

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040821\  
 Data File : BE101258.D  
 Acq On : 9 Apr 2021 2:41  
 Operator : CG/JU  
 Sample : PB135627BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135627BS

Quant Time: Apr 09 03:25:29 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE040621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 07 10:22:45 2021  
 Response via : Initial Calibration

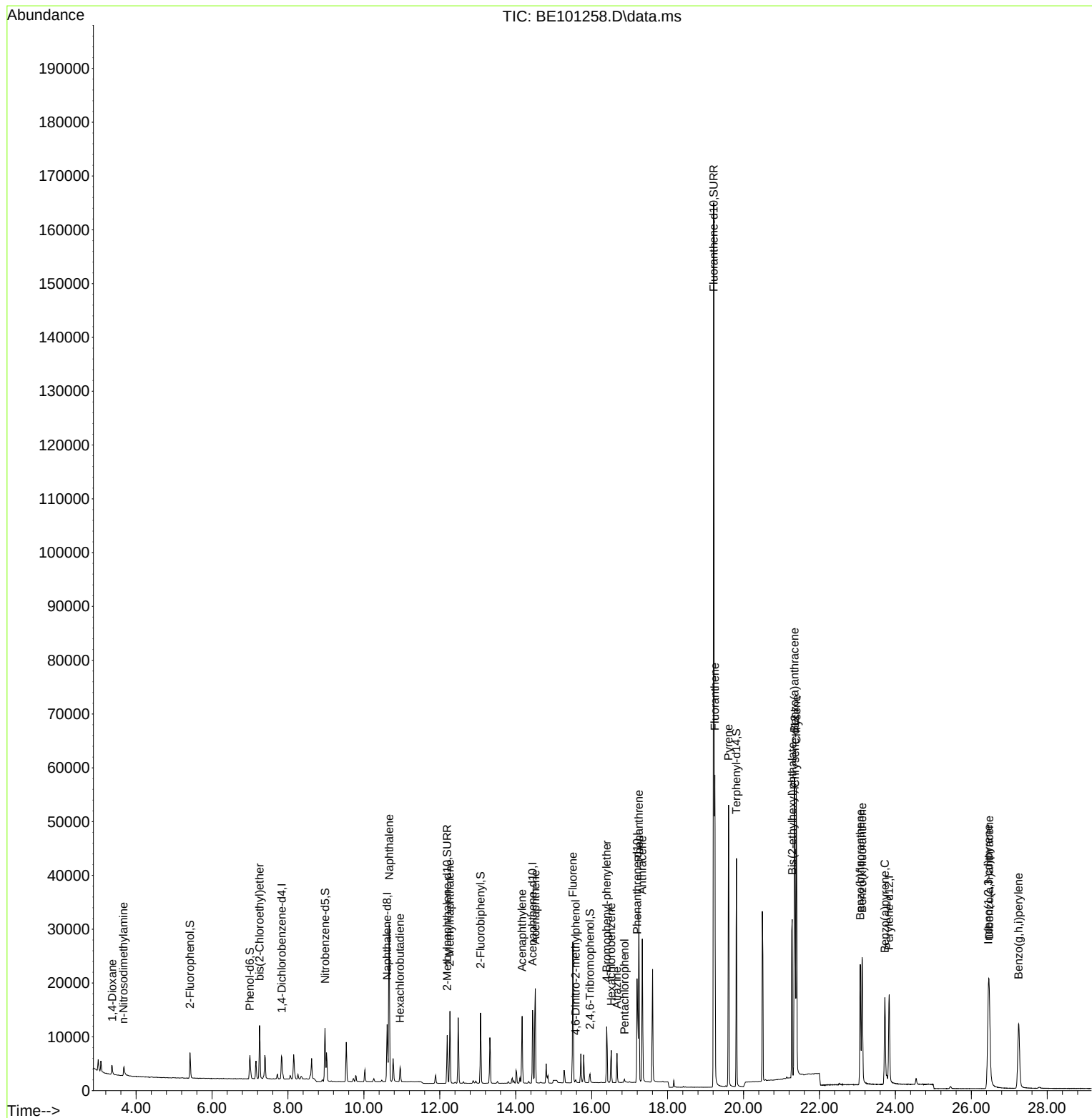
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.839  | 152  | 2181     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.614 | 136  | 10729    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.442 | 164  | 8711     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.196 | 188  | 27774    | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.355 | 240  | 34621    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.837 | 264  | 25245    | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.421  | 112  | 2302     | 0.45 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.998  | 99   | 3901     | 0.48 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.977  | 82   | 3570     | 0.45 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.195 | 152  | 10553    | 0.42 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 1002     | 0.43 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.074 | 172  | 11610    | 0.37 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.215 | 212  | 216379   | 0.45 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.812 | 244  | 36746    | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.371  | 88   | 1294     | 0.39 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.670  | 42   | 1573     | 0.45 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.252  | 93   | 3206     | 0.43 | ng    | 99       |
| 9) Naphthalene                | 10.666 | 128  | 47054    | 0.40 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.952 | 225  | 2034     | 0.40 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.267 | 142  | 8928     | 0.43 | ng    | 98       |
| 16) Acenaphthylene            | 14.169 | 152  | 13860    | 0.41 | ng    | 100      |
| 17) Acenaphthene              | 14.514 | 154  | 9914     | 0.39 | ng    | 98       |
| 18) Fluorene                  | 15.503 | 166  | 14226    | 0.42 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.579 | 198  | 422      | 0.21 | ng    | # 53     |
| 21) 4-Bromophenyl-phenylether | 16.395 | 248  | 5142     | 0.37 | ng    | # 61     |
| 22) Hexachlorobenzene         | 16.516 | 284  | 5046     | 0.36 | ng    | 99       |
| 23) Atrazine                  | 16.667 | 200  | 4049     | 0.43 | ng    | 95       |
| 24) Pentachlorophenol         | 16.864 | 266  | 472      | 0.09 | ng    | 99       |
| 25) Phenanthrene              | 17.242 | 178  | 32144    | 0.39 | ng    | 100      |
| 26) Anthracene                | 17.332 | 178  | 28089    | 0.40 | ng    | 99       |
| 28) Fluoranthene              | 19.243 | 202  | 47806    | 0.45 | ng    | 99       |
| 30) Pyrene                    | 19.605 | 202  | 47874    | 0.38 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.343 | 228  | 41276    | 0.42 | ng    | 99       |
| 33) Chrysene                  | 21.392 | 228  | 45996    | 0.40 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.283 | 149  | 40995    | 0.58 | ng    | 100      |
| 35) Indeno(1,2,3-cd)pyrene    | 26.448 | 276  | 32919    | 0.39 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.074 | 252  | 31059    | 0.38 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.124 | 252  | 34707    | 0.38 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.723 | 252  | 27171    | 0.39 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.470 | 278  | 28272    | 0.41 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.247 | 276  | 29850    | 0.40 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

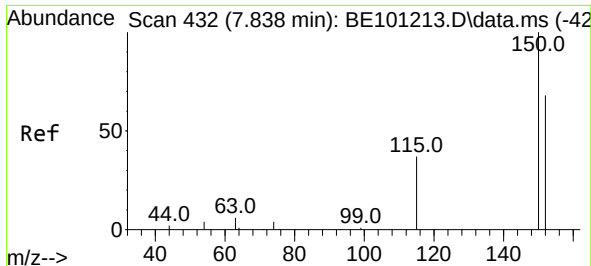
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040821\  
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 Sample : PB135627BS  
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Instrument :  
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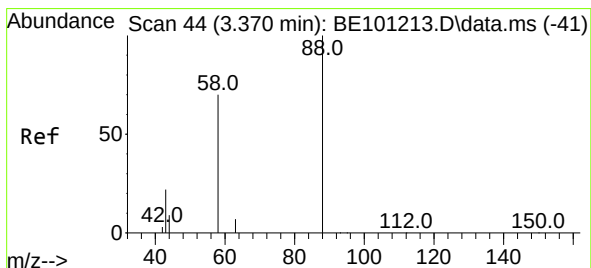
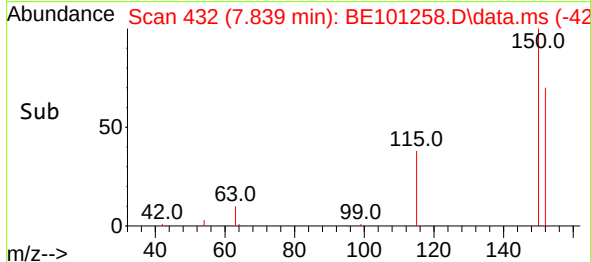
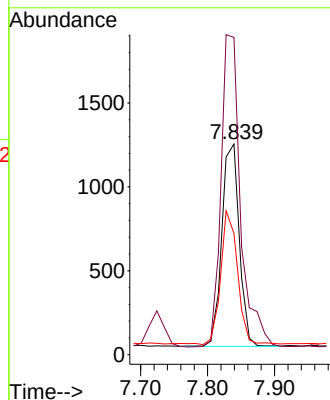
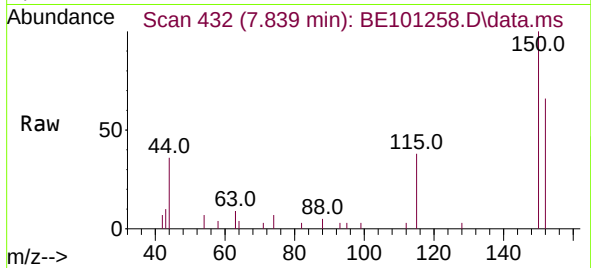




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.839 min Scan# 432  
 Delta R.T. 0.009 min  
 Lab File: BE101258.D  
 Acq: 9 Apr 2021 2:41

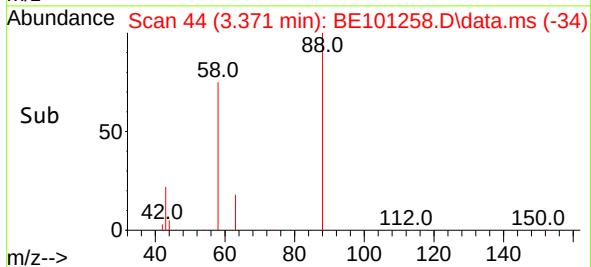
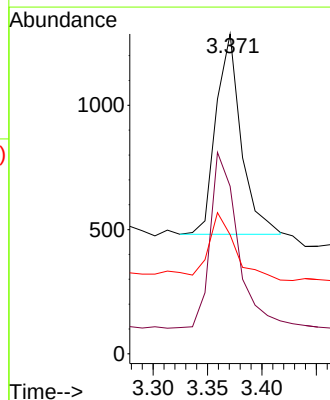
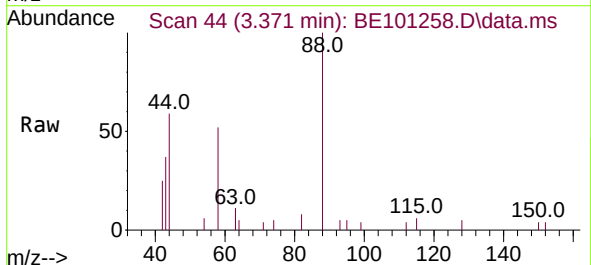
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135627BS

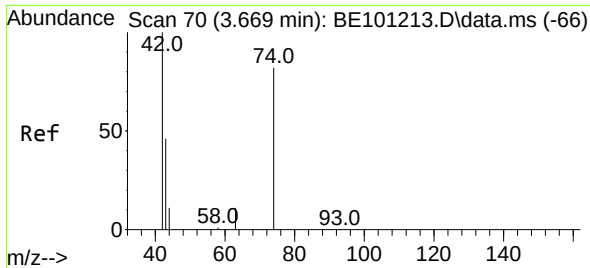
Tgt Ion:152 Resp: 2181  
 Ion Ratio Lower Upper  
 152 100  
 150 150.6 116.9 175.3  
 115 57.6 44.5 66.7



#2  
 1,4-Dioxane  
 Concen: 0.39 ng  
 RT: 3.371 min Scan# 44  
 Delta R.T. 0.010 min  
 Lab File: BE101258.D  
 Acq: 9 Apr 2021 2:41

Tgt Ion: 88 Resp: 1294  
 Ion Ratio Lower Upper  
 88 100  
 58 96.2 73.6 110.4  
 43 35.8 27.6 41.4

