

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060421\  
 Data File : BP005727.D  
 Acq On : 04 Jun 2021 23:58  
 Operator : CG/JU  
 Sample : M2589-15 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B11(2-4)

Quant Time: Jun 05 03:26:43 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 16:11:11 2021  
 Response via : Initial Calibration

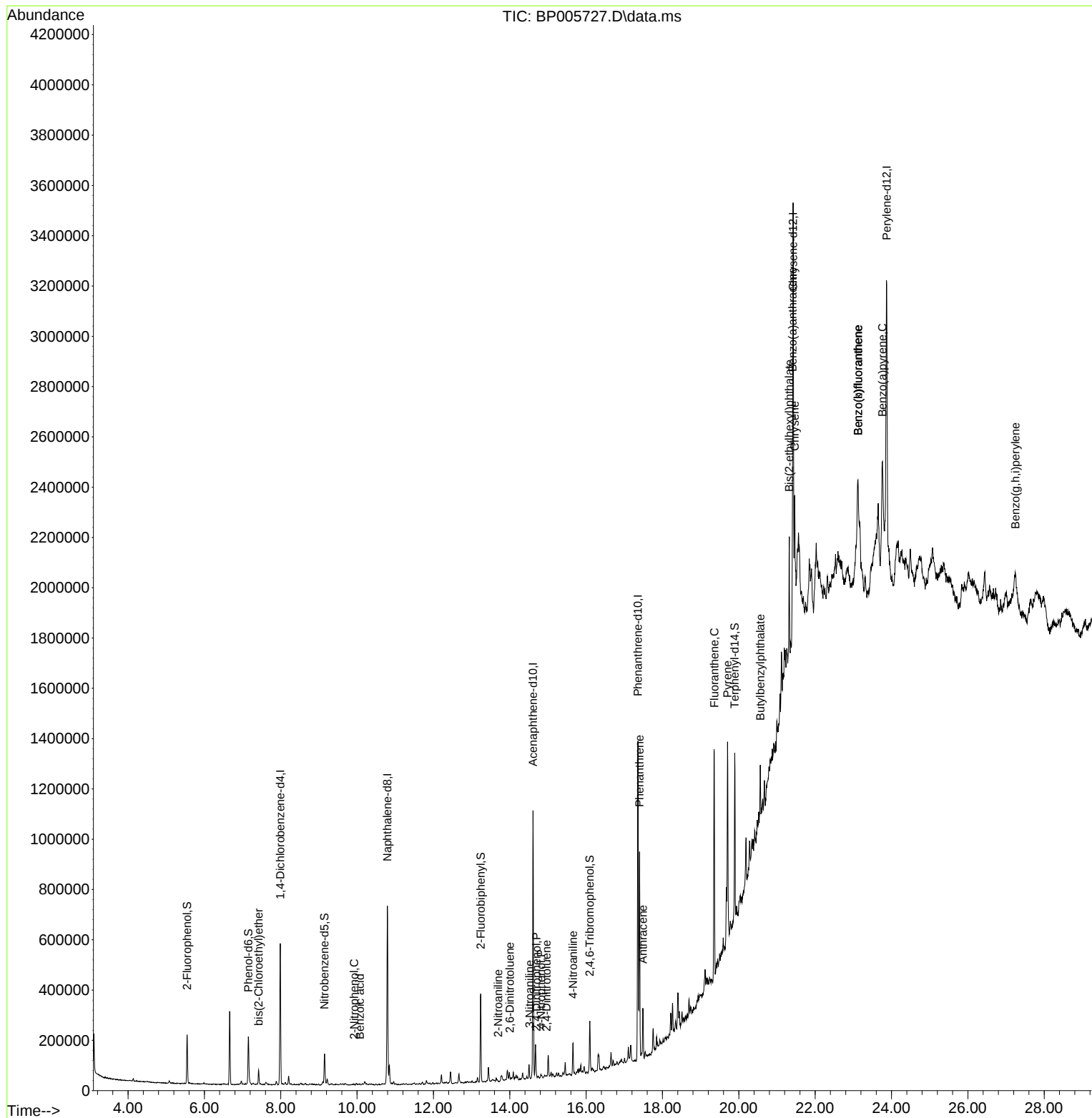
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.987  | 152  | 150544   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.793 | 136  | 588523   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.610 | 164  | 366091   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 760467   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.422 | 240  | 764492   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 23.874 | 264  | 880434   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.546  | 112  | 89820    | 9.28  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.152  | 99   | 114705   | 8.69  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.146  | 82   | 74893    | 7.08  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.098 | 330  | 39801    | 8.48  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.240 | 172  | 187150   | 6.77  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.892 | 244  | 297432   | 7.30  | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 11) bis(2-Chloroethyl)ether   | 7.422  | 93   | 21227    | 2.04  | ng    | # 28     |
| 26) 2-Nitrophenol             | 9.922  | 139  | 132      | 4.18  | ng    | # 1      |
| 32) Benzoic acid              | 10.075 | 122  | 58       | 5.02  | ng    | # 1      |
| 48) 2-Nitroaniline            | 13.698 | 65   | 54       | 4.50  | ng    | # 46     |
| 51) 2,6-Dinitrotoluene        | 14.004 | 165  | 199      | 5.09  | ng    | 89       |
| 53) 3-Nitroaniline            | 14.516 | 138  | 140      | 3.67  | ng    | # 29     |
| 54) 2,4-Dinitrophenol         | 14.704 | 184  | 69       | 6.55  | ng    | # 1      |
| 56) 4-Nitrophenol             | 14.816 | 139  | 928      | 3.91  | ng    | # 46     |
| 57) 2,4-Dinitrotoluene        | 14.963 | 165  | 273      | 4.29  | ng    | # 32     |
| 62) 4-Nitroaniline            | 15.657 | 138  | 999      | 3.77  | ng    | # 17     |
| 71) Phenanthrene              | 17.398 | 178  | 486393   | 10.27 | ng    | 100      |
| 72) Anthracene                | 17.487 | 178  | 124248   | 2.66  | ng    | 98       |
| 75) Fluoranthene              | 19.357 | 202  | 555630   | 9.77  | ng    | 97       |
| 78) Pyrene                    | 19.704 | 202  | 476190   | 8.83  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.563 | 149  | 54656    | 6.42  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.410 | 228  | 225678   | 4.02  | ng    | 94       |
| 83) Chrysene                  | 21.463 | 228  | 196444   | 3.62  | ng    | # 95     |
| 84) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 172870   | 5.67  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.122 | 252  | 353211   | 5.53  | ng    | # 82     |
| 89) Benzo(k)fluoranthene      | 23.122 | 252  | 353211   | 5.84  | ng    | # 80     |
| 90) Benzo(a)pyrene            | 23.763 | 252  | 202324   | 3.48  | ng    | # 84     |
| 92) Benzo(g,h,i)perylene      | 27.245 | 276  | 134623   | 2.15  | ng    | # 84     |
| -----                         |        |      |          |       |       |          |

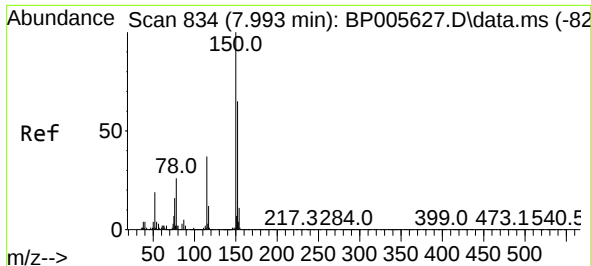
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060421\  
Data File : BP005727.D  
Acq On : 04 Jun 2021 23:58  
Operator : CG/JU  
Sample : M2589-15 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

Quant Time: Jun 05 03:26:43 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 27 16:11:11 2021  
Response via : Initial Calibration

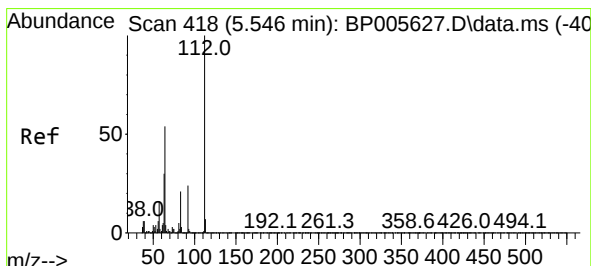
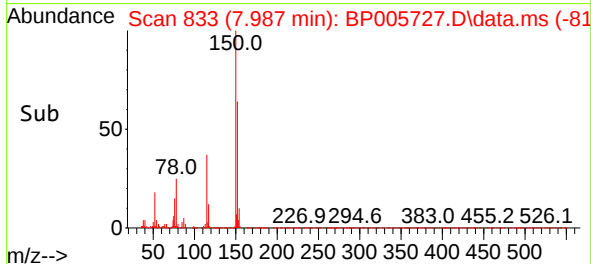
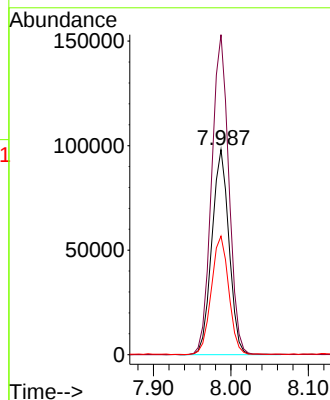
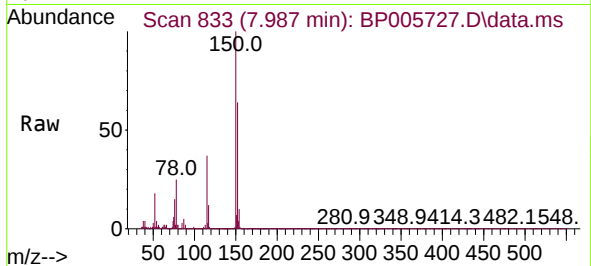




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.987 min Scan# 833  
Delta R.T. -0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

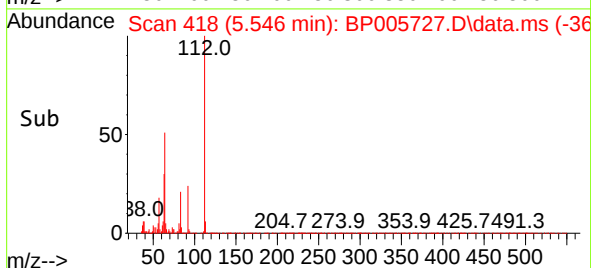
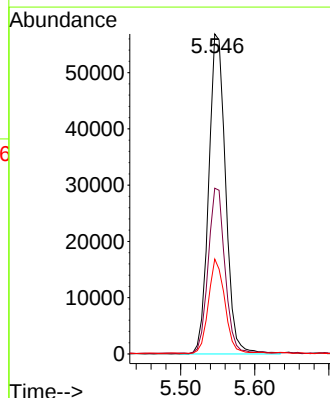
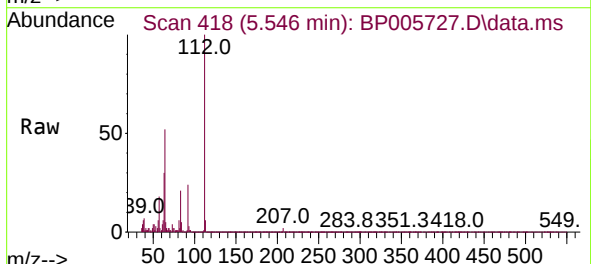
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

