

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112120\  
 Data File : BP004040.D  
 Acq On : 21 Nov 2020 16:23  
 Operator : CG/JU  
 Sample : L4845-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PH-CON-A

Quant Time: Nov 23 04:59:34 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 03:48:44 2020  
 Response via : Initial Calibration

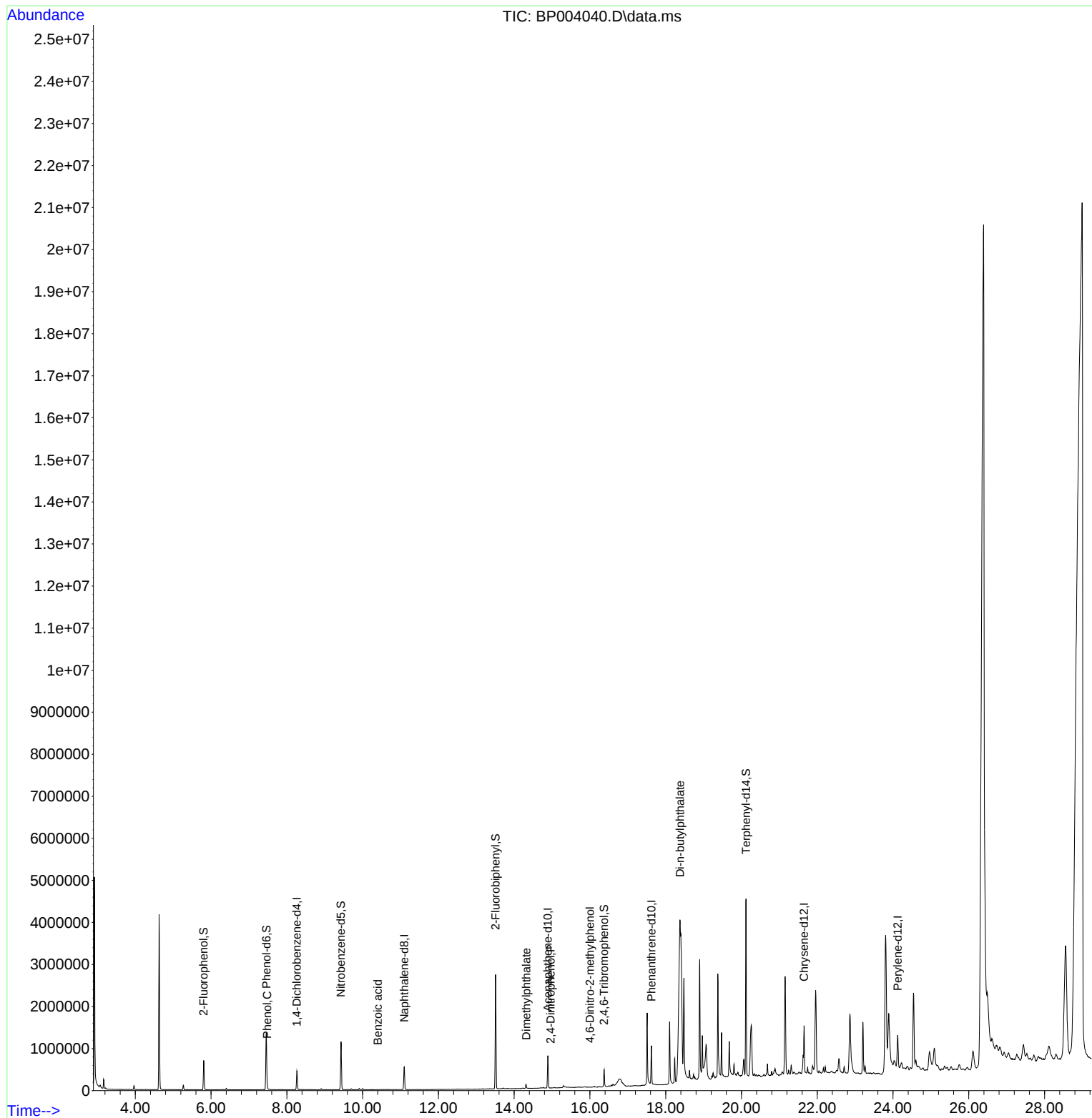
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.264  | 152  | 114845   | 20.00     | ng    | -0.03    |
| 21) Naphthalene-d8            | 11.099 | 136  | 438908   | 20.00     | ng    | #-0.03   |
| 39) Acenaphthene-d10          | 14.887 | 164  | 262152   | 20.00     | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.622 | 188  | 529048   | 20.00     | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.651 | 240  | 536353   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.122 | 264  | 580473   | 20.00     | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.805  | 112  | 283978   | 41.27     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.458  | 99   | 753702   | 76.30     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.428  | 82   | 641109   | 71.54     | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 16.375 | 330  | 77729    | 23.71     | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.510 | 172  | 1371064  | 73.12     | ng    | -0.02    |
| 79) Terphenyl-d14             | 20.122 | 244  | 1795519  | 64.68     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.375  | 77   | 201      | Below Cal | #     | 27       |
| 10) Phenol                    | 7.481  | 94   | 37885    | 3.97      | ng    | 74       |
| 32) Benzoic acid              | 10.399 | 122  | 18       | 8.31      | ng    | # 1      |
| 50) Dimethylphthalate         | 14.316 | 163  | 65174    | 3.18      | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.963 | 184  | 3        | 2.73      | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 16.004 | 198  | 88       | 6.37      | ng    | # 1      |
| 74) Di-n-butylphthalate       | 18.381 | 149  | 1967152  | 63.87     | ng    | # 63     |
| -----                         |        |      |          |           |       |          |

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

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Quant Time: Nov 23 04:59:34 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 03:48:44 2020  
Response via : Initial Calibration

