

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103020\  
 Data File : BF122213.D  
 Acq On : 31 Oct 2020 10:40  
 Operator : JU/CG  
 Sample : L4568-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RECLAMATION-PIT

Quant Time: Nov 01 23:51:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 10:16:54 2020  
 Response via : Initial Calibration

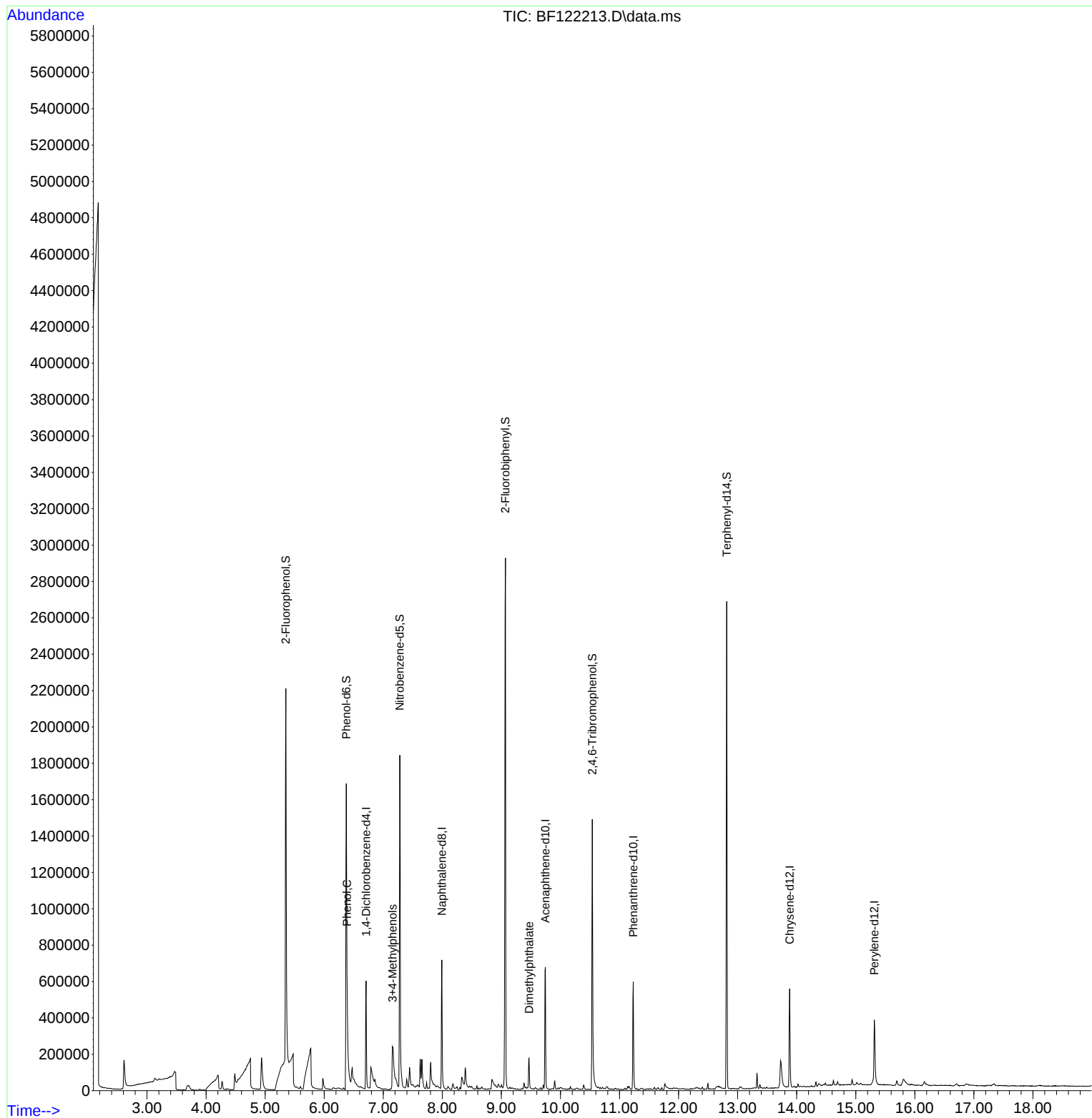
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.710  | 152  | 88298    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.992  | 136  | 322821   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.745  | 164  | 142942   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.233 | 188  | 217942   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.880 | 240  | 195475   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.315 | 264  | 186014   | 20.00  | ng    | 0.01      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.351  | 112  | 682826   | 114.14 | ng    | 0.02      |
| 7) Phenol-d6                | 6.375  | 99   | 750415   | 97.44  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.281  | 82   | 607539   | 96.52  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.539 | 330  | 202916   | 114.76 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.069  | 172  | 952808   | 98.08  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.816 | 244  | 777621   | 75.81  | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 10) Phenol                  | 6.387  | 94   | 56206    | 7.07   | ng    | Qvalue 88 |
| 20) 3+4-Methylphenols       | 7.157  | 107  | 115026   | 18.45  | ng    | # 51      |
| 50) Dimethylphthalate       | 9.469  | 163  | 72281    | 6.92   | ng    | 99        |
| -----                       |        |      |          |        |       |           |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103020\  
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Operator : JU/CG  
Sample : L4568-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RECLAMATION-PIT