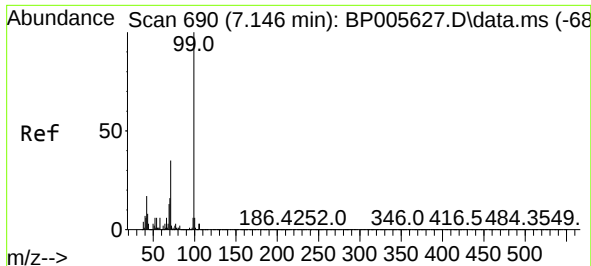
Tgt Ion:152 Resp: 150544  
Ion Ratio Lower Upper  
152 100  
150 156.0 119.8 179.8  
115 57.8 49.0 73.4



#5  
2-Fluorophenol  
Concen: 9.28 ng  
RT: 5.546 min Scan# 418  
Delta R.T. -0.000 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:112 Resp: 89820  
Ion Ratio Lower Upper  
112 100  
64 51.8 33.6 50.4#  
63 29.6 18.6 27.8#

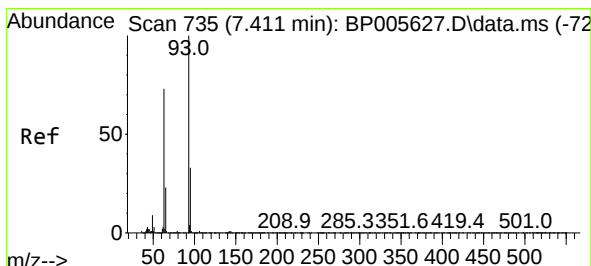
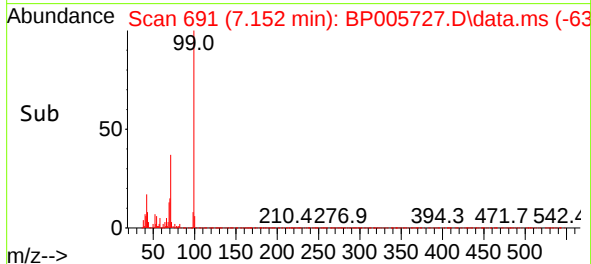
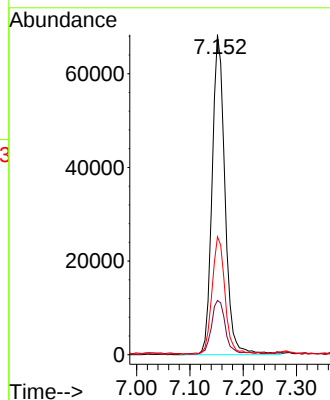
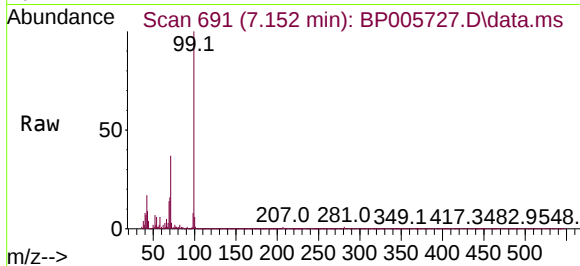




#7  
Phenol-d6  
Concen: 8.69 ng  
RT: 7.152 min Scan# 691  
Delta R.T. 0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

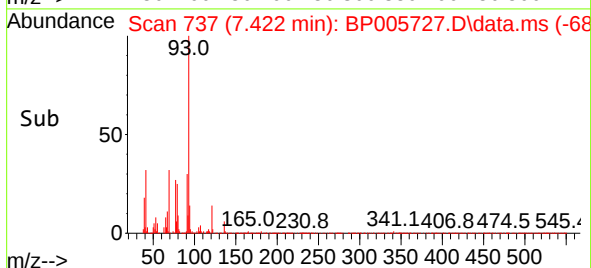
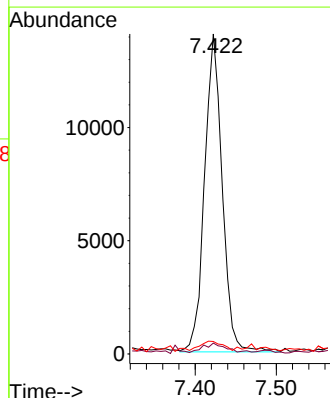
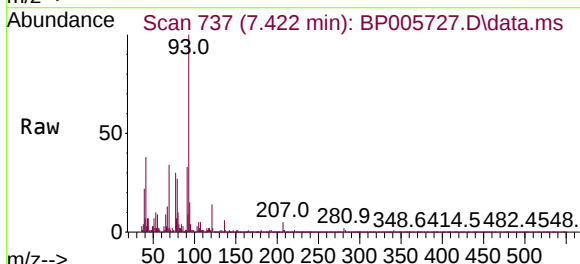
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

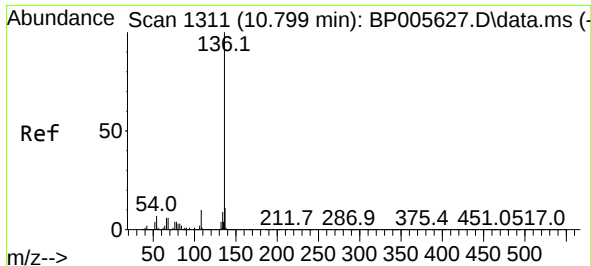
Tgt Ion: 99 Resp: 114705  
Ion Ratio Lower Upper  
99 100  
42 16.9 12.9 19.3  
71 36.9 26.7 40.1



#11  
bis(2-Chloroethyl)ether  
Concen: 2.04 ng  
RT: 7.422 min Scan# 737  
Delta R.T. 0.012 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion: 93 Resp: 21227  
Ion Ratio Lower Upper  
93 100  
63 3.4 49.6 89.6#  
95 3.9 14.4 54.4#

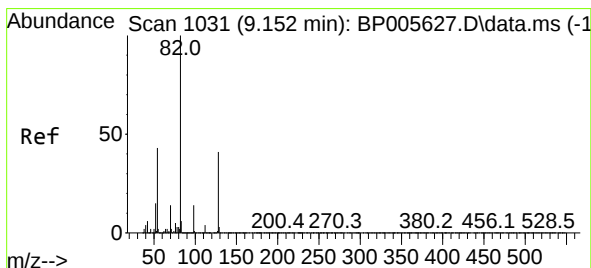
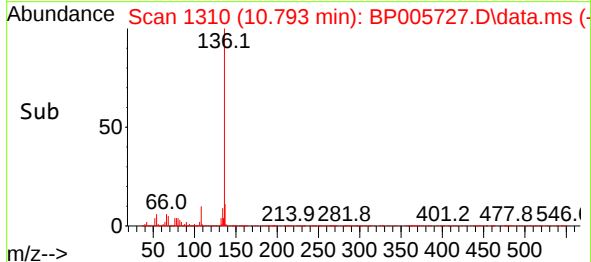
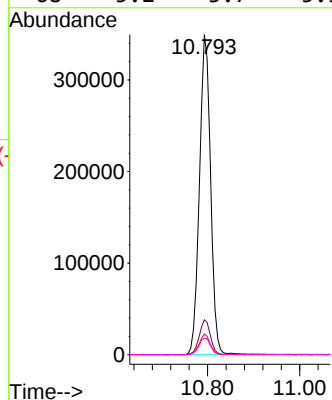
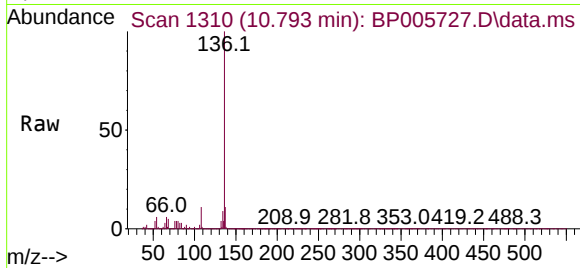




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.793 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

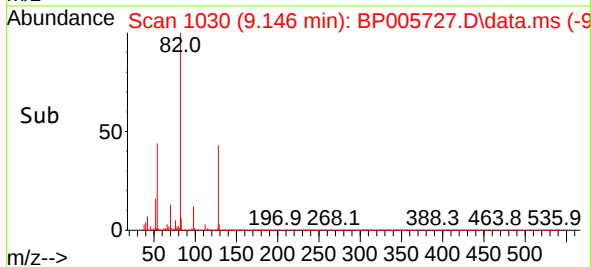
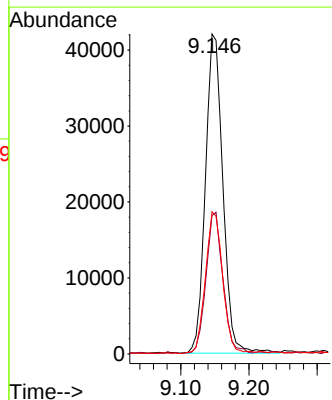
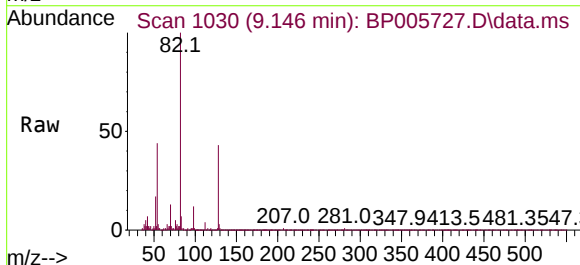
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

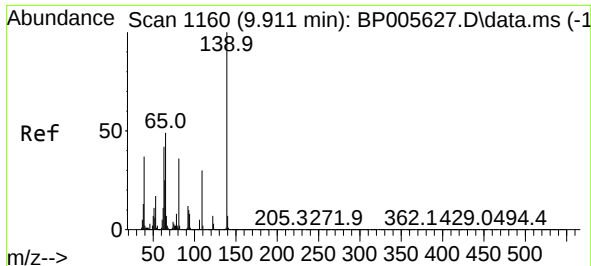
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 588523 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.9   | 13.3   |
| 54        | 6.4   | 5.0   | 7.4    |
| 68        | 5.2   | 3.7   | 5.5    |



