

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091620\  
 Data File : BP003301.D  
 Acq On : 16 Sep 2020 14:45  
 Operator : CG/JU  
 Sample : L4021-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B15A-5-7

Quant Time: Sep 16 15:44:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 16 13:18:39 2020  
 Response via : Initial Calibration

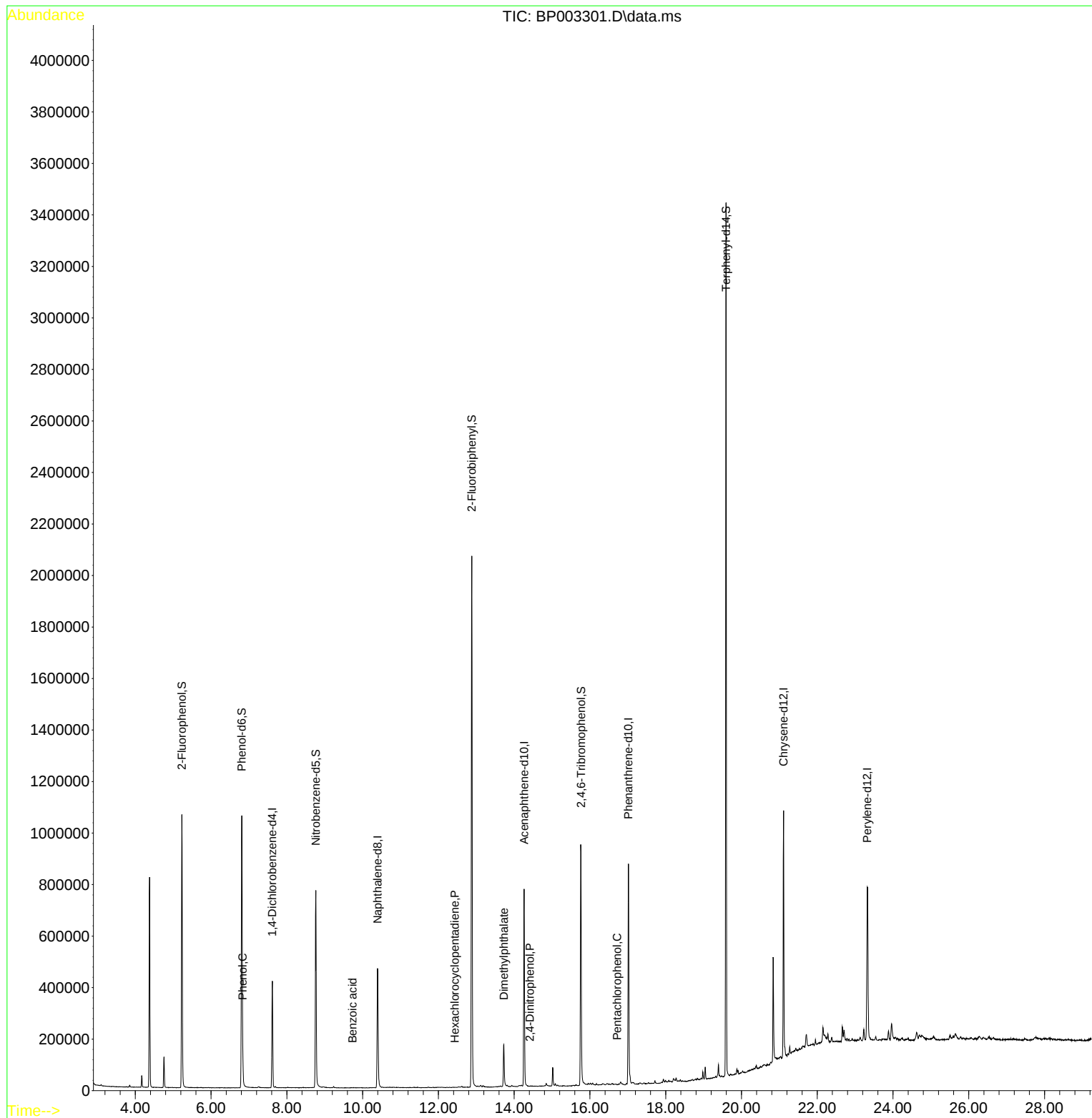
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.616  | 152  | 118760   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.393 | 136  | 444084   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.263 | 164  | 270459   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.016 | 188  | 544763   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.110 | 240  | 476424   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 23.322 | 264  | 480588   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.228  | 112  | 512015   | 75.28 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.811  | 99   | 711669   | 78.50 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.763  | 82   | 493977   | 65.35 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.763 | 330  | 216205   | 52.41 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.881 | 172  | 1147385  | 62.05 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.592 | 244  | 1435956  | 62.80 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 10) Phenol                    | 6.834  | 94   | 38875    | 4.49  | ng    | 84       |
| 32) Benzoic acid              | 9.734  | 122  | 35       | 9.16  | ng    | # 76     |
| 41) Hexachlorocyclopentadiene | 12.434 | 237  | 18       | 6.85  | ng    | 85       |
| 50) Dimethylphthalate         | 13.728 | 163  | 133092   | 6.16  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.416 | 184  | 55       | 7.27  | ng    | # 1      |
| 70) Pentachlorophenol         | 16.716 | 266  | 61       | 6.79  | ng    | # 83     |
| -----                         |        |      |          |       |       |          |

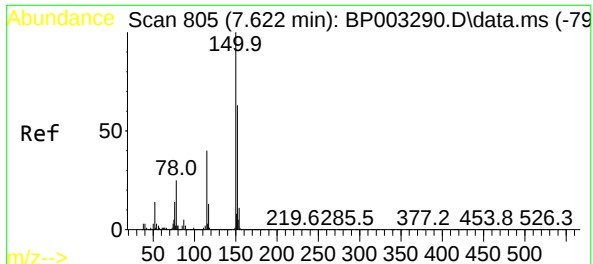
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091620\  
Data File : BP003301.D  
Acq On : 16 Sep 2020 14:45  
Operator : CG/JU  
Sample : L4021-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

