

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042921\  
 Data File : BP005419.D  
 Acq On : 29 Apr 2021 20:39  
 Operator : CG/JU  
 Sample : M2202-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 290

Quant Time: Apr 30 01:13:10 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP042921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 29 16:42:41 2021  
 Response via : Initial Calibration

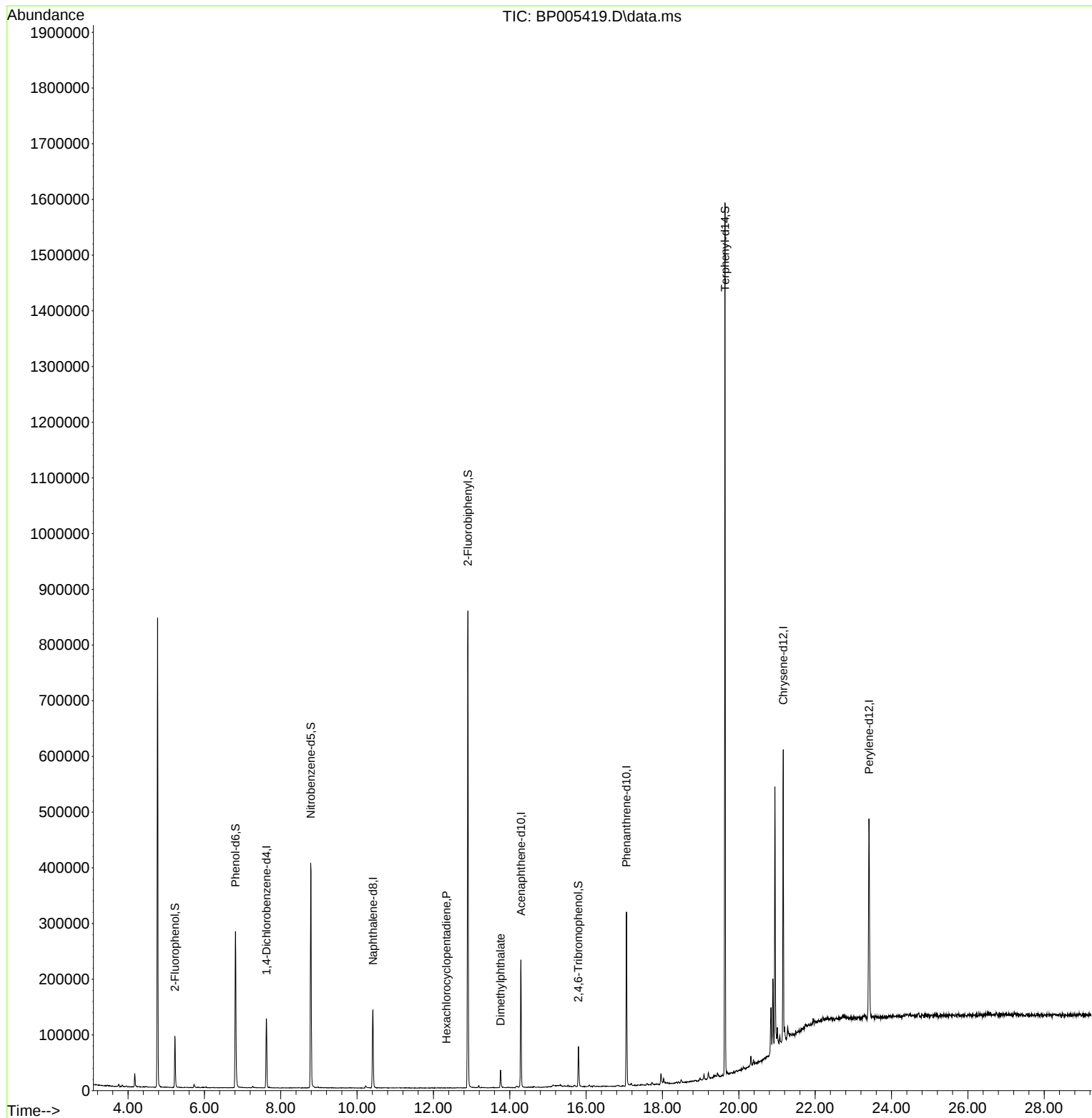
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 27761    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.416 | 136  | 95582    | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.293 | 164  | 70276    | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.057 | 188  | 169898   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12              | 21.163 | 240  | 231341   | 20.00 | ng    | # 0.00    |
| 86) Perylene-d12              | 23.410 | 264  | 252210   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 5) 2-Fluorophenol             | 5.228  | 112  | 31901    | 20.10 | ng    | 0.00      |
| 7) Phenol-d6                  | 6.816  | 99   | 130590   | 58.80 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 8.787  | 82   | 233427   | 86.55 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 15.798 | 330  | 13438    | 9.22  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 12.904 | 172  | 380036   | 64.56 | ng    | 0.00      |
| 79) Terphenyl-d14             | 19.639 | 244  | 624551   | 48.51 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 41) Hexachlorocyclopentadiene | 12.340 | 237  | 10       | 8.36  | ng    | Qvalue 89 |
| 50) Dimethylphthalate         | 13.757 | 163  | 17948    | 3.15  | ng    | 98        |
| -----                         |        |      |          |       |       |           |