Quant Time: Nov 01 23:51:41 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 30 10:16:54 2020  
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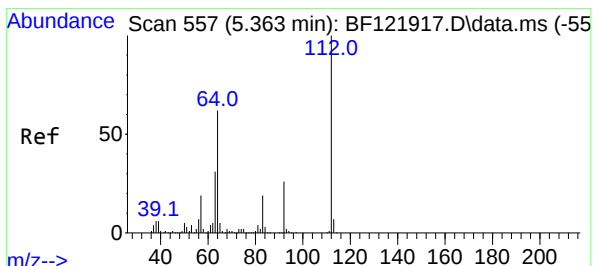
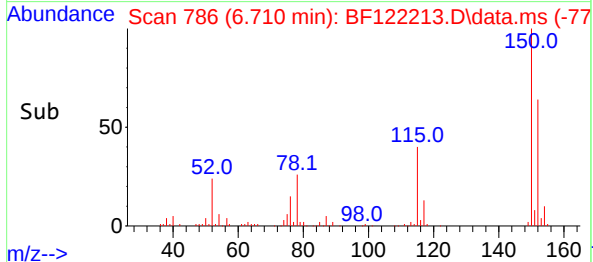
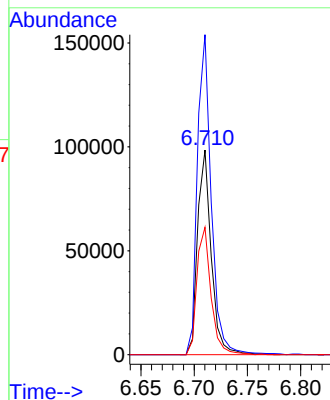
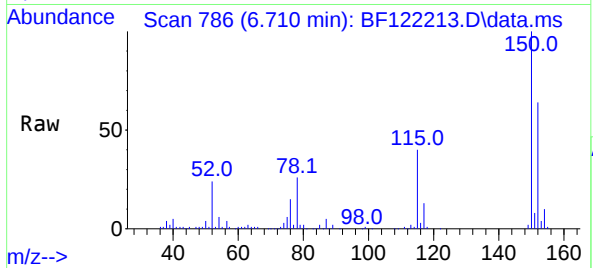




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.710 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

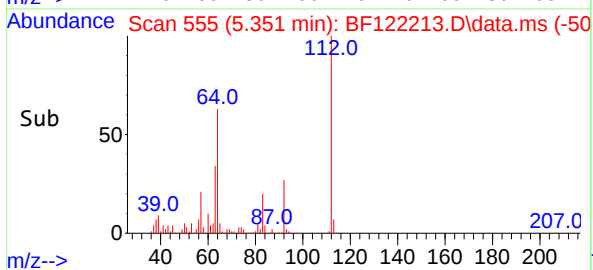
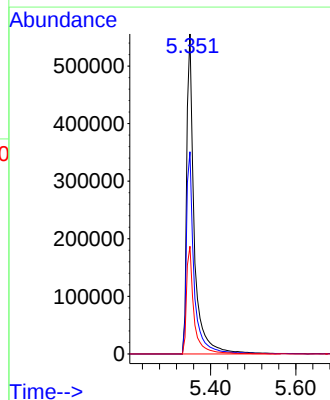
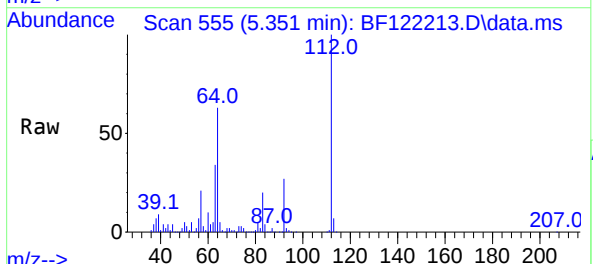
Instrument :  
BNA\_F  
ClientSampleId :  
RECLAMATION-PIT

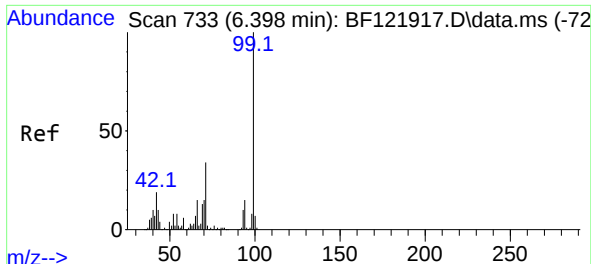
Tgt Ion:152 Resp: 88298  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.3 187.9  
115 62.3 51.9 77.9



