

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040621\  
 Data File : BE101218.D  
 Acq On : 6 Apr 2021 16:20  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICSVBE040621

Quant Time: Apr 06 17:56:03 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE040621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 06 17:42:42 2021  
 Response via : Initial Calibration

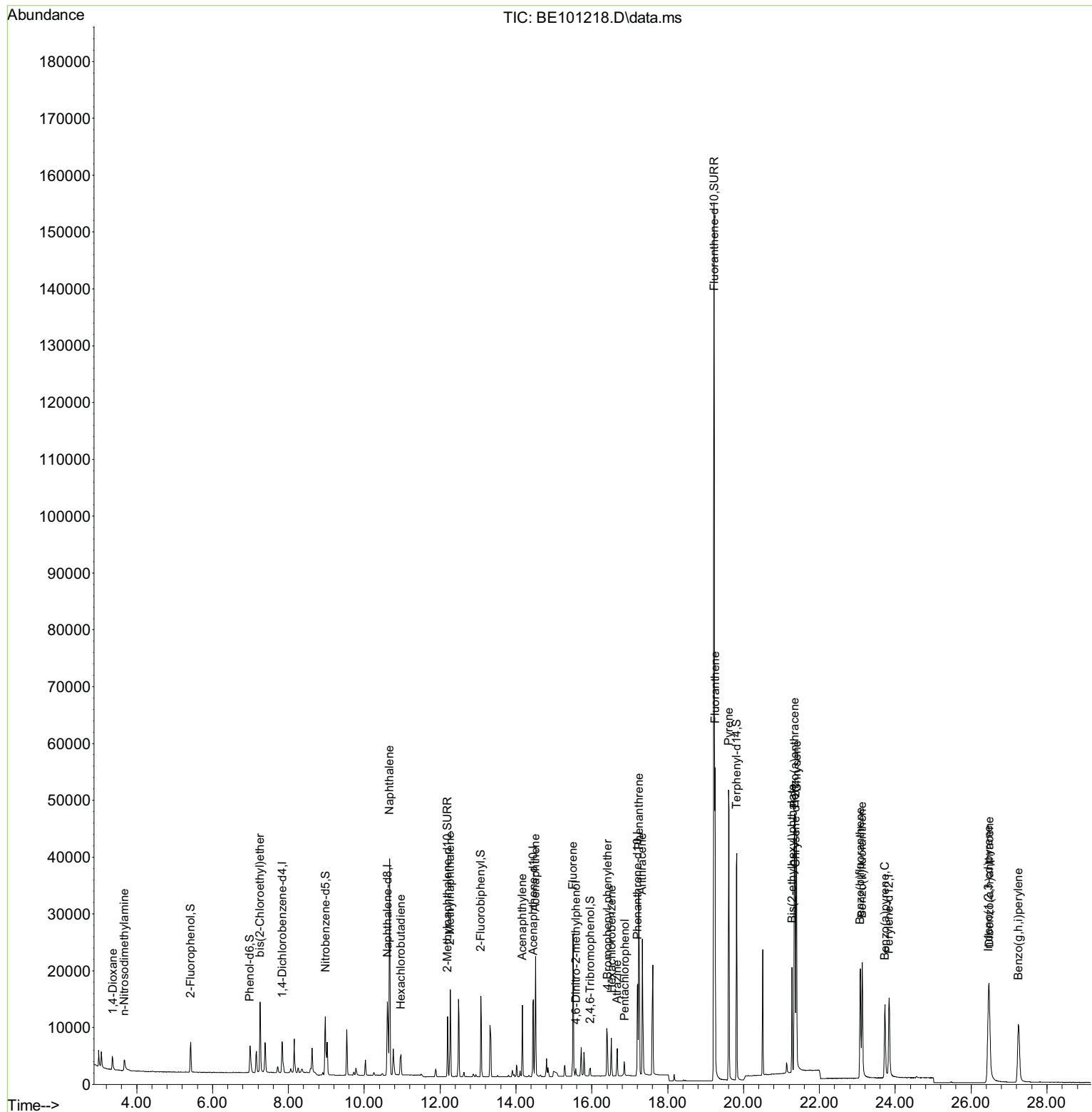
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.839  | 152  | 2795     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.614 | 136  | 13260    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.457 | 164  | 9448     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.211 | 188  | 28394    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.365 | 240  | 31216    | 0.40 | ng    | # 0.01   |
| 36) Perylene-d12              | 23.837 | 264  | 22475    | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.420  | 112  | 2799     | 0.43 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.987  | 99   | 4161     | 0.40 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.977  | 82   | 3856     | 0.39 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.195 | 152  | 12928    | 0.42 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 910      | 0.36 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.074 | 172  | 13852    | 0.41 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.221 | 212  | 214203   | 0.43 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.819 | 244  | 36847    | 0.44 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.370  | 88   | 1862     | 0.44 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.670  | 42   | 1842     | 0.41 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.252  | 93   | 3983     | 0.42 | ng    | 97       |
| 9) Naphthalene                | 10.666 | 128  | 58339    | 0.40 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.965 | 225  | 2634     | 0.41 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.267 | 142  | 10736    | 0.41 | ng    | 100      |
| 16) Acenaphthylene            | 14.169 | 152  | 13943    | 0.38 | ng    | 99       |
| 17) Acenaphthene              | 14.514 | 154  | 10987    | 0.40 | ng    | 99       |
| 18) Fluorene                  | 15.503 | 166  | 15045    | 0.41 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.579 | 198  | 998      | 0.38 | ng    | 95       |
| 21) 4-Bromophenyl-phenylether | 16.410 | 248  | 4832     | 0.34 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.516 | 284  | 5316     | 0.37 | ng    | 99       |
| 23) Atrazine                  | 16.667 | 200  | 3571     | 0.37 | ng    | 98       |
| 24) Pentachlorophenol         | 16.864 | 266  | 1499     | 0.29 | ng    | 98       |
| 25) Phenanthrene              | 17.242 | 178  | 33124    | 0.39 | ng    | 100      |
| 26) Anthracene                | 17.332 | 178  | 26756    | 0.37 | ng    | 99       |
| 28) Fluoranthene              | 19.250 | 202  | 47918    | 0.44 | ng    | 99       |
| 30) Pyrene                    | 19.606 | 202  | 47415    | 0.42 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.341 | 228  | 32286    | 0.37 | ng    | 100      |
| 33) Chrysene                  | 21.402 | 228  | 42254    | 0.40 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.281 | 149  | 20134    | 0.32 | ng    | 99       |
| 35) Indeno(1,2,3-cd)pyrene    | 26.452 | 276  | 28404    | 0.37 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.078 | 252  | 27504    | 0.37 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.128 | 252  | 30960    | 0.38 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.726 | 252  | 23429    | 0.38 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.477 | 278  | 24616    | 0.40 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 27.251 | 276  | 27314    | 0.41 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

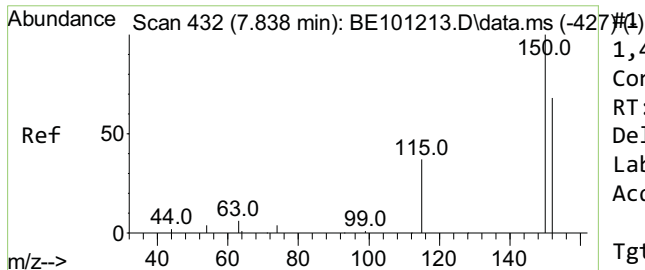
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040621\  
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 ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Apr 06 17:56:03 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE040621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 06 17:42:42 2021  
 Response via : Initial Calibration

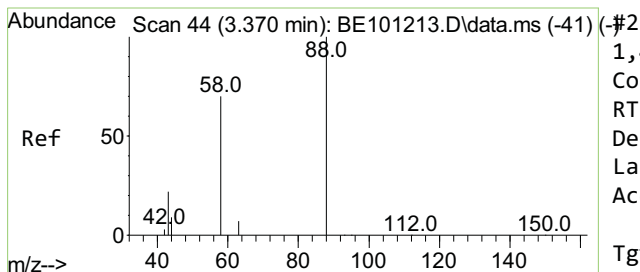
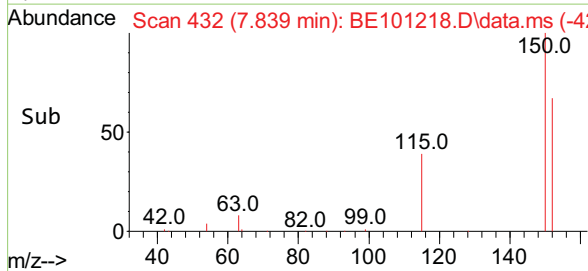
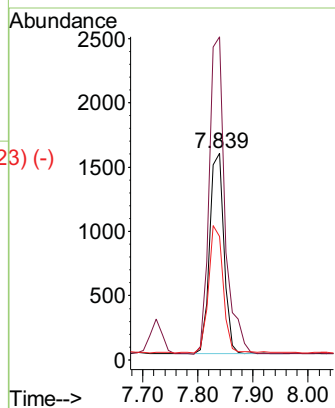
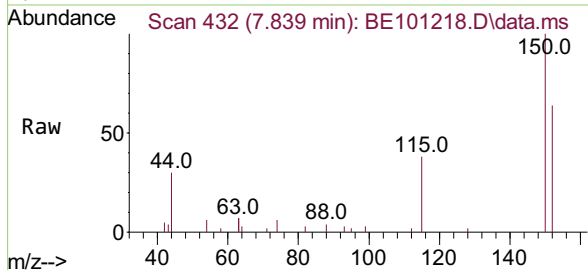




1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.839 min Scan# 432  
 Delta R.T. 0.001 min  
 Lab File: BE101218.D  
 Acq: 6 Apr 2021 16:20

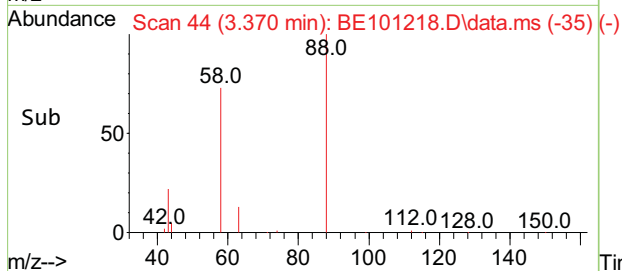
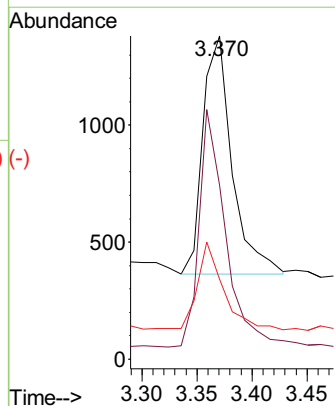
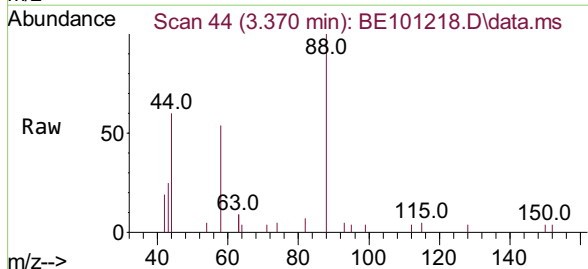
Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE040621

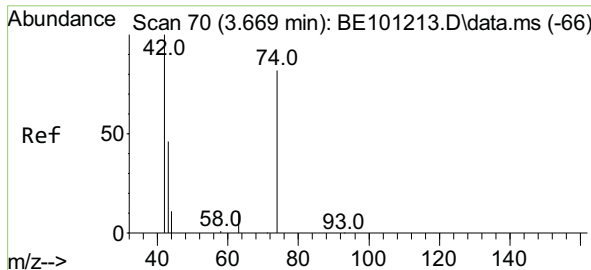
Tgt Ion:152 Resp: 2795  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 116.9 175.3  
 115 59.8 44.5 66.7



1,4-Dioxane  
 Concen: 0.44 ng  
 RT: 3.370 min Scan# 44  
 Delta R.T. 0.001 min  
 Lab File: BE101218.D  
 Acq: 6 Apr 2021 16:20

Tgt Ion: 88 Resp: 1862  
 Ion Ratio Lower Upper  
 88 100  
 58 90.0 73.6 110.4  
 43 33.0 27.6 41.4



