

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040121\  
 Data File : BE101175.D  
 Acq On : 1 Apr 2021 13:39  
 Operator : CG/JU  
 Sample : PB135471BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

Quant Time: Apr 01 14:22:47 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE032421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 01 12:49:55 2021  
 Response via : Initial Calibration

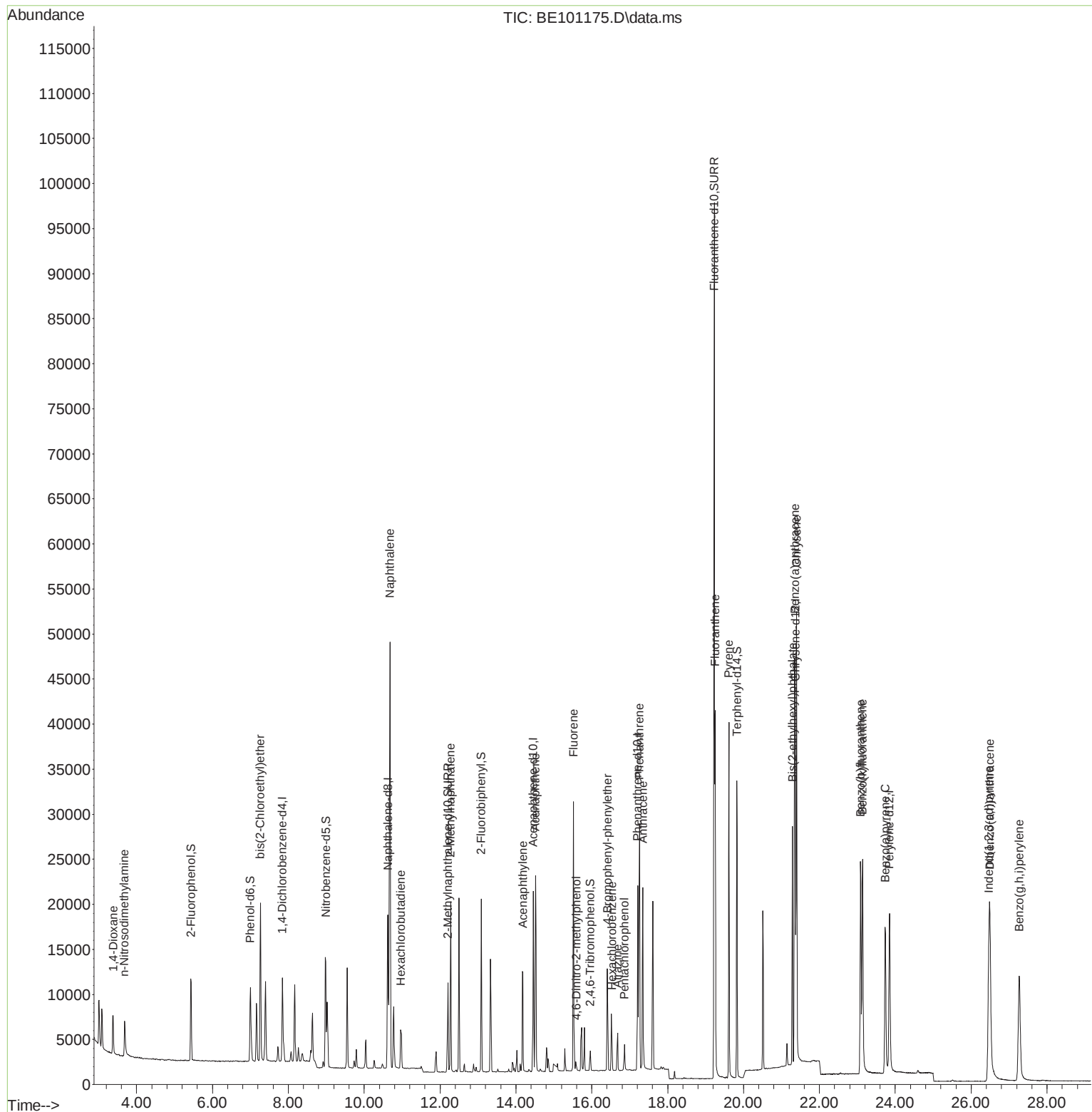
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.842  | 152  | 4205     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.627 | 136  | 17730    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.457 | 164  | 11134    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.211 | 188  | 25969    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.366 | 240  | 30089    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.848 | 264  | 27815    | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 4830     | 0.49 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.001  | 99   | 7309     | 0.47 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.990  | 82   | 5055     | 0.48 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.209 | 152  | 12064    | 0.42 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.956 | 330  | 1212     | 0.61 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.088 | 172  | 16629    | 0.40 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.227 | 212  | 131709   | 0.40 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.824 | 244  | 29001    | 0.42 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.385  | 88   | 3020     | 0.44 | ng    | 94       |
| 3) n-Nitrosodimethylamine     | 3.684  | 42   | 3051     | 0.43 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.266  | 93   | 5502     | 0.43 | ng    | 99       |
| 9) Naphthalene                | 10.679 | 128  | 76259    | 0.42 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.964 | 225  | 3281     | 0.40 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.281 | 142  | 12763    | 0.41 | ng    | 98       |
| 16) Acenaphthylene            | 14.183 | 152  | 15674    | 0.37 | ng    | 100      |
| 17) Acenaphthene              | 14.514 | 154  | 12418    | 0.40 | ng    | 96       |
| 18) Fluorene                  | 15.518 | 166  | 15681    | 0.39 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.593 | 198  | 815      | 0.62 | ng    | 86       |
| 21) 4-Bromophenyl-phenylether | 16.410 | 248  | 5113     | 0.44 | ng    | # 84     |
| 22) Hexachlorobenzene         | 16.531 | 284  | 5187     | 0.41 | ng    | 99       |
| 23) Atrazine                  | 16.682 | 200  | 3773     | 0.52 | ng    | # 91     |
| 24) Pentachlorophenol         | 16.863 | 266  | 1664     | 0.49 | ng    | 97       |
| 25) Phenanthrene              | 17.257 | 178  | 30093    | 0.42 | ng    | 100      |
| 26) Anthracene                | 17.347 | 178  | 23939    | 0.39 | ng    | 100      |
| 28) Fluoranthene              | 19.255 | 202  | 36206    | 0.39 | ng    | 99       |
| 30) Pyrene                    | 19.617 | 202  | 36791    | 0.41 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.354 | 228  | 34441    | 0.45 | ng    | 97       |
| 33) Chrysene                  | 21.403 | 228  | 40593    | 0.44 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.294 | 149  | 28809    | 0.57 | ng    | 99       |
| 35) Indeno(1,2,3-cd)pyrene    | 26.466 | 276  | 32987    | 0.54 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.085 | 252  | 33053    | 0.45 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.138 | 252  | 37978    | 0.41 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.734 | 252  | 29649    | 0.43 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 26.495 | 278  | 27997    | 0.50 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.269 | 276  | 31597    | 0.45 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

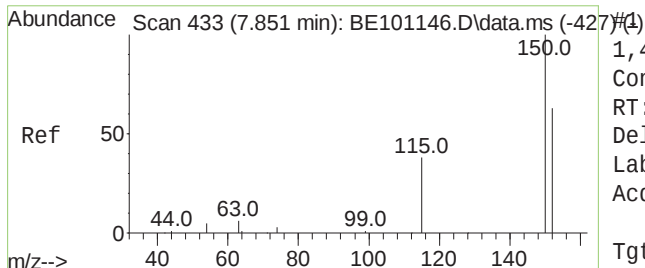
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE040121\  
 Data File : BE101175.D  
 Acq On : 1 Apr 2021 13:39  
 Operator : CG/JU  
 Sample : PB135471BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

Quant Time: Apr 01 14:22:47 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE032421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 01 12:49:55 2021  
 Response via : Initial Calibration

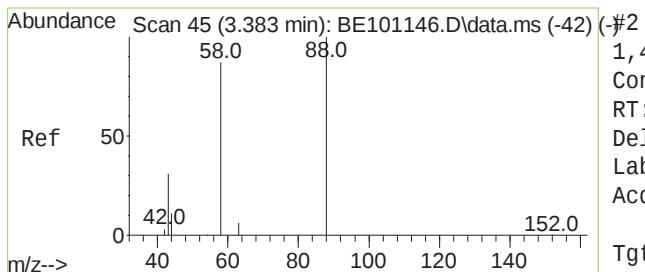
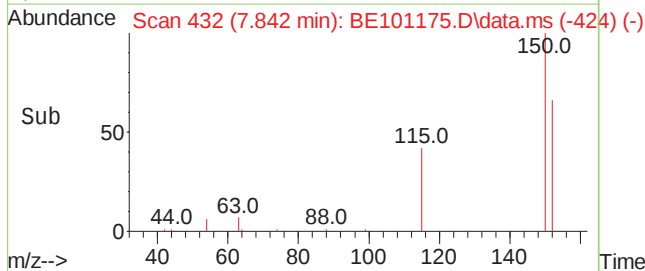
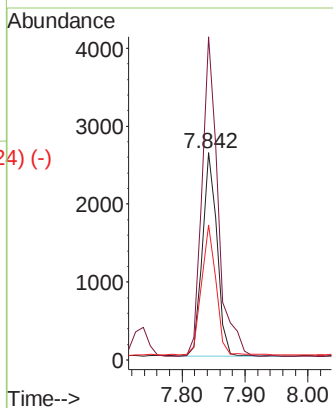
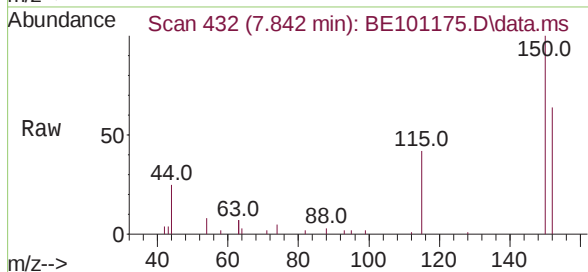




1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.842 min Scan# 432  
 Delta R.T. -0.008 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

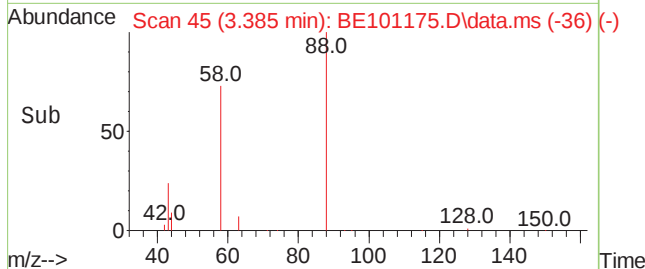
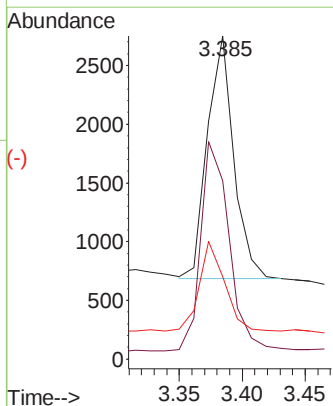
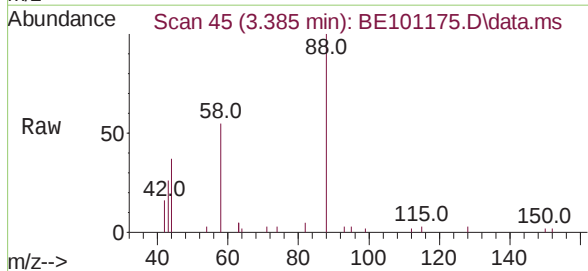
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

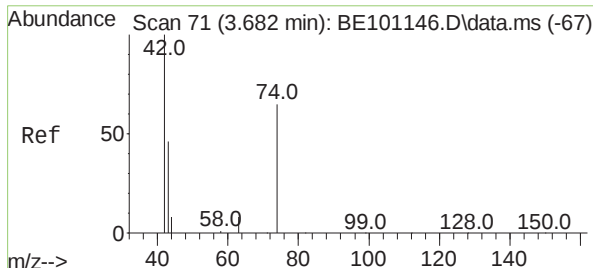
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 4205  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 155.6 | 126.3 | 189.5 |
| 115      | 65.1  | 48.9  | 73.3  |



1,4-Dioxane  
 Concen: 0.44 ng  
 RT: 3.385 min Scan# 45  
 Delta R.T. 0.003 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 3020  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 58       | 92.7  | 68.5  | 102.7 |
| 43       | 35.9  | 27.2  | 40.8  |



