

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE033121\  
 Data File : BE101165.D  
 Acq On : 31 Mar 2021 17:00  
 Operator : CG/JU  
 Sample : M1843-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE117D2-20210325

Quant Time: Mar 31 17:44:03 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE032421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 31 11:11:33 2021  
 Response via : Initial Calibration

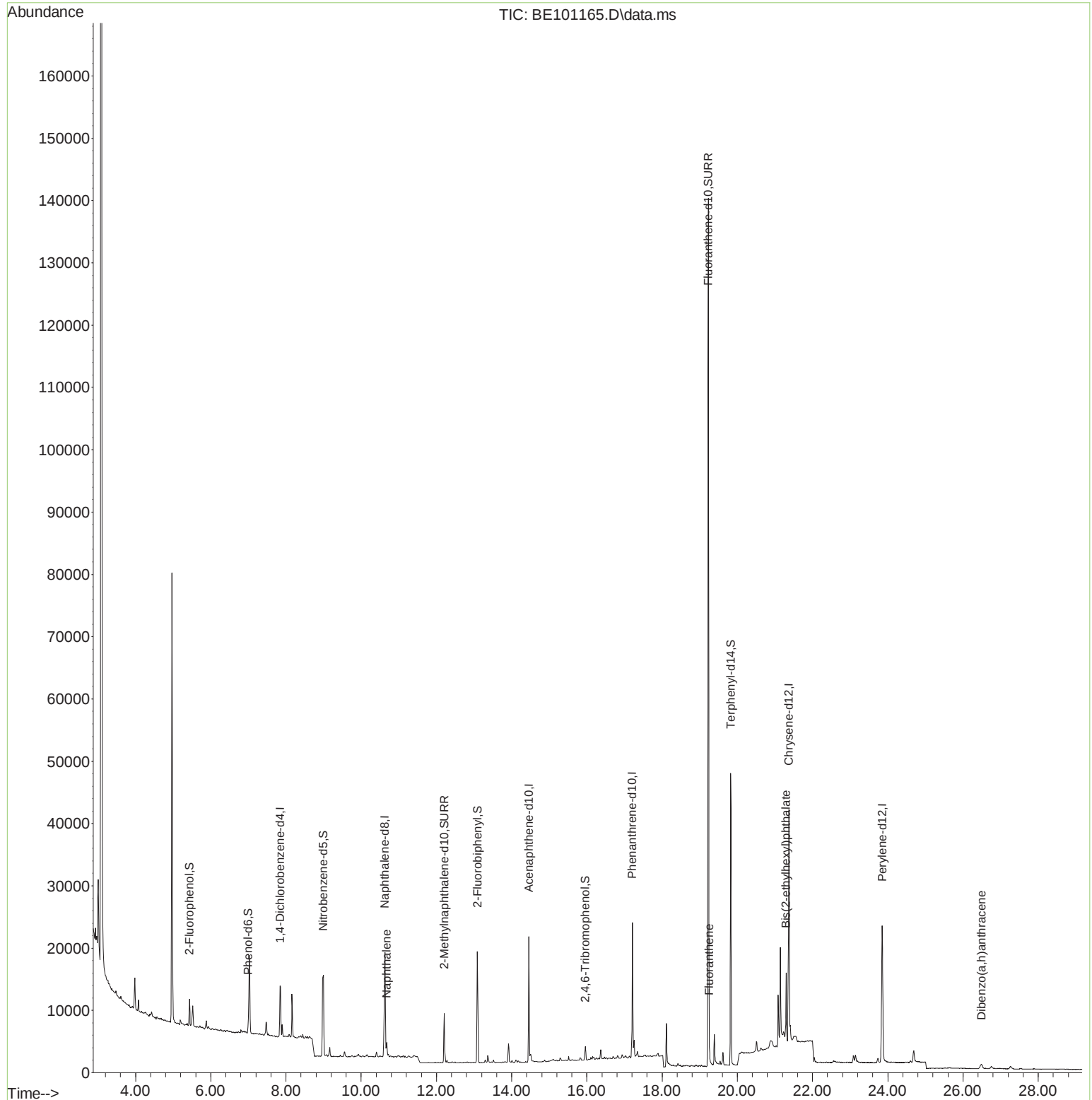
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.850  | 152  | 4091     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.628 | 136  | 17618    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.458 | 164  | 11437    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.210 | 188  | 28642    | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.367 | 240  | 36333    | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.852 | 264  | 34454    | 0.40 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.431  | 112  | 1947     | 0.20 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.997  | 99   | 1701     | 0.11 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.991  | 82   | 5219     | 0.50 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.211 | 152  | 10084    | 0.35 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.956 | 330  | 1225     | 0.60 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.089 | 172  | 15338    | 0.36 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.226 | 212  | 176119   | 0.49 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.824 | 244  | 41449    | 0.50 | ng    | -0.01    |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 9) Naphthalene                | 10.680 | 128  | 3608     | 0.02 | ng    | # 93     |
| 28) Fluoranthene              | 19.255 | 202  | 2105     | 0.02 | ng    | # 82     |
| 34) Bis(2-ethylhexyl)phtha... | 21.294 | 149  | 12285    | 0.20 | ng    | # 98     |
| 40) Dibenzo(a,h)anthracene    | 26.494 | 278  | 1057     | 0.11 | ng    | # 33     |
| -----                         |        |      |          |      |       |          |