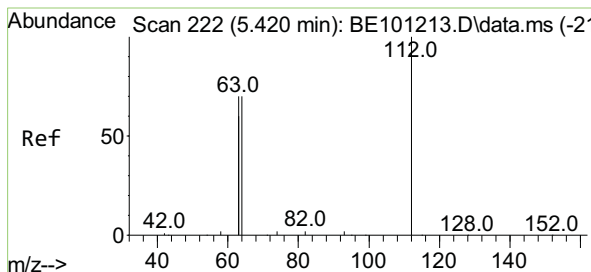
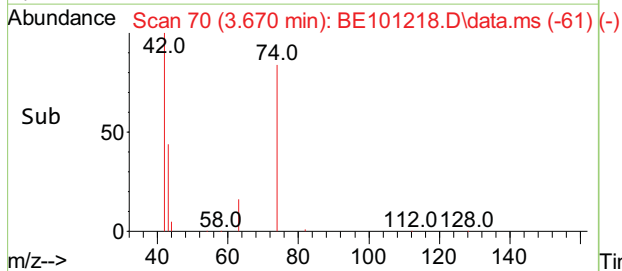
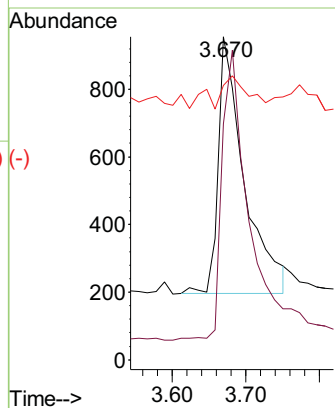
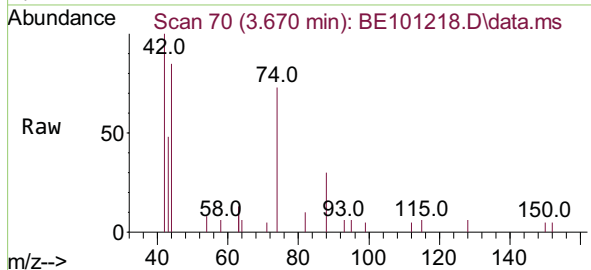


n-Nitrosodimethylamine  
 Concen: 0.41 ng  
 RT: 3.670 min Scan# 70  
 Delta R.T. 0.001 min  
 Lab File: BE101218.D  
 Acq: 6 Apr 2021 16:20

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE040621

Tgt Ion: 42 Resp: 1842

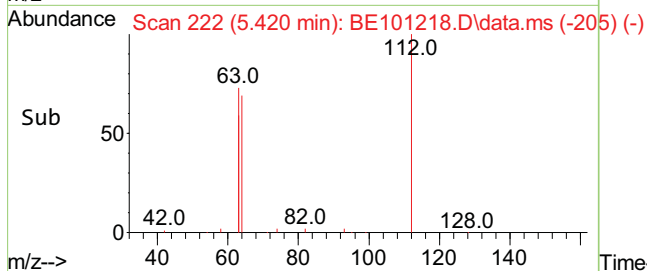
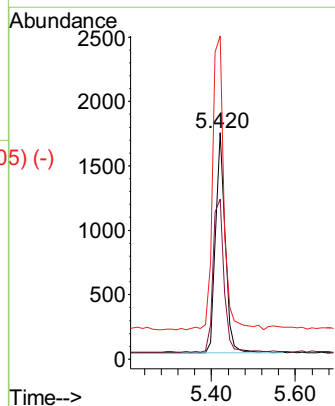
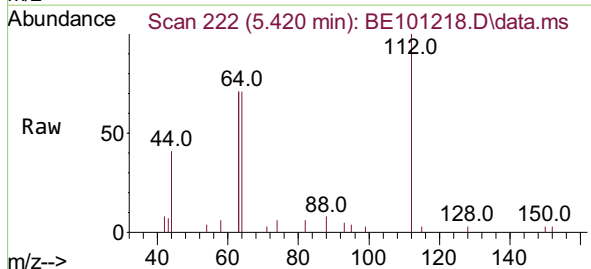
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 114.3 | 92.7  | 139.1 |
| 44  | 12.7  | 10.7  | 16.1  |

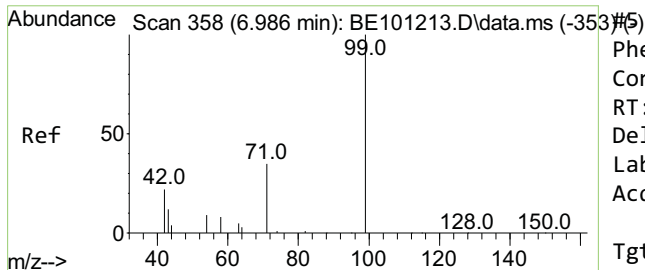


2-Fluorophenol  
 Concen: 0.43 ng  
 RT: 5.420 min Scan# 222  
 Delta R.T. 0.001 min  
 Lab File: BE101218.D  
 Acq: 6 Apr 2021 16:20

Tgt Ion: 112 Resp: 2799

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 76.9  | 62.3  | 93.5  |
| 63  | 152.9 | 117.3 | 175.9 |

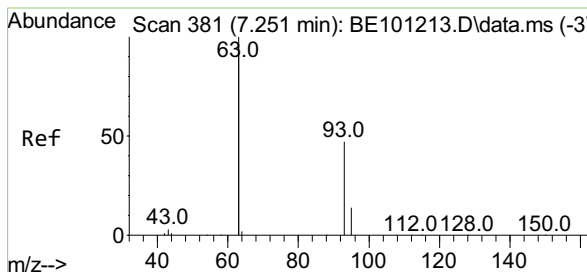
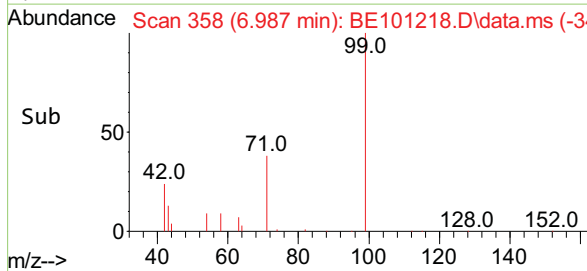
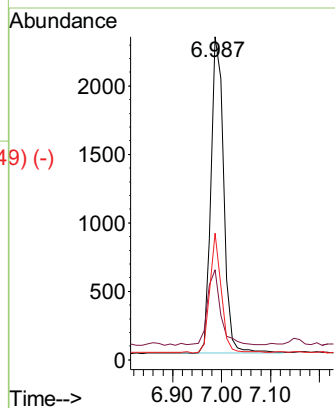
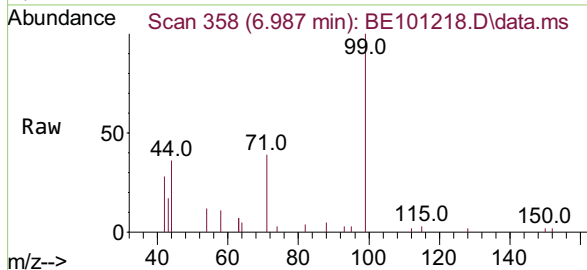




Phenol-d6  
Concen: 0.40 ng  
RT: 6.987 min Scan# 358  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

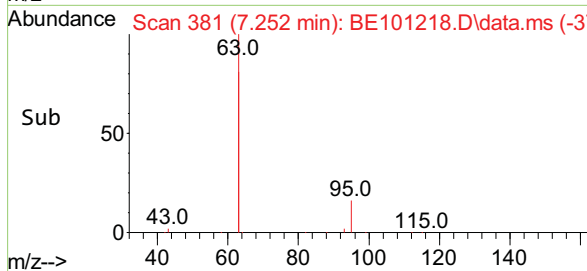
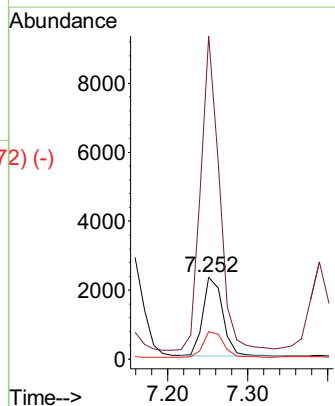
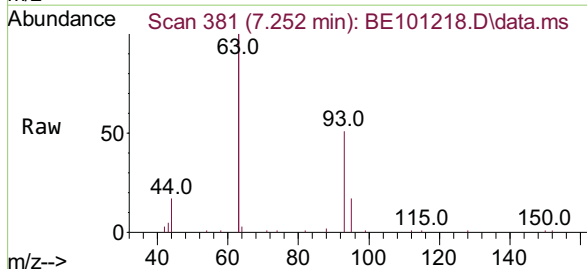
Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4161  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 25.4  | 18.5  | 27.7  |
| 71       | 33.5  | 26.5  | 39.7  |

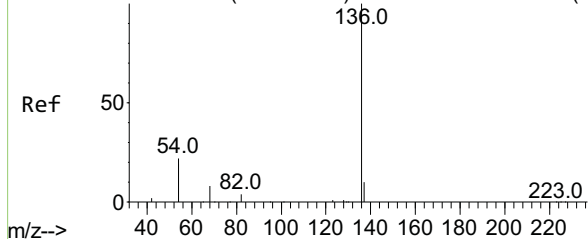


bis(2-Chloroethyl)ether  
Concen: 0.42 ng  
RT: 7.252 min Scan# 381  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 3983  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 371.9 | 292.5 | 438.7 |
| 95       | 33.7  | 25.7  | 38.5  |



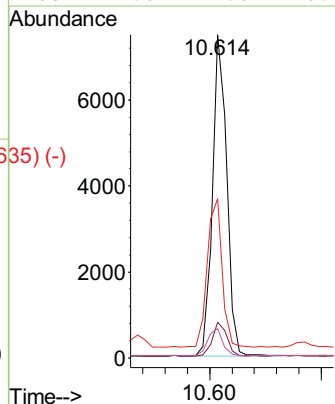
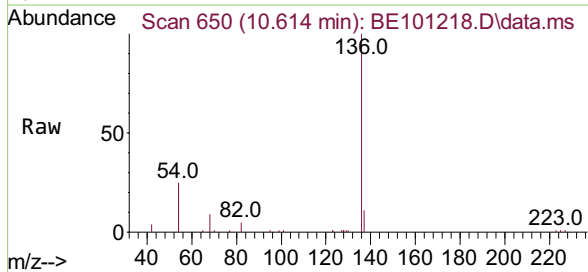
Abundance Scan 650 (10.615 min): BE101213.D\data.ms (-6457-)



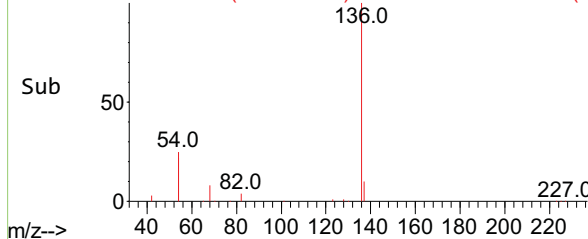
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.614 min Scan# 650  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

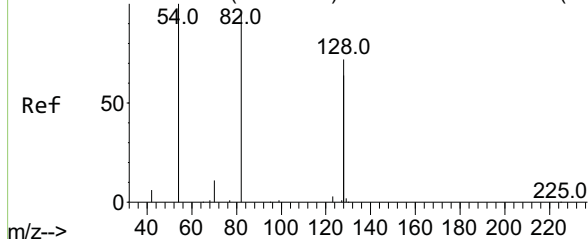
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13260 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 8.6   | 13.0  |
| 54       | 49.2  | 34.7  | 52.1  |
| 68       | 9.0   | 7.0   | 10.4  |



Abundance Scan 650 (10.614 min): BE101218.D\data.ms (-635-)

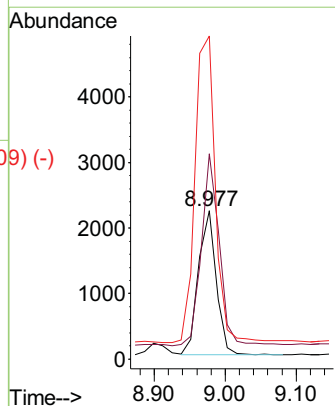
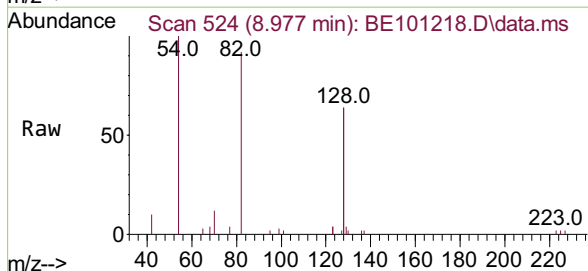


Abundance Scan 524 (8.978 min): BE101213.D\data.ms (-52178)