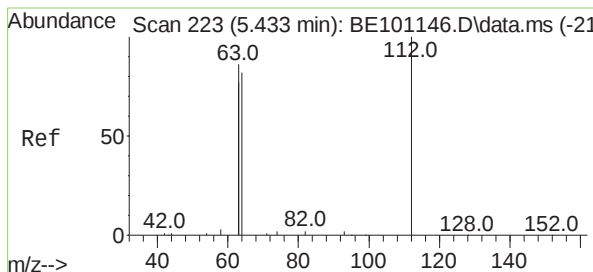
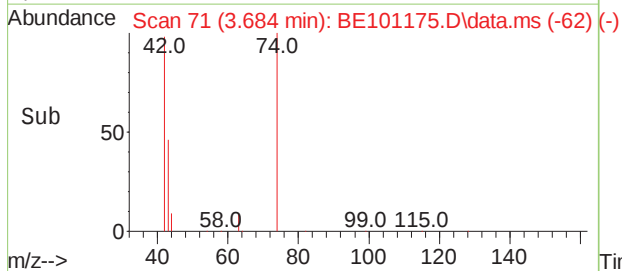
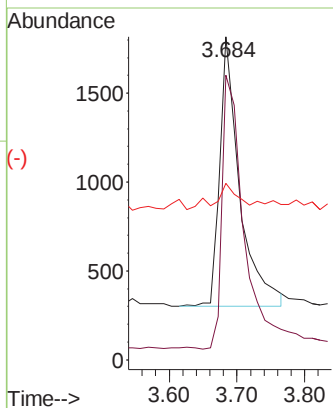
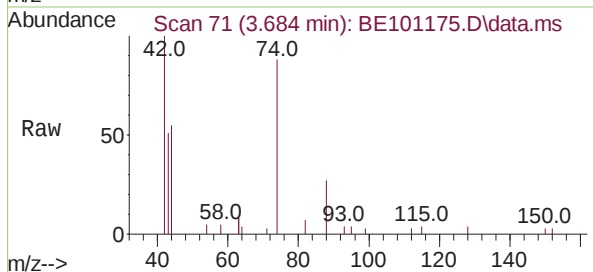


n-Nitrosodimethylamine  
 Concen: 0.43 ng  
 RT: 3.684 min Scan# 71  
 Delta R.T. 0.003 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

Tgt Ion: 42 Resp: 3051

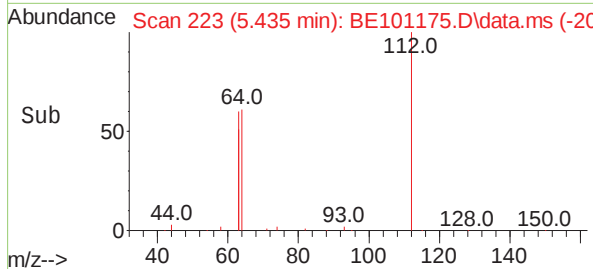
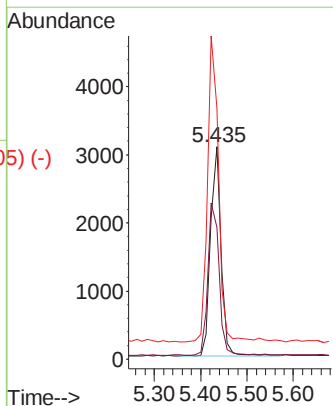
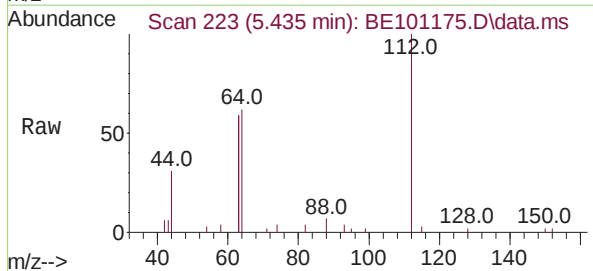
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 110.9 | 87.0  | 130.6 |
| 44  | 10.9  | 8.3   | 12.5  |

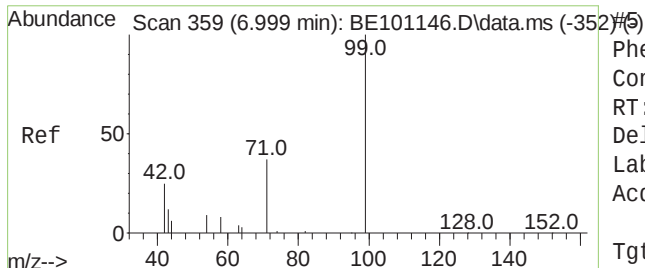


2-Fluorophenol  
 Concen: 0.49 ng  
 RT: 5.435 min Scan# 223  
 Delta R.T. 0.003 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

Tgt Ion: 112 Resp: 4830

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 77.1  | 60.8  | 91.2  |
| 63  | 153.0 | 119.4 | 179.0 |

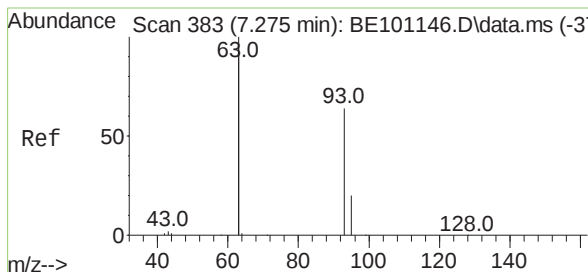
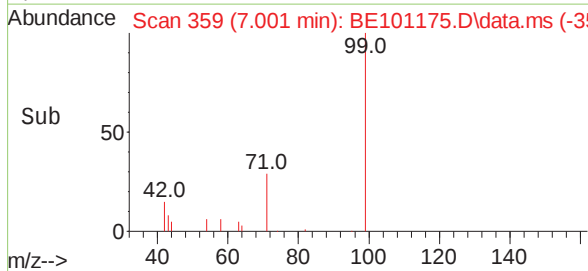
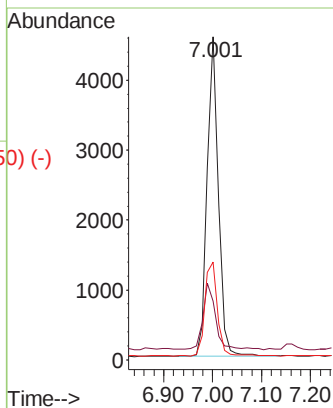
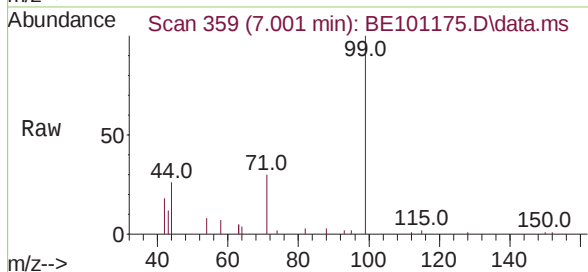




Phenol-d6  
 Concen: 0.47 ng  
 RT: 7.001 min Scan# 359  
 Delta R.T. 0.003 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

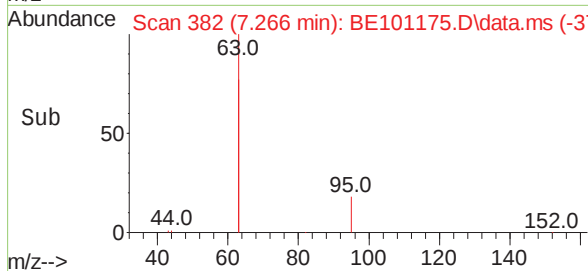
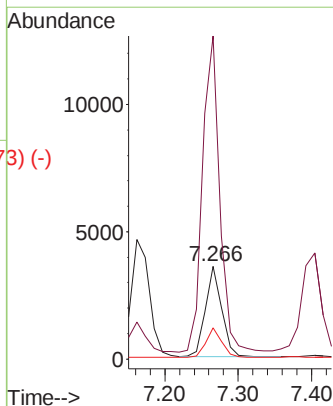
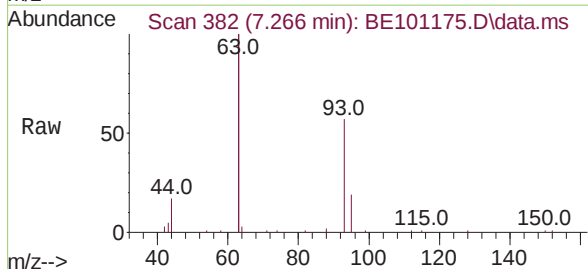
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 7309  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 24.0  | 18.8  | 28.2  |
| 71       | 33.1  | 26.3  | 39.5  |

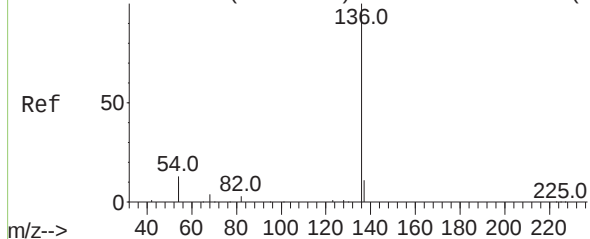


bis(2-Chloroethyl)ether  
 Concen: 0.43 ng  
 RT: 7.266 min Scan# 382  
 Delta R.T. 0.003 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 5502  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 369.0 | 292.5 | 438.7 |
| 95       | 32.4  | 25.8  | 38.6  |



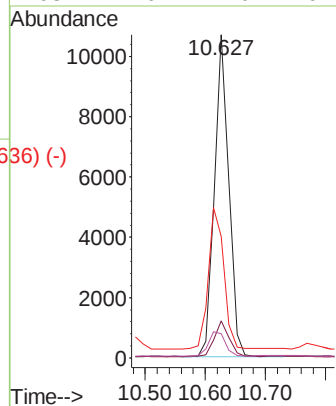
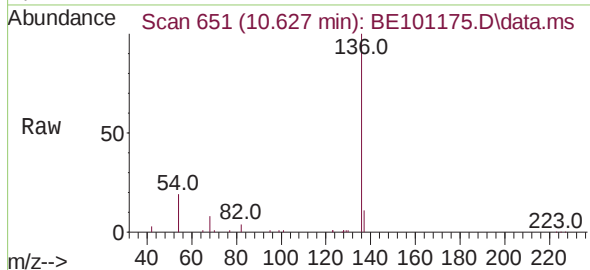
Abundance Scan 652 (10.640 min): BE101146.D\data.ms (-6447-)



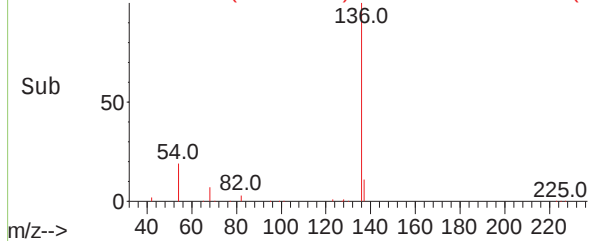
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.627 min Scan# 651  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

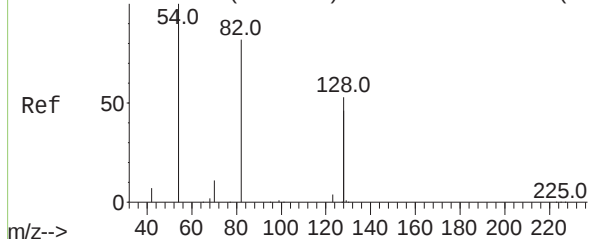
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 17730 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 8.9   | 13.3  |
| 54        | 37.7  | 20.2  | 30.4# |
| 68        | 7.6   | 4.0   | 6.0#  |



Abundance Scan 651 (10.627 min): BE101175.D\data.ms (-636) (-)

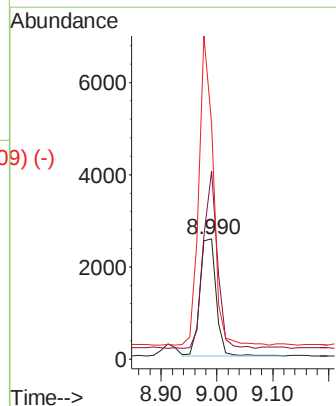
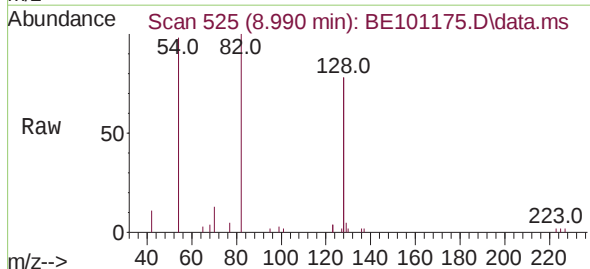


Abundance Scan 525 (8.991 min): BE101146.D\data.ms (-52278)

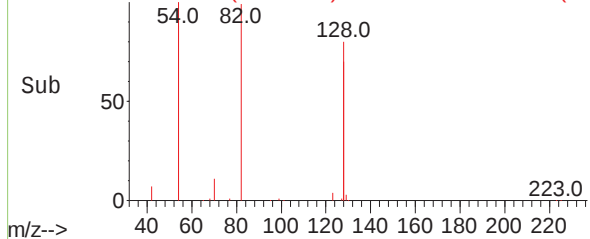


Nitrobenzene-d5  
Concen: 0.48 ng  
RT: 8.990 min Scan# 525  
Delta R.T. 0.012 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