#23  
Nitrobenzene-d5  
Concen: 7.08 ng  
RT: 9.146 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 74893 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 43.3  | 30.5  | 45.7  |
| 54        | 44.4  | 33.9  | 50.9  |

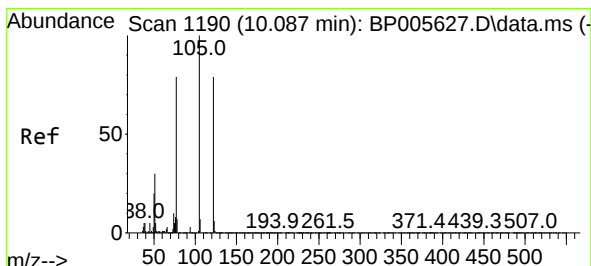
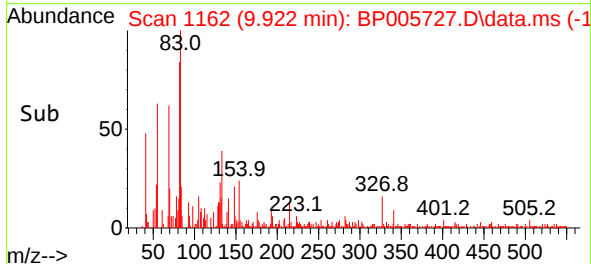
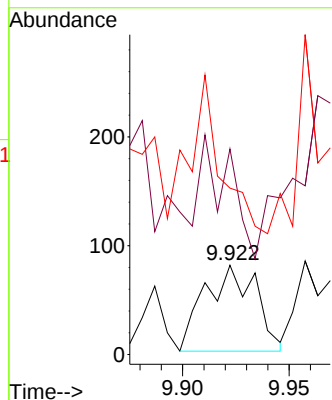
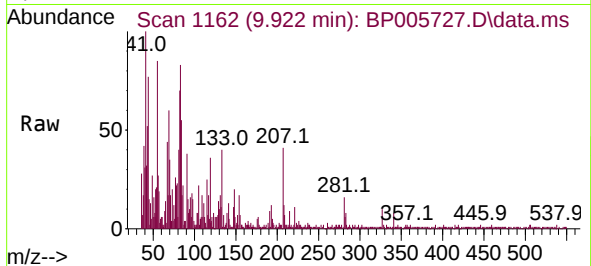




#26  
2-Nitrophenol  
Concen: 4.18 ng  
RT: 9.922 min Scan# 1162  
Delta R.T. 0.011 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

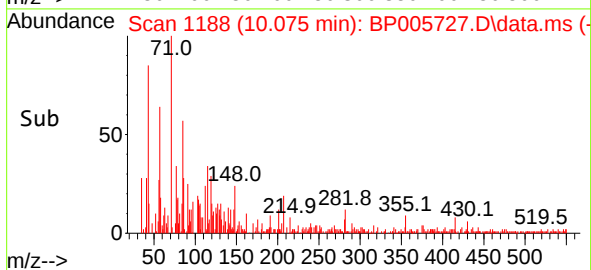
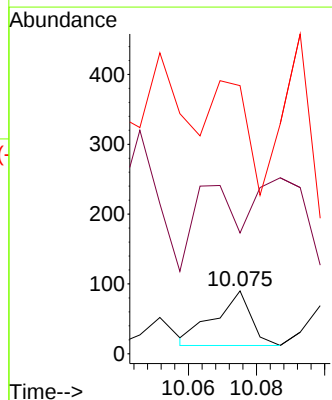
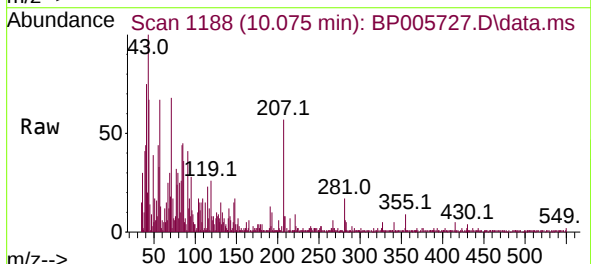
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

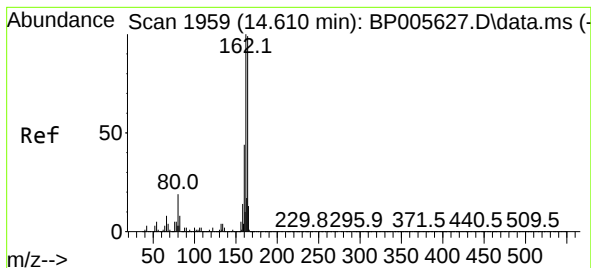
Tgt Ion:139 Resp: 132  
Ion Ratio Lower Upper  
139 100  
109 230.5 40.7 61.1#  
65 186.6 47.8 71.6#



#32  
Benzoic acid  
Concen: 5.02 ng  
RT: 10.075 min Scan# 1188  
Delta R.T. -0.012 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:122 Resp: 58  
Ion Ratio Lower Upper  
122 100  
105 192.2 105.1 145.1#  
77 426.7 69.6 109.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.610 min Scan# 1959

Delta R.T. 0.000 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

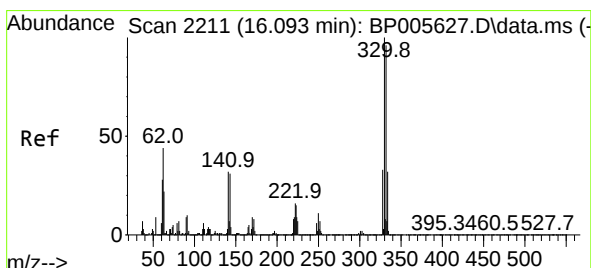
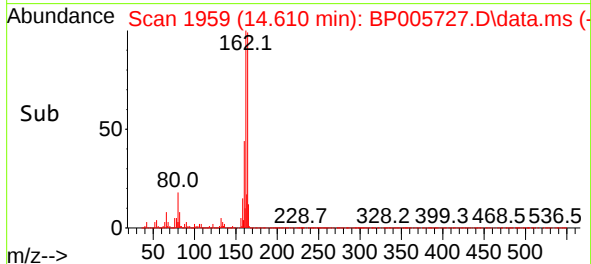
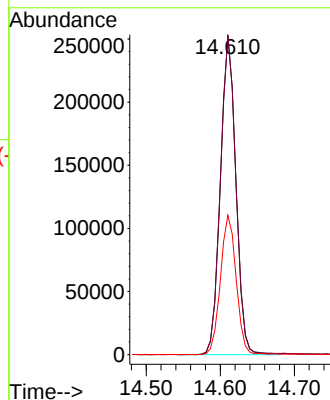
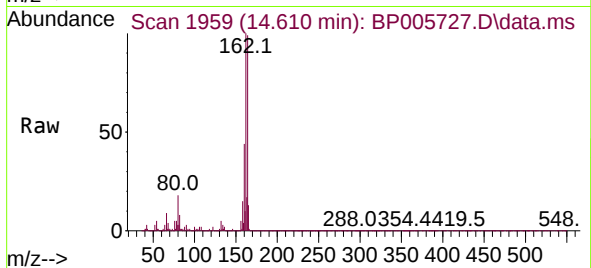
Instrument :

BNA\_P

ClientSampleId :

18-B11(2-4)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 366091 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 100.5 | 73.5  | 110.3  |
| 160      | 43.8  | 40.6  | 61.0   |



#42

2,4,6-Tribromophenol

Concen: 8.48 ng

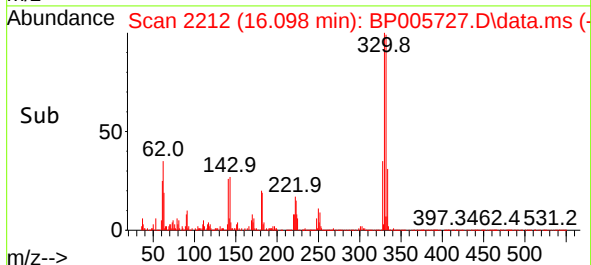
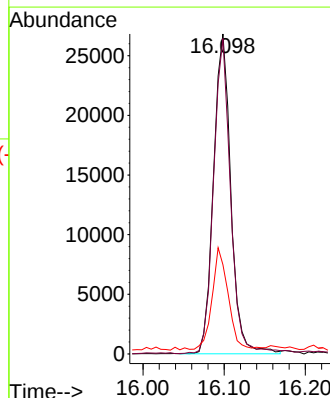
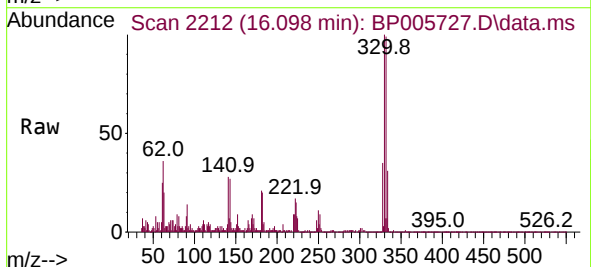
RT: 16.098 min Scan# 2212

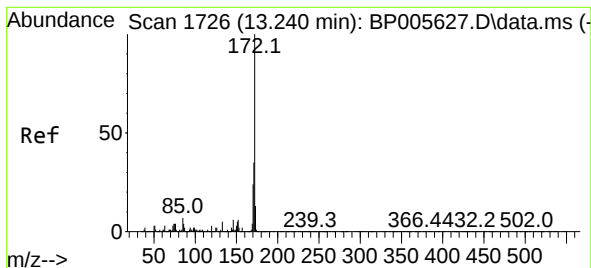
Delta R.T. 0.006 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 39801 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 96.6  | 76.3  | 114.5 |
| 141      | 29.3  | 22.8  | 34.2  |