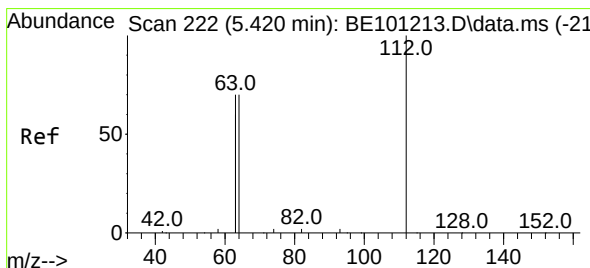
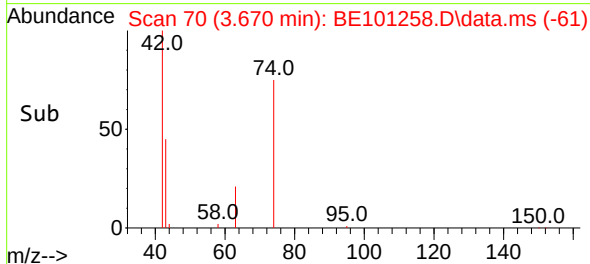
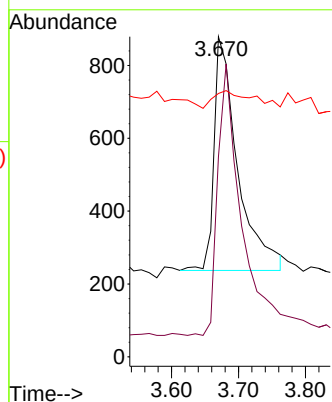
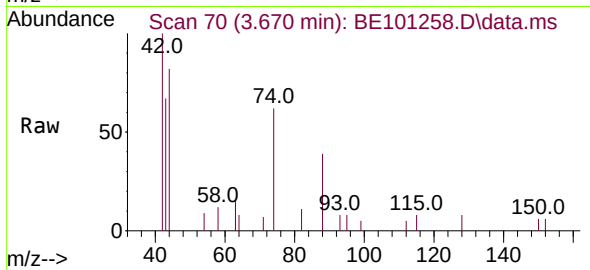




#3  
n-Nitrosodimethylamine  
Concen: 0.45 ng  
RT: 3.670 min Scan# 70  
Delta R.T. -0.002 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

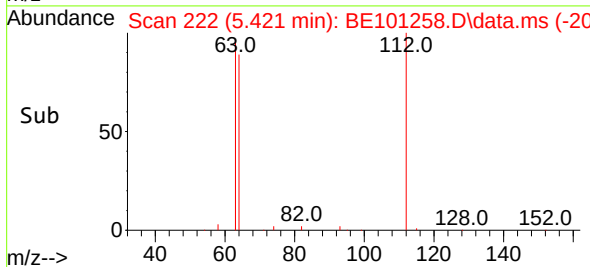
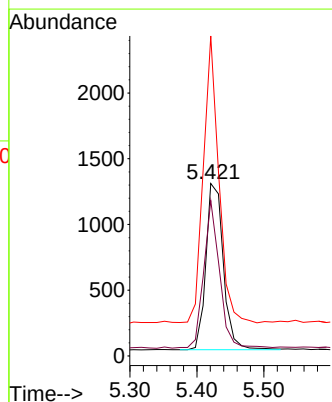
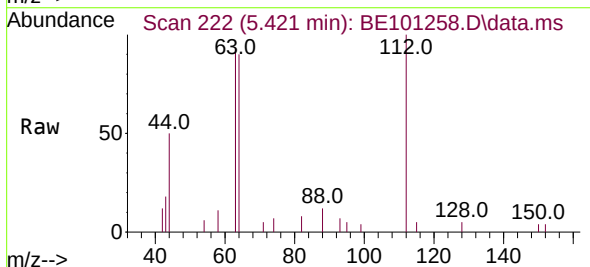
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BNA\_E  
ClientSampleId :  
PB135627BS

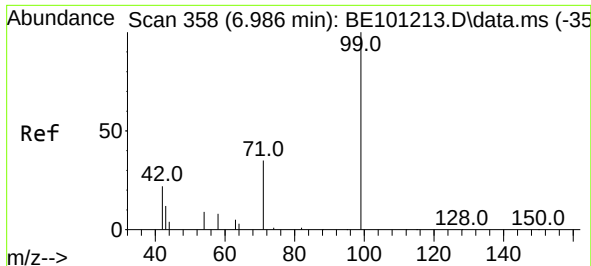
Tgt Ion: 42 Resp: 1573  
Ion Ratio Lower Upper  
42 100  
74 114.6 92.7 139.1  
44 12.5 10.7 16.1



#4  
2-Fluorophenol  
Concen: 0.45 ng  
RT: 5.421 min Scan# 222  
Delta R.T. -0.002 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion: 112 Resp: 2302  
Ion Ratio Lower Upper  
112 100  
64 79.8 62.3 93.5  
63 153.0 117.3 175.9

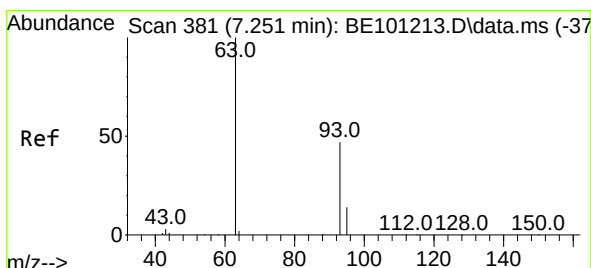
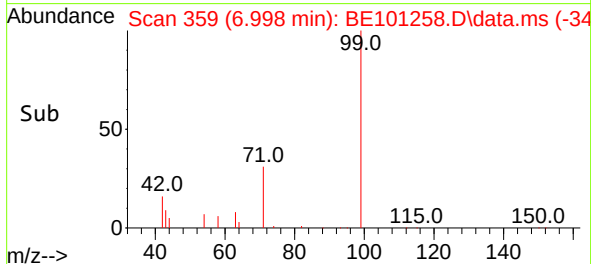
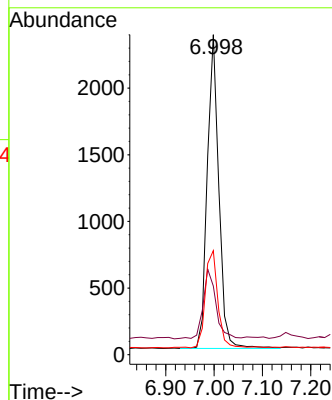
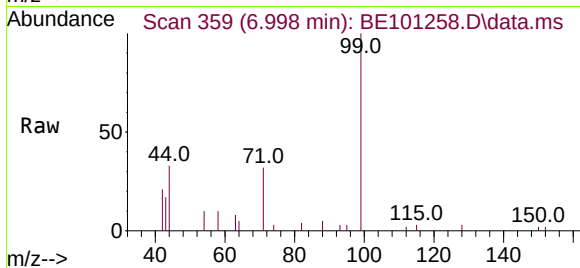




#5  
Phenol-d6  
Concen: 0.48 ng  
RT: 6.998 min Scan# 359  
Delta R.T. 0.010 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

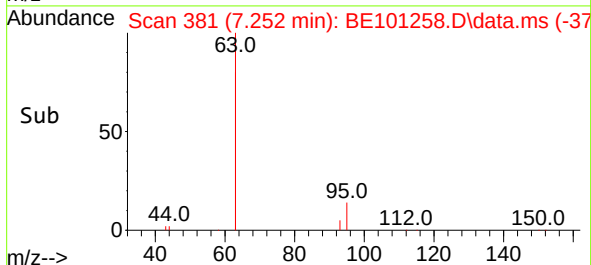
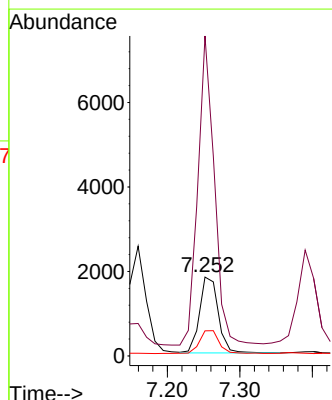
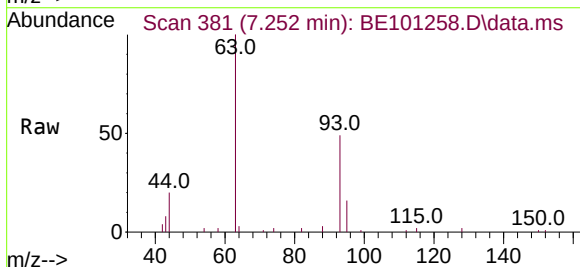
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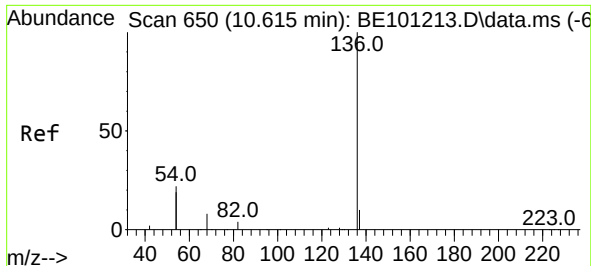
Tgt Ion: 99 Resp: 3901  
Ion Ratio Lower Upper  
99 100  
42 24.6 18.5 27.7  
71 33.1 26.5 39.7



#6  
bis(2-Chloroethyl)ether  
Concen: 0.43 ng  
RT: 7.252 min Scan# 381  
Delta R.T. -0.002 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion: 93 Resp: 3206  
Ion Ratio Lower Upper  
93 100  
63 362.6 292.5 438.7  
95 31.8 25.7 38.5

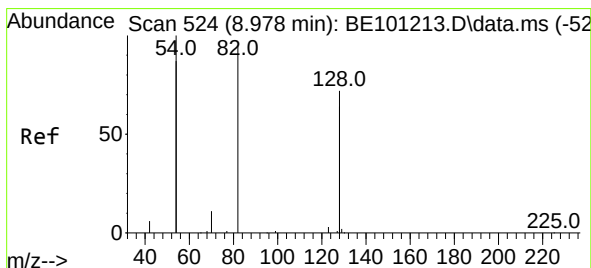
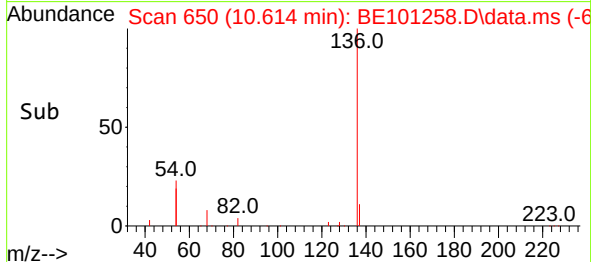
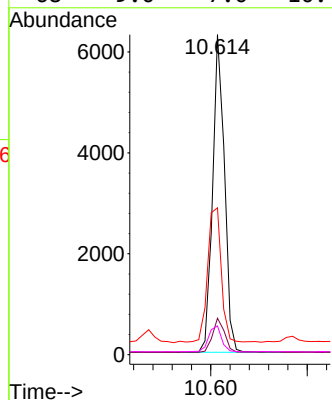
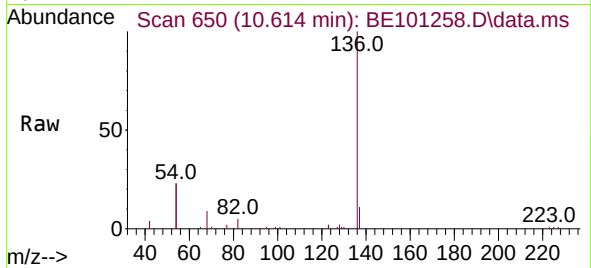




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.614 min Scan# 650  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

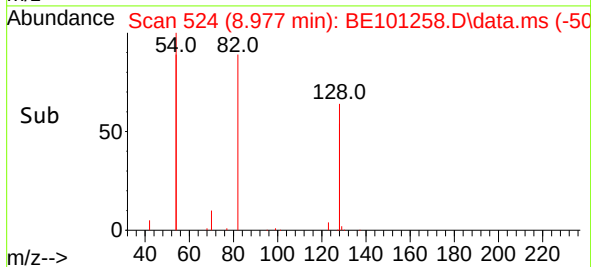
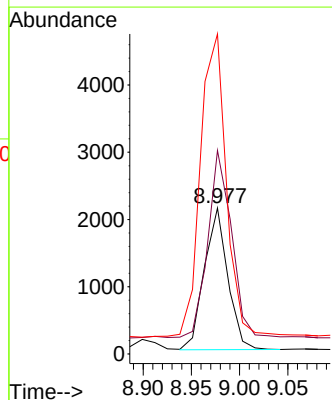
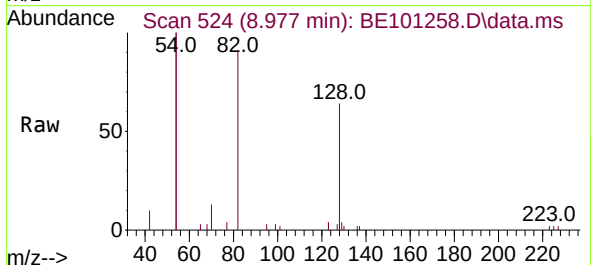
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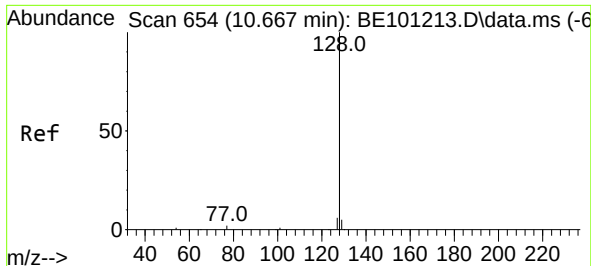
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 10729 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 8.6   | 13.0  |
| 54        | 45.9  | 34.7  | 52.1  |
| 68        | 9.0   | 7.0   | 10.4  |