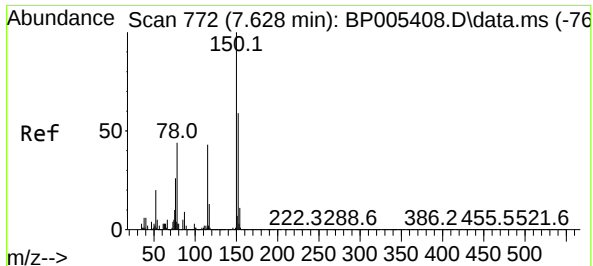
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042921\  
Data File : BP005419.D  
Acq On : 29 Apr 2021 20:39  
Operator : CG/JU  
Sample : M2202-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
290

Quant Time: Apr 30 01:13:10 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP042921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 29 16:42:41 2021  
Response via : Initial Calibration

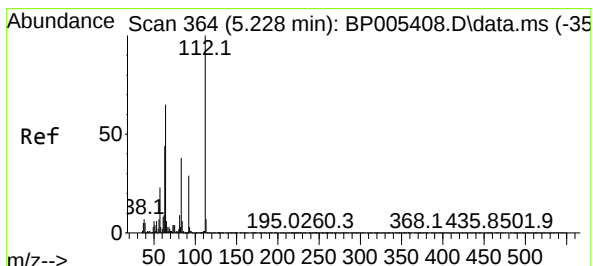
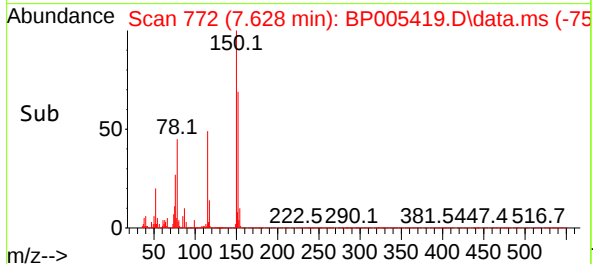
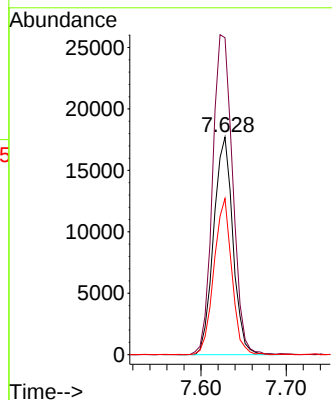
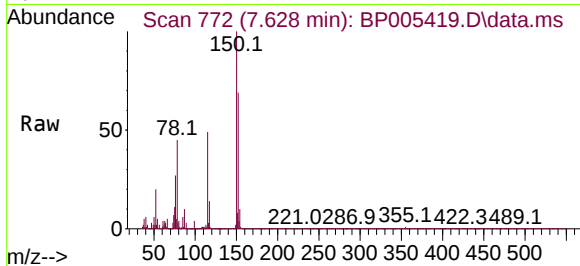




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.628 min Scan# 772  
Delta R.T. 0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

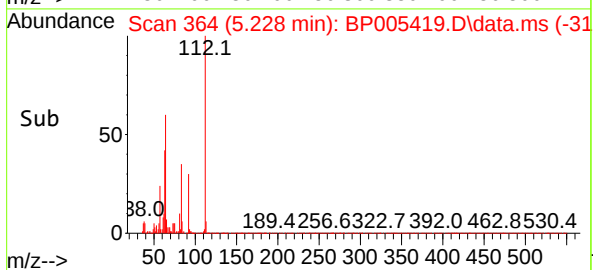
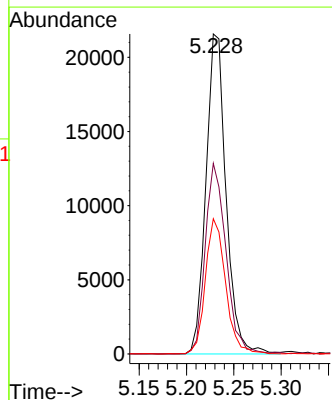
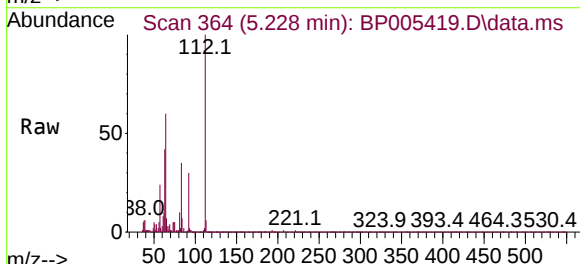
Instrument :  
BNA\_P  
ClientSampleId :  
290