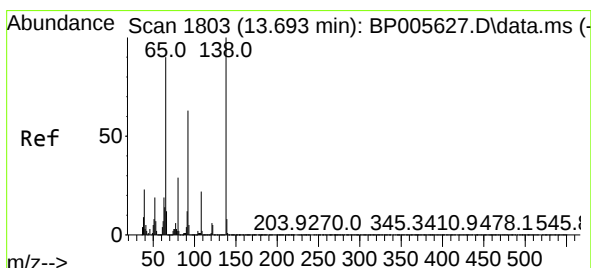
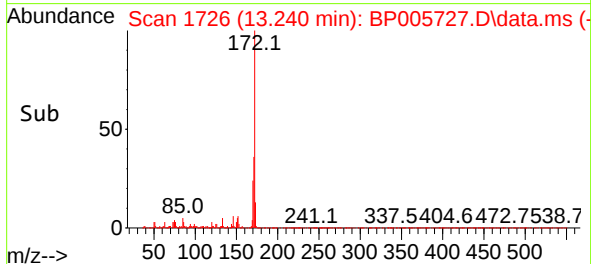
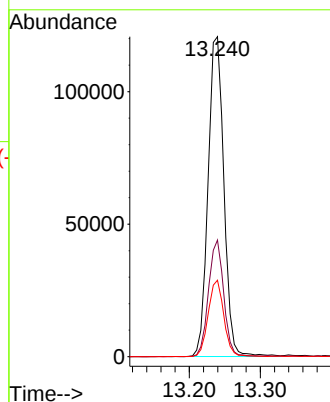
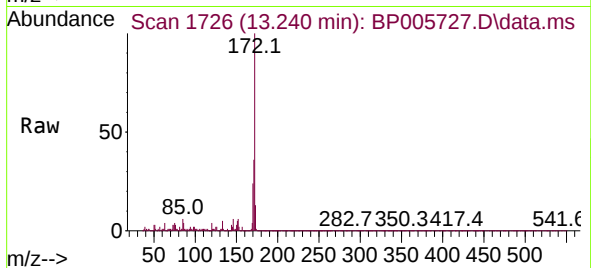




#45  
2-Fluorobiphenyl  
Concen: 6.77 ng  
RT: 13.240 min Scan# 1726  
Delta R.T. -0.000 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

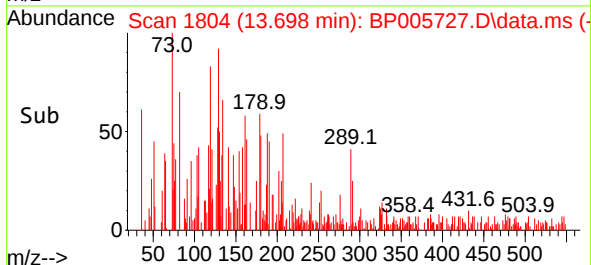
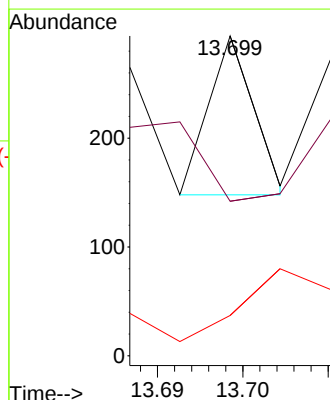
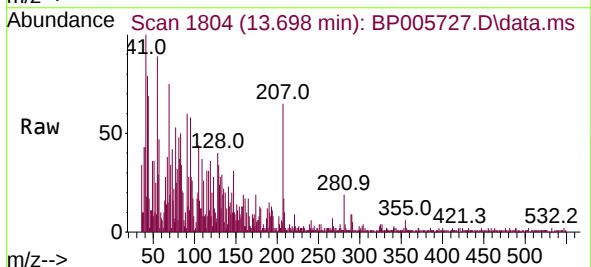
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

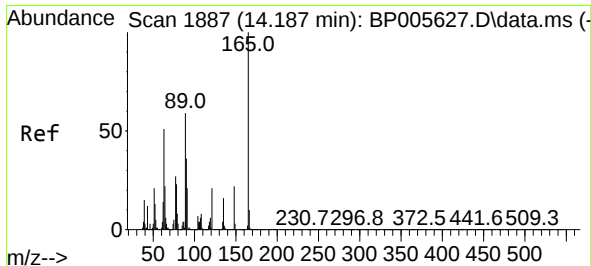
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 187150 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.4  | 28.1  | 42.1   |
| 170      | 23.9  | 19.6  | 29.4   |



#48  
2-Nitroaniline  
Concen: 4.50 ng  
RT: 13.698 min Scan# 1804  
Delta R.T. 0.005 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 54     |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 48.3  | 48.8  | 73.2#  |
| 138      | 12.6  | 69.5  | 104.3# |

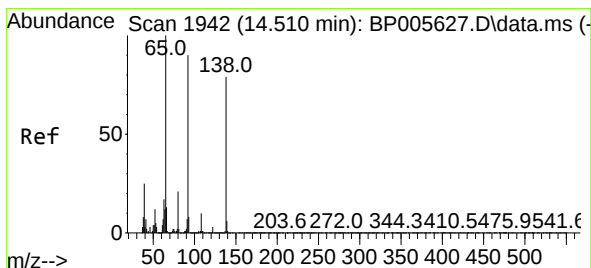
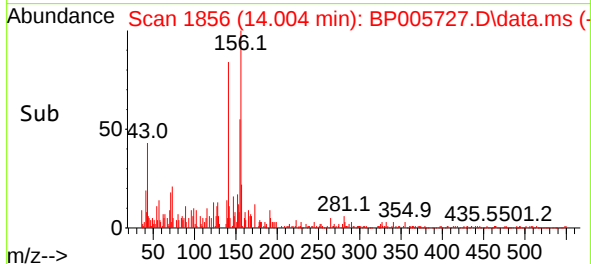
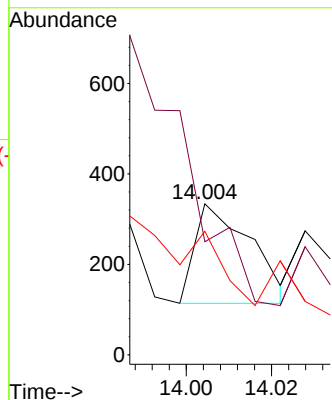
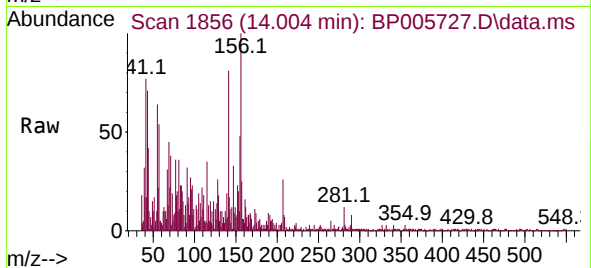




#51  
2,6-Dinitrotoluene  
Concen: 5.09 ng  
RT: 14.004 min Scan# 1856  
Delta R.T. -0.183 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

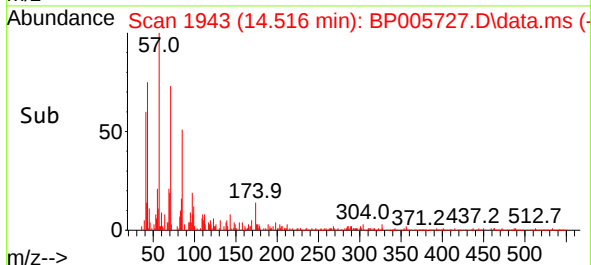
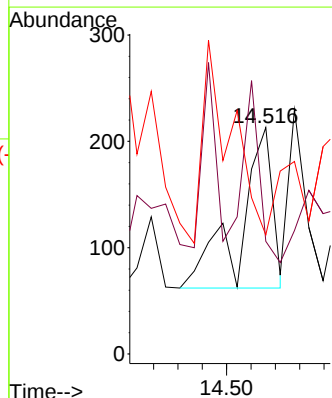
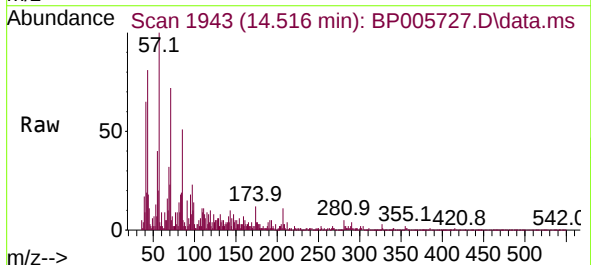
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

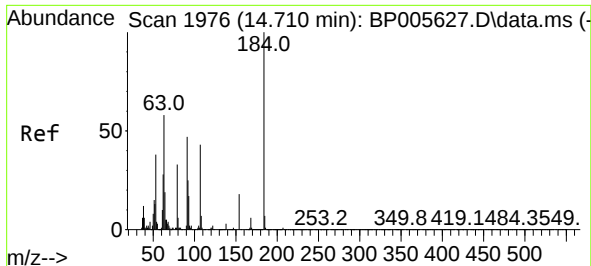
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 199   |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 74.9  | 67.4  | 101.0 |
| 89        | 81.7  | 73.8  | 110.6 |



#53  
3-Nitroaniline  
Concen: 3.67 ng  
RT: 14.516 min Scan# 1943  
Delta R.T. 0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 140    |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 49.8  | 10.2  | 15.4#  |
| 92        | 52.6  | 108.1 | 162.1# |

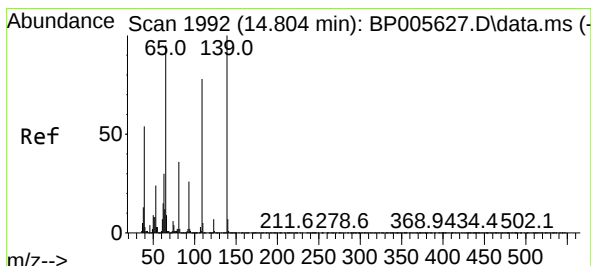
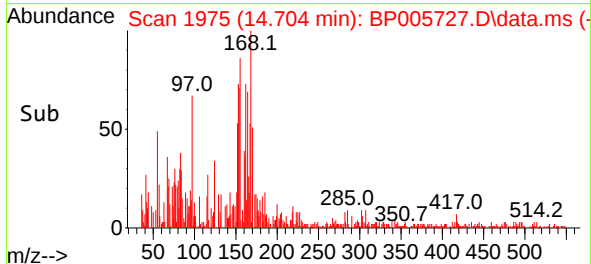
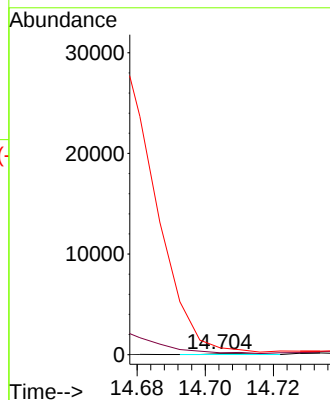
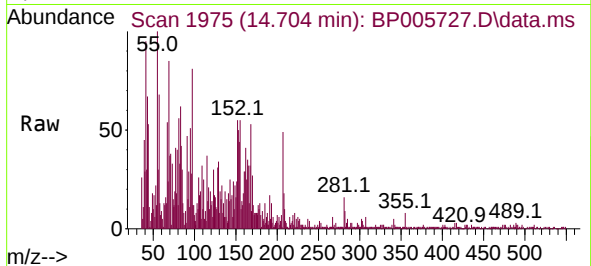




#54  
2,4-Dinitrophenol  
Concen: 6.55 ng  
RT: 14.704 min Scan# 1975  
Delta R.T. -0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

