

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060821\  
 Data File : BP005802.D  
 Acq On : 09 Jun 2021 08:43  
 Operator : CG/JU  
 Sample : M2589-27  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B9(0-2)

Quant Time: Jun 09 09:35:29 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 09 02:47:38 2021  
 Response via : Initial Calibration

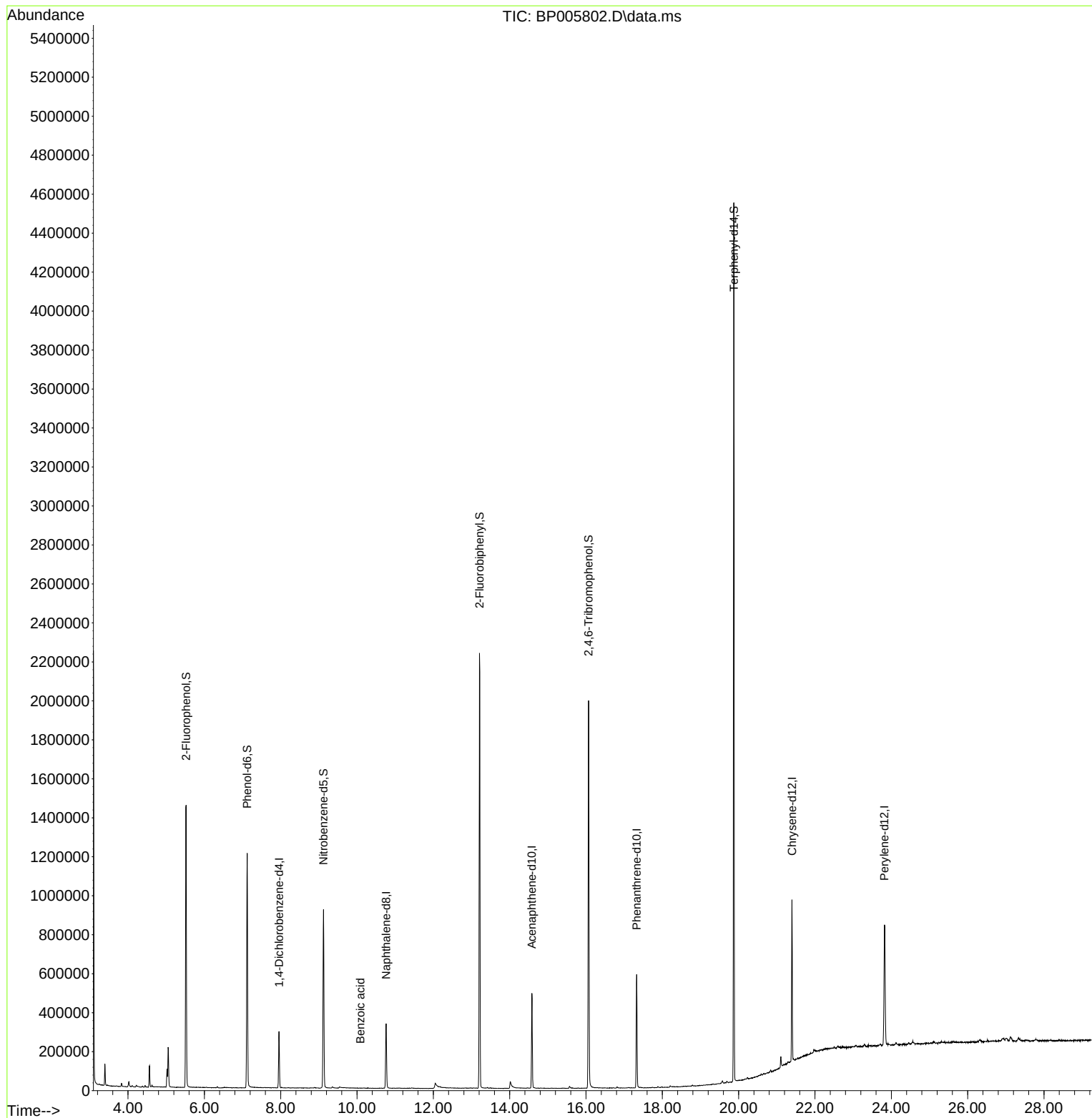
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|--------|------|----------|--------|-------|---------------|
| -----                       |        |      |          |        |       |               |
| Internal Standards          |        |      |          |        |       |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.958  | 152  | 76308    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.763 | 136  | 277277   | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 14.581 | 164  | 167646   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 17.328 | 188  | 347472   | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 21.398 | 240  | 409155   | 20.00  | ng    | 0.00          |
| 86) Perylene-d12            | 23.821 | 264  | 484805   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |        |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.522  | 112  | 635396   | 133.61 | ng    | 0.00          |
| 7) Phenol-d6                | 7.122  | 99   | 663573   | 107.66 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.122  | 82   | 526897   | 93.16  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 16.069 | 330  | 397235   | 138.08 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 13.210 | 172  | 1144085  | 89.61  | ng    | 0.00          |
| 79) Terphenyl-d14           | 19.875 | 244  | 1924538  | 88.08  | ng    | 0.00          |
| Target Compounds            |        |      |          |        |       |               |
| 32) Benzoic acid            | 10.087 | 122  | 16       | 6.32   | ng    | Qvalue<br># 1 |
| -----                       |        |      |          |        |       |               |