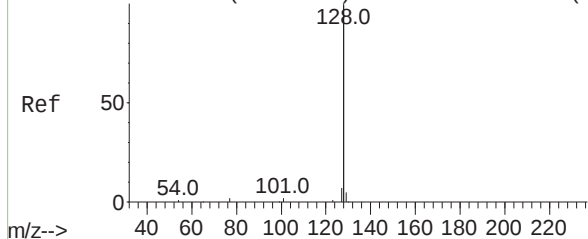
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 5055   |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 156.5 | 101.5 | 152.3# |
| 54        | 196.1 | 189.8 | 284.6  |



Abundance Scan 525 (8.990 min): BE101175.D\data.ms (-509) (-)



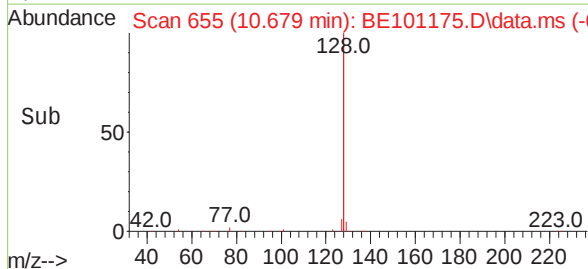
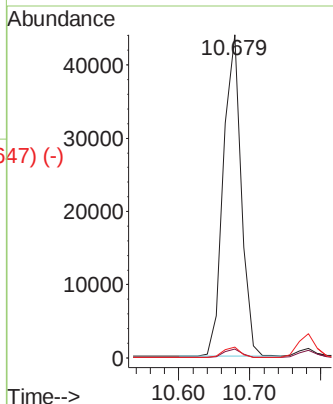
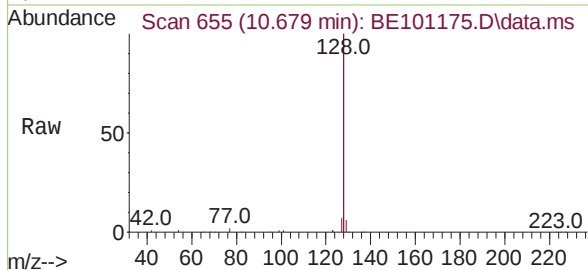
Abundance Scan 655 (10.679 min): BE101146.D\data.ms (-6509-)



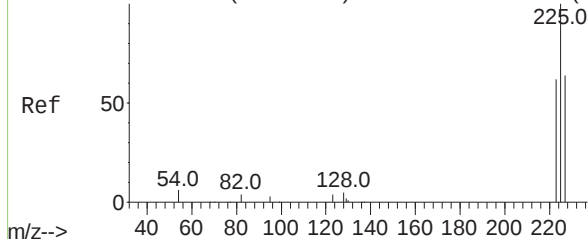
Naphthalene  
Concen: 0.42 ng  
RT: 10.679 min Scan# 655  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

Instrument :  
BNA\_E  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 76259 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 2.8   | 2.2   | 3.2   |
| 127      | 3.3   | 2.7   | 4.1   |

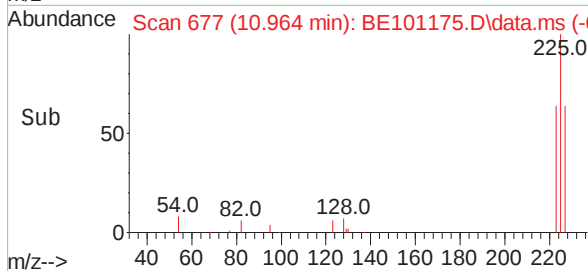
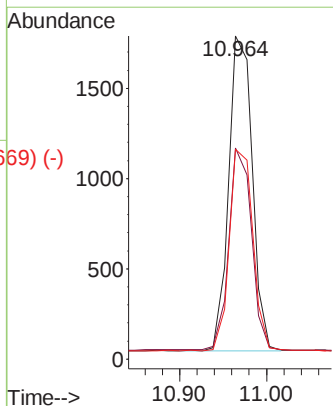
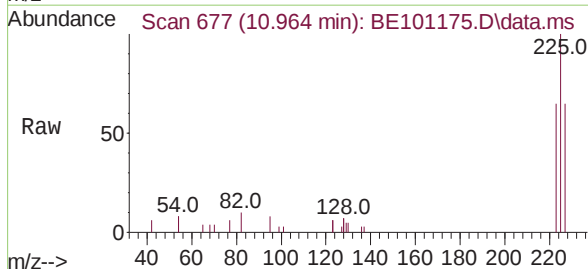


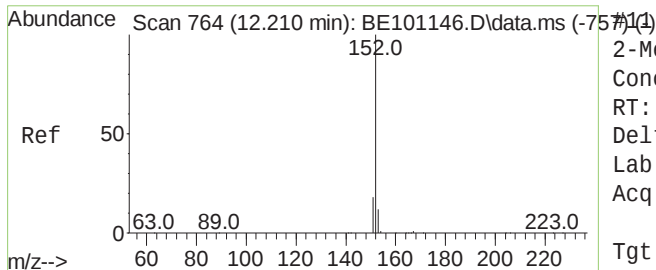
Abundance Scan 678 (10.978 min): BE101146.D\data.ms (-67310)



Hexachlorobutadiene  
Concen: 0.40 ng  
RT: 10.964 min Scan# 677  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 3281  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.3  | 50.1  | 75.1  |
| 227      | 63.8  | 51.7  | 77.5  |

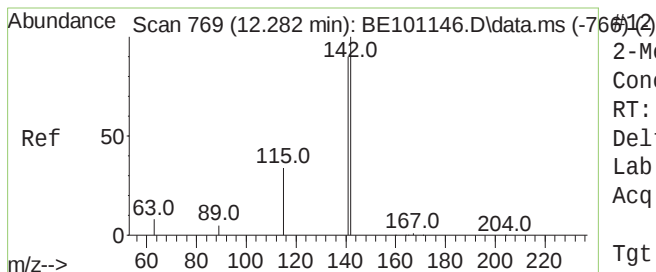
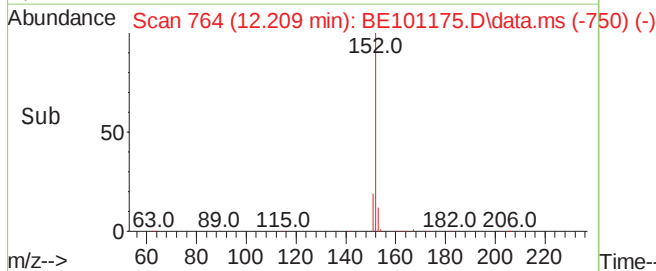
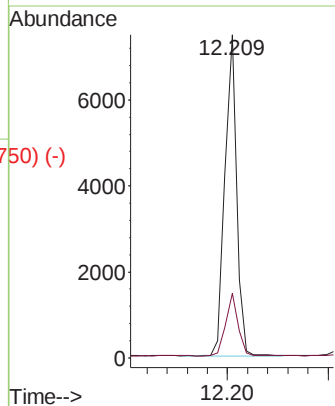
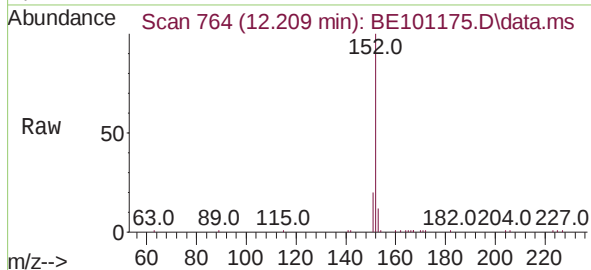




2-Methylnaphthalene-d10  
Concen: 0.42 ng  
RT: 12.209 min Scan# 764  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

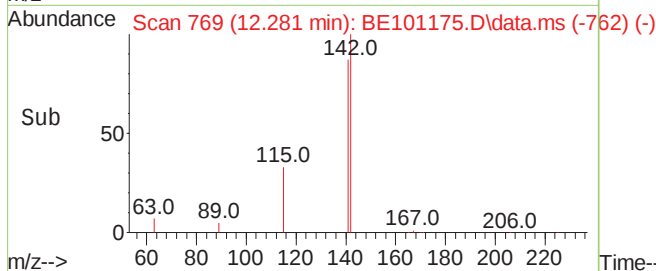
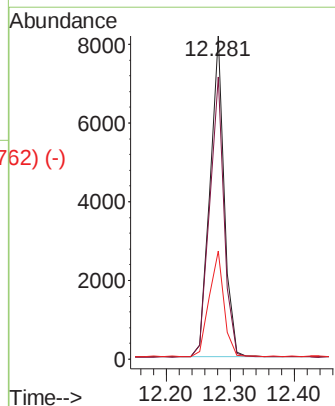
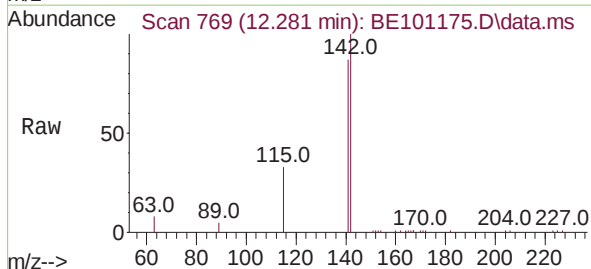
Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

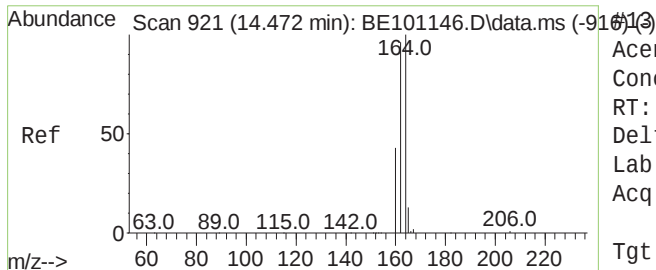
Tgt Ion:152 Resp: 12064  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.6 24.8



2-Methylnaphthalene  
Concen: 0.41 ng  
RT: 12.281 min Scan# 769  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

Tgt Ion:142 Resp: 12763  
Ion Ratio Lower Upper  
142 100  
141 87.3 71.8 107.6  
115 33.4 27.8 41.6

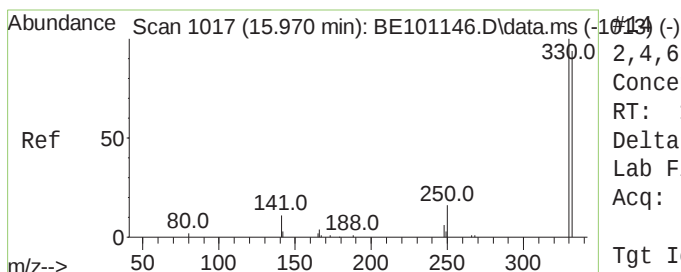
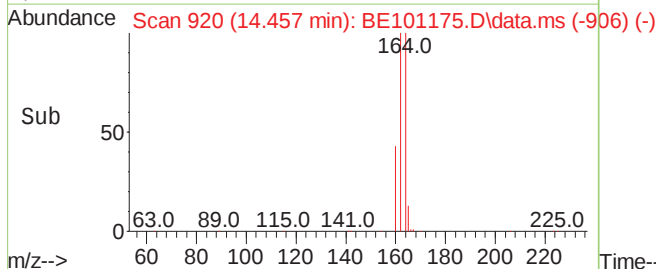
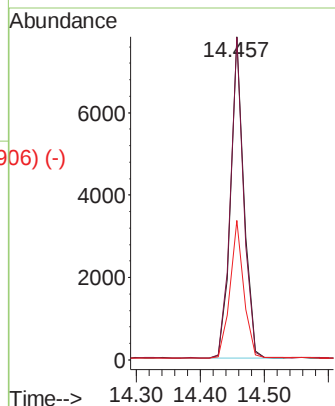
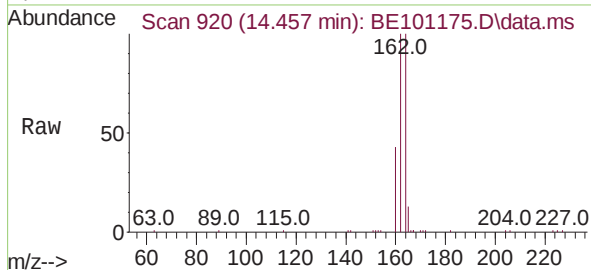




Acenaphthene-d10  
 Concen: 0.40 ng  
 RT: 14.457 min Scan# 920  
 Delta R.T. -0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