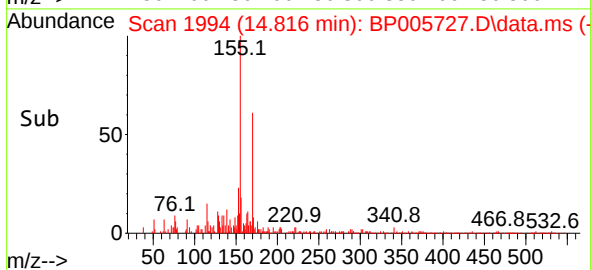
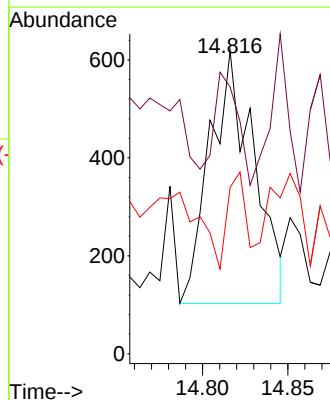
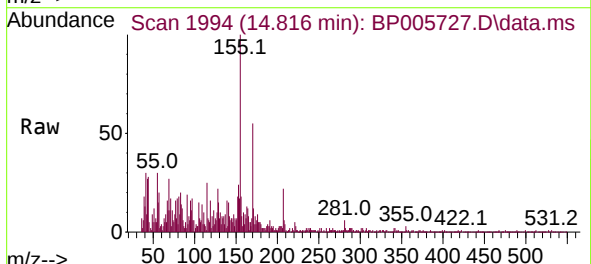
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

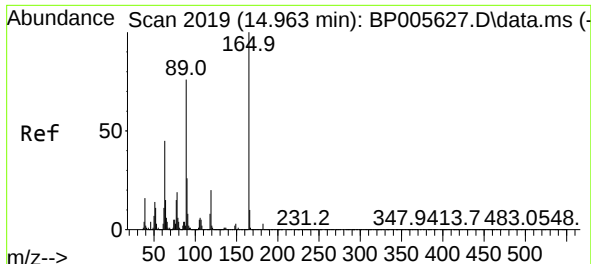
Tgt Ion:184 Resp: 69  
Ion Ratio Lower Upper  
184 100  
63 210.6 51.2 76.8#  
154 720.2 55.8 83.8#



#56  
4-Nitrophenol  
Concen: 3.91 ng  
RT: 14.816 min Scan# 1994  
Delta R.T. 0.012 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:139 Resp: 928  
Ion Ratio Lower Upper  
139 100  
109 88.0 122.8 162.8#  
65 54.9 110.0 150.0#

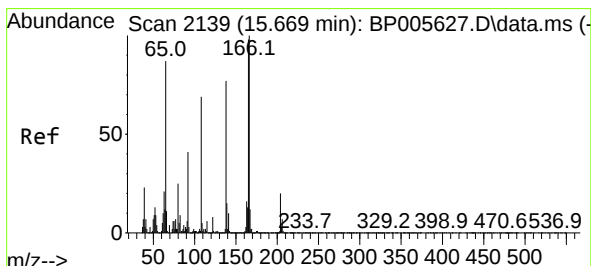
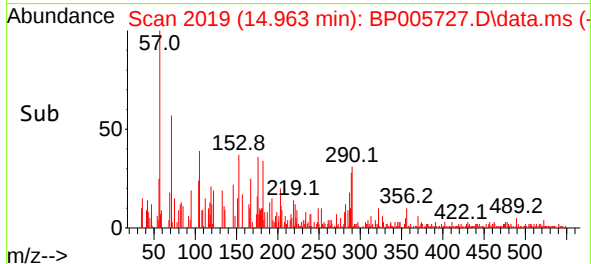
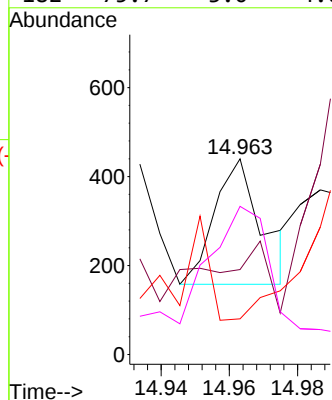
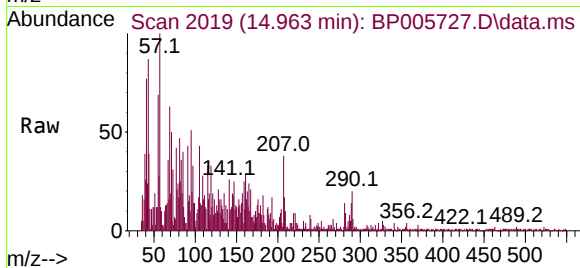




#57  
2,4-Dinitrotoluene  
Concen: 4.29 ng  
RT: 14.963 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

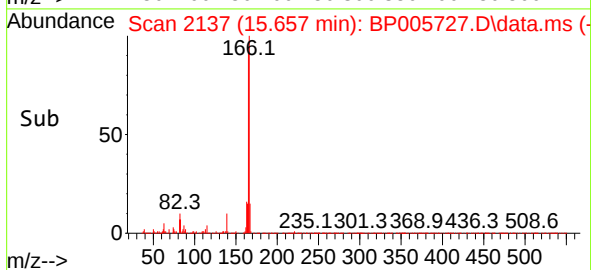
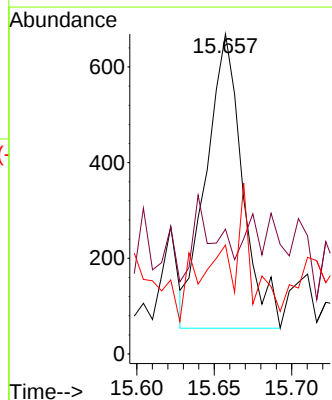
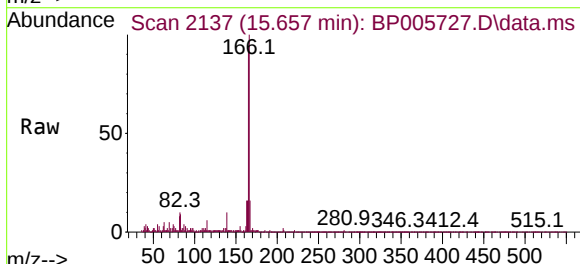
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

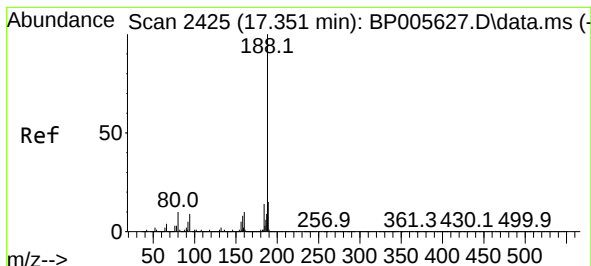
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 273    |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 43.4  | 56.7  | 85.1#  |
| 89       | 18.2  | 85.8  | 128.6# |
| 182      | 75.7  | 3.0   | 4.6#   |



#62  
4-Nitroaniline  
Concen: 3.77 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. -0.012 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 999    |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 39.0  | 50.9  | 90.9#  |
| 108      | 34.1  | 154.7 | 194.7# |





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.357 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

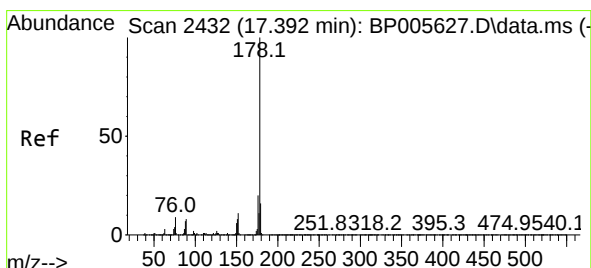
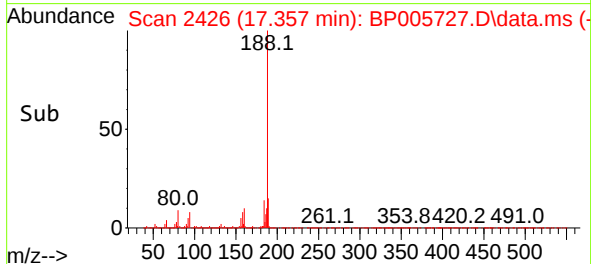
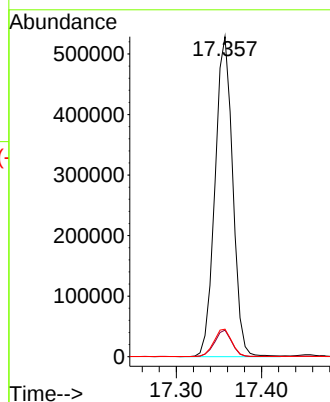
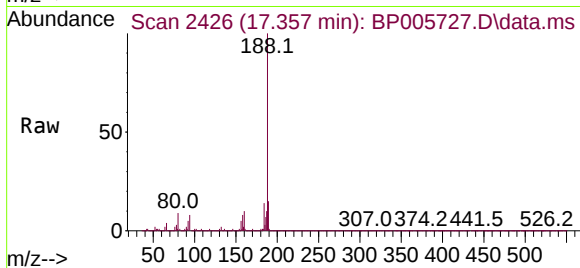
Instrument :

BNA\_P

ClientSampleId :

18-B11(2-4)

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 760467   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 8.3   | 5.0 7.6# |
| 80          | 8.6   | 5.9 8.9  |



#71

Phenanthrene

Concen: 10.27 ng

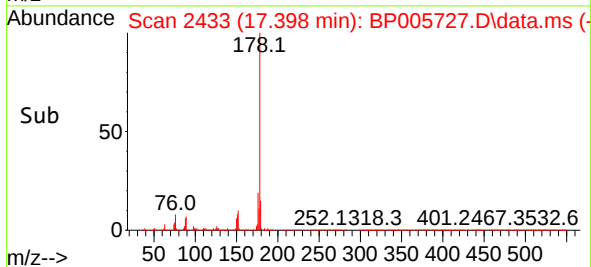
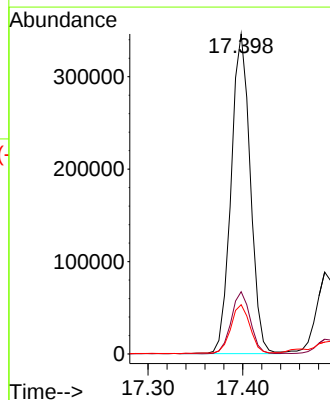
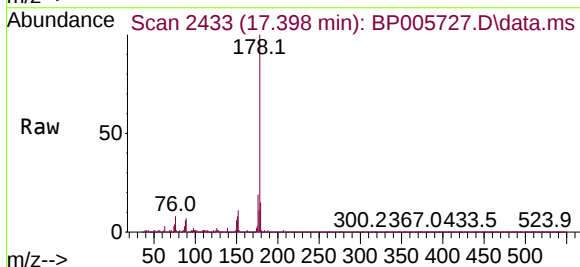
RT: 17.398 min Scan# 2433