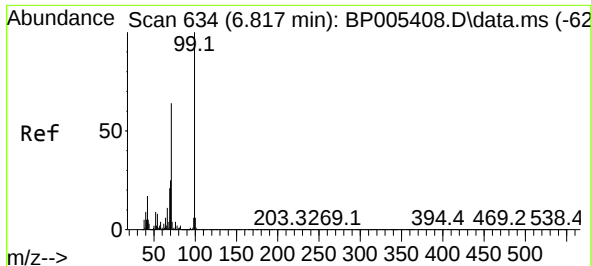
Tgt Ion:152 Resp: 27761  
Ion Ratio Lower Upper  
152 100  
150 145.7 119.8 179.8  
115 71.8 49.0 73.4



#5  
2-Fluorophenol  
Concen: 20.10 ng  
RT: 5.228 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

Tgt Ion:112 Resp: 31901  
Ion Ratio Lower Upper  
112 100  
64 59.5 33.6 50.4#  
63 42.3 18.6 27.8#

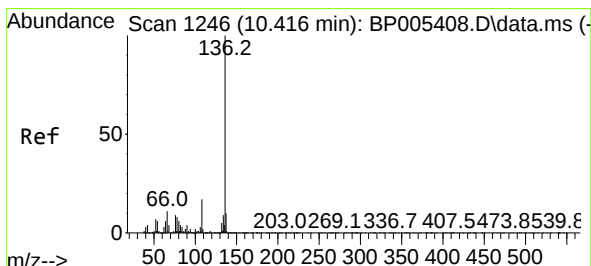
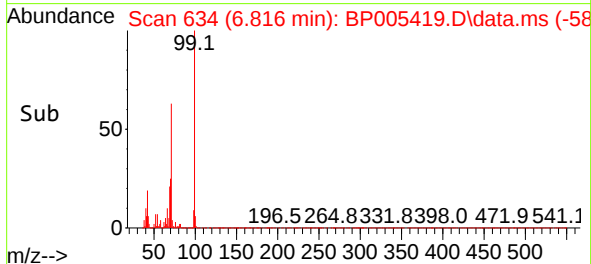
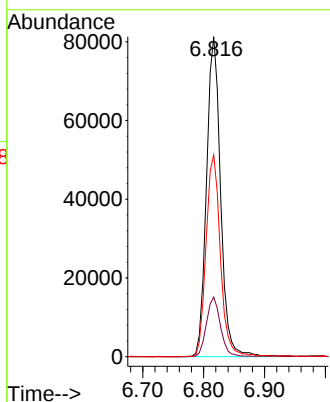
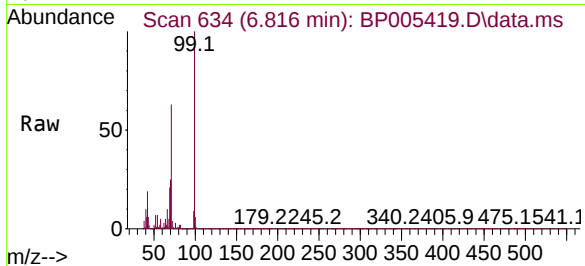




#7  
Phenol-d6  
Concen: 58.80 ng  
RT: 6.816 min Scan# 634  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

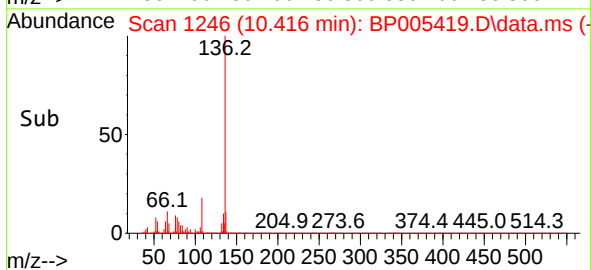
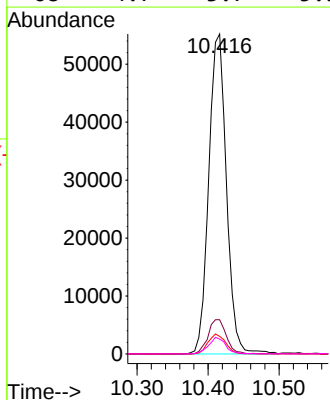
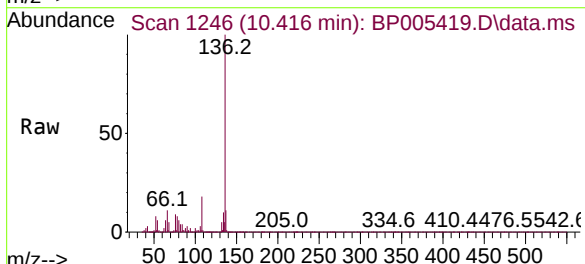
Instrument :  
BNA\_P  
ClientSampleId :  
290

