

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061421\  
 Data File : BP005914.D  
 Acq On : 14 Jun 2021 19:46  
 Operator : CG/JU  
 Sample : M2625-24RE  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B12(150-154)RE

Quant Time: Jun 15 04:17:32 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 14 13:15:03 2021  
 Response via : Initial Calibration

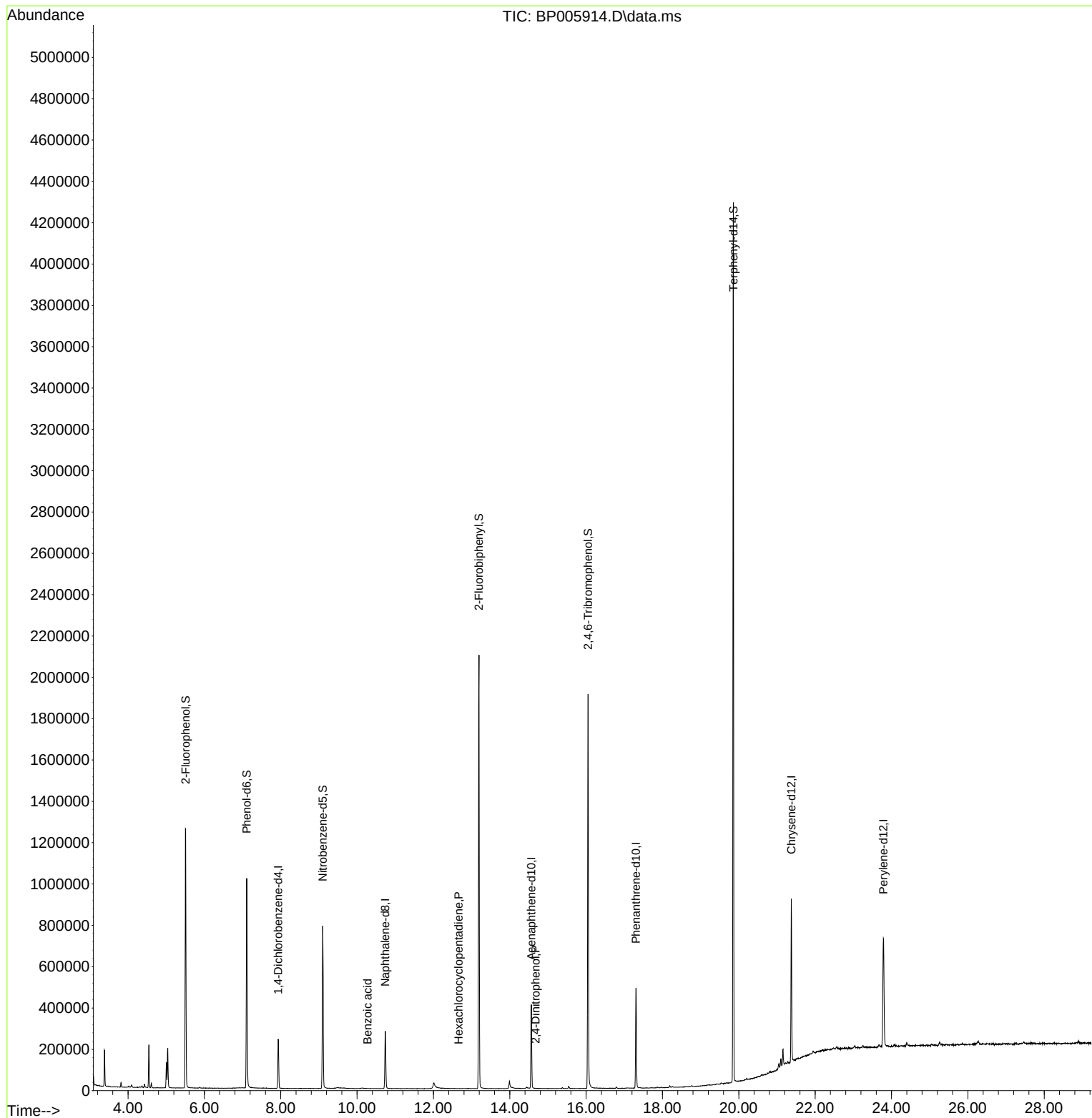
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.934  | 152  | 65517    | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.740 | 136  | 239433   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.563 | 164  | 143239   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.304 | 188  | 308686   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12              | 21.375 | 240  | 381581   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12              | 23.786 | 264  | 433884   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.511  | 112  | 573070   | 140.36 | ng    | 0.00      |
| 7) Phenol-d6                  | 7.111  | 99   | 576198   | 108.88 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 9.099  | 82   | 467123   | 95.65  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 16.051 | 330  | 386896   | 157.40 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.193 | 172  | 1031941  | 94.60  | ng    | 0.00      |
| 79) Terphenyl-d14             | 19.857 | 244  | 1949546  | 95.67  | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 32) Benzoic acid              | 10.275 | 122  | 167      | 6.37   | ng    | Qvalue 89 |
| 41) Hexachlorocyclopentadiene | 12.663 | 237  | 18       | 5.51   | ng    | 82        |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 4        | 4.85   | ng    | # 1       |
| -----                         |        |      |          |        |       |           |

