

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111821\  
 Data File : BP008031.D  
 Acq On : 18 Nov 2021 23:32  
 Operator : CG/JU  
 Sample : M4724-10  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 2ND-FLOOR-BRICK

Quant Time: Nov 19 02:26:00 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 05:36:49 2021  
 Response via : Initial Calibration

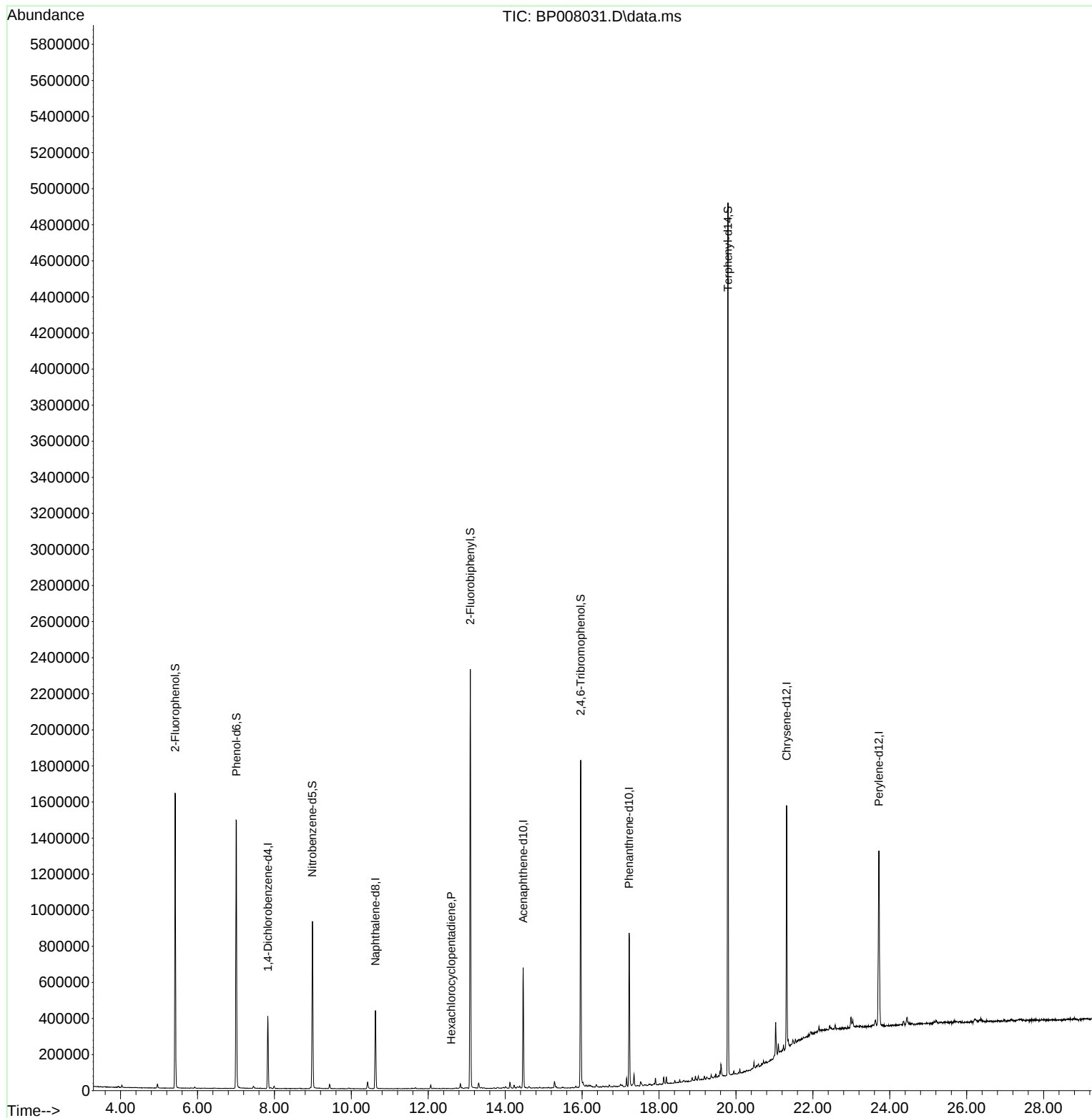
| Compound                      | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|----------|----------|
| -----                         |        |      |          |           |          |          |
| Internal Standards            |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 108273   | 20.000    | ng       | -0.01    |
| 21) Naphthalene-d8            | 10.628 | 136  | 353553   | 20.000    | ng       | -0.01    |
| 39) Acenaphthene-d10          | 14.469 | 164  | 231924   | 20.000    | ng       | -0.01    |
| 64) Phenanthrene-d10          | 17.222 | 188  | 517559   | 20.000    | ng       | -0.02    |
| 76) Chrysene-d12              | 21.316 | 240  | 657543   | 20.000    | ng       | -0.02    |
| 86) Perylene-d12              | 23.715 | 264  | 776682   | 20.000    | ng       | -0.02    |
| System Monitoring Compounds   |        |      |          |           |          |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 700650   | 104.976   | ng       | 0.00     |
| 7) Phenol-d6                  | 7.010  | 99   | 843487   | 94.996    | ng       | -0.01    |
| 23) Nitrobenzene-d5           | 8.987  | 82   | 523506   | 79.238    | ng       | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.963 | 330  | 362743   | 99.408    | ng       | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.092 | 172  | 1180619  | 71.406    | ng       | -0.01    |
| 79) Terphenyl-d14             | 19.792 | 244  | 2252220  | 69.453    | ng       | -0.01    |
| Target Compounds              |        |      |          |           |          |          |
| 9) Benzaldehyde               | 7.005  | 77   | 1978     | Below Cal | Qvalue # | 11       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.434  | 45   | 204      | Below Cal |          | 67       |
| 41) Hexachlorocyclopentadiene | 12.598 | 237  | 31       | 3.077 ng  |          | 91       |
| -----                         |        |      |          |           |          |          |