Quant Time: Sep 16 15:44:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 16 13:18:39 2020  
Response via : Initial Calibration

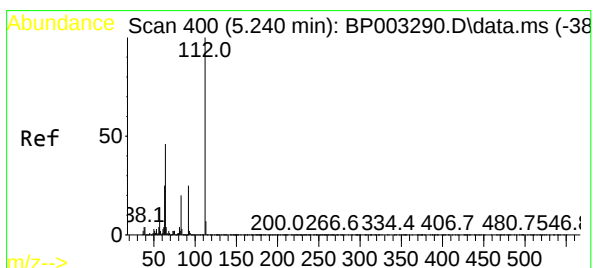
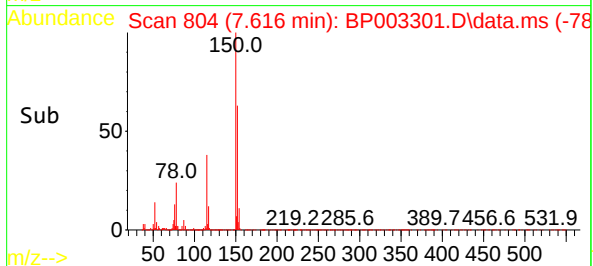
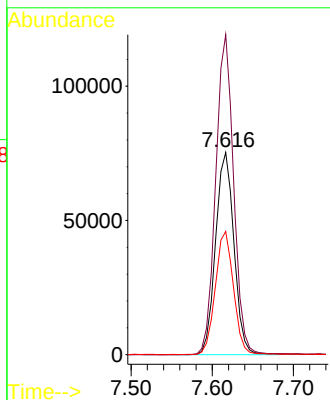
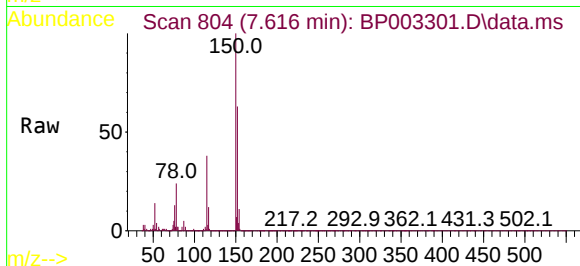




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.616 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

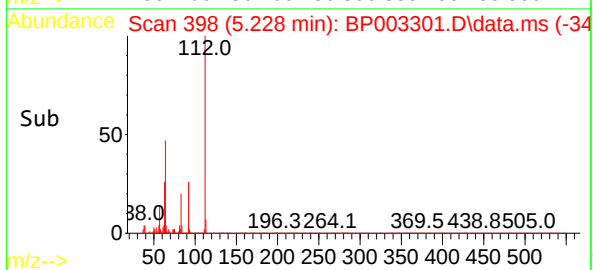
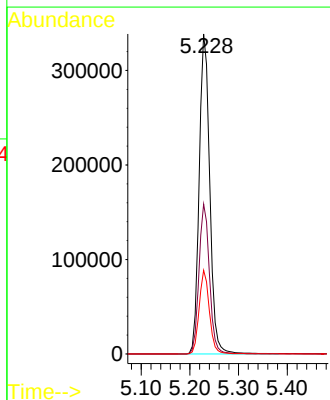
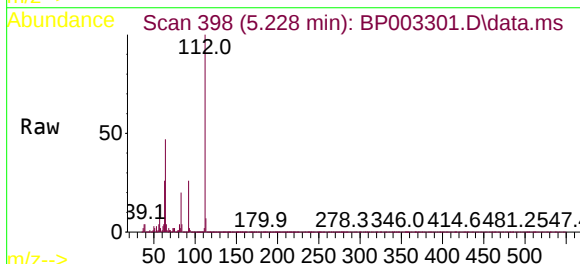
Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

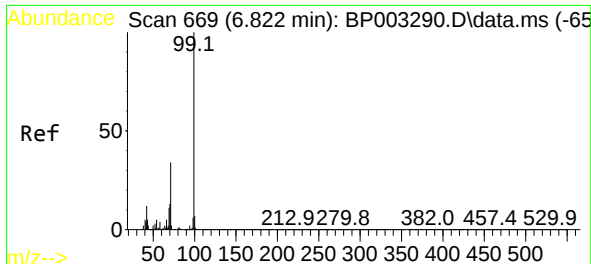
Tgt Ion:152 Resp: 118760  
Ion Ratio Lower Upper  
152 100  
150 158.2 123.8 185.6  
115 60.9 43.8 65.6



#5  
2-Fluorophenol  
Concen: 75.28 ng  
RT: 5.228 min Scan# 398  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion:112 Resp: 512015  
Ion Ratio Lower Upper  
112 100  
64 46.9 32.8 49.2  
63 26.2 17.0 25.4#

