

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060321\  
 Data File : BP005701.D  
 Acq On : 03 Jun 2021 23:12  
 Operator : CG/JU  
 Sample : M2580-12DL 10X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B4(4-6)DL

Quant Time: Jun 04 01:06:08 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

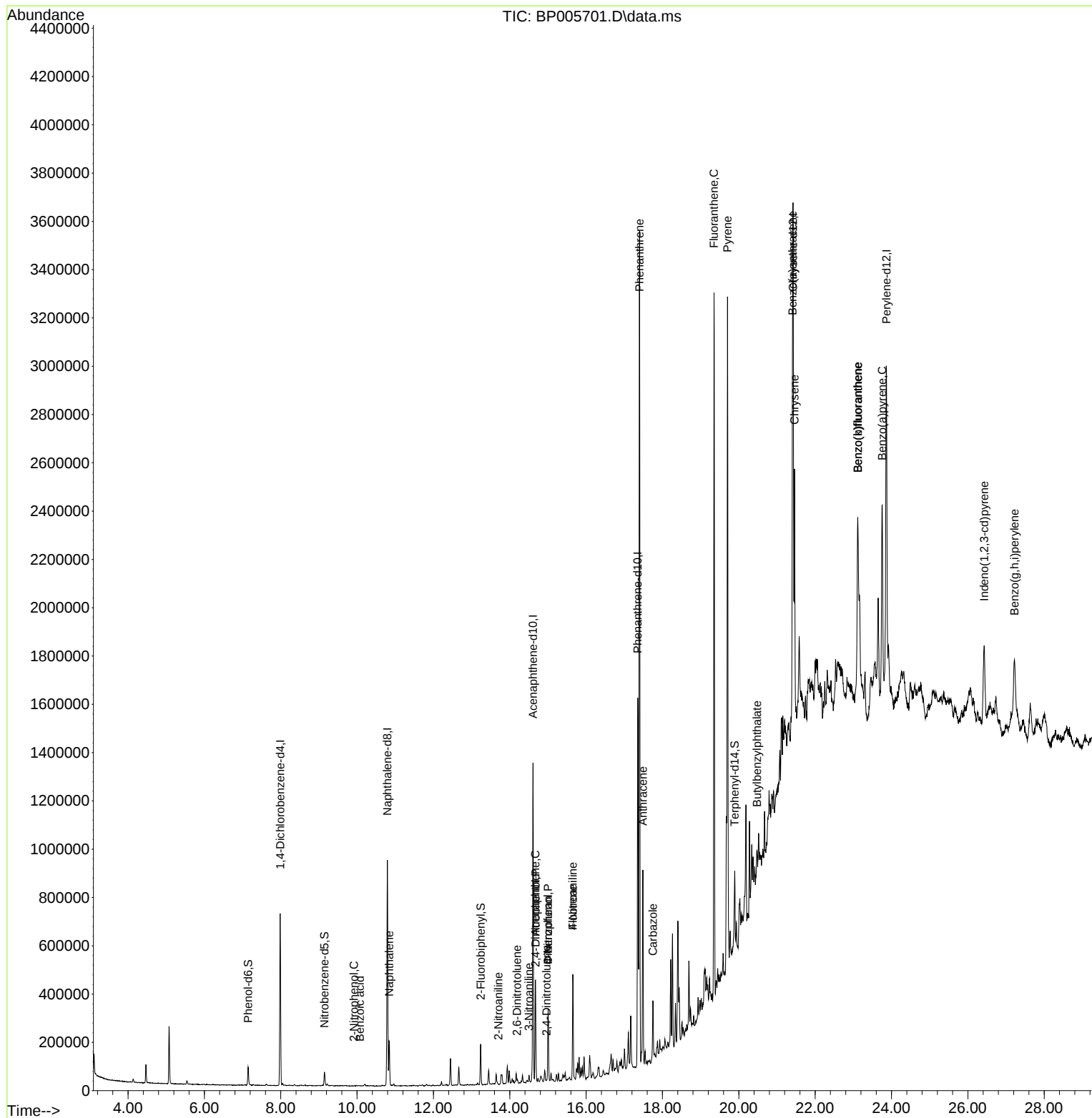
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.987  | 152  | 193241   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.793 | 136  | 747315   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.610 | 164  | 446738   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.351 | 188  | 912113   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.422 | 240  | 902858   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12            | 23.868 | 264  | 1034610  | 20.00 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.546  | 112  | 7432     | 0.60  | ng    | 0.00     |
| 7) Phenol-d6                | 7.146  | 99   | 43994    | 2.60  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.146  | 82   | 33150    | 2.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.098 | 330  | 475      | 0.08  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.240 | 172  | 86163    | 2.55  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.892 | 244  | 131120   | 2.73  | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 26) 2-Nitrophenol           | 9.916  | 139  | 58       | 4.16  | ng    | # 1      |
| 31) Naphthalene             | 10.840 | 128  | 150430   | 3.38  | ng    | 96       |
| 32) Benzoic acid            | 10.075 | 122  | 86       | 5.03  | ng    | # 1      |
| 48) 2-Nitroaniline          | 13.704 | 65   | 78       | 4.50  | ng    | # 56     |
| 51) 2,6-Dinitrotoluene      | 14.187 | 165  | 111      | 5.07  | ng    | # 31     |
| 52) Acenaphthene            | 14.669 | 154  | 152871   | 5.12  | ng    | 94       |
| 53) 3-Nitroaniline          | 14.504 | 138  | 55       | 3.66  | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.681 | 184  | 37       | 6.54  | ng    | # 1      |
| 55) Dibenzofuran            | 15.004 | 168  | 170225   | 3.72  | ng    | 97       |
| 56) 4-Nitrophenol           | 15.004 | 139  | 63388    | 12.86 | ng    | # 1      |
| 57) 2,4-Dinitrotoluene      | 14.963 | 165  | 296      | 4.29  | ng    | # 25     |
| 58) Fluorene                | 15.651 | 166  | 183473   | 5.01  | ng    | 99       |
| 62) 4-Nitroaniline          | 15.651 | 138  | 2164     | 3.88  | ng    | # 1      |
| 71) Phenanthrene            | 17.398 | 178  | 2140642  | 37.67 | ng    | 99       |
| 72) Anthracene              | 17.486 | 178  | 487479   | 8.69  | ng    | 99       |
| 73) Carbazole               | 17.751 | 167  | 149599   | 2.71  | ng    | 98       |
| 75) Fluoranthene            | 19.351 | 202  | 1695218  | 24.85 | ng    | 97       |
| 78) Pyrene                  | 19.704 | 202  | 1694676  | 26.60 | ng    | 99       |
| 80) Butylbenzylphthalate    | 20.480 | 149  | 911      | 4.16  | ng    | 92       |
| 81) Benzo(a)anthracene      | 21.404 | 228  | 638217   | 9.63  | ng    | 97       |
| 83) Chrysene                | 21.457 | 228  | 558504   | 8.70  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 26.427 | 276  | 351072   | 3.99  | ng    | # 93     |
| 88) Benzo(b)fluoranthene    | 23.116 | 252  | 682069   | 9.09  | ng    | # 94     |
| 89) Benzo(k)fluoranthene    | 23.116 | 252  | 682069   | 9.59  | ng    | # 92     |
| 90) Benzo(a)pyrene          | 23.757 | 252  | 578016   | 8.46  | ng    | # 93     |
| 92) Benzo(g,h,i)perylene    | 27.221 | 276  | 357325   | 4.85  | ng    | # 92     |
| -----                       |        |      |          |       |       |          |

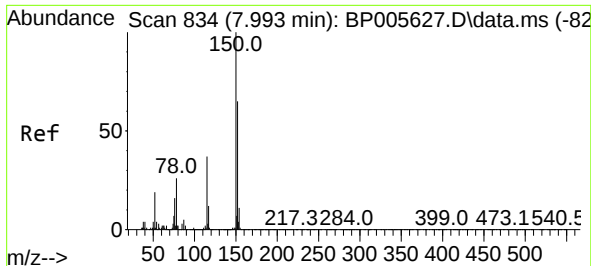
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 27 16:11:11 2021  
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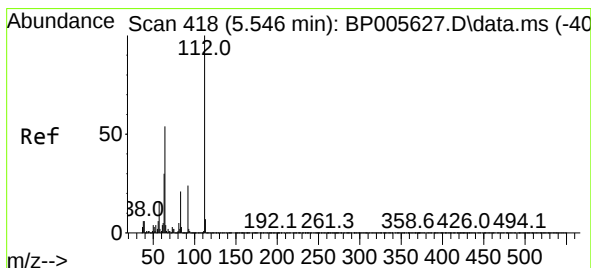
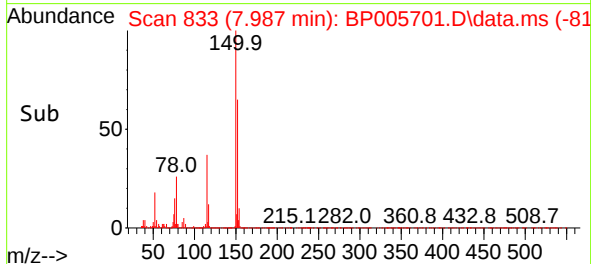
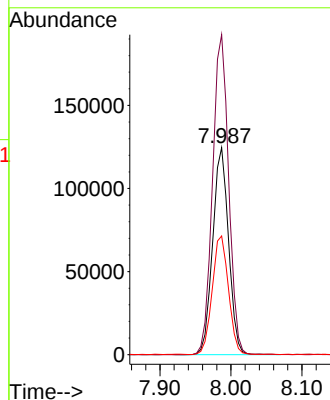
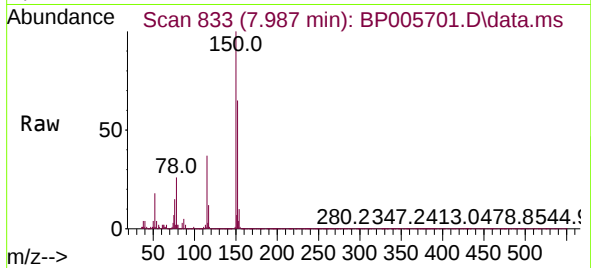




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.987 min Scan# 833  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

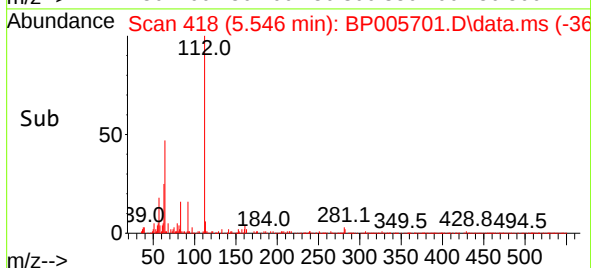
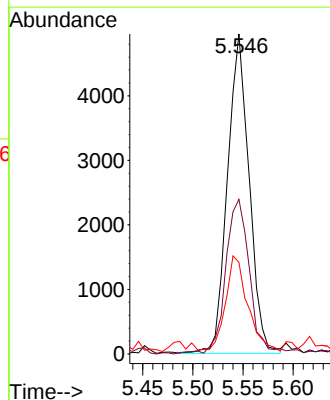
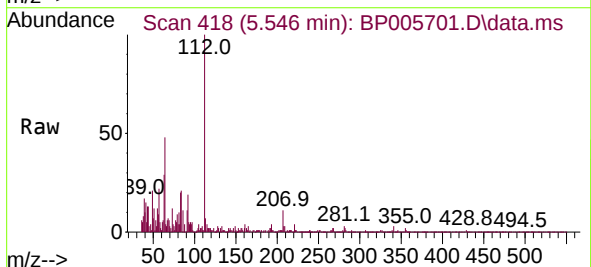
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