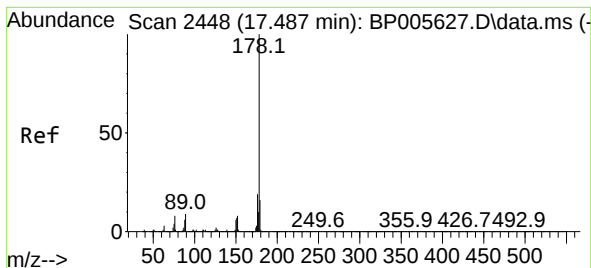
Delta R.T. 0.006 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 486393    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.5  | 15.4 23.2 |
| 179         | 15.4  | 12.3 18.5 |





#72

Anthracene

Concen: 2.66 ng

RT: 17.487 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

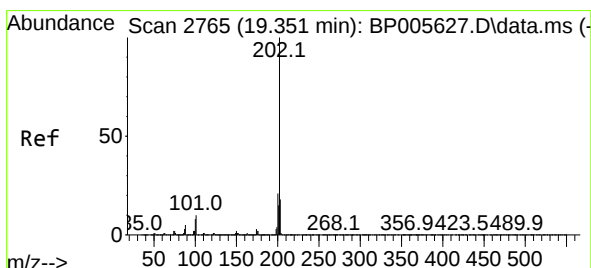
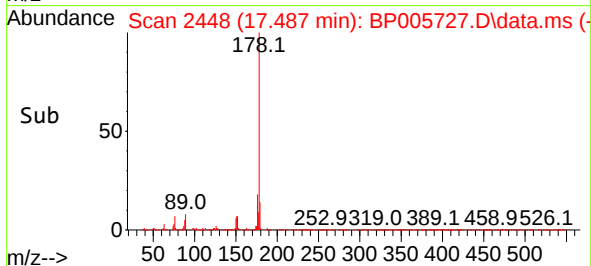
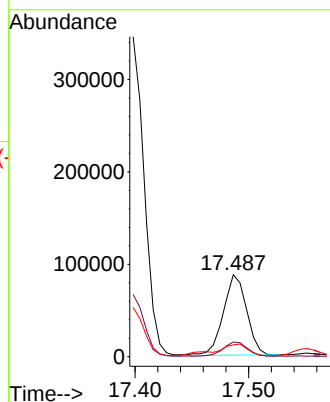
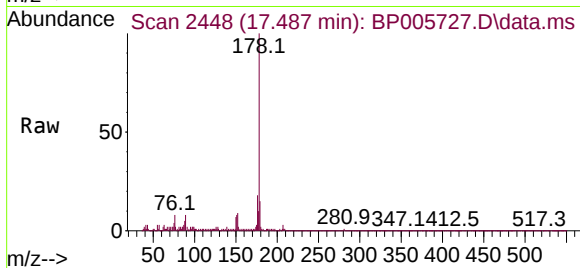
Tgt Ion:178 Resp: 124248

Ion Ratio Lower Upper

178 100

176 18.1 15.2 22.8

179 14.5 12.6 19.0



#75

Fluoranthene

Concen: 9.77 ng

RT: 19.357 min Scan# 2766

Delta R.T. 0.006 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

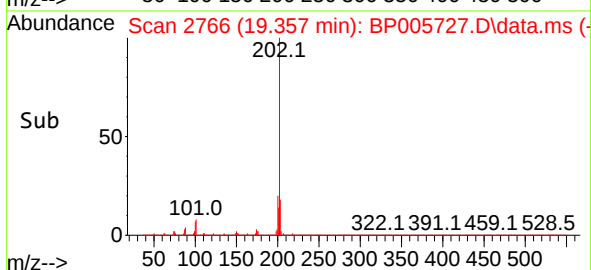
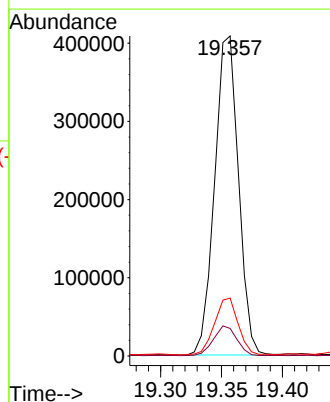
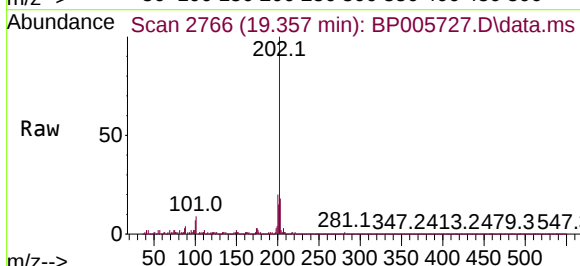
Tgt Ion:202 Resp: 555630

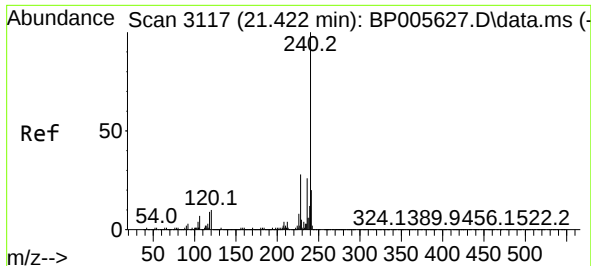
Ion Ratio Lower Upper

202 100

101 8.6 0.0 26.1

203 18.1 0.0 37.2

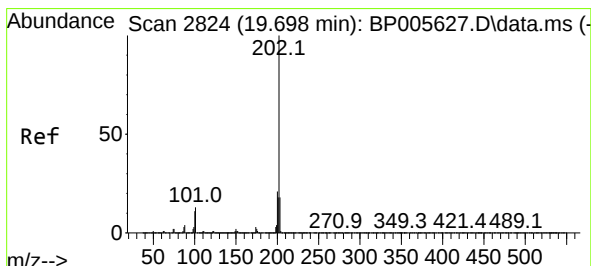
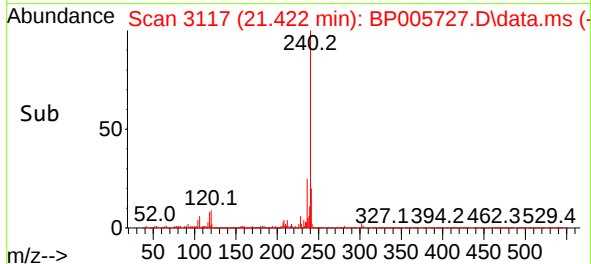
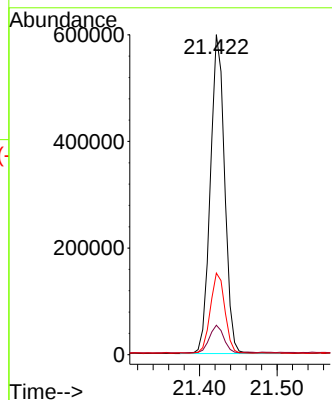
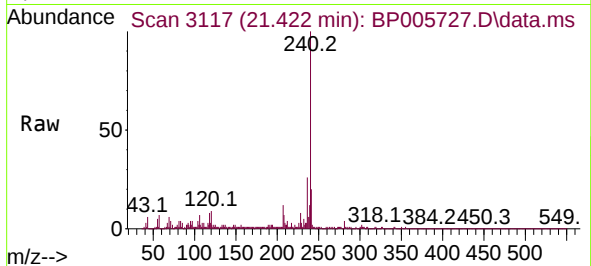




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.422 min Scan# 3117  
Delta R.T. -0.000 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

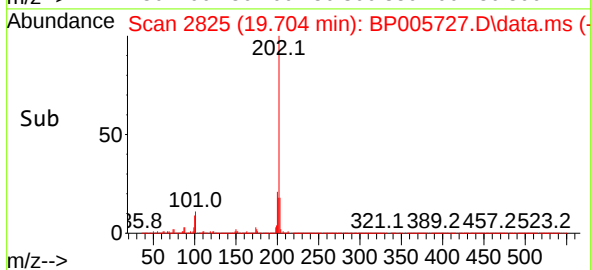
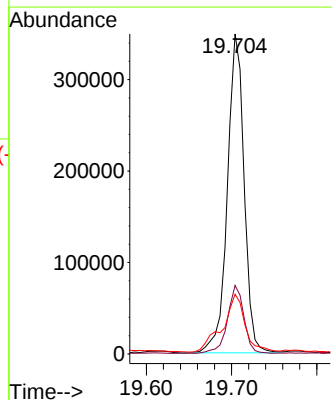
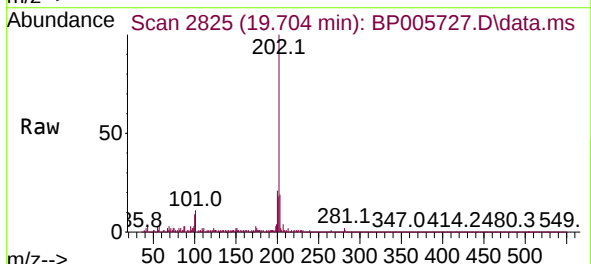
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

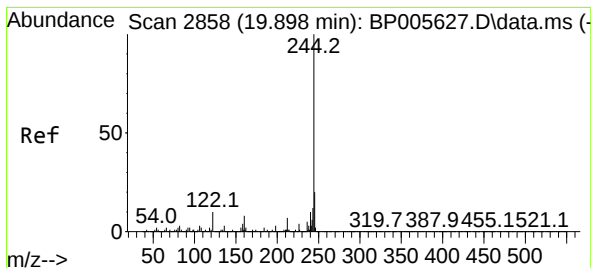
Tgt Ion:240 Resp: 764492  
Ion Ratio Lower Upper  
240 100  
120 9.2 4.2 6.2#  
236 25.5 20.2 30.2



#78  
Pyrene  
Concen: 8.83 ng  
RT: 19.704 min Scan# 2825  
Delta R.T. 0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:202 Resp: 476190  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.9 25.3  
203 18.7 13.8 20.6