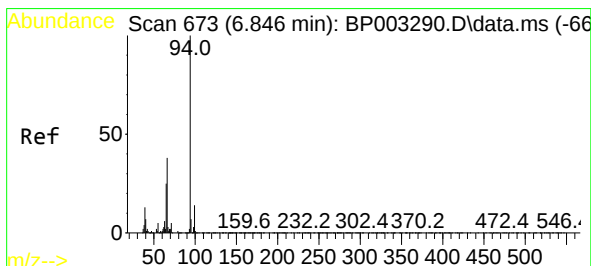
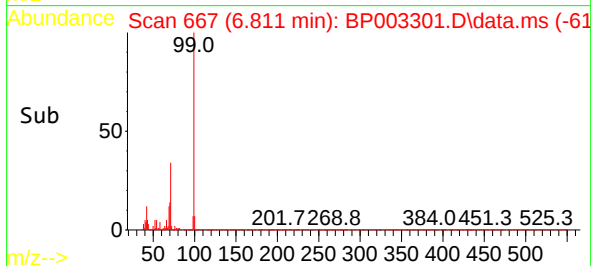
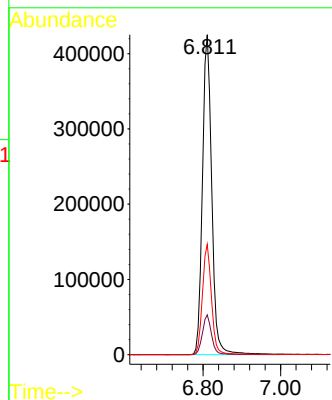
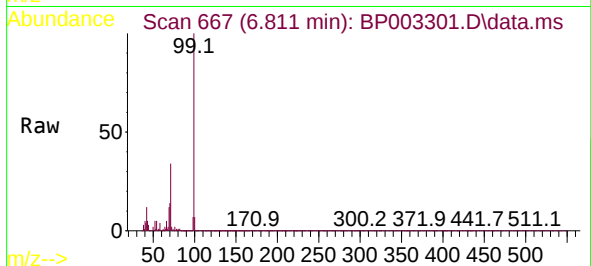




#7  
Phenol-d6  
Concen: 78.50 ng  
RT: 6.811 min Scan# 667  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

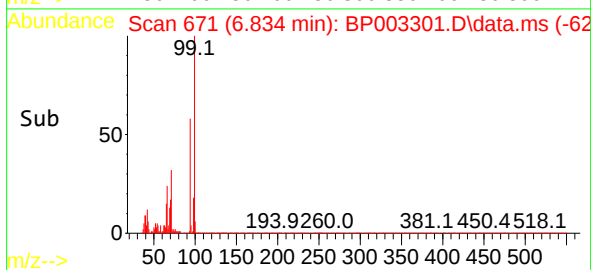
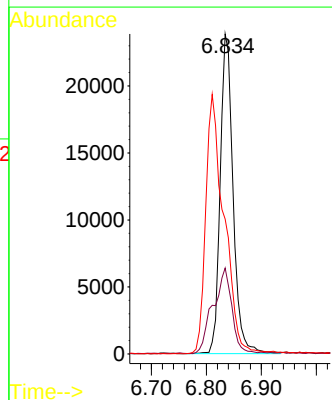
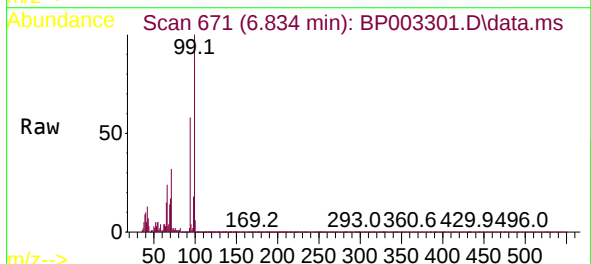
Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

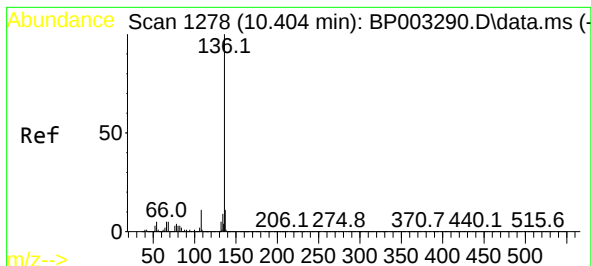
Tgt Ion: 99 Resp: 711669  
Ion Ratio Lower Upper  
99 100  
42 12.4 8.6 13.0  
71 34.5 23.4 35.2



#10  
Phenol  
Concen: 4.49 ng  
RT: 6.834 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion: 94 Resp: 38875  
Ion Ratio Lower Upper  
94 100  
65 26.9 2.3 42.3  
66 42.1 10.9 50.9

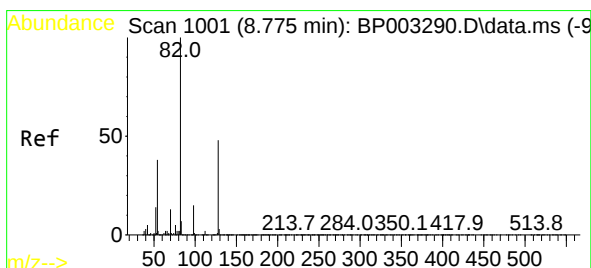
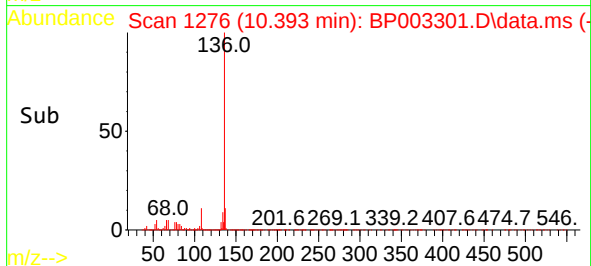
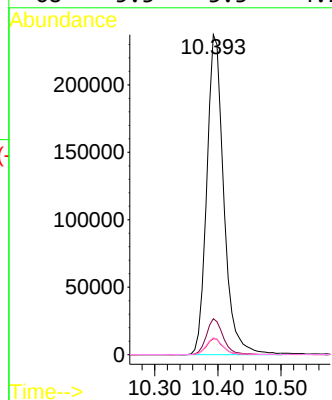
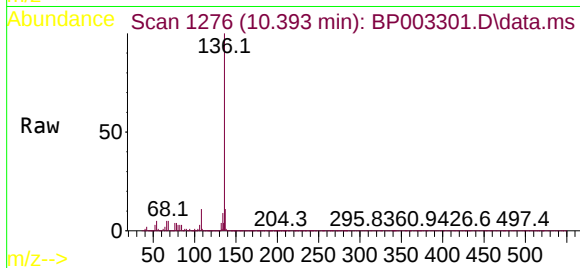