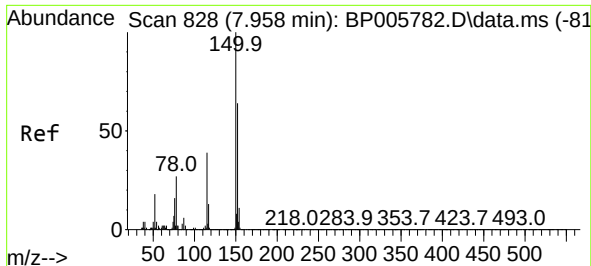
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060821\  
Data File : BP005802.D  
Acq On : 09 Jun 2021 08:43  
Operator : CG/JU  
Sample : M2589-27  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
18-B9(0-2)

Quant Time: Jun 09 09:35:29 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 09 02:47:38 2021  
Response via : Initial Calibration

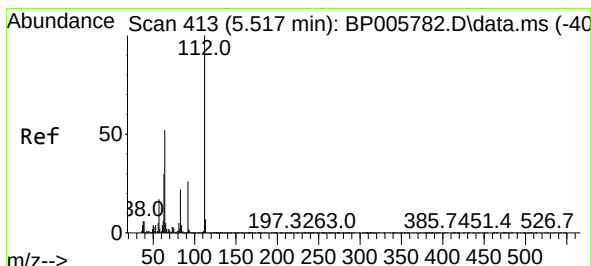
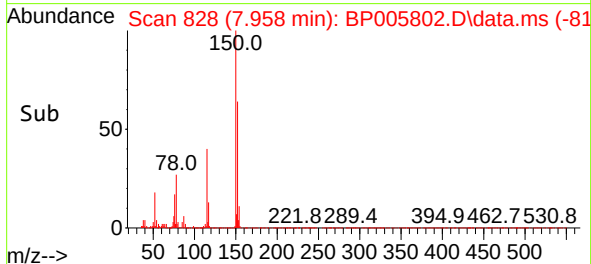
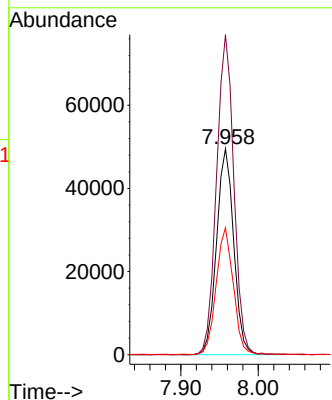
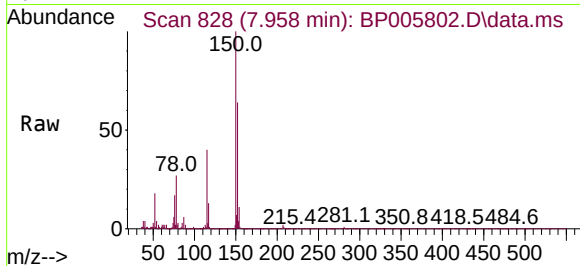




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.958 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