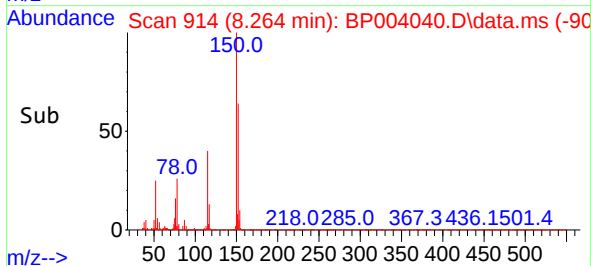
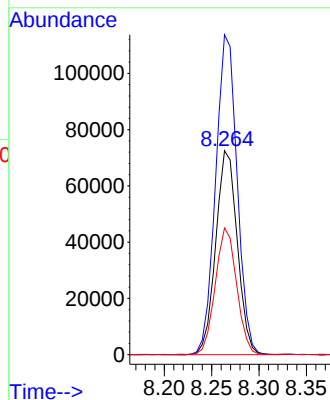
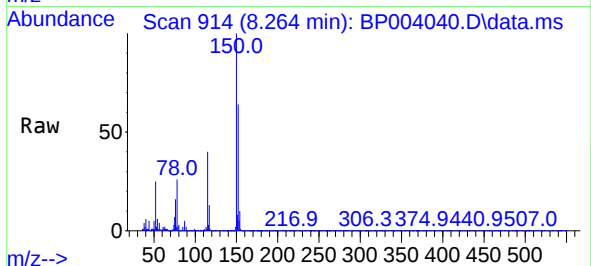




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.264 min Scan# 914  
Delta R.T. -0.029 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

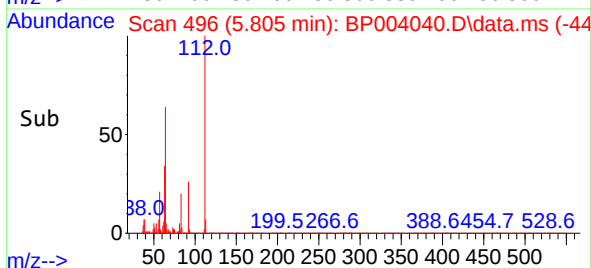
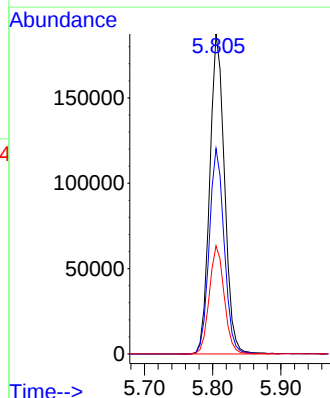
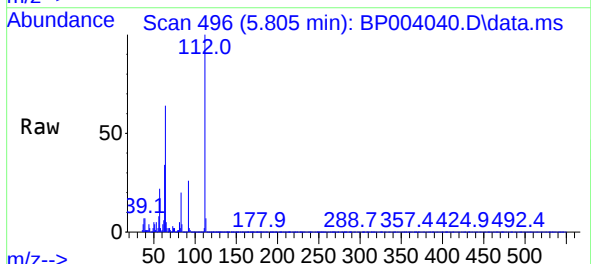
Instrument :  
BNA\_P  
ClientSampleId :  
PH-CON-A

Tgt Ion:152 Resp: 114845  
Ion Ratio Lower Upper  
152 100  
150 156.8 123.8 185.6  
115 62.1 43.8 65.6



#5  
2-Fluorophenol  
Concen: 41.27 ng  
RT: 5.805 min Scan# 496  
Delta R.T. -0.006 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Tgt Ion:112 Resp: 283978  
Ion Ratio Lower Upper  
112 100  
64 64.2 32.8 49.2#  
63 33.8 17.0 25.4#

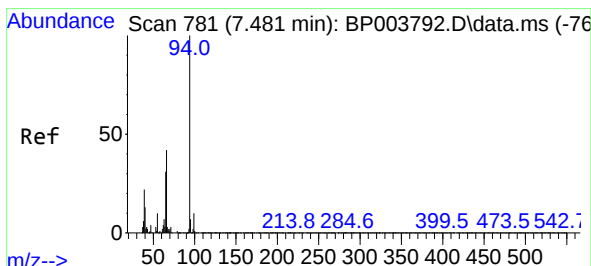
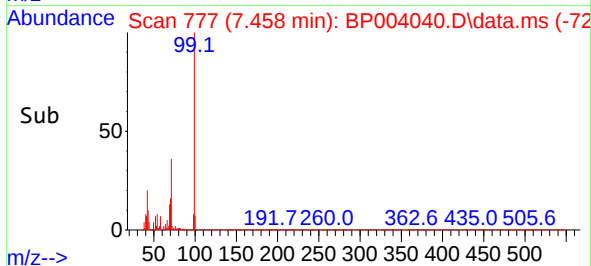
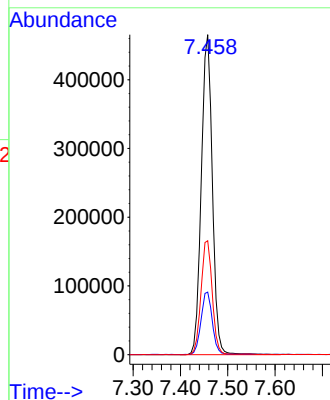
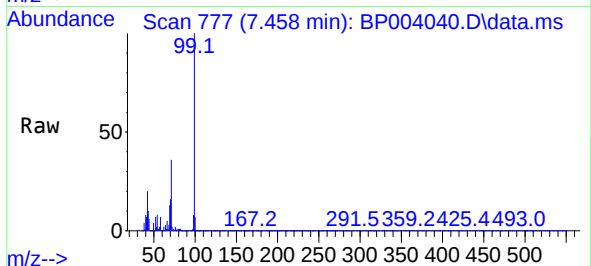




