

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112520\  
 Data File : BP004098.D  
 Acq On : 25 Nov 2020 15:28  
 Operator : CG/JU  
 Sample : PB133255TB  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB133255TB

Quant Time: Nov 25 16:38:38 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 16:42:41 2020  
 Response via : Initial Calibration

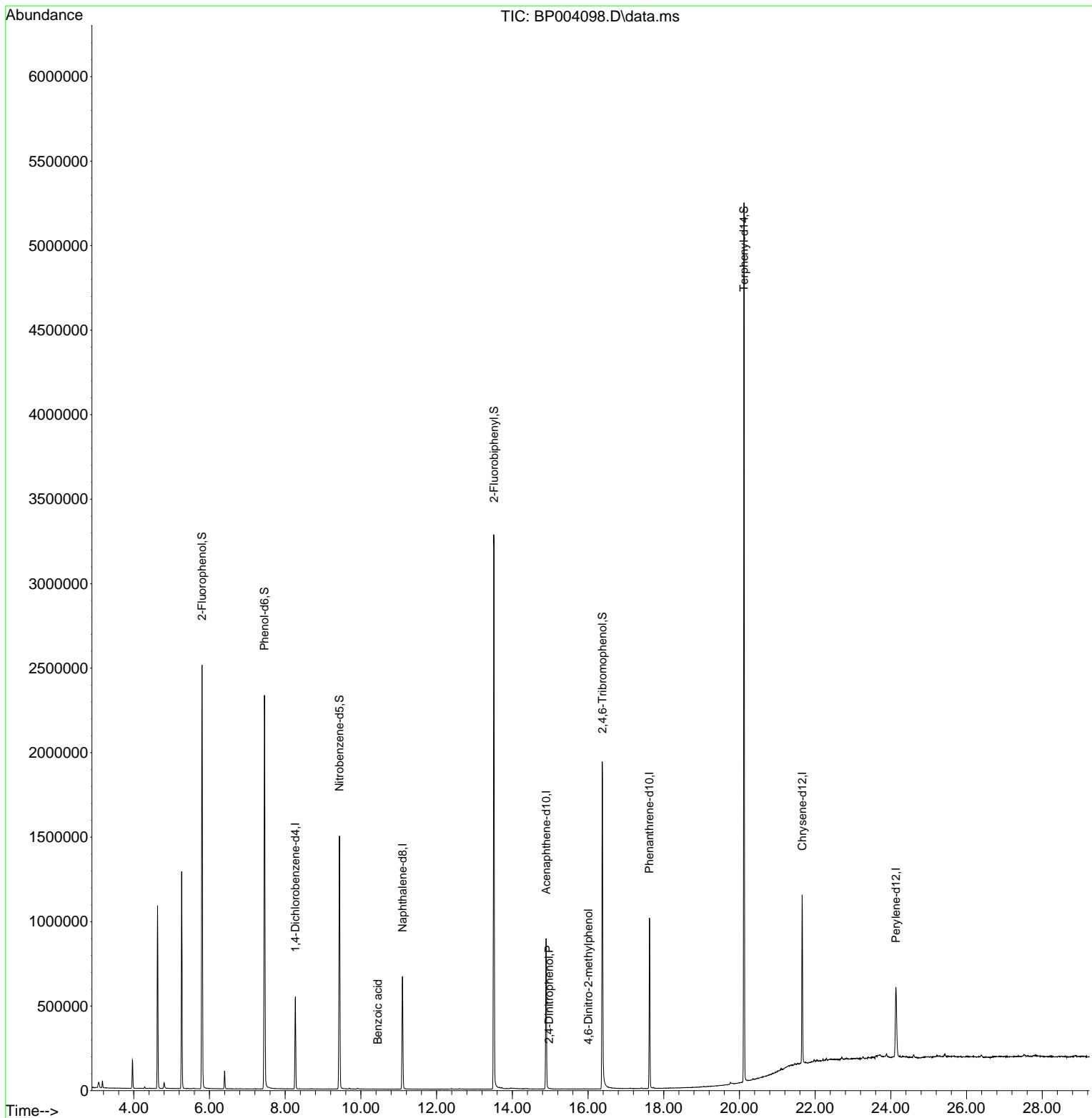
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.269  | 152  | 148175   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.098 | 136  | 538700   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.892 | 164  | 304833   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.622 | 188  | 622191   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.657 | 240  | 514609   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.133 | 264  | 271855   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.805  | 112  | 1057281  | 119.09    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.452  | 99   | 1300441  | 102.04    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.434  | 82   | 847191   | 77.02     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.381 | 330  | 415736   | 109.04    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.516 | 172  | 1767523  | 81.06     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.122 | 244  | 2144753  | 80.52     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 9) Benzaldehyde               | 7.387  | 77   | 177      | Below Cal | #     | 60       |
| 32) Benzoic acid              | 10.446 | 122  | 35       | 8.31      | ng    | # 1      |
| 54) 2,4-Dinitrophenol         | 14.969 | 184  | 25       | 2.74      | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 16.010 | 198  | 13       | 6.35      | ng    | # 1      |