#8  
Nitrobenzene-d5  
Concen: 0.45 ng  
RT: 8.977 min Scan# 524  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 3570  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 139.5 | 118.7 | 178.1 |
| 54        | 219.4 | 164.4 | 246.6 |

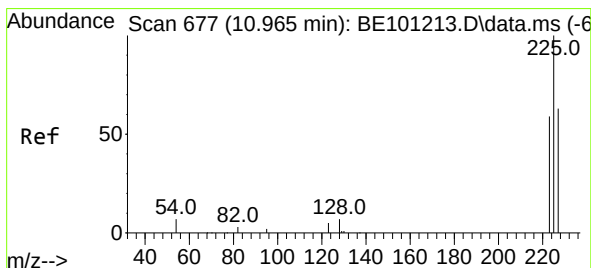
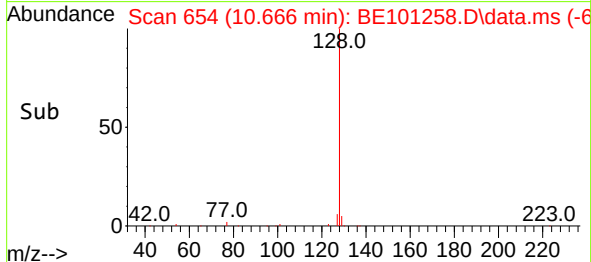
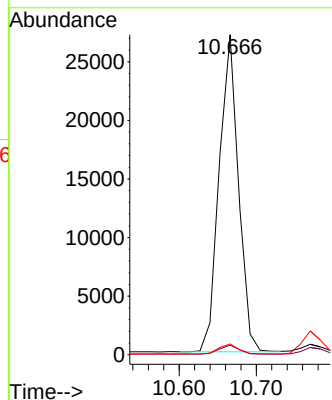
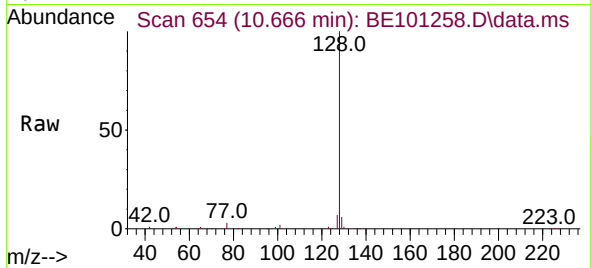




#9  
Naphthalene  
Concen: 0.40 ng  
RT: 10.666 min Scan# 654  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

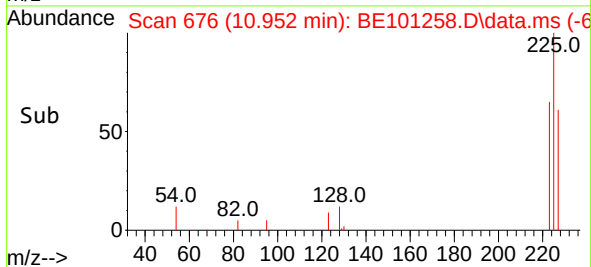
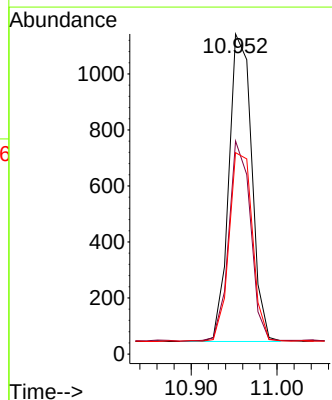
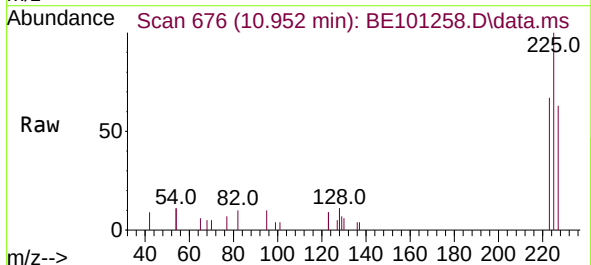
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ClientSampleId :  
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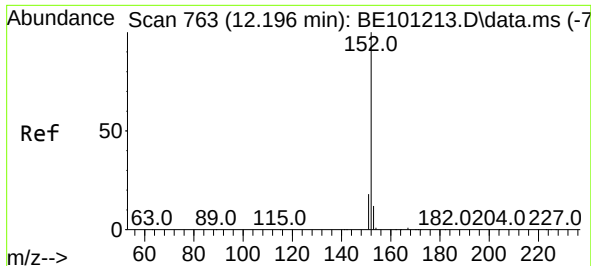
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 47054 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 2.9   | 2.2   | 3.4   |
| 127       | 3.3   | 2.6   | 3.8   |



#10  
Hexachlorobutadiene  
Concen: 0.40 ng  
RT: 10.952 min Scan# 676  
Delta R.T. -0.014 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 2034 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 62.0  | 50.4  | 75.6 |
| 227       | 62.5  | 50.1  | 75.1 |

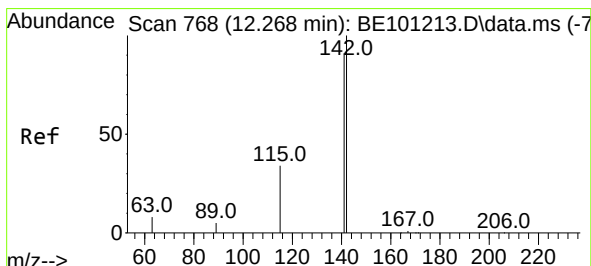
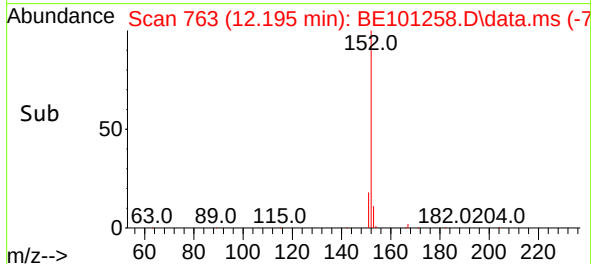
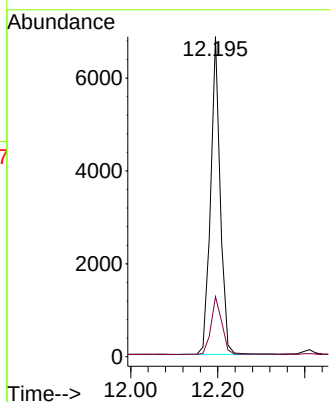
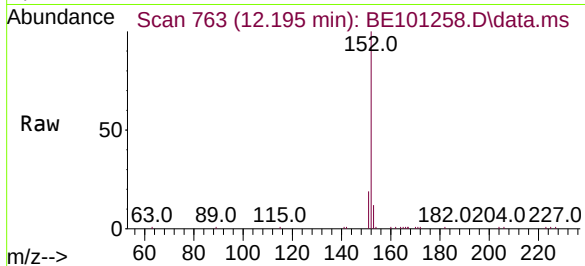




#11  
2-Methylnaphthalene-d10  
Concen: 0.42 ng  
RT: 12.195 min Scan# 763  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

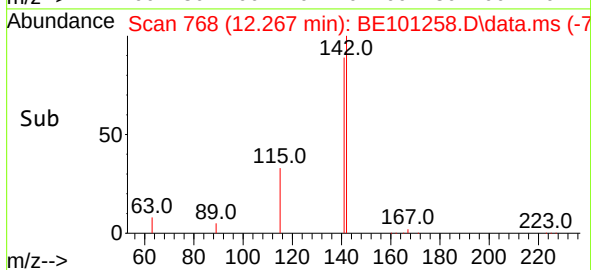
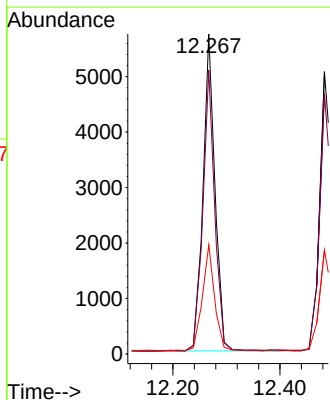
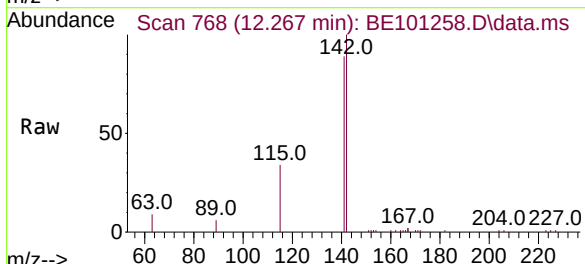
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

Tgt Ion:152 Resp: 10553  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.5 24.7

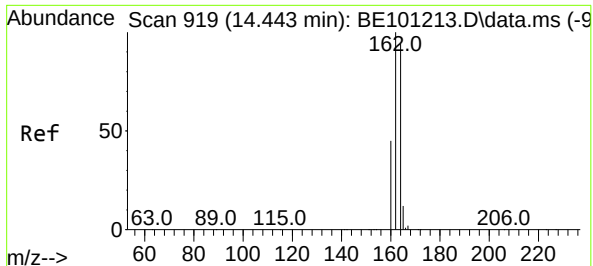


#12  
2-Methylnaphthalene  
Concen: 0.43 ng  
RT: 12.267 min Scan# 768  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:142 Resp: 8928  
Ion Ratio Lower Upper  
142 100  
141 88.8 73.0 109.6  
115 34.1 27.8 41.8







#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.442 min Scan# 919

Delta R.T. -0.001 min

Lab File: BE101258.D

Acq: 9 Apr 2021 2:41

Tgt Ion:164 Resp: 8711

Ion Ratio Lower Upper

164 100

162 106.2 85.3 127.9

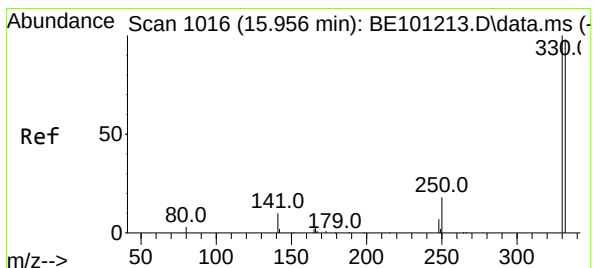
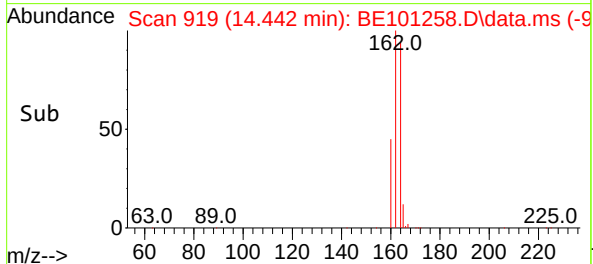
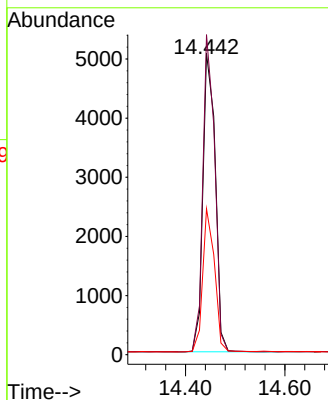
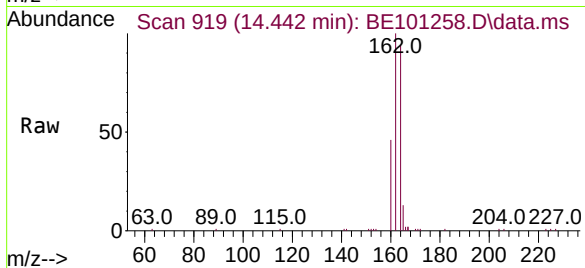
160 48.5 39.1 58.7

Instrument :

BNA\_E

ClientSampleId :