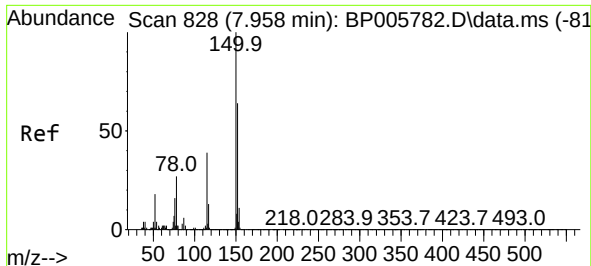
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061421\  
Data File : BP005914.D  
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Sample : M2625-24RE  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

Quant Time: Jun 15 04:17:32 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 14 13:15:03 2021  
Response via : Initial Calibration

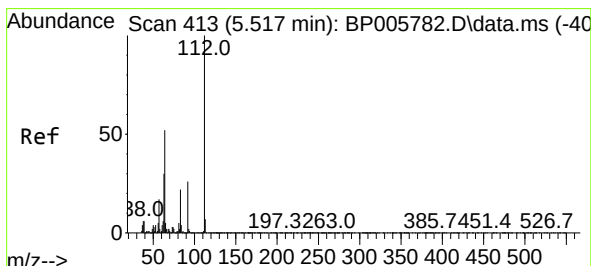
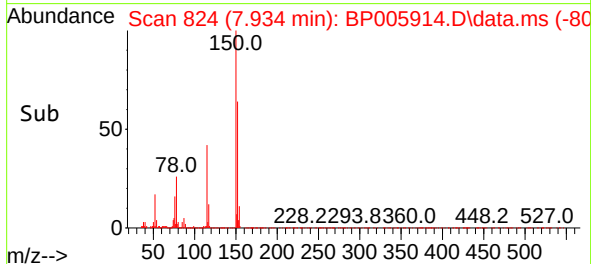
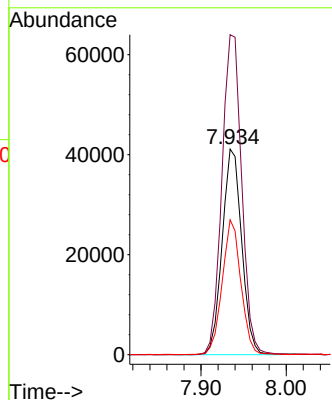
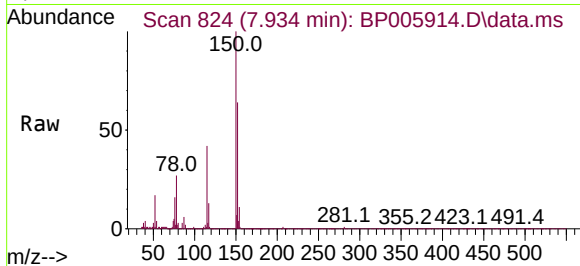




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.934 min Scan# 824  
Delta R.T. -0.006 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

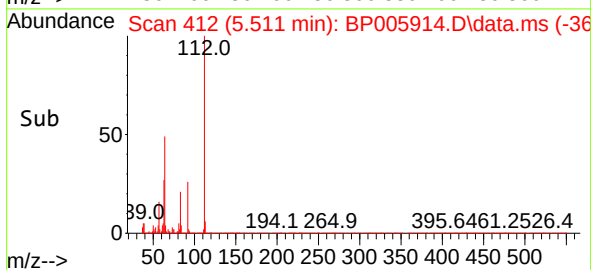
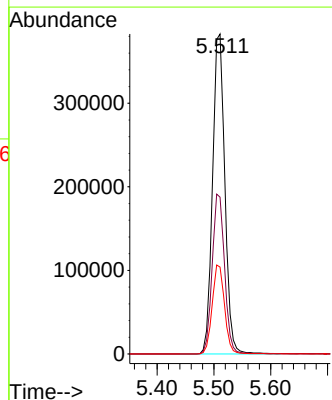
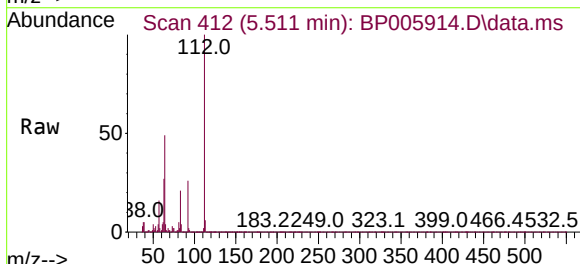
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