#7  
Phenol-d6  
Concen: 76.30 ng  
RT: 7.458 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

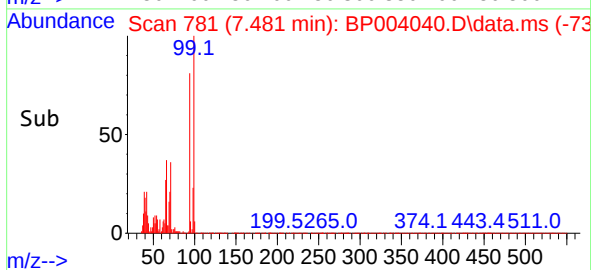
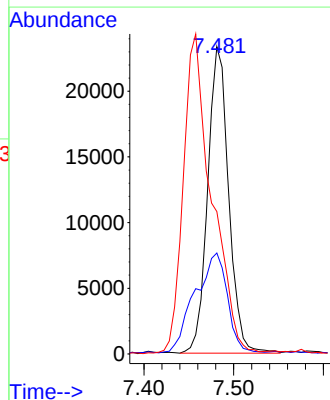
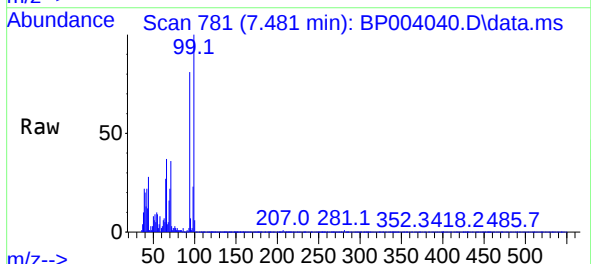
Instrument :  
BNA\_P  
ClientSampleId :  
PH-CON-A

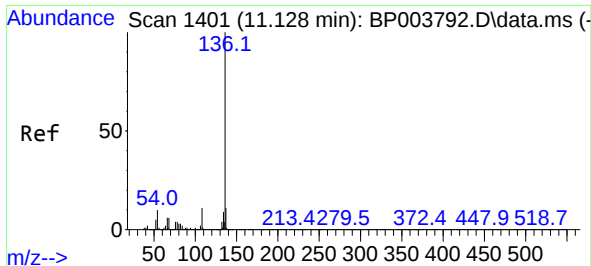
Tgt Ion: 99 Resp: 753702  
Ion Ratio Lower Upper  
99 100  
42 19.6 8.6 13.0#  
71 35.6 23.4 35.2#



#10  
Phenol  
Concen: 3.97 ng  
RT: 7.481 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Tgt Ion: 94 Resp: 37885  
Ion Ratio Lower Upper  
94 100  
65 32.9 2.3 42.3  
66 46.3 10.9 50.9

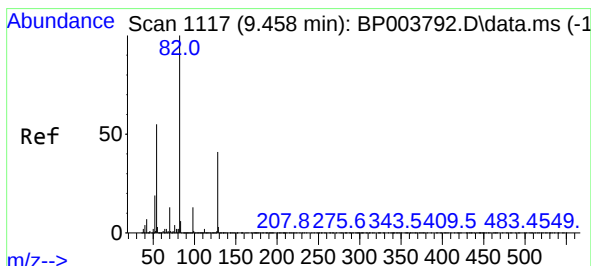
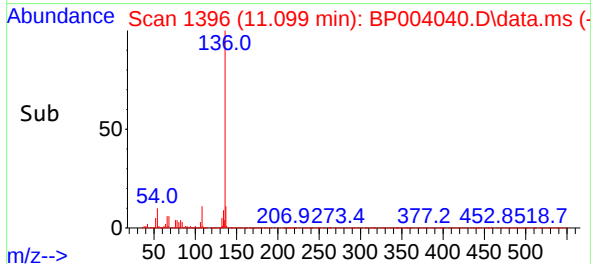
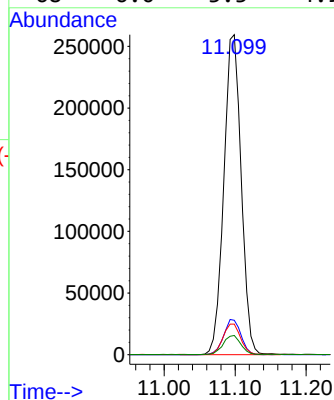
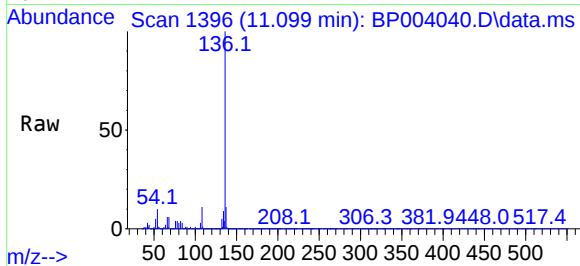




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.099 min Scan# 1396  
Delta R.T. -0.029 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