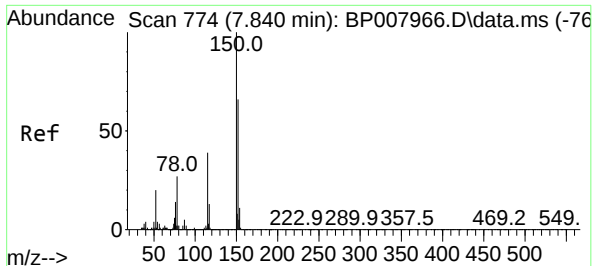
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111821\  
Data File : BP008031.D  
Acq On : 18 Nov 2021 23:32  
Operator : CG/JU  
Sample : M4724-10  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

Quant Time: Nov 19 02:26:00 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 15 05:36:49 2021  
Response via : Initial Calibration

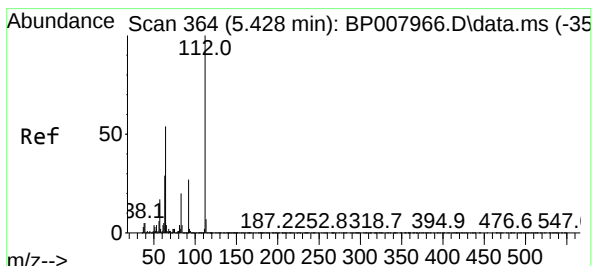
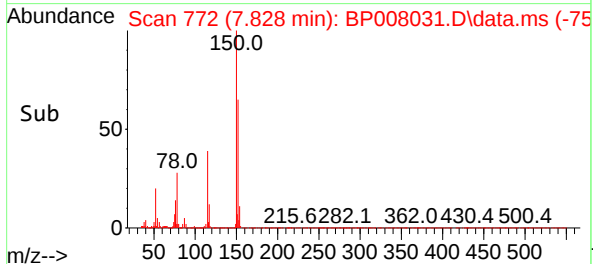
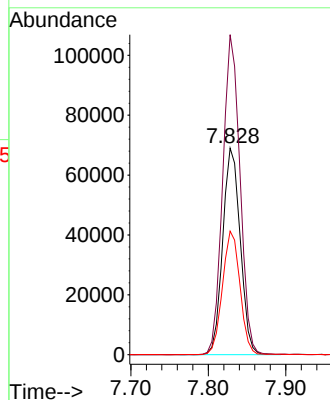
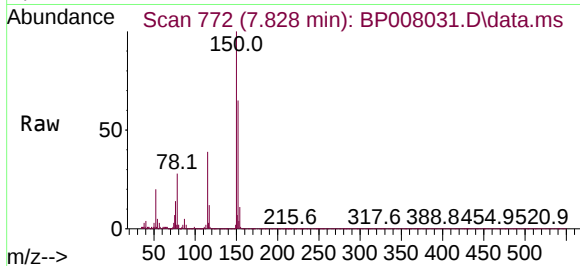




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.828 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

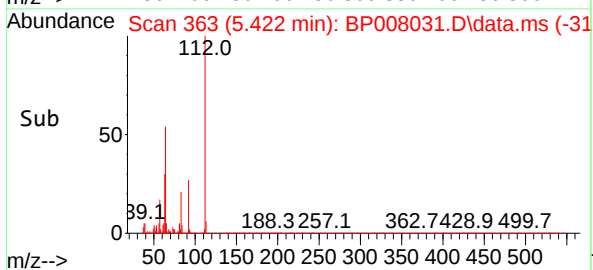
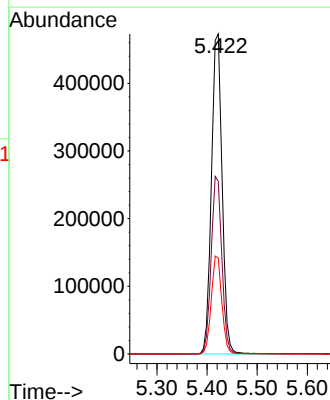
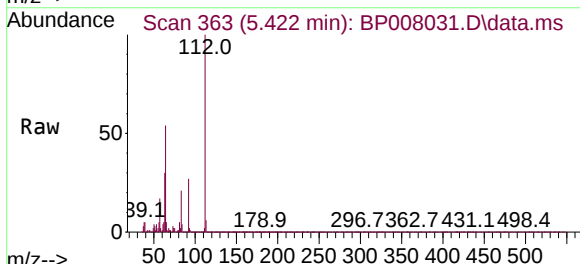
Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