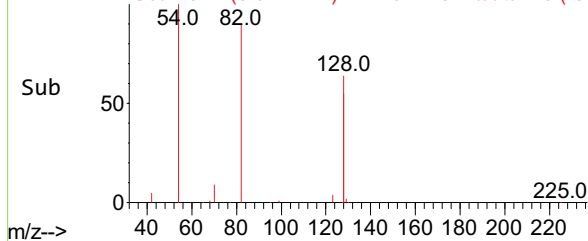


Nitrobenzene-d5  
Concen: 0.39 ng  
RT: 8.977 min Scan# 524  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3856  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 138.2 | 118.7 | 178.1 |
| 54       | 217.3 | 164.4 | 246.6 |



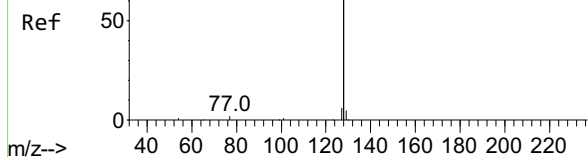
Abundance Scan 524 (8.977 min): BE101218.D\data.ms (-509-)



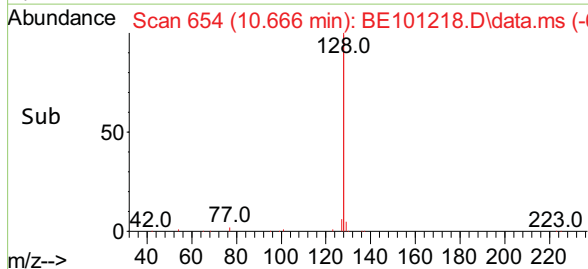
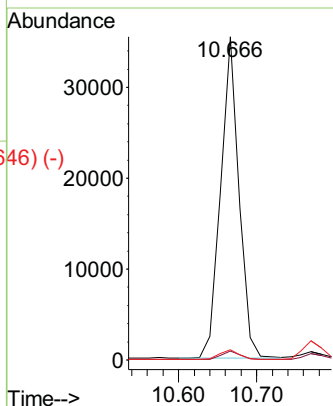
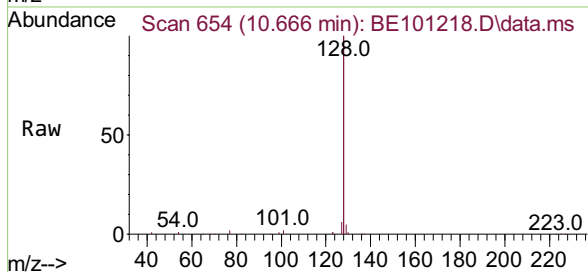
Abundance Scan 654 (10.667 min): BE101213.D\data.ms (-649) (-)

Naphthalene  
Concen: 0.40 ng  
RT: 10.666 min Scan# 654  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
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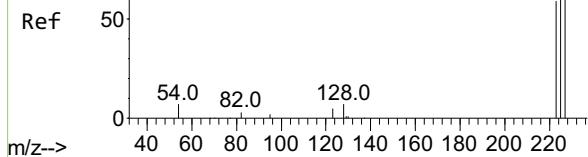


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 58339 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 2.7   | 2.2   | 3.4   |
| 127      | 3.2   | 2.6   | 3.8   |

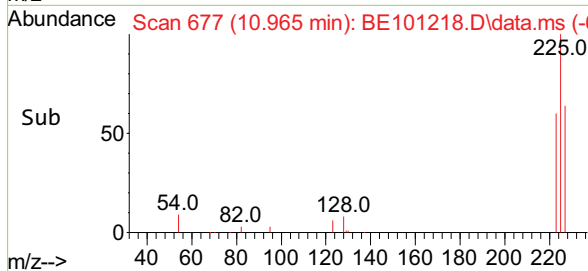
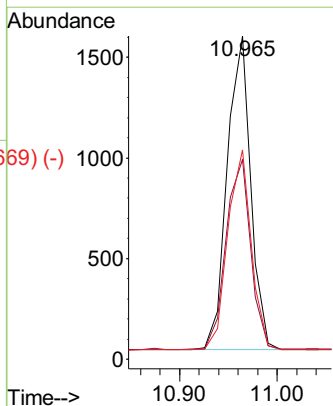
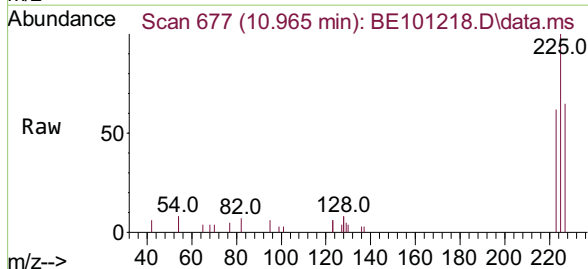


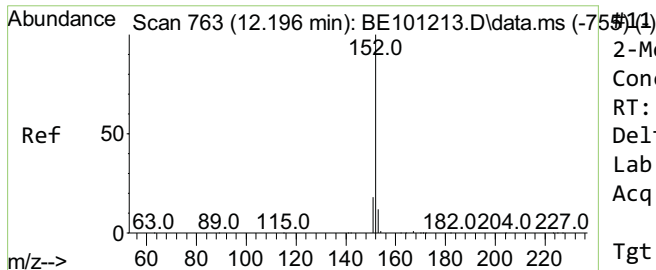
Abundance Scan 677 (10.965 min): BE101213.D\data.ms (-672) (-)

Hexachlorobutadiene  
Concen: 0.41 ng  
RT: 10.965 min Scan# 677  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2634  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.7  | 50.4  | 75.6  |
| 227      | 63.7  | 50.1  | 75.1  |

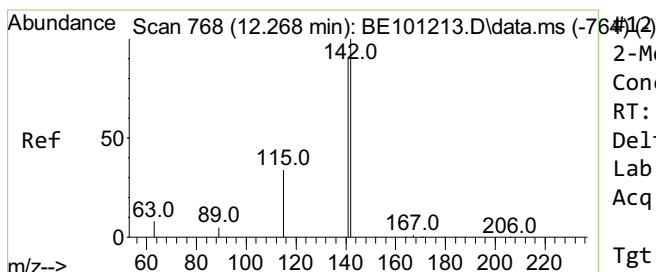
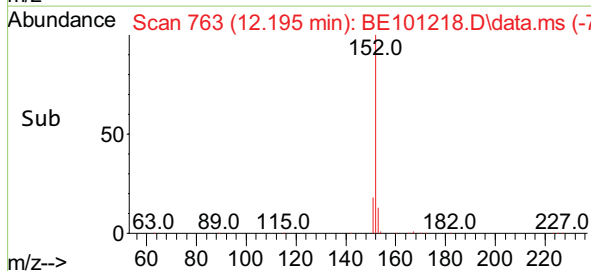
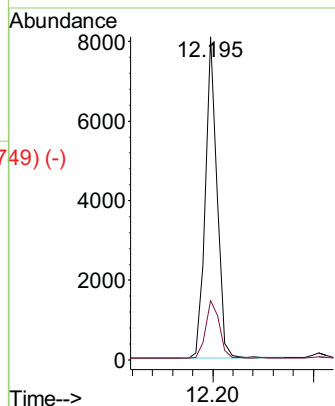
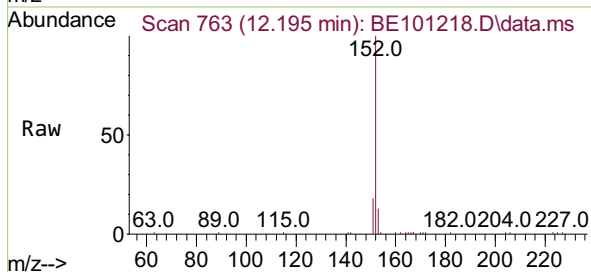




2-Methylnaphthalene-d10  
Concen: 0.42 ng  
RT: 12.195 min Scan# 763  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

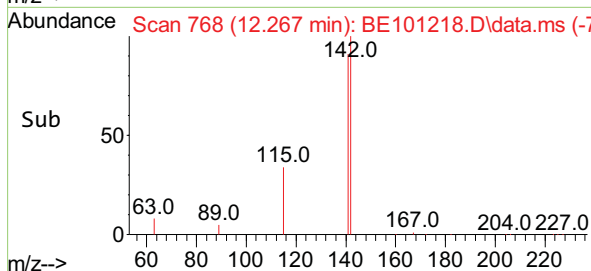
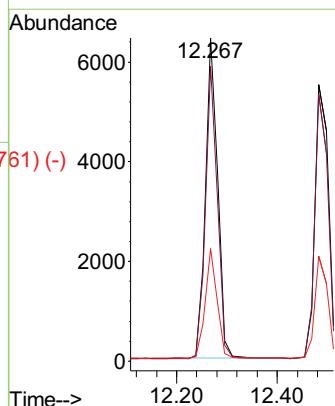
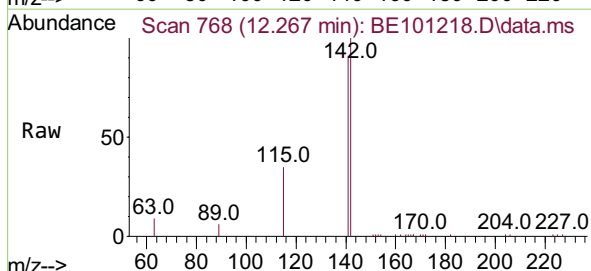
Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

Tgt Ion:152 Resp: 12928  
Ion Ratio Lower Upper  
152 100  
151 20.8 16.5 24.7



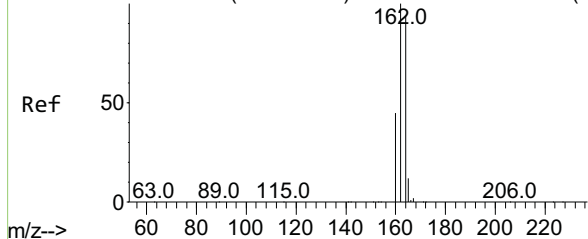
2-Methylnaphthalene  
Concen: 0.41 ng  
RT: 12.267 min Scan# 768  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Tgt Ion:142 Resp: 10736  
Ion Ratio Lower Upper  
142 100  
141 91.2 73.0 109.6  
115 34.8 27.8 41.8





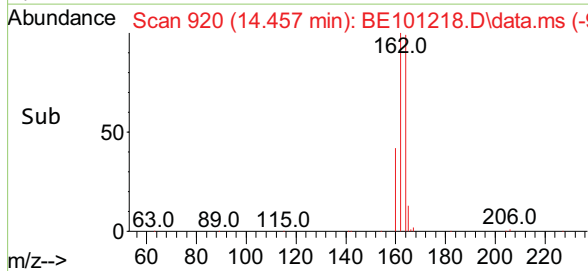
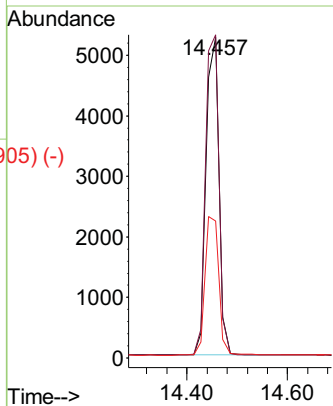
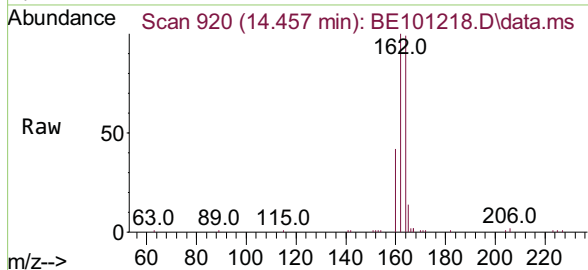
Abundance Scan 919 (14.443 min): BE101213.D\data.ms (-913)



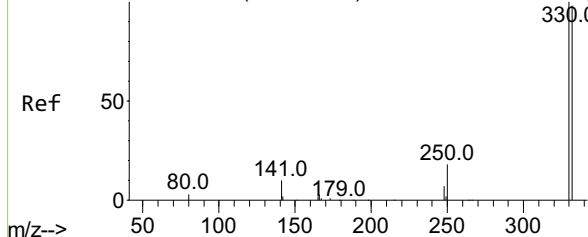
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.457 min Scan# 920  
Delta R.T. 0.013 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 9448  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 100.8 | 85.3  | 127.9 |
| 160      | 42.7  | 39.1  | 58.7  |