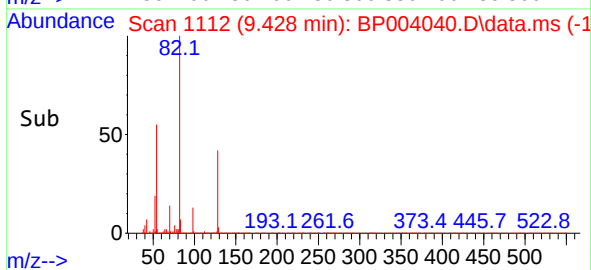
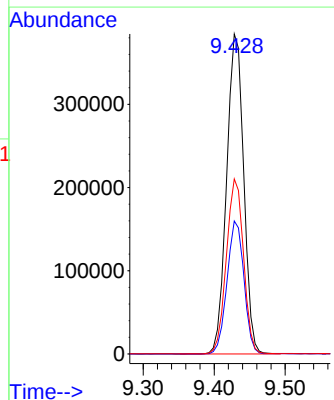
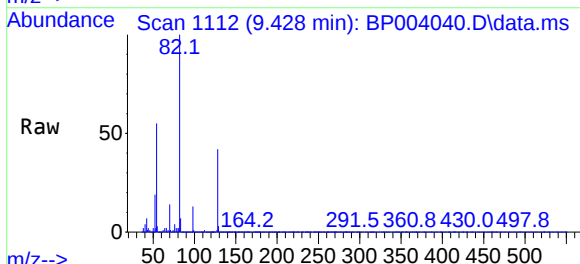
Instrument :  
BNA\_P  
ClientSampleId :  
PH-CON-A

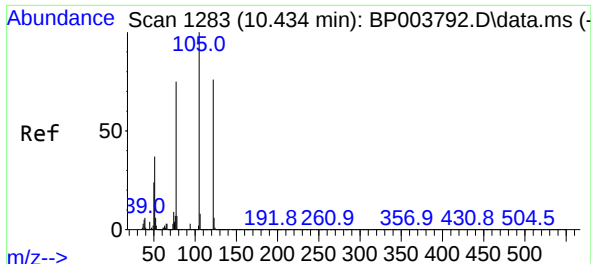
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 438908 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 9.6   | 3.6   | 5.4#   |
| 68       | 6.0   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 71.54 ng  
RT: 9.428 min Scan# 1112  
Delta R.T. -0.029 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 641109 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 41.6  | 45.6  | 68.4#  |
| 54       | 54.7  | 30.1  | 45.1#  |



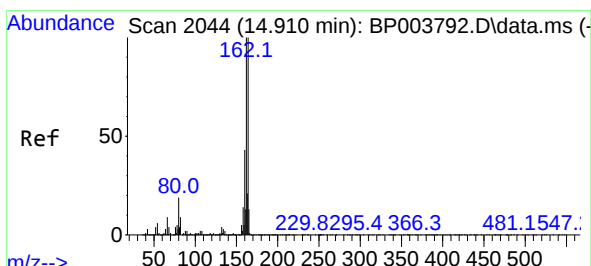
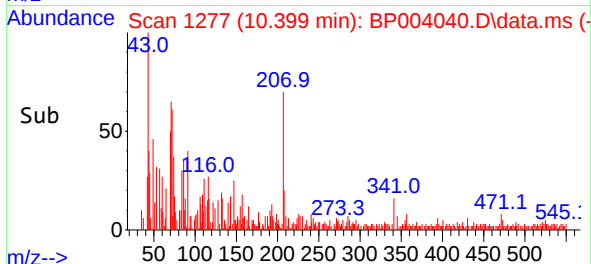
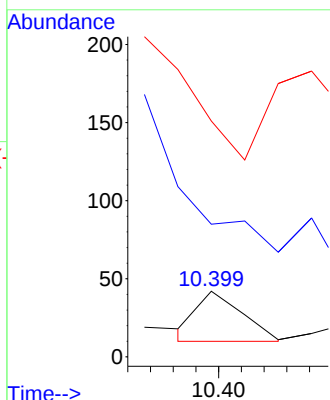
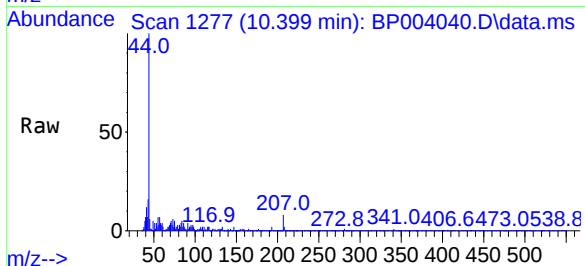


#32  
Benzoic acid  
Concen: 8.31 ng  
RT: 10.399 min Scan# 1277  
Delta R.T. -0.035 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Instrument :  
BNA\_P  
ClientSampled :  
PH-CON-A

Tgt Ion:122 Resp: 18

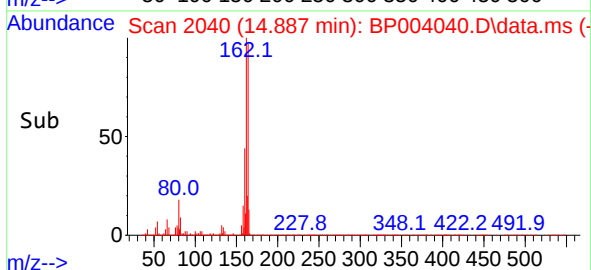
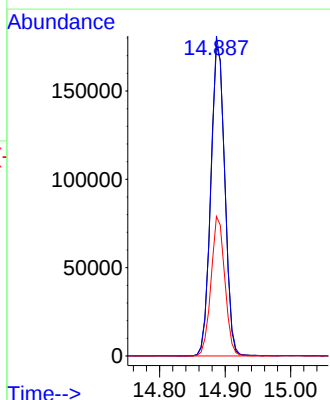
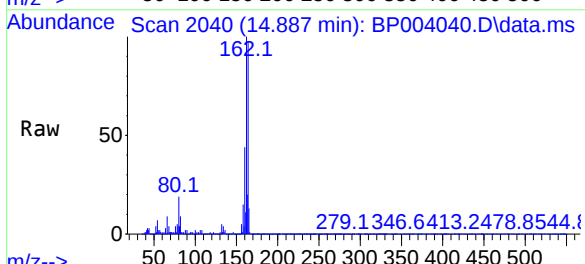
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 122 | 100   |       |        |
| 105 | 202.4 | 94.1  | 134.1# |
| 77  | 359.5 | 50.1  | 90.1#  |