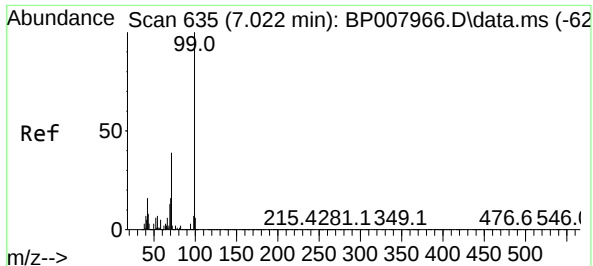
Tgt Ion:152 Resp: 108273  
Ion Ratio Lower Upper  
152 100  
150 154.9 124.1 186.1  
115 59.8 48.1 72.1



#5  
2-Fluorophenol  
Concen: 104.976 ng  
RT: 5.422 min Scan# 363  
Delta R.T. -0.006 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

Tgt Ion:112 Resp: 700650  
Ion Ratio Lower Upper  
112 100  
64 54.0 46.6 70.0  
63 29.9 25.0 37.6

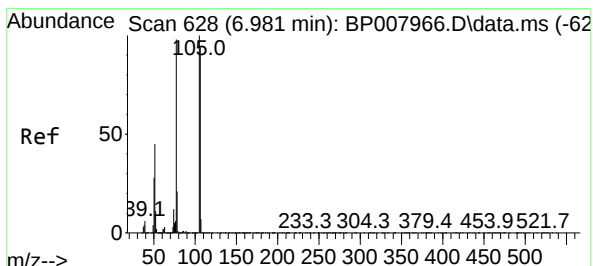
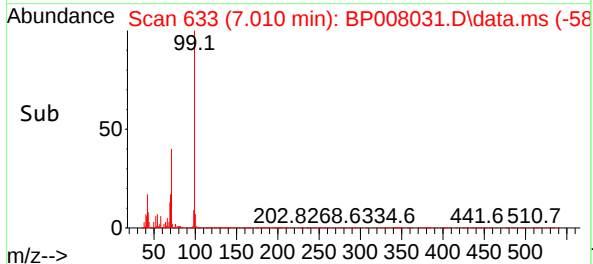
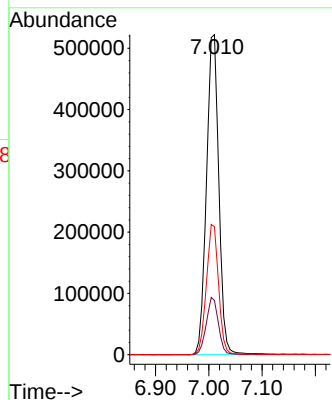
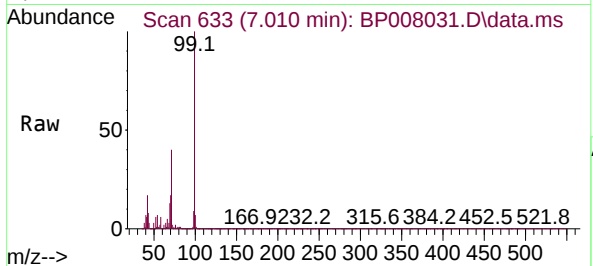




#7  
Phenol-d6  
Concen: 94.996 ng  
RT: 7.010 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

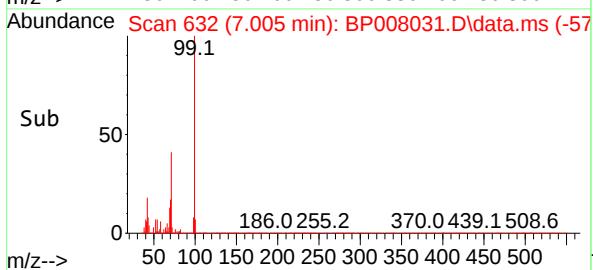
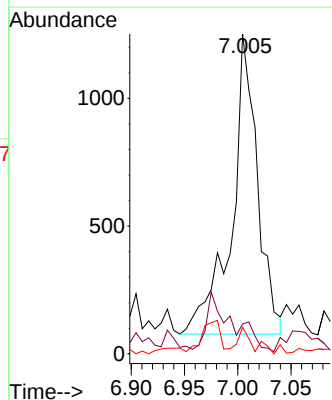
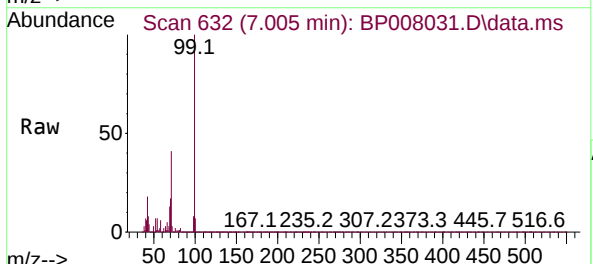
Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