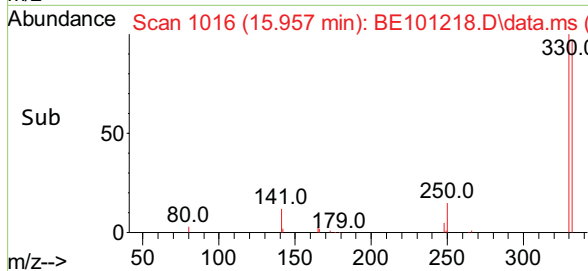
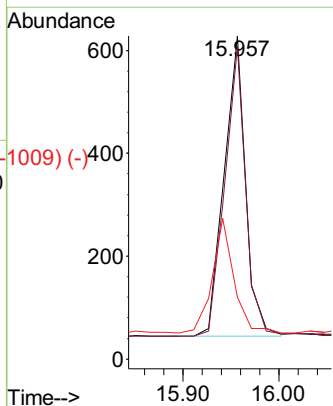
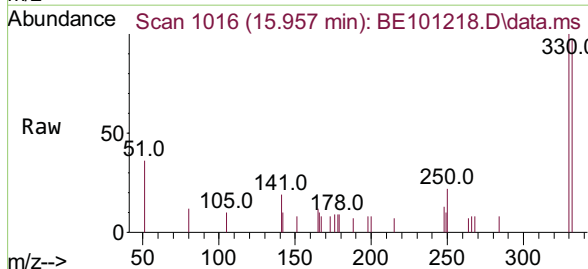


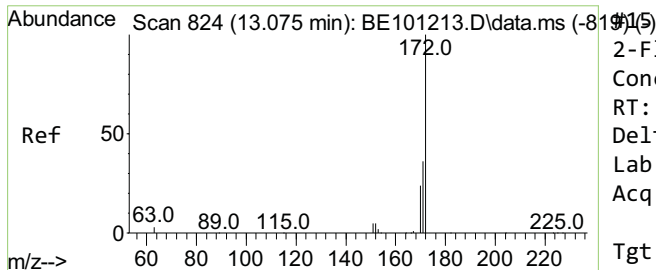
Abundance Scan 1016 (15.956 min): BE101213.D\data.ms (-1012) (-)



2,4,6-Tribromophenol  
Concen: 0.36 ng  
RT: 15.957 min Scan# 1016  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 910   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 94.9  | 77.8  | 116.6 |
| 141      | 38.0  | 30.4  | 45.6  |

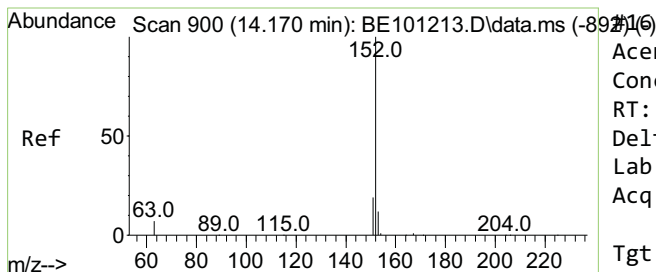
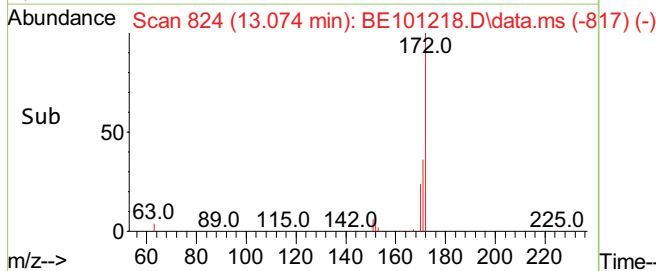
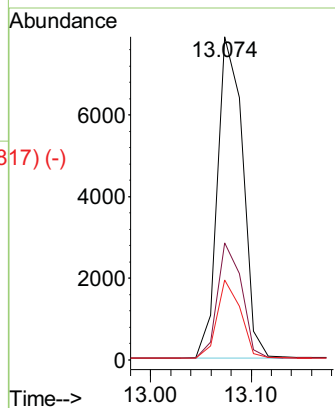
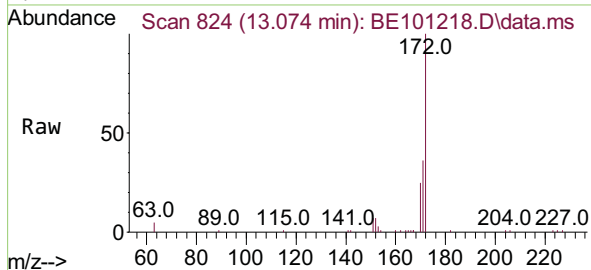




2-Fluorobiphenyl  
Concen: 0.41 ng  
RT: 13.074 min Scan# 824  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

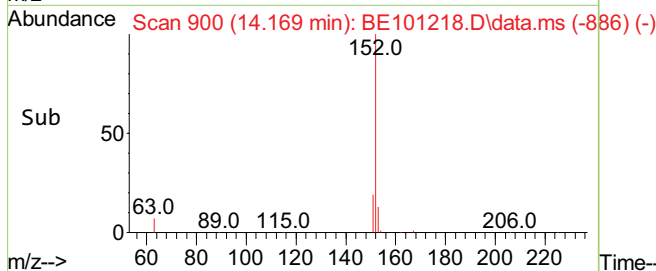
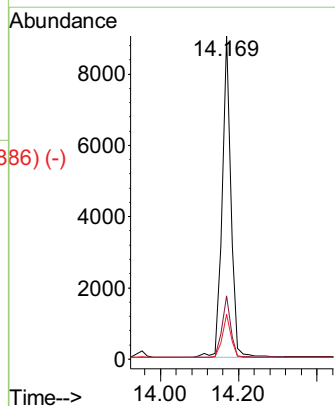
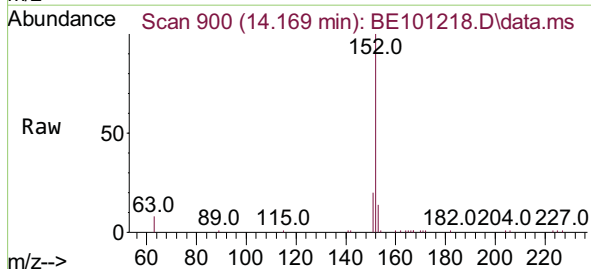
Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

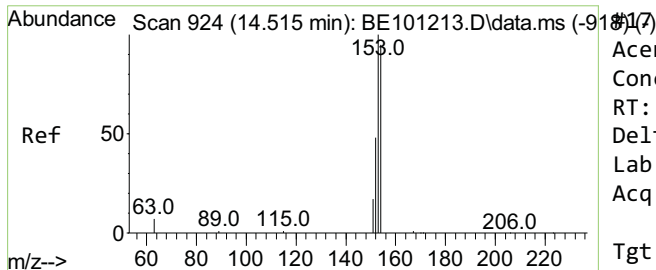
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 13852 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.2  | 28.7  | 43.1  |
| 170      | 24.6  | 19.3  | 28.9  |



Acenaphthylene  
Concen: 0.38 ng  
RT: 14.169 min Scan# 900  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 13943 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.1  | 15.4  | 23.2  |
| 153      | 13.1  | 10.0  | 15.0  |

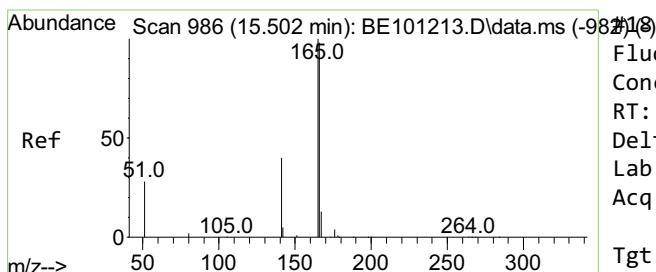
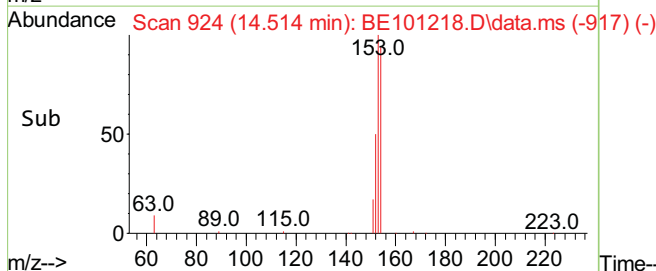
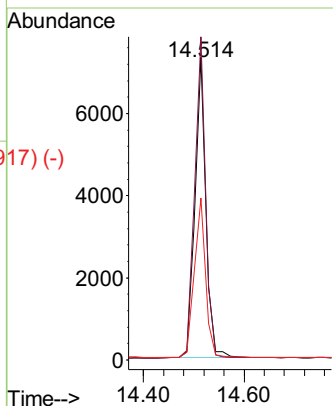
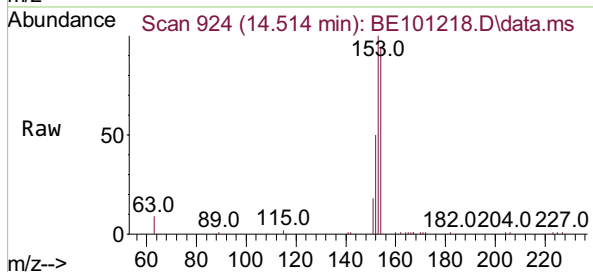




Acenaphthene  
Concen: 0.40 ng  
RT: 14.514 min Scan# 924  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

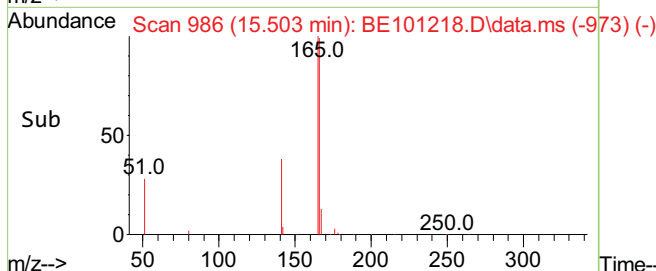
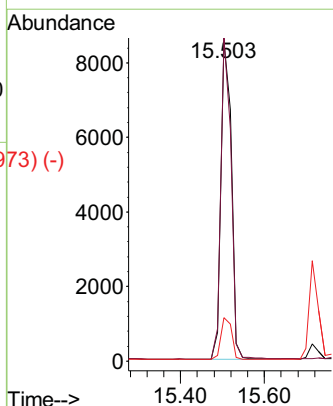
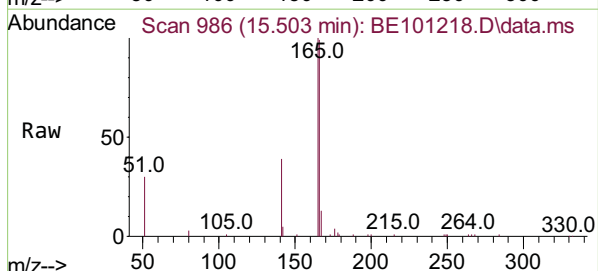
Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

Tgt Ion:154 Resp: 10987  
Ion Ratio Lower Upper  
154 100  
153 107.0 84.9 127.3  
152 54.8 42.7 64.1



Fluorene  
Concen: 0.41 ng  
RT: 15.503 min Scan# 986  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

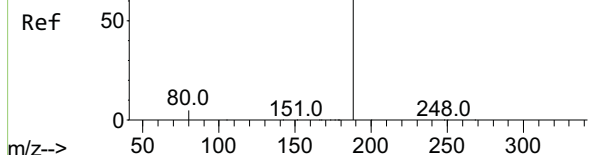
Tgt Ion:166 Resp: 15045  
Ion Ratio Lower Upper  
166 100  
165 97.9 79.0 118.4  
167 13.4 11.0 16.4



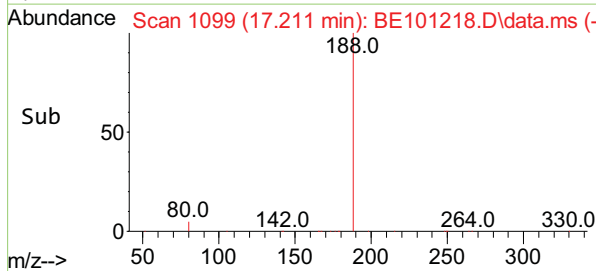
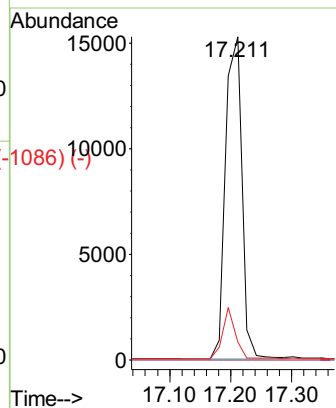
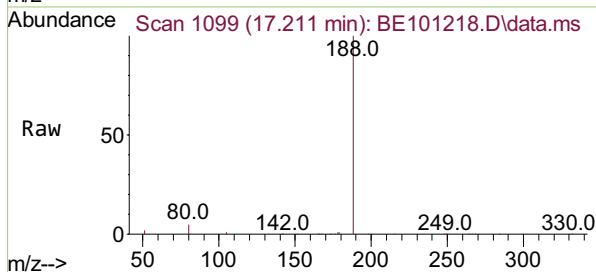
Abundance Scan 1099 (17.211 min): BE101213.D\data.ms (-1086) (-)

Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.211 min Scan# 1099  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

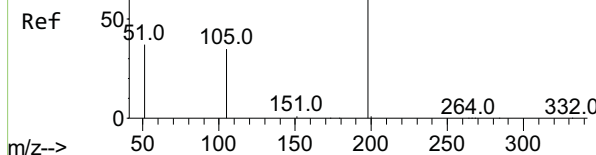


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 28394 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 5.5   | 4.6   | 6.8   |

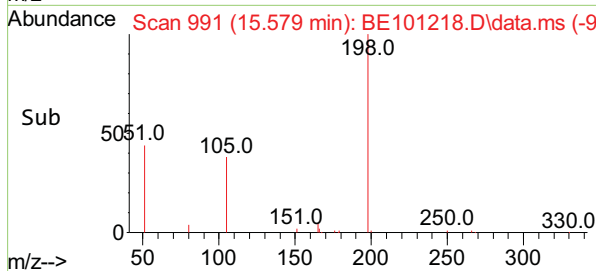
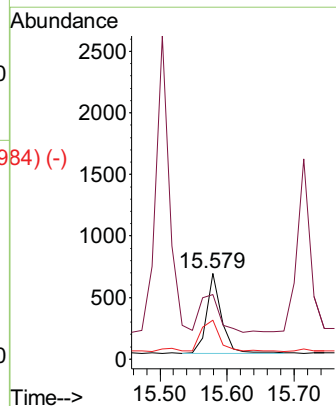
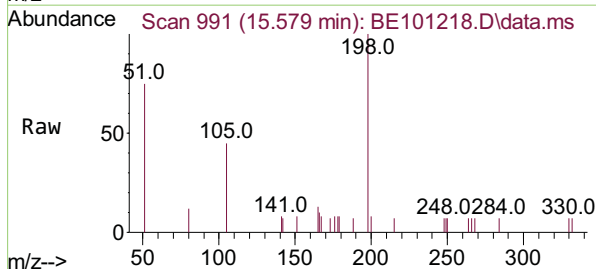


Abundance Scan 991 (15.578 min): BE101213.D\data.ms (-984) (-)

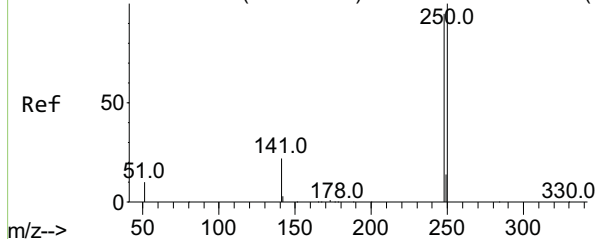
4,6-Dinitro-2-methylphenol  
Concen: 0.38 ng  
RT: 15.579 min Scan# 991  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 998   |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 74.8  | 55.9  | 83.9  |
| 105      | 45.0  | 33.6  | 50.4  |



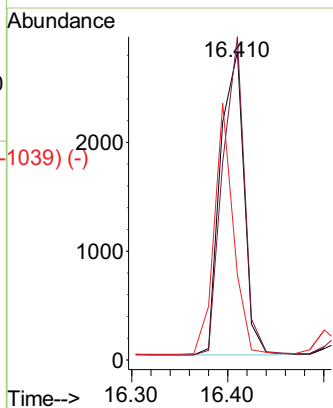
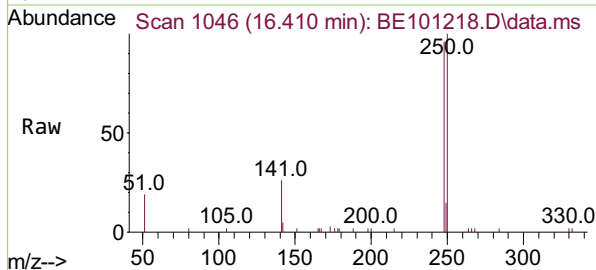
Abundance Scan 1046 (16.409 min): BE101213.D\data.ms (-1042) (-)



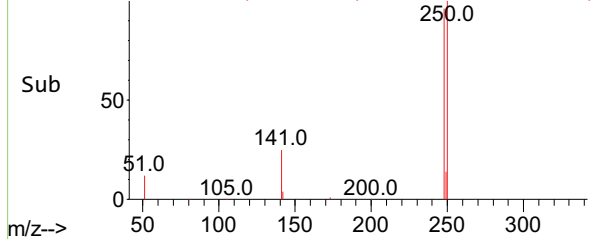
4-Bromophenyl-phenylether  
Concen: 0.34 ng  
RT: 16.410 min Scan# 1046  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

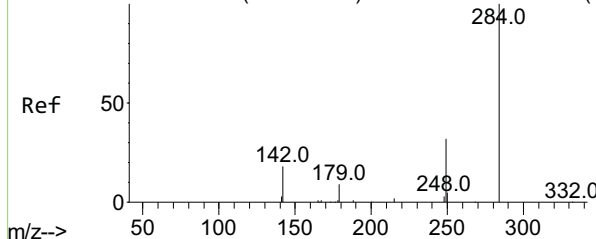
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 4832  |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 104.7 | 84.5  | 126.7 |
| 141      | 27.6  | 19.8  | 29.8  |



Abundance Scan 1046 (16.410 min): BE101218.D\data.ms (-1039) (-)

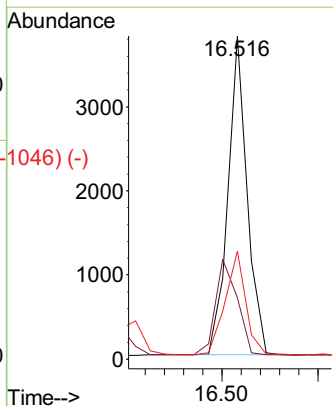
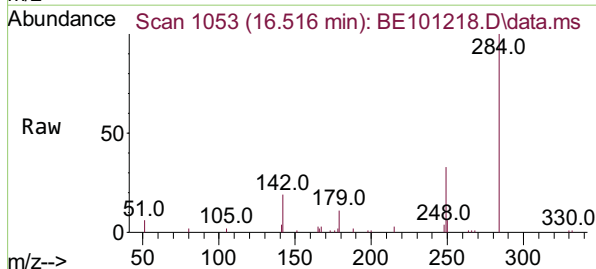


Abundance Scan 1053 (16.515 min): BE101213.D\data.ms (-1049) (-)

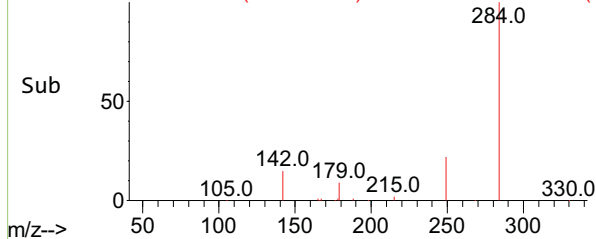


Hexachlorobenzene  
Concen: 0.37 ng  
RT: 16.516 min Scan# 1053  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

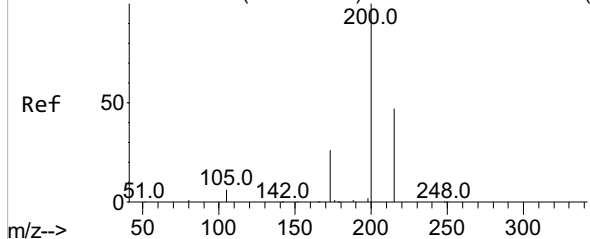
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 5316  |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 33.9  | 27.4  | 41.0  |
| 249      | 34.3  | 26.5  | 39.7  |



Abundance Scan 1053 (16.516 min): BE101218.D\data.ms (-1046) (-)



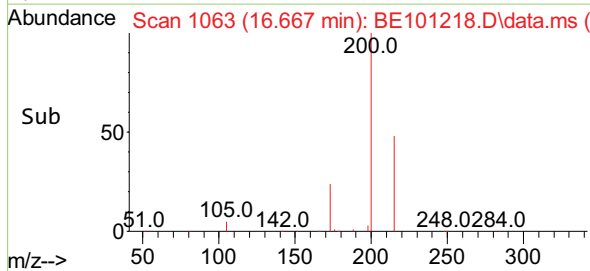
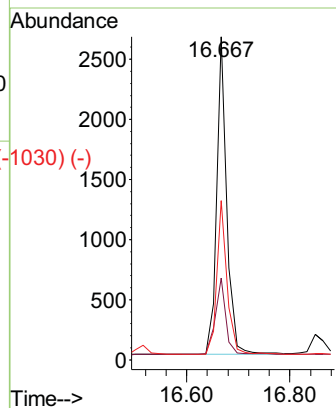
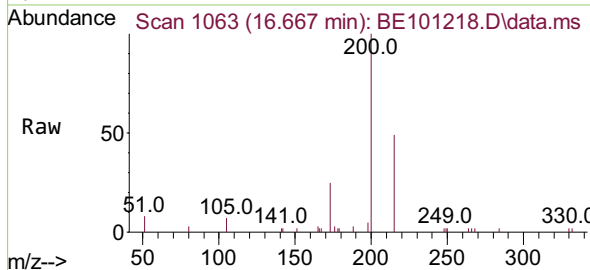
Abundance Scan 1063 (16.666 min): BE101213.D\data.ms (-1029) (-)



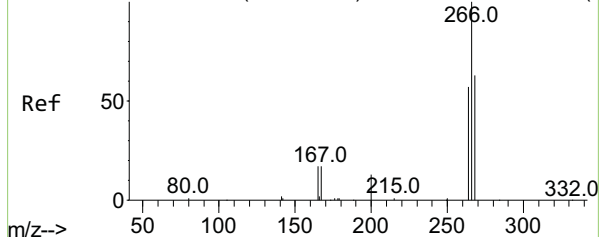
Atrazine  
Concen: 0.37 ng  
RT: 16.667 min Scan# 1063  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 200   | Resp: | 3571  |
| Ion      | Ratio | Lower | Upper |
| 200      | 100   |       |       |
| 173      | 25.4  | 21.9  | 32.9  |
| 215      | 49.2  | 38.6  | 57.8  |

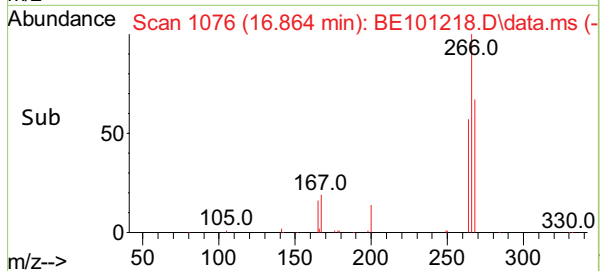
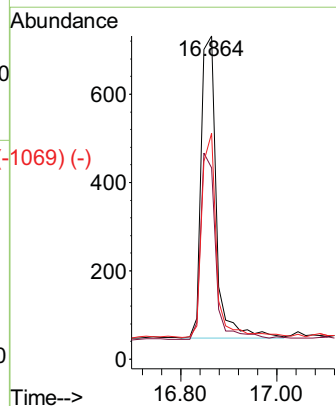
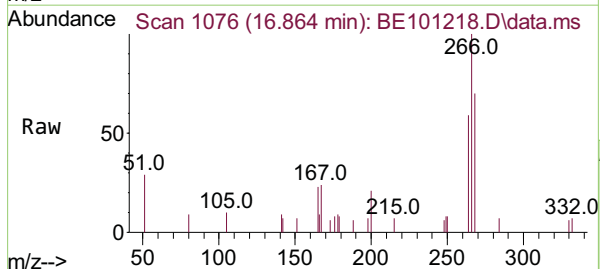