#79

Terphenyl-d14

Concen: 7.30 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

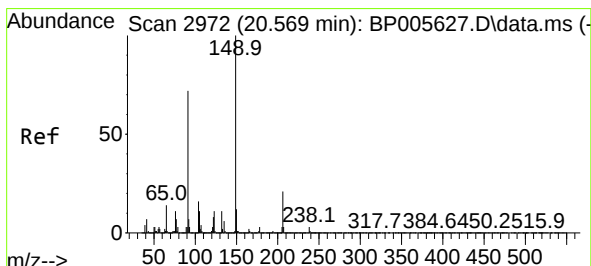
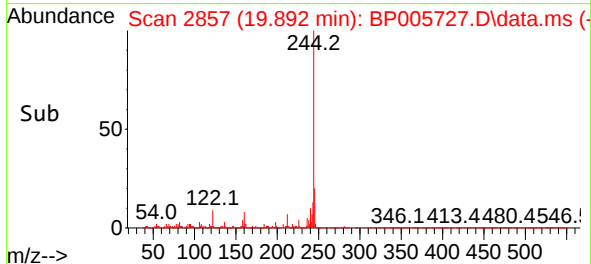
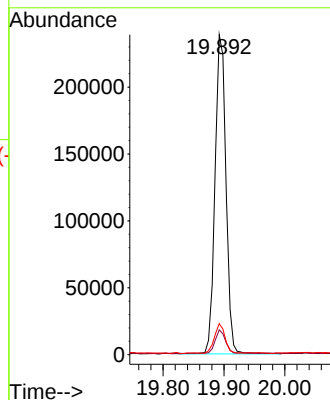
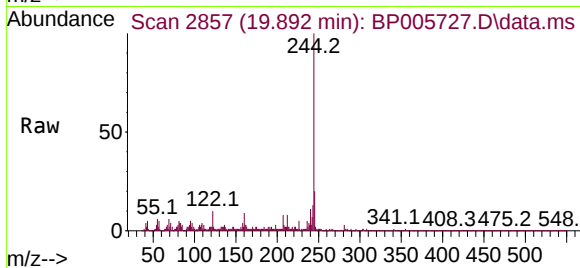
Instrument :

BNA\_P

ClientSampleId :

18-B11(2-4)

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 297432   |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.8   | 5.8 8.6  |
| 122         | 9.7   | 5.2 7.8# |



#80

Butylbenzylphthalate

Concen: 6.42 ng

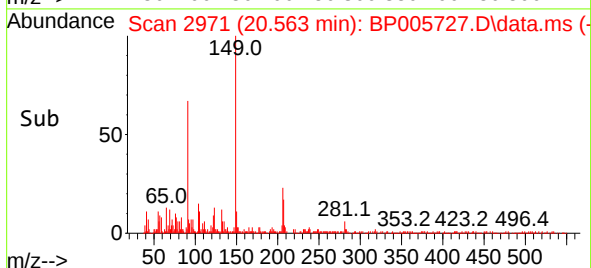
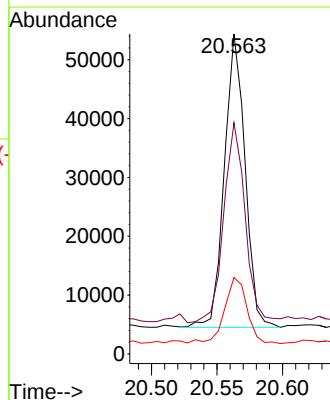
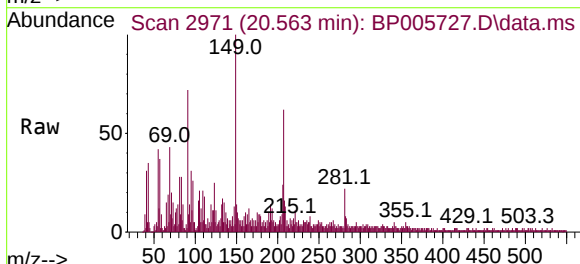
RT: 20.563 min Scan# 2971

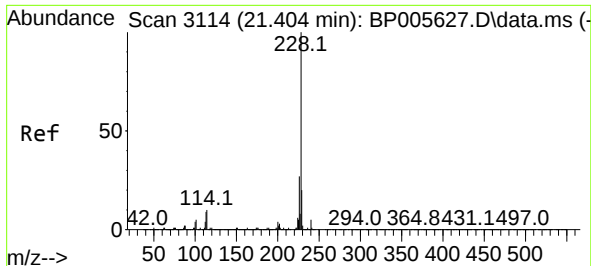
Delta R.T. -0.006 min

Lab File: BP005727.D

Acq: 04 Jun 2021 23:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 54656     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 91          | 72.2  | 60.2 90.4 |
| 206         | 23.9  | 23.9 35.9 |

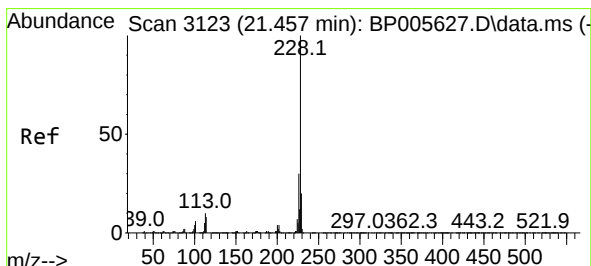
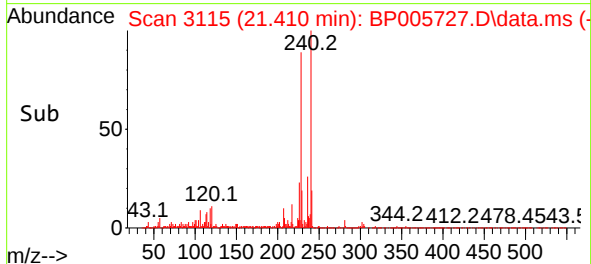
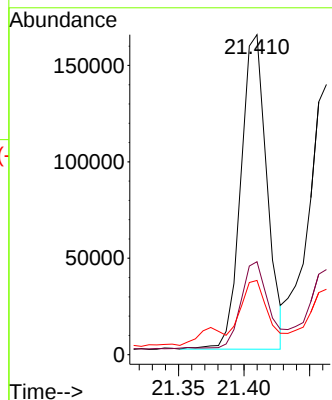
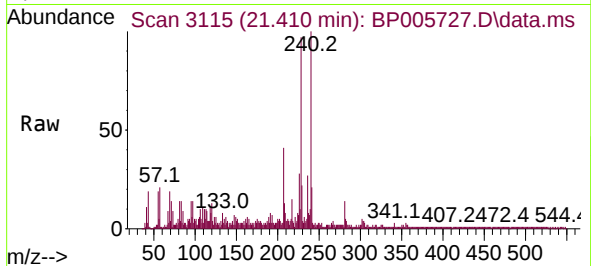




#81  
Benzo(a)anthracene  
Concen: 4.02 ng  
RT: 21.410 min Scan# 3115  
Delta R.T. 0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

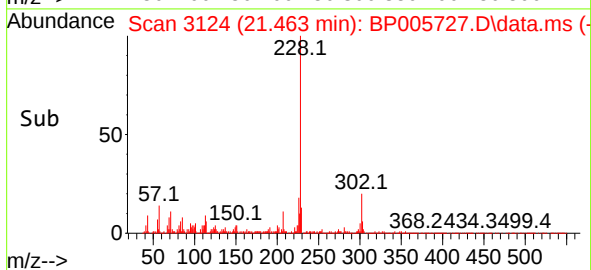
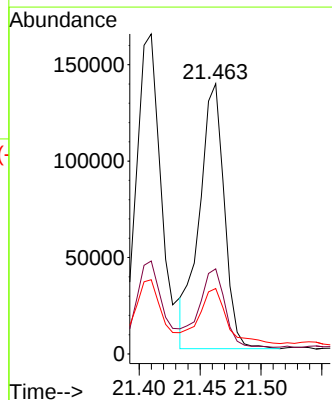
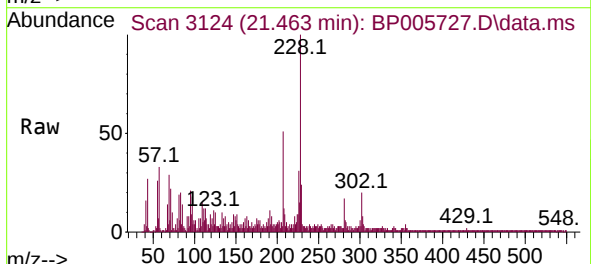
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

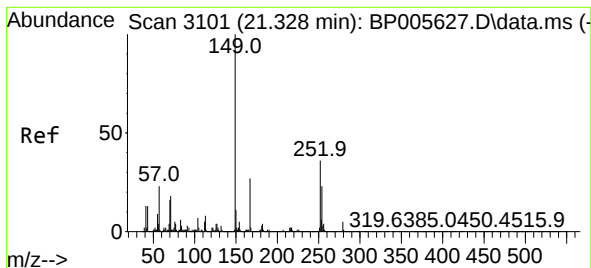
Tgt Ion:228 Resp: 225678  
Ion Ratio Lower Upper  
228 100  
226 29.0 21.2 31.8  
229 23.2 15.6 23.4



#83  
Chrysene  
Concen: 3.62 ng  
RT: 21.463 min Scan# 3124  
Delta R.T. 0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:228 Resp: 196444  
Ion Ratio Lower Upper  
228 100  
226 31.5 24.8 37.2  
229 24.2 15.4 23.0#

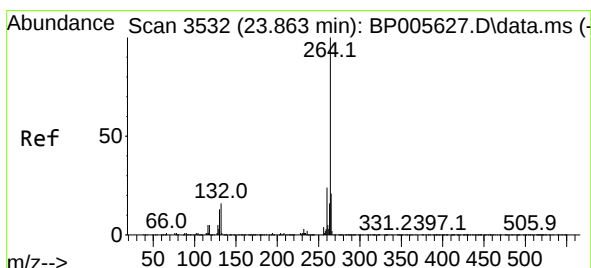
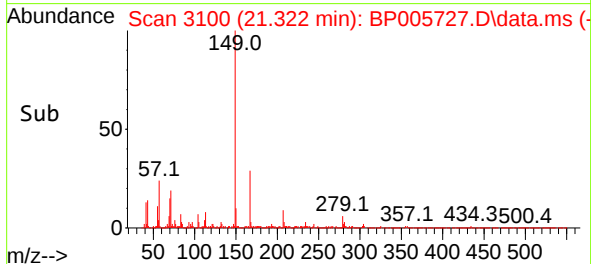
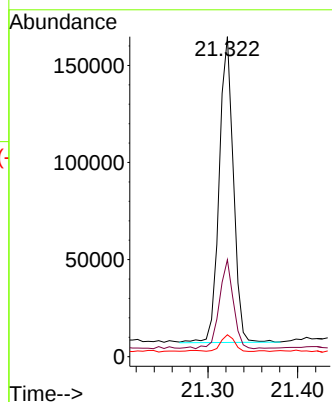
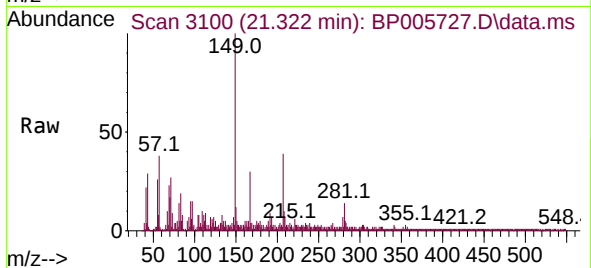