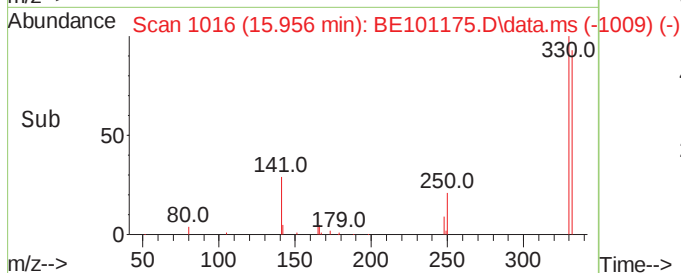
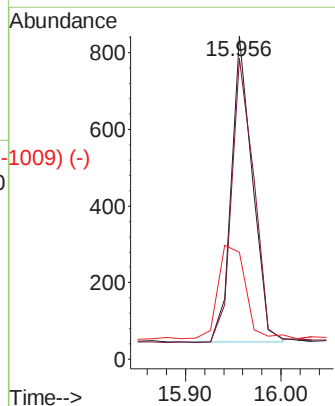
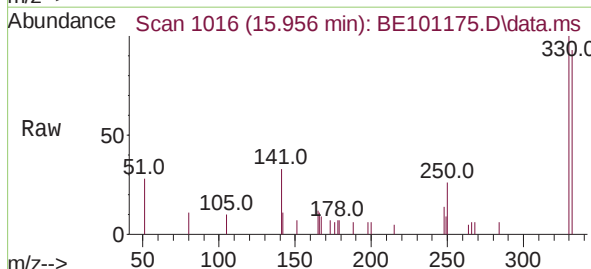
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

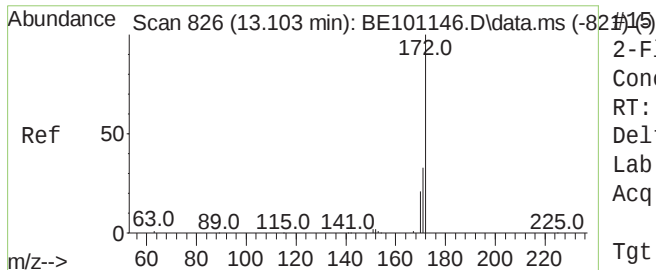
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 11134 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 99.8  | 76.6  | 115.0 |
| 160      | 43.2  | 34.5  | 51.7  |



2,4,6-Tribromophenol  
 Concen: 0.61 ng  
 RT: 15.956 min Scan# 1016  
 Delta R.T. -0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 1212  |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 98.3  | 69.1  | 103.7 |
| 141      | 39.5  | 30.6  | 45.8  |

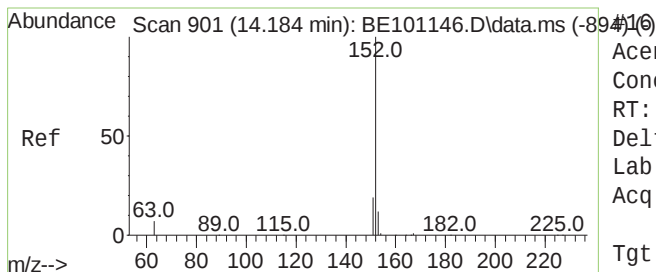
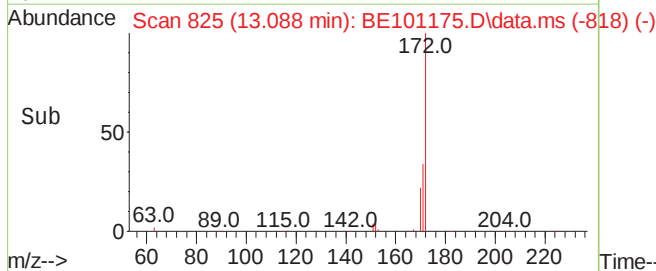
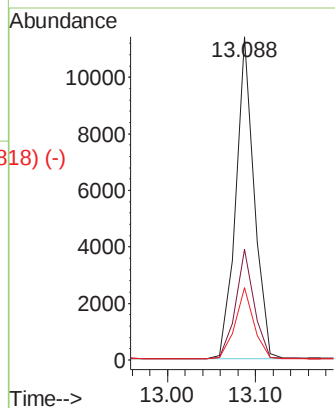
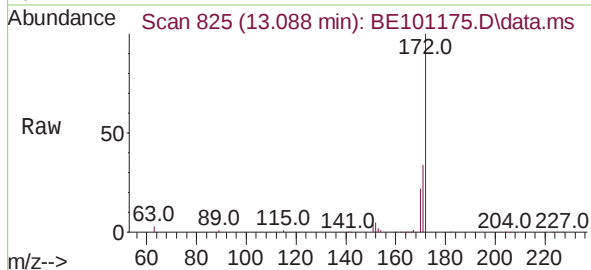




2-Fluorobiphenyl  
Concen: 0.40 ng  
RT: 13.088 min Scan# 825  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

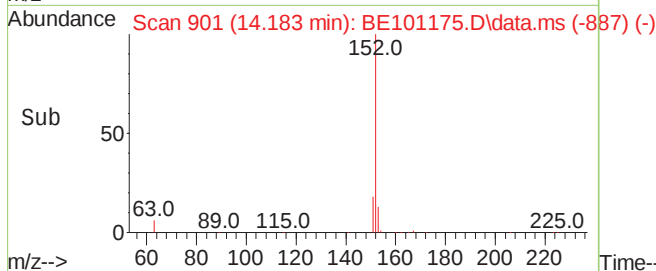
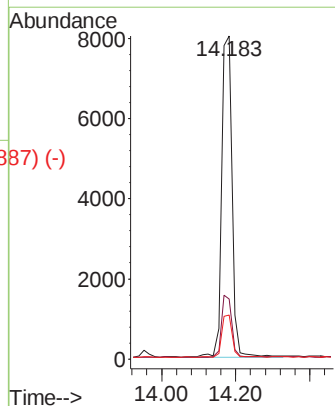
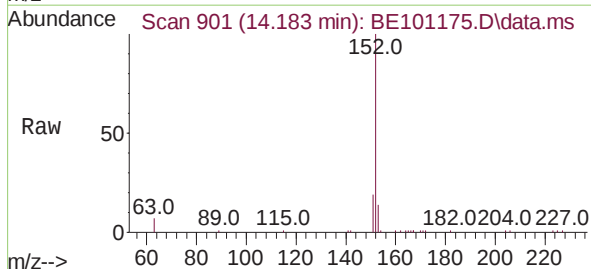
Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

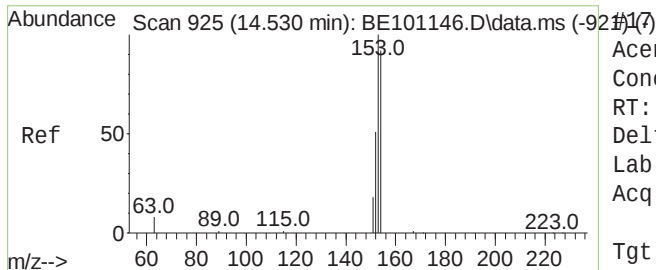
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 16629 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.3  | 26.4  | 39.6  |
| 170      | 22.3  | 17.4  | 26.0  |



Acenaphthylene  
Concen: 0.37 ng  
RT: 14.183 min Scan# 901  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 15674 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.0  | 15.4  | 23.0  |
| 153      | 12.9  | 10.3  | 15.5  |

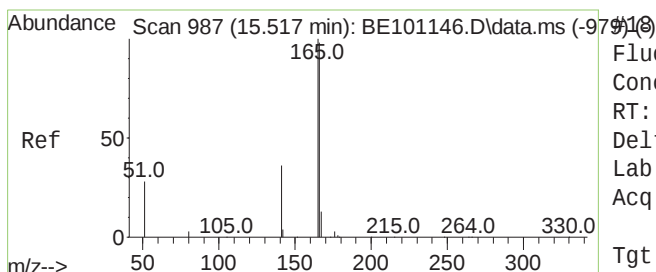
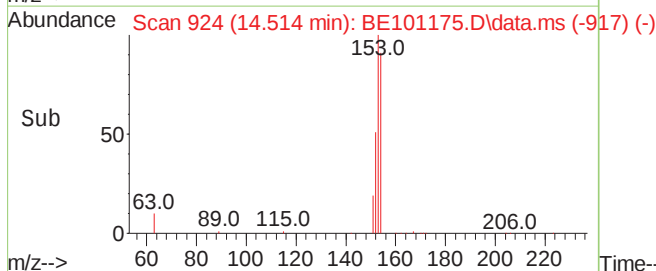
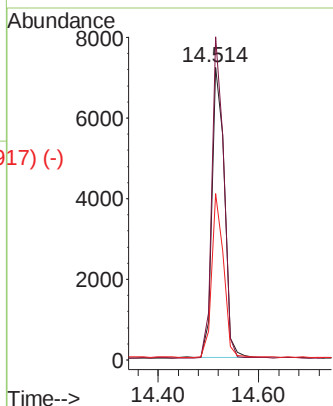
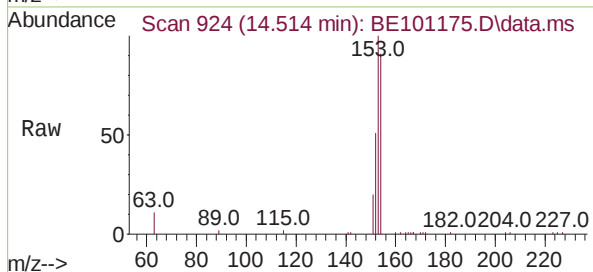




Acenaphthene  
Concen: 0.40 ng  
RT: 14.514 min Scan# 924  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

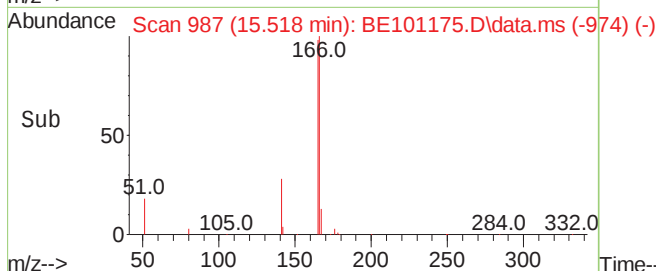
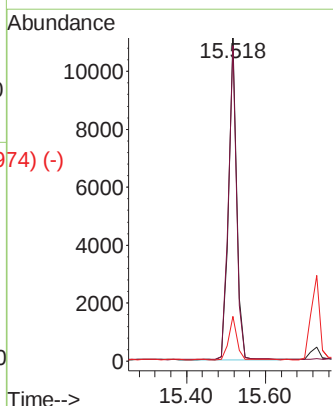
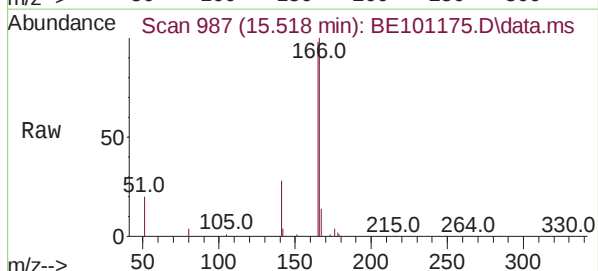
Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

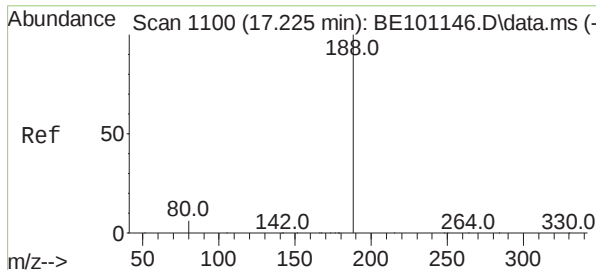
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 154   | Resp: | 12418 |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 105.6 | 86.7  | 130.1 |
| 152      | 53.9  | 46.1  | 69.1  |



Fluorene  
Concen: 0.39 ng  
RT: 15.518 min Scan# 987  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 15681 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 98.6  | 78.9  | 118.3 |
| 167      | 13.6  | 10.7  | 16.1  |