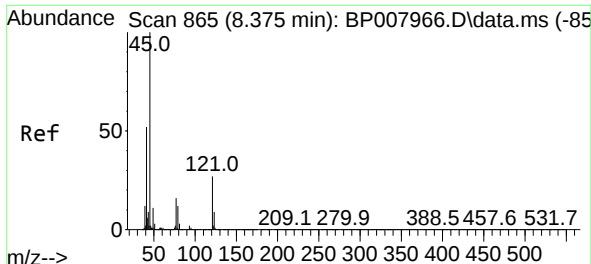
Tgt Ion: 99 Resp: 843487  
Ion Ratio Lower Upper  
99 100  
42 17.0 14.9 22.3  
71 40.0 29.2 43.8



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.005 min Scan# 632  
Delta R.T. 0.024 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

Tgt Ion: 77 Resp: 1978  
Ion Ratio Lower Upper  
77 100  
105 9.3 77.5 117.5#  
106 8.3 72.1 112.1#

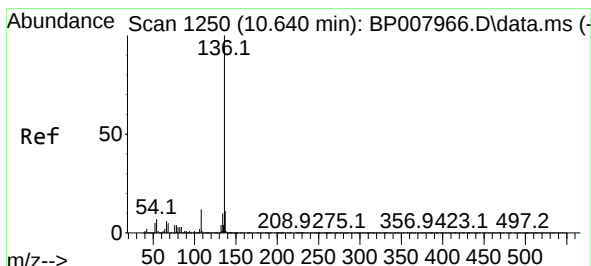
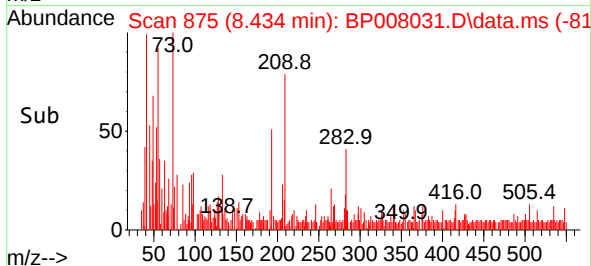
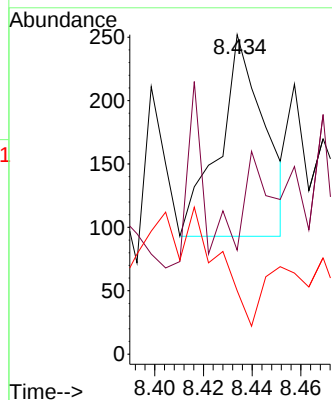
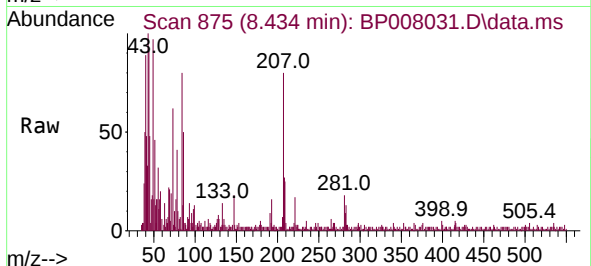




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: Below Cal  
RT: 8.434 min Scan# 81  
Delta R.T. 0.059 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

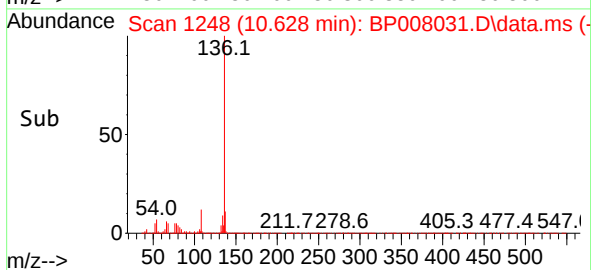
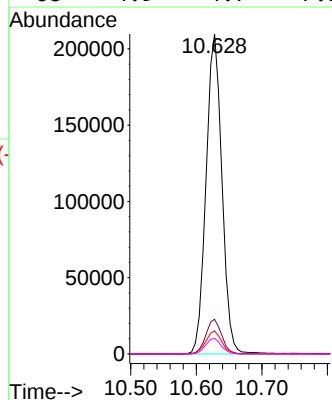
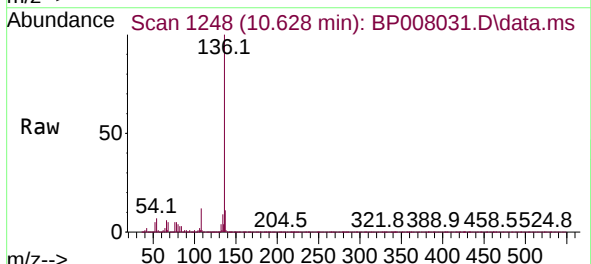
Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