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.67 ng  
RT: 21.322 min Scan# 3100  
Delta R.T. -0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

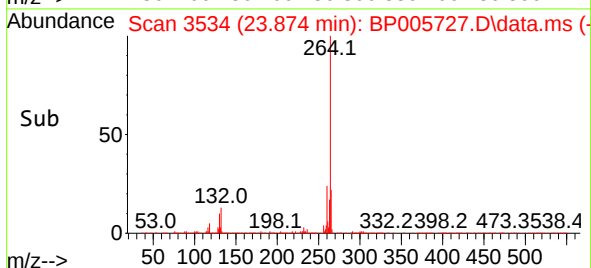
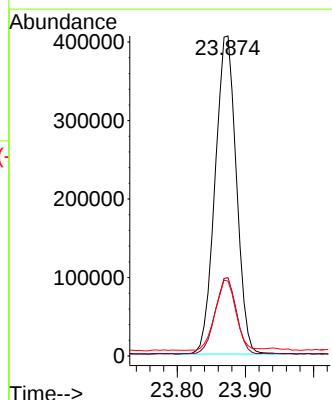
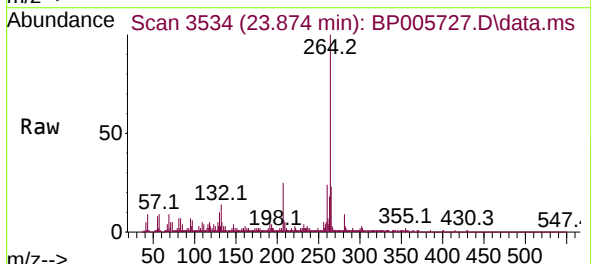
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

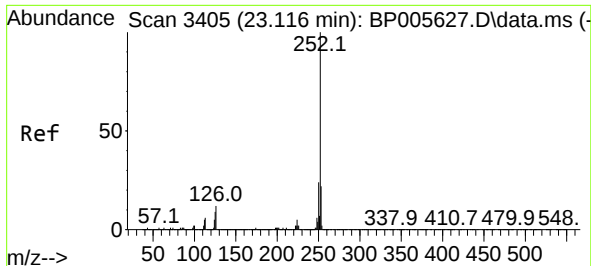
Tgt Ion:149 Resp: 172870  
Ion Ratio Lower Upper  
149 100  
167 30.3 23.8 35.8  
279 6.9 5.7 8.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.874 min Scan# 3534  
Delta R.T. 0.012 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:264 Resp: 880434  
Ion Ratio Lower Upper  
264 100  
260 24.5 20.6 30.8  
265 23.4 19.0 28.6

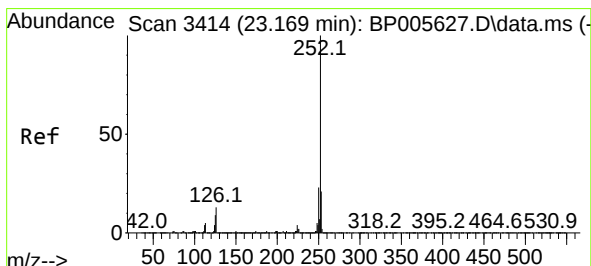
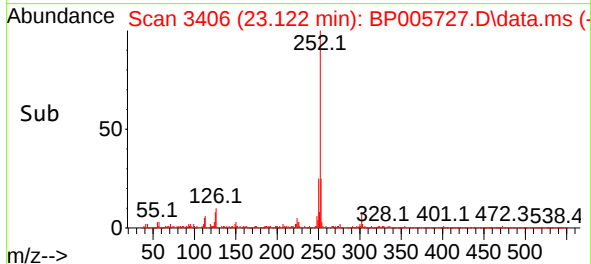
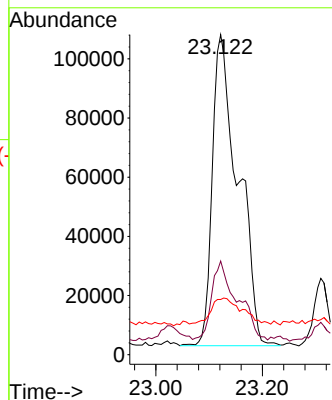
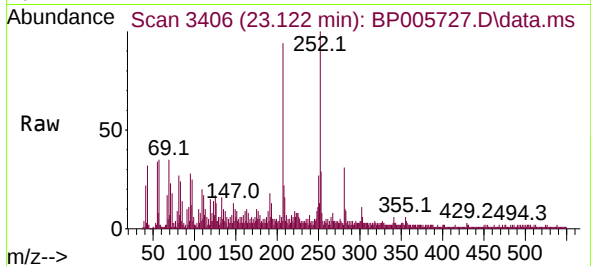




#88  
Benzo(b)fluoranthene  
Concen: 5.53 ng  
RT: 23.122 min Scan# 3406  
Delta R.T. 0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

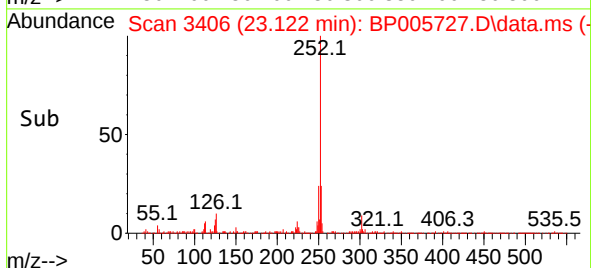
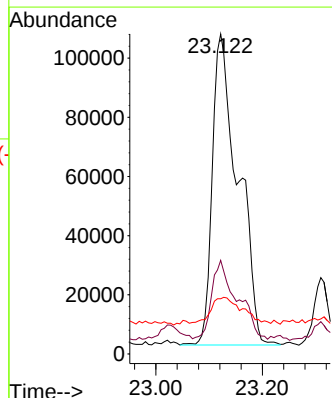
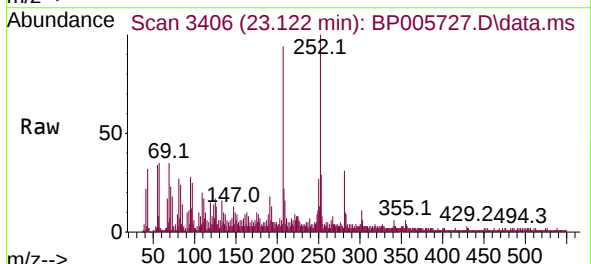
Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

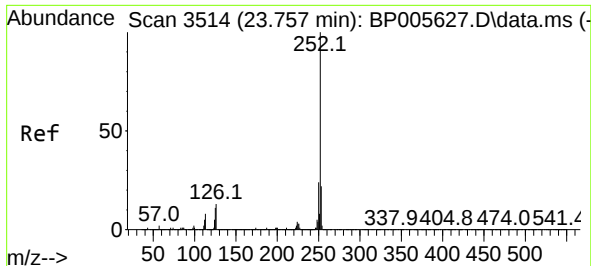
Tgt Ion:252 Resp: 353211  
Ion Ratio Lower Upper  
252 100  
253 29.2 18.2 27.2#  
125 17.3 3.4 5.0#



#89  
Benzo(k)fluoranthene  
Concen: 5.84 ng  
RT: 23.122 min Scan# 3406  
Delta R.T. -0.047 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:252 Resp: 353211  
Ion Ratio Lower Upper  
252 100  
253 29.2 17.2 25.8#  
125 17.3 3.8 5.6#

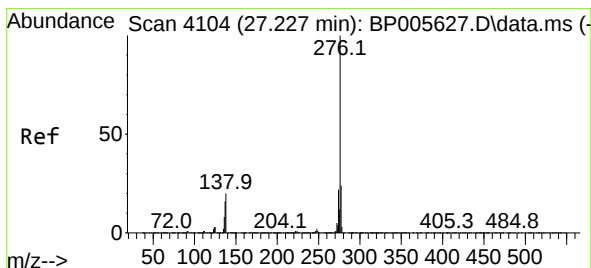
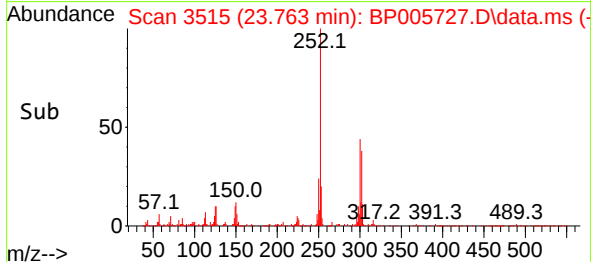
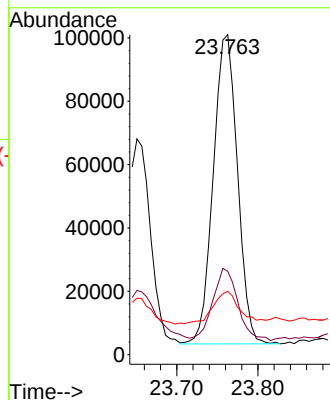
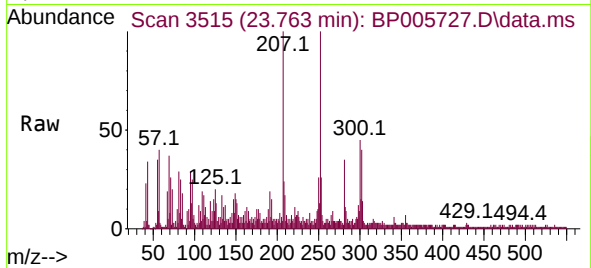




#90  
Benzo(a)pyrene  
Concen: 3.48 ng  
RT: 23.763 min Scan# 3515  
Delta R.T. 0.006 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Instrument :  
BNA\_P  
ClientSampleId :  
18-B11(2-4)

Tgt Ion:252 Resp: 202324  
Ion Ratio Lower Upper  
252 100  
253 26.1 17.1 25.7#  
125 19.8 3.8 5.6#



#92  
Benzo(g,h,i)perylene  
Concen: 2.15 ng  
RT: 27.245 min Scan# 4107  
Delta R.T. 0.018 min  
Lab File: BP005727.D  
Acq: 04 Jun 2021 23:58

Tgt Ion:276 Resp: 134623  
Ion Ratio Lower Upper  
276 100  
277 29.4 19.8 29.8  
138 21.3 7.7 11.5#