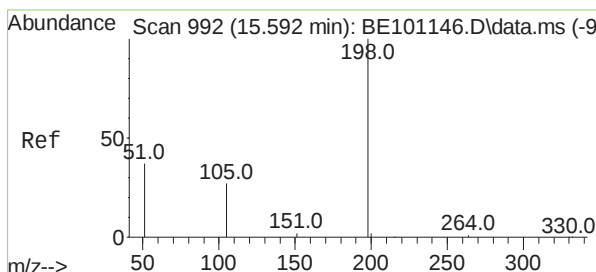
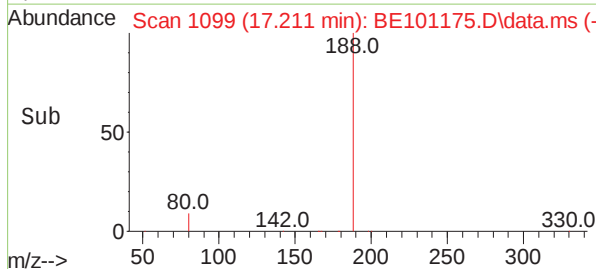
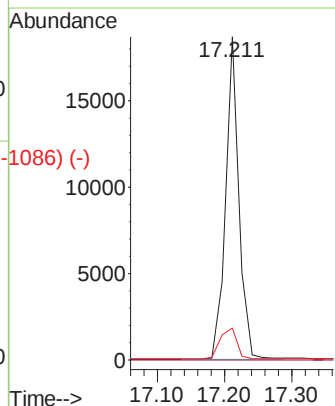
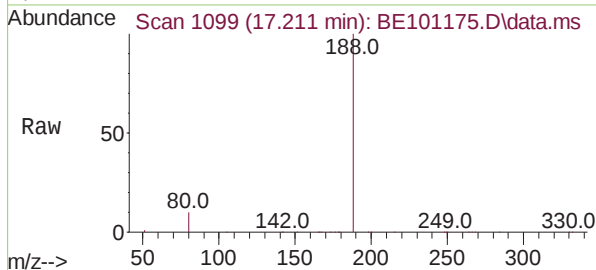




Phenanthrene-d10  
 Concen: 0.40 ng  
 RT: 17.211 min Scan# 1099  
 Delta R.T. -0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

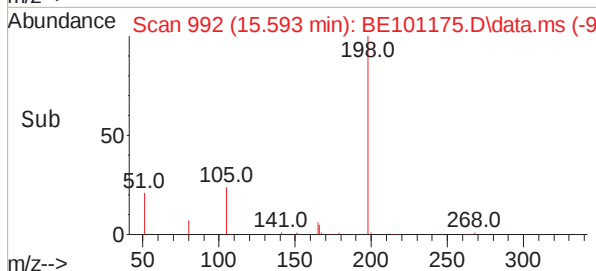
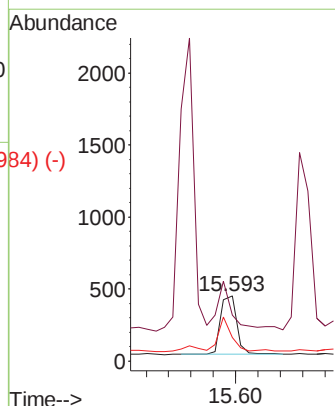
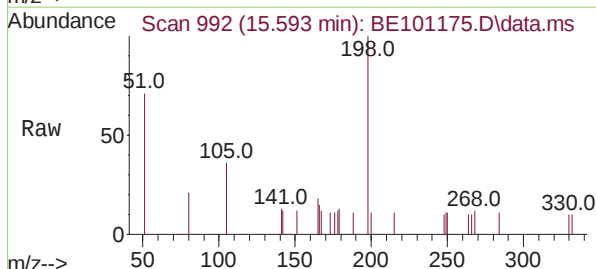
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 25969 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 9.8   | 4.8   | 7.2#  |



4,6-Dinitro-2-methylphenol  
 Concen: 0.62 ng  
 RT: 15.593 min Scan# 992  
 Delta R.T. 0.014 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

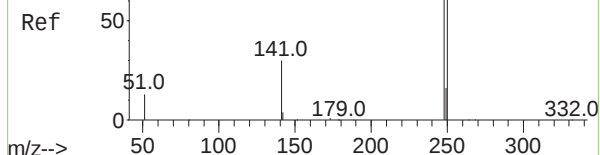
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 198   | Resp: | 815   |
| Ion      | Ratio | Lower | Upper |
| 198      | 100   |       |       |
| 51       | 71.1  | 68.8  | 103.2 |
| 105      | 36.0  | 32.7  | 49.1  |



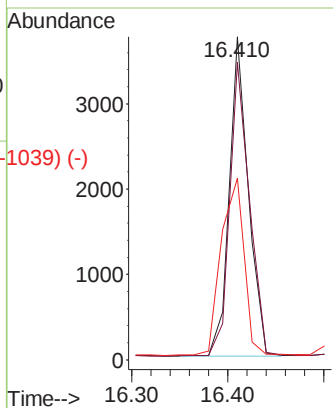
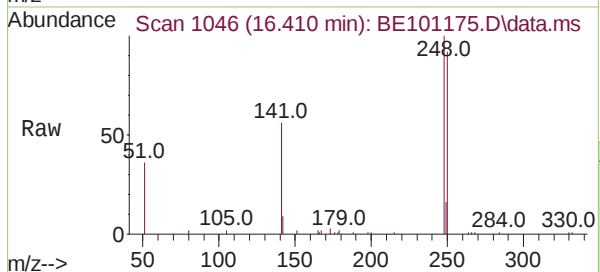
Abundance Scan 1047 (16.424 min): BE101146.D\data.ms (-1024) (-)

4-Bromophenyl-phenylether  
Concen: 0.44 ng  
RT: 16.410 min Scan# 1046  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

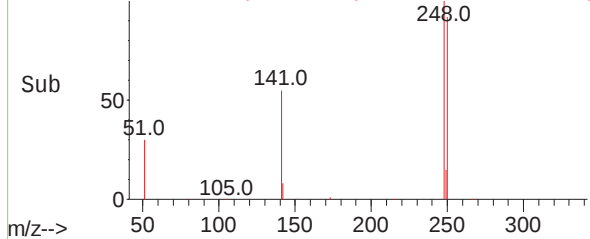
Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 5113  |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 92.1  | 79.0  | 118.6 |
| 141       | 56.1  | 24.9  | 37.3# |

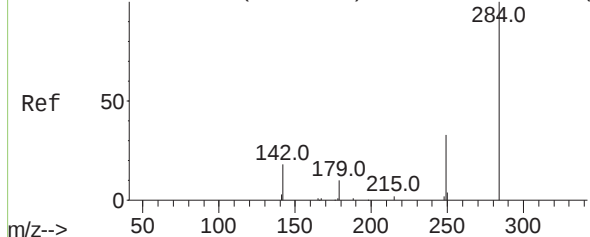


Abundance Scan 1046 (16.410 min): BE101175.D\data.ms (-1039) (-)

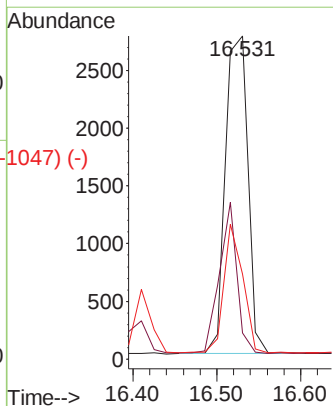
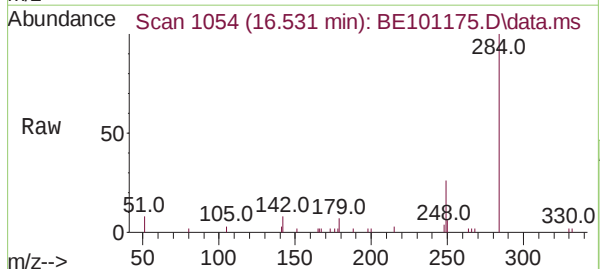


Abundance Scan 1054 (16.530 min): BE101146.D\data.ms (-1032) (-)

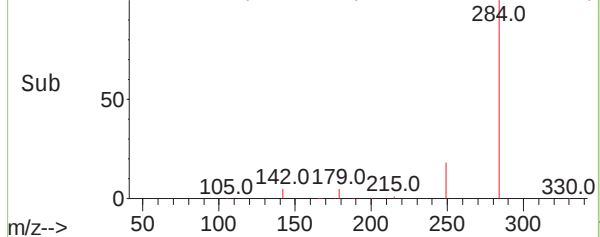
Hexachlorobenzene  
Concen: 0.41 ng  
RT: 16.531 min Scan# 1054  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

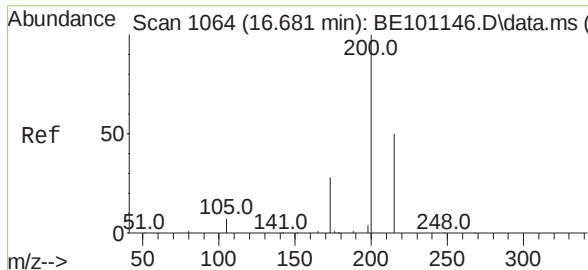


|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 284   | Resp: | 5187 |
| Ion Ratio | Lower | Upper |      |
| 284       | 100   |       |      |
| 142       | 36.5  | 28.3  | 42.5 |
| 249       | 34.4  | 27.1  | 40.7 |



Abundance Scan 1054 (16.531 min): BE101175.D\data.ms (-1047) (-)

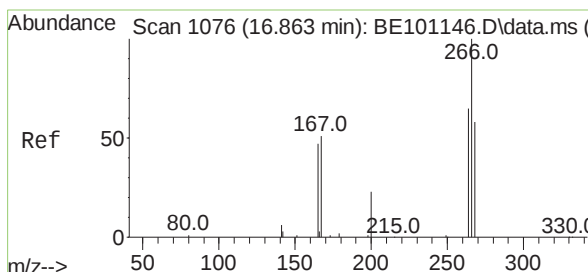
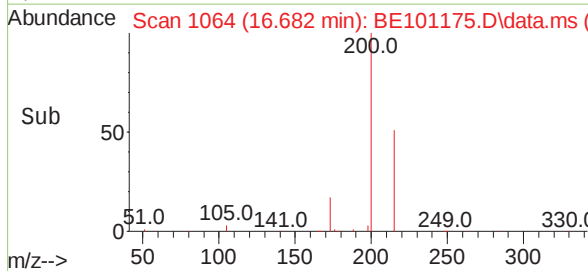
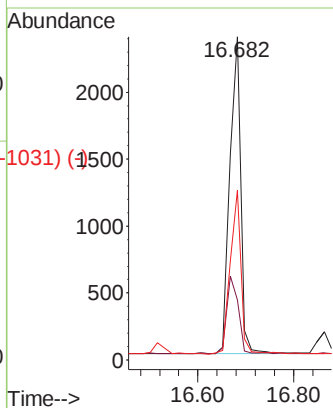
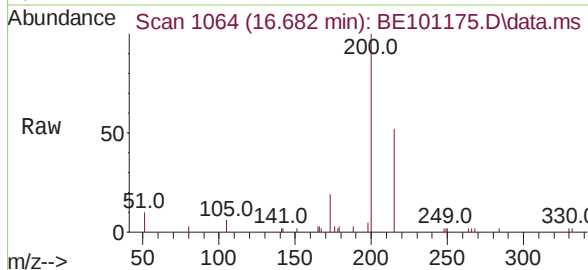




Scan 1064 (16.681 min): BE101146.D\data.ms (-1039) (-)  
 Atrazine  
 Concen: 0.52 ng  
 RT: 16.682 min Scan# 1064  
 Delta R.T. -0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

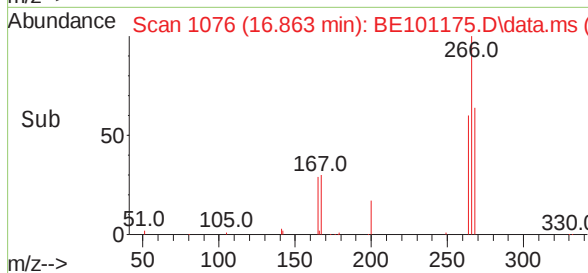
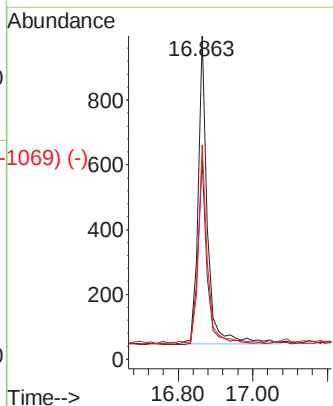
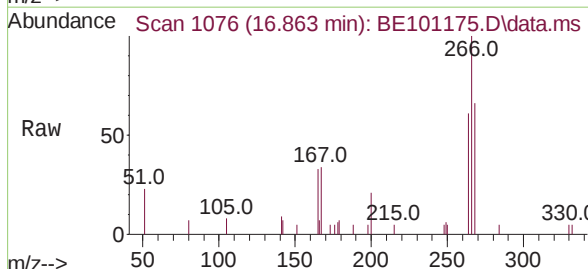
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

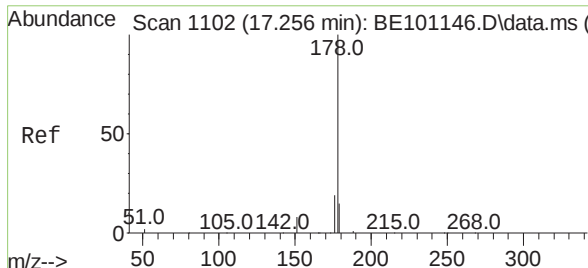
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 200   | Resp: | 3773  |
| Ion      | Ratio | Lower | Upper |
| 200      | 100   |       |       |
| 173      | 18.6  | 23.9  | 35.9# |
| 215      | 52.4  | 40.6  | 61.0  |