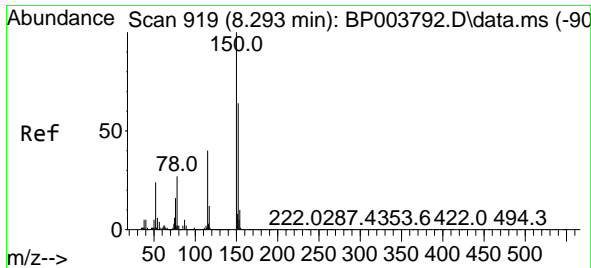
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112520\  
 Data File : BP004098.D  
 Acq On : 25 Nov 2020 15:28  
 Operator : CG/JU  
 Sample : PB133255TB  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB133255TB

Quant Time: Nov 25 16:38:38 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 16:42:41 2020  
 Response via : Initial Calibration

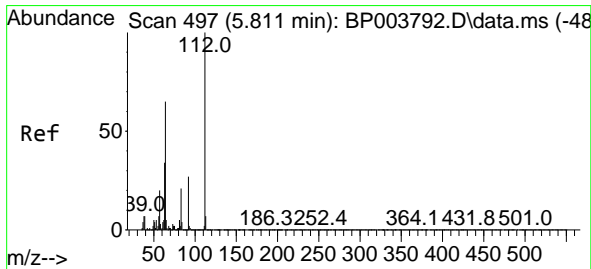
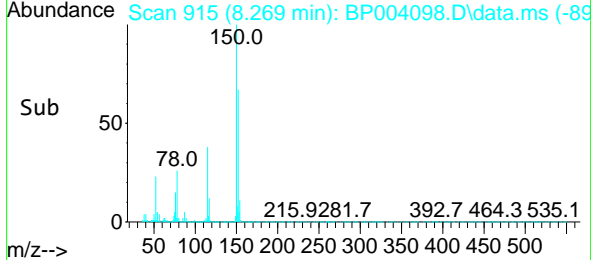
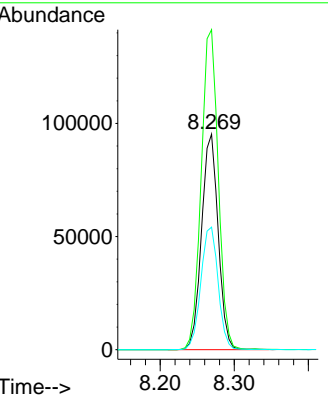
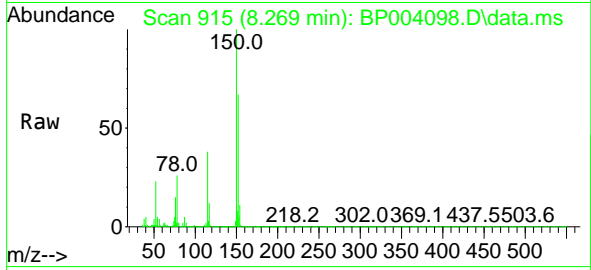




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 8.269 min Scan# 915  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

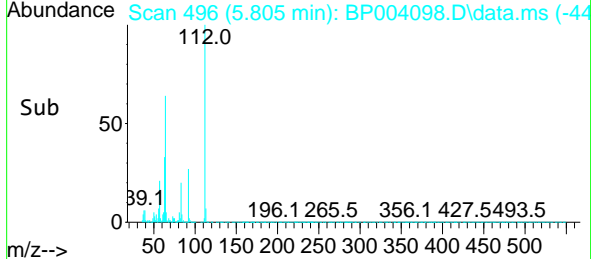
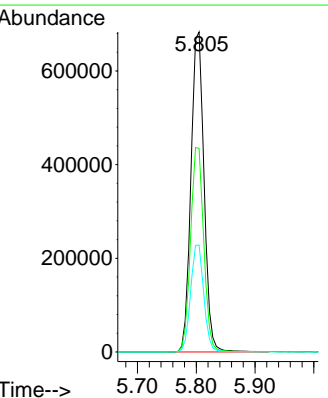
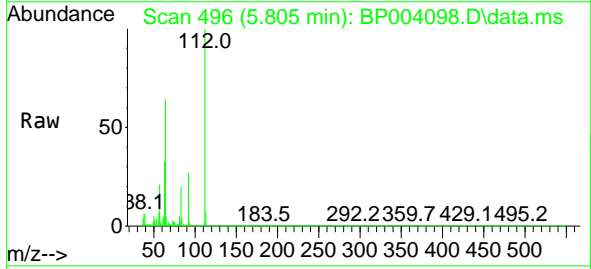
Instrument :  
 BNA\_P  
 ClientSampled :  
 PB133255TB