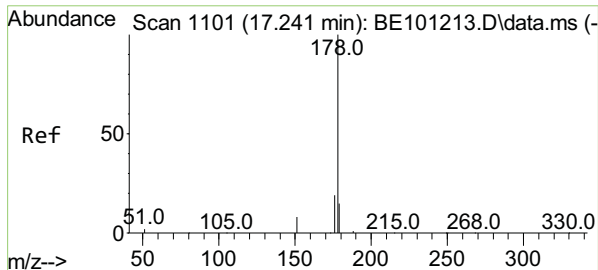
Abundance Scan 1076 (16.863 min): BE101213.D\data.ms (-1024) (-)



Pentachlorophenol  
Concen: 0.29 ng  
RT: 16.864 min Scan# 1076  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 1499  |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 60.2  | 49.1  | 73.7  |
| 268      | 65.5  | 50.6  | 76.0  |

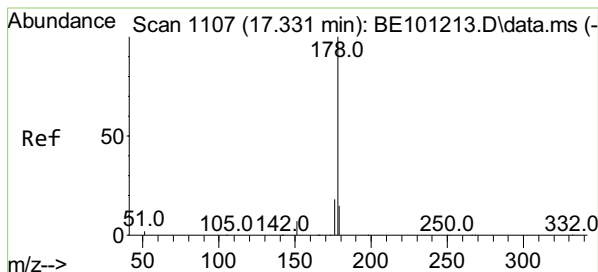
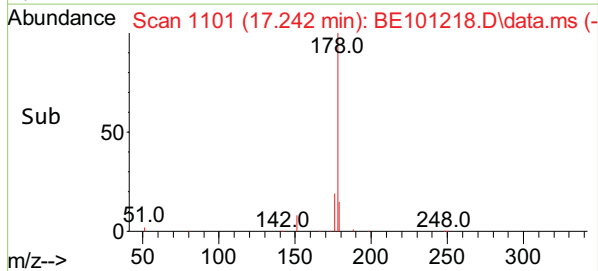
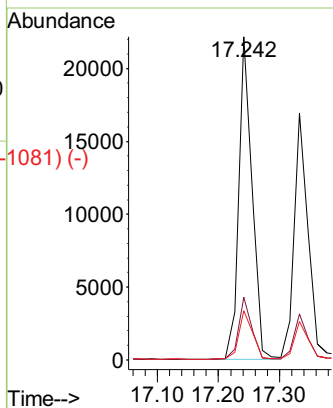
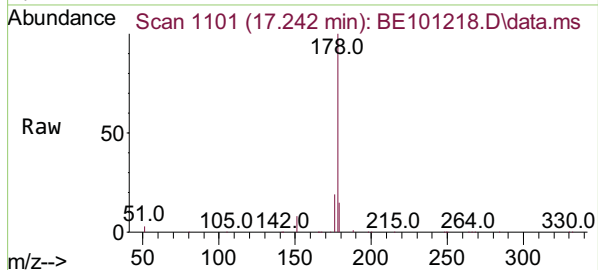




Scan 1101 (17.241 min): BE101213.D\data.ms (-1025) (-)  
 Phenanthrene  
 Concen: 0.39 ng  
 RT: 17.242 min Scan# 1101  
 Delta R.T. 0.001 min  
 Lab File: BE101218.D  
 Acq: 6 Apr 2021 16:20

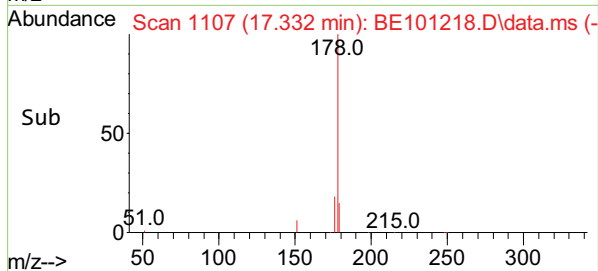
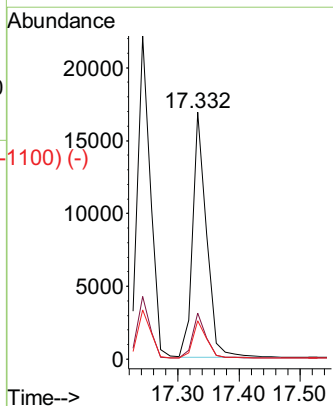
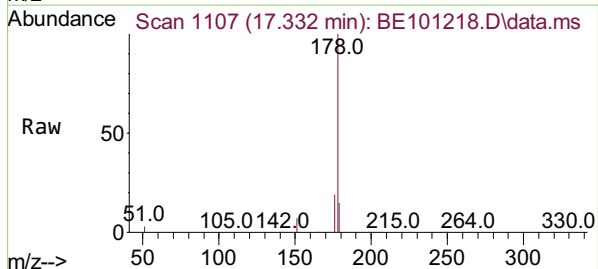
Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE040621

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 33124 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.9  | 15.0  | 22.6  |
| 179      | 15.5  | 12.2  | 18.4  |

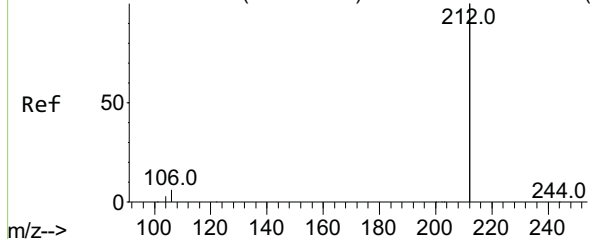


Scan 1107 (17.331 min): BE101213.D\data.ms (-1025) (-)  
 Anthracene  
 Concen: 0.37 ng  
 RT: 17.332 min Scan# 1107  
 Delta R.T. 0.001 min  
 Lab File: BE101218.D  
 Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 26756 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.0  | 14.4  | 21.6  |
| 179      | 15.4  | 11.8  | 17.8  |



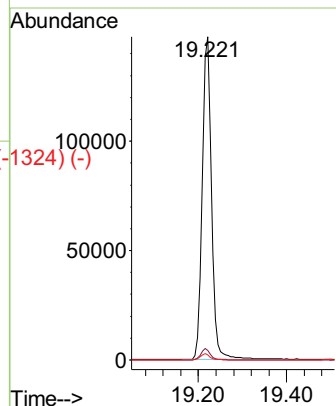
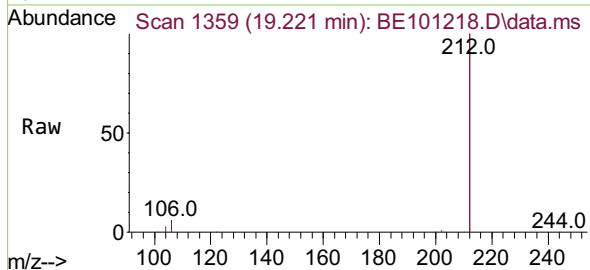
Abundance Scan 1359 (19.220 min): BE101213.D\data.ms (-1327) (-)



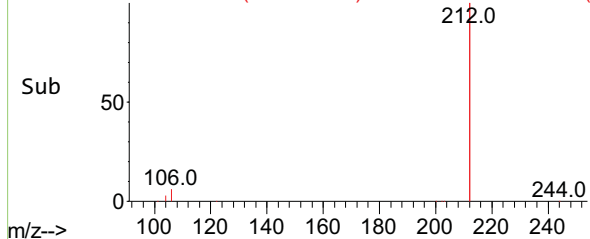
Fluoranthene-d10  
Concen: 0.43 ng  
RT: 19.221 min Scan# 1359  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

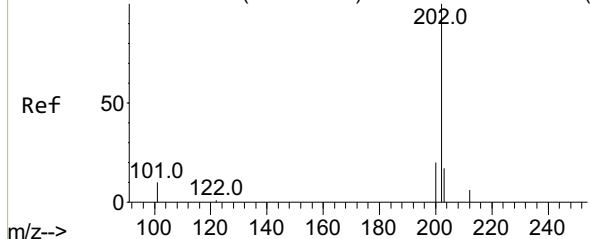
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 212   | Resp: | 214203 |
| Ion      | Ratio | Lower | Upper  |
| 212      | 100   |       |        |
| 106      | 3.3   | 2.6   | 4.0    |
| 104      | 1.8   | 1.4   | 2.2    |



Abundance Scan 1359 (19.221 min): BE101218.D\data.ms (-1324) (-)

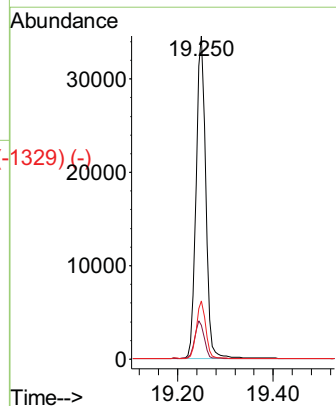
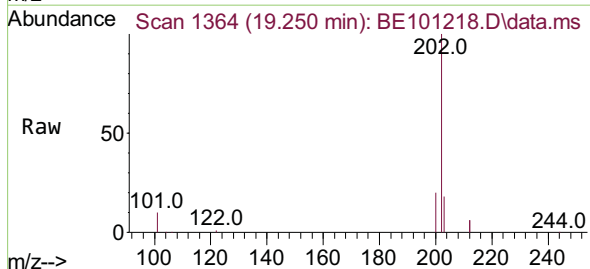


Abundance Scan 1364 (19.249 min): BE101213.D\data.ms (-1328) (-)

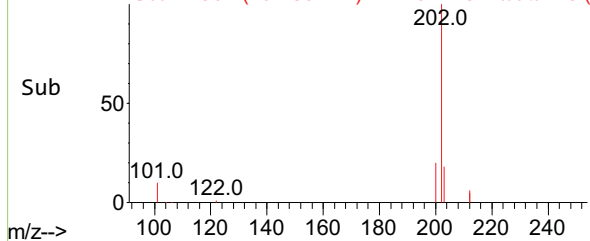


Fluoranthene  
Concen: 0.44 ng  
RT: 19.250 min Scan# 1364  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 47918 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 11.9  | 9.1   | 13.7  |
| 203      | 17.5  | 13.6  | 20.4  |



Abundance Scan 1364 (19.250 min): BE101218.D\data.ms (-1329) (-)

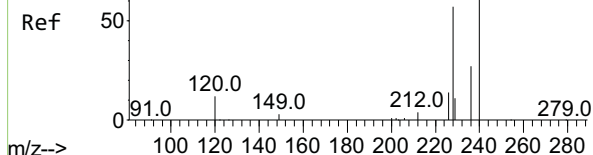




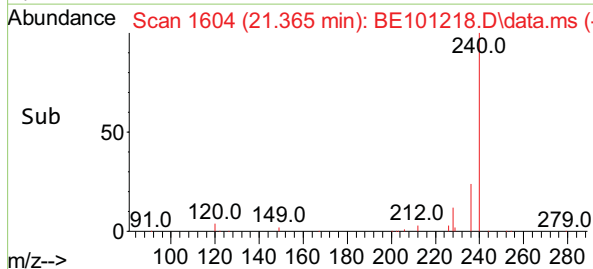
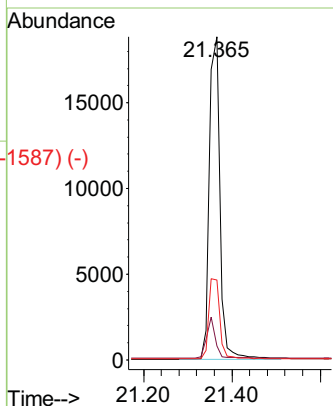
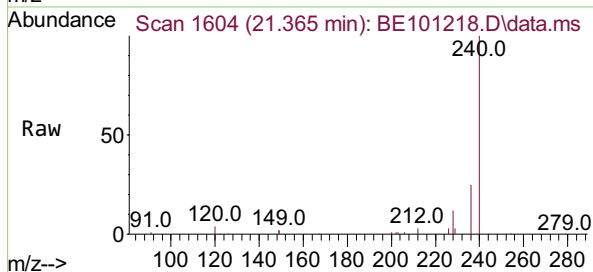
Abundance Scan 1603 (21.354 min): BE101213.D\data.ms (-1529) (-)

Chrysene-d12  
Concen: 0.40 ng  
RT: 21.365 min Scan# 1604  
Delta R.T. 0.011 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

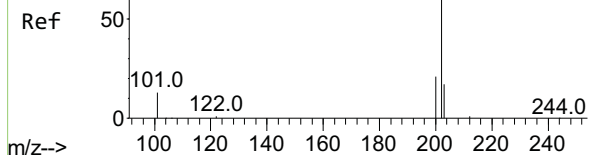


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 31216 |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 4.3   | 10.2  | 15.4# |
| 236      | 24.7  | 21.7  | 32.5  |