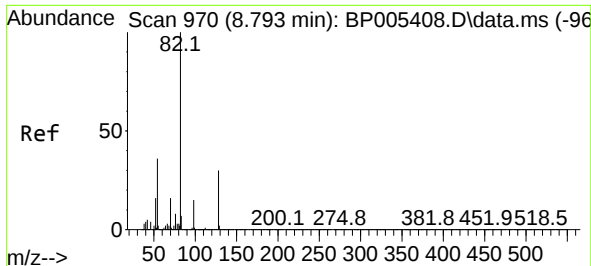
Tgt Ion: 99 Resp: 130590  
Ion Ratio Lower Upper  
99 100  
42 18.6 12.9 19.3  
71 63.1 26.7 40.1#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.416 min Scan# 1246  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

Tgt Ion: 136 Resp: 95582  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 5.5 5.0 7.4  
68 4.7 3.7 5.5

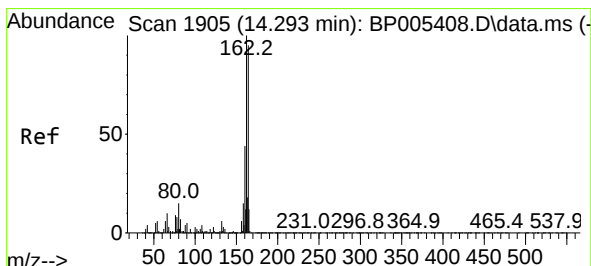
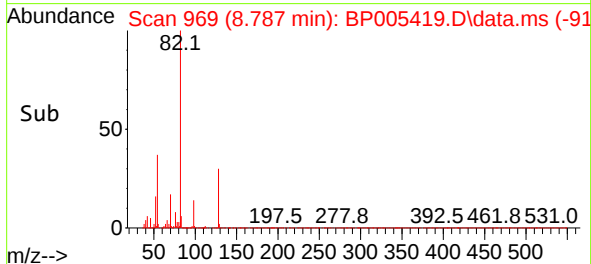
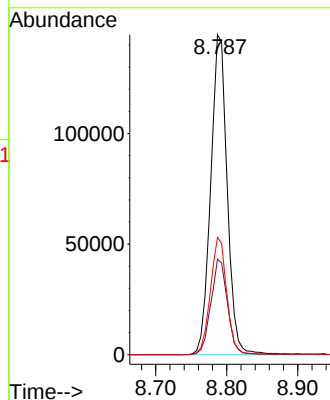
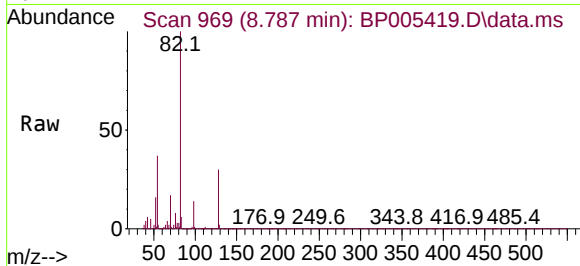




#23  
Nitrobenzene-d5  
Concen: 86.55 ng  
RT: 8.787 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

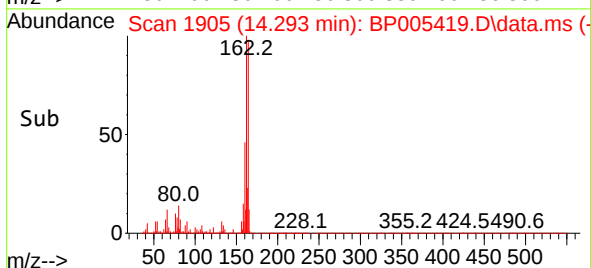
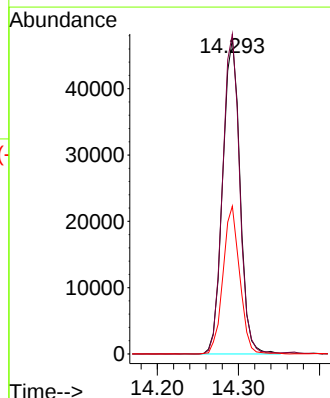
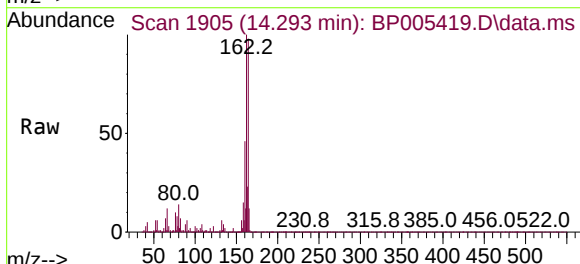
Instrument :  
BNA\_P  
ClientSampleId :  
290