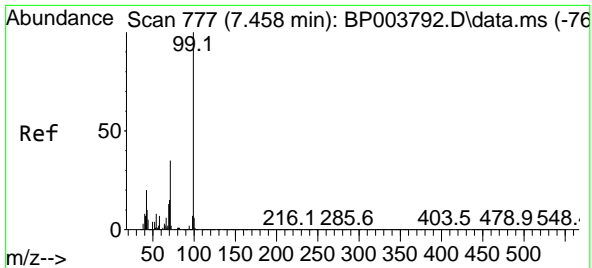
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.5 | 123.8 | 185.6 |
| 115     | 56.8  | 43.8  | 65.6  |



#5  
 2-Fluorophenol  
 Concen: 119.09 ng  
 RT: 5.805 min Scan# 496  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

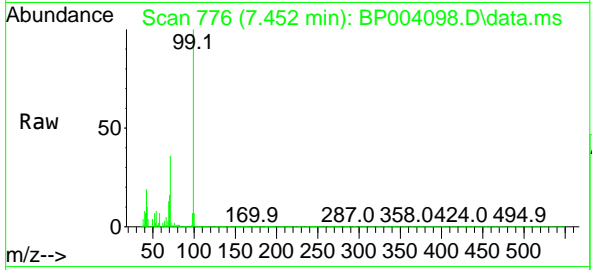
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 112     | 100  |       |       |
| 64      | 63.6 | 32.8  | 49.2# |
| 63      | 33.4 | 17.0  | 25.4# |





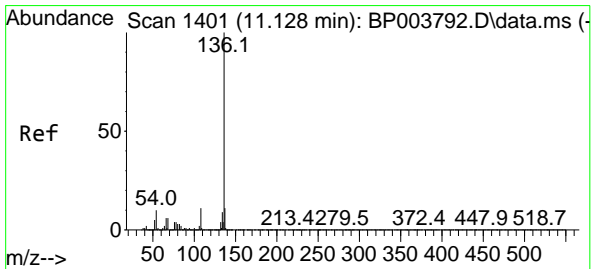
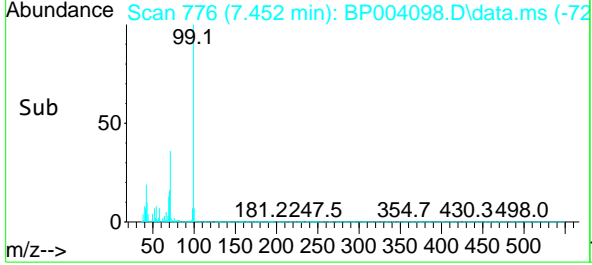
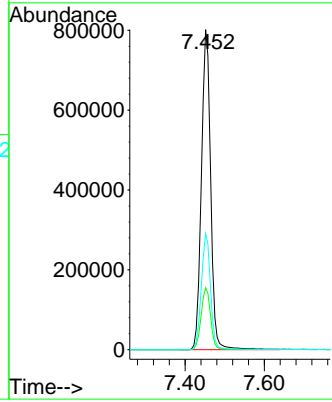
#7  
 Phenol-d6  
 Concen: 102.04 ng  
 RT: 7.452 min Scan# 776  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 PB133255TB

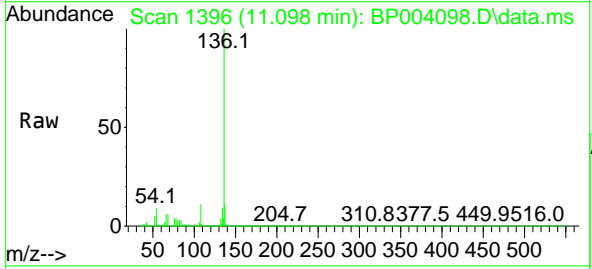


Tgt Ion: 99 Resp: 1300441

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.4  | 8.6   | 13.0# |
| 71  | 36.3  | 23.4  | 35.2# |

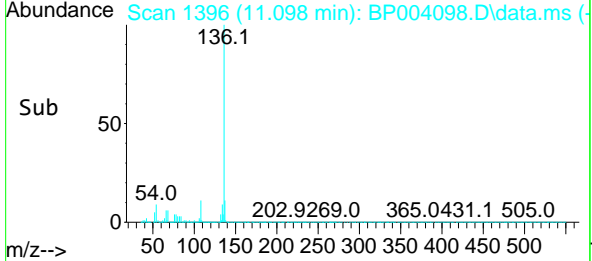
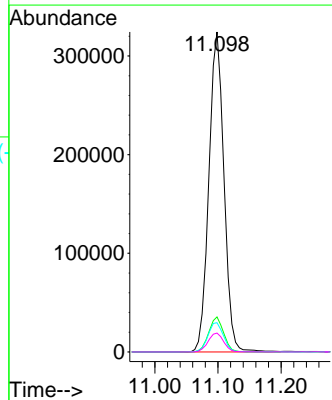