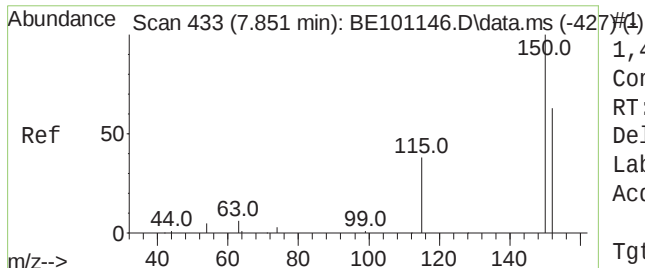
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE033121\  
Data File : BE101165.D  
Acq On : 31 Mar 2021 17:00  
Operator : CG/JU  
Sample : M1843-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
RE117D2-20210325

Quant Time: Mar 31 17:44:03 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-SIM-BE032421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 31 11:11:33 2021  
Response via : Initial Calibration

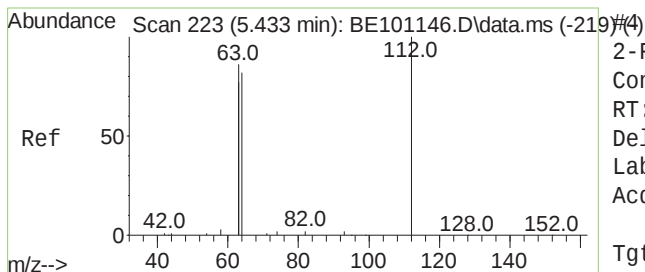
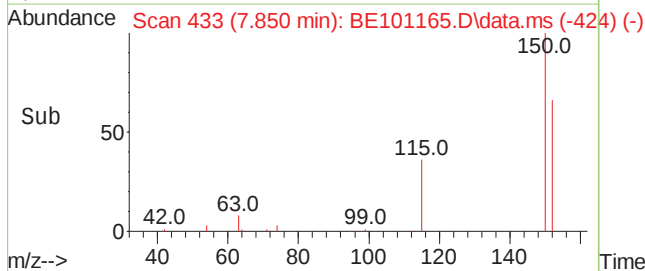
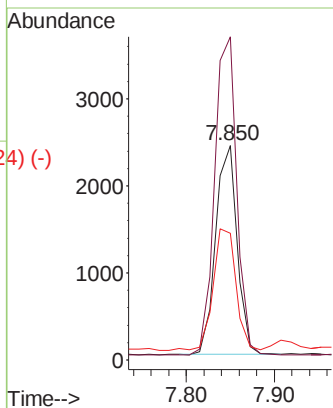
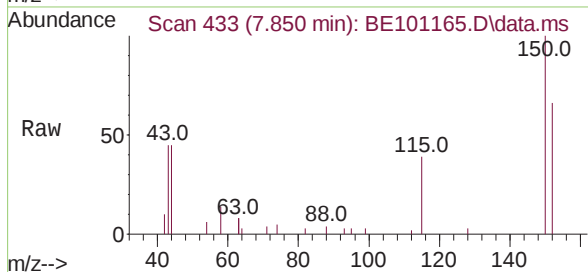




