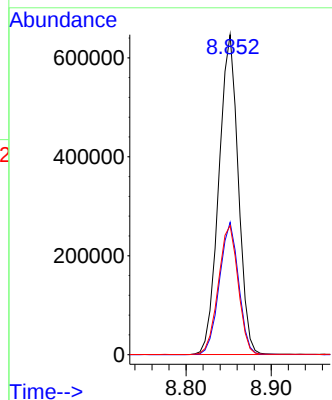
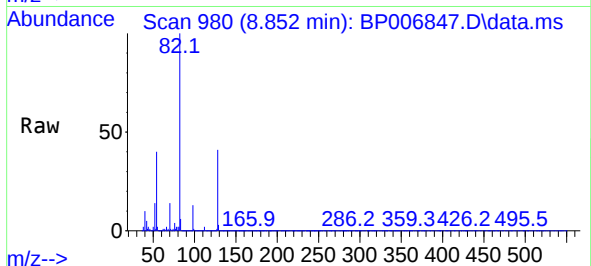




#23  
Nitrobenzene-d5  
Concen: 78.455 ng  
RT: 8.852 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

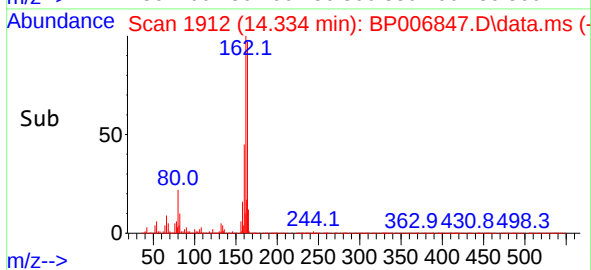
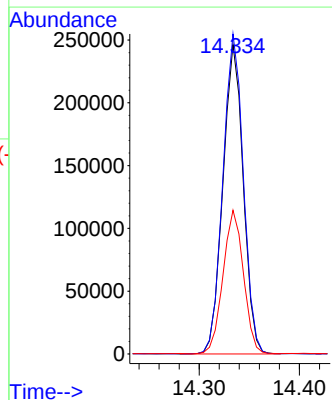
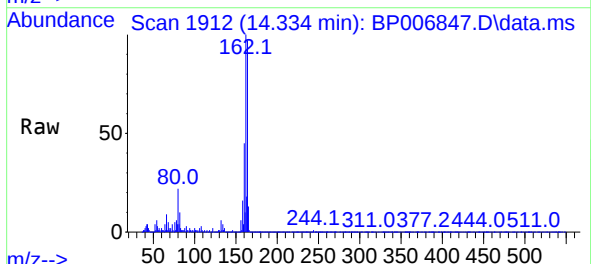
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

Tgt Ion: 82 Resp: 1023434  
Ion Ratio Lower Upper  
82 100  
128 41.4 35.7 53.5  
54 40.3 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.334 min Scan# 1912  
Delta R.T. -0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Tgt Ion: 164 Resp: 345907  
Ion Ratio Lower Upper  
164 100  
162 103.4 80.2 120.2  
160 46.4 34.5 51.7

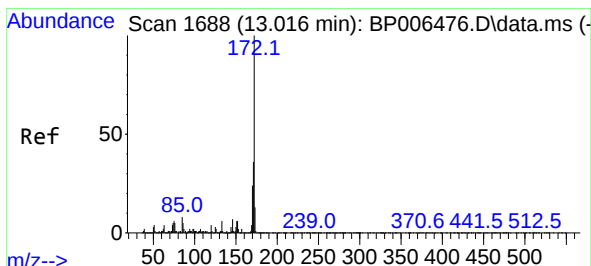
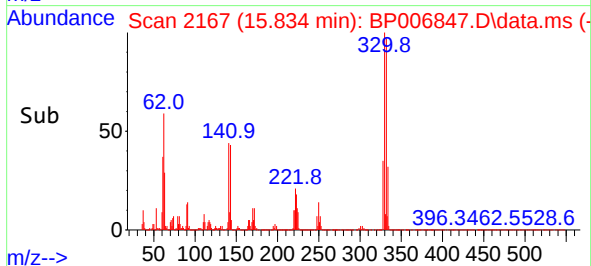
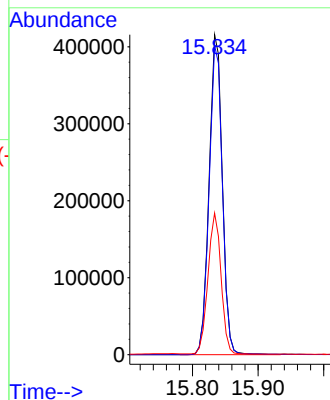
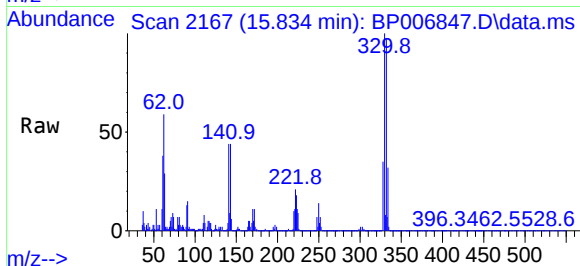