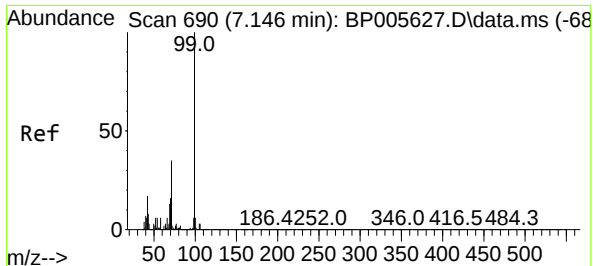
Tgt Ion:152 Resp: 193241  
Ion Ratio Lower Upper  
152 100  
150 154.5 119.8 179.8  
115 57.3 49.0 73.4



#5  
2-Fluorophenol  
Concen: 0.60 ng  
RT: 5.546 min Scan# 418  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:112 Resp: 7432  
Ion Ratio Lower Upper  
112 100  
64 48.3 33.6 50.4  
63 28.7 18.6 27.8#

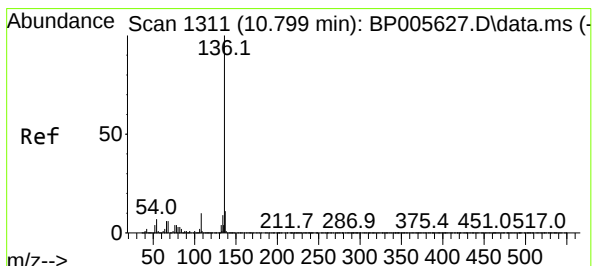
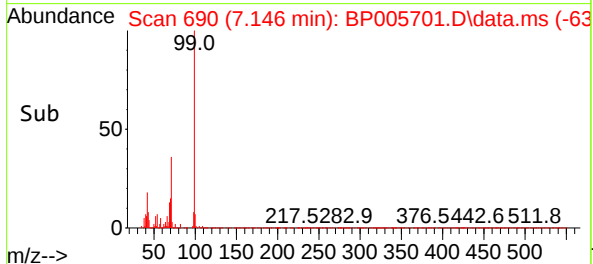
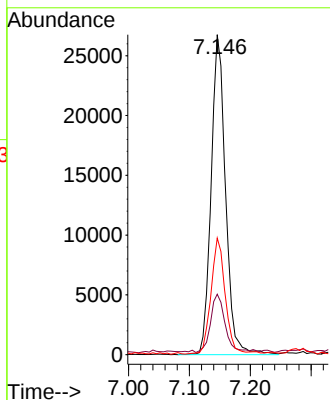
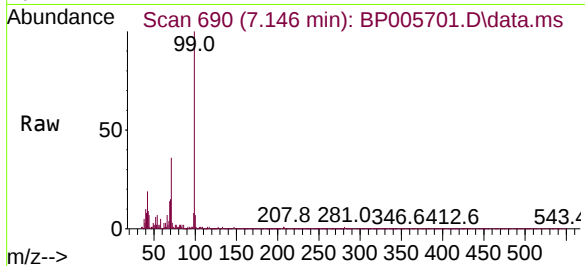




#7  
Phenol-d6  
Concen: 2.60 ng  
RT: 7.146 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

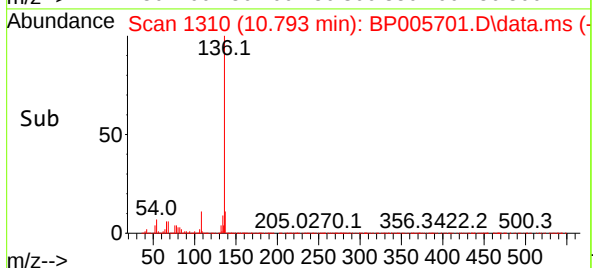
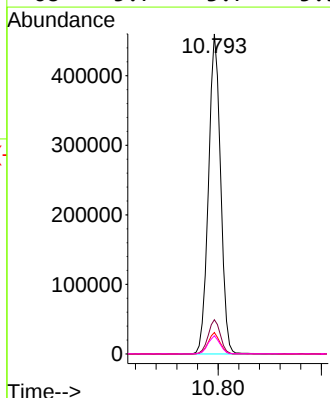
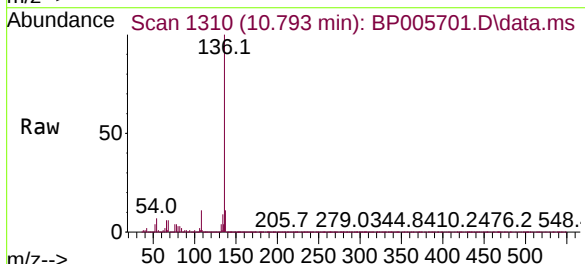
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

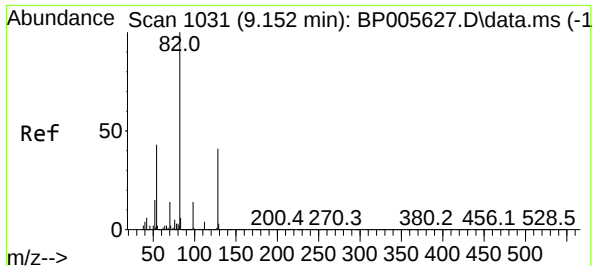
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 43994 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.9  | 12.9  | 19.3  |
| 71       | 36.4  | 26.7  | 40.1  |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.793 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 747315 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.9   | 13.3   |
| 54       | 6.7   | 5.0   | 7.4    |
| 68       | 5.7   | 3.7   | 5.5    |

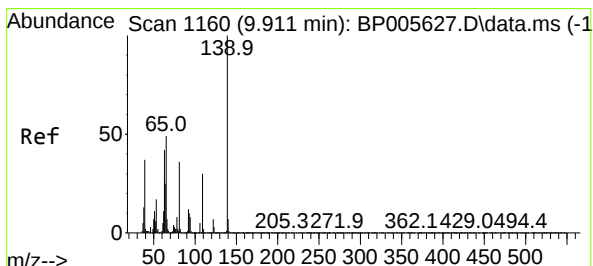
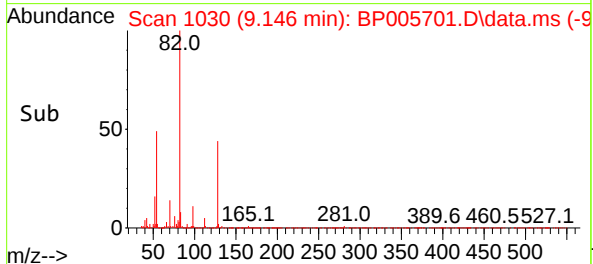
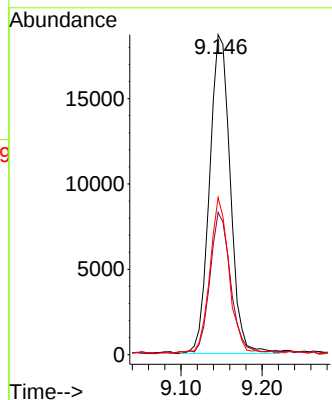
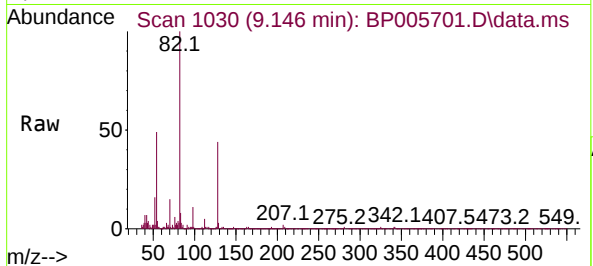




#23  
Nitrobenzene-d5  
Concen: 2.47 ng  
RT: 9.146 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

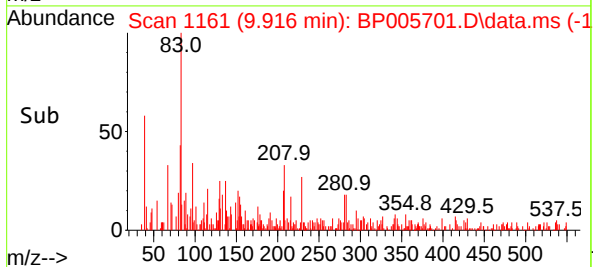
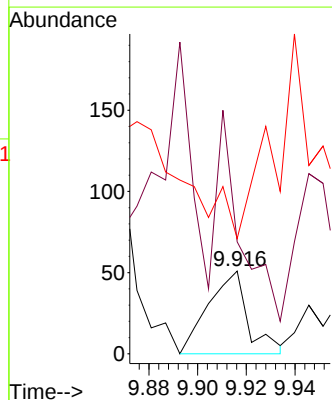
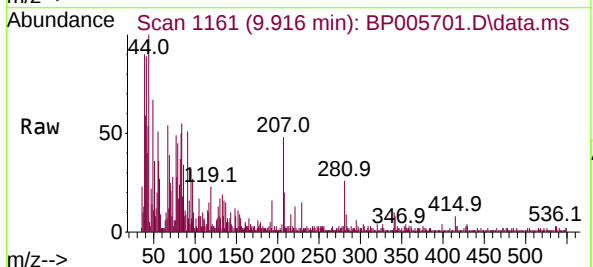
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

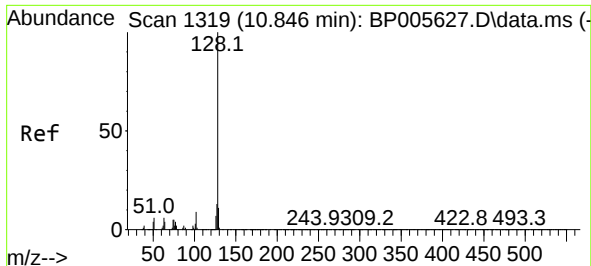
Tgt Ion: 82 Resp: 33150  
Ion Ratio Lower Upper  
82 100  
128 44.5 30.5 45.7  
54 49.1 33.9 50.9



#26  
2-Nitrophenol  
Concen: 4.16 ng  
RT: 9.916 min Scan# 1161  
Delta R.T. 0.005 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion: 139 Resp: 58  
Ion Ratio Lower Upper  
139 100  
109 178.4 40.7 61.1#  
65 139.2 47.8 71.6#

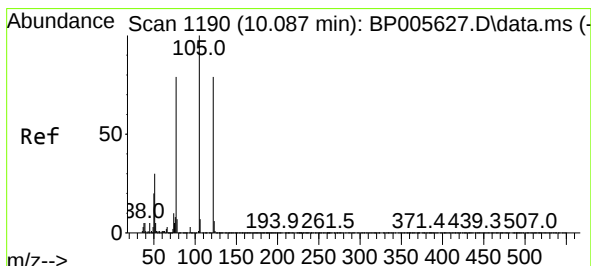
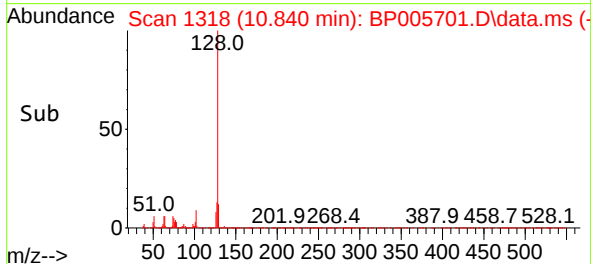
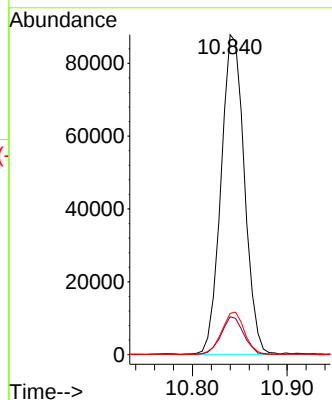
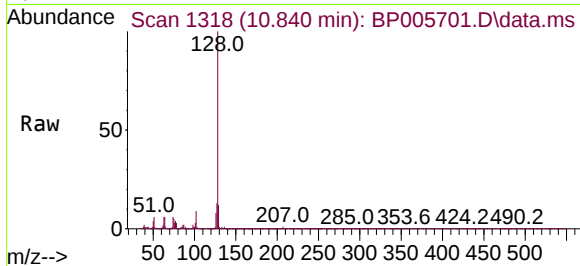