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.393 min Scan# 1276  
Delta R.T. -0.006 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

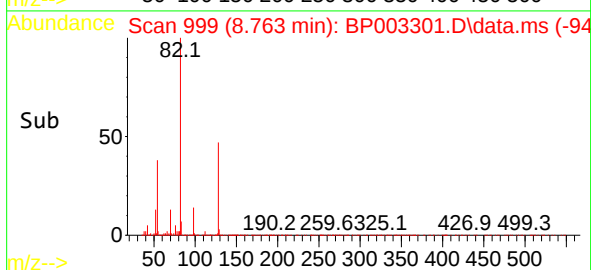
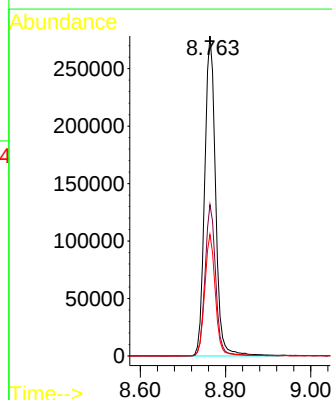
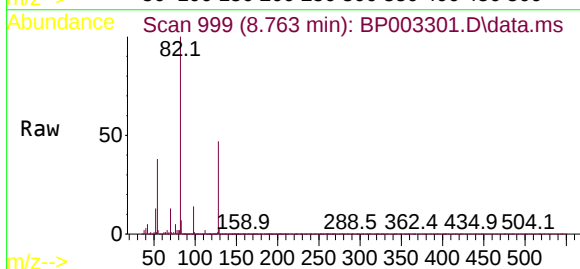
Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

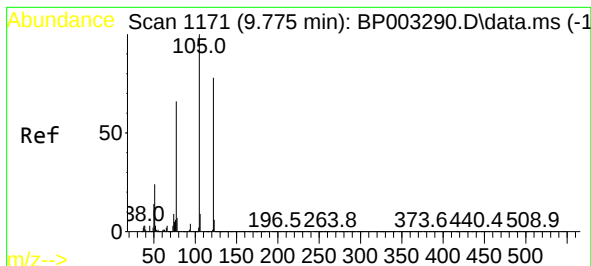
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 444084 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.3  | 8.6   | 13.0   |
| 54        | 5.0   | 3.6   | 5.4    |
| 68        | 5.3   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 65.35 ng  
RT: 8.763 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 493977 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.3  | 45.6  | 68.4   |
| 54        | 38.0  | 30.1  | 45.1   |

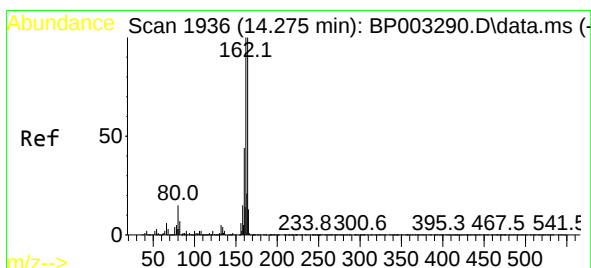
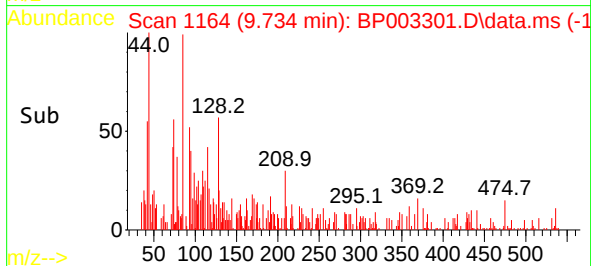
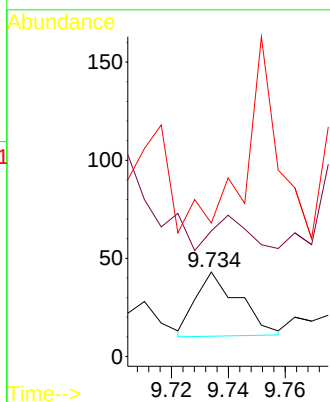
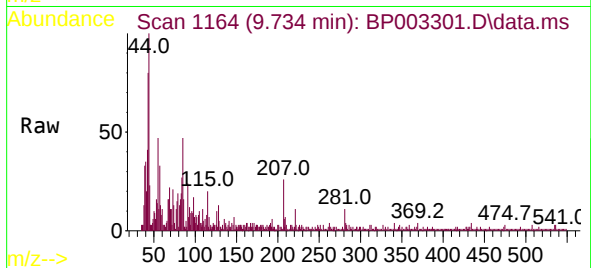




#32  
Benzoic acid  
Concen: 9.16 ng  
RT: 9.734 min Scan# 1164  
Delta R.T. -0.023 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