#5  
2-Fluorophenol  
Concen: 114.14 ng  
RT: 5.351 min Scan# 555  
Delta R.T. 0.018 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Tgt Ion:112 Resp: 682826  
Ion Ratio Lower Upper  
112 100  
64 63.2 50.4 75.6  
63 33.7 25.8 38.6



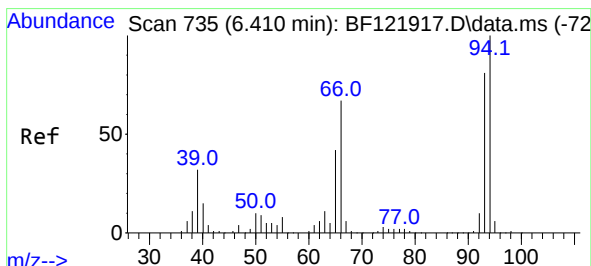
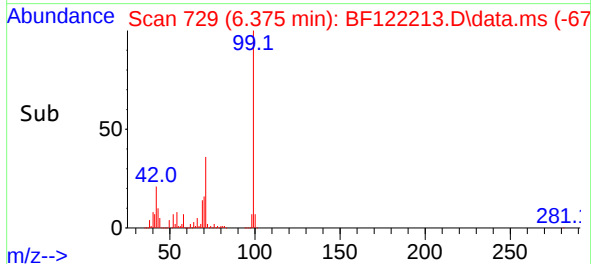
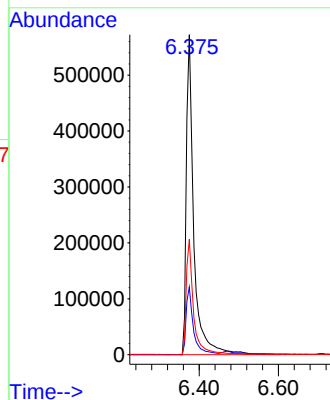
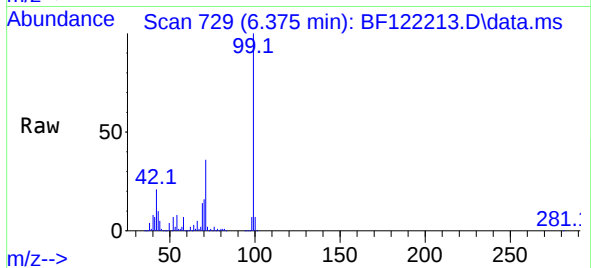


#7  
Phenol-d6  
Concen: 97.44 ng  
RT: 6.375 min Scan# 729  
Delta R.T. 0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Instrument :  
BNA\_F  
ClientSampleId :  
RECLAMATION-PIT

Tgt Ion: 99 Resp: 750415

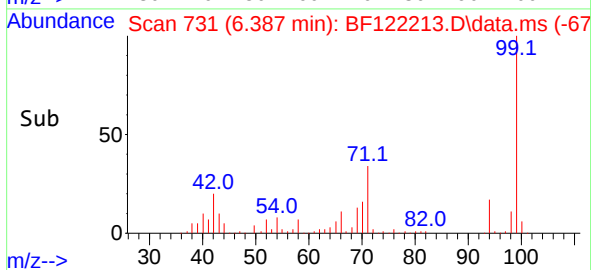
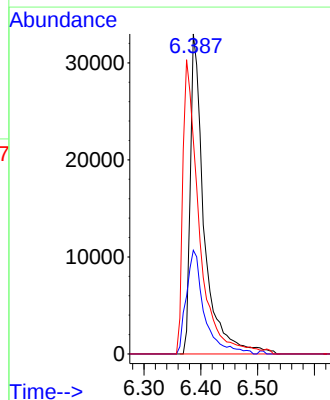
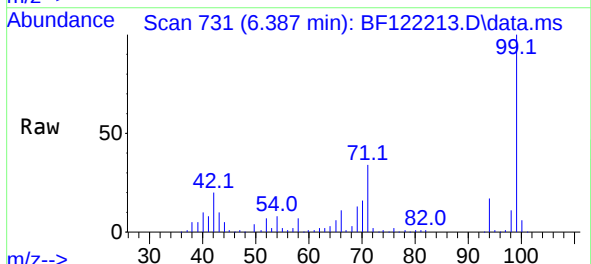
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.2  | 15.9  | 23.9  |
| 71  | 36.1  | 27.1  | 40.7  |

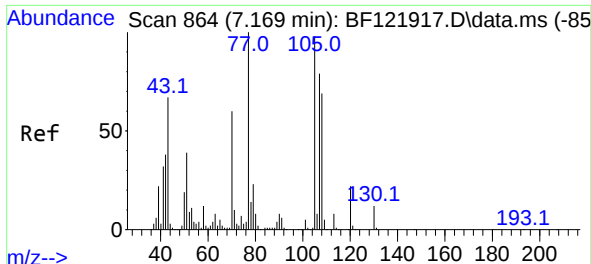


#10  
Phenol  
Concen: 7.07 ng  
RT: 6.387 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Tgt Ion: 94 Resp: 56206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 32.4  | 17.1  | 57.1  |
| 66  | 66.9  | 36.0  | 76.0  |