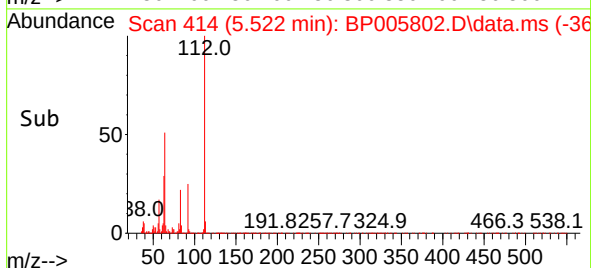
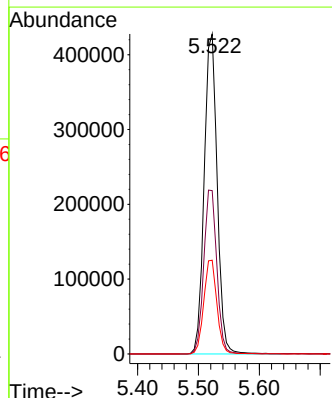
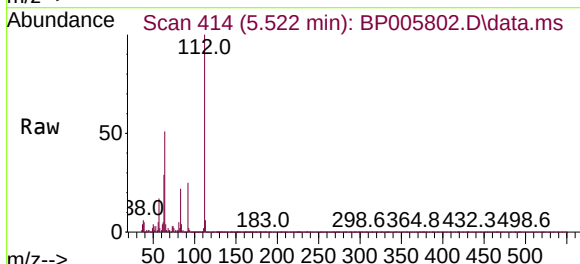
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BNA\_P  
ClientSampleId :  
18-B9(0-2)

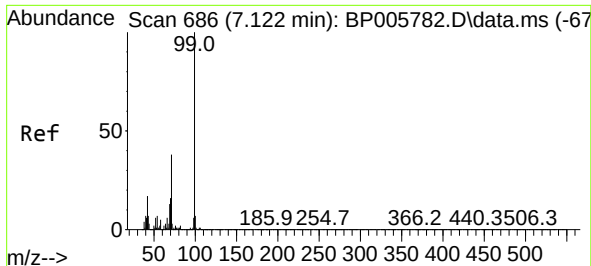
Tgt Ion:152 Resp: 76308  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.6 188.4  
115 61.6 48.5 72.7



#5  
2-Fluorophenol  
Concen: 133.61 ng  
RT: 5.522 min Scan# 414  
Delta R.T. 0.005 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

Tgt Ion:112 Resp: 635396  
Ion Ratio Lower Upper  
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64 51.1 41.4 62.2  
63 29.3 23.8 35.8

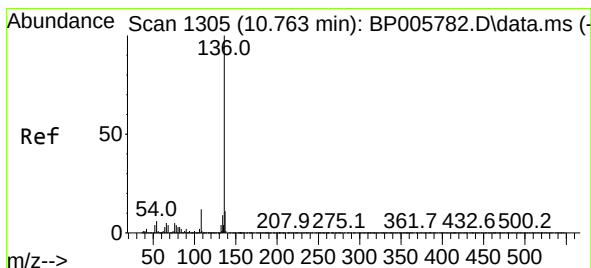
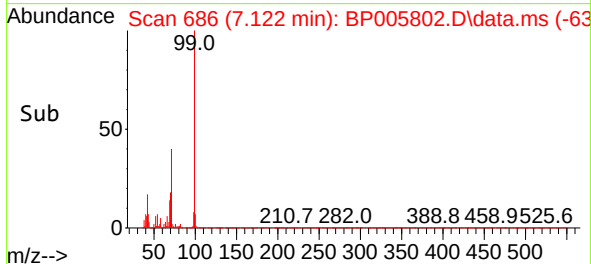
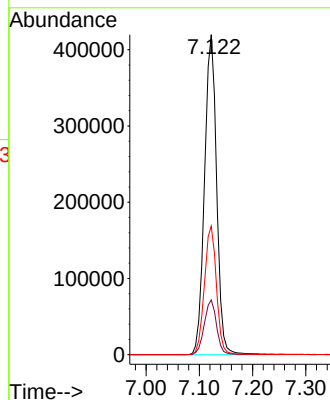
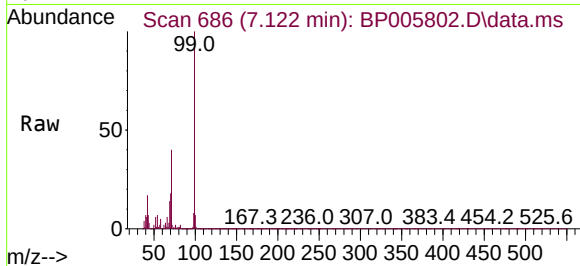




#7  
Phenol-d6  
Concen: 107.66 ng  
RT: 7.122 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