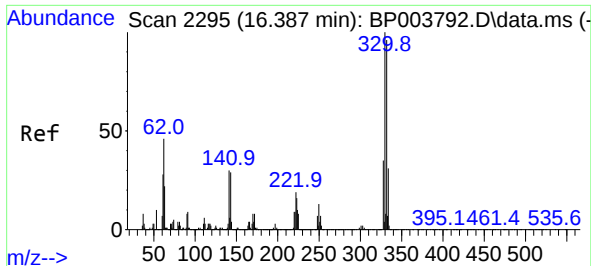


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.887 min Scan# 2040  
Delta R.T. -0.024 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Tgt Ion:164 Resp: 262152

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.1 | 79.4  | 119.2 |
| 160 | 44.9  | 36.1  | 54.1  |

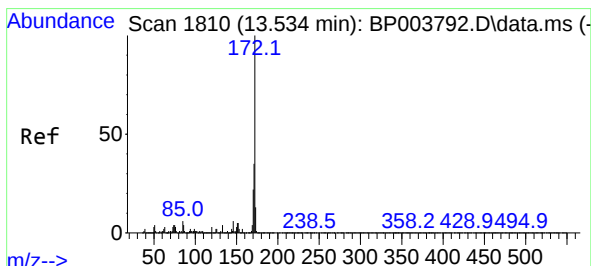
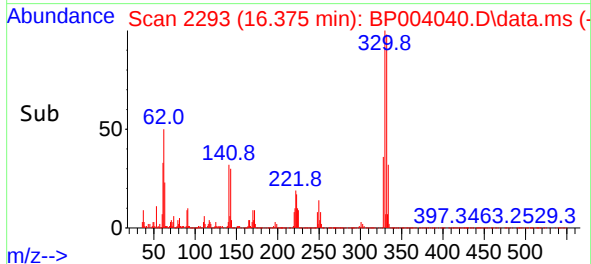
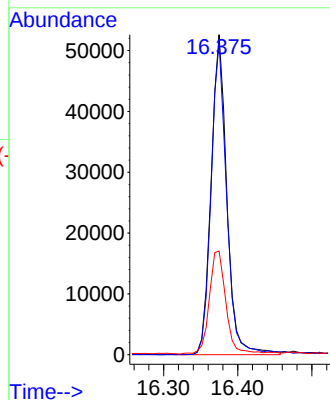
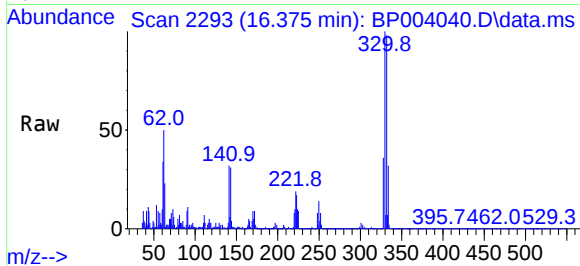




#42  
2,4,6-Tribromophenol  
Concen: 23.71 ng  
RT: 16.375 min Scan# 2293  
Delta R.T. -0.012 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

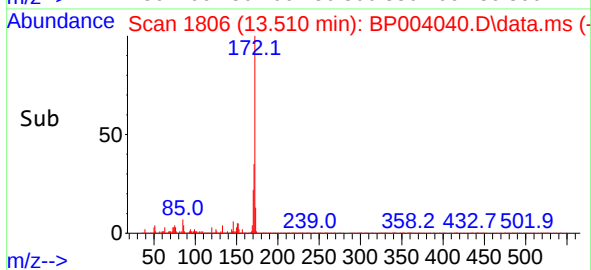
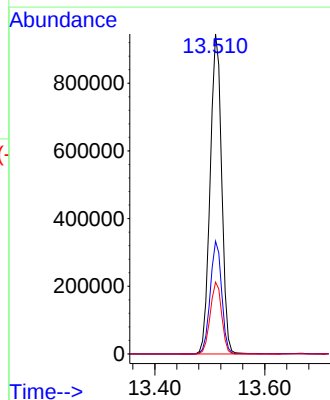
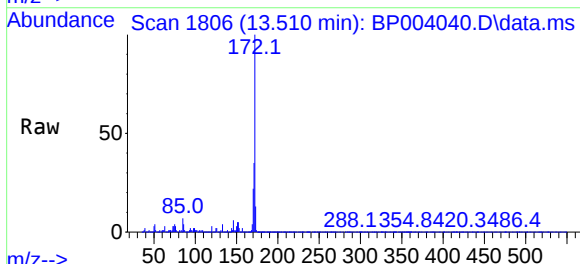
Instrument :  
BNA\_P  
ClientSampleId :  
PH-CON-A

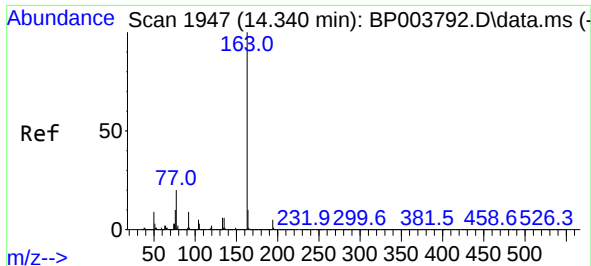
Tgt Ion: 330 Resp: 77729  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.1 115.7  
141 34.2 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 73.12 ng  
RT: 13.510 min Scan# 1806  
Delta R.T. -0.024 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Tgt Ion: 172 Resp: 1371064  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.5 42.7  
170 22.5 19.2 28.8