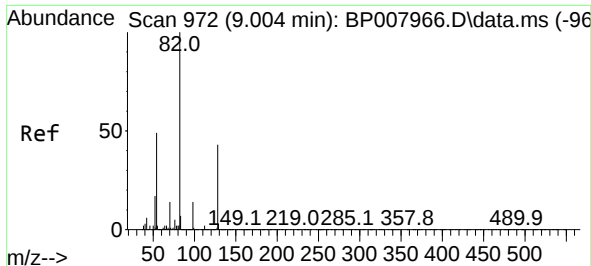
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 204   |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 32.5  | 0.0   | 34.9  |
| 79       | 19.8  | 0.0   | 31.7  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.628 min Scan# 1248  
Delta R.T. -0.012 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 353553 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 13.0   |
| 54       | 7.2   | 6.2   | 9.4    |
| 68       | 4.9   | 4.7   | 7.1    |

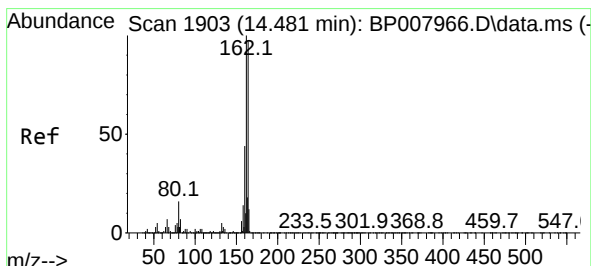
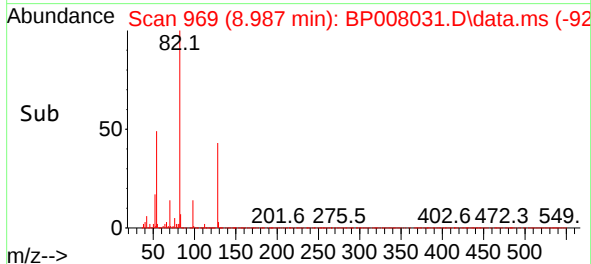
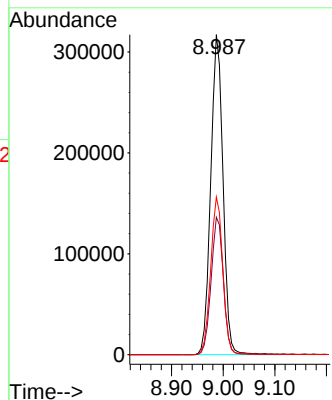
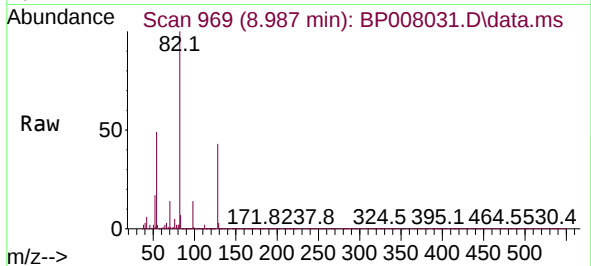




#23  
Nitrobenzene-d5  
Concen: 79.238 ng  
RT: 8.987 min Scan# 901  
Delta R.T. -0.017 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

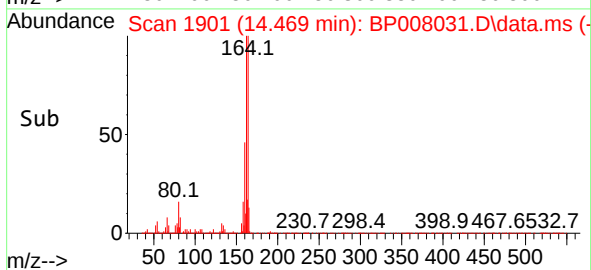
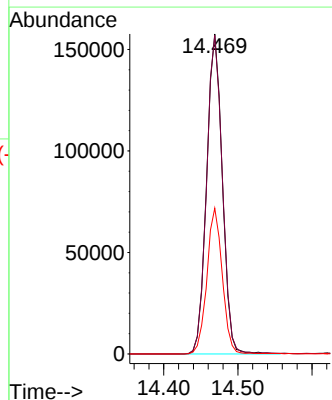
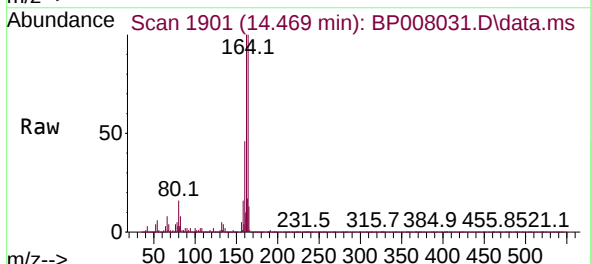
Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

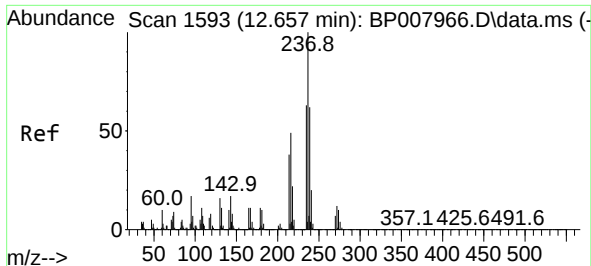
Tgt Ion: 82 Resp: 523506  
Ion Ratio Lower Upper  
82 100  
128 43.0 32.6 48.8  
54 49.3 40.4 60.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.469 min Scan# 1901  
Delta R.T. -0.012 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