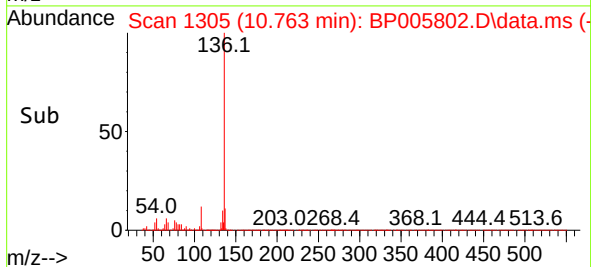
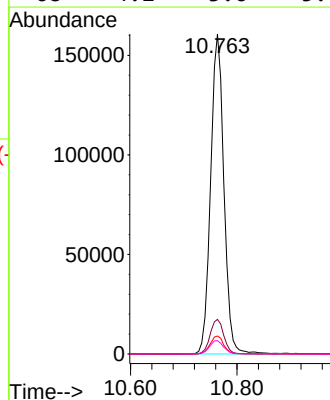
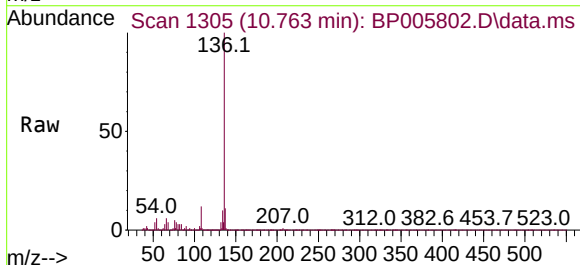
Instrument :  
BNA\_P  
ClientSampleId :  
18-B9(0-2)

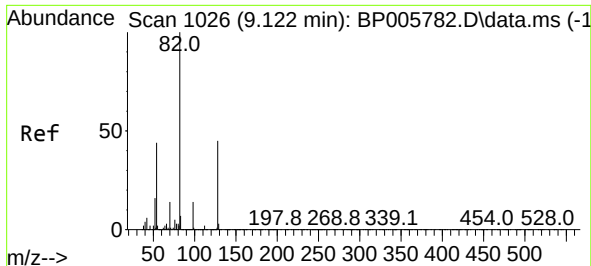
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 663573 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 17.1  | 13.4  | 20.0   |
| 71       | 40.1  | 30.6  | 46.0   |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 277277 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 12.8   |
| 54       | 5.6   | 4.6   | 6.8    |
| 68       | 4.2   | 3.6   | 5.4    |

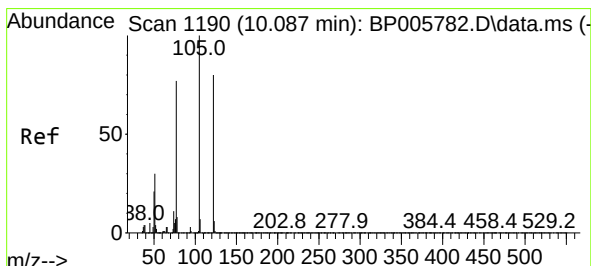
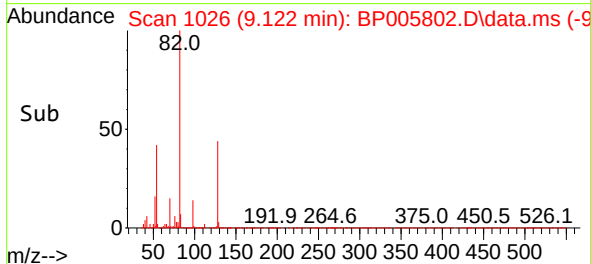
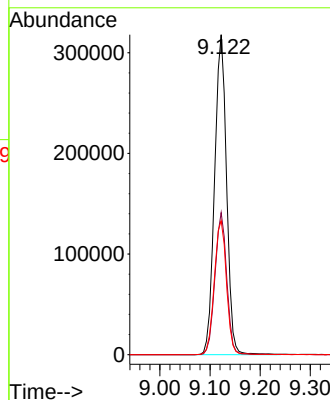
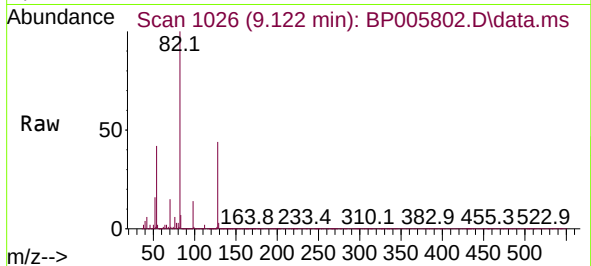