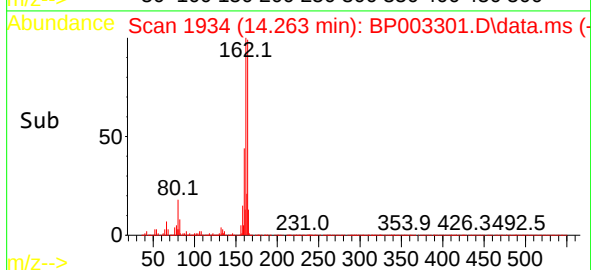
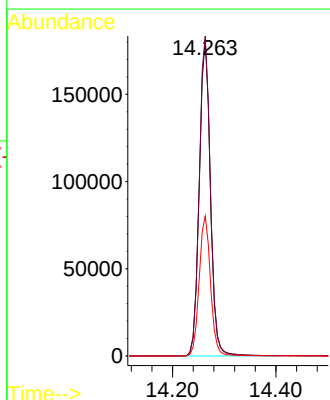
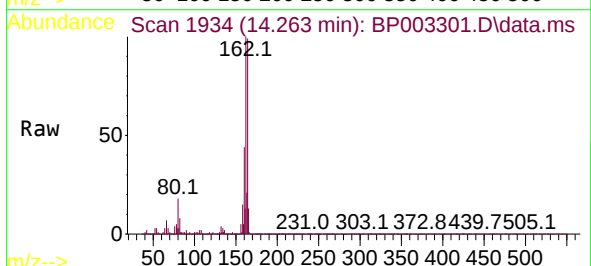
Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

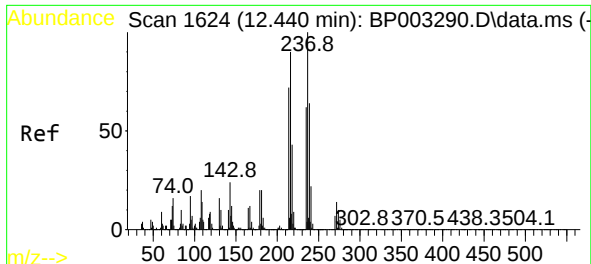
Tgt Ion:122 Resp: 35  
Ion Ratio Lower Upper  
122 100  
105 106.7 94.1 134.1  
77 113.3 50.1 90.1#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.263 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion:164 Resp: 270459  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.4 119.2  
160 44.2 36.1 54.1



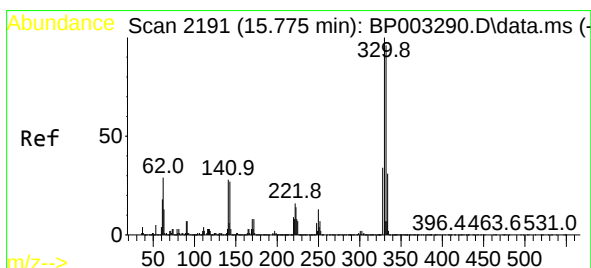
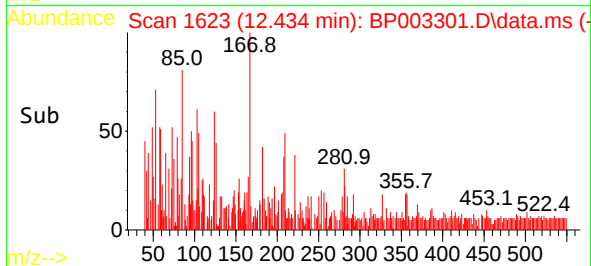
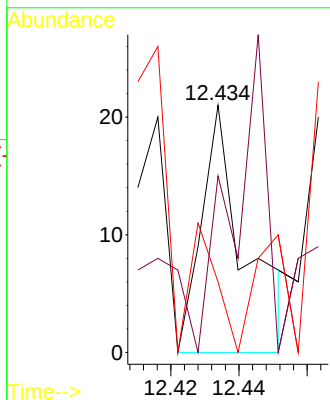
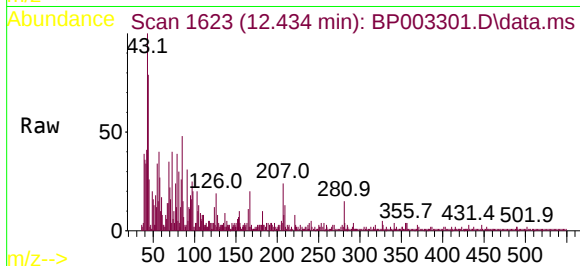


#41  
Hexachlorocyclopentadiene  
Concen: 6.85 ng  
RT: 12.434 min Scan# 1623  
Delta R.T. 0.006 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

Tgt Ion: 237 Resp: 18

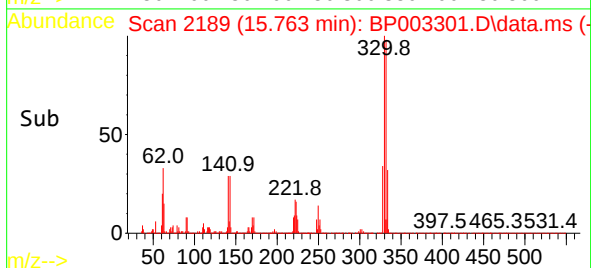
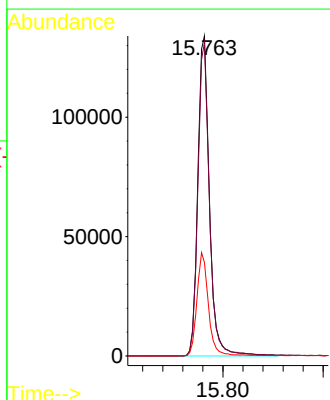
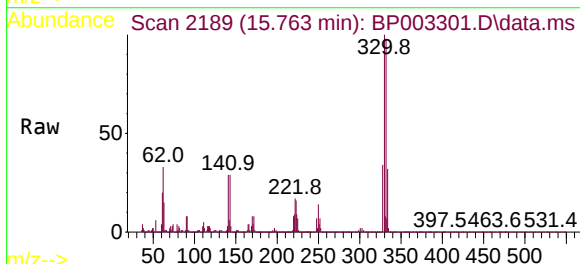
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 71.4  | 43.2  | 83.2  |
| 272 | 28.6  | 0.0   | 33.3  |