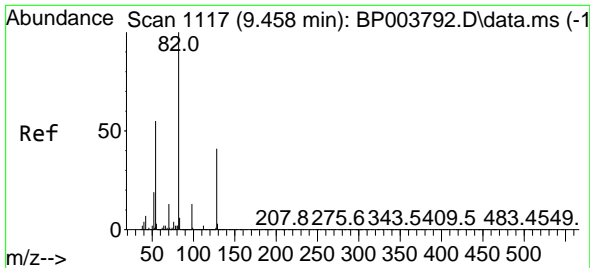
#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 11.098 min Scan# 1396  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28



Tgt Ion: 136 Resp: 538700

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 9.2   | 3.6   | 5.4#  |
| 68  | 5.9   | 3.3   | 4.9#  |

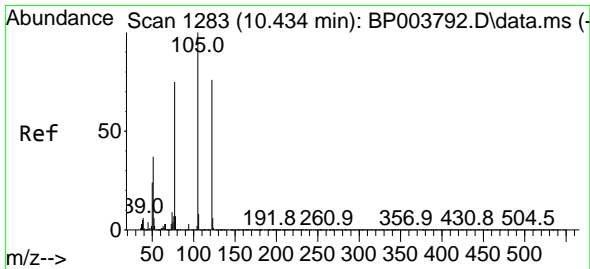
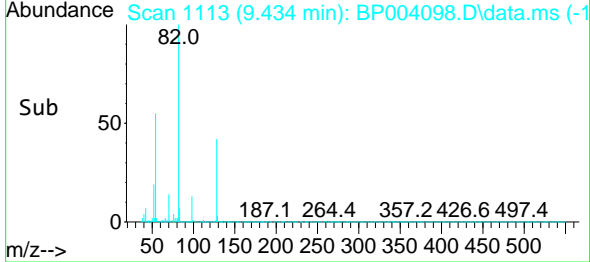
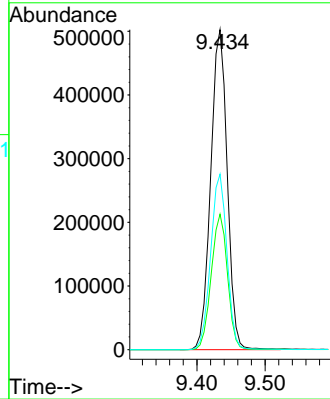
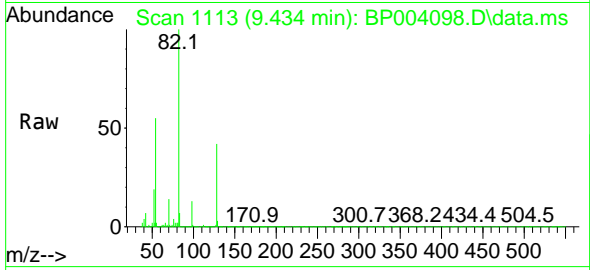




#23  
 Nitrobenzene-d5  
 Concen: 77.02 ng  
 RT: 9.434 min Scan# 1113  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

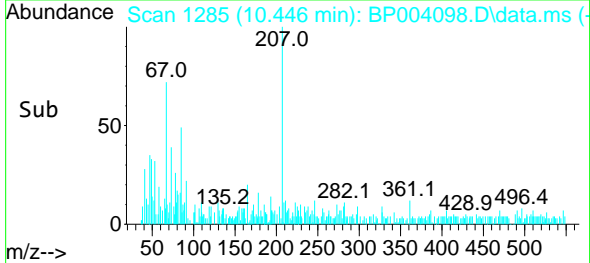
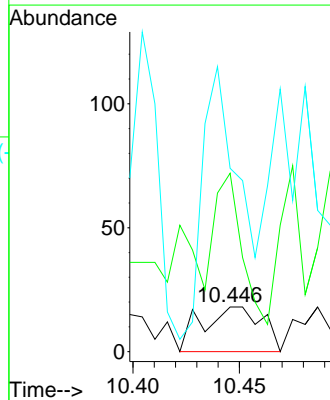
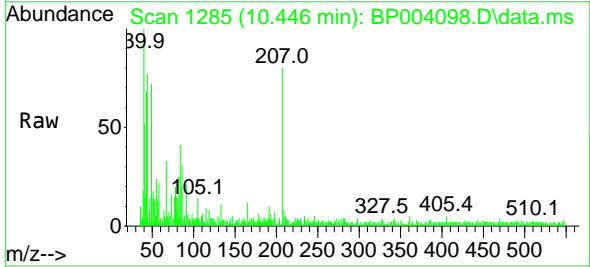
Instrument :  
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 ClientSampleId :  
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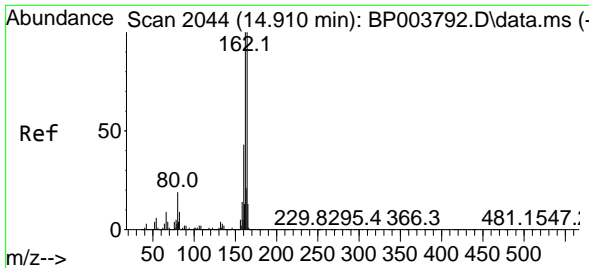
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 82      | 847191 |       |       |
| 128     | 42.4   | 45.6  | 68.4# |
| 54      | 54.8   | 30.1  | 45.1# |