#23  
Nitrobenzene-d5  
Concen: 93.16 ng  
RT: 9.122 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

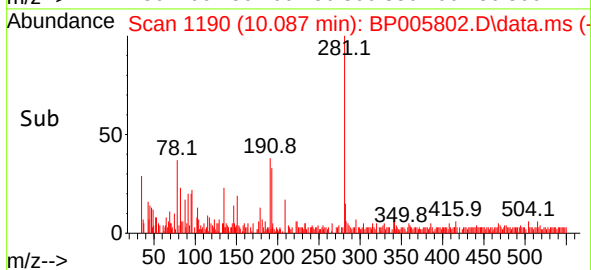
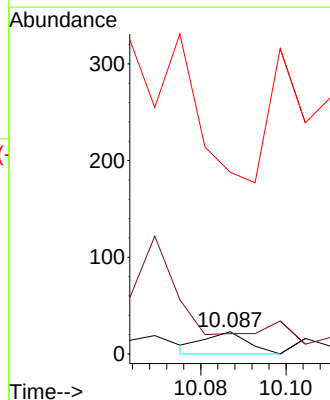
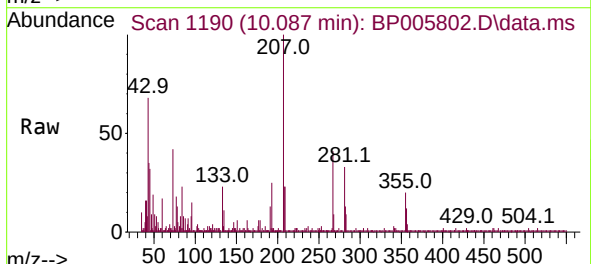
Instrument :  
BNA\_P  
ClientSampleId :  
18-B9(0-2)

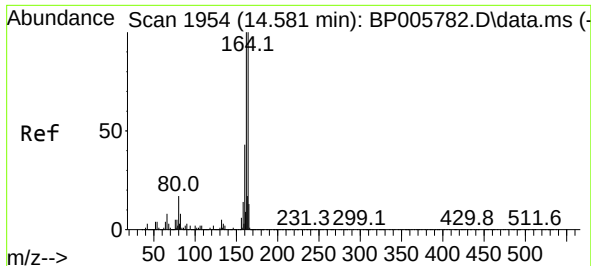
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 526897 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 44.4  | 35.7  | 53.5   |
| 54       | 41.8  | 35.0  | 52.4   |



#32  
Benzoic acid  
Concen: 6.32 ng  
RT: 10.087 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 16     |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 91.3  | 103.2 | 143.2# |
| 77       | 817.4 | 76.2  | 116.2# |

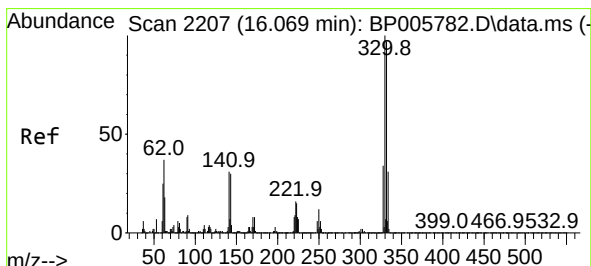
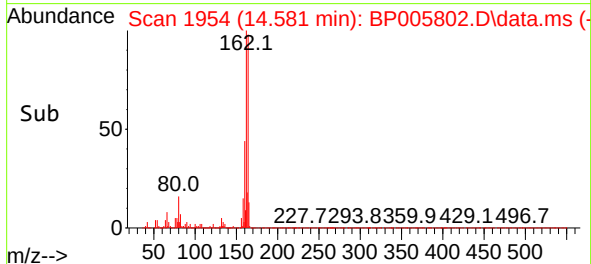
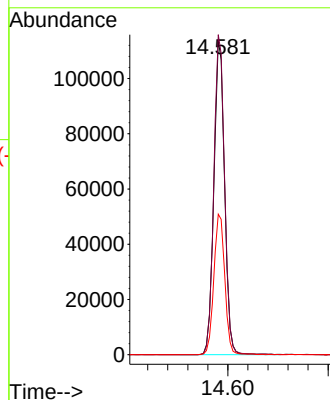
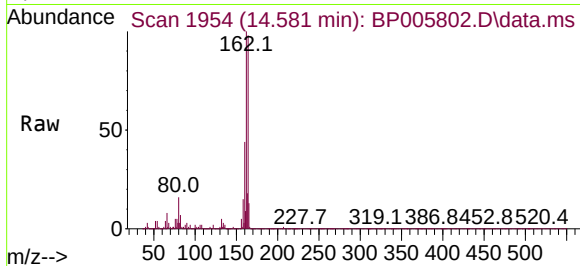