1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.850 min Scan# 433  
 Delta R.T. -0.001 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

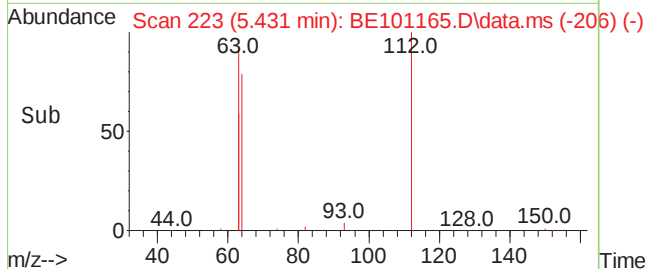
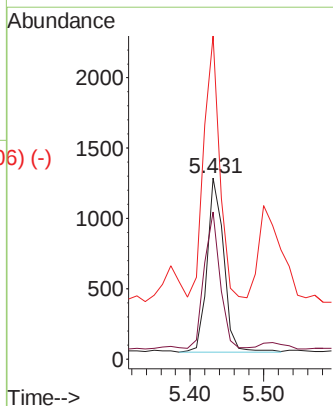
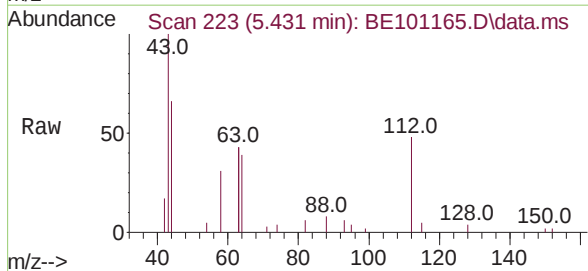
Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE117D2-20210325

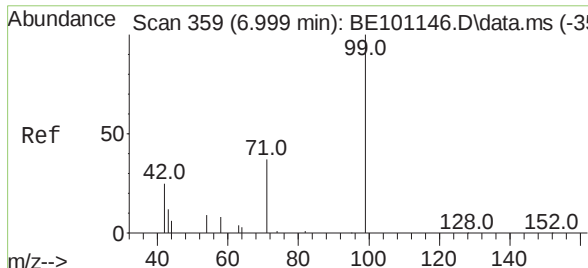
Tgt Ion:152 Resp: 4091  
 Ion Ratio Lower Upper  
 152 100  
 150 150.6 126.3 189.5  
 115 59.0 48.9 73.3



2-Fluorophenol  
 Concen: 0.20 ng  
 RT: 5.431 min Scan# 223  
 Delta R.T. -0.001 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

Tgt Ion:112 Resp: 1947  
 Ion Ratio Lower Upper  
 112 100  
 64 78.1 60.8 91.2  
 63 149.4 119.4 179.0

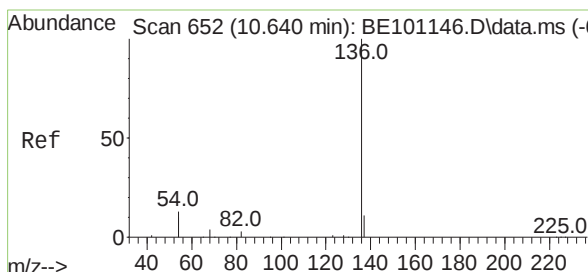
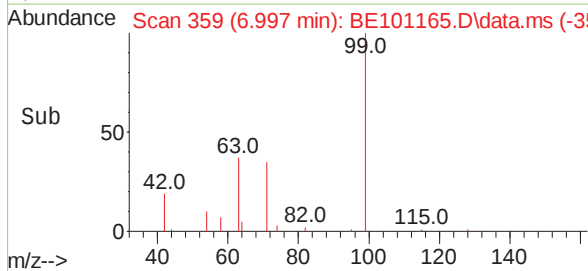
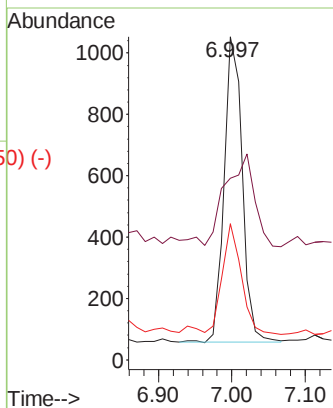
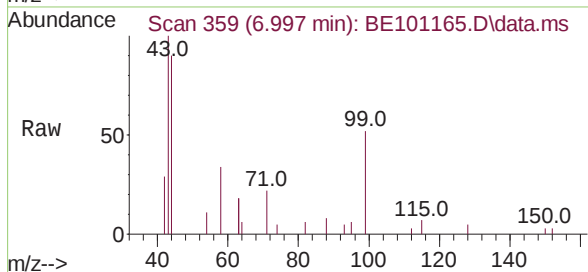