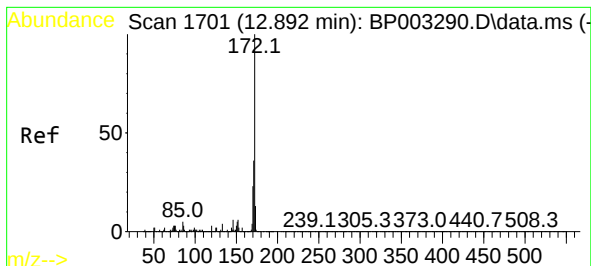


#42  
2,4,6-Tribromophenol  
Concen: 52.41 ng  
RT: 15.763 min Scan# 2189  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion: 330 Resp: 216205

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.1  | 77.1  | 115.7 |
| 141 | 31.8  | 23.4  | 35.2  |

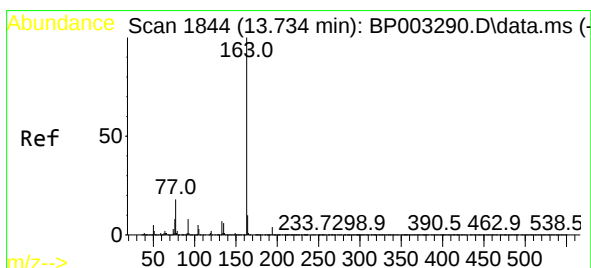
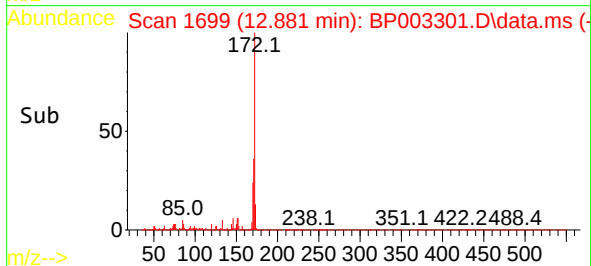
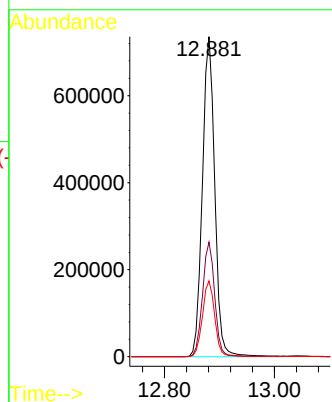
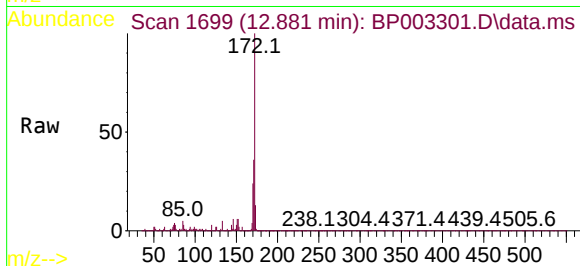




#45  
2-Fluorobiphenyl  
Concen: 62.05 ng  
RT: 12.881 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

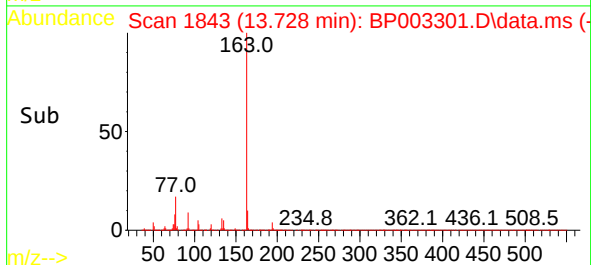
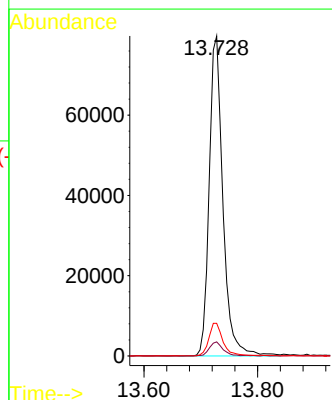
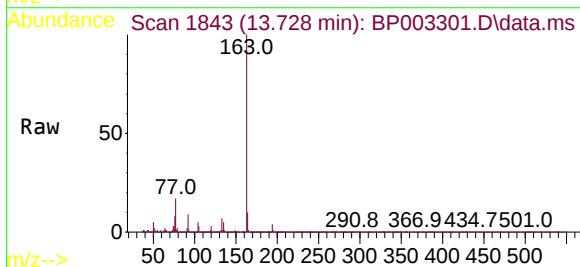
Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

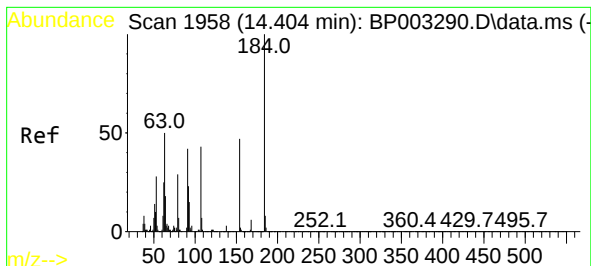
Tgt Ion:172 Resp: 1147385  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.7 19.2 28.8



#50  
Dimethylphthalate  
Concen: 6.16 ng  
RT: 13.728 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion:163 Resp: 133092  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.3 4.9  
164 10.2 8.2 12.2