PB135627BS



#14

2,4,6-Tribromophenol

Concen: 0.43 ng

RT: 15.957 min Scan# 1016

Delta R.T. 0.001 min

Lab File: BE101258.D

Acq: 9 Apr 2021 2:41

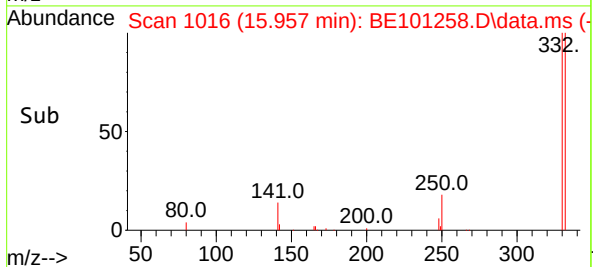
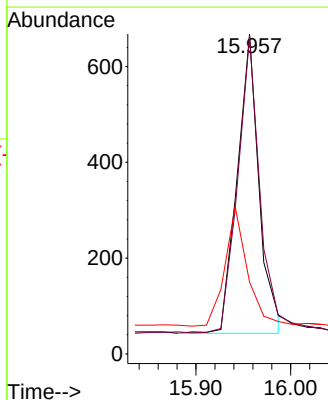
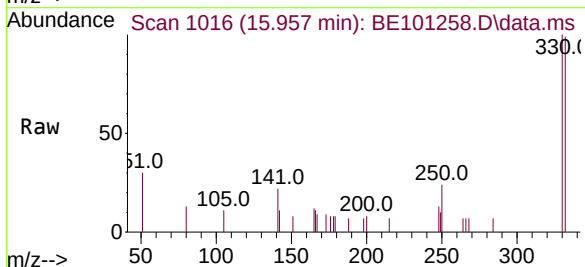
Tgt Ion:330 Resp: 1002

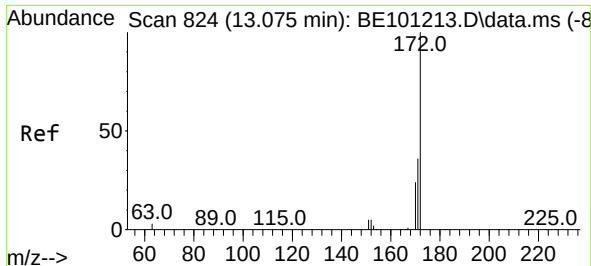
Ion Ratio Lower Upper

330 100

332 99.4 77.8 116.6

141 40.9 30.4 45.6

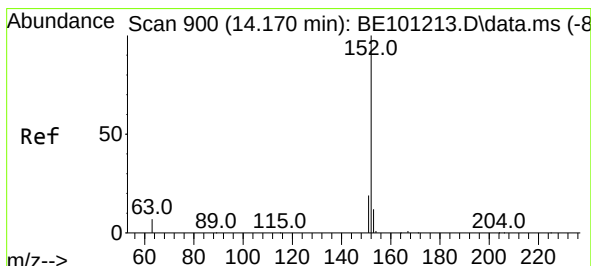
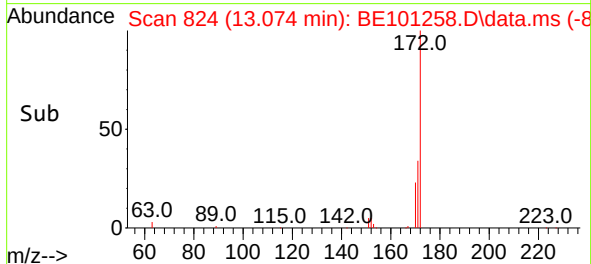
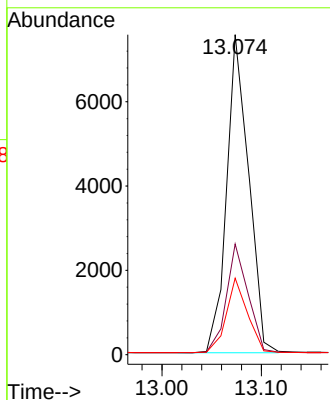
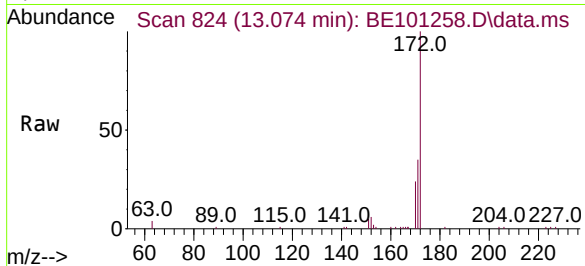




#15  
2-Fluorobiphenyl  
Concen: 0.37 ng  
RT: 13.074 min Scan# 824  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

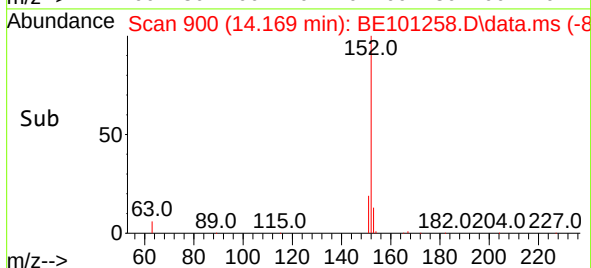
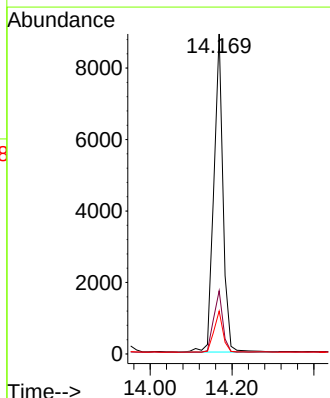
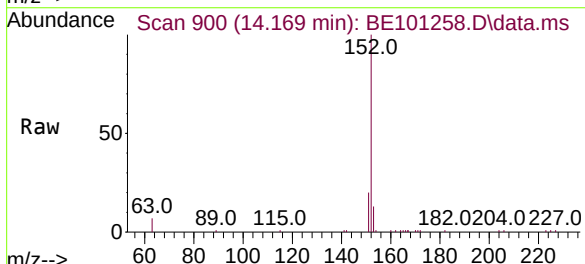
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

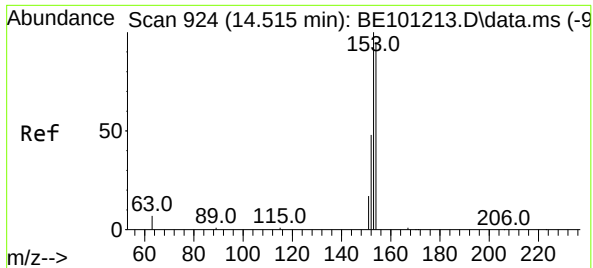
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 11610     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.6  | 28.7 43.1 |
| 170         | 23.9  | 19.3 28.9 |



#16  
Acenaphthylene  
Concen: 0.41 ng  
RT: 14.169 min Scan# 900  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 13860     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 19.2  | 15.4 23.2 |
| 153         | 12.9  | 10.0 15.0 |

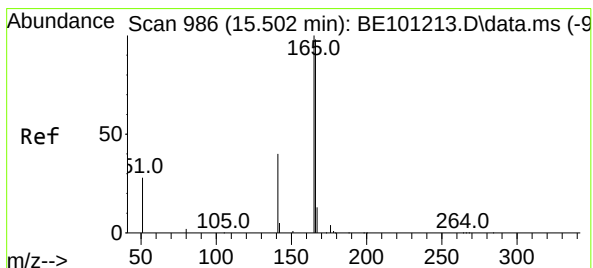
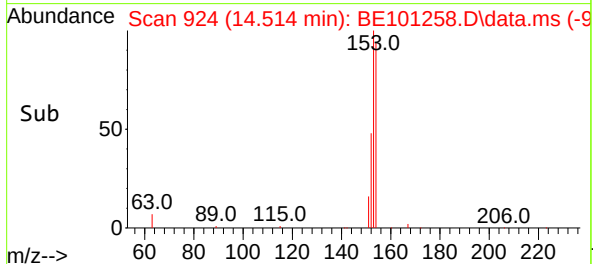
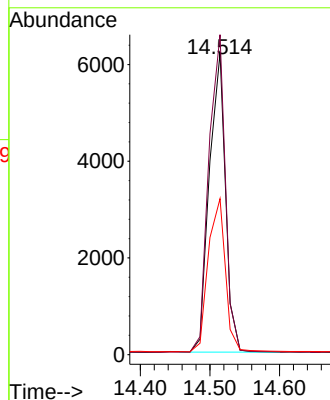
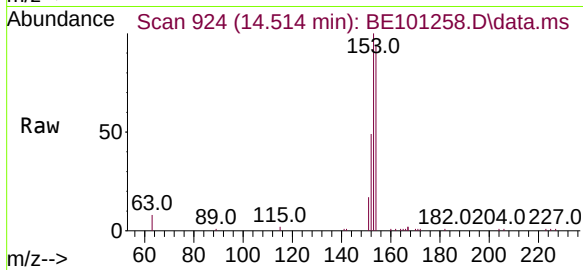




#17  
Acenaphthene  
Concen: 0.39 ng  
RT: 14.514 min Scan# 924  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

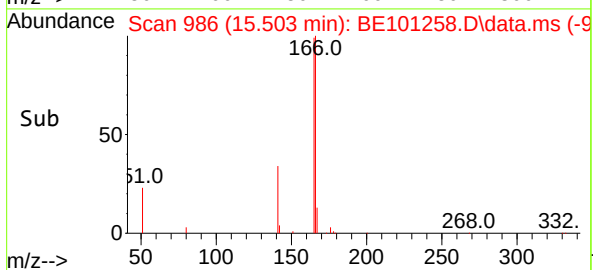
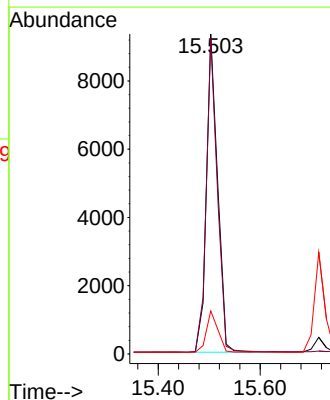
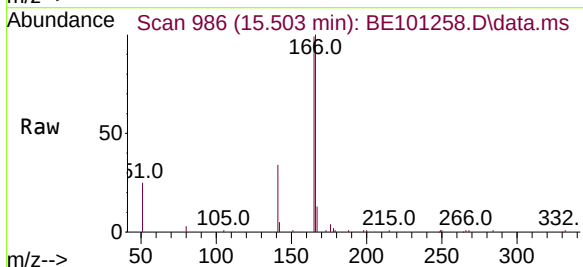
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

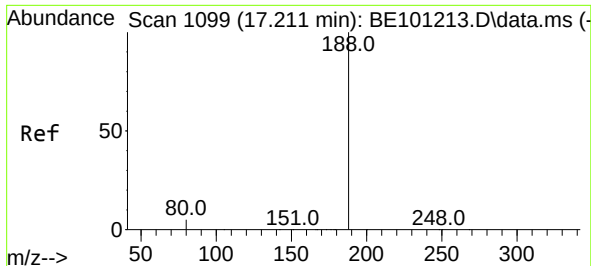
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 154   | Resp: | 9914  |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 108.9 | 84.9  | 127.3 |
| 152      | 54.7  | 42.7  | 64.1  |



#18  
Fluorene  
Concen: 0.42 ng  
RT: 15.503 min Scan# 986  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 14226 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 97.6  | 79.0  | 118.4 |
| 167      | 13.4  | 11.0  | 16.4  |

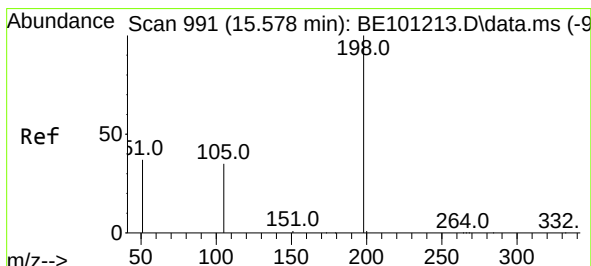
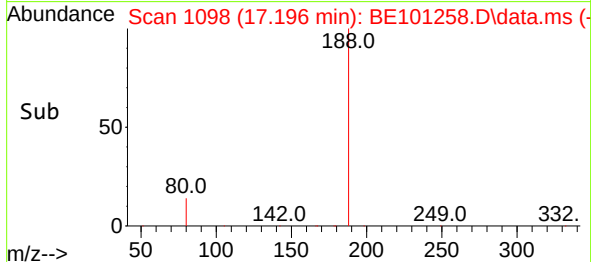
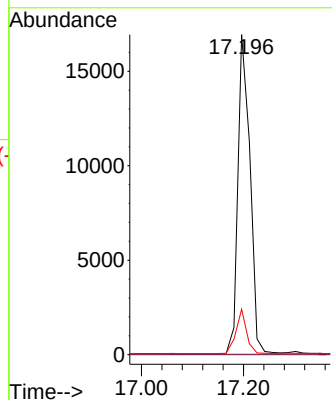
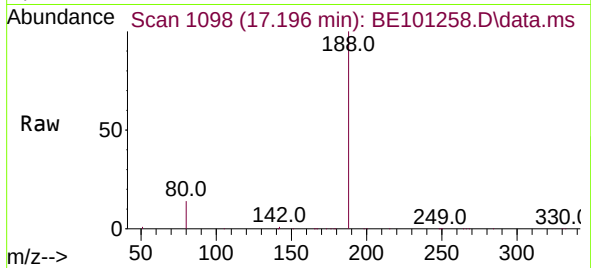