Phenol-d6  
 Concen: 0.11 ng  
 RT: 6.997 min Scan# 359  
 Delta R.T. -0.002 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

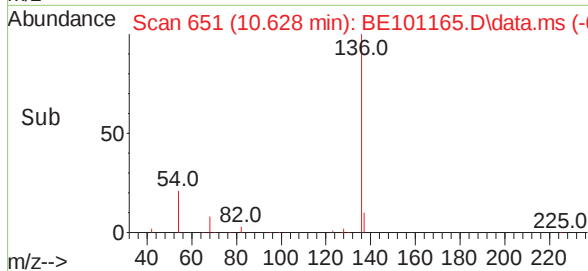
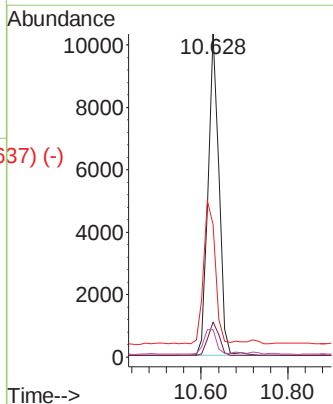
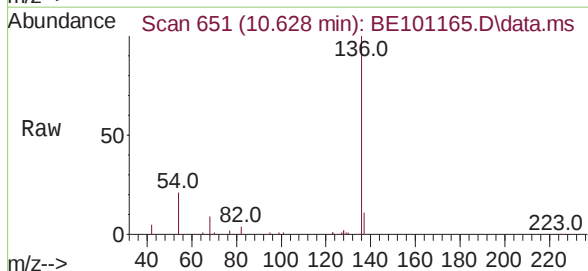
Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE117D2-20210325

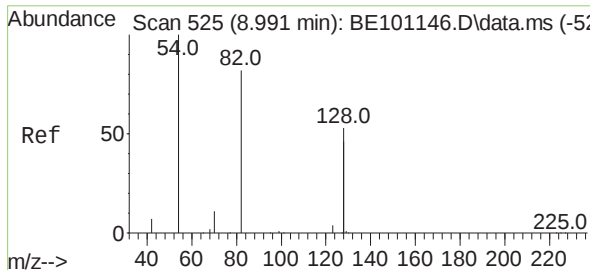
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1701  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 0.0   | 18.8  | 28.2# |
| 71       | 38.0  | 26.3  | 39.5  |



Naphthalene-d8  
 Concen: 0.40 ng  
 RT: 10.628 min Scan# 651  
 Delta R.T. -0.013 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 17618 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 8.9   | 13.3  |
| 54       | 41.1  | 20.2  | 30.4# |
| 68       | 8.5   | 4.0   | 6.0#  |