#31  
Naphthalene  
Concen: 3.38 ng  
RT: 10.840 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

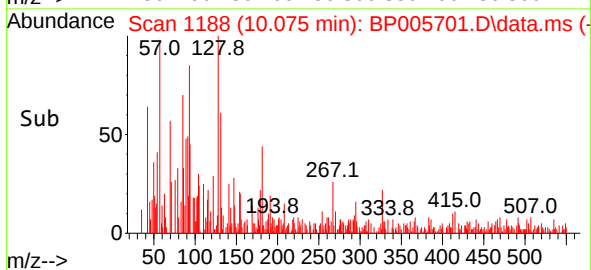
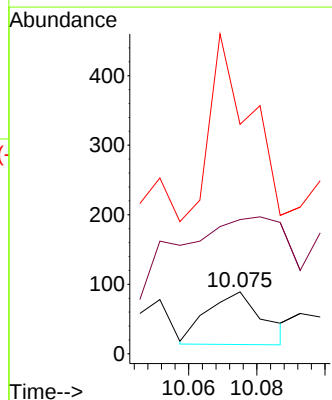
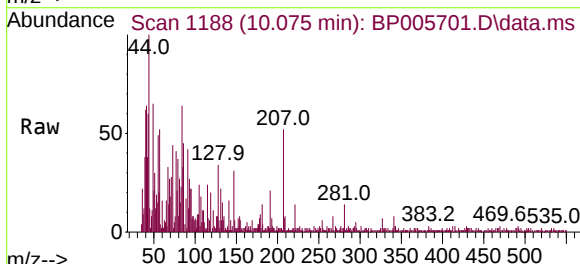
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

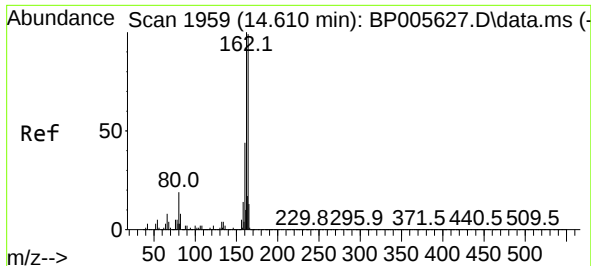
Tgt Ion:128 Resp: 150430  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.0 12.0  
127 12.9 11.1 16.7



#32  
Benzoic acid  
Concen: 5.03 ng  
RT: 10.075 min Scan# 1188  
Delta R.T. -0.012 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:122 Resp: 86  
Ion Ratio Lower Upper  
122 100  
105 216.9 105.1 145.1#  
77 370.8 69.6 109.6#

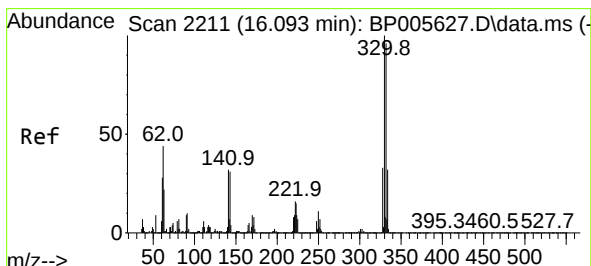
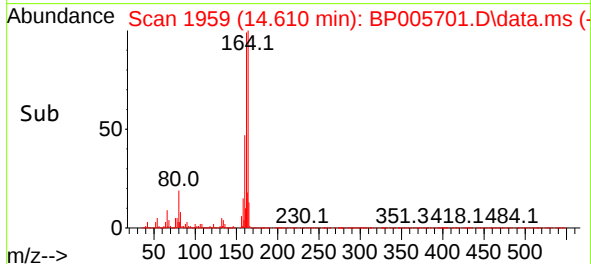
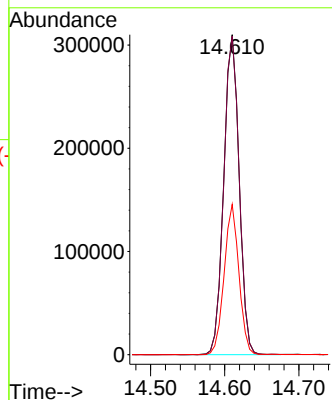
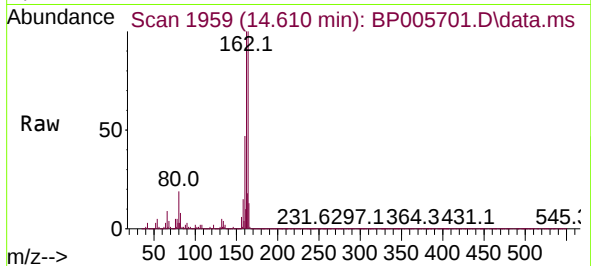




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.610 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

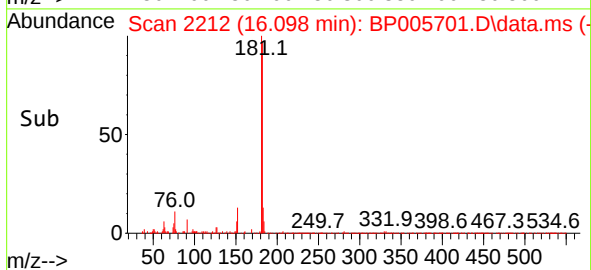
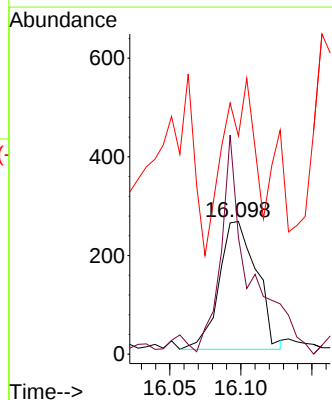
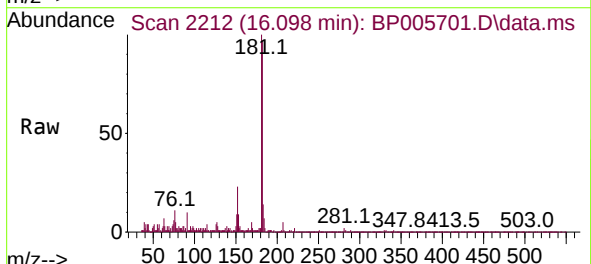
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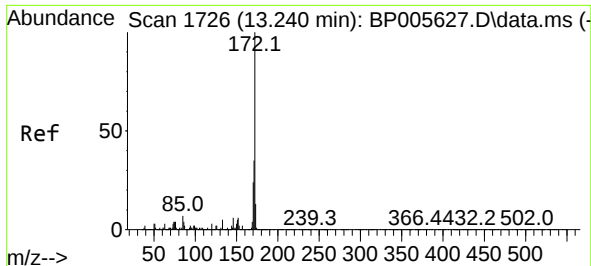
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Ion Ratio Lower Upper  
164 100  
162 99.5 73.5 110.3  
160 46.9 40.6 61.0



#42  
2,4,6-Tribromophenol  
Concen: 0.08 ng  
RT: 16.098 min Scan# 2212  
Delta R.T. 0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:330 Resp: 475  
Ion Ratio Lower Upper  
330 100  
332 133.1 76.3 114.5#  
141 113.7 22.8 34.2#

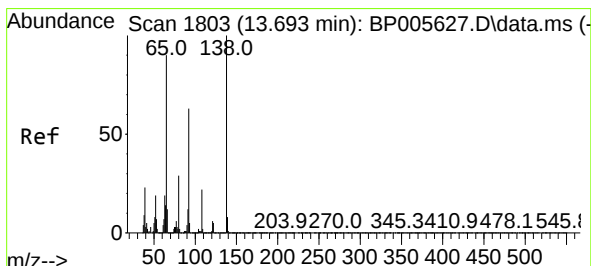
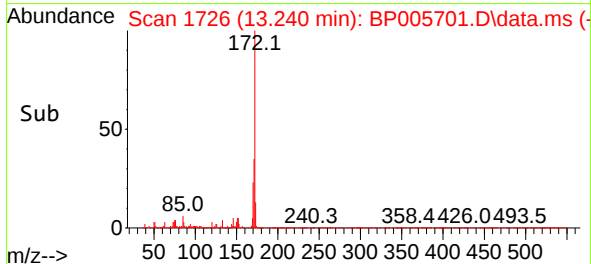
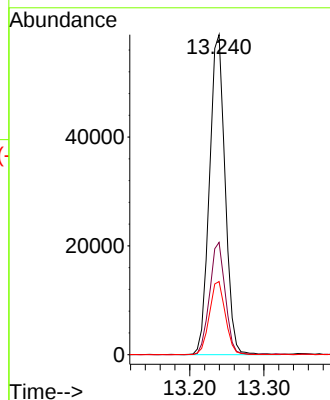
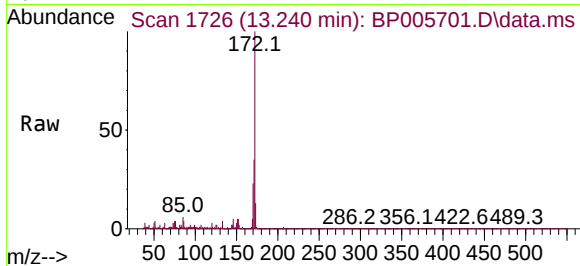




#45  
2-Fluorobiphenyl  
Concen: 2.55 ng  
RT: 13.240 min Scan# 1726  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

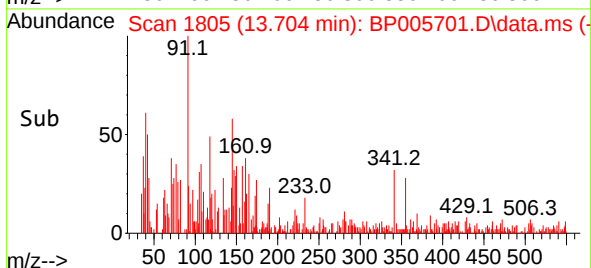
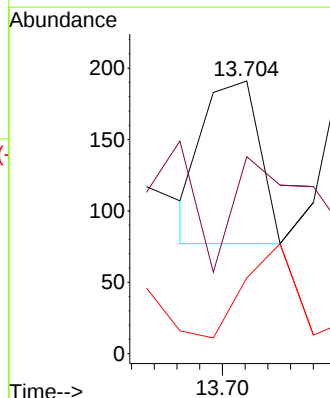
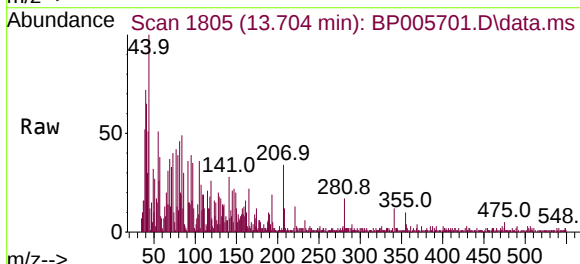
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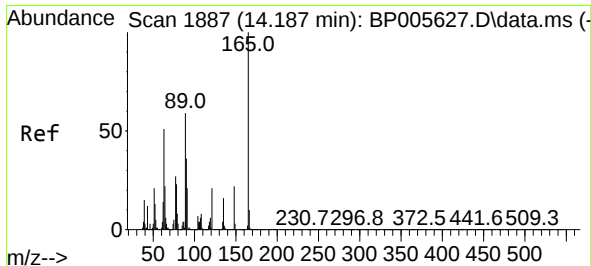
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 86163 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.1  | 28.1  | 42.1  |
| 170       | 22.8  | 19.6  | 29.4  |