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.196 min Scan# 1098  
Delta R.T. -0.014 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

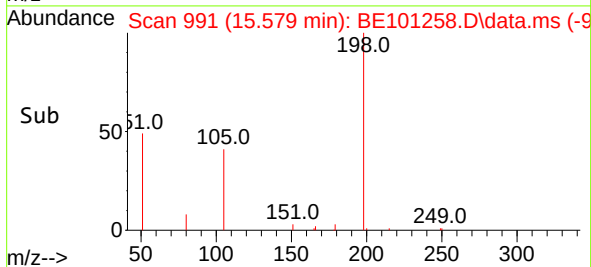
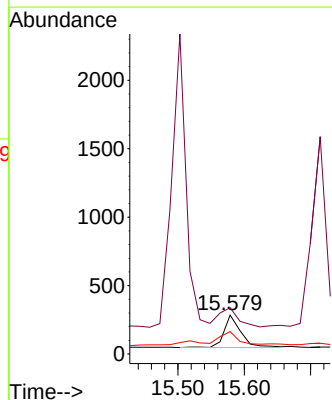
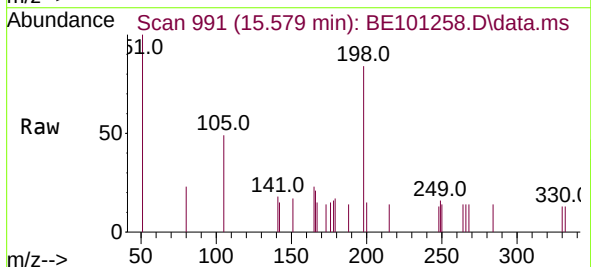
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

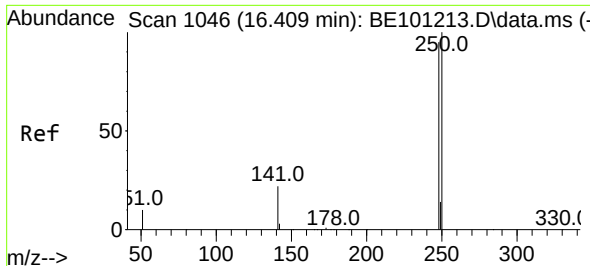
Tgt Ion:188 Resp: 27774  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.2 4.6 6.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.21 ng  
RT: 15.579 min Scan# 991  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:198 Resp: 422  
Ion Ratio Lower Upper  
198 100  
51 119.0 55.9 83.9#  
105 57.7 33.6 50.4#

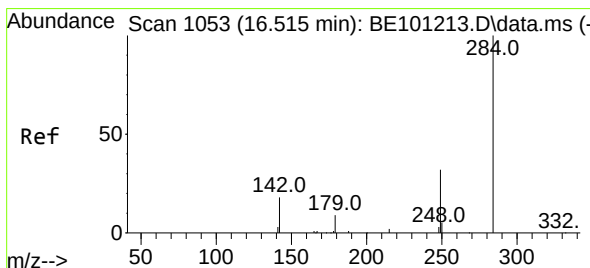
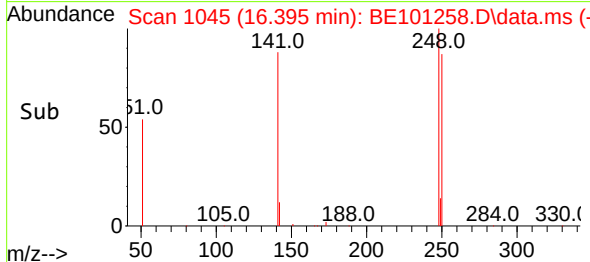
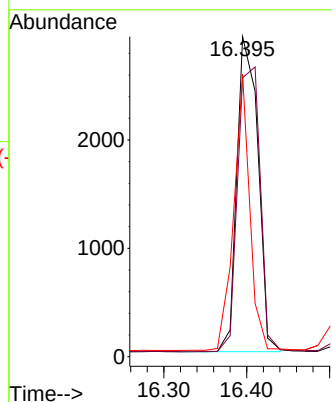
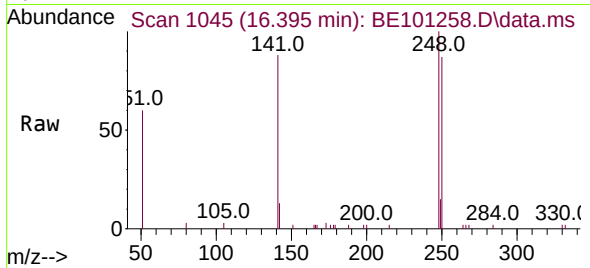




#21  
4-Bromophenyl-phenylether  
Concen: 0.37 ng  
RT: 16.395 min Scan# 1045  
Delta R.T. -0.014 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

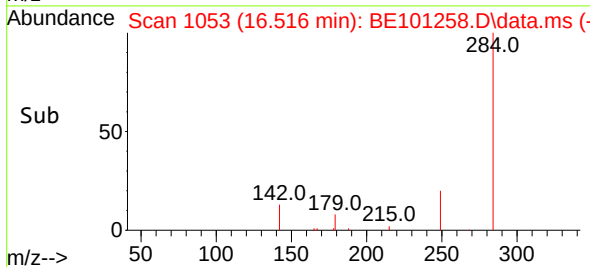
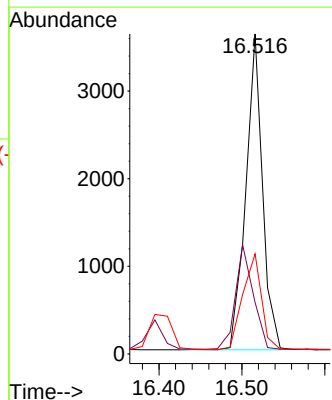
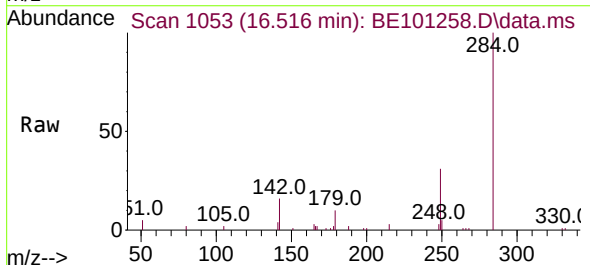
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

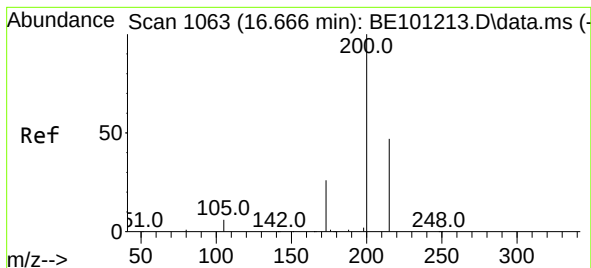
Tgt Ion:248 Resp: 5142  
Ion Ratio Lower Upper  
248 100  
250 87.2 84.5 126.7  
141 88.3 19.8 29.8#



#22  
Hexachlorobenzene  
Concen: 0.36 ng  
RT: 16.516 min Scan# 1053  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:284 Resp: 5046  
Ion Ratio Lower Upper  
284 100  
142 35.1 27.4 41.0  
249 33.8 26.5 39.7





#23

Atrazine

Concen: 0.43 ng

RT: 16.667 min Scan# 1063

Delta R.T. 0.001 min

Lab File: BE101258.D

Acq: 9 Apr 2021 2:41

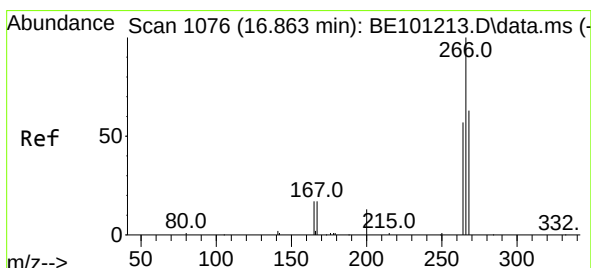
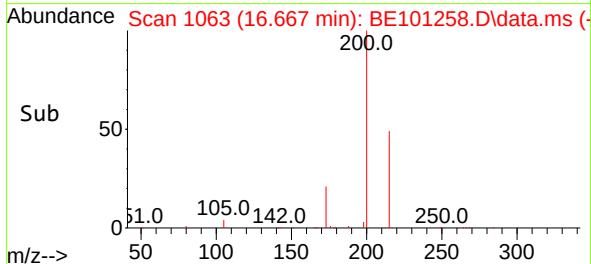
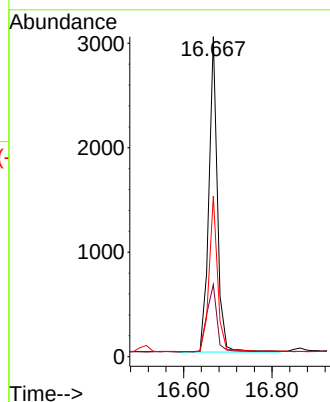
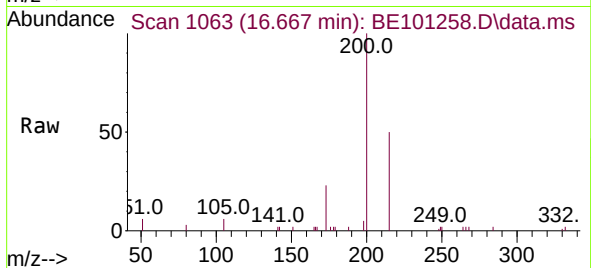
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 4049 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 22.5  | 21.9  | 32.9 |
| 215       | 50.1  | 38.6  | 57.8 |

Instrument :

BNA\_E

ClientSampleId :

PB135627BS



#24

Pentachlorophenol

Concen: 0.09 ng

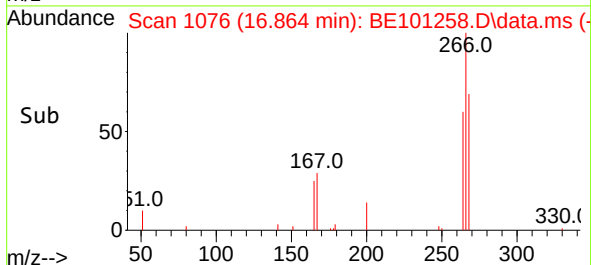
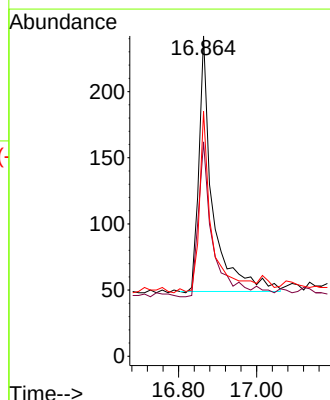
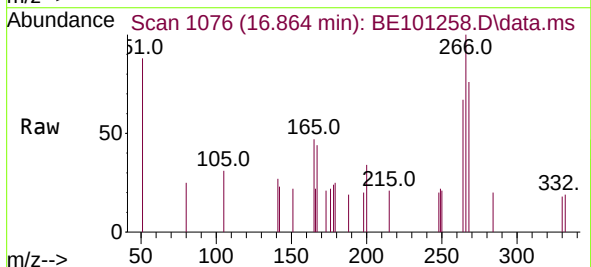
RT: 16.864 min Scan# 1076

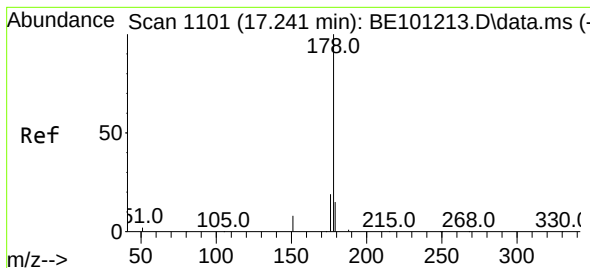
Delta R.T. 0.001 min

Lab File: BE101258.D

Acq: 9 Apr 2021 2:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 472  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.1  | 49.1  | 73.7 |
| 268       | 62.5  | 50.6  | 76.0 |