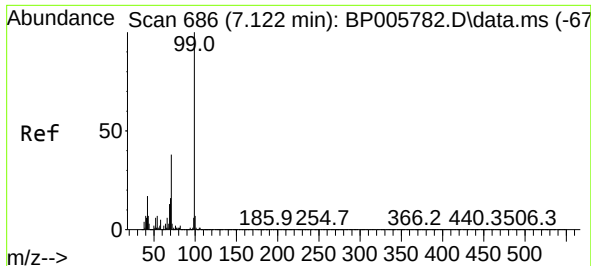
Tgt Ion:152 Resp: 65517  
Ion Ratio Lower Upper  
152 100  
150 155.6 125.6 188.4  
115 65.6 48.5 72.7



#5  
2-Fluorophenol  
Concen: 140.36 ng  
RT: 5.511 min Scan# 412  
Delta R.T. 0.000 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

Tgt Ion:112 Resp: 573070  
Ion Ratio Lower Upper  
112 100  
64 49.0 41.4 62.2  
63 27.2 23.8 35.8

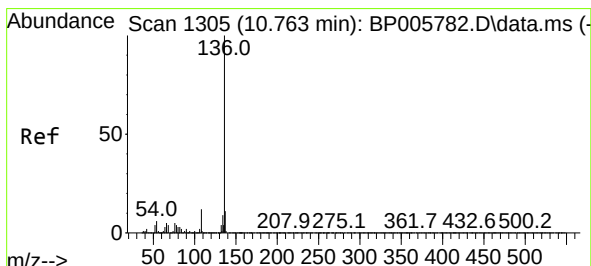
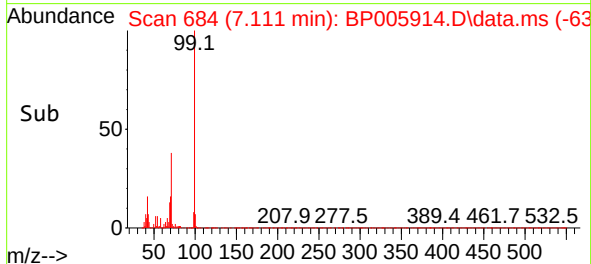
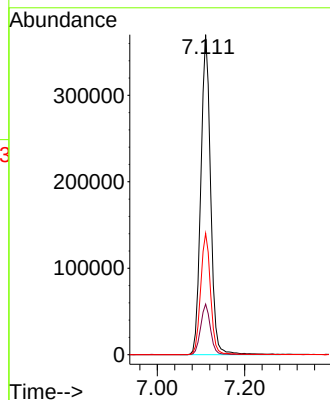
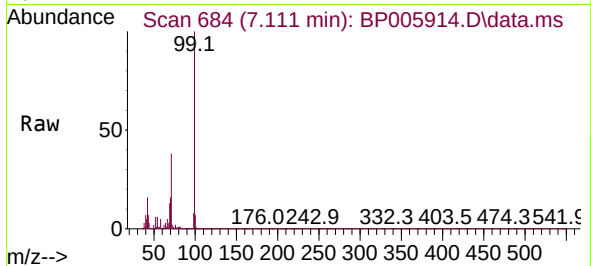




#7  
Phenol-d6  
Concen: 108.88 ng  
RT: 7.111 min Scan# 684  
Delta R.T. -0.006 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

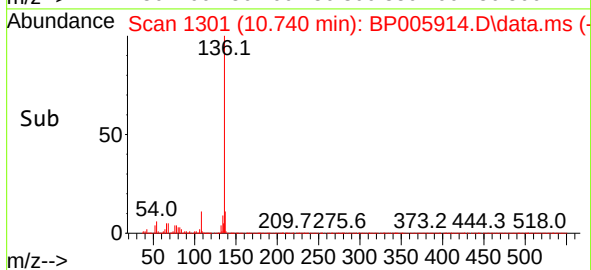
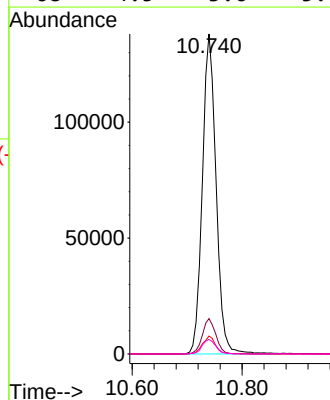
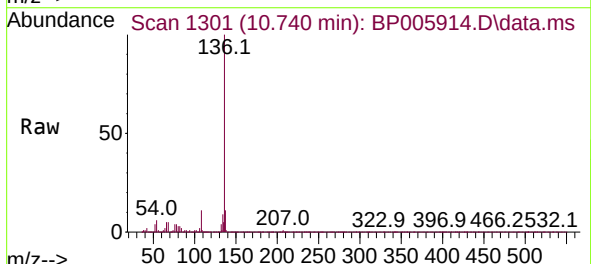
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