#48  
2-Nitroaniline  
Concen: 4.50 ng  
RT: 13.704 min Scan# 1805  
Delta R.T. 0.011 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 78    |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 72.3  | 48.8  | 73.2  |
| 138       | 27.7  | 69.5  | 104.3 |

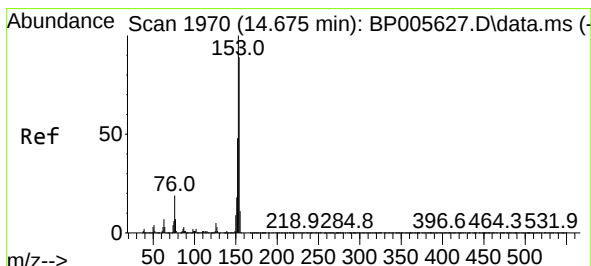
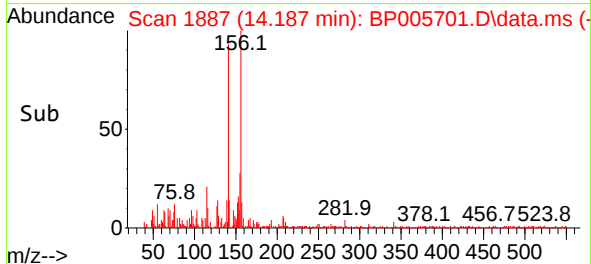
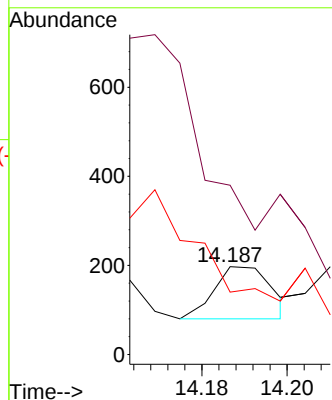
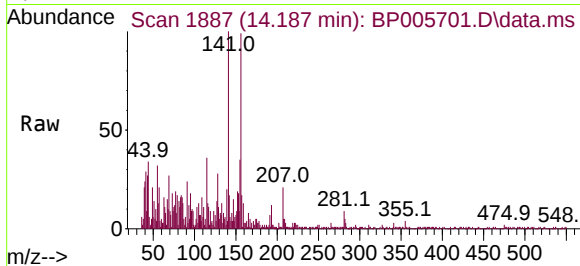




#51  
2,6-Dinitrotoluene  
Concen: 5.07 ng  
RT: 14.187 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

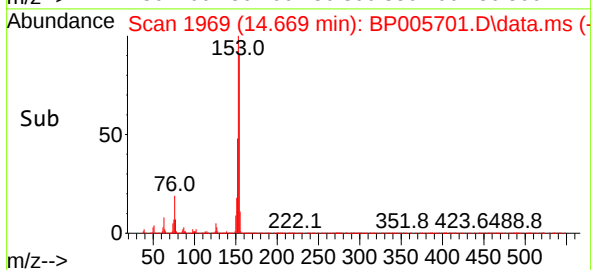
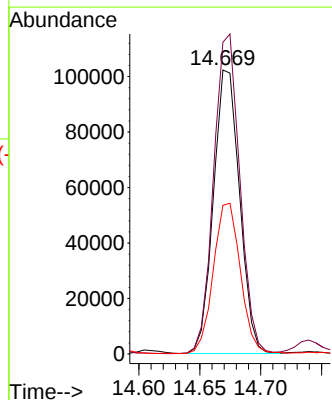
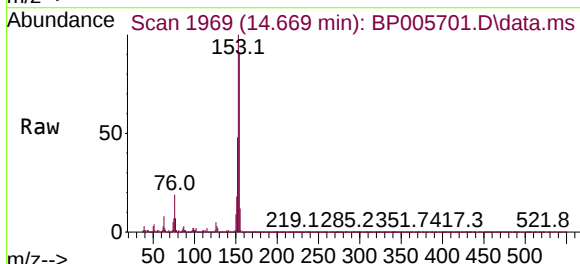
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

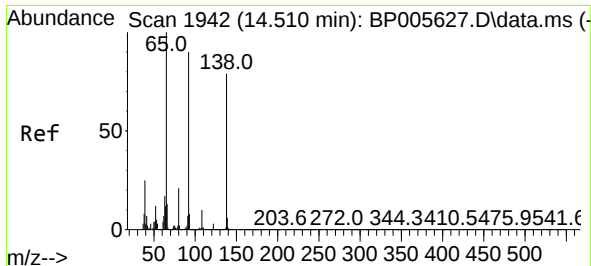
Tgt Ion:165 Resp: 111  
Ion Ratio Lower Upper  
165 100  
63 192.9 67.4 101.0#  
89 71.1 73.8 110.6#



#52  
Acenaphthene  
Concen: 5.12 ng  
RT: 14.669 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:154 Resp: 152871  
Ion Ratio Lower Upper  
154 100  
153 109.7 90.9 136.3  
152 52.3 48.5 72.7

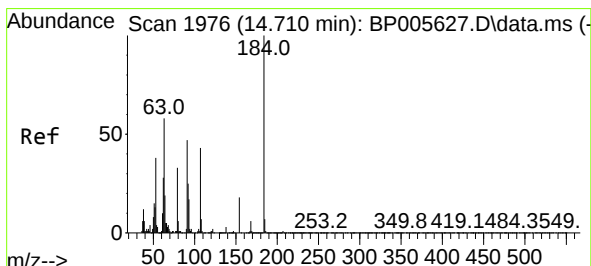
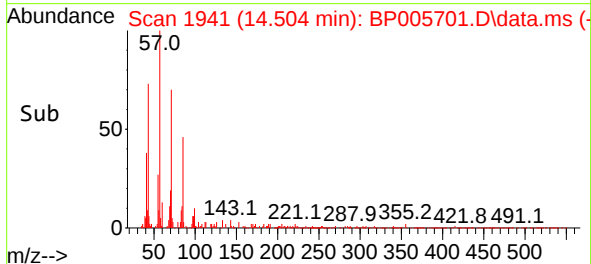
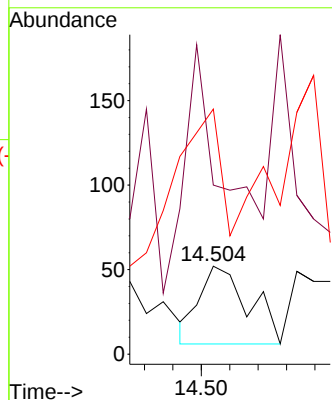
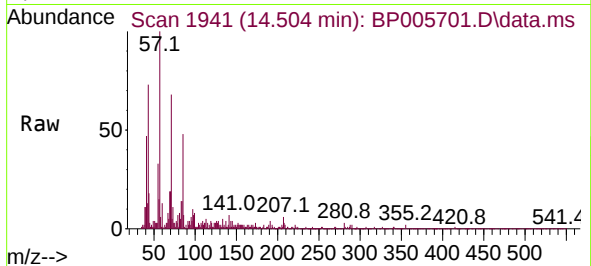




#53  
3-Nitroaniline  
Concen: 3.66 ng  
RT: 14.504 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

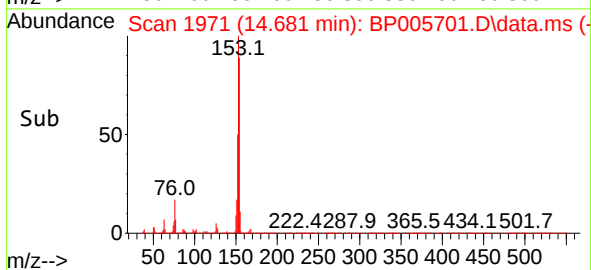
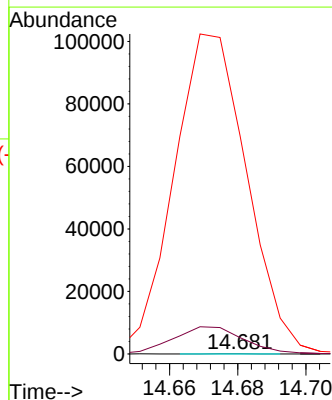
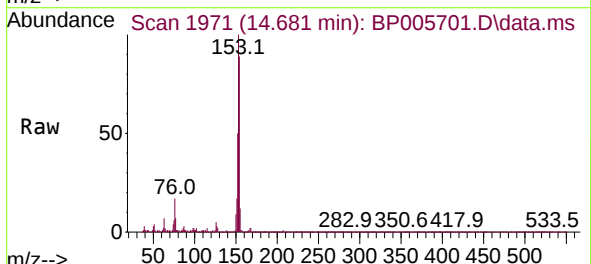
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

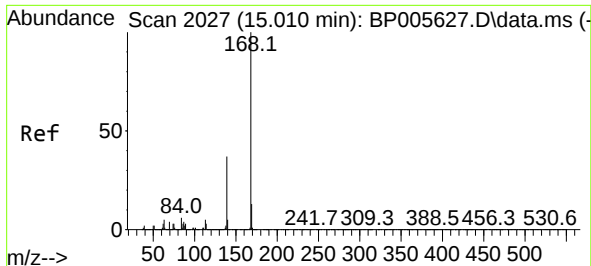
Tgt Ion:138 Resp: 55  
Ion Ratio Lower Upper  
138 100  
108 192.3 10.2 15.4#  
92 278.8 108.1 162.1#



#54  
2,4-Dinitrophenol  
Concen: 6.54 ng  
RT: 14.681 min Scan# 1971  
Delta R.T. -0.029 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:184 Resp: 37  
Ion Ratio Lower Upper  
184 100  
63 8603.3 51.2 76.8#  
154 114583.6 55.8 83.8#

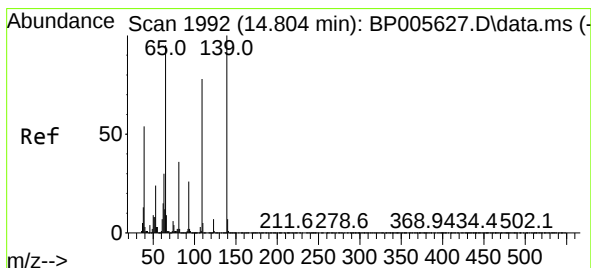
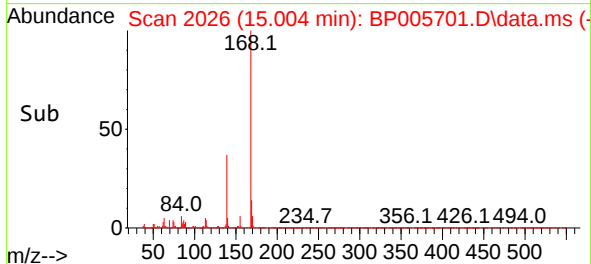
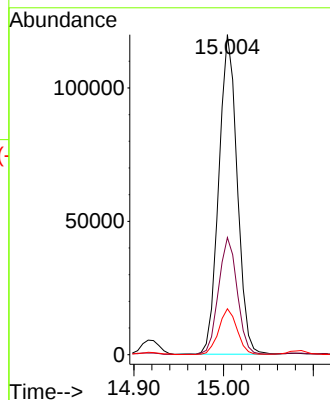
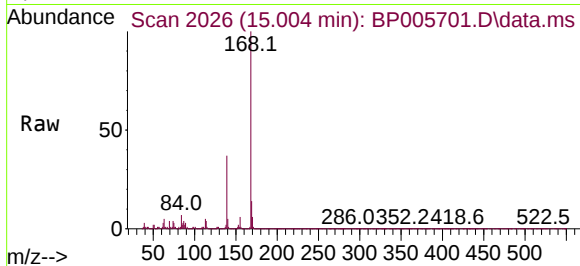




#55  
Dibenzofuran  
Concen: 3.72 ng  
RT: 15.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