Scan 1076 (16.863 min): BE101146.D\data.ms (-1073) (-)  
 Pentachlorophenol  
 Concen: 0.49 ng  
 RT: 16.863 min Scan# 1076  
 Delta R.T. -0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 1664  |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 59.6  | 51.4  | 77.0  |
| 268      | 62.7  | 49.9  | 74.9  |

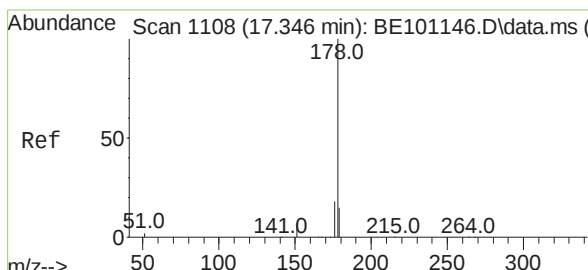
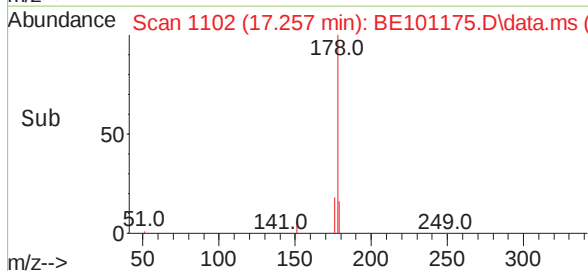
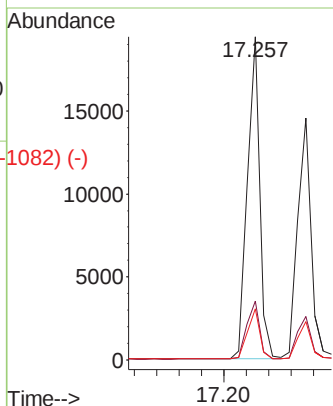
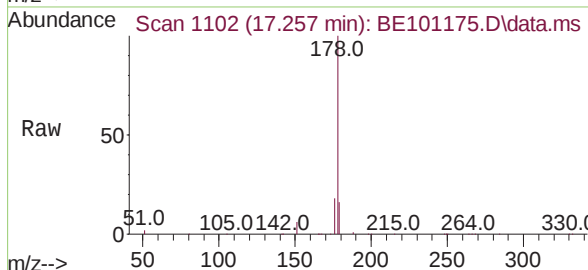




Scan 1102 (17.256 min): BE101146.D\data.ms (-1025) (-)  
 Phenanthrene  
 Concen: 0.42 ng  
 RT: 17.257 min Scan# 1102  
 Delta R.T. -0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

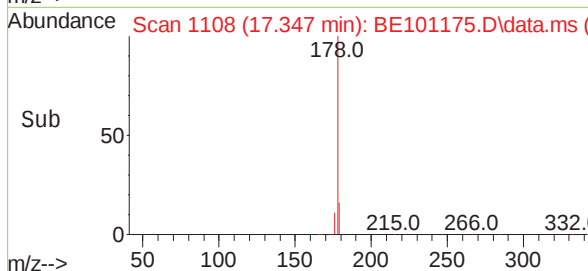
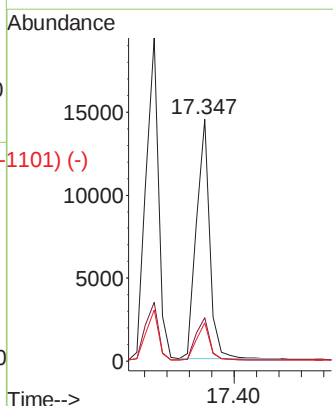
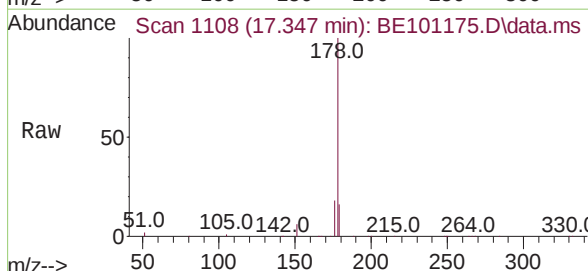
Instrument :  
 BNA\_E  
 ClientSampleID :  
 PB135471BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 30093 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.6  | 14.7  | 22.1  |
| 179      | 15.5  | 12.4  | 18.6  |

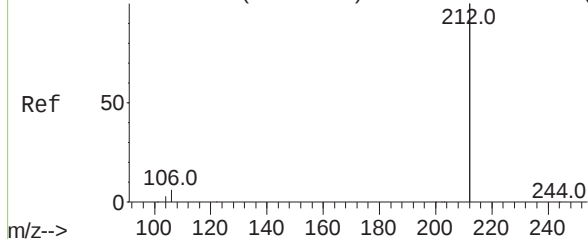


Scan 1108 (17.346 min): BE101146.D\data.ms (-1108) (-)  
 Anthracene  
 Concen: 0.39 ng  
 RT: 17.347 min Scan# 1108  
 Delta R.T. -0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 23939 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.1  | 14.4  | 21.6  |
| 179      | 15.5  | 12.2  | 18.4  |



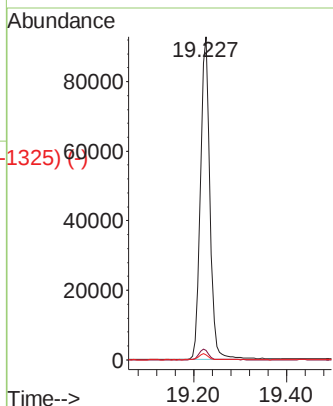
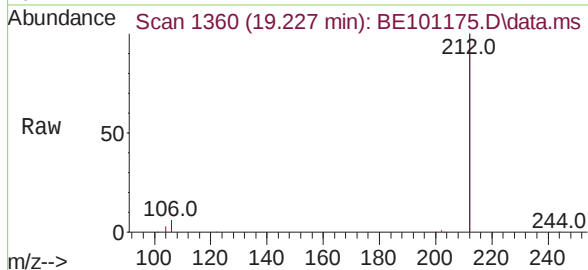
Abundance Scan 1361 (19.232 min): BE101146.D\data.ms (-1323) (-)



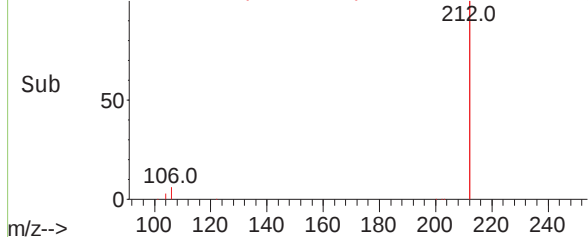
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.227 min Scan# 1360  
Delta R.T. 0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

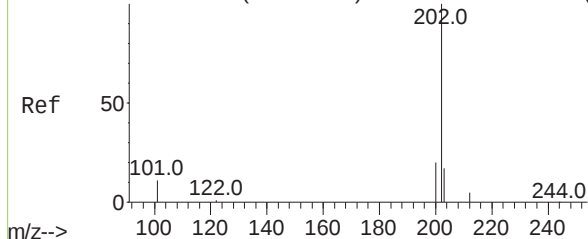
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 212   | Resp: | 131709 |
| Ion      | Ratio | Lower | Upper  |
| 212      | 100   |       |        |
| 106      | 3.3   | 2.6   | 3.8    |
| 104      | 1.8   | 1.4   | 2.2    |



Abundance Scan 1360 (19.227 min): BE101175.D\data.ms (-1325) (-)

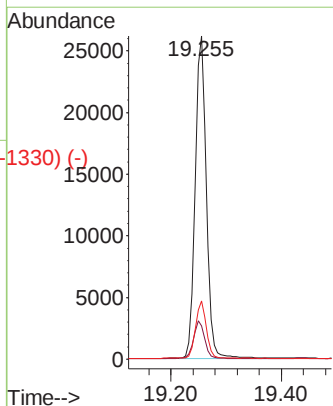
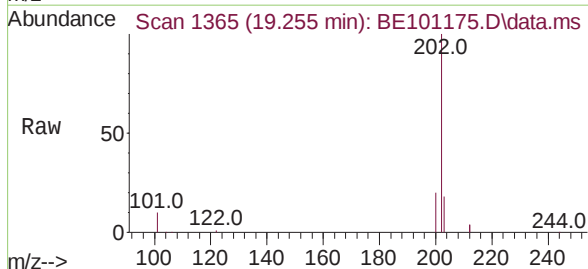


Abundance Scan 1366 (19.261 min): BE101146.D\data.ms (-1329) (-)

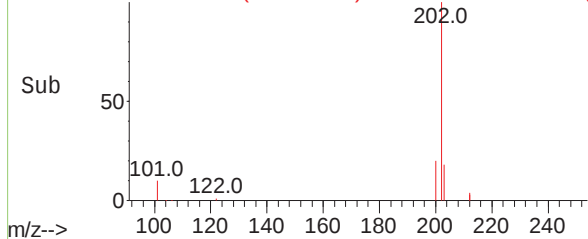


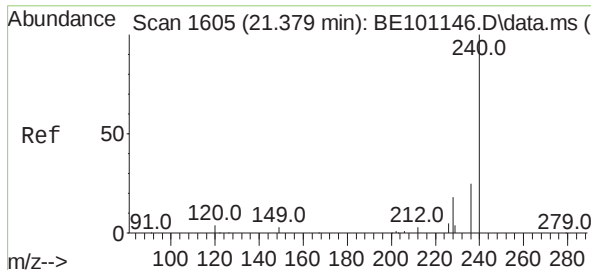
Fluoranthene  
Concen: 0.39 ng  
RT: 19.255 min Scan# 1365  
Delta R.T. 0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 36206 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 11.6  | 8.9   | 13.3  |
| 203      | 17.1  | 13.8  | 20.6  |



Abundance Scan 1365 (19.255 min): BE101175.D\data.ms (-1330) (-)

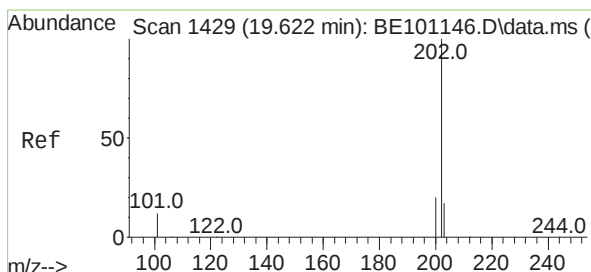
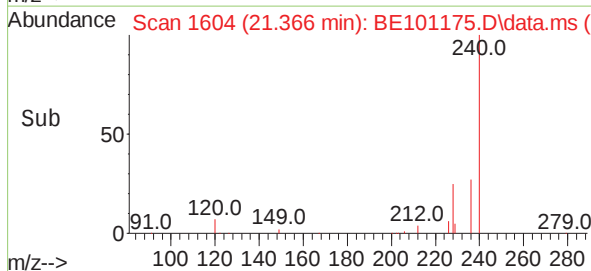
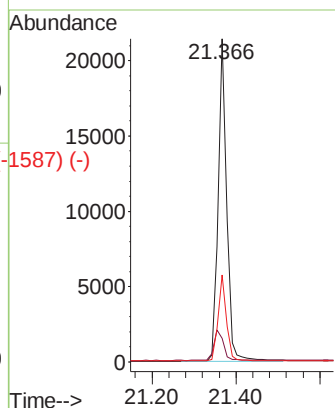
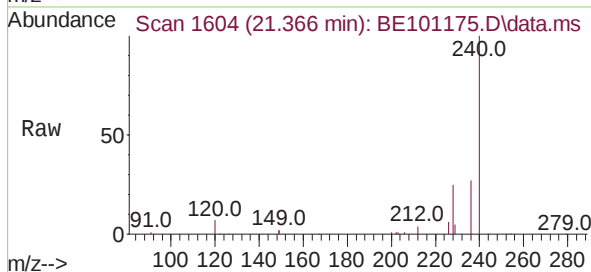




Chrysene-d12  
 Concen: 0.40 ng  
 RT: 21.366 min Scan# 1604  
 Delta R.T. 0.000 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