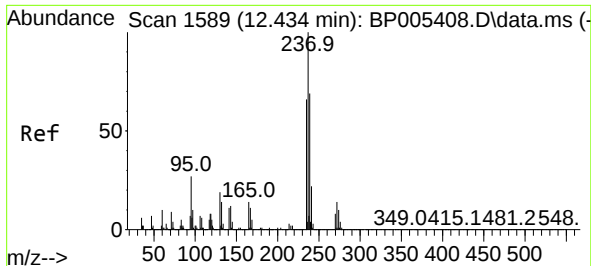
Tgt Ion: 82 Resp: 233427  
Ion Ratio Lower Upper  
82 100  
128 29.9 30.5 45.7#  
54 36.7 33.9 50.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.293 min Scan# 1905  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

Tgt Ion:164 Resp: 70276  
Ion Ratio Lower Upper  
164 100  
162 101.6 73.5 110.3  
160 46.9 40.6 61.0

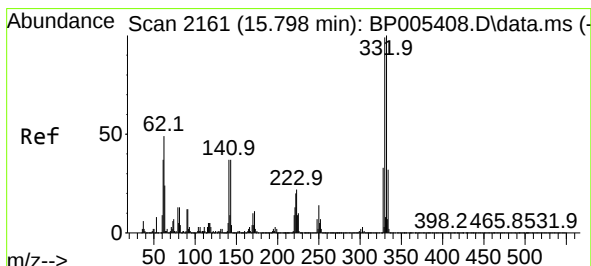
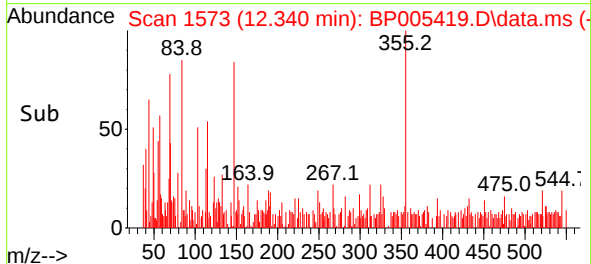
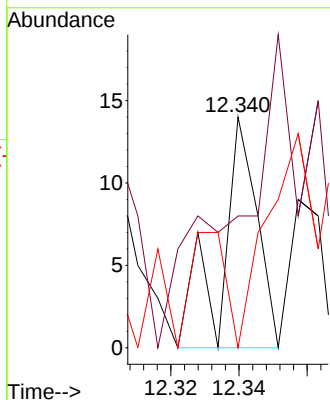
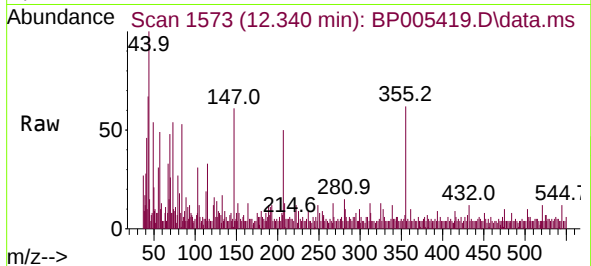




#41  
Hexachlorocyclopentadiene  
Concen: 8.36 ng  
RT: 12.340 min Scan# 1573  
Delta R.T. -0.094 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