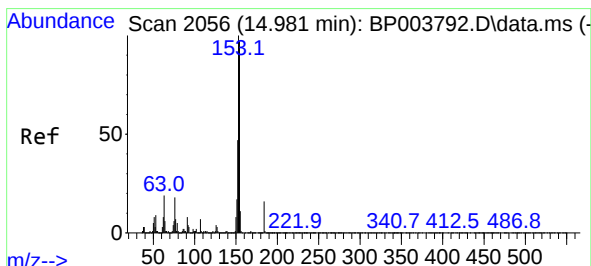
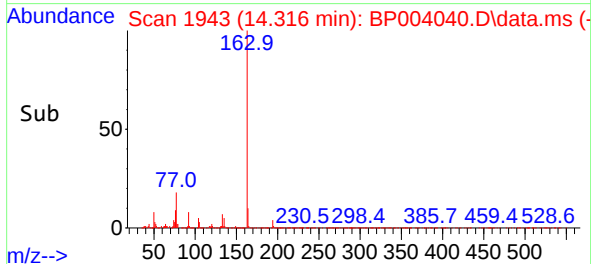
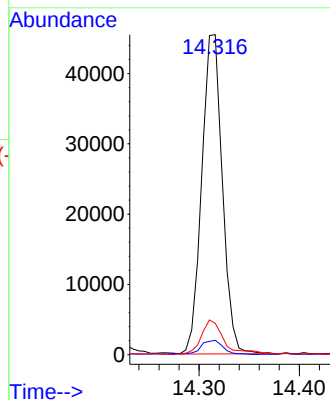
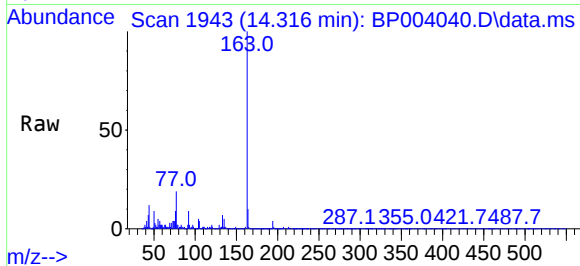




#50  
Dimethylphthalate  
Concen: 3.18 ng  
RT: 14.316 min Scan# 1943  
Delta R.T. -0.024 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

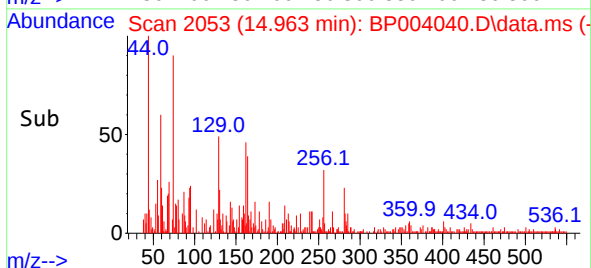
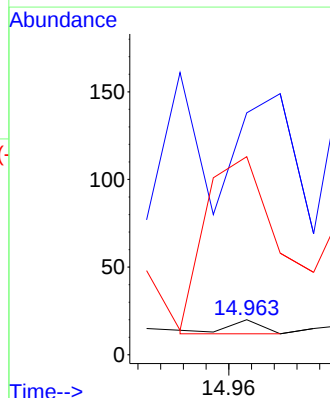
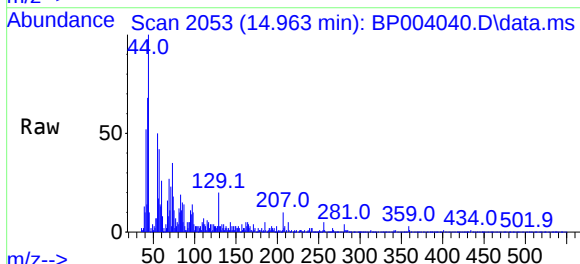
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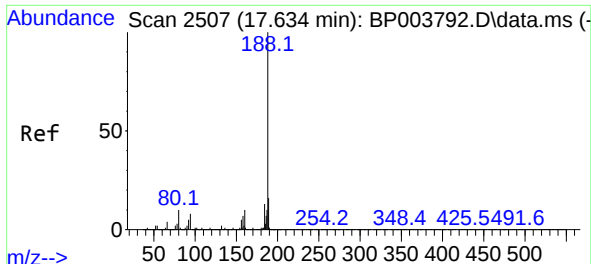
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|-------------|-------|----------|
| Tgt Ion:163 | Resp: | 65174    |
| Ion Ratio   | Lower | Upper    |
| 163         | 100   |          |
| 194         | 4.5   | 3.3 4.9  |
| 164         | 9.8   | 8.2 12.2 |



#54  
2,4-Dinitrophenol  
Concen: 2.73 ng  
RT: 14.963 min Scan# 2053  
Delta R.T. -0.018 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:184 | Resp: | 3          |
| Ion Ratio   | Lower | Upper      |
| 184         | 100   |            |
| 63          | 690.0 | 32.3 48.5# |
| 154         | 565.0 | 49.1 73.7# |