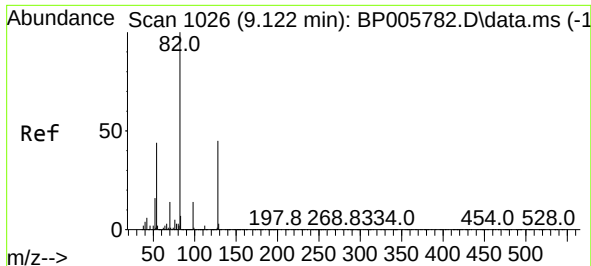
Tgt Ion: 99 Resp: 576198  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.4 20.0  
71 37.9 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.740 min Scan# 1301  
Delta R.T. -0.006 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

Tgt Ion: 136 Resp: 239433  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 5.6 4.6 6.8  
68 4.5 3.6 5.4

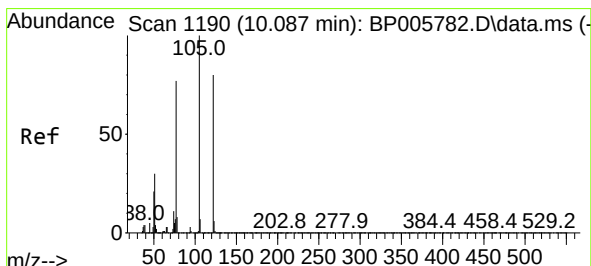
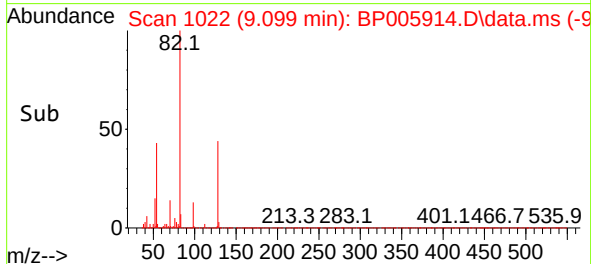
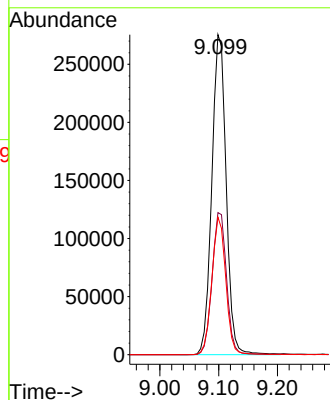
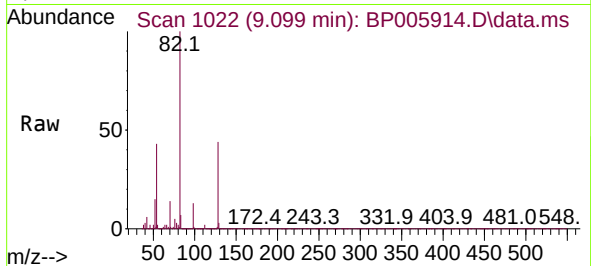




#23  
Nitrobenzene-d5  
Concen: 95.65 ng  
RT: 9.099 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

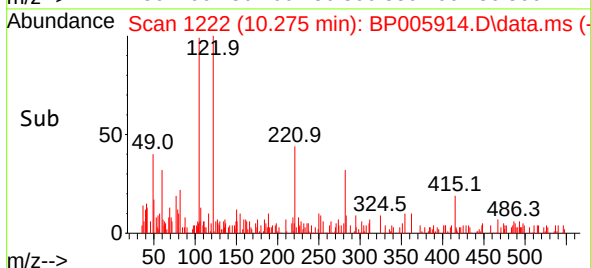
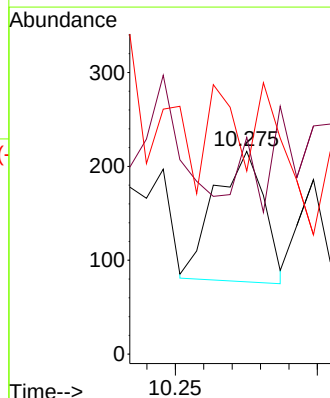
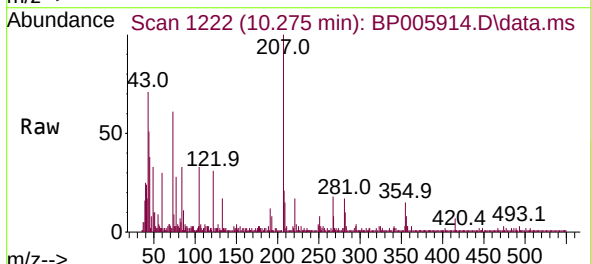
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

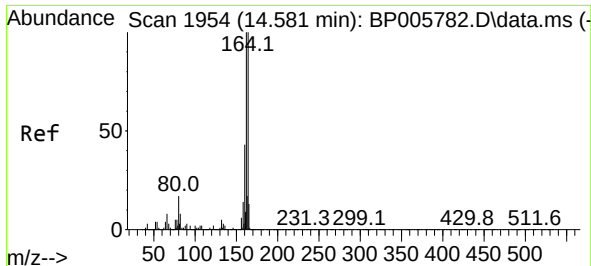
Tgt Ion: 82 Resp: 467123  
Ion Ratio Lower Upper  
82 100  
128 44.4 35.7 53.5  
54 43.0 35.0 52.4