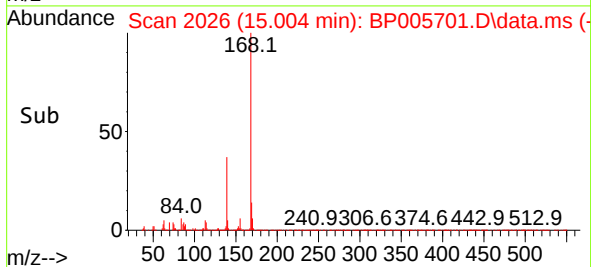
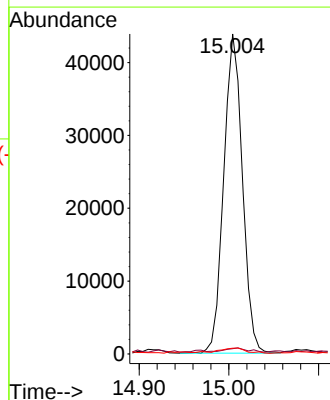
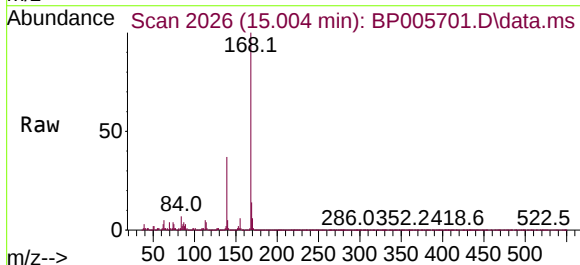
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

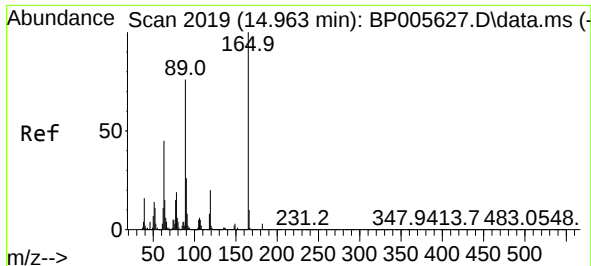
Tgt Ion:168 Resp: 170225  
Ion Ratio Lower Upper  
168 100  
139 36.6 31.4 47.0  
169 14.3 11.4 17.0



#56  
4-Nitrophenol  
Concen: 12.86 ng  
RT: 15.004 min Scan# 2026  
Delta R.T. 0.200 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:139 Resp: 63388  
Ion Ratio Lower Upper  
139 100  
109 1.6 122.8 162.8#  
65 1.8 110.0 150.0#

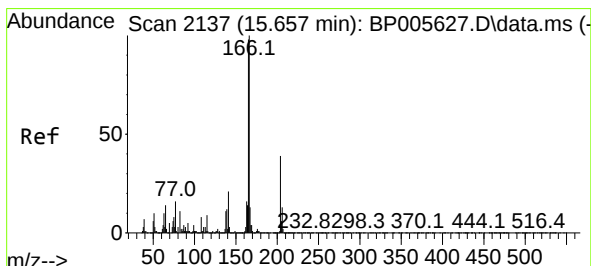
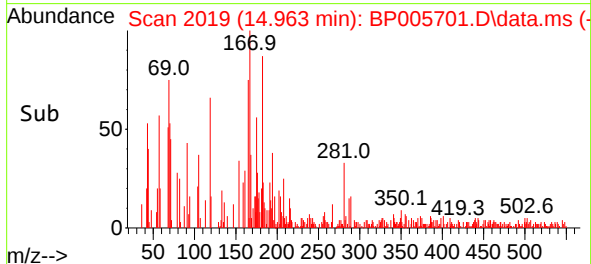
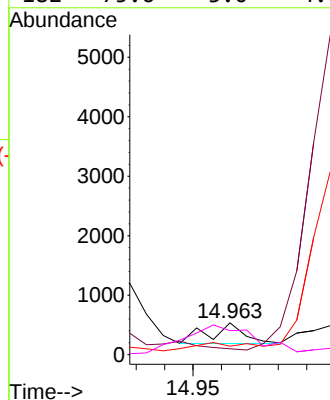
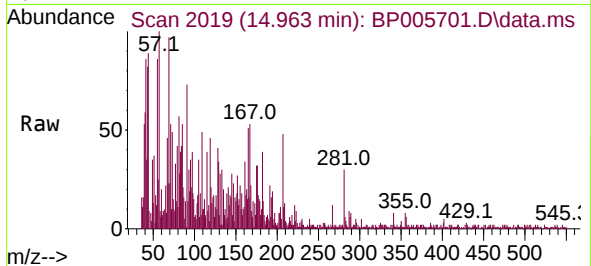




#57  
2,4-Dinitrotoluene  
Concen: 4.29 ng  
RT: 14.963 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

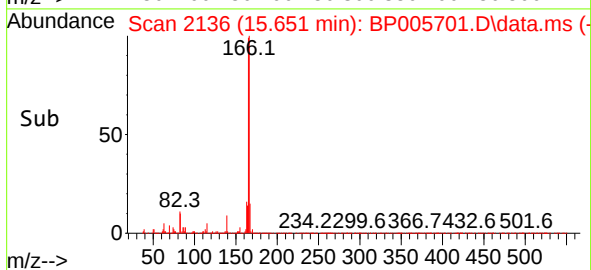
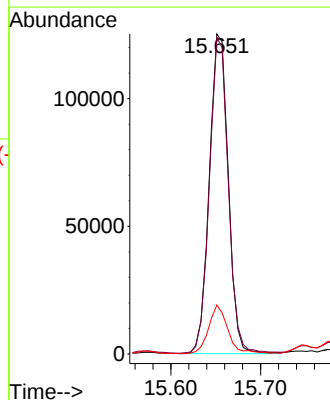
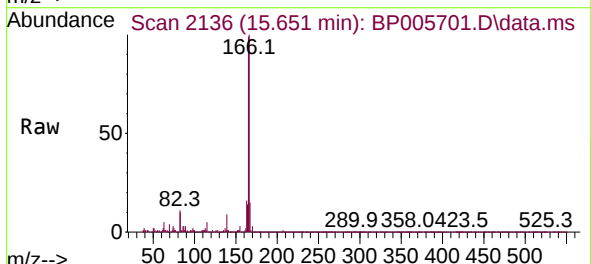
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

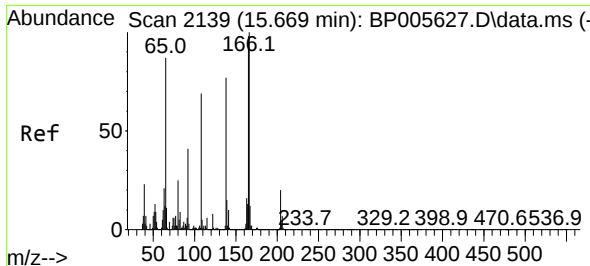
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 296    |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 18.5  | 56.7  | 85.1#  |
| 89        | 26.7  | 85.8  | 128.6# |
| 182       | 75.6  | 3.0   | 4.6#   |



#58  
Fluorene  
Concen: 5.01 ng  
RT: 15.651 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 183473 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.9  | 78.8  | 118.2  |
| 167       | 15.3  | 10.9  | 16.3   |

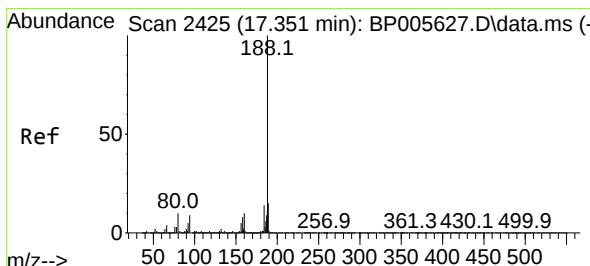
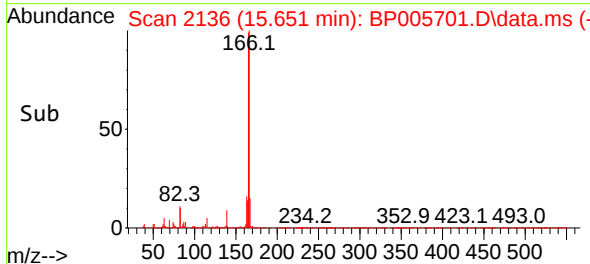
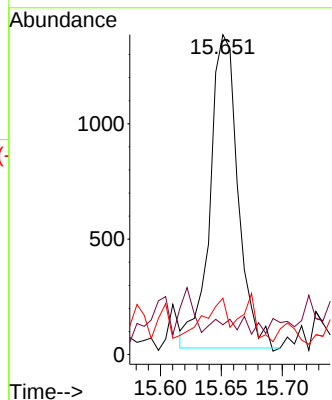
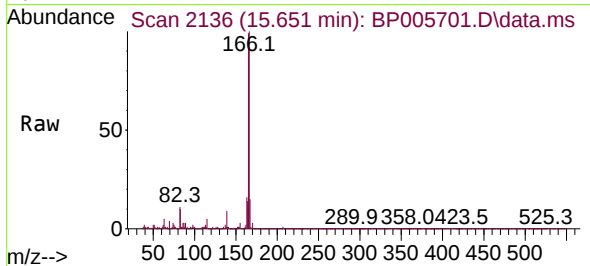




#62  
4-Nitroaniline  
Concen: 3.88 ng  
RT: 15.651 min Scan# 2136  
Delta R.T. -0.018 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

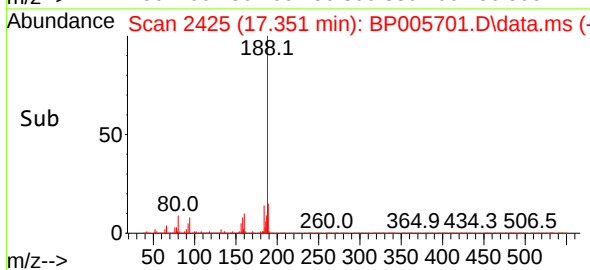
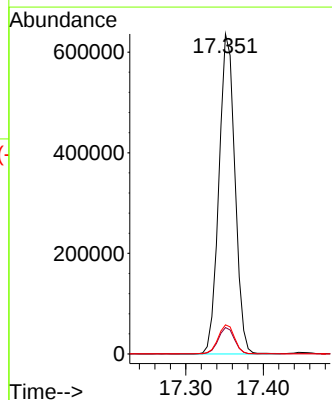
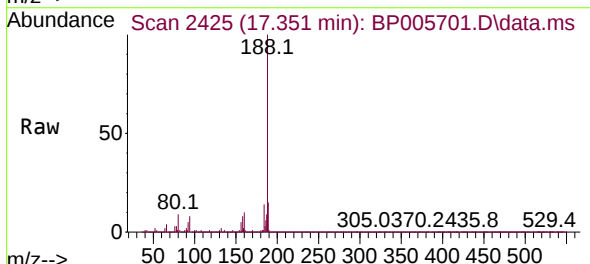
Instrument :  
BNA\_P  
ClientSampleID :  
18-B4(4-6)DL

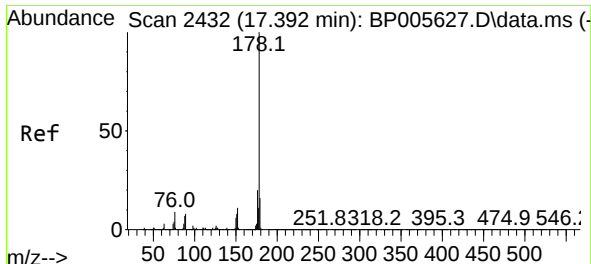
Tgt Ion:138 Resp: 2164  
Ion Ratio Lower Upper  
138 100  
92 9.3 50.9 90.9#  
108 17.6 154.7 194.7#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.351 min Scan# 2425  
Delta R.T. 0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:188 Resp: 912113  
Ion Ratio Lower Upper  
188 100  
94 8.2 5.0 7.6#  
80 9.1 5.9 8.9#