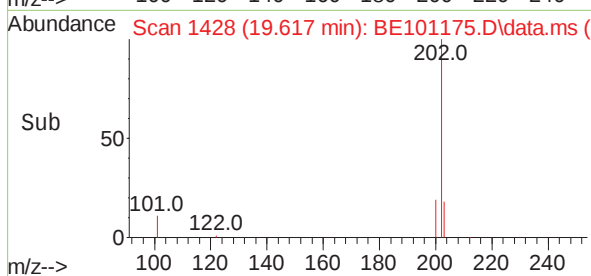
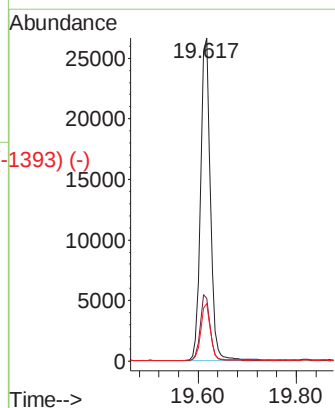
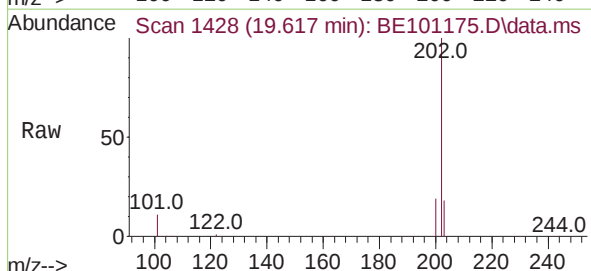
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 30089 |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 7.3   | 4.1   | 6.1#  |
| 236      | 26.9  | 20.3  | 30.5  |

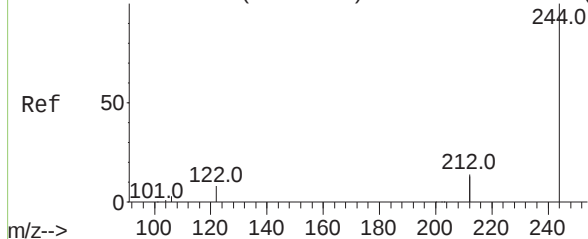


Pyrene  
 Concen: 0.41 ng  
 RT: 19.617 min Scan# 1428  
 Delta R.T. 0.001 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 36791 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 20.3  | 16.2  | 24.2  |
| 203      | 17.4  | 13.9  | 20.9  |



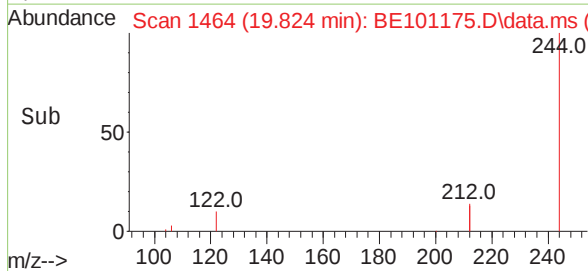
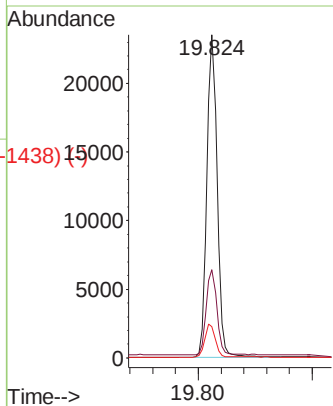
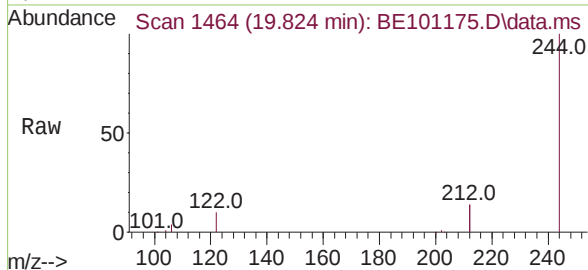
Abundance Scan 1466 (19.835 min): BE101146.D\data.ms (-1438)



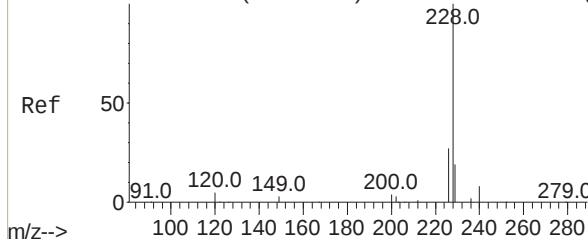
Terphenyl-d14  
Concen: 0.42 ng  
RT: 19.824 min Scan# 1464  
Delta R.T. 0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 27.3  | 21.7  | 32.5  |
| 122     | 9.8   | 6.6   | 10.0  |

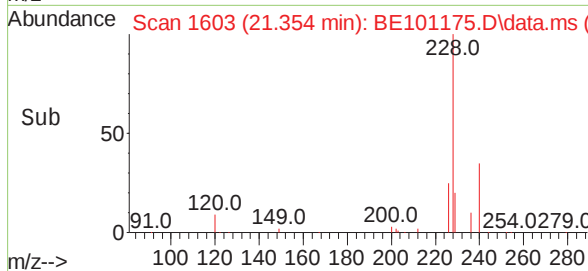
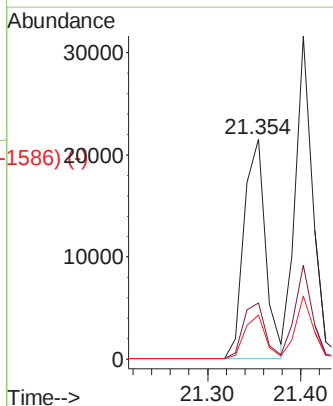
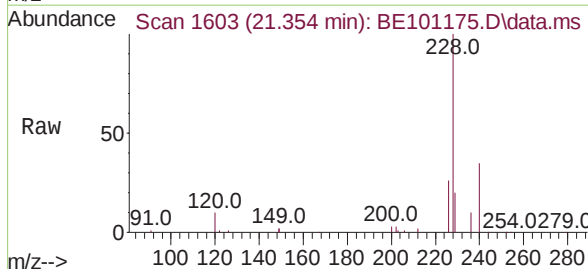


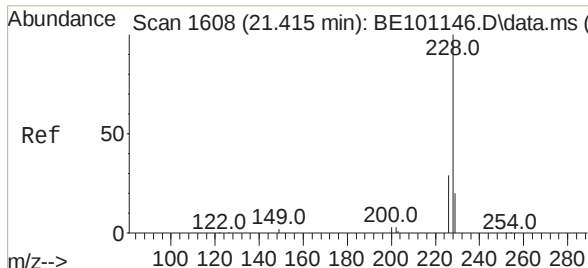
Abundance Scan 1603 (21.354 min): BE101146.D\data.ms (-1586)



Benzo(a)anthracene  
Concen: 0.45 ng  
RT: 21.354 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 25.5  | 21.8  | 32.8  |
| 229     | 20.1  | 15.4  | 23.0  |

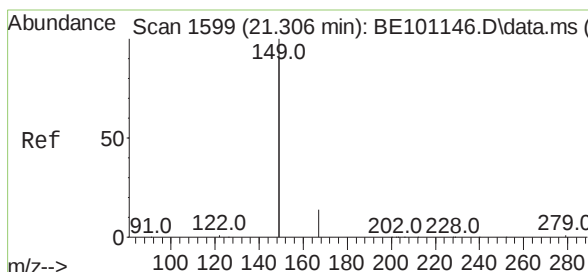
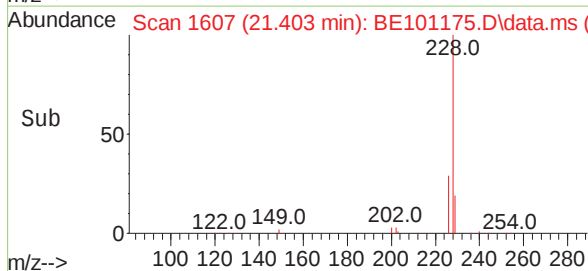
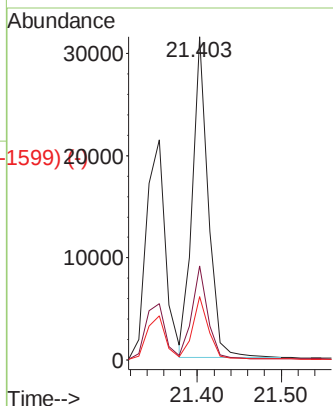
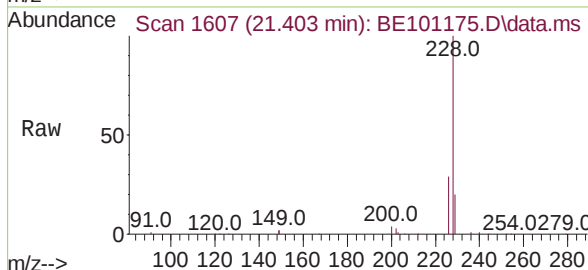




Scan 1608 (21.415 min): BE101146.D\data.ms (-1608) (-)  
 Chrysene  
 Concen: 0.44 ng  
 RT: 21.403 min Scan# 1607  
 Delta R.T. 0.000 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

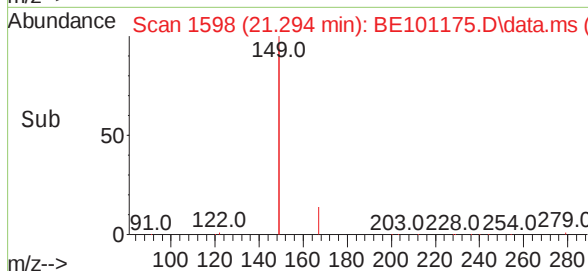
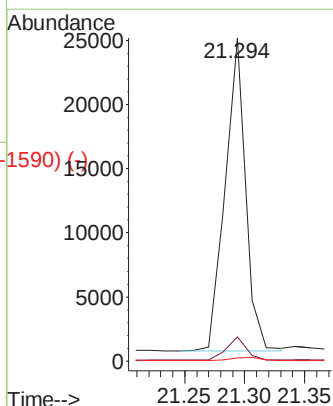
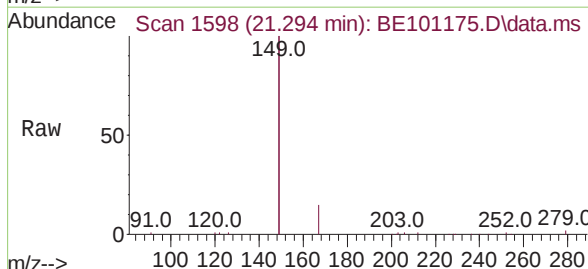
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135471BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 40593 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 29.2  | 22.8  | 34.2  |
| 229      | 19.5  | 16.2  | 24.2  |



Scan 1599 (21.306 min): BE101146.D\data.ms (-1599) (-)  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.57 ng  
 RT: 21.294 min Scan# 1598  
 Delta R.T. 0.000 min  
 Lab File: BE101175.D  
 Acq: 1 Apr 2021 13:39

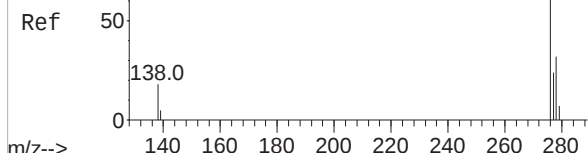
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 28809 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 7.1   | 5.4   | 8.2   |
| 279      | 1.2   | 0.9   | 1.3   |



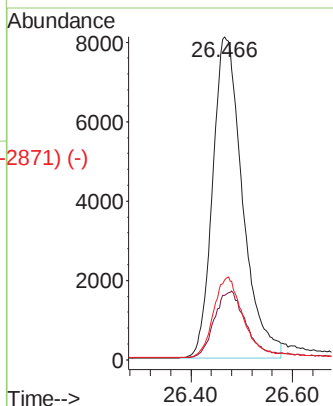
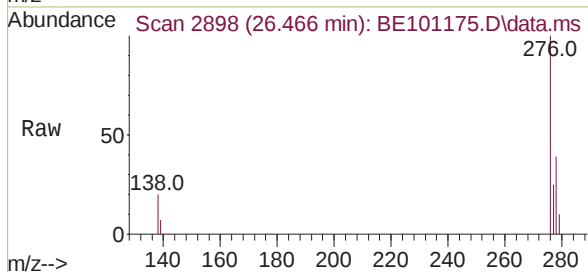
Abundance Scan 2903 (26.484 min): BE101146.D\data.ms (-2885) (-)

Indeno(1,2,3-cd)pyrene  
Concen: 0.54 ng  
RT: 26.466 min Scan# 2898  
Delta R.T. -0.004 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

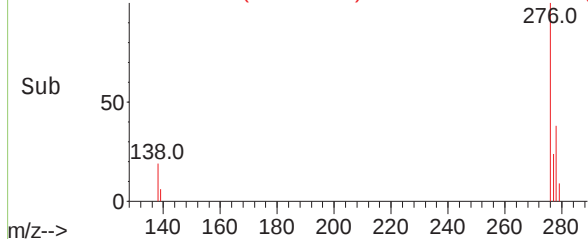
Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.8  | 17.1  | 25.7  |
| 277     | 24.8  | 19.8  | 29.8  |