#32  
Benzoic acid  
Concen: 6.37 ng  
RT: 10.275 min Scan# 1222  
Delta R.T. 0.194 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

Tgt Ion: 122 Resp: 167  
Ion Ratio Lower Upper  
122 100  
105 106.9 103.2 143.2  
77 90.3 76.2 116.2

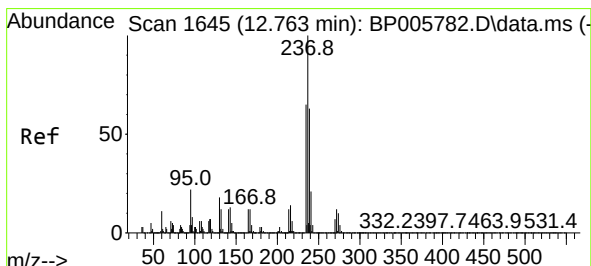
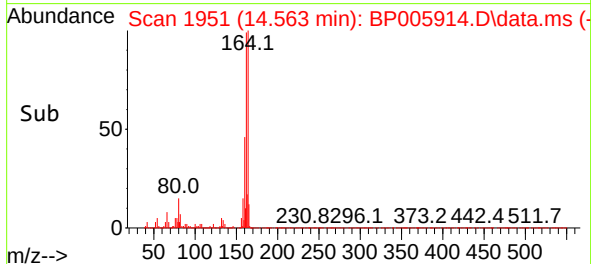
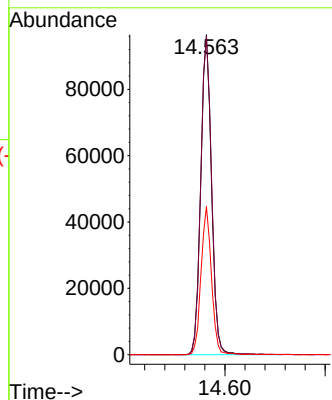
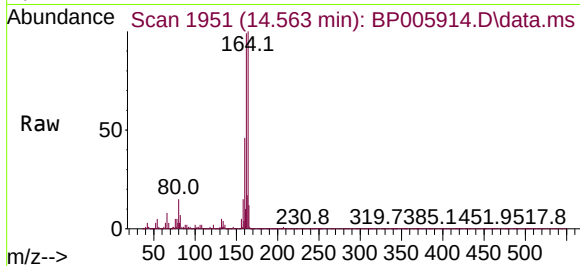




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.563 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

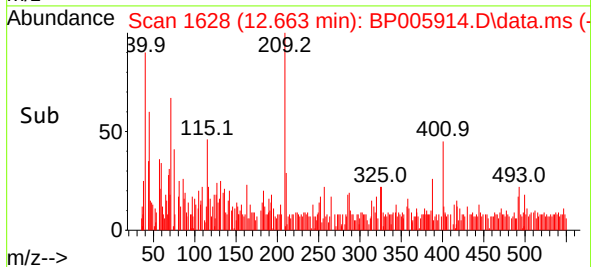
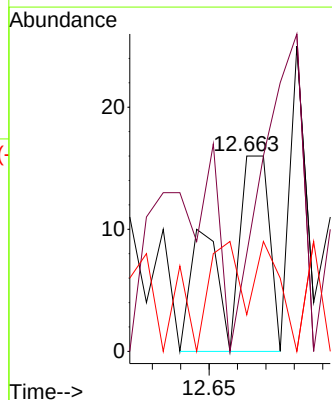
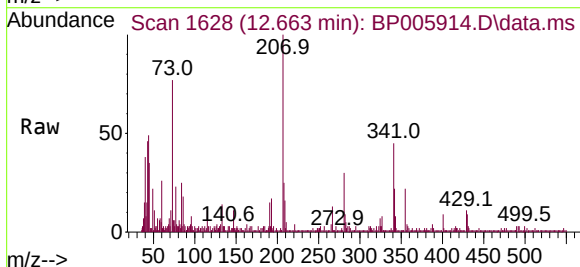
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

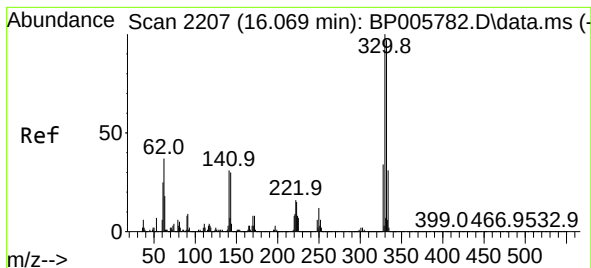
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 143239 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.4  | 80.2  | 120.2  |
| 160       | 46.3  | 34.5  | 51.7   |