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.581 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

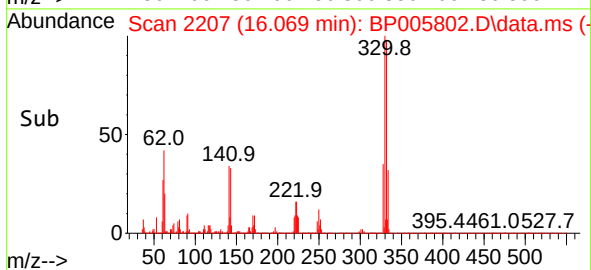
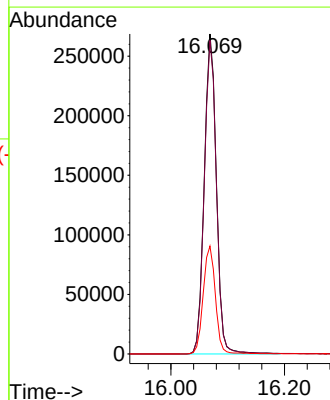
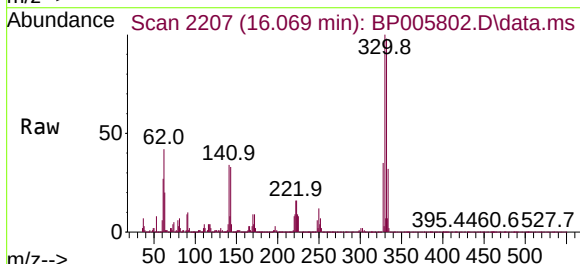
Instrument :  
BNA\_P  
ClientSampleId :  
18-B9(0-2)

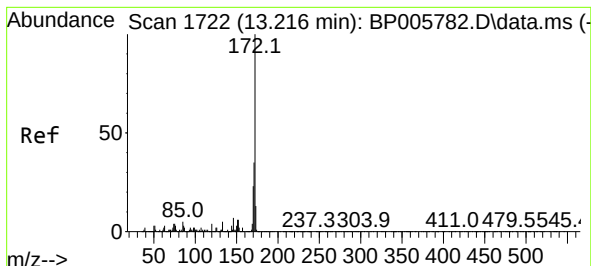
Tgt Ion:164 Resp: 167646  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.2 120.2  
160 44.7 34.5 51.7



#42  
2,4,6-Tribromophenol  
Concen: 138.08 ng  
RT: 16.069 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

Tgt Ion:330 Resp: 397235  
Ion Ratio Lower Upper  
330 100  
332 98.2 77.8 116.8  
141 34.1 25.4 38.2

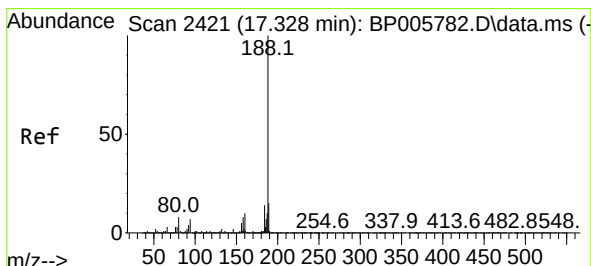
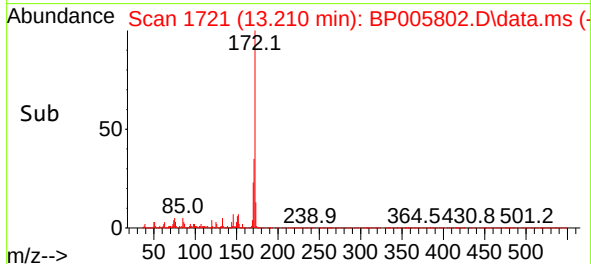
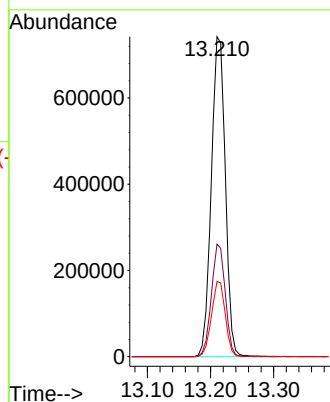
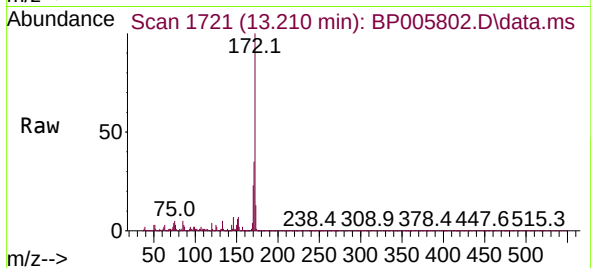