#32  
 Benzoic acid  
 Concen: 8.31 ng  
 RT: 10.446 min Scan# 1285  
 Delta R.T. -0.012 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

| Tgt Ion | Resp  | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 400.0 | 94.1  | 134.1# |
| 77      | 411.1 | 50.1  | 90.1#  |

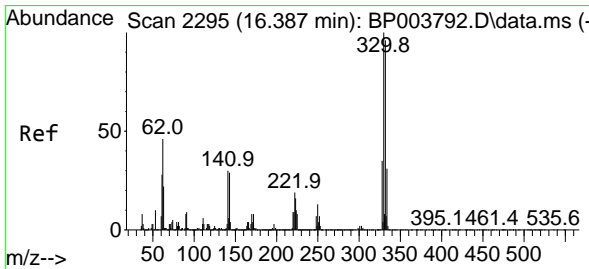
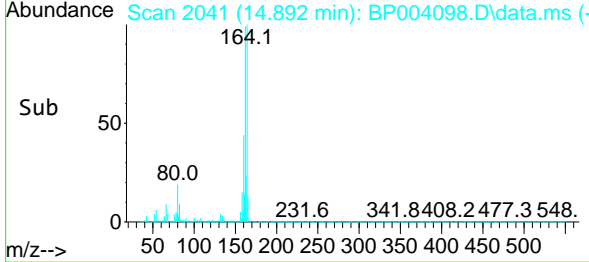
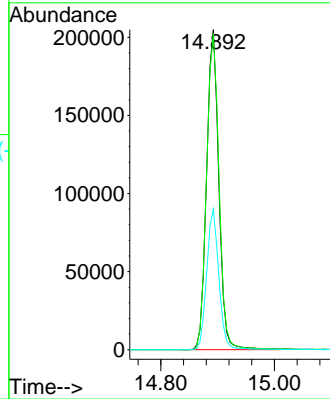
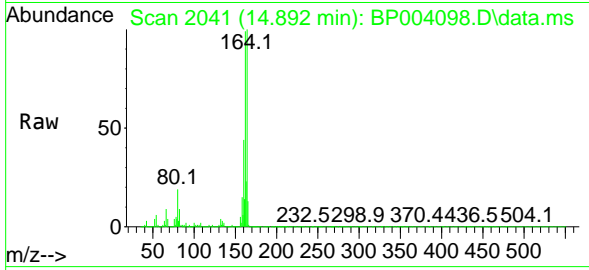




#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.892 min Scan# 2041  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

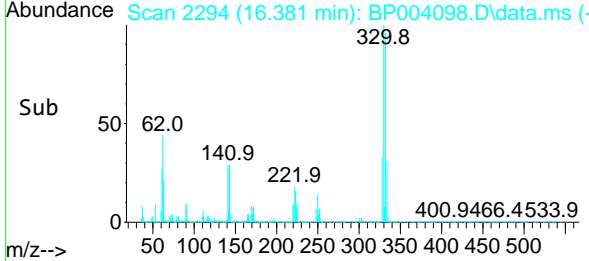
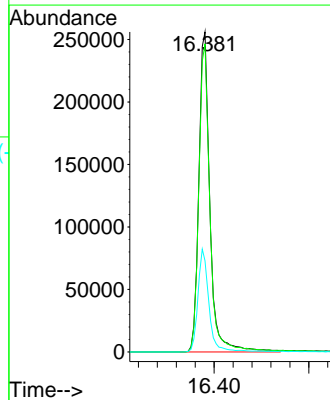
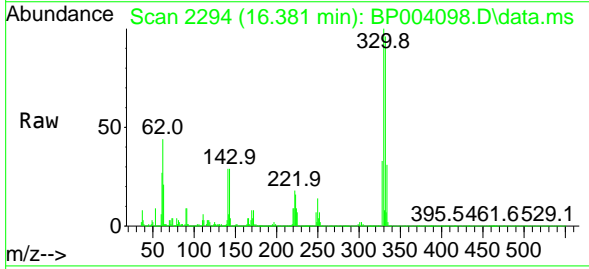
**Instrument :**  
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**ClientSampled :**  
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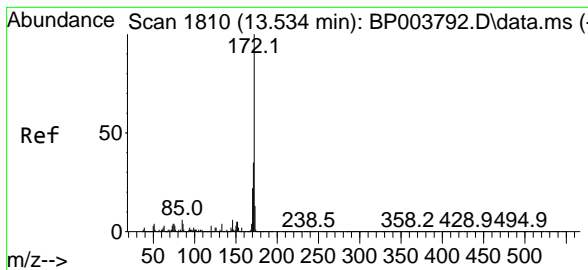
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 164     | 100  |       |       |
| 162     | 98.7 | 79.4  | 119.2 |
| 160     | 43.9 | 36.1  | 54.1  |