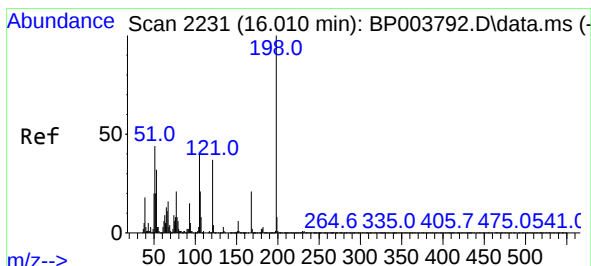
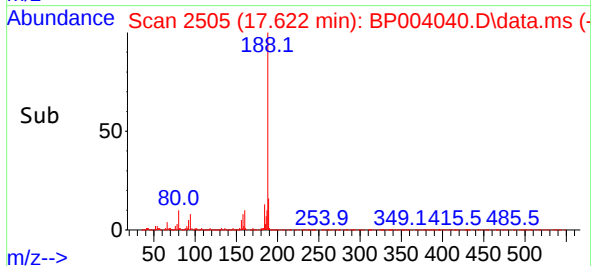
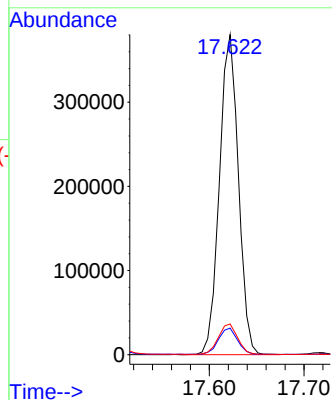
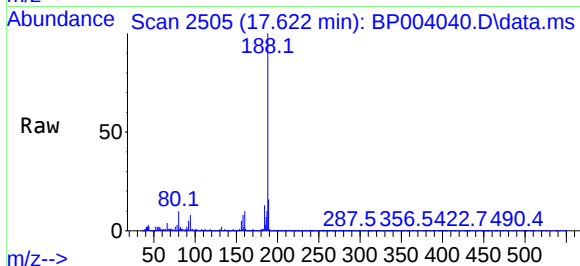




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.622 min Scan# 2505  
Delta R.T. -0.012 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

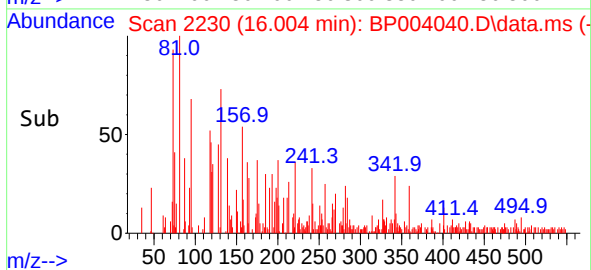
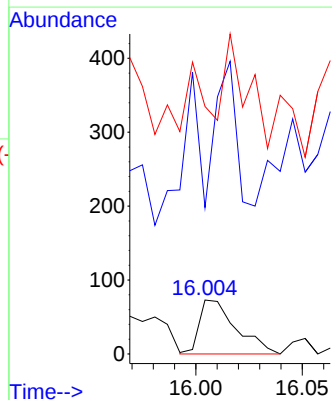
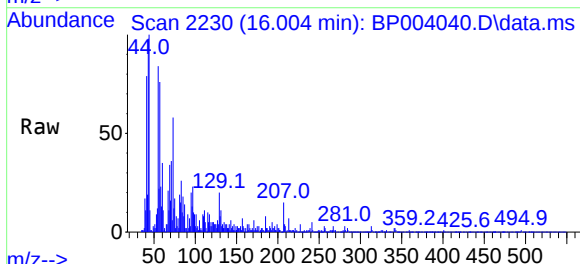
Instrument :  
BNA\_P  
ClientSampleId :  
PH-CON-A

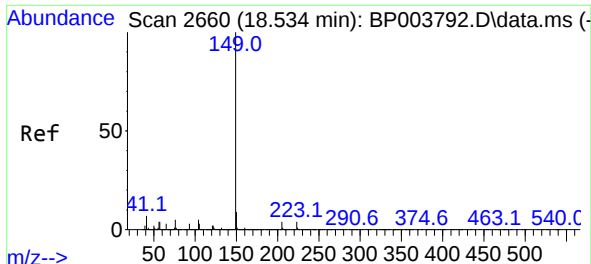
Tgt Ion:188 Resp: 529048  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.2 9.2  
80 9.6 6.2 9.2#



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.37 ng  
RT: 16.004 min Scan# 2230  
Delta R.T. -0.006 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Tgt Ion:198 Resp: 88  
Ion Ratio Lower Upper  
198 100  
51 271.2 6.4 46.4#  
105 458.9 18.9 58.9#

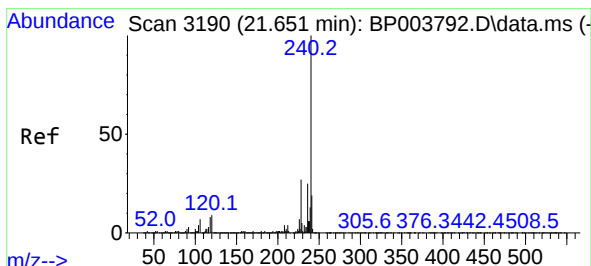
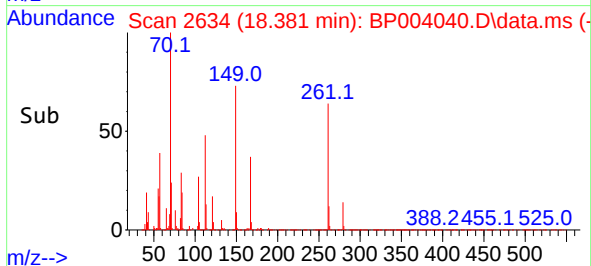
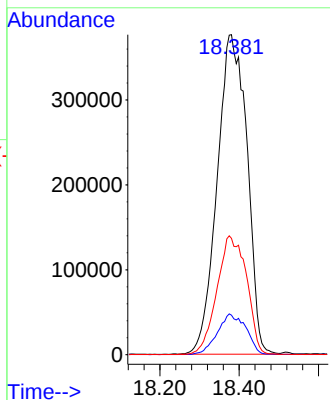
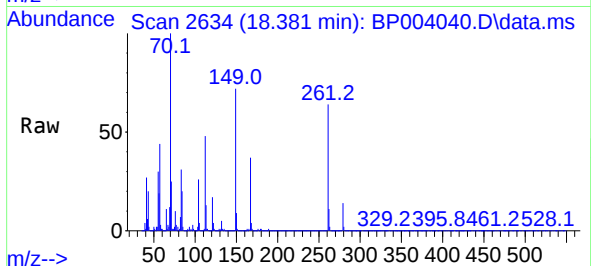