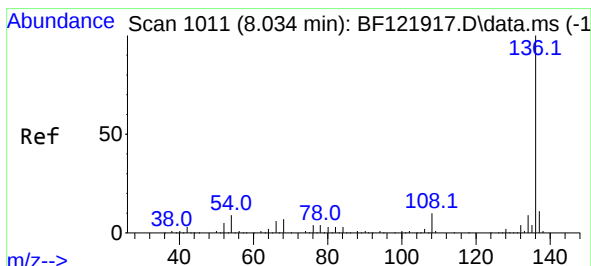
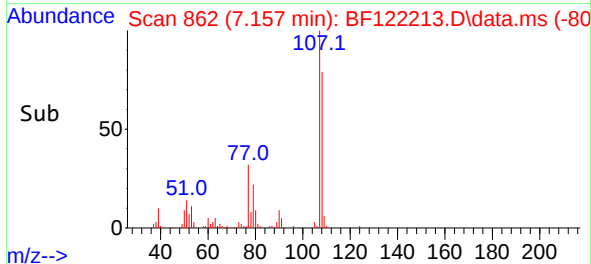
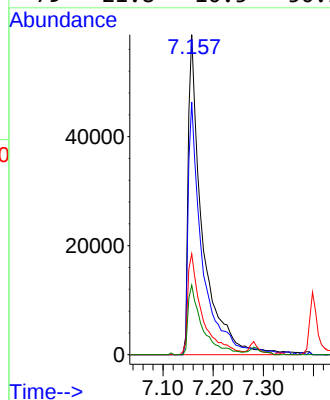
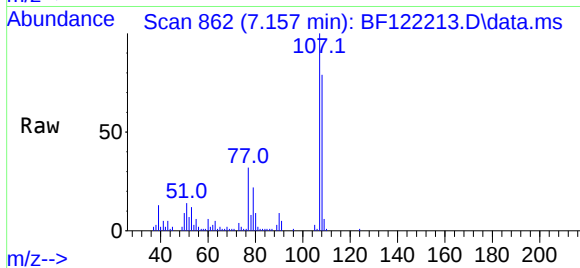


#20  
3+4-Methylphenols  
Concen: 18.45 ng  
RT: 7.157 min Scan# 862  
Delta R.T. 0.012 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Instrument :  
BNA\_F  
ClientSampleId :  
RECLAMATION-PIT

Tgt Ion:107 Resp: 115026

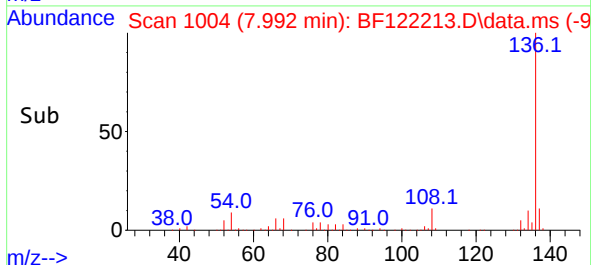
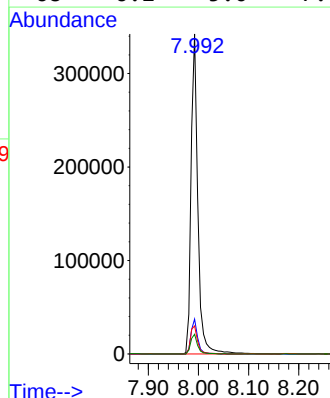
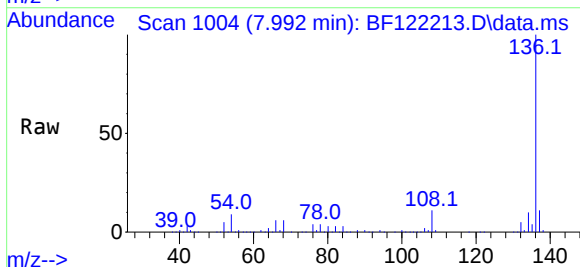
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 79.0  | 68.9  | 108.9  |
| 77  | 31.5  | 108.0 | 148.0# |
| 79  | 21.8  | 10.5  | 50.5   |

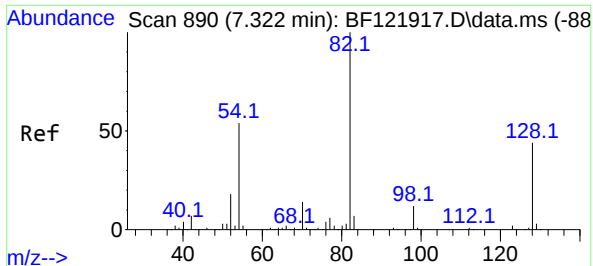


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.992 min Scan# 1004  
Delta R.T. -0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Tgt Ion:136 Resp: 322821