#42  
2,4,6-Tribromophenol  
Concen: 161.531 ng  
RT: 15.834 min Scan# 2167  
Delta R.T. -0.012 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

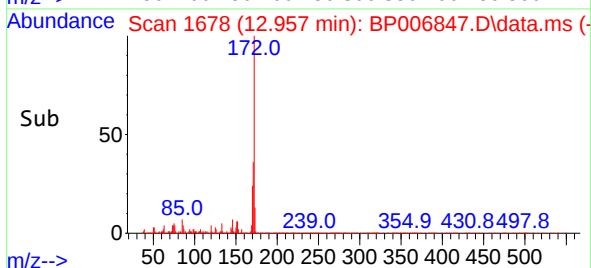
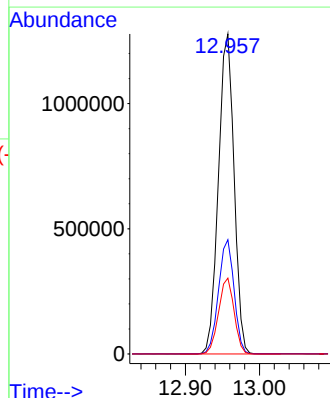
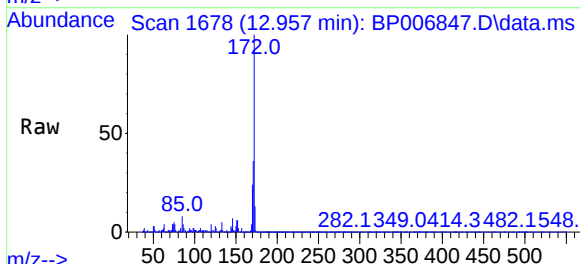
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

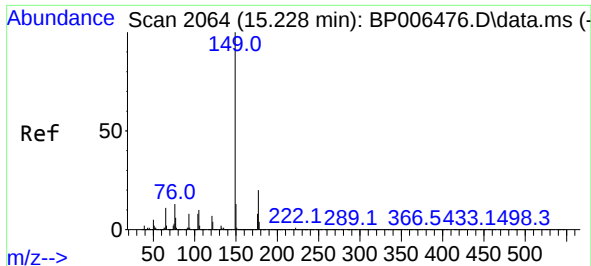
Tgt Ion:330 Resp: 583952  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.8 116.8  
141 43.9 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 80.980 ng  
RT: 12.957 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Tgt Ion:172 Resp: 1872263  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.9 41.9  
170 23.7 18.6 27.8

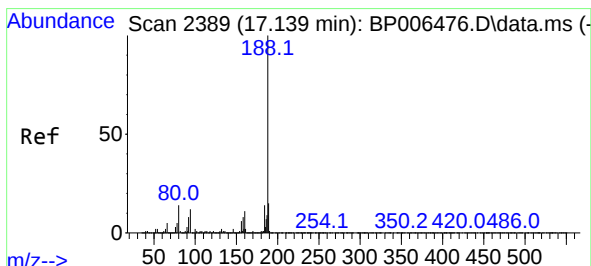
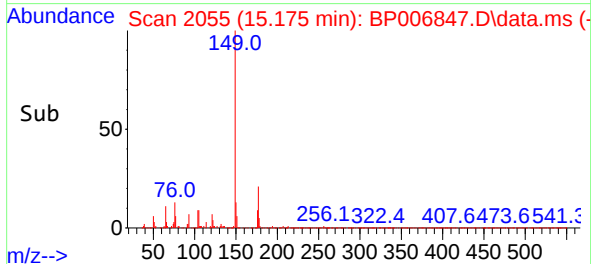
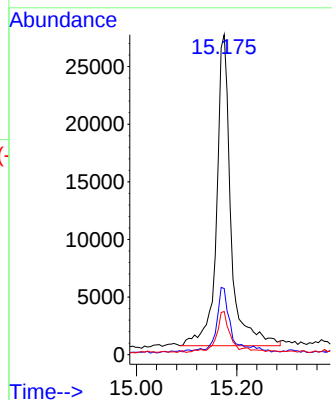
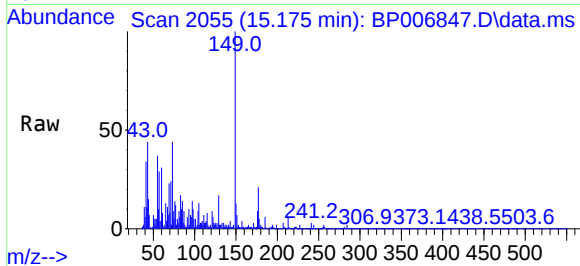