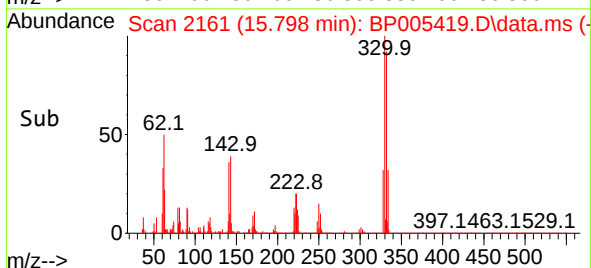
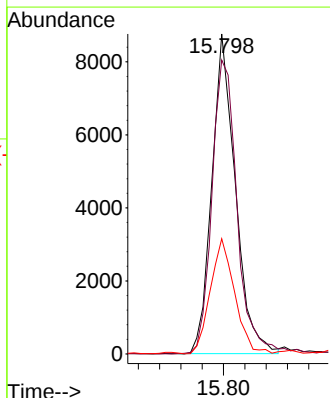
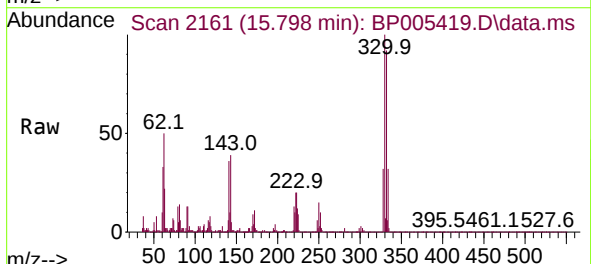
Instrument :  
BNA\_P  
ClientSampled :  
290

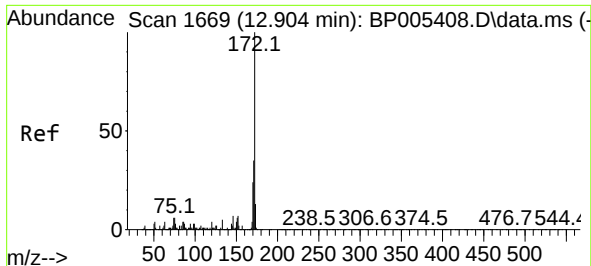
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 10    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 57.1  | 40.9  | 80.9  |
| 272      | 0.0   | 0.0   | 34.6  |



#42  
2,4,6-Tribromophenol  
Concen: 9.22 ng  
RT: 15.798 min Scan# 2161  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 13438 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 98.7  | 76.3  | 114.5 |
| 141      | 37.2  | 22.8  | 34.2  |

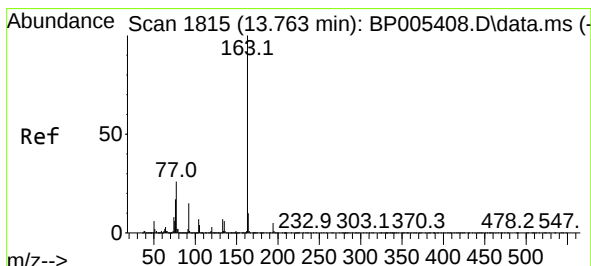
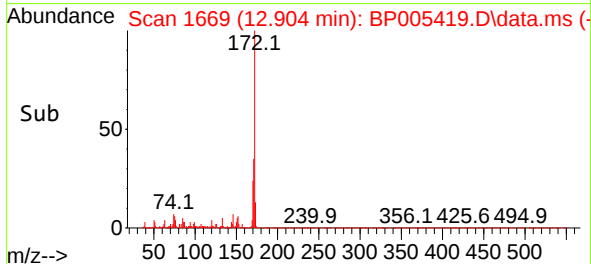
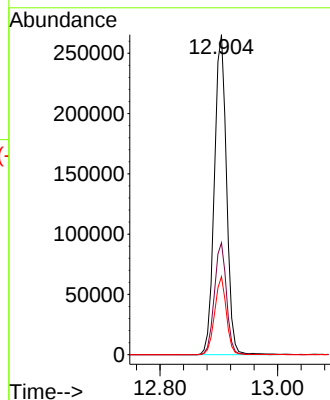
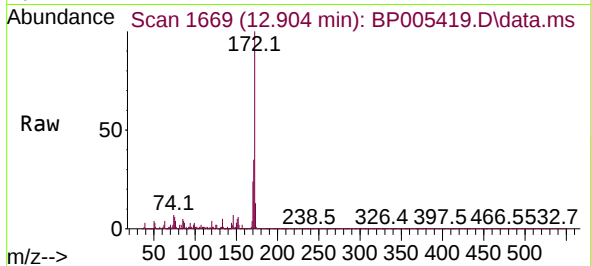




#45  
2-Fluorobiphenyl  
Concen: 64.56 ng  
RT: 12.904 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