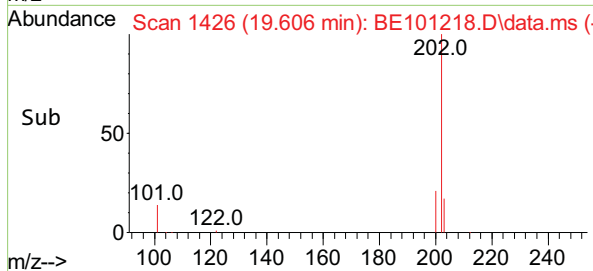
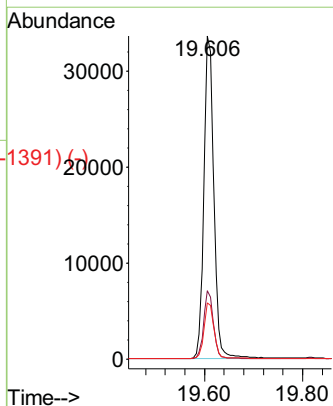
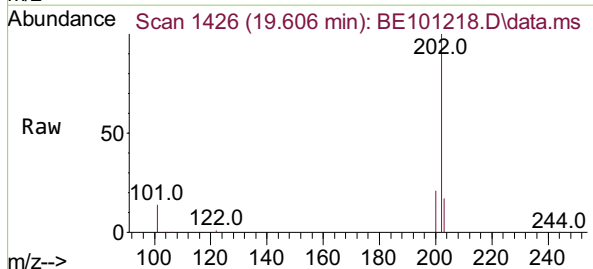


Abundance Scan 1426 (19.605 min): BE101213.D\data.ms (-1439) (-)

Pyrene  
Concen: 0.42 ng  
RT: 19.606 min Scan# 1426  
Delta R.T. 0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 47415 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 20.8  | 16.6  | 24.8  |
| 203      | 17.4  | 13.8  | 20.8  |



Abundance Scan 1463 (19.818 min): BE101213.D\data.ms (-1434) (-)

Terphenyl-d14

Concen: 0.44 ng

RT: 19.819 min Scan# 1463

Delta R.T. 0.001 min

Lab File: BE101218.D

Acq: 6 Apr 2021 16:20

Tgt Ion:244 Resp: 36847

Ion Ratio Lower Upper

244 100

212 28.0 21.9 32.9

122 9.1 7.3 10.9

Abundance Scan 1463 (19.819 min): BE101218.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 1463 (19.819 min): BE101218.D\data.ms (-1437) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 1463 (19.819 min): BE101218.D\data.ms (-1437) (-)

Ref 50

Raw 50

Sub 50

m/z-->

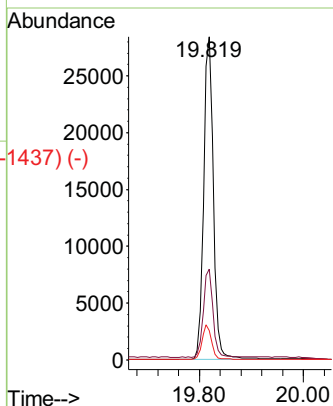
Abundance Scan 1463 (19.819 min): BE101218.D\data.ms (-1437) (-)

Ref 50

Raw 50

Sub 50

m/z-->



Abundance Scan 1602 (21.342 min): BE101213.D\data.ms (-1534) (-)

Benzo(a)anthracene

Concen: 0.37 ng

RT: 21.341 min Scan# 1602

Delta R.T. -0.001 min

Lab File: BE101218.D

Acq: 6 Apr 2021 16:20

Tgt Ion:228 Resp: 32286

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.2

229 19.3 15.7 23.5

Abundance Scan 1602 (21.341 min): BE101218.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 1602 (21.341 min): BE101218.D\data.ms (-1586) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 1602 (21.341 min): BE101218.D\data.ms (-1586) (-)

Ref 50

Raw 50

Sub 50

m/z-->

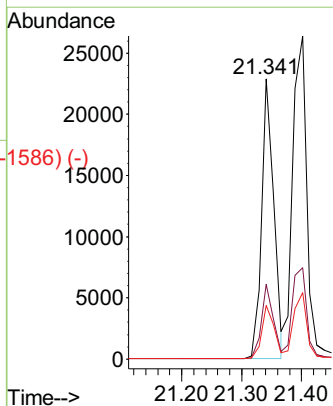
Abundance Scan 1602 (21.341 min): BE101218.D\data.ms (-1586) (-)

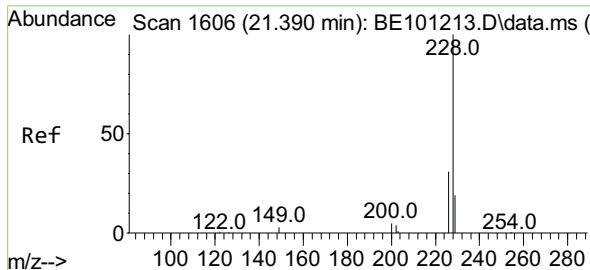
Ref 50

Raw 50

Sub 50

m/z-->

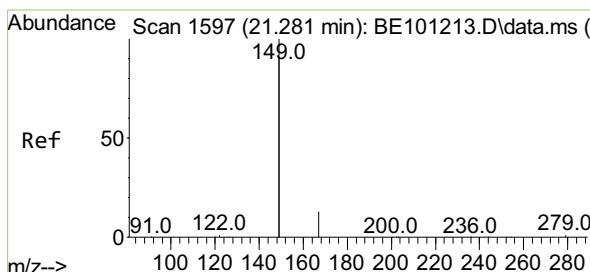
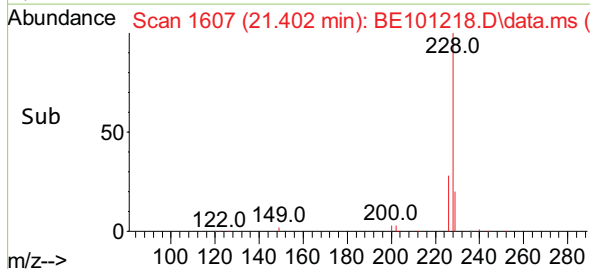
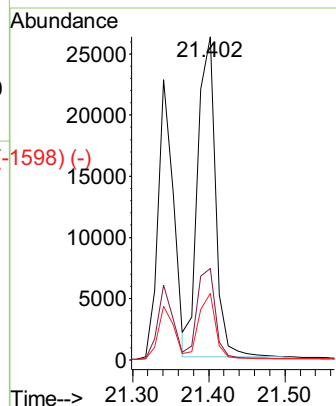
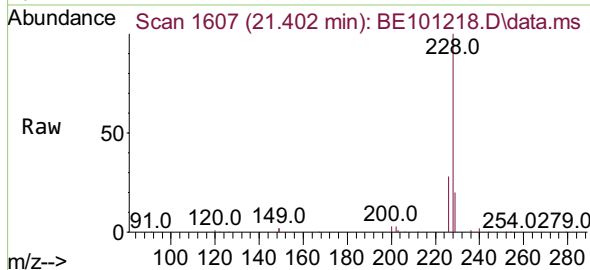




Chrysene  
Concen: 0.40 ng  
RT: 21.402 min Scan# 1607  
Delta R.T. 0.011 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

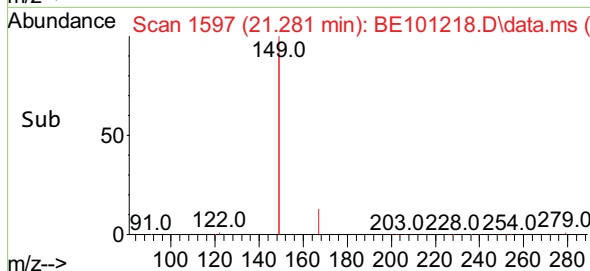
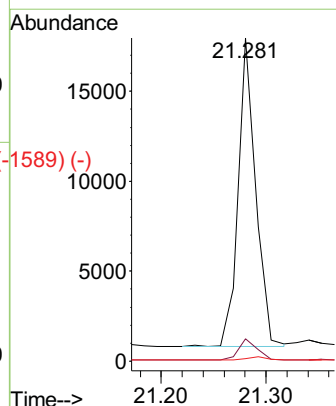
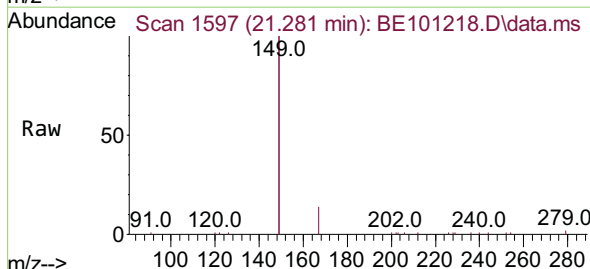
Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 42254 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 28.3  | 24.8  | 37.2  |
| 229      | 20.5  | 15.2  | 22.8  |

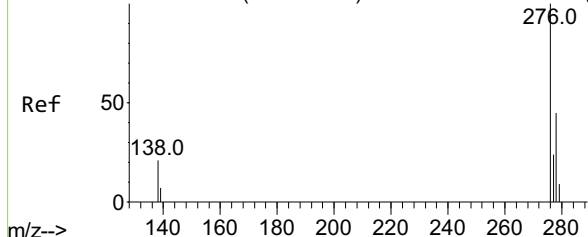


Bis(2-ethylhexyl)phthalate  
Concen: 0.32 ng  
RT: 21.281 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 20134 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 7.1   | 5.5   | 8.3   |
| 279      | 1.3   | 1.0   | 1.4   |



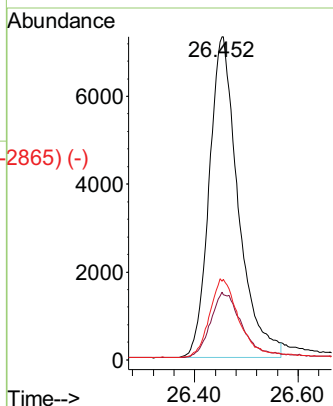
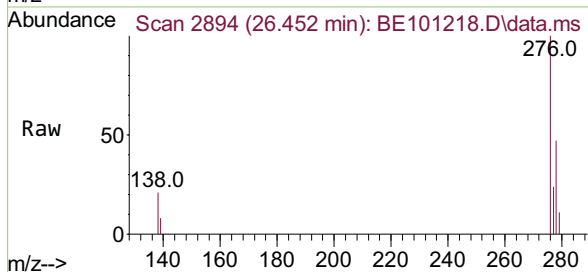
Abundance Scan 2893 (26.448 min): BE101213.D\data.ms (-2865) (-)



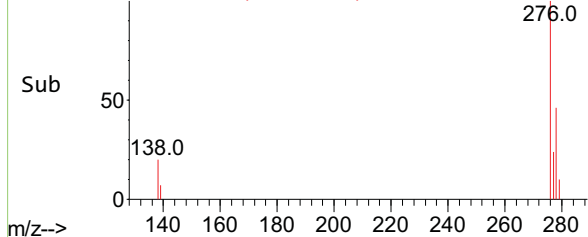
Indeno(1,2,3-cd)pyrene  
Concen: 0.37 ng  
RT: 26.452 min Scan# 2894  
Delta R.T. 0.004 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

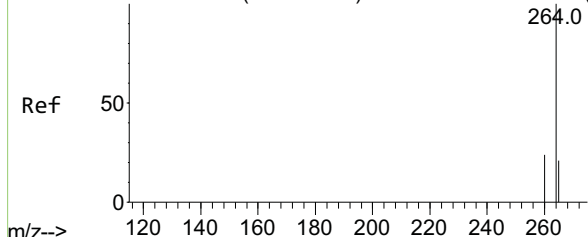
Tgt Ion:276 Resp: 28404  
Ion Ratio Lower Upper  
276 100  
138 21.8 17.4 26.0  
277 24.8 19.8 29.8



Abundance Scan 2894 (26.452 min): BE101218.D\data.ms (-2865) (-)

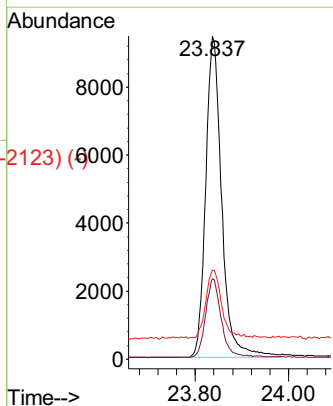
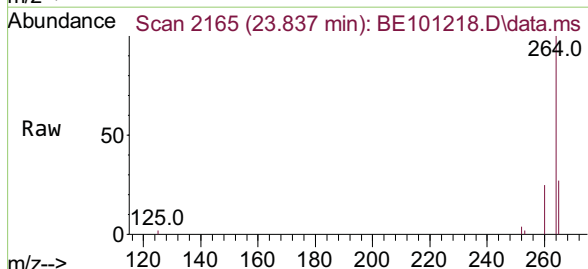