#60  
Diethylphthalate  
Concen: 2.022 ng  
RT: 15.175 min Scan# 2055  
Delta R.T. -0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

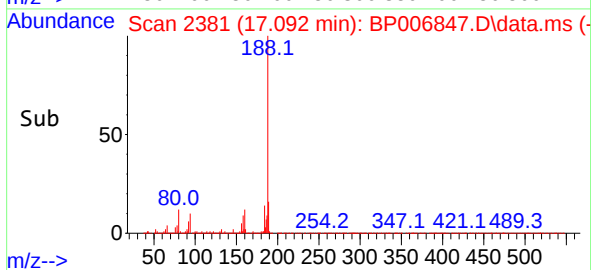
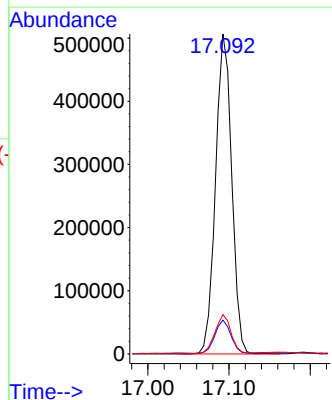
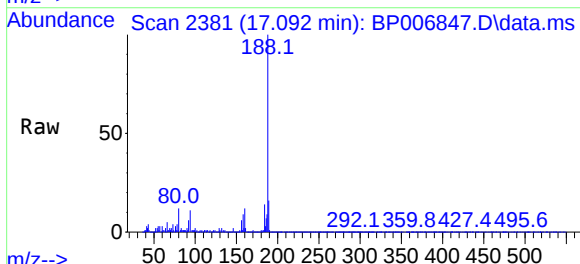
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

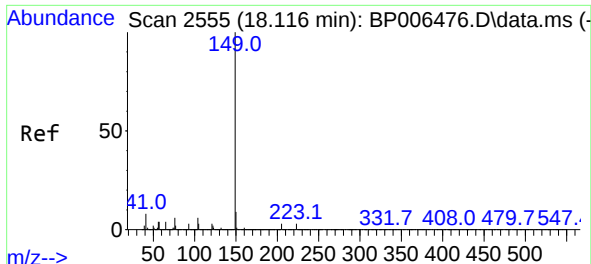
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 53484 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 20.7  | 17.5  | 26.3  |
| 150      | 13.5  | 9.9   | 14.9  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.092 min Scan# 2381  
Delta R.T. -0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 699330 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 10.6  | 5.6   | 8.4#   |
| 80       | 12.3  | 6.3   | 9.5#   |