#45  
2-Fluorobiphenyl  
Concen: 89.61 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

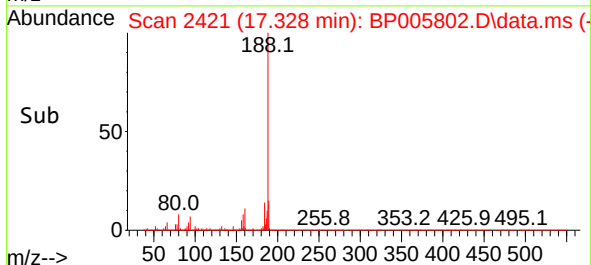
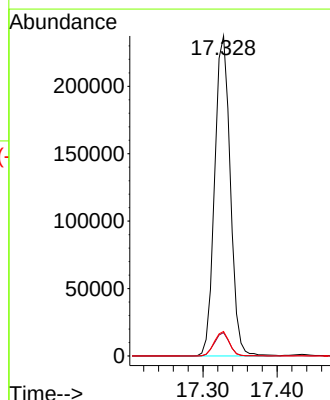
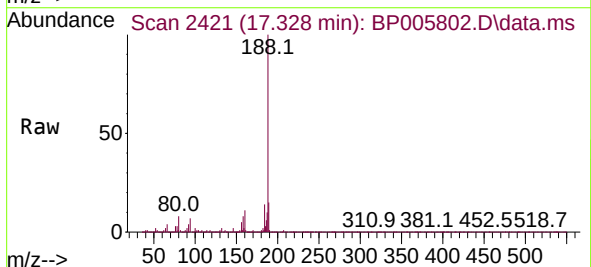
Instrument :  
BNA\_P  
ClientSampleId :  
18-B9(0-2)

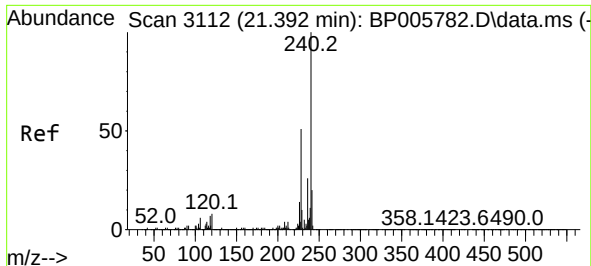
Tgt Ion:172 Resp: 1144085  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.9 41.9  
170 23.5 18.6 27.8



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.328 min Scan# 2421  
Delta R.T. 0.000 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

Tgt Ion:188 Resp: 347472  
Ion Ratio Lower Upper  
188 100  
94 7.3 5.6 8.4  
80 7.7 6.3 9.5