#41  
Hexachlorocyclopentadiene  
Concen: 5.51 ng  
RT: 12.663 min Scan# 1628  
Delta R.T. -0.082 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 237   | Resp: | 18   |
| Ion Ratio | Lower | Upper |      |
| 237       | 100   |       |      |
| 235       | 50.0  | 44.5  | 84.5 |
| 272       | 18.8  | 0.0   | 32.5 |

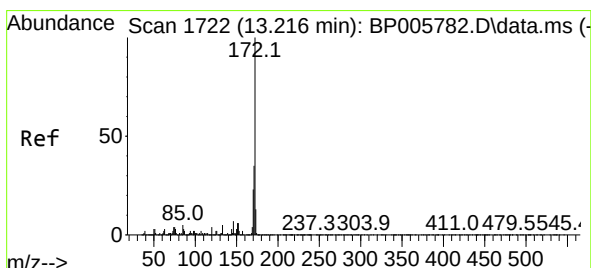
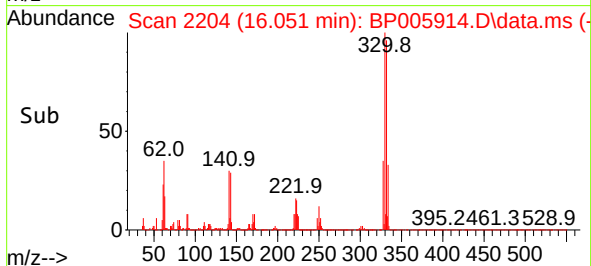
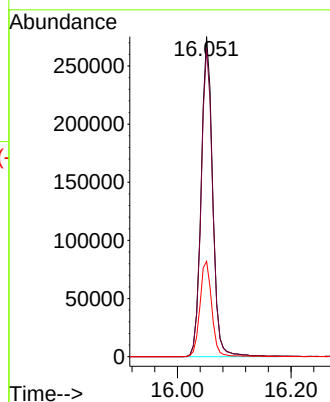
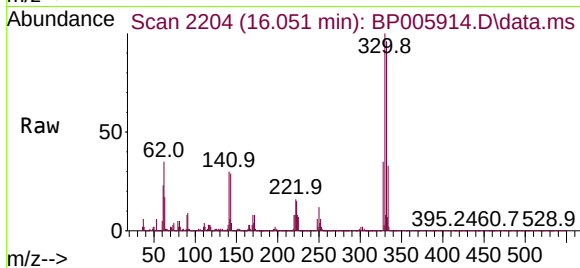




#42  
2,4,6-Tribromophenol  
Concen: 157.40 ng  
RT: 16.051 min Scan# 2204  
Delta R.T. 0.000 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

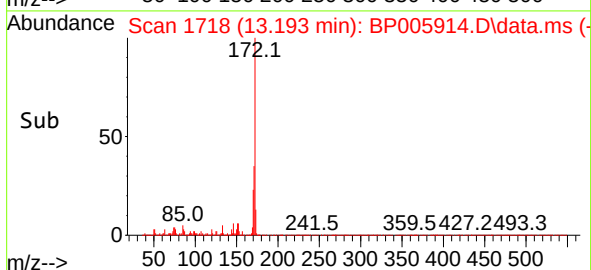
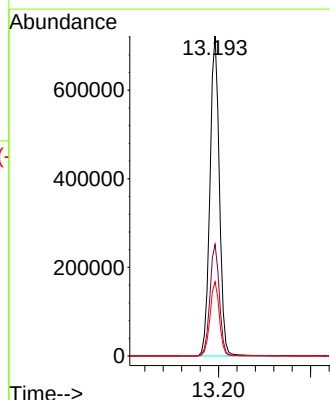
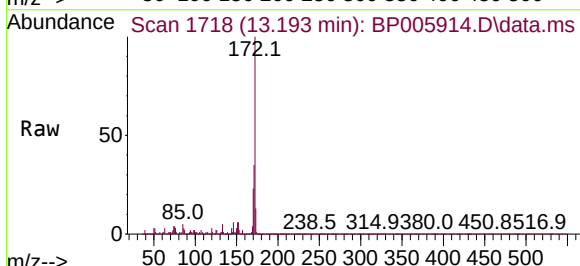
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

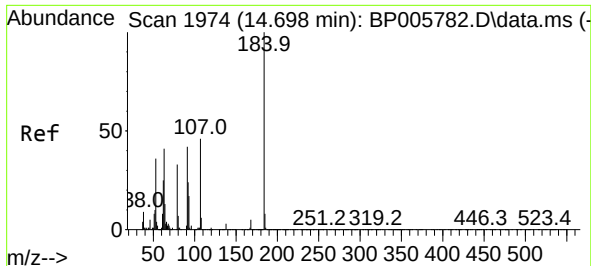
Tgt Ion:330 Resp: 386896  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 31.0 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 94.60 ng  
RT: 13.193 min Scan# 1718  
Delta R.T. 0.000 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