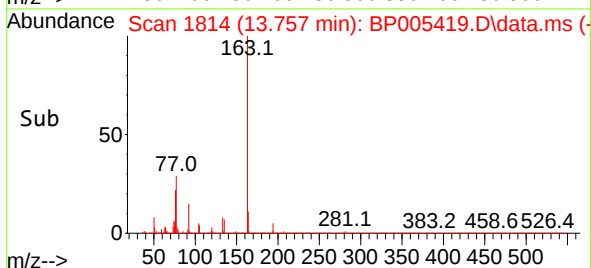
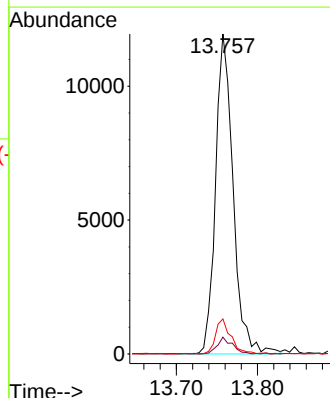
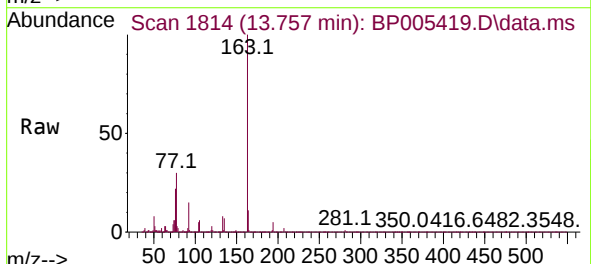
Instrument :  
BNA\_P  
ClientSampleId :  
290

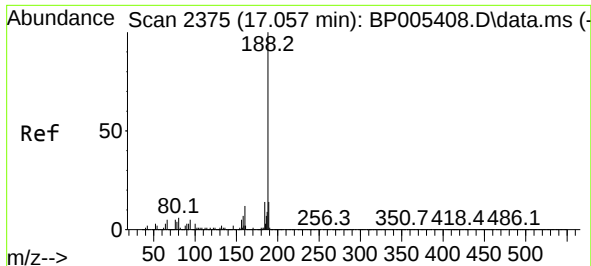
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 380036 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.0  | 28.1  | 42.1   |
| 170       | 24.4  | 19.6  | 29.4   |



#50  
Dimethylphthalate  
Concen: 3.15 ng  
RT: 13.757 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 17948 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 5.2   | 3.9   | 5.9   |
| 164       | 10.9  | 8.1   | 12.1  |

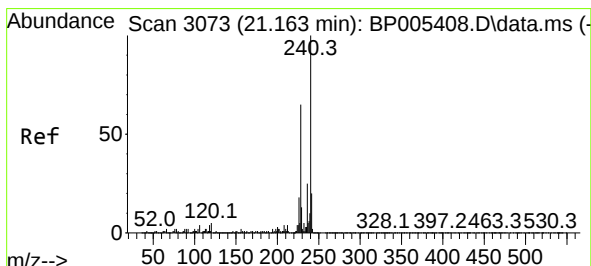
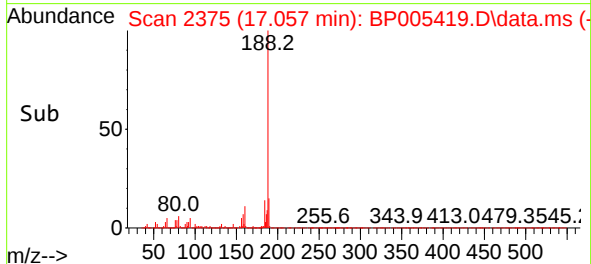
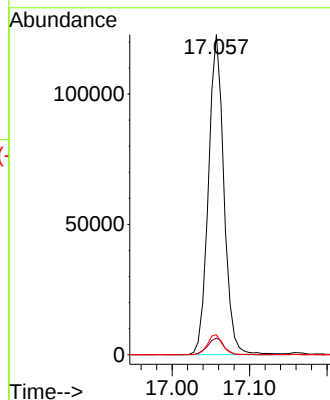
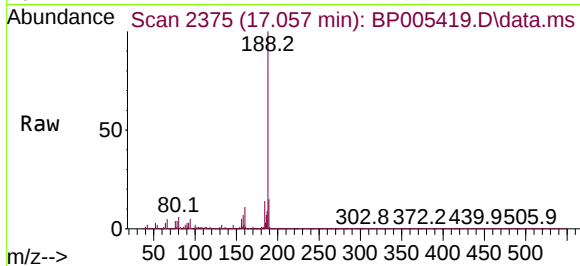




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.057 min Scan# 2375  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