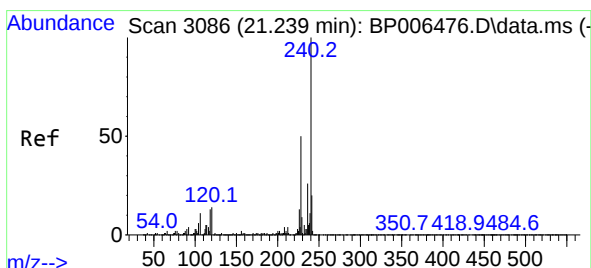
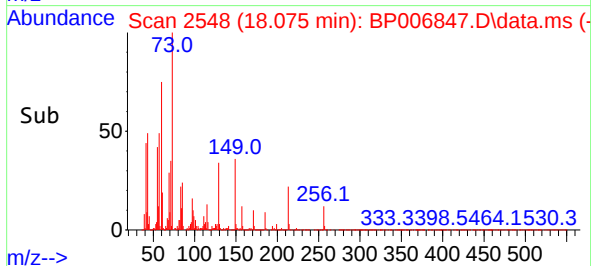
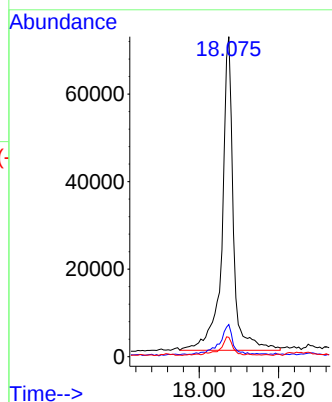
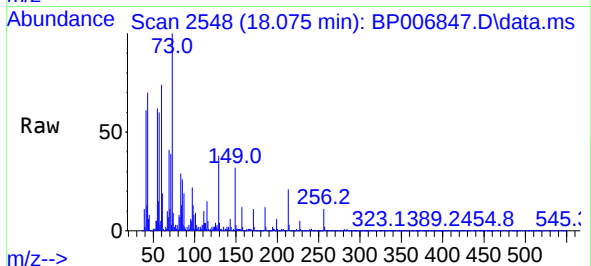


#74  
Di-n-butylphthalate  
Concen: 3.196 ng  
RT: 18.075 min Scan# 2548  
Delta R.T. -0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

Tgt Ion:149 Resp: 141553

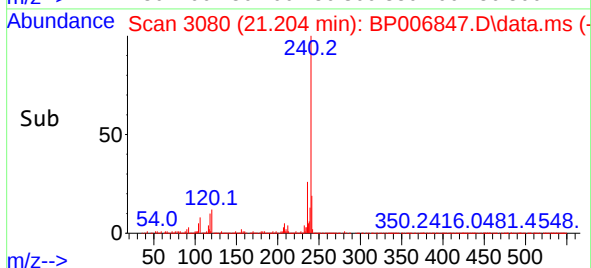
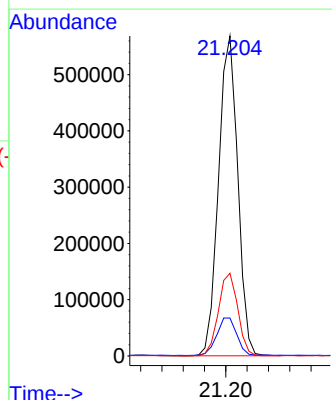
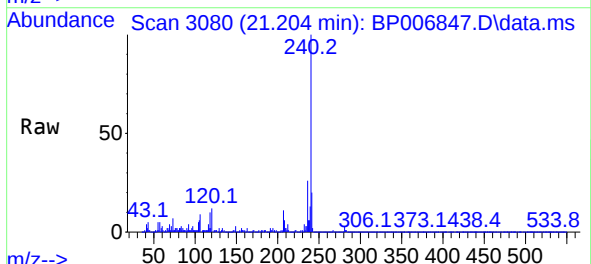
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.1  | 7.3   | 10.9  |
| 104 | 6.0   | 4.5   | 6.7   |

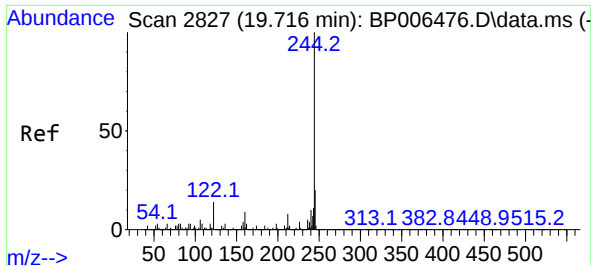


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.204 min Scan# 3080  
Delta R.T. -0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Tgt Ion:240 Resp: 710598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.9  | 6.5   | 9.7#  |
| 236 | 25.8  | 20.6  | 31.0  |