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 8.7   | 7.1   | 10.7  |
| 68  | 6.2   | 5.0   | 7.4   |



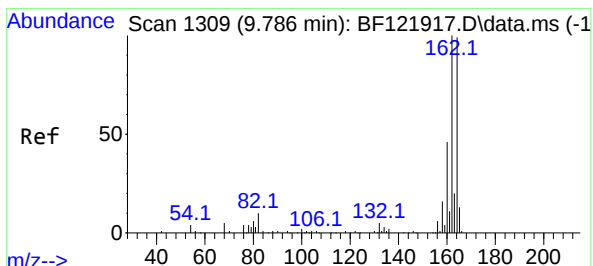
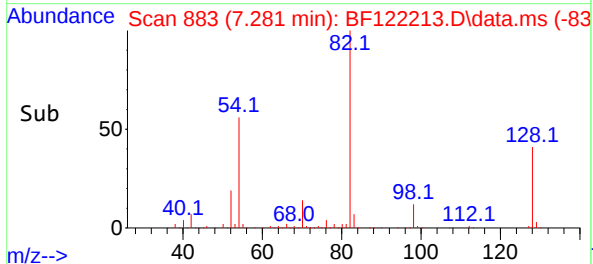
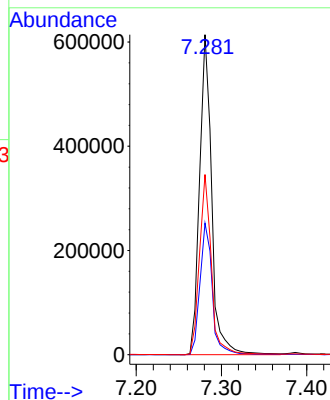
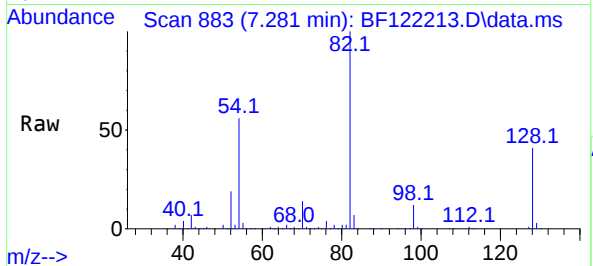


#23  
Nitrobenzene-d5  
Concen: 96.52 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Instrument :  
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ClientSampleId :  
RECLAMATION-PIT

Tgt Ion: 82 Resp: 607539

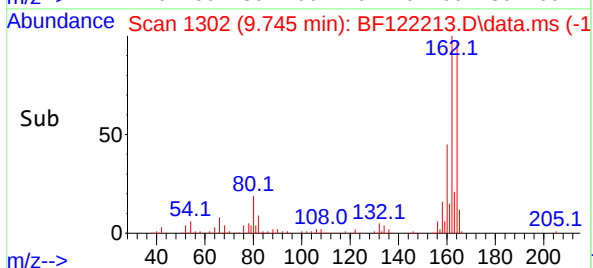
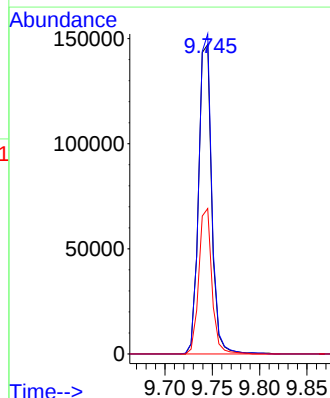
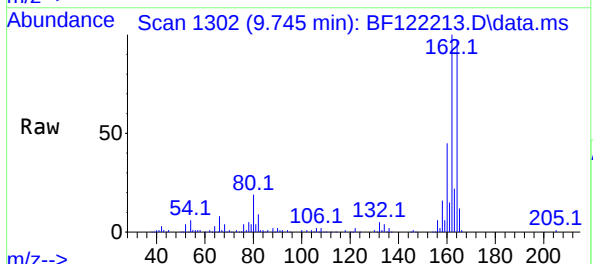
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.1  | 35.0  | 52.4  |
| 54  | 56.3  | 43.9  | 65.9  |

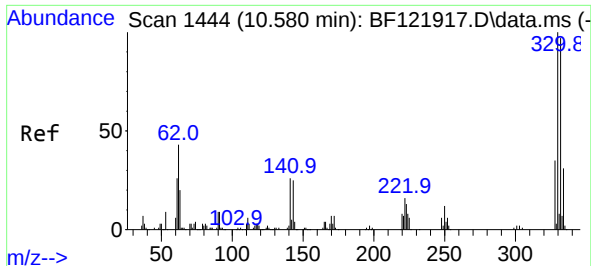


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.745 min Scan# 1302  
Delta R.T. -0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Tgt Ion: 164 Resp: 142942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.4 | 83.2  | 124.8 |
| 160 | 47.0  | 37.5  | 56.3  |