Tgt Ion: 164 Resp: 231924  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.1 121.7  
160 45.6 36.0 54.0

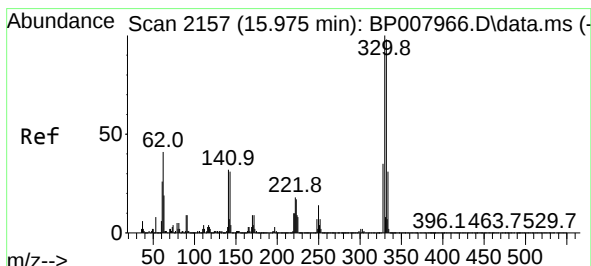
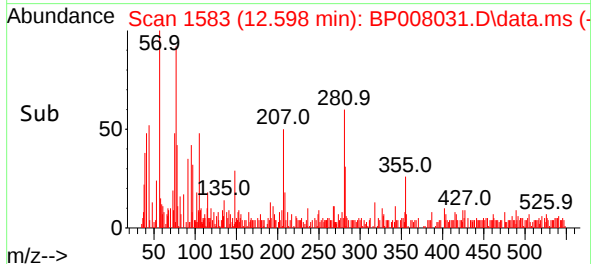
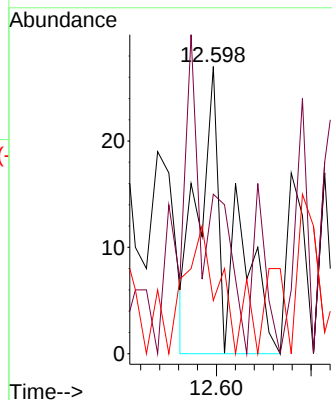
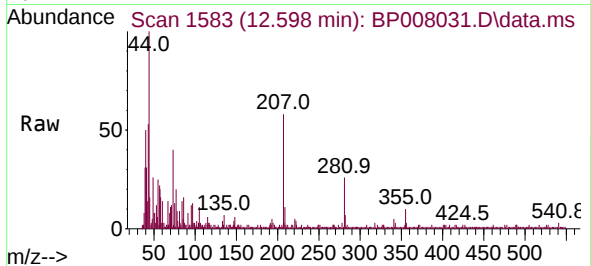




#41  
Hexachlorocyclopentadiene  
Concen: 3.077 ng  
RT: 12.598 min Scan# 11  
Delta R.T. -0.059 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

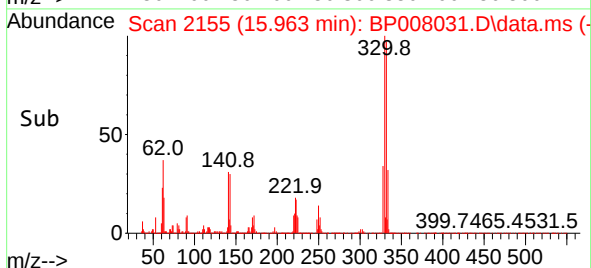
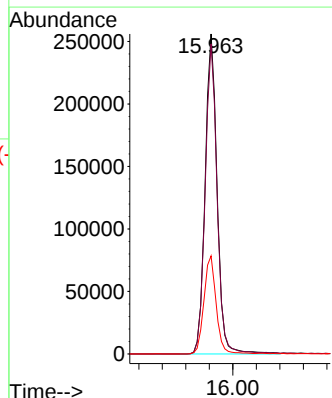
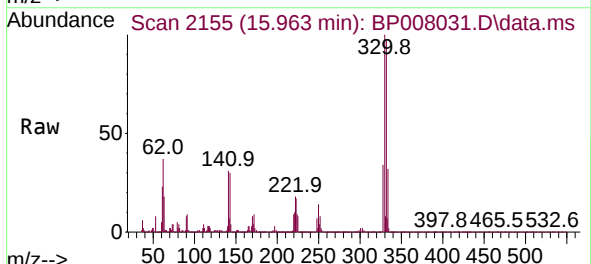
Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

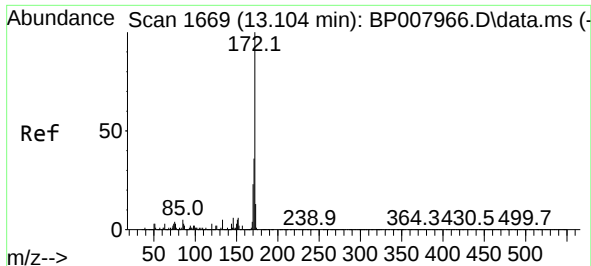
|              |             |
|--------------|-------------|
| Tgt Ion: 237 | Resp: 31    |
| Ion Ratio    | Lower Upper |
| 237 100      |             |
| 235 55.6     | 41.2 81.2   |
| 272 18.5     | 0.0 31.9    |