#42  
 2,4,6-Tribromophenol  
 Concen: 109.04 ng  
 RT: 16.381 min Scan# 2294  
 Delta R.T. 0.006 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 330     | 100  |       |       |
| 332     | 96.6 | 77.1  | 115.7 |
| 141     | 32.2 | 23.4  | 35.2  |

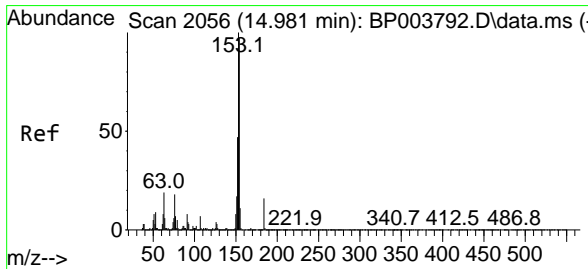
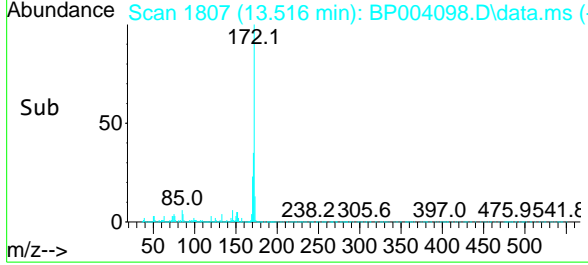
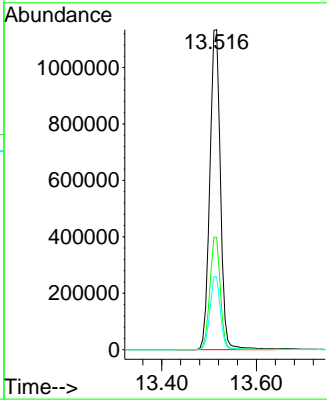
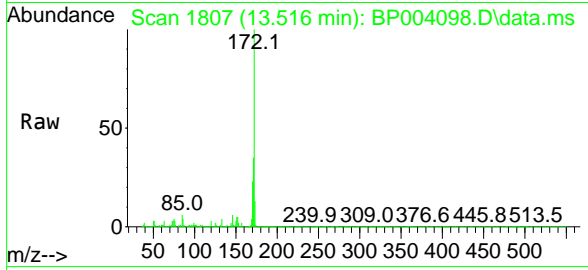




#45  
 2-Fluorobiphenyl  
 Concen: 81.06 ng  
 RT: 13.516 min Scan# 1807  
 Delta R.T. 0.006 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

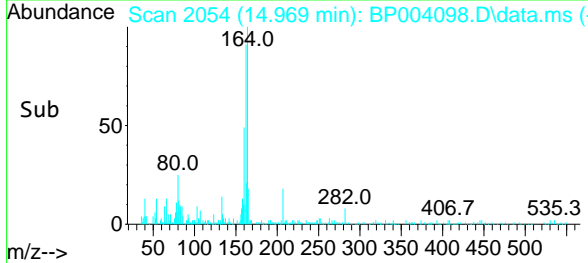
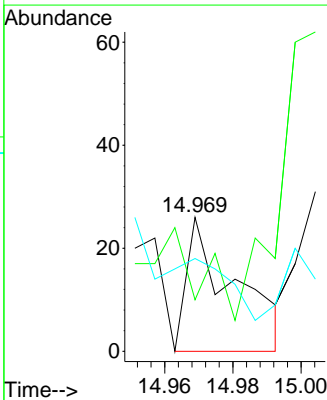
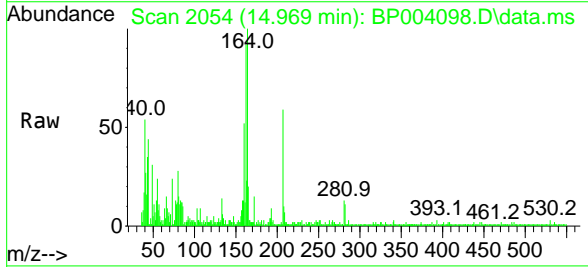
**Instrument :**  
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**ClientSampled :**  
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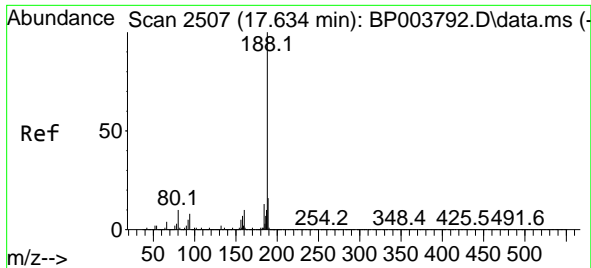
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 172     | 100  |       |       |
| 171     | 35.1 | 28.5  | 42.7  |
| 170     | 22.8 | 19.2  | 28.8  |



#54  
 2,4-Dinitrophenol  
 Concen: 2.74 ng  
 RT: 14.969 min Scan# 2054  
 Delta R.T. -0.023 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 184     | 100  |       |       |
| 63      | 38.5 | 32.3  | 48.5  |
| 154     | 69.2 | 49.1  | 73.7  |