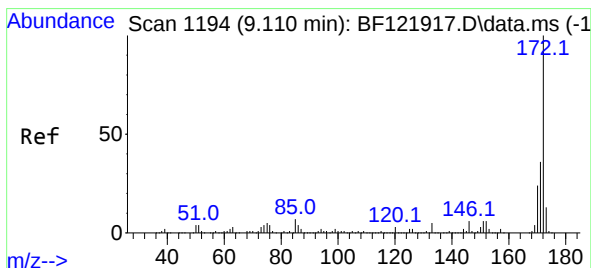
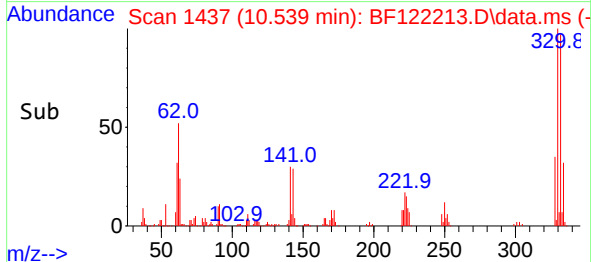
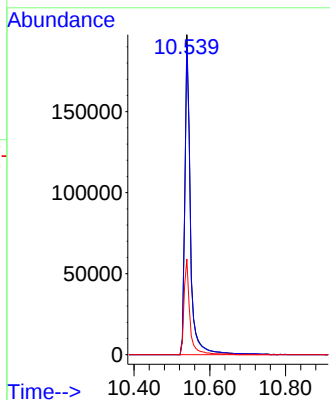
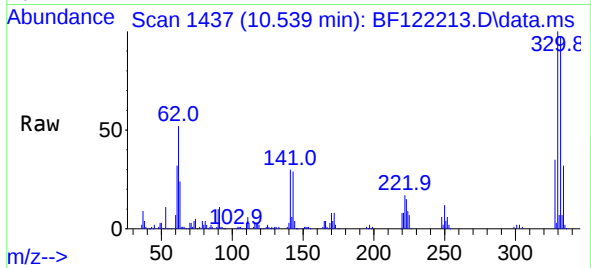




#42  
2,4,6-Tribromophenol  
Concen: 114.76 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. -0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

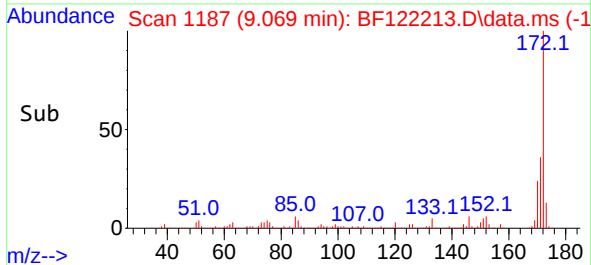
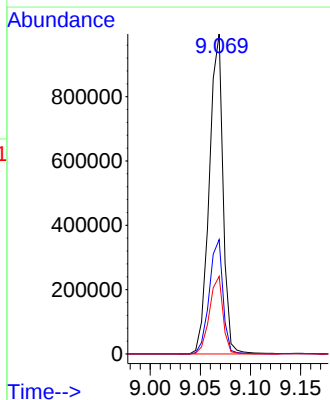
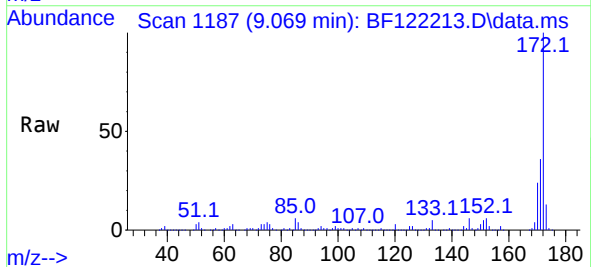
Instrument :  
BNA\_F  
ClientSampleId :  
RECLAMATION-PIT

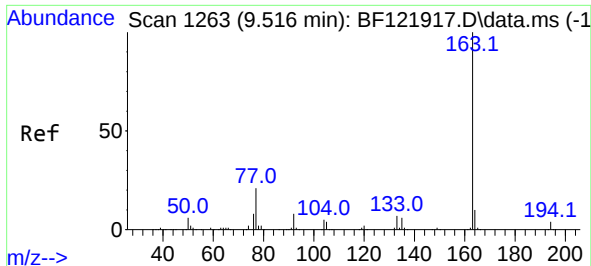
Tgt Ion:330 Resp: 202916  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.3 115.9  
141 30.6 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 98.08 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Tgt Ion:172 Resp: 952808  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.1 43.7  
170 24.3 19.8 29.6