Tgt Ion:172 Resp: 1031941  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.9 41.9  
170 23.2 18.6 27.8

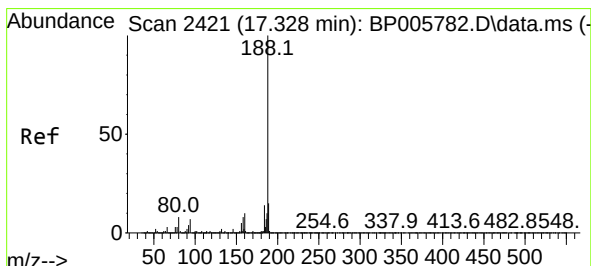
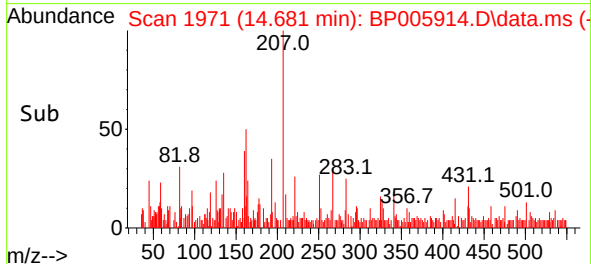
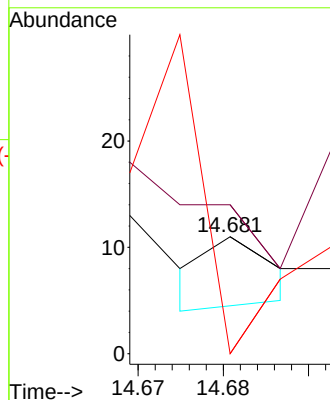
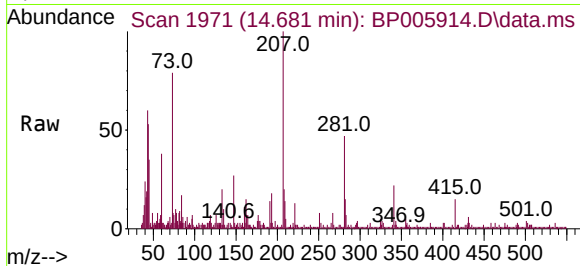




#54  
2,4-Dinitrophenol  
Concen: 4.85 ng  
RT: 14.681 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

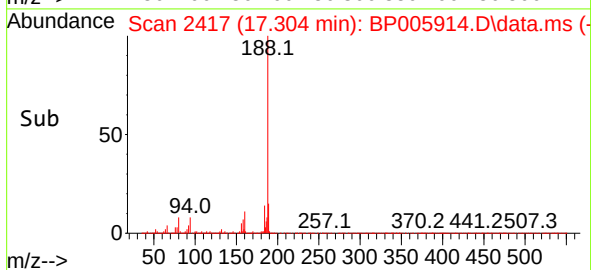
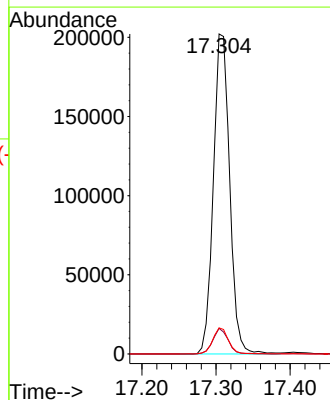
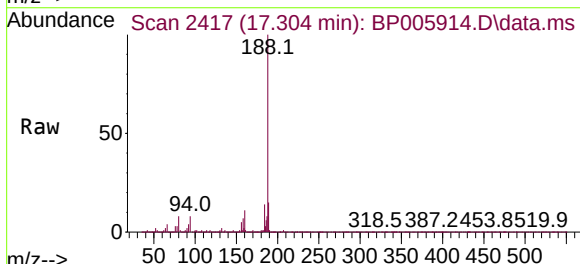
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

Tgt Ion:184 Resp: 4  
Ion Ratio Lower Upper  
184 100  
63 176.5 47.0 70.6#  
154 0.0 52.3 78.5#

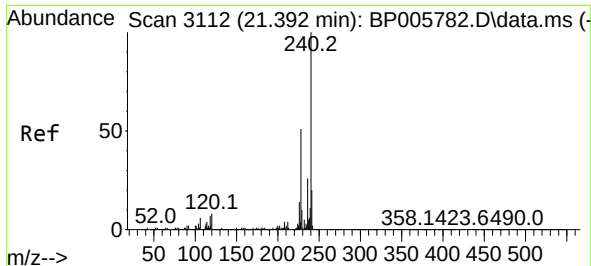


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.304 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

Tgt Ion:188 Resp: 308686  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.6 8.4  
80 8.2 6.3 9.5