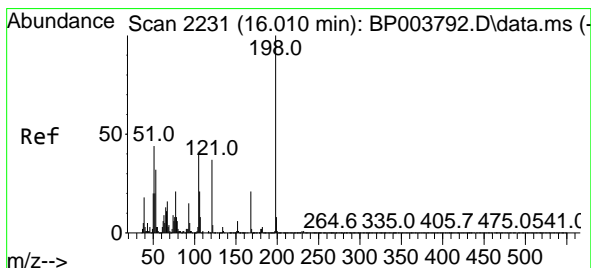
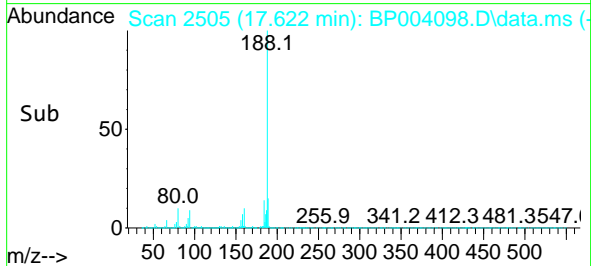
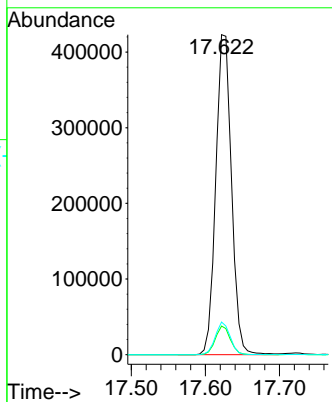
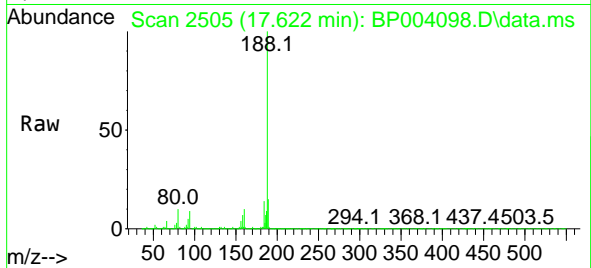




#64  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.622 min Scan# 2505  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

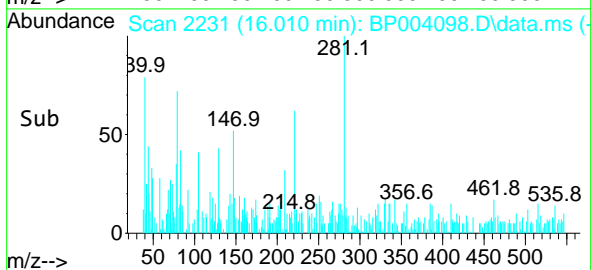
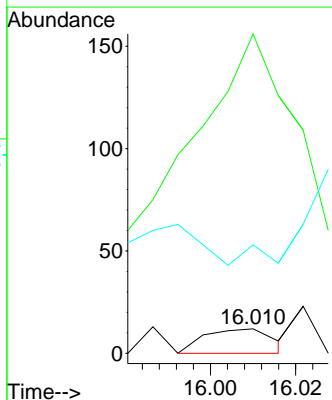
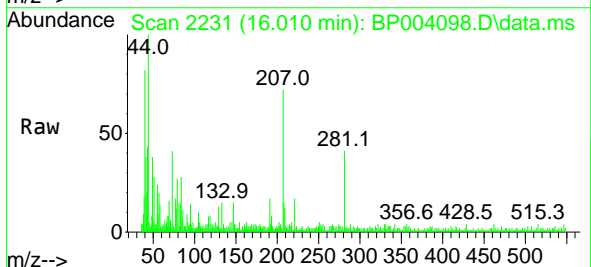
**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 PB133255TB

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 188     | 622191 |       |       |
| 94      | 9.0    | 6.2   | 9.2   |
| 80      | 10.2   | 6.2   | 9.2#  |

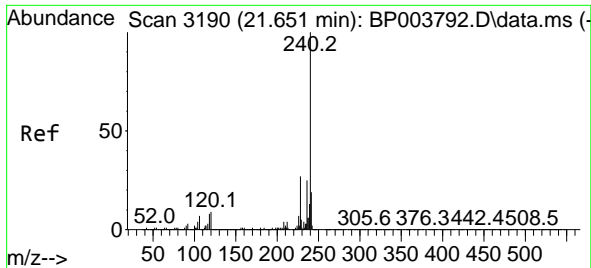


#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 6.35 ng  
 RT: 16.010 min Scan# 2231  
 Delta R.T. -0.006 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 13    |       |       |
| 51      | 503.2 | 6.4   | 46.4# |
| 105     | 171.0 | 18.9  | 58.9# |