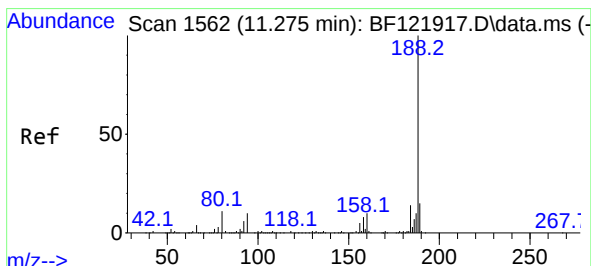
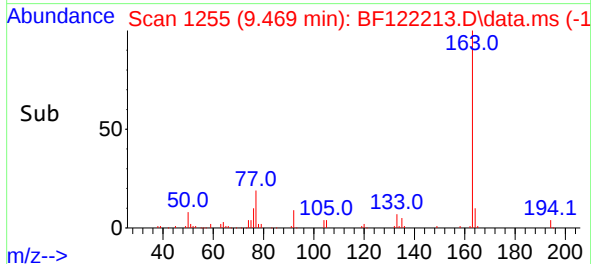
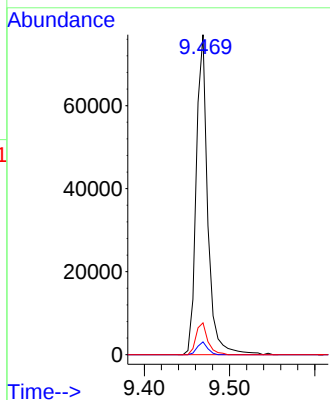
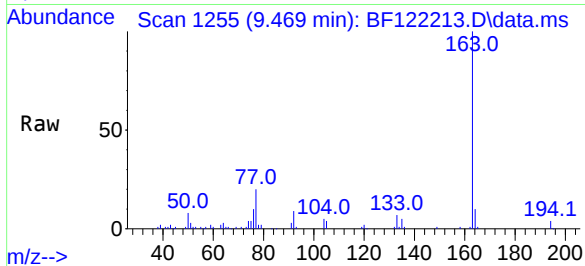


#50  
Dimethylphthalate  
Concen: 6.92 ng  
RT: 9.469 min Scan# 1255  
Delta R.T. -0.012 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Instrument :  
BNA\_F  
ClientSampleId :  
RECLAMATION-PIT

Tgt Ion:163 Resp: 72281

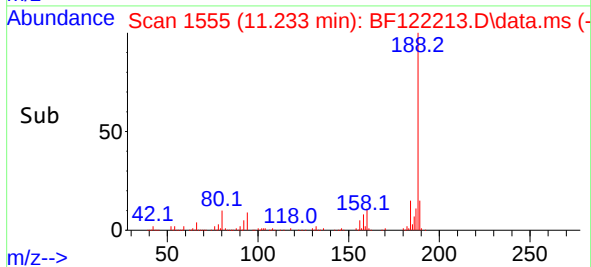
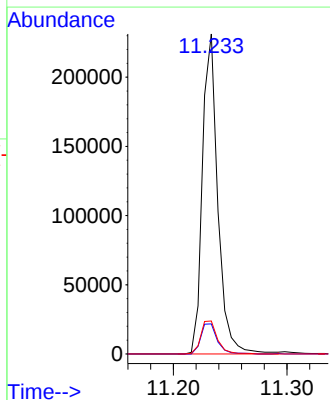
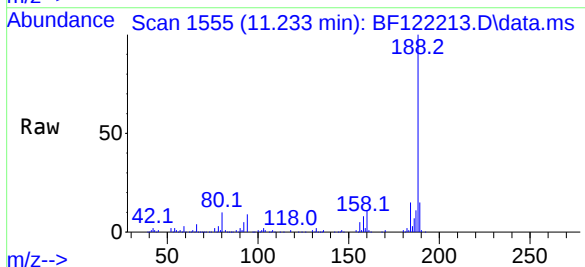
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.0   | 3.3   | 4.9   |
| 164 | 9.9   | 8.2   | 12.4  |

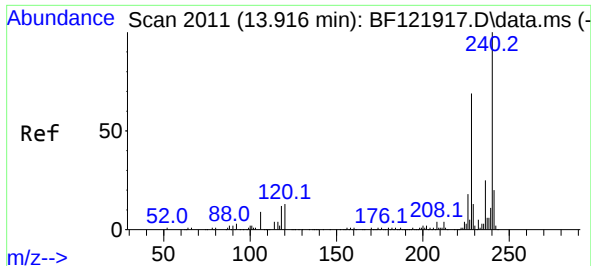


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.233 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Tgt Ion:188 Resp: 217942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.4   | 8.3   | 12.5  |
| 80  | 10.3  | 9.1   | 13.7  |