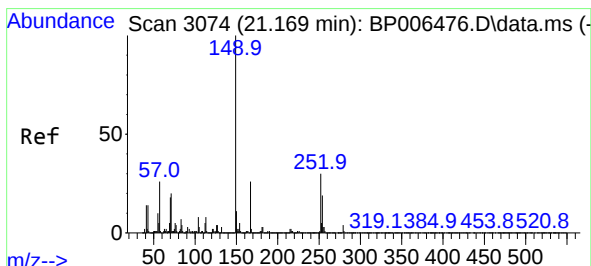
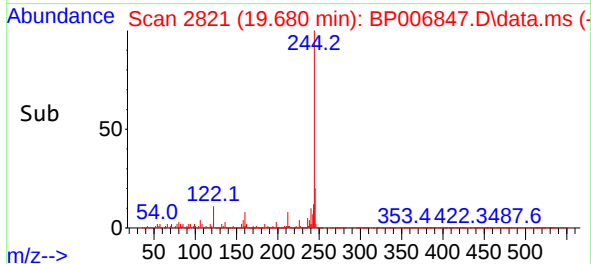
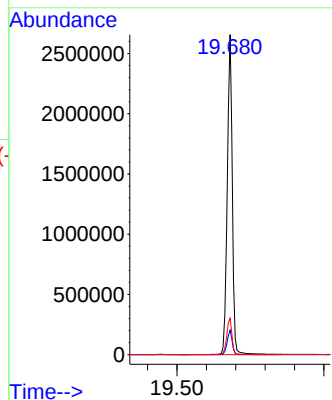
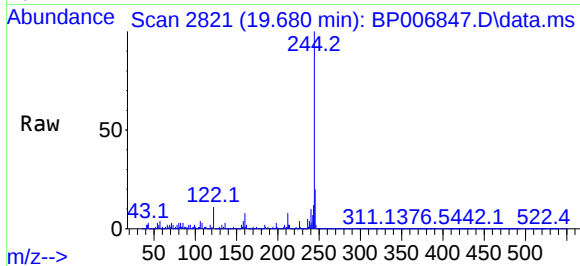




#79  
Terphenyl-d14  
Concen: 89.345 ng  
RT: 19.680 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

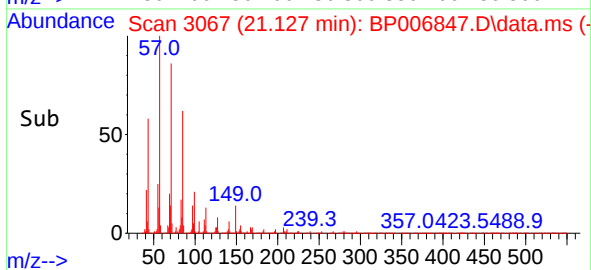
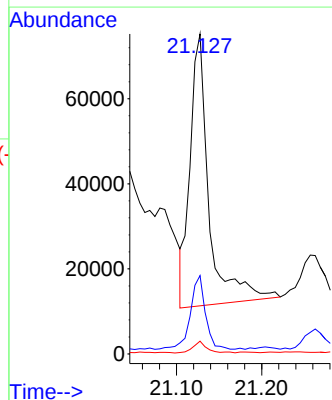
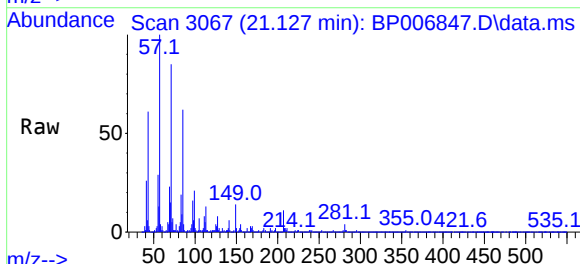
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTING

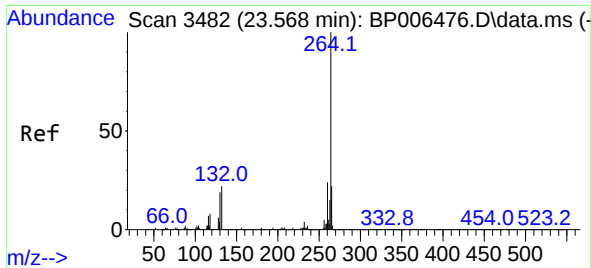
Tgt Ion:244 Resp: 3168416  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.0 9.0  
122 11.4 7.1 10.7#



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.140 ng  
RT: 21.127 min Scan# 3067  
Delta R.T. -0.006 min  
Lab File: BP006847.D  
Acq: 24 Aug 2021 14:41

Tgt Ion:149 Resp: 98490  
Ion Ratio Lower Upper  
149 100  
167 24.5 21.9 32.9  
279 4.0 4.3 6.5#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.510 min Scan# 3472  
 Delta R.T. -0.018 min  
 Lab File: BP006847.D  
 Acq: 24 Aug 2021 14:41

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL-CUTTING

Tgt Ion:264 Resp: 782555  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 18.6 28.0  
 265 22.6 17.6 26.4