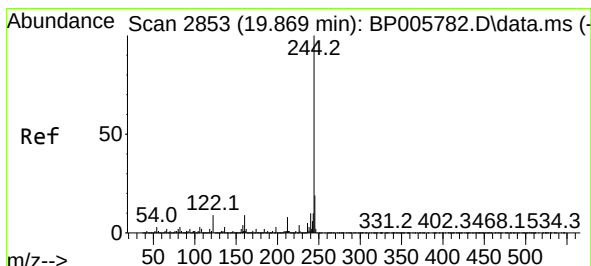
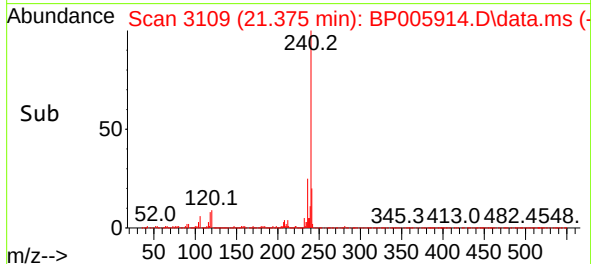
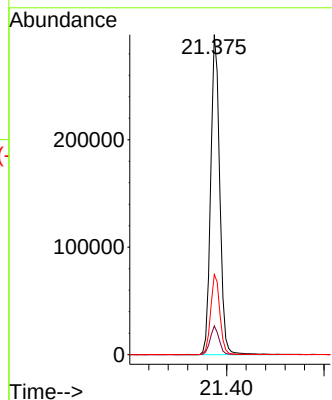
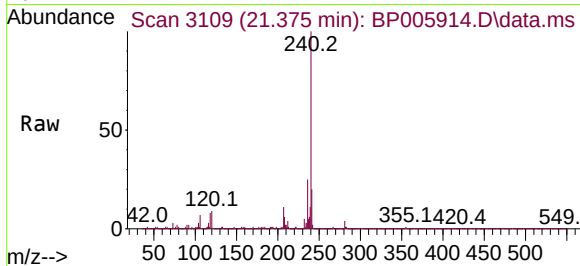




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.375 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

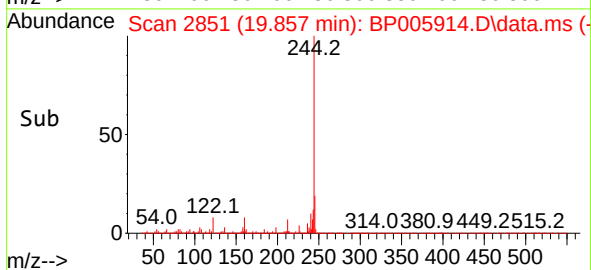
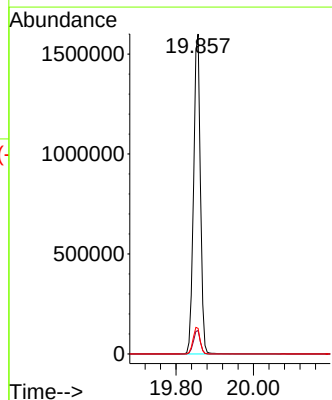
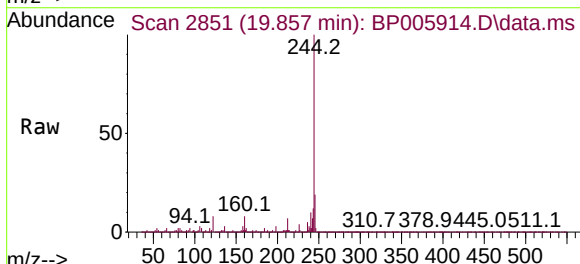
Instrument :  
BNA\_P  
ClientSampleId :  
18-B12(150-154)RE

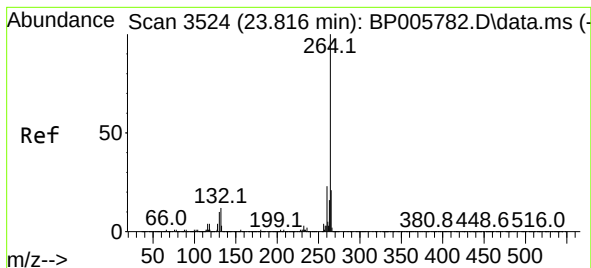
Tgt Ion:240 Resp: 381581  
Ion Ratio Lower Upper  
240 100  
120 9.0 6.5 9.7  
236 25.0 20.6 31.0



#79  
Terphenyl-d14  
Concen: 95.67 ng  
RT: 19.857 min Scan# 2851  
Delta R.T. 0.000 min  
Lab File: BP005914.D  
Acq: 14 Jun 2021 19:46

Tgt Ion:244 Resp: 1949546  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.0 9.0  
122 8.0 7.1 10.7





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.786 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BP005914.D

Acq: 14 Jun 2021 19:46

Instrument :

BNA\_P

ClientSampleId :

18-B12(150-154)RE

Tgt Ion:264 Resp: 433884

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.5 17.6 26.4