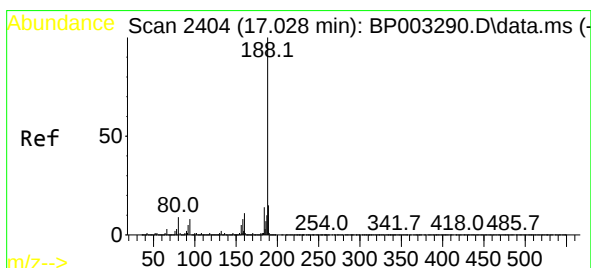
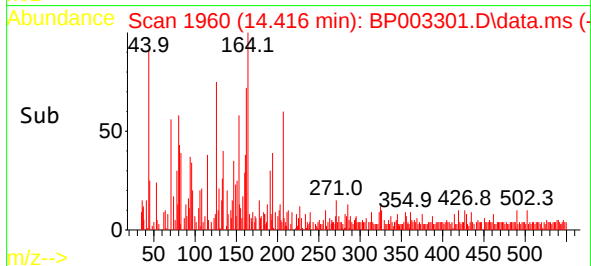
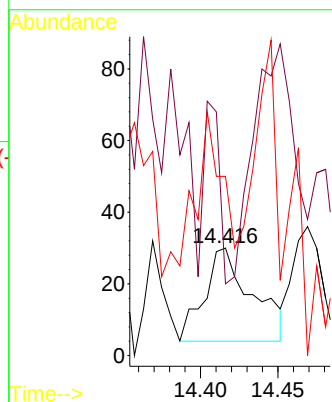
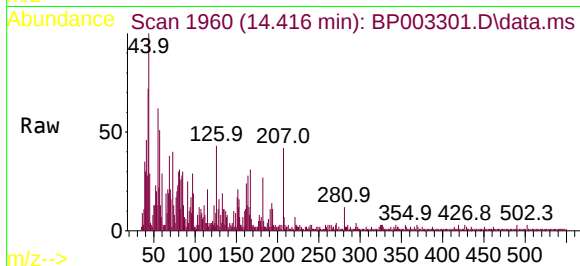




#54  
2,4-Dinitrophenol  
Concen: 7.27 ng  
RT: 14.416 min Scan# 1960  
Delta R.T. 0.018 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

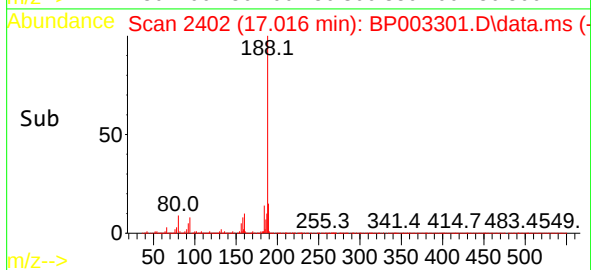
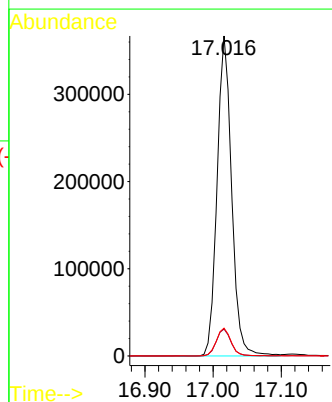
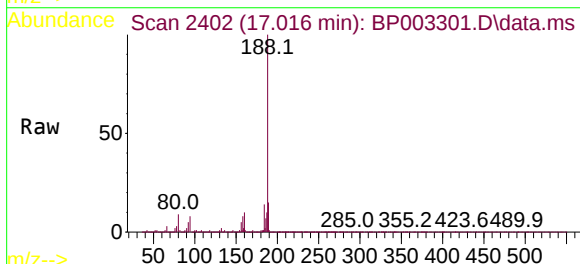
Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

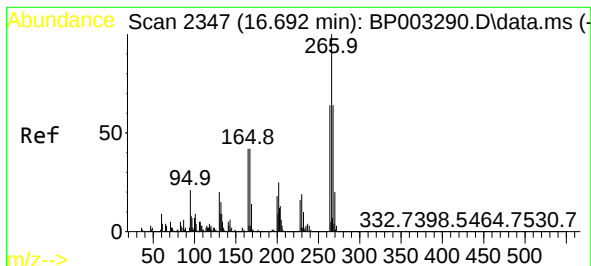
Tgt Ion:184 Resp: 55  
Ion Ratio Lower Upper  
184 100  
63 66.7 32.3 48.5#  
154 166.7 49.1 73.7#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.016 min Scan# 2402  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion:188 Resp: 544763  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.2 9.2  
80 8.7 6.2 9.2

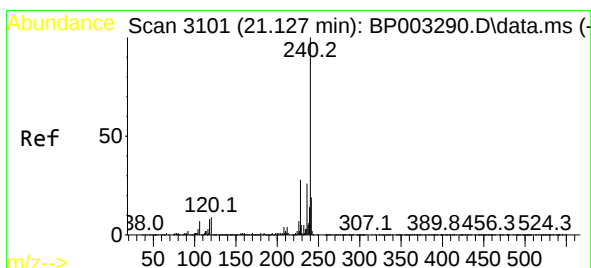
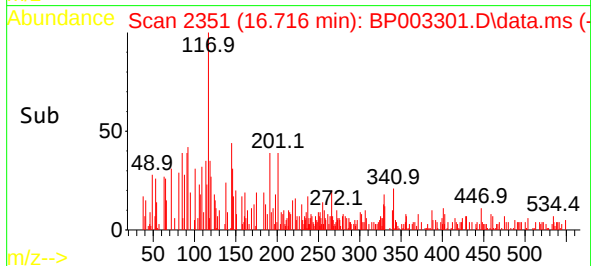
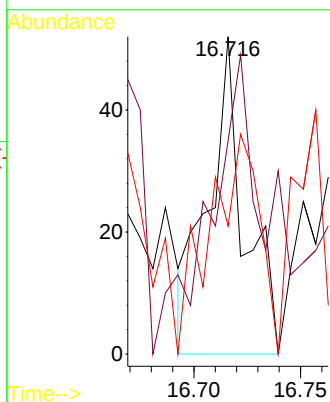
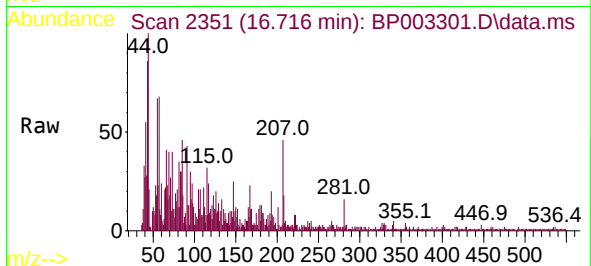