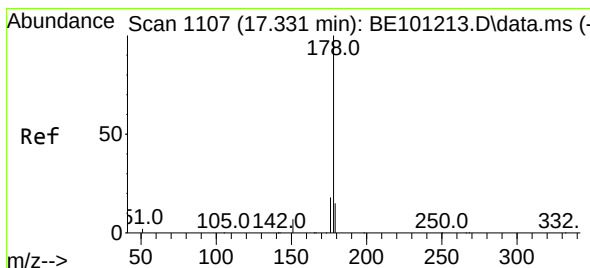
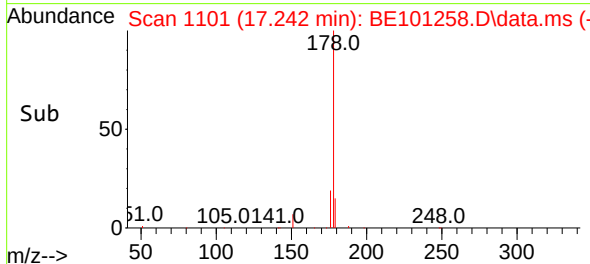
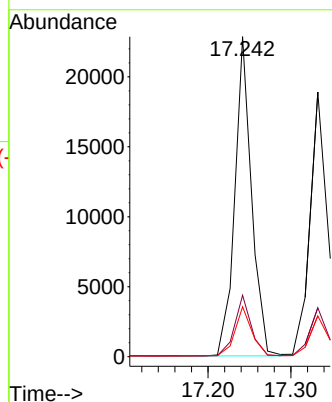
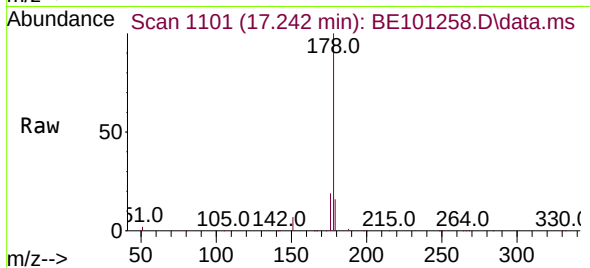




#25  
Phenanthrene  
Concen: 0.39 ng  
RT: 17.242 min Scan# 1101  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

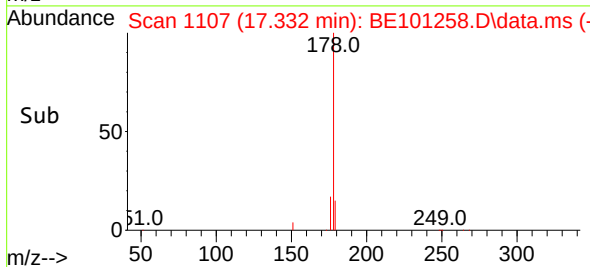
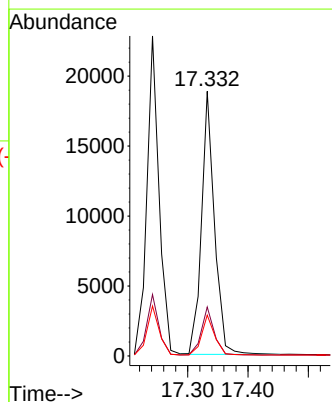
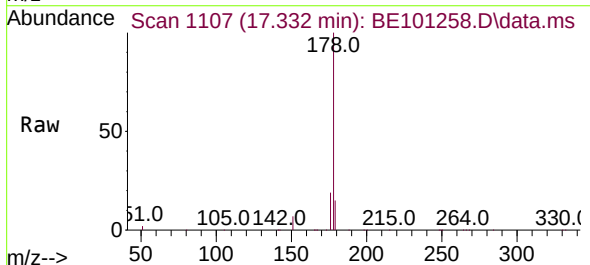
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

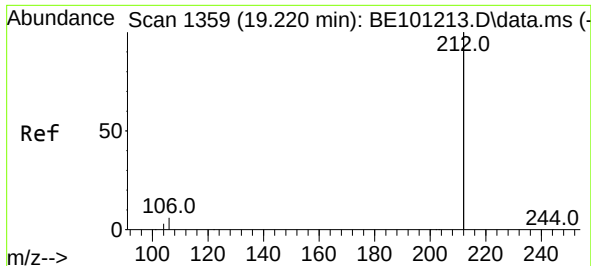
Tgt Ion:178 Resp: 32144  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.6  
179 15.6 12.2 18.4



#26  
Anthracene  
Concen: 0.40 ng  
RT: 17.332 min Scan# 1107  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:178 Resp: 28089  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.4 21.6  
179 15.3 11.8 17.8

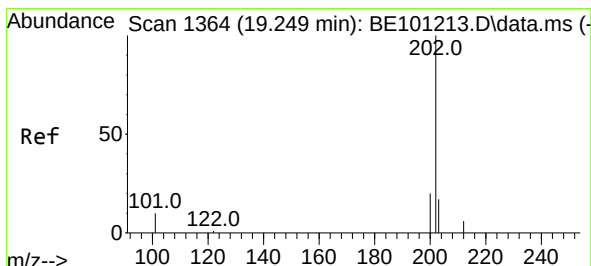
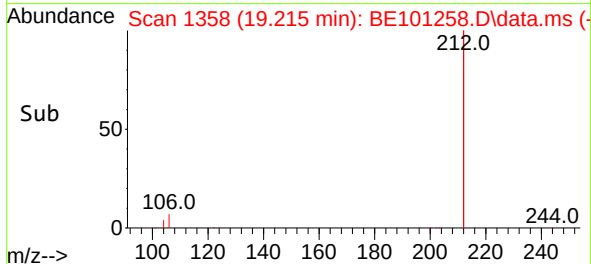
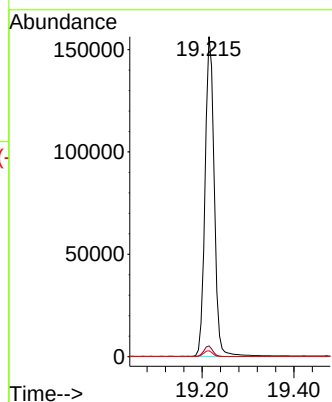
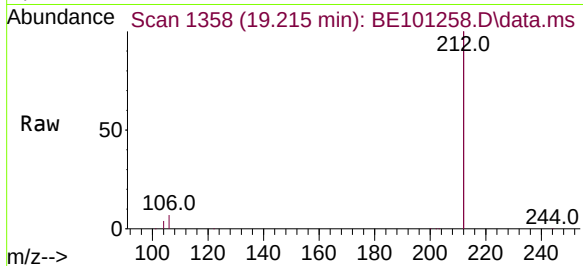




#27  
Fluoranthene-d10  
Concen: 0.45 ng  
RT: 19.215 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

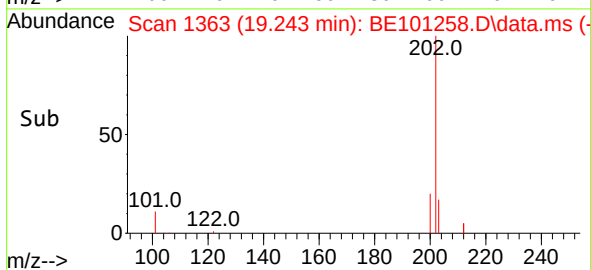
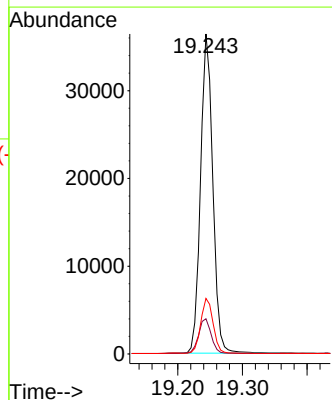
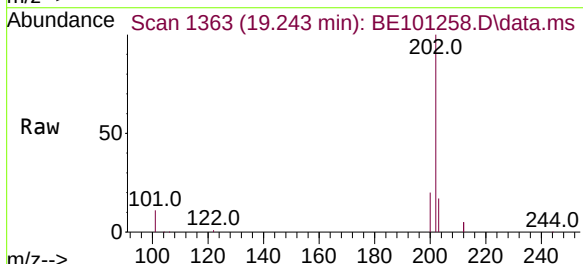
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

Tgt Ion:212 Resp: 216379  
Ion Ratio Lower Upper  
212 100  
106 3.3 2.6 4.0  
104 1.8 1.4 2.2

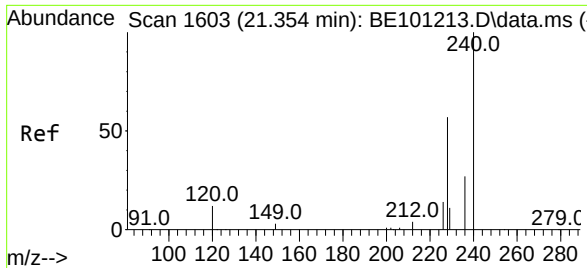


#28  
Fluoranthene  
Concen: 0.45 ng  
RT: 19.243 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:202 Resp: 47806  
Ion Ratio Lower Upper  
202 100  
101 11.4 9.1 13.7  
203 17.6 13.6 20.4



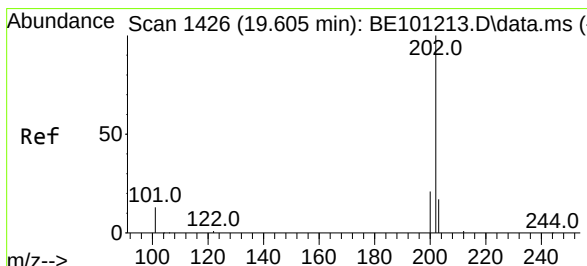
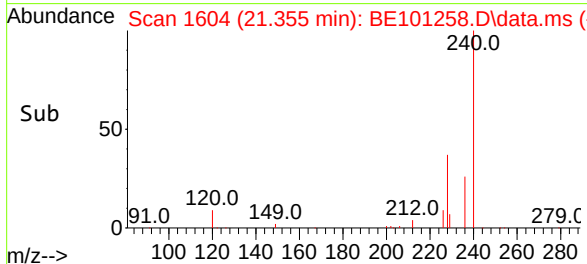
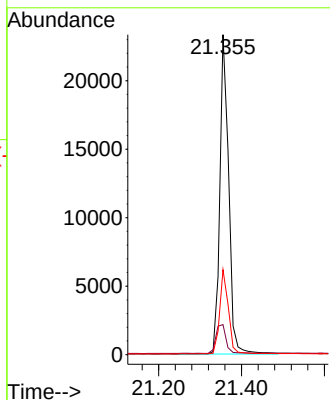
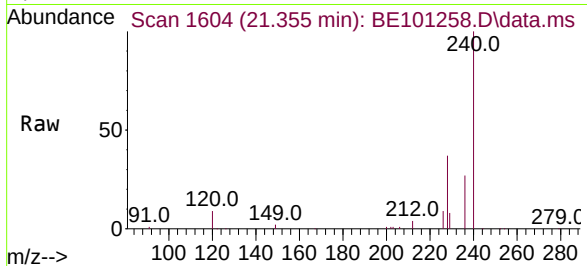




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.355 min Scan# 1604  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

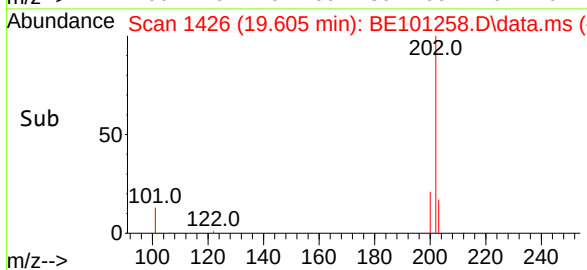
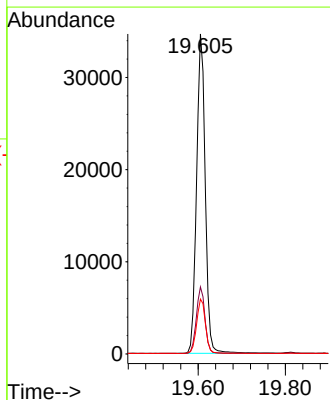
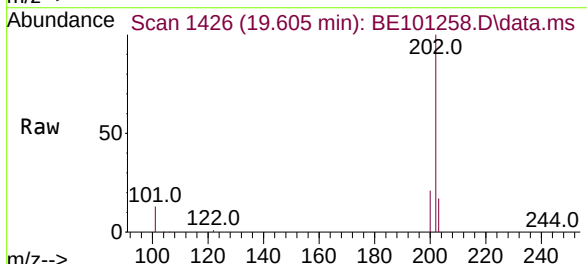
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