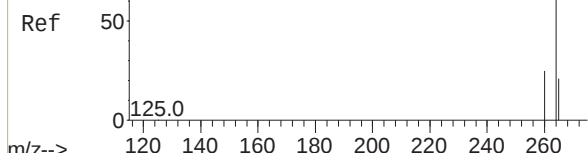


Abundance Scan 2898 (26.466 min): BE101175.D\data.ms (-2871) (-)

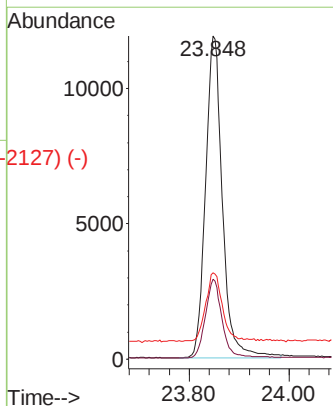
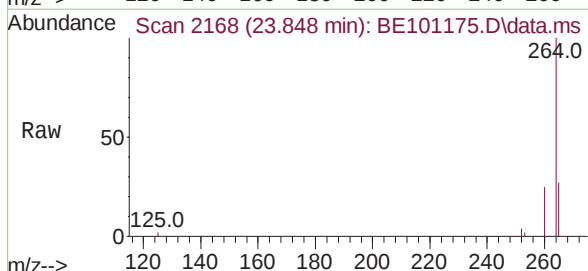


Abundance Scan 2172 (23.863 min): BE101146.D\data.ms (-2130) (-)

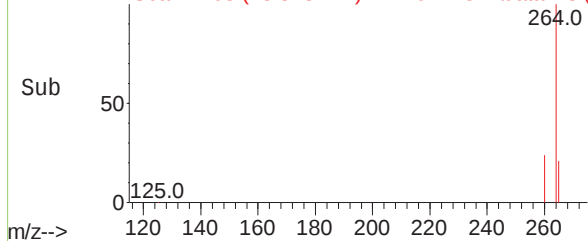
Perylene-d12  
Concen: 0.40 ng  
RT: 23.848 min Scan# 2168  
Delta R.T. -0.004 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39



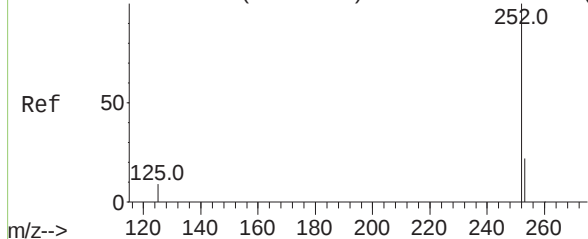
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 20.5  | 30.7  |
| 265     | 26.8  | 20.6  | 30.8  |



Abundance Scan 2168 (23.848 min): BE101175.D\data.ms (-2127) (-)

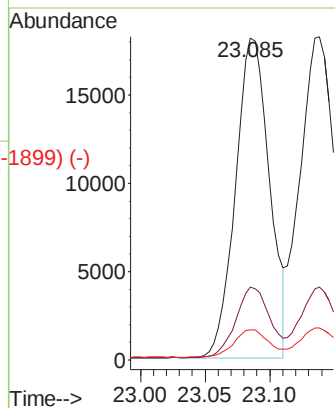
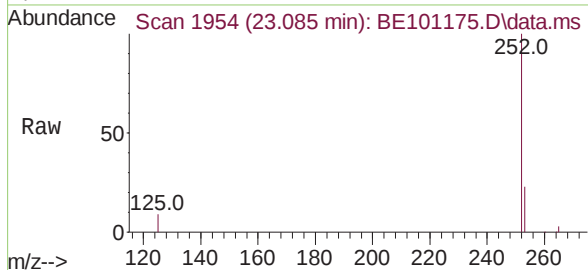


Abundance Scan 1958 (23.100 min): BE101146.D\data.ms (-1938) (-)

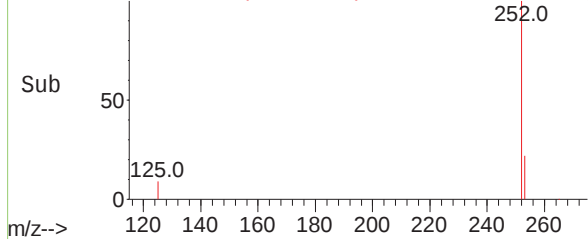


Benzo(b)fluoranthene  
Concen: 0.45 ng  
RT: 23.085 min Scan# 1954  
Delta R.T. -0.004 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

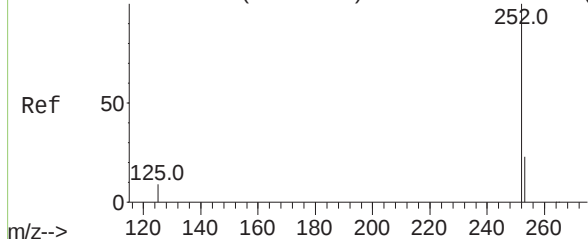
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 33053 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 22.6  | 17.8  | 26.8  |
| 125      | 9.3   | 7.5   | 11.3  |



Abundance Scan 1954 (23.085 min): BE101175.D\data.ms (-1899) (-)

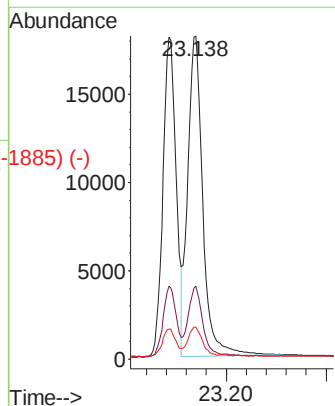
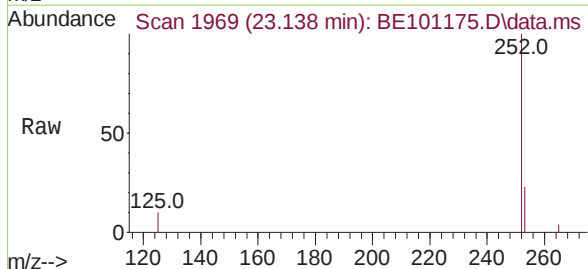


Abundance Scan 1972 (23.150 min): BE101146.D\data.ms (-1938) (-)

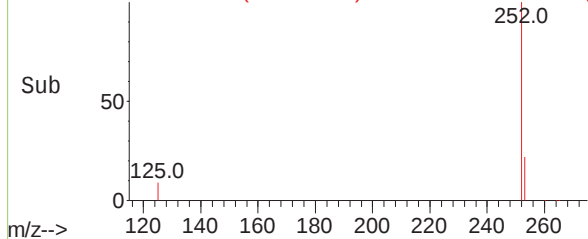


Benzo(k)fluoranthene  
Concen: 0.41 ng  
RT: 23.138 min Scan# 1969  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 37978 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 22.5  | 18.2  | 27.4  |
| 125      | 9.9   | 7.5   | 11.3  |



Abundance Scan 1969 (23.138 min): BE101175.D\data.ms (-1885) (-)

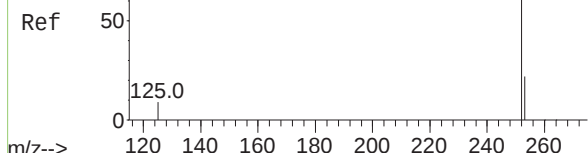


Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

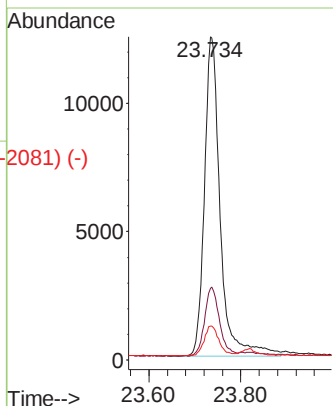
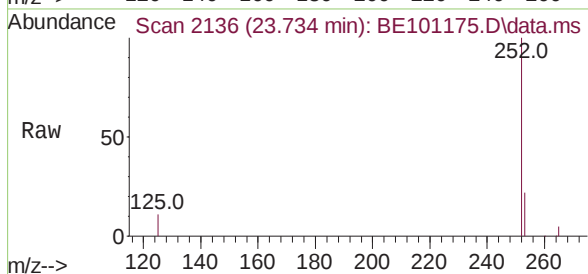
Abundance Scan 2140 (23.749 min): BE101146.D\data.ms (-2129) (-)

Benzo(a)pyrene  
Concen: 0.43 ng  
RT: 23.734 min Scan# 2136  
Delta R.T. -0.004 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

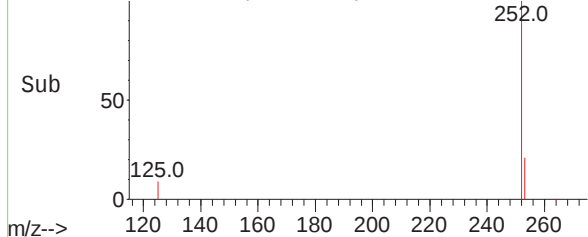
Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 29649 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.1  | 18.6  | 28.0  |
| 125       | 10.6  | 8.3   | 12.5  |

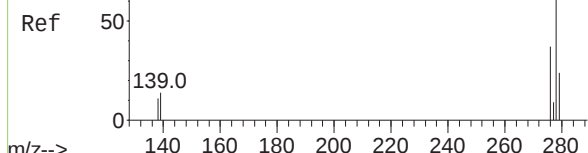


Abundance Scan 2136 (23.734 min): BE101175.D\data.ms (-2081) (-)

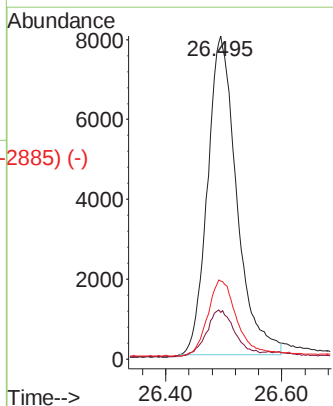
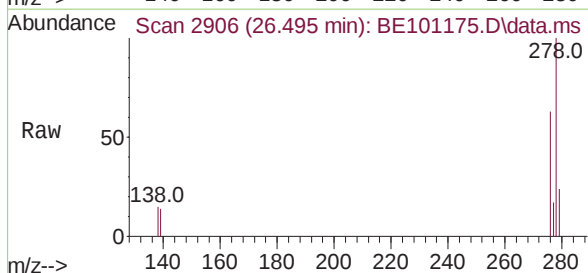


Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2894) (-)

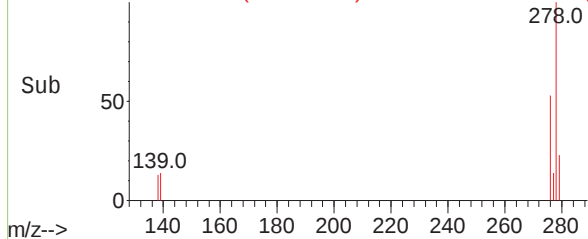
Dibenzo(a,h)anthracene  
Concen: 0.50 ng  
RT: 26.495 min Scan# 2906  
Delta R.T. -0.004 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39



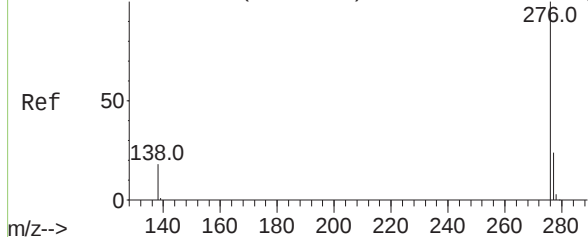
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 27997 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 14.4  | 12.0  | 18.0  |
| 279       | 24.2  | 20.2  | 30.4  |



Abundance Scan 2906 (26.495 min): BE101175.D\data.ms (-2885) (-)



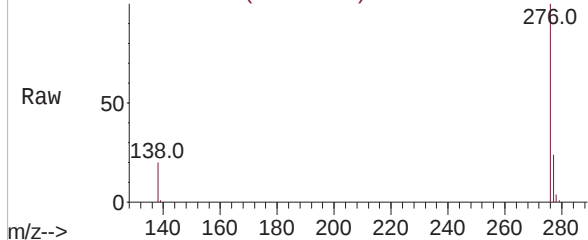
Abundance Scan 3129 (27.290 min): BE101146.D\data.ms (-3104)



Benzo(g,h,i)perylene  
Concen: 0.45 ng  
RT: 27.269 min Scan# 3123  
Delta R.T. -0.001 min  
Lab File: BE101175.D  
Acq: 1 Apr 2021 13:39

Instrument :  
BNA\_E  
ClientSampleId :  
PB135471BSD

Abundance Scan 3123 (27.269 min): BE101175.D\data.ms



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 31597 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.3  | 19.7  | 29.5  |
| 138      | 19.7  | 15.3  | 22.9  |

Abundance Scan 3123 (27.269 min): BE101175.D\data.ms (-3067) (-)