Abundance Scan 2165 (23.838 min): BE101213.D\data.ms (-2123) (-)

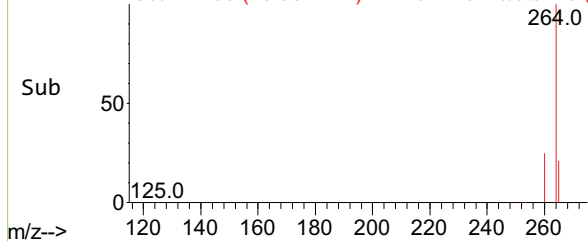


Perylene-d12  
Concen: 0.40 ng  
RT: 23.837 min Scan# 2165  
Delta R.T. -0.001 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

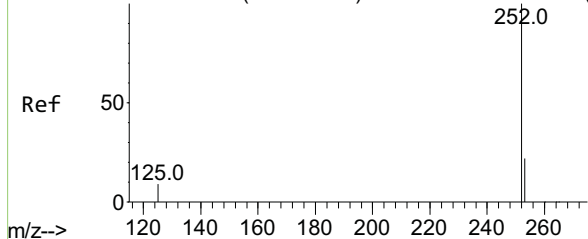
Tgt Ion:264 Resp: 22475  
Ion Ratio Lower Upper  
264 100  
260 24.9 19.3 28.9  
265 27.4 22.4 33.6



Abundance Scan 2165 (23.837 min): BE101218.D\data.ms (-2123) (-)

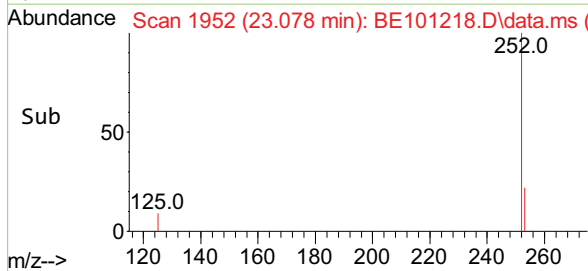
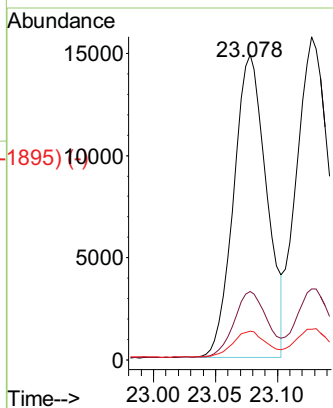
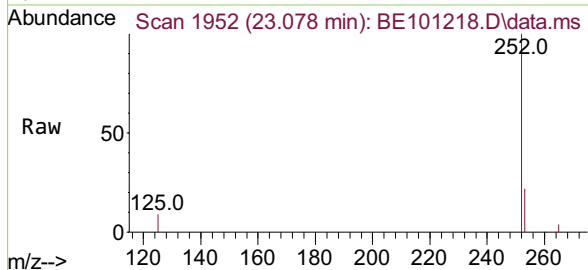


Abundance Scan 1951 (23.075 min): BE101213.D\data.ms (-1937)

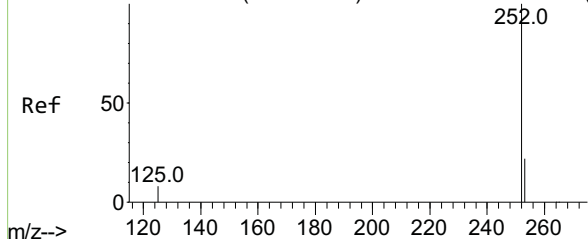


Benzo(b)fluoranthene  
Concen: 0.37 ng  
RT: 23.078 min Scan# 1952  
Delta R.T. 0.002 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 27504 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 22.4  | 18.1  | 27.1  |
| 125      | 9.5   | 7.6   | 11.4  |

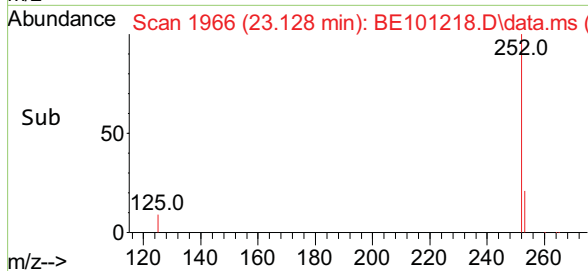
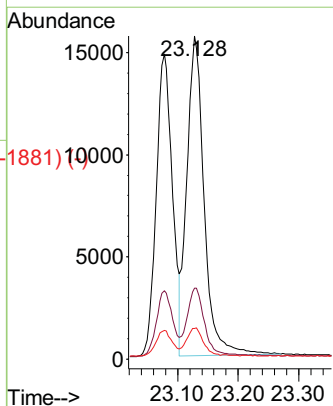
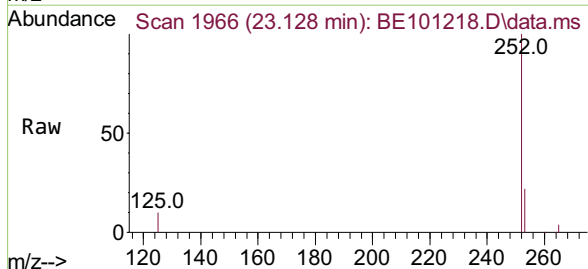


Abundance Scan 1965 (23.125 min): BE101213.D\data.ms (-1938)



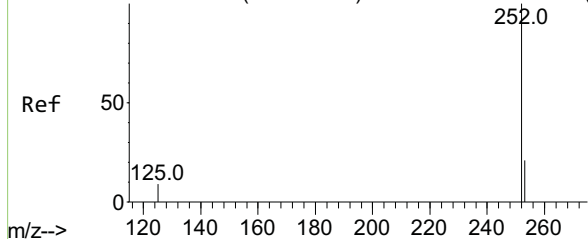
Benzo(k)fluoranthene  
Concen: 0.38 ng  
RT: 23.128 min Scan# 1966  
Delta R.T. 0.002 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 30960 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 21.9  | 17.8  | 26.6  |
| 125      | 9.6   | 7.6   | 11.4  |



Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

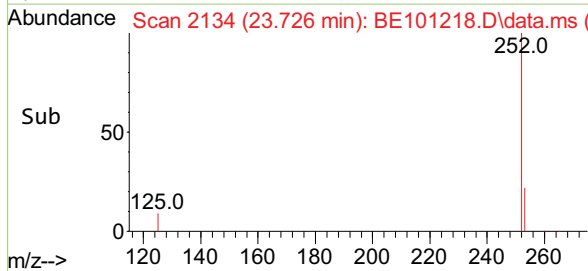
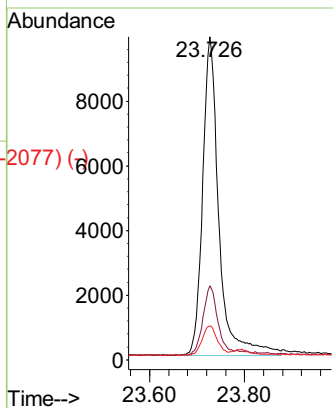
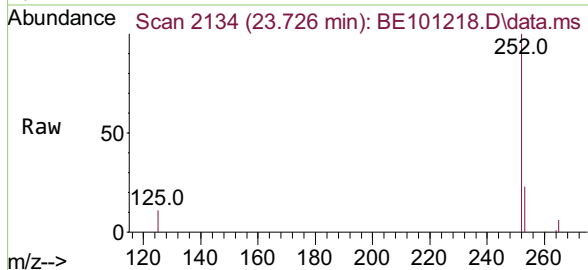
Abundance Scan 2133 (23.724 min): BE101213.D\data.ms (-2#89) (-)



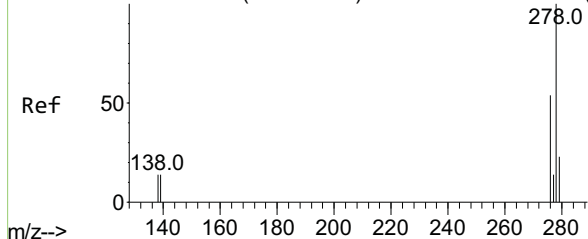
Benzo(a)pyrene  
Concen: 0.38 ng  
RT: 23.726 min Scan# 2134  
Delta R.T. 0.002 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Tgt Ion:252 Resp: 23429  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.0 27.0  
125 10.6 8.0 12.0

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

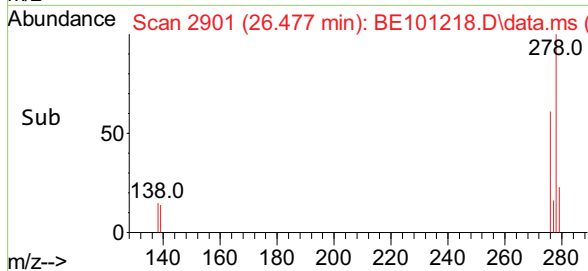
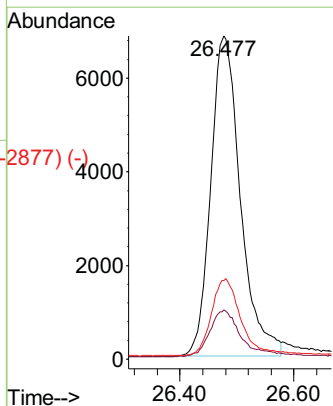
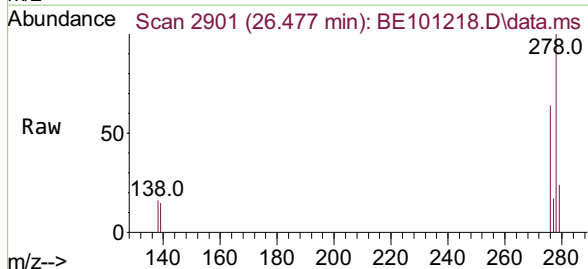


Abundance Scan 2900 (26.473 min): BE101213.D\data.ms (-2#90) (-)

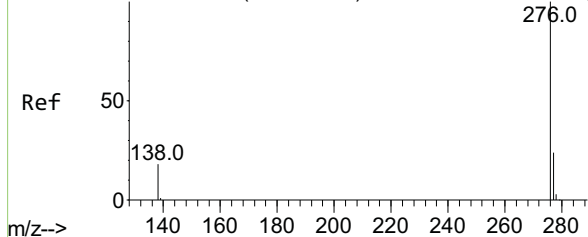


Dibenzo(a,h)anthracene  
Concen: 0.40 ng  
RT: 26.477 min Scan# 2901  
Delta R.T. 0.004 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Tgt Ion:278 Resp: 24616  
Ion Ratio Lower Upper  
278 100  
139 15.1 12.2 18.2  
279 24.3 19.3 28.9



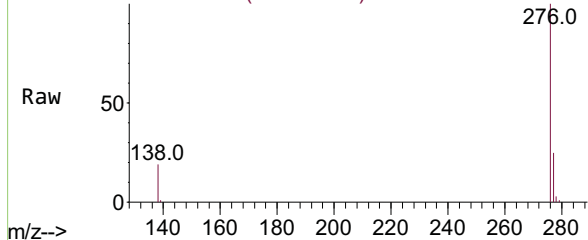
Abundance Scan 3117 (27.247 min): BE101213.D\data.ms (-3091) (-)



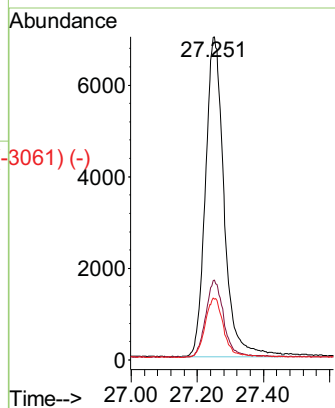
Benzo(g,h,i)perylene  
Concen: 0.41 ng  
RT: 27.251 min Scan# 3118  
Delta R.T. 0.004 min  
Lab File: BE101218.D  
Acq: 6 Apr 2021 16:20

Instrument :  
BNA\_E  
ClientSampleId :  
ICVBE040621

Abundance Scan 3118 (27.251 min): BE101218.D\data.ms



Tgt Ion:276 Resp: 27314  
Ion Ratio Lower Upper  
276 100  
277 24.7 19.4 29.0  
138 18.8 15.2 22.8



Abundance Scan 3118 (27.251 min): BE101218.D\data.ms (-3061) (-)