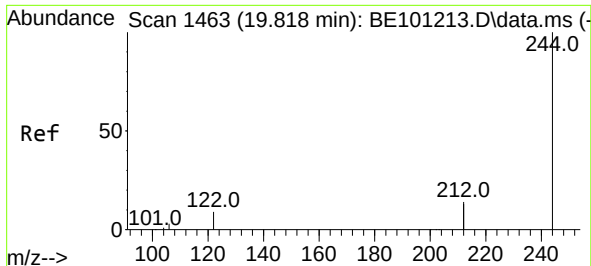
Tgt Ion:240 Resp: 34621  
Ion Ratio Lower Upper  
240 100  
120 9.4 10.2 15.4#  
236 26.6 21.7 32.5



#30  
Pyrene  
Concen: 0.38 ng  
RT: 19.605 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:202 Resp: 47874  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.6 24.8  
203 17.4 13.8 20.8

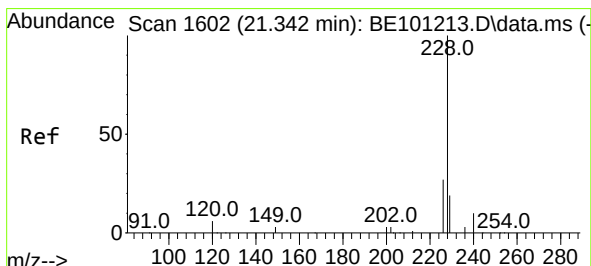
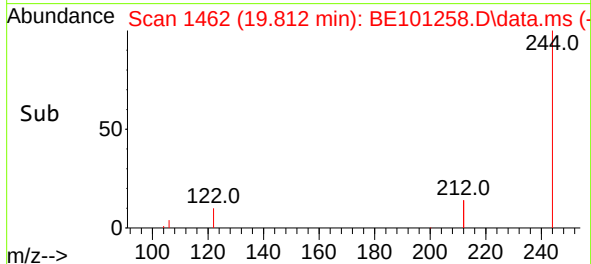
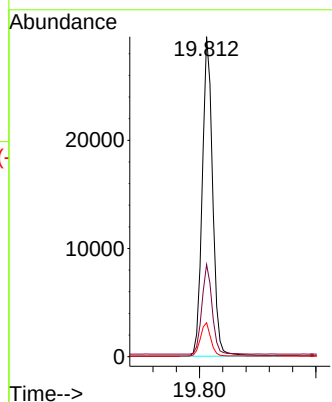
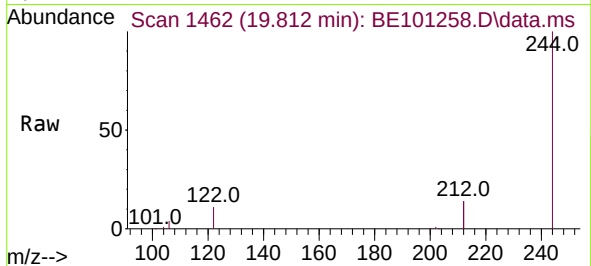




#31  
 Terphenyl-d14  
 Concen: 0.40 ng  
 RT: 19.812 min Scan# 1462  
 Delta R.T. 0.000 min  
 Lab File: BE101258.D  
 Acq: 9 Apr 2021 2:41

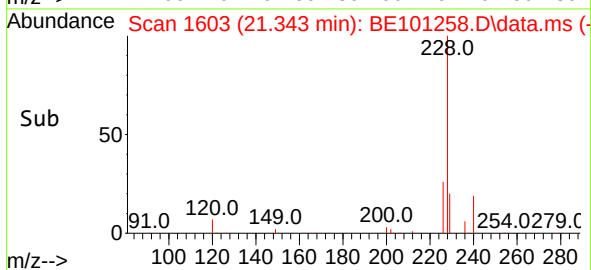
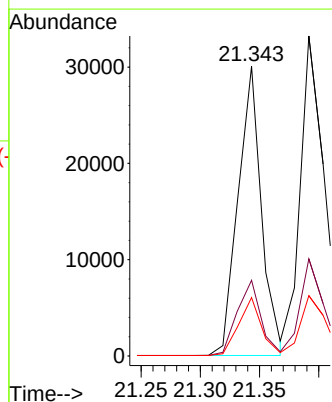
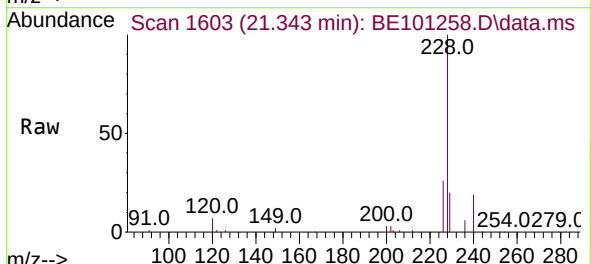
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135627BS

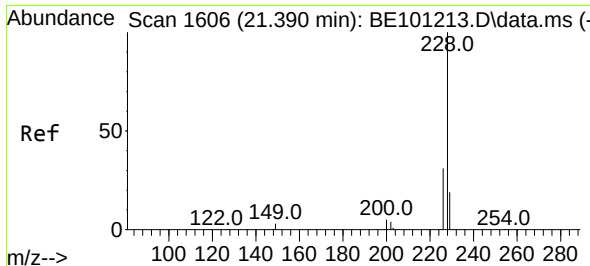
Tgt Ion:244 Resp: 36746  
 Ion Ratio Lower Upper  
 244 100  
 212 28.8 21.9 32.9  
 122 10.6 7.3 10.9



#32  
 Benzo(a)anthracene  
 Concen: 0.42 ng  
 RT: 21.343 min Scan# 1603  
 Delta R.T. 0.001 min  
 Lab File: BE101258.D  
 Acq: 9 Apr 2021 2:41

Tgt Ion:228 Resp: 41276  
 Ion Ratio Lower Upper  
 228 100  
 226 26.1 21.4 32.2  
 229 20.1 15.7 23.5

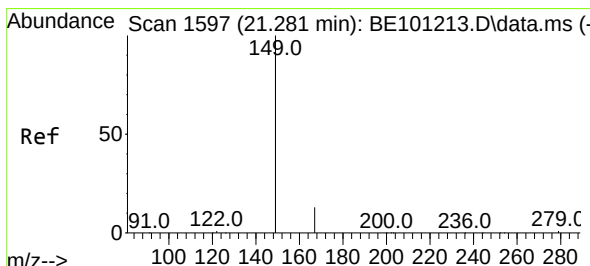
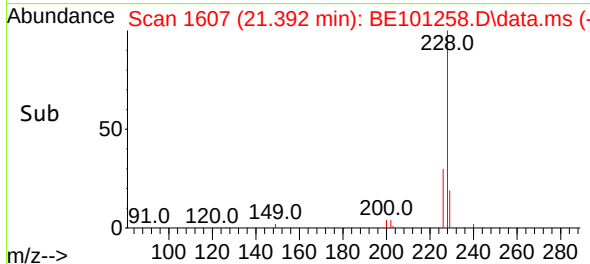
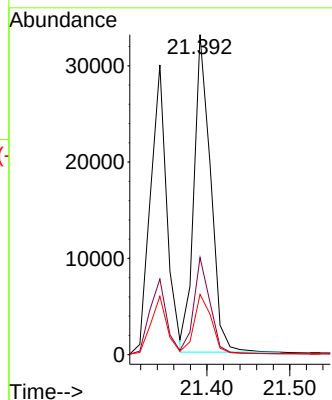
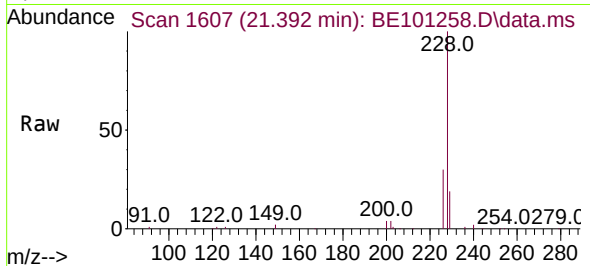




#33  
Chrysene  
Concen: 0.40 ng  
RT: 21.392 min Scan# 1607  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

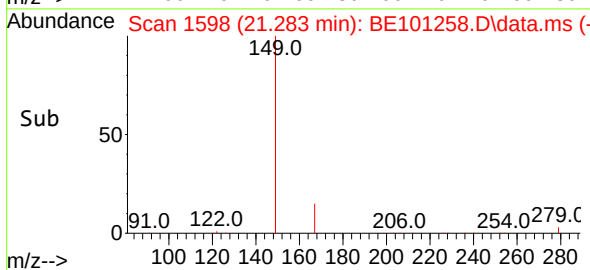
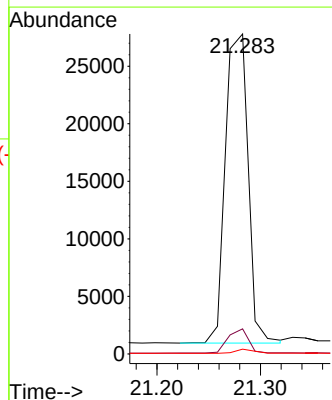
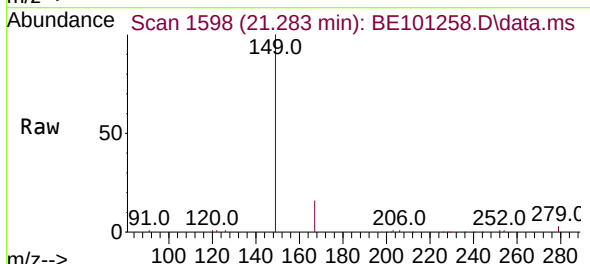
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

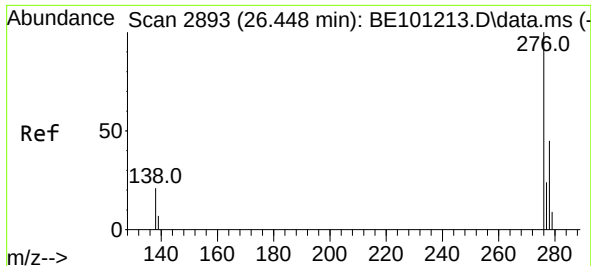
|             |             |
|-------------|-------------|
| Tgt Ion:228 | Resp: 45996 |
| Ion Ratio   | Lower Upper |
| 228 100     |             |
| 226 30.4    | 24.8 37.2   |
| 229 18.9    | 15.2 22.8   |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.58 ng  
RT: 21.283 min Scan# 1598  
Delta R.T. 0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

|             |             |
|-------------|-------------|
| Tgt Ion:149 | Resp: 40995 |
| Ion Ratio   | Lower Upper |
| 149 100     |             |
| 167 7.0     | 5.5 8.3     |
| 279 1.1     | 1.0 1.4     |

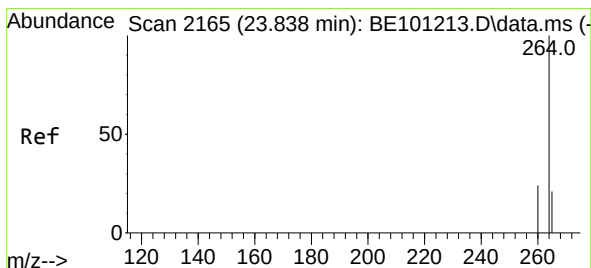
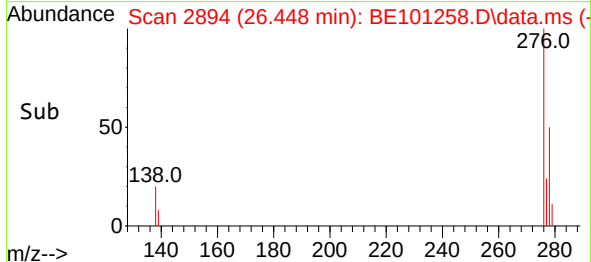
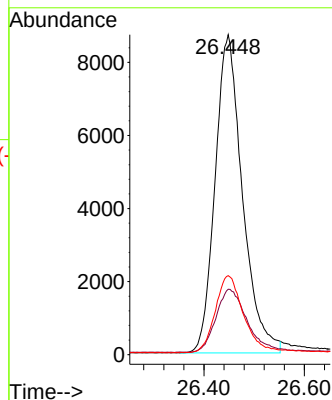
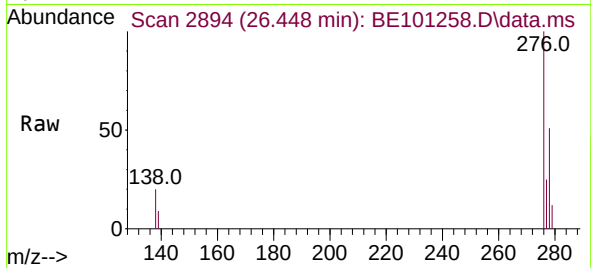