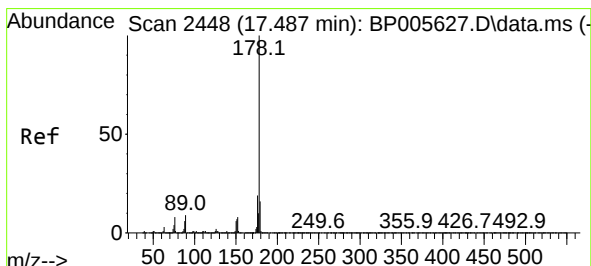
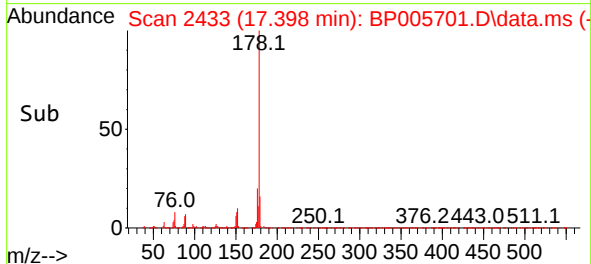
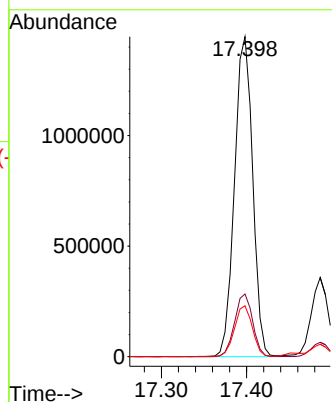
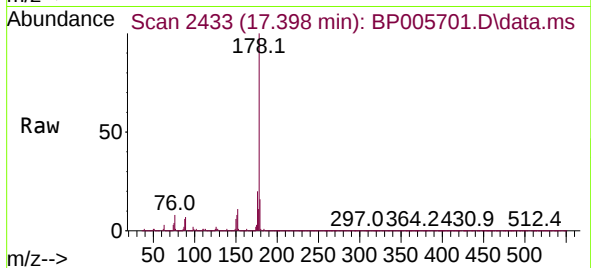




#71  
Phenanthrene  
Concen: 37.67 ng  
RT: 17.398 min Scan# 2433  
Delta R.T. 0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

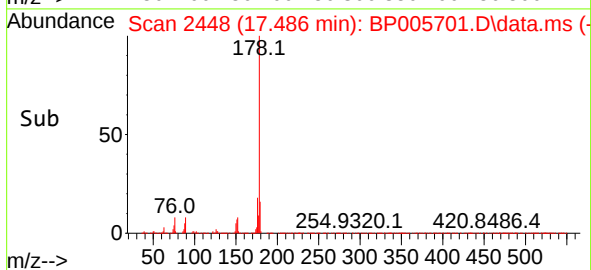
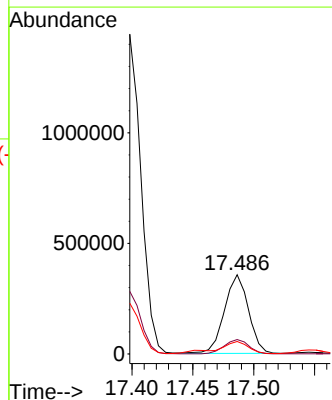
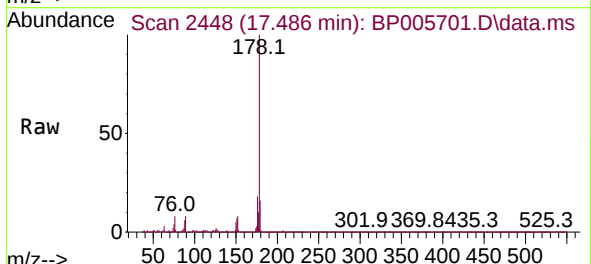
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

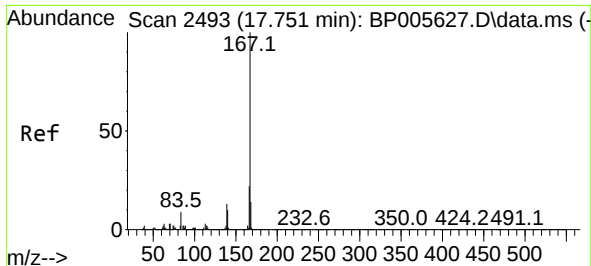
Tgt Ion:178 Resp: 2140642  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.2  
179 15.9 12.3 18.5



#72  
Anthracene  
Concen: 8.69 ng  
RT: 17.486 min Scan# 2448  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:178 Resp: 487479  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.2 22.8  
179 15.8 12.6 19.0

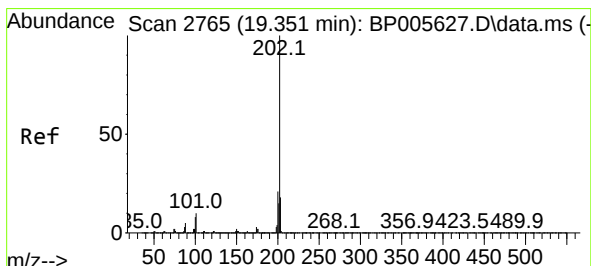
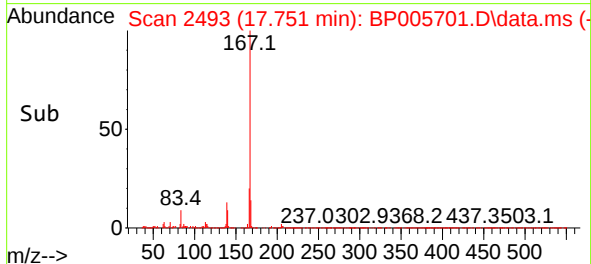
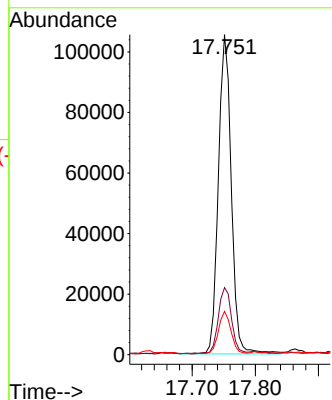
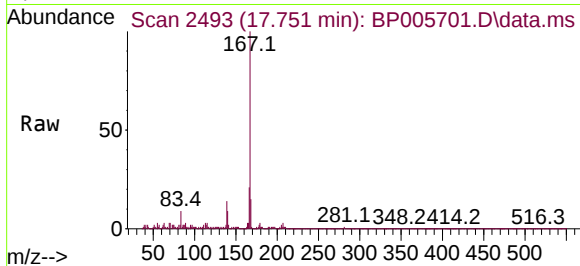




#73  
 Carbazole  
 Concen: 2.71 ng  
 RT: 17.751 min Scan# 2493  
 Delta R.T. -0.000 min  
 Lab File: BP005701.D  
 Acq: 03 Jun 2021 23:12

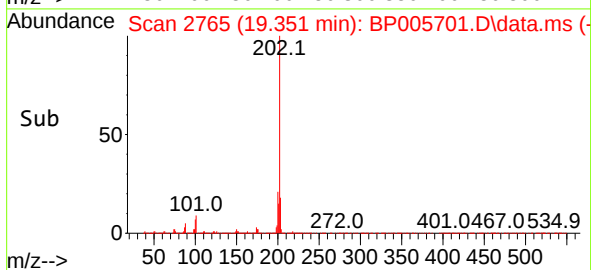
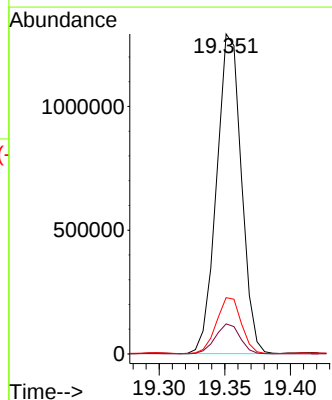
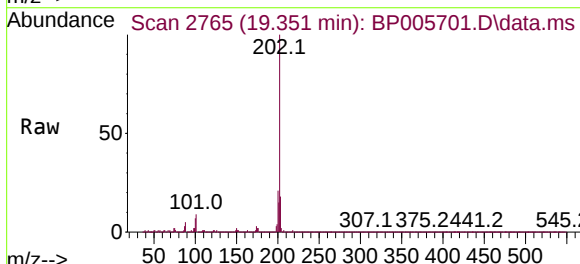
Instrument :  
 BNA\_P  
 ClientSampleID :  
 18-B4(4-6)DL

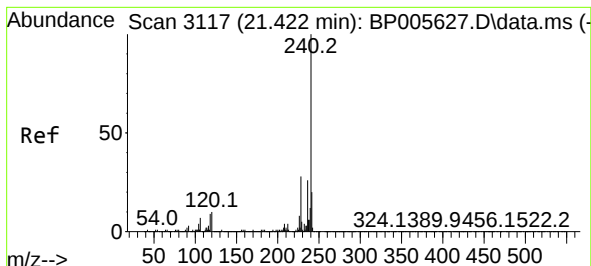
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 149599 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 20.9  | 17.4  | 26.0   |
| 139       | 13.6  | 10.4  | 15.6   |



#75  
 Fluoranthene  
 Concen: 24.85 ng  
 RT: 19.351 min Scan# 2765  
 Delta R.T. -0.000 min  
 Lab File: BP005701.D  
 Acq: 03 Jun 2021 23:12

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1695218 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.4   | 0.0   | 26.1    |
| 203       | 17.6  | 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: BP005701.D

Acq: 03 Jun 2021 23:12

Tgt Ion:240 Resp: 902858

Ion Ratio Lower Upper

240 100

120 8.5 4.2 6.2#

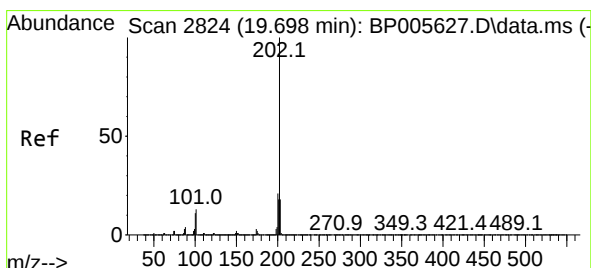
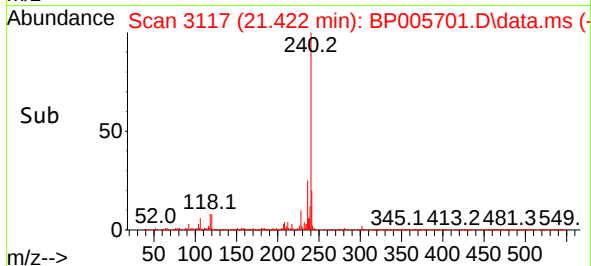
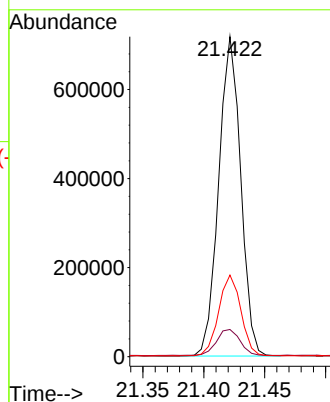
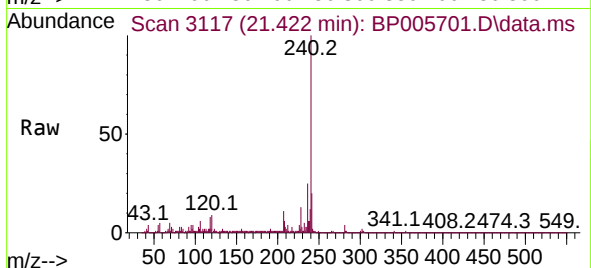
236 25.5 20.2 30.2

Instrument :

BNA\_P

ClientSampleId :