#74  
Di-n-butylphthalate  
Concen: 63.87 ng  
RT: 18.381 min Scan# 2634  
Delta R.T. -0.153 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

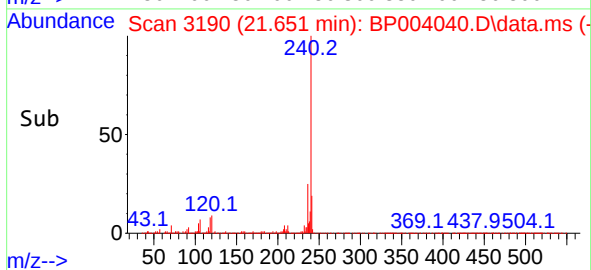
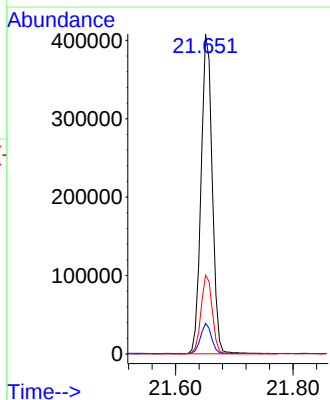
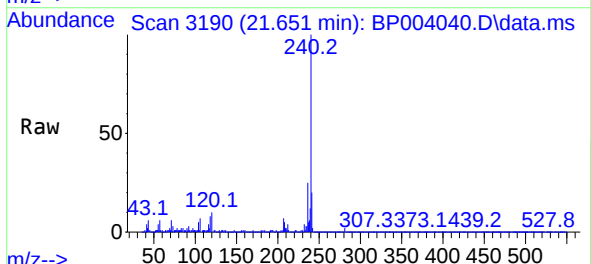
Instrument :  
BNA\_P  
ClientSampleId :  
PH-CON-A

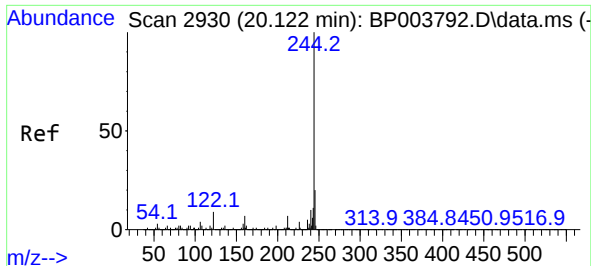
Tgt Ion:149 Resp: 1967152  
Ion Ratio Lower Upper  
149 100  
150 12.4 7.3 10.9#  
104 36.4 3.4 5.0#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.651 min Scan# 3190  
Delta R.T. 0.000 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Tgt Ion:240 Resp: 536353  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.8 11.6  
236 24.6 20.8 31.2



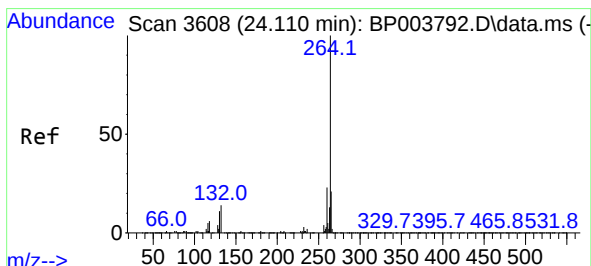
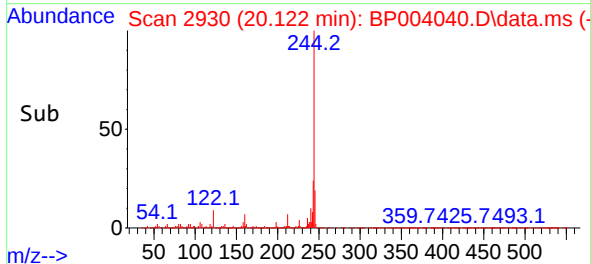
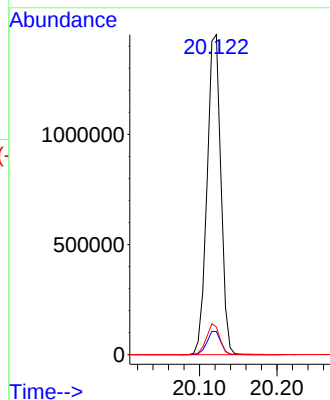
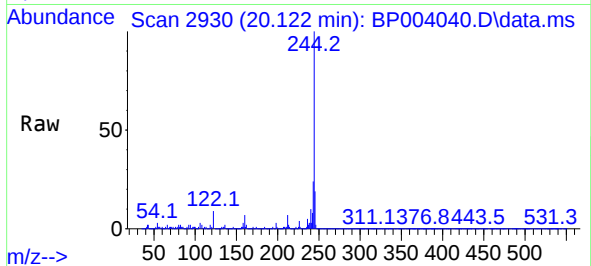


#79  
Terphenyl-d14  
Concen: 64.68 ng  
RT: 20.122 min Scan# 2930  
Delta R.T. 0.000 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Instrument :  
BNA\_P  
ClientSampleId :  
PH-CON-A

Tgt Ion:244 Resp: 1795519

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 5.8   | 8.6   |
| 122 | 8.7   | 7.8   | 11.8  |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.122 min Scan# 3610  
Delta R.T. 0.012 min  
Lab File: BP004040.D  
Acq: 21 Nov 2020 16:23

Tgt Ion:264 Resp: 580473

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 18.8  | 28.2  |
| 265 | 21.9  | 17.4  | 26.2  |