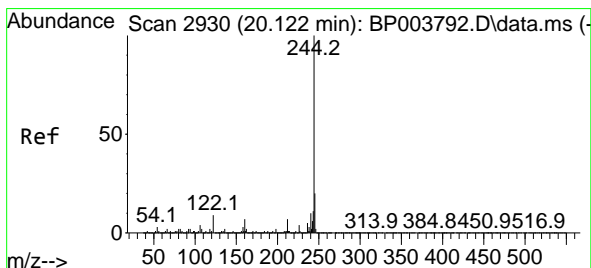
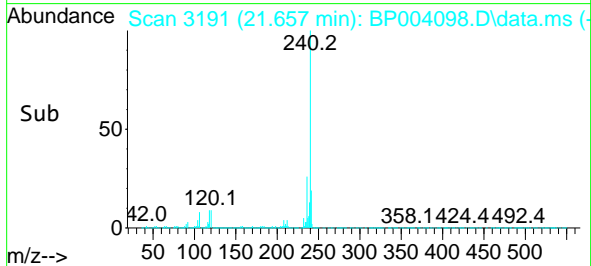
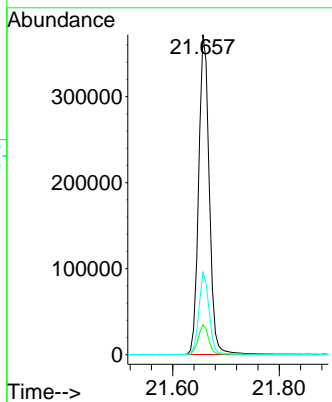
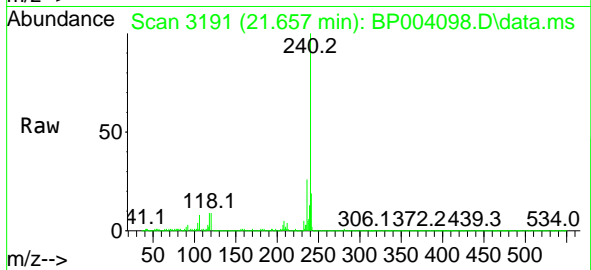




#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.657 min Scan# 3191  
 Delta R.T. -0.006 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

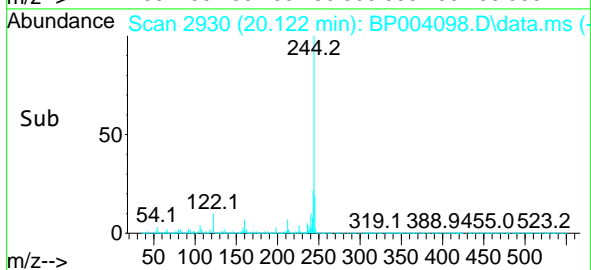
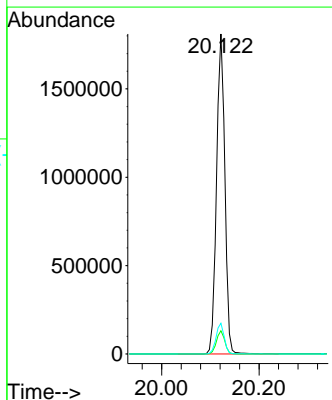
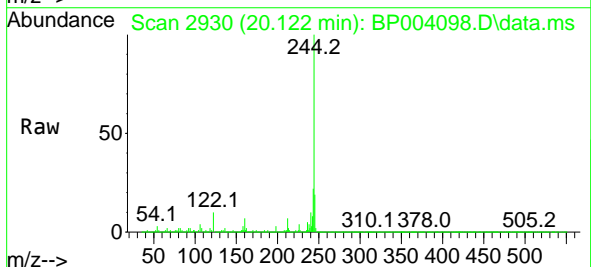
**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 PB133255TB

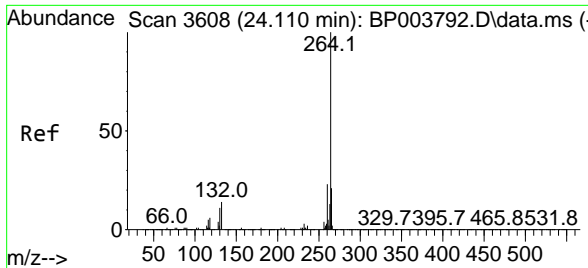
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 240     | 100  |       |       |
| 120     | 9.3  | 7.8   | 11.6  |
| 236     | 25.7 | 20.8  | 31.2  |



#79  
 Terphenyl-d14  
 Concen: 80.52 ng  
 RT: 20.122 min Scan# 2930  
 Delta R.T. 0.000 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 244     | 100  |       |       |
| 212     | 7.2  | 5.8   | 8.6   |
| 122     | 9.6  | 7.8   | 11.8  |





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.133 min Scan# 3612  
 Delta R.T. 0.006 min  
 Lab File: BP004098.D  
 Acq: 25 Nov 2020 15:28

**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 PB133255TB

Tgt Ion:264 Resp: 271855

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.3  | 18.8  | 28.2  |
| 265 | 21.5  | 17.4  | 26.2  |