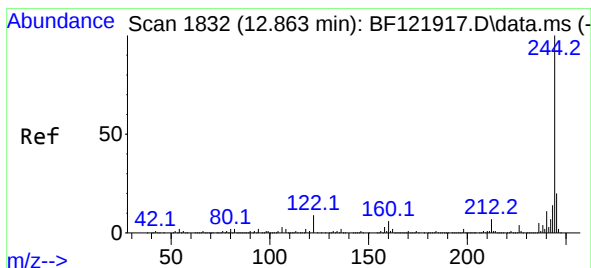
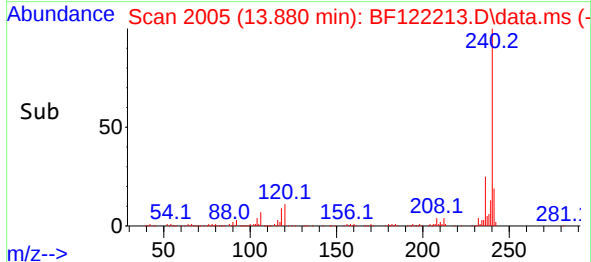
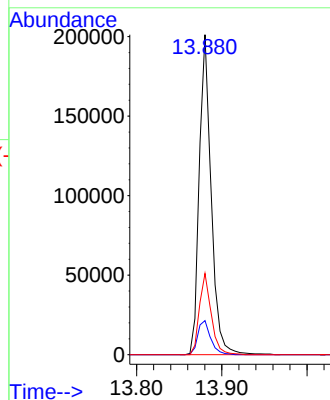
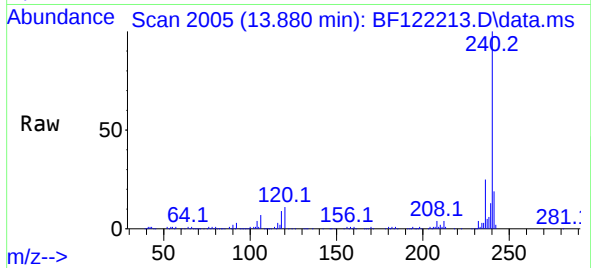




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. -0.000 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

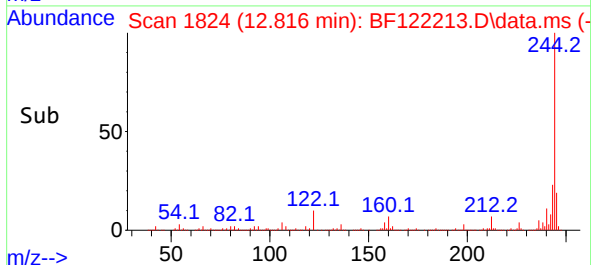
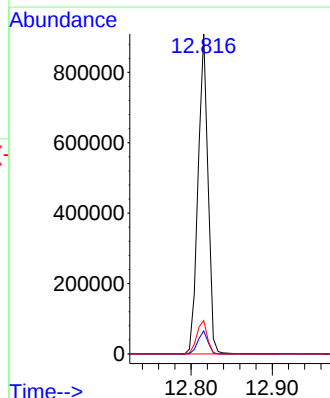
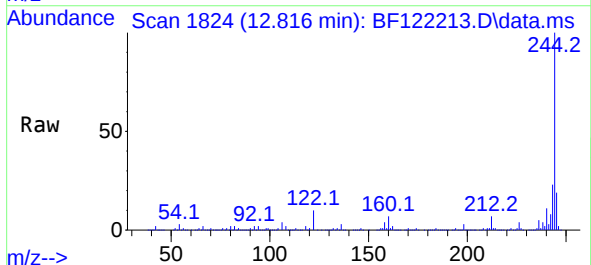
Instrument :  
BNA\_F  
ClientSampleId :  
RECLAMATION-PIT

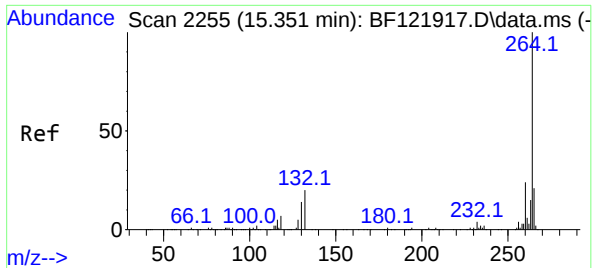
Tgt Ion:240 Resp: 195475  
Ion Ratio Lower Upper  
240 100  
120 10.7 9.2 13.8  
236 25.4 20.9 31.3



#79  
Terphenyl-d14  
Concen: 75.81 ng  
RT: 12.816 min Scan# 1824  
Delta R.T. -0.000 min  
Lab File: BF122213.D  
Acq: 31 Oct 2020 10:40

Tgt Ion:244 Resp: 777621  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.4 8.2  
122 10.4 8.1 12.1





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.315 min Scan# 2249  
 Delta R.T. 0.012 min  
 Lab File: BF122213.D  
 Acq: 31 Oct 2020 10:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RECLAMATION-PIT

Tgt Ion:264 Resp: 186014  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.7 28.1  
 265 21.9 17.3 25.9