18-B4(4-6)DL



#78

Pyrene

Concen: 26.60 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.006 min

Lab File: BP005701.D

Acq: 03 Jun 2021 23:12

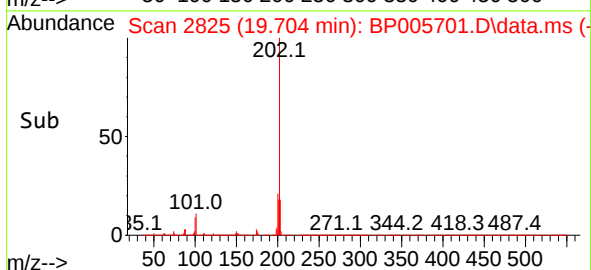
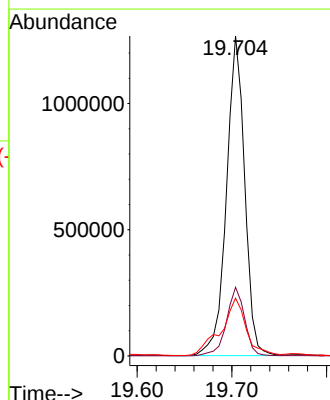
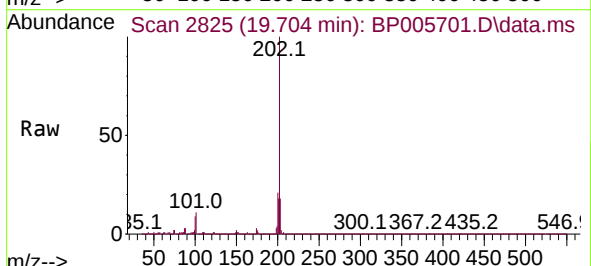
Tgt Ion:202 Resp: 1694676

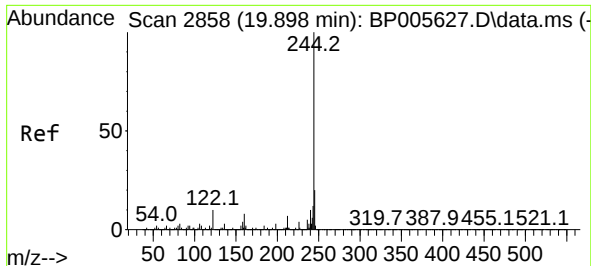
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 18.1 13.8 20.6

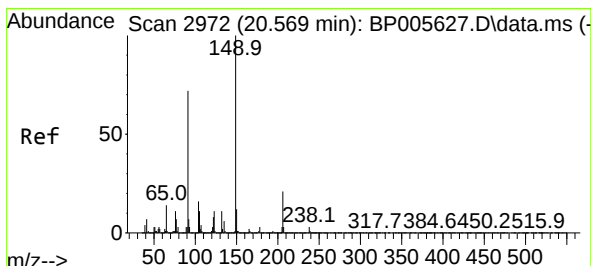
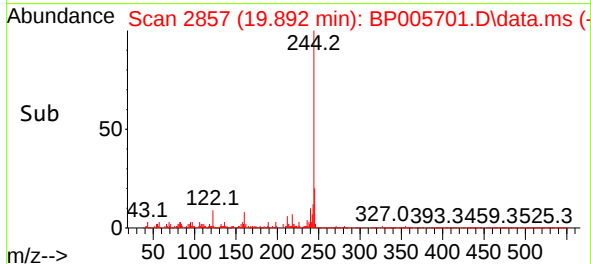
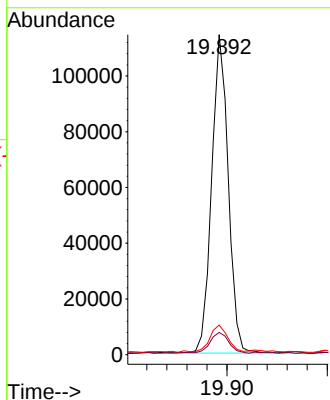
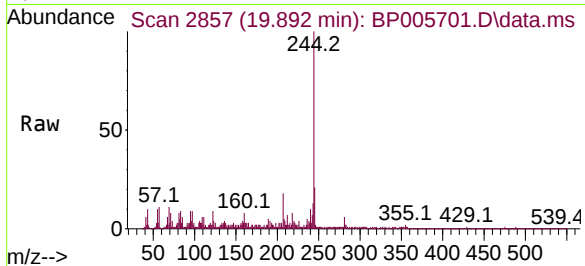




#79  
Terphenyl-d14  
Concen: 2.73 ng  
RT: 19.892 min Scan# 2857  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

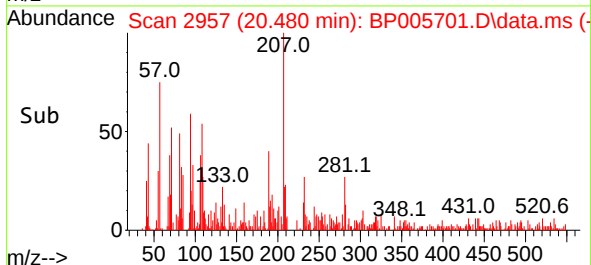
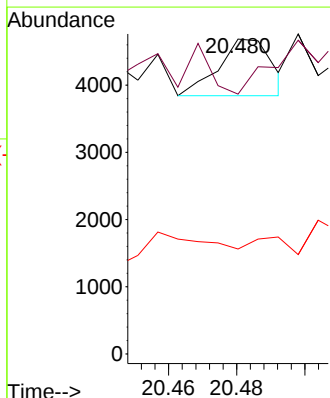
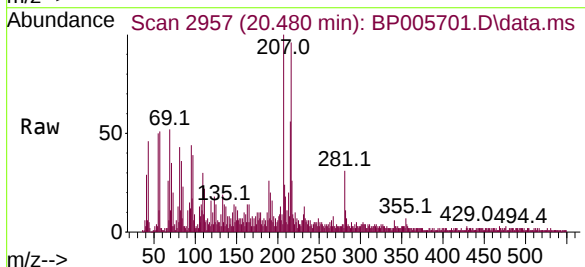
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

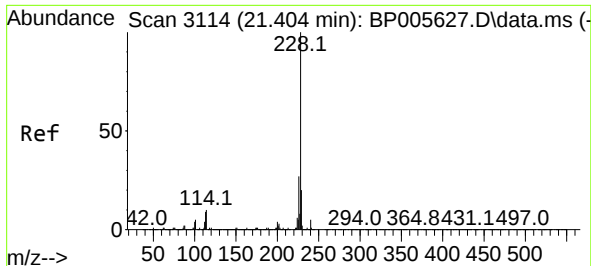
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 131120 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.9   | 5.8   | 8.6    |
| 122       | 9.3   | 5.2   | 7.8#   |



#80  
Butylbenzylphthalate  
Concen: 4.16 ng  
RT: 20.480 min Scan# 2957  
Delta R.T. -0.089 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 911  |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 91        | 82.5  | 60.2  | 90.4 |
| 206       | 33.3  | 23.9  | 35.9 |

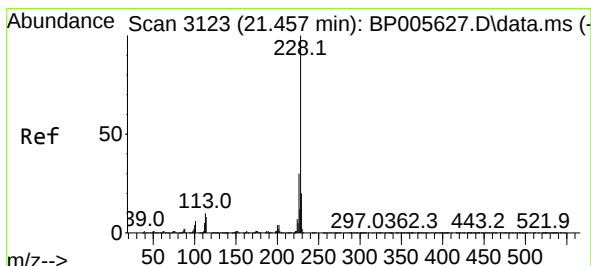
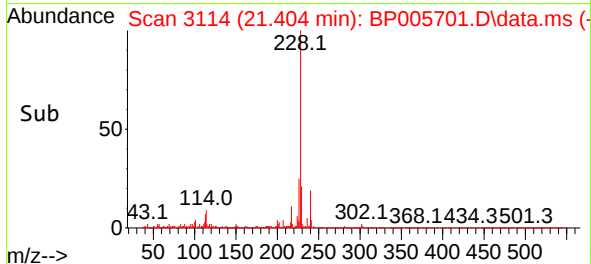
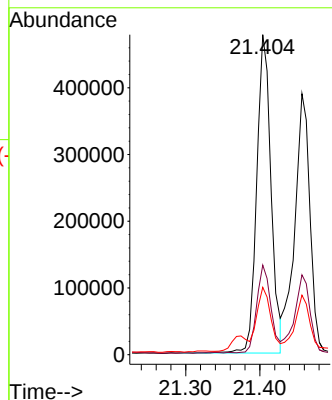
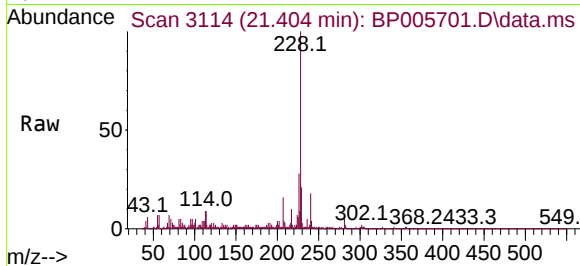




#81  
Benzo(a)anthracene  
Concen: 9.63 ng  
RT: 21.404 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

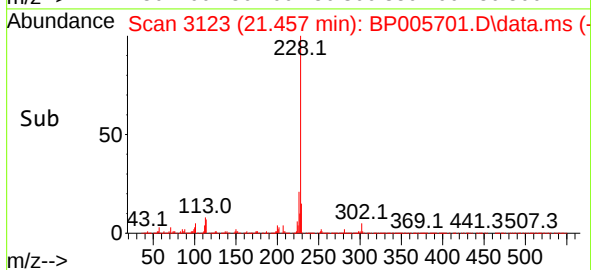
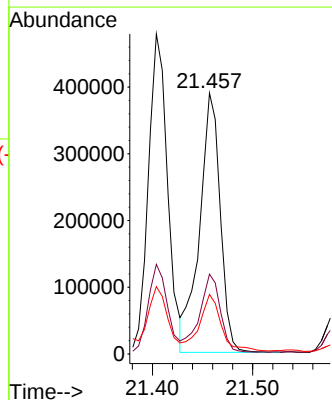
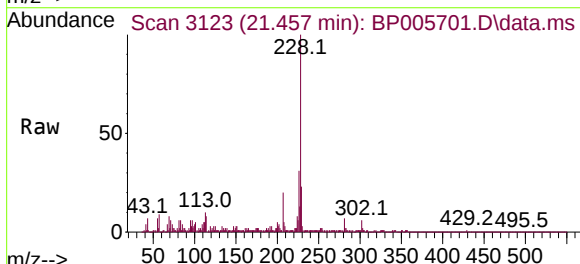
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

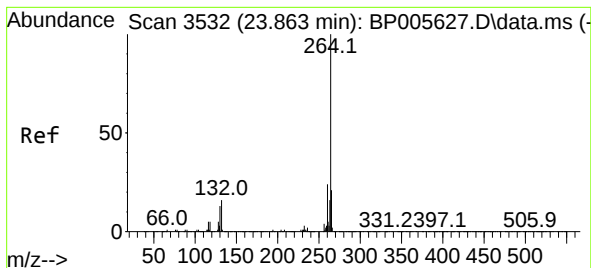
Tgt Ion:228 Resp: 638217  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.2 31.8  
229 21.0 15.6 23.4



#83  
Chrysene  
Concen: 8.70 ng  
RT: 21.457 min Scan# 3123  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:228 Resp: 558504  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.8 37.2  
229 22.8 15.4 23.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.868 min Scan# 3533

Delta R.T. 0.006 min

Lab File: BP005701.D

Acq: 03 Jun 2021 23:12

Instrument :

BNA\_P

ClientSampleId :