#42  
2,4,6-Tribromophenol  
Concen: 99.408 ng  
RT: 15.963 min Scan# 2155  
Delta R.T. -0.012 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

|              |              |
|--------------|--------------|
| Tgt Ion: 330 | Resp: 362743 |
| Ion Ratio    | Lower Upper  |
| 330 100      |              |
| 332 95.9     | 78.9 118.3   |
| 141 31.3     | 30.7 46.1    |

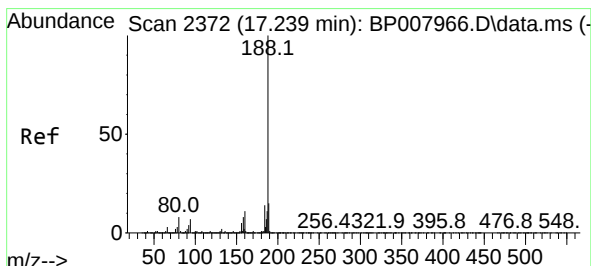
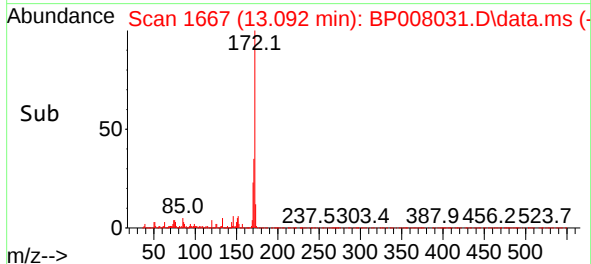
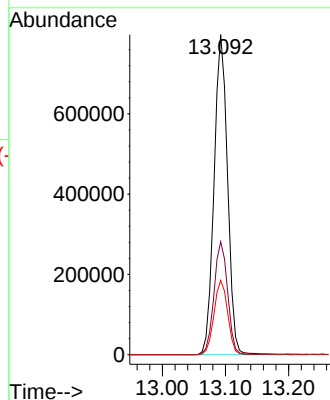
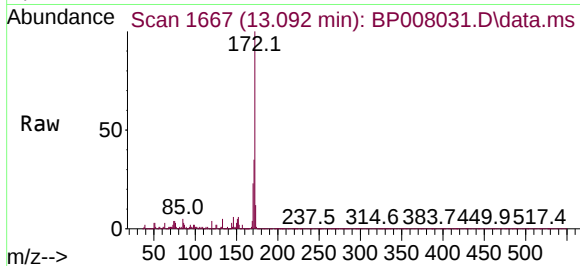




#45  
2-Fluorobiphenyl  
Concen: 71.406 ng  
RT: 13.092 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

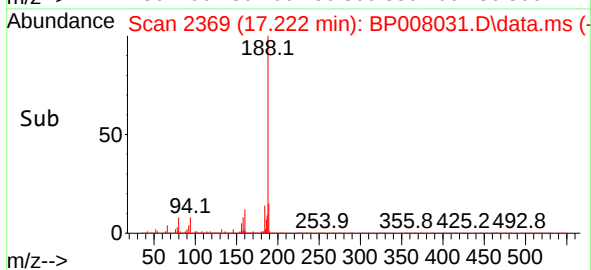
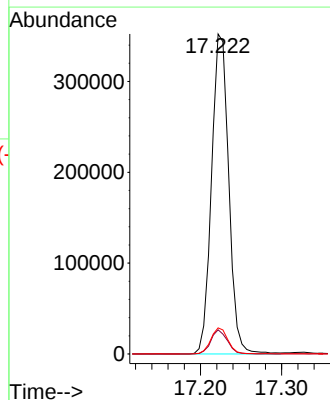
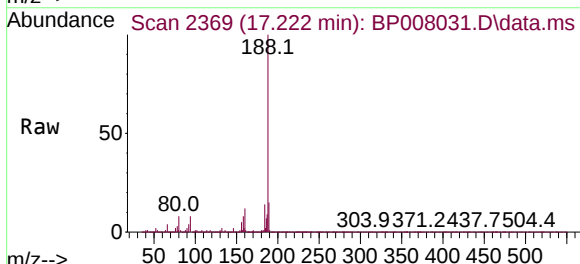
Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

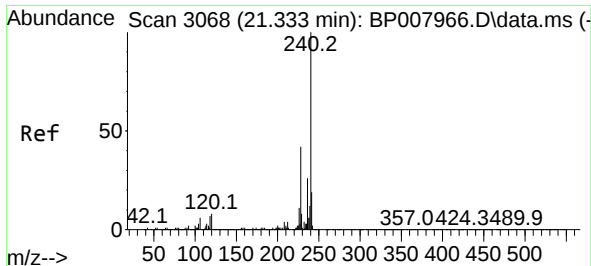
Tgt Ion:172 Resp: 1180619  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.2 42.2  
170 23.2 19.0 28.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.222 min Scan# 2369  
Delta R.T. -0.018 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

Tgt Ion:188 Resp: 517559  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.1 10.7  
80 8.1 7.8 11.6