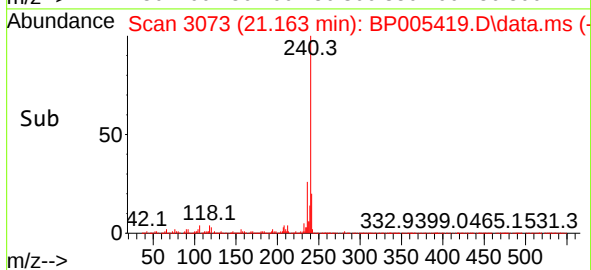
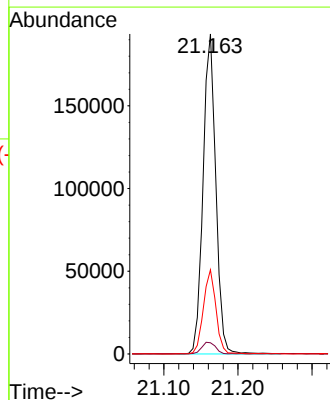
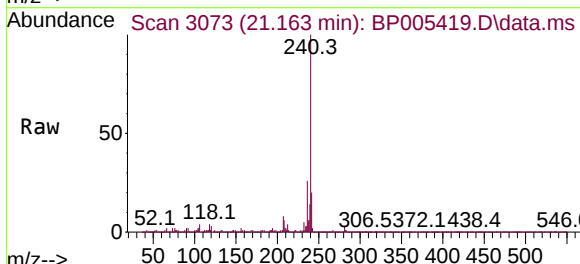
Instrument :  
BNA\_P  
ClientSampleId :  
290

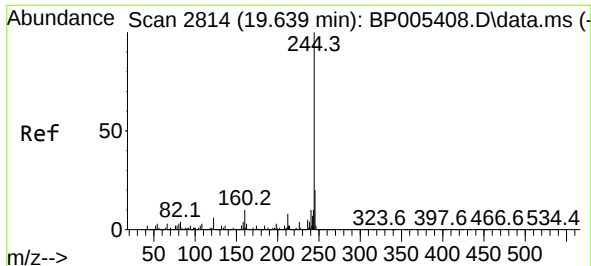
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 169898 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 5.2   | 5.0   | 7.6    |
| 80        | 6.2   | 5.9   | 8.9    |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.163 min Scan# 3073  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 231341 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 3.5   | 4.2   | 6.2#   |
| 236       | 26.3  | 20.2  | 30.2   |

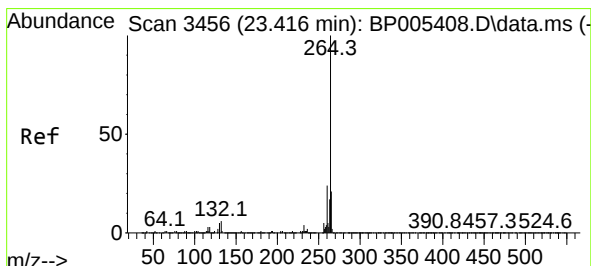
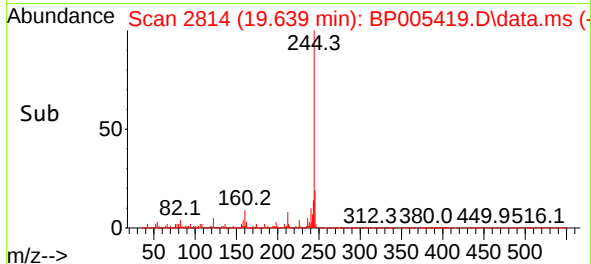
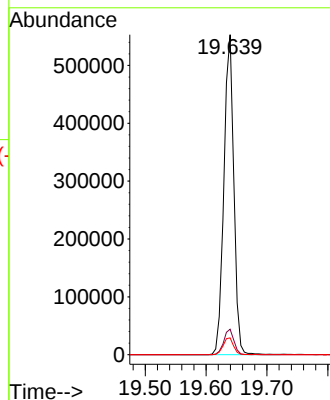
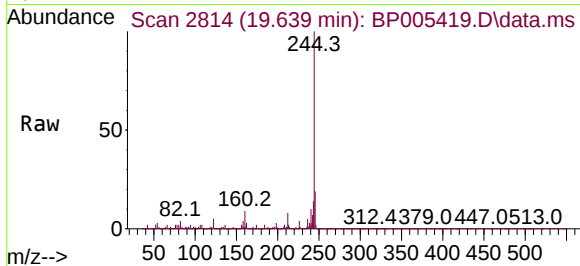




#79  
Terphenyl-d14  
Concen: 48.51 ng  
RT: 19.639 min Scan# 2814  
Delta R.T. -0.000 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

Instrument :  
BNA\_P  
ClientSampleId :  
290

|             |       |         |
|-------------|-------|---------|
| Tgt Ion:244 | Resp: | 624551  |
| Ion Ratio   | Lower | Upper   |
| 244         | 100   |         |
| 212         | 7.9   | 5.8 8.6 |
| 122         | 5.2   | 5.2 7.8 |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.410 min Scan# 3455  
Delta R.T. -0.006 min  
Lab File: BP005419.D  
Acq: 29 Apr 2021 20:39

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 252210    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.0  | 20.6 30.8 |
| 265         | 21.6  | 19.0 28.6 |