18-B4(4-6)DL

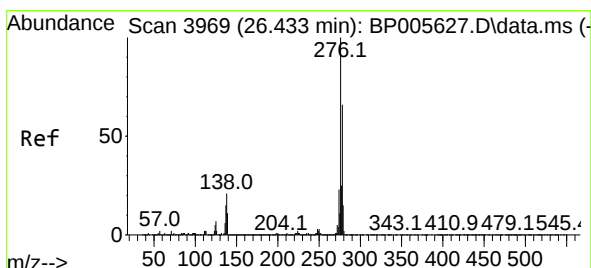
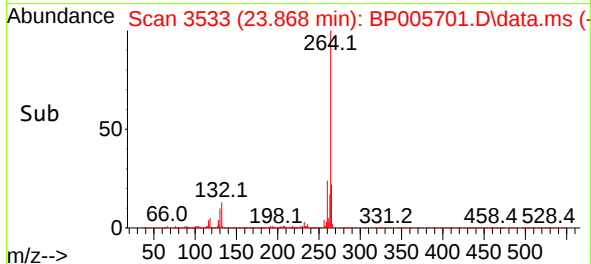
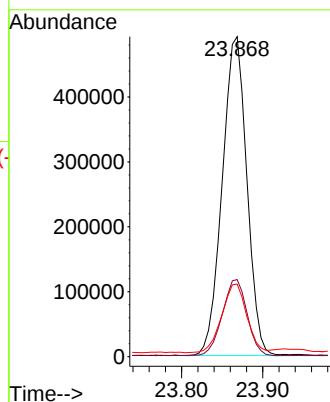
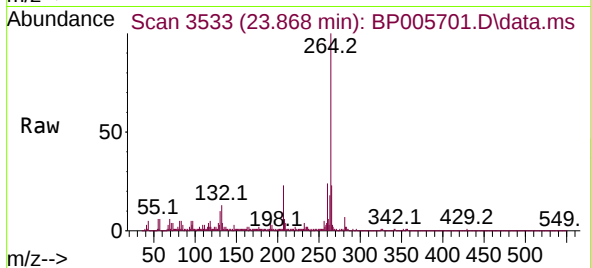
Tgt Ion:264 Resp: 1034610

Ion Ratio Lower Upper

264 100

260 24.1 20.6 30.8

265 22.7 19.0 28.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.99 ng

RT: 26.427 min Scan# 3968

Delta R.T. -0.006 min

Lab File: BP005701.D

Acq: 03 Jun 2021 23:12

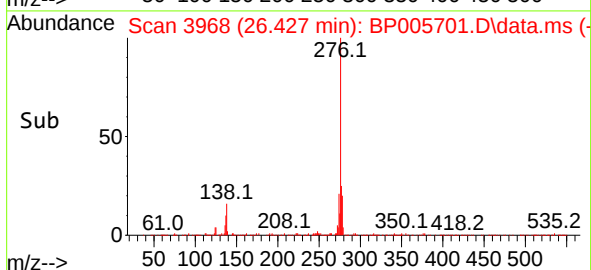
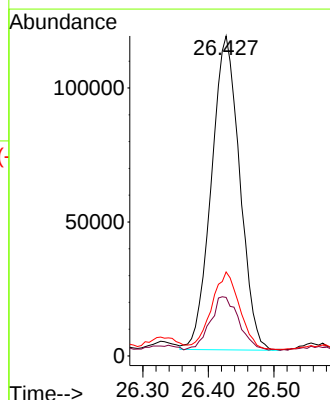
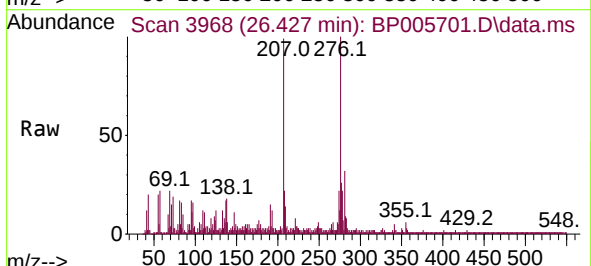
Tgt Ion:276 Resp: 351072

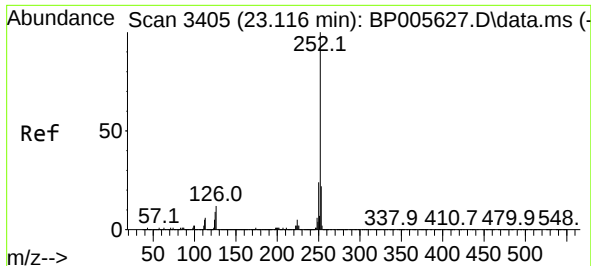
Ion Ratio Lower Upper

276 100

138 17.5 8.4 12.6#

277 24.5 20.6 31.0

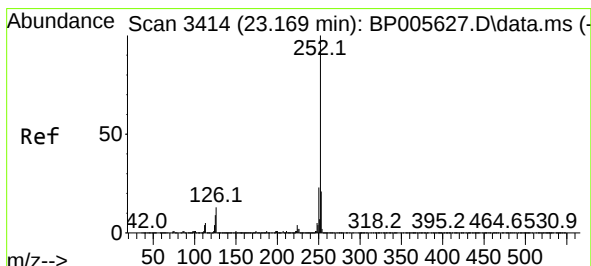
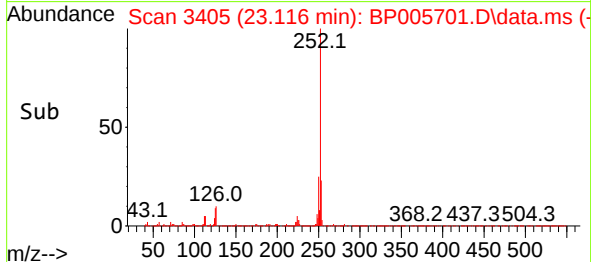
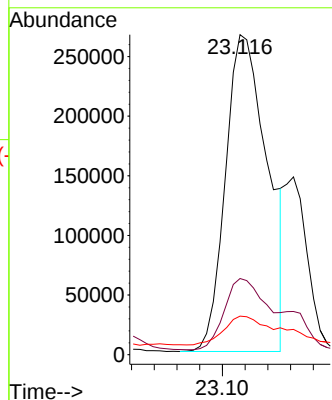
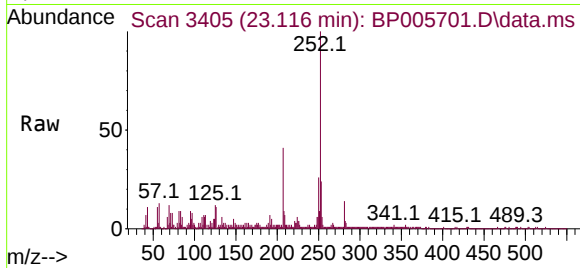




#88  
Benzo(b)fluoranthene  
Concen: 9.09 ng  
RT: 23.116 min Scan# 3405  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

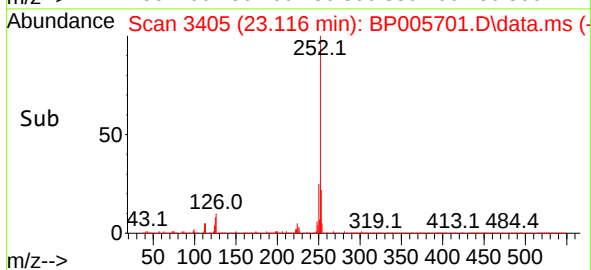
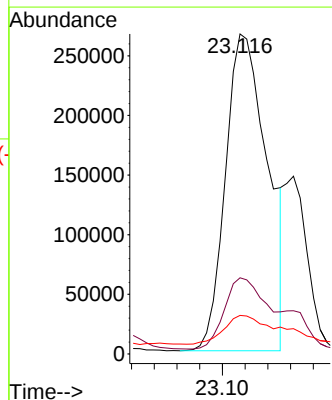
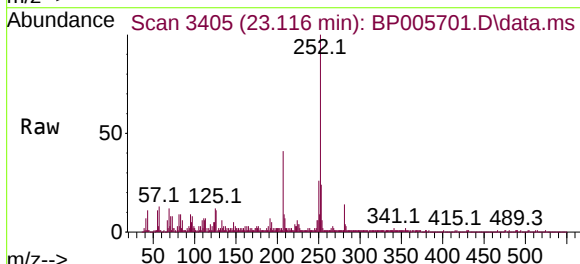
Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

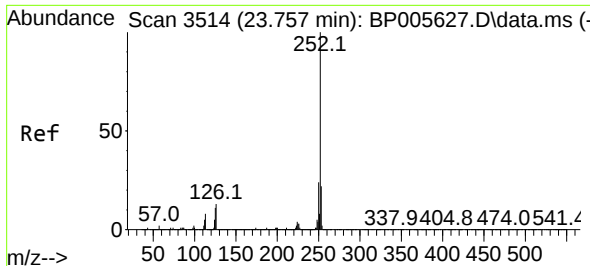
Tgt Ion:252 Resp: 682069  
Ion Ratio Lower Upper  
252 100  
253 23.8 18.2 27.2  
125 12.1 3.4 5.0#



#89  
Benzo(k)fluoranthene  
Concen: 9.59 ng  
RT: 23.116 min Scan# 3405  
Delta R.T. -0.053 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:252 Resp: 682069  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.2 25.8  
125 12.1 3.8 5.6#

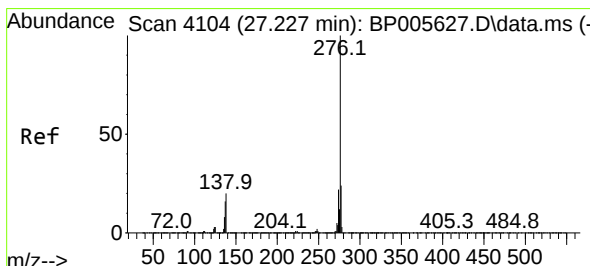
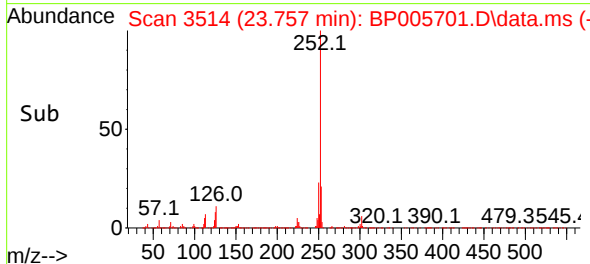
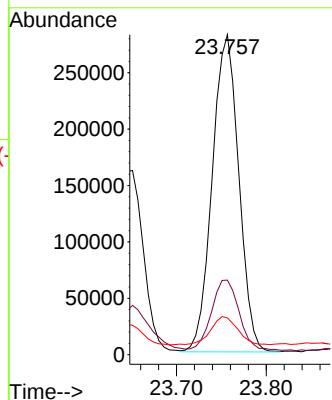
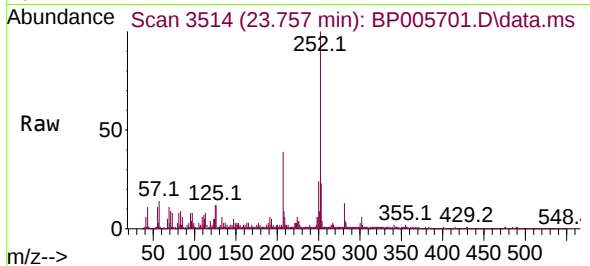




#90  
Benzo(a)pyrene  
Concen: 8.46 ng  
RT: 23.757 min Scan# 3514  
Delta R.T. -0.000 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Instrument :  
BNA\_P  
ClientSampleId :  
18-B4(4-6)DL

Tgt Ion:252 Resp: 578016  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.1 25.7  
125 11.5 3.8 5.6#



#92  
Benzo(g,h,i)perylene  
Concen: 4.85 ng  
RT: 27.221 min Scan# 4103  
Delta R.T. -0.006 min  
Lab File: BP005701.D  
Acq: 03 Jun 2021 23:12

Tgt Ion:276 Resp: 357325  
Ion Ratio Lower Upper  
276 100  
277 25.1 19.8 29.8  
138 19.5 7.7 11.5#