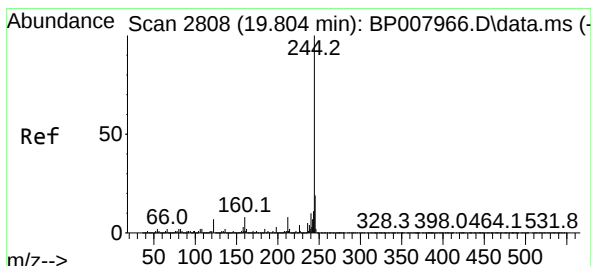
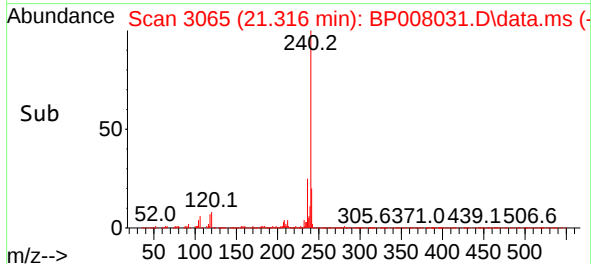
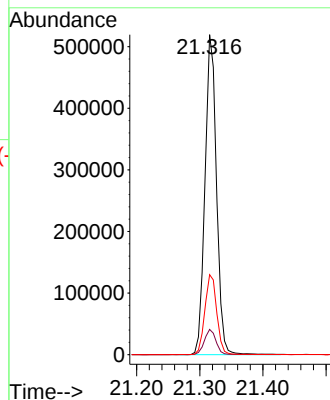
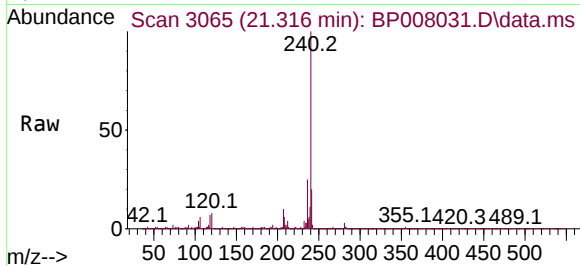




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.316 min Scan# 3065  
Delta R.T. -0.018 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

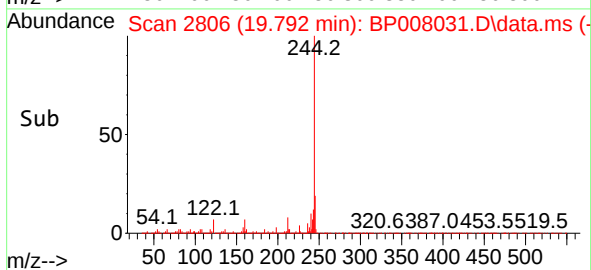
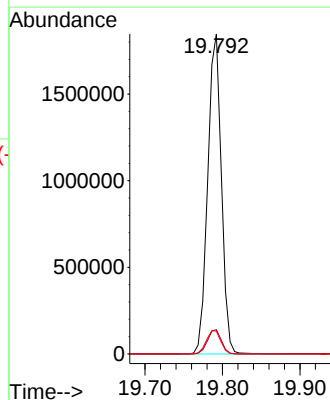
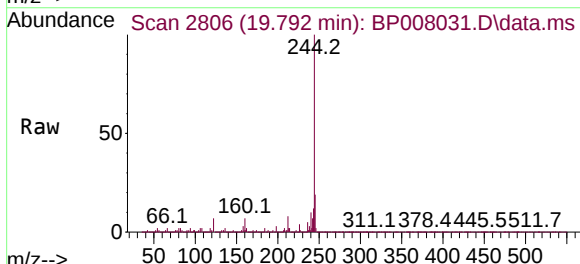
Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

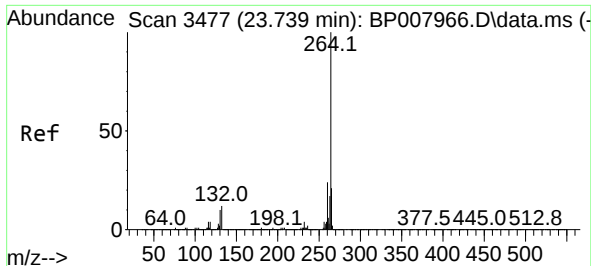
Tgt Ion:240 Resp: 657543  
Ion Ratio Lower Upper  
240 100  
120 7.9 7.8 11.8  
236 25.0 20.6 30.8



#79  
Terphenyl-d14  
Concen: 69.453 ng  
RT: 19.792 min Scan# 2806  
Delta R.T. -0.012 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

Tgt Ion:244 Resp: 2252220  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.2 9.2  
122 7.1 7.8 11.8#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.715 min Scan# 34  
Delta R.T. -0.024 min  
Lab File: BP008031.D  
Acq: 18 Nov 2021 23:32

Instrument :  
BNA\_P  
ClientSampleId :  
2ND-FLOOR-BRICK

Tgt Ion:264 Resp: 776682  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.1  | 28.7  |
| 265 | 21.3  | 16.7  | 25.1  |