#70  
Pentachlorophenol  
Concen: 6.79 ng  
RT: 16.716 min Scan# 2351  
Delta R.T. 0.030 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

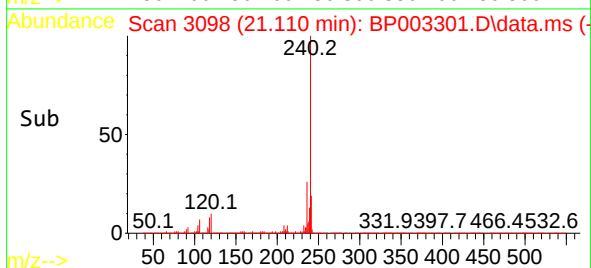
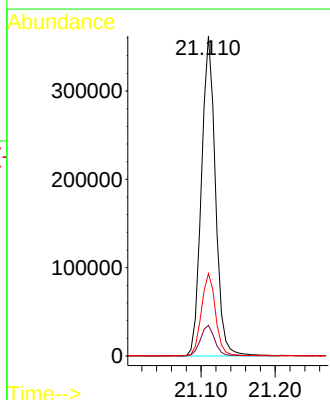
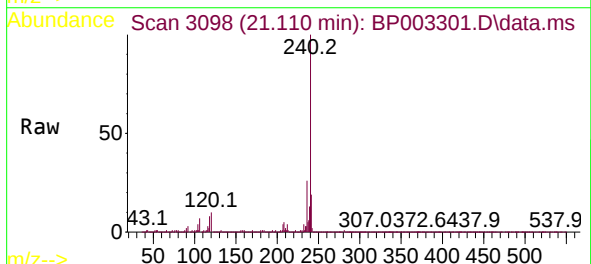
Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

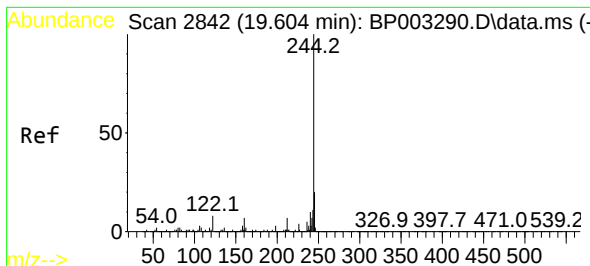
Tgt Ion:266 Resp: 61  
Ion Ratio Lower Upper  
266 100  
268 67.3 51.1 76.7  
264 40.4 50.6 76.0#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.110 min Scan# 3098  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion:240 Resp: 476424  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.8 11.6  
236 25.8 20.8 31.2

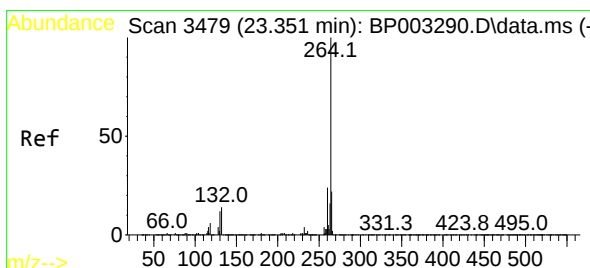
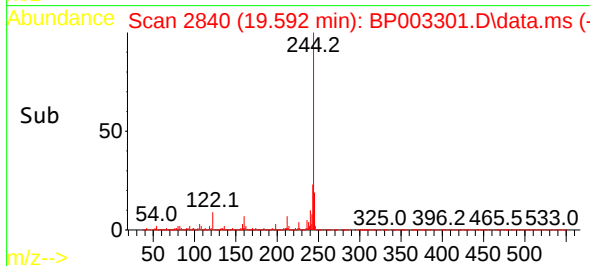
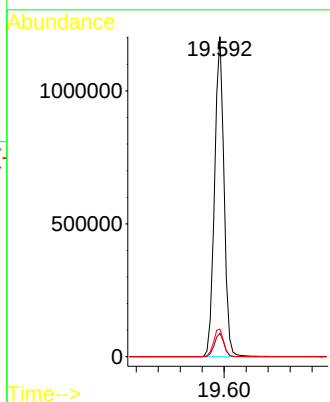
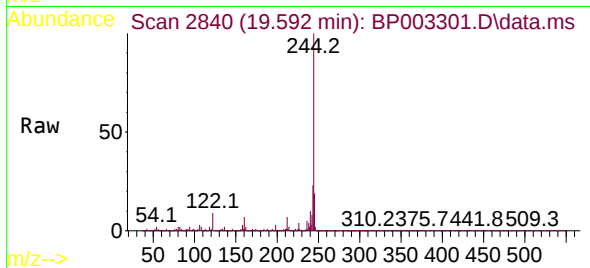




#79  
Terphenyl-d14  
Concen: 62.80 ng  
RT: 19.592 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Instrument :  
BNA\_P  
ClientSampleId :  
B15A-5-7

Tgt Ion:244 Resp: 1435956  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.6  
122 8.6 7.8 11.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.322 min Scan# 3474  
Delta R.T. -0.006 min  
Lab File: BP003301.D  
Acq: 16 Sep 2020 14:45

Tgt Ion:264 Resp: 480588  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.8 28.2  
265 22.2 17.4 26.2