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.39 ng  
RT: 26.448 min Scan# 2894  
Delta R.T. 0.004 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

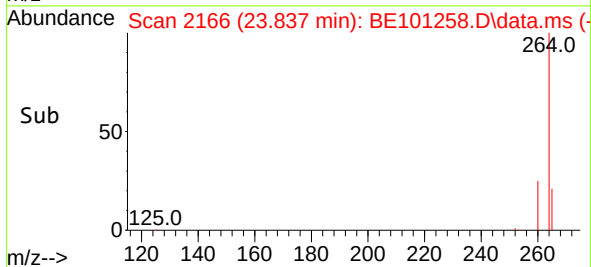
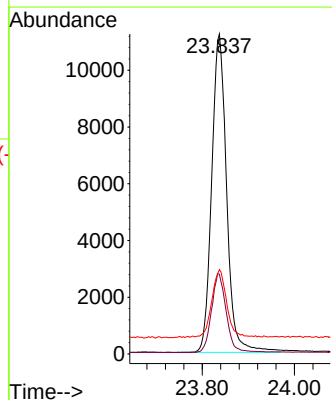
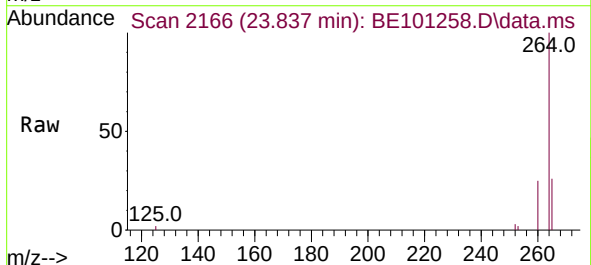
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

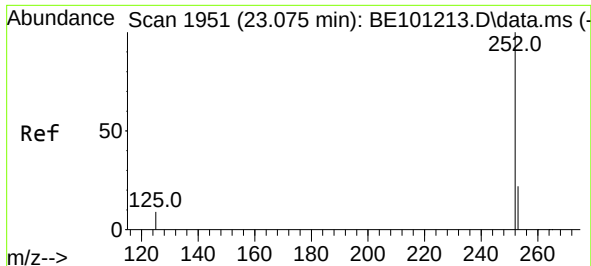
Tgt Ion:276 Resp: 32919  
Ion Ratio Lower Upper  
276 100  
138 22.2 17.4 26.0  
277 24.8 19.8 29.8



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.837 min Scan# 2166  
Delta R.T. 0.002 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:264 Resp: 25245  
Ion Ratio Lower Upper  
264 100  
260 24.9 19.3 28.9  
265 26.3 22.4 33.6

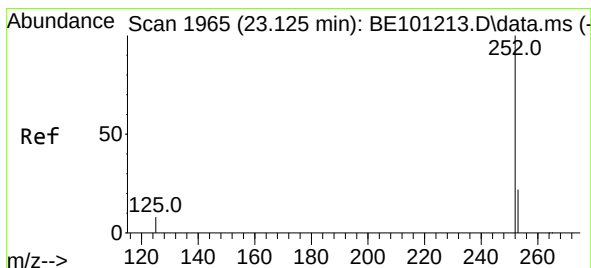
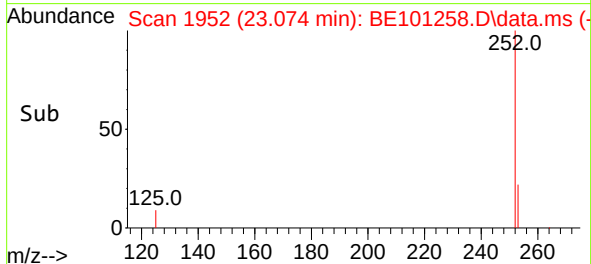
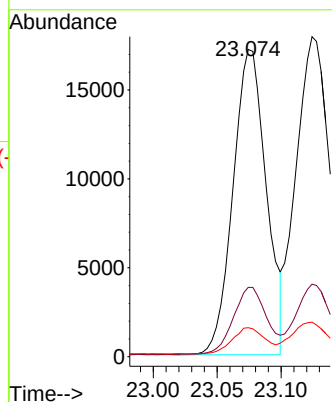
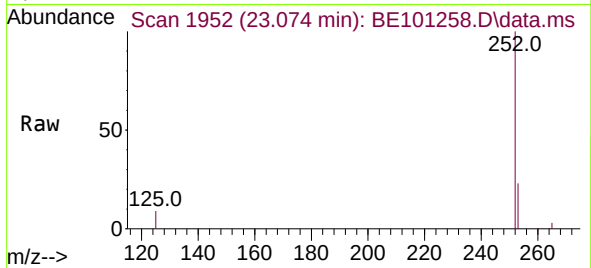




#37  
Benzo(b)fluoranthene  
Concen: 0.38 ng  
RT: 23.074 min Scan# 1952  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

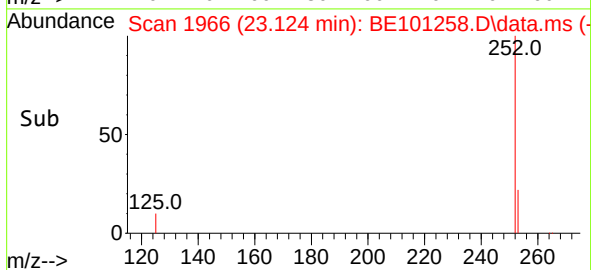
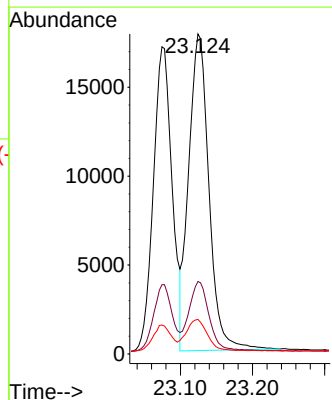
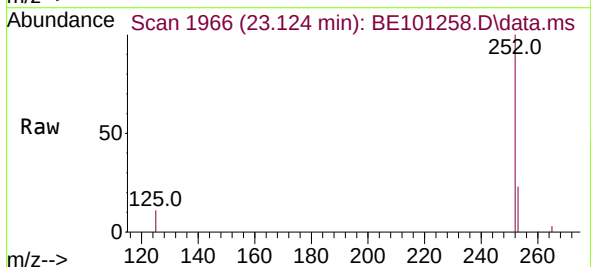
Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

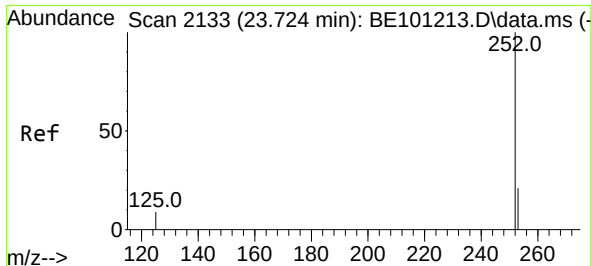
Tgt Ion:252 Resp: 31059  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.1 27.1  
125 9.4 7.6 11.4



#38  
Benzo(k)fluoranthene  
Concen: 0.38 ng  
RT: 23.124 min Scan# 1966  
Delta R.T. -0.001 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Tgt Ion:252 Resp: 34707  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 10.8 7.6 11.4





#39

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.723 min Scan# 2134

Delta R.T. -0.001 min

Lab File: BE101258.D

Acq: 9 Apr 2021 2:41

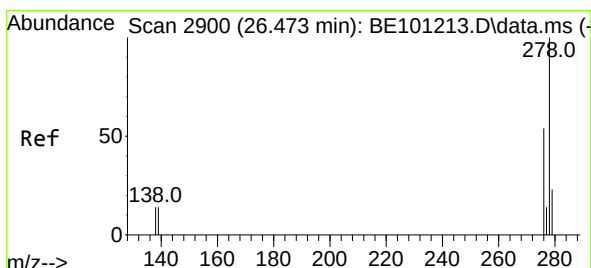
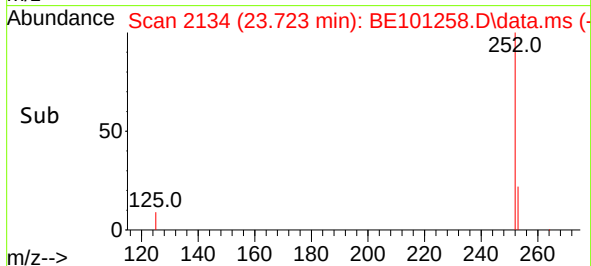
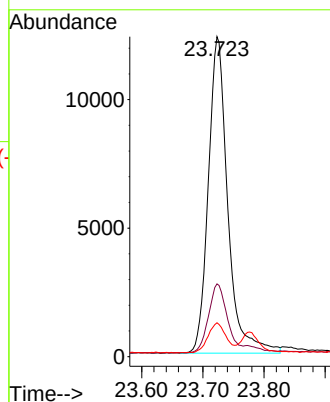
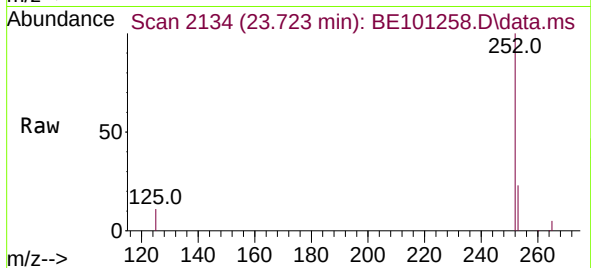
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 27171 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.8  | 18.0  | 27.0  |
| 125       | 10.6  | 8.0   | 12.0  |

Instrument :

BNA\_E

ClientSampleId :

PB135627BS



#40

Dibenzo(a,h)anthracene

Concen: 0.41 ng

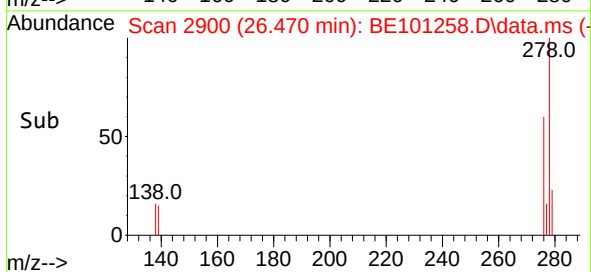
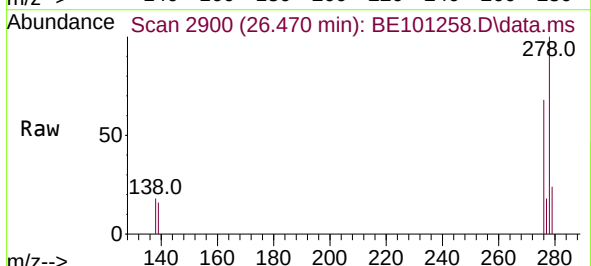
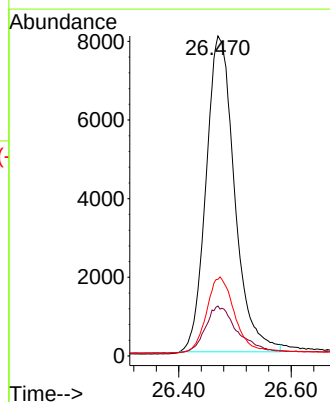
RT: 26.470 min Scan# 2900

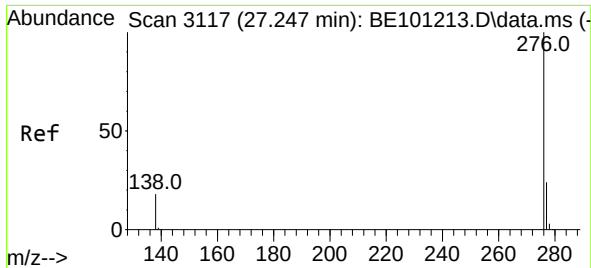
Delta R.T. -0.003 min

Lab File: BE101258.D

Acq: 9 Apr 2021 2:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 28272 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 15.6  | 12.2  | 18.2  |
| 279       | 23.9  | 19.3  | 28.9  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.40 ng  
RT: 27.247 min Scan# 3118  
Delta R.T. 0.004 min  
Lab File: BE101258.D  
Acq: 9 Apr 2021 2:41

Instrument :  
BNA\_E  
ClientSampleId :  
PB135627BS

Tgt Ion:276 Resp: 29850  
Ion Ratio Lower Upper  
276 100  
277 24.5 19.4 29.0  
138 19.3 15.2 22.8