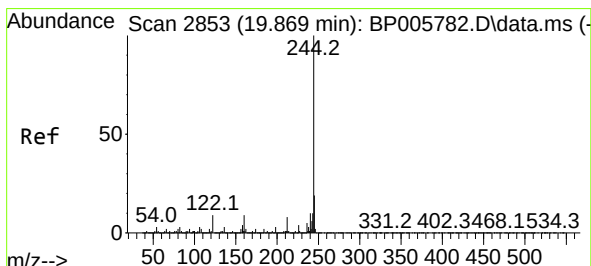
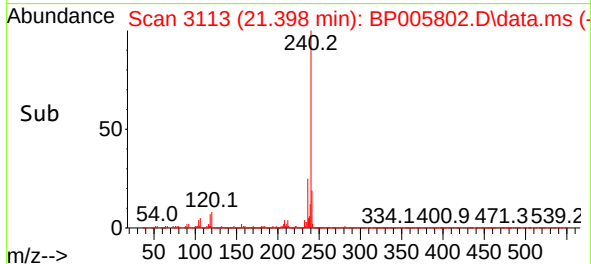
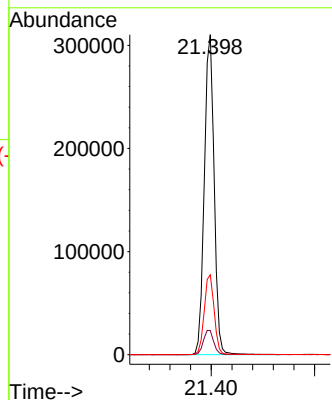
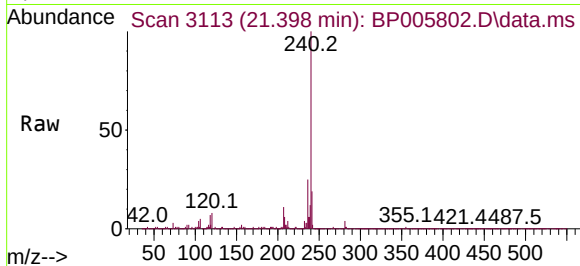




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.398 min Scan# 3113  
Delta R.T. 0.006 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

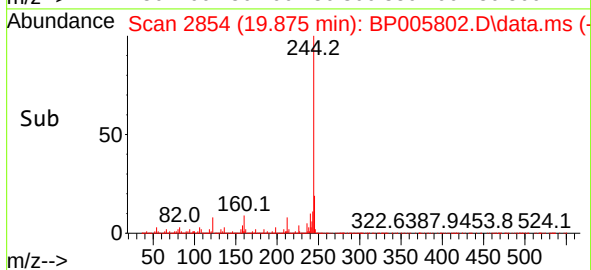
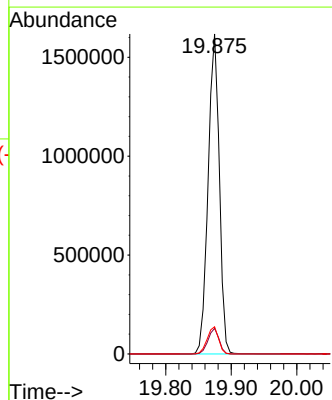
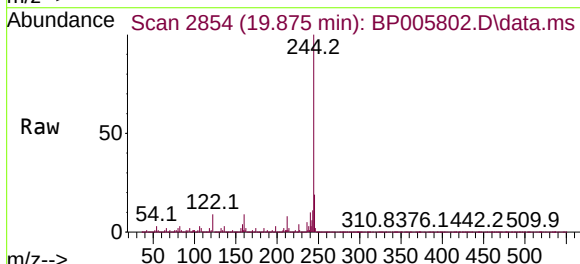
Instrument :  
BNA\_P  
ClientSampleId :  
18-B9(0-2)

Tgt Ion:240 Resp: 409155  
Ion Ratio Lower Upper  
240 100  
120 7.6 6.5 9.7  
236 25.0 20.6 31.0

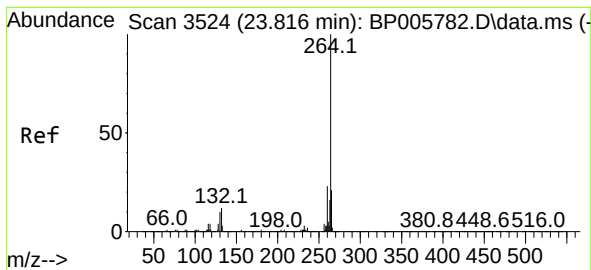


#79  
Terphenyl-d14  
Concen: 88.08 ng  
RT: 19.875 min Scan# 2854  
Delta R.T. 0.006 min  
Lab File: BP005802.D  
Acq: 09 Jun 2021 08:43

Tgt Ion:244 Resp: 1924538  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.0 9.0  
122 8.5 7.1 10.7







#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.821 min Scan# 3525  
 Delta R.T. 0.006 min  
 Lab File: BP005802.D  
 Acq: 09 Jun 2021 08:43

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B9(0-2)

Tgt Ion:264 Resp: 484805  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.6 28.0  
 265 22.2 17.6 26.4