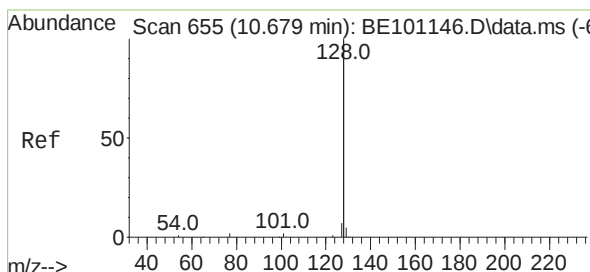
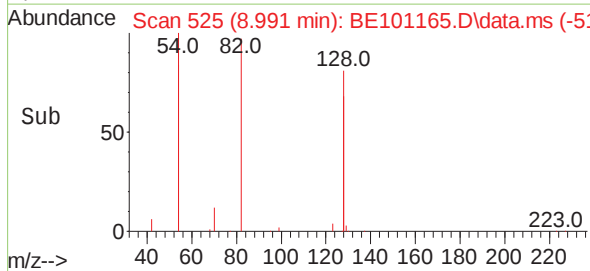
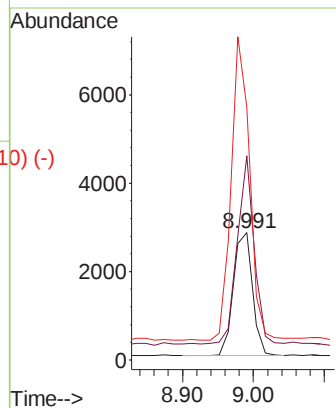
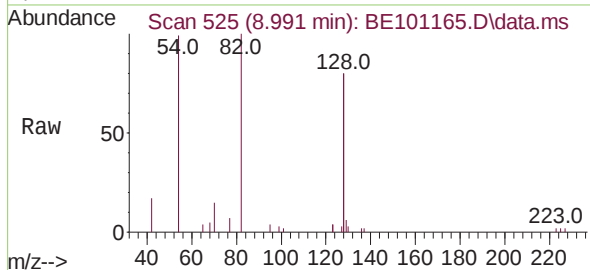




Nitrobenzene-d5  
 Concen: 0.50 ng  
 RT: 8.991 min Scan# 525  
 Delta R.T. 0.000 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

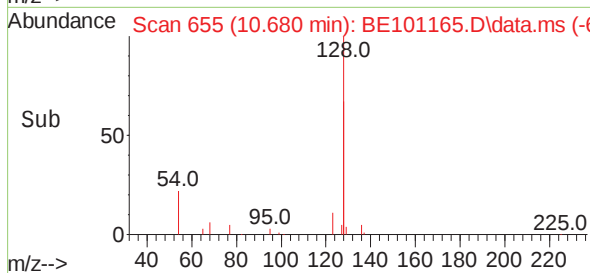
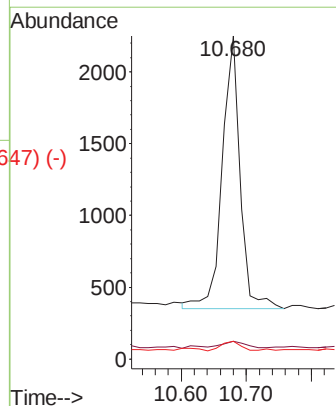
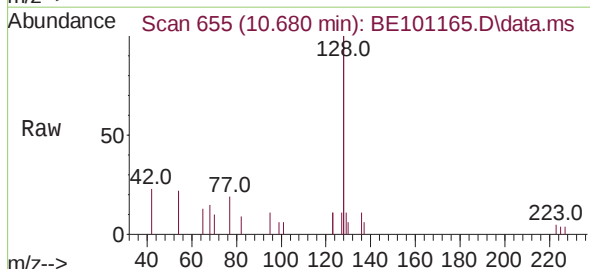
Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE117D2-20210325

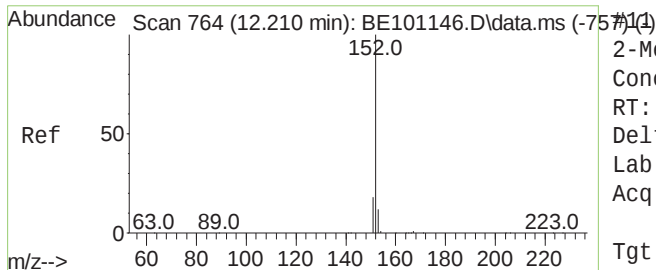
Tgt Ion: 82 Resp: 5219  
 Ion Ratio Lower Upper  
 82 100  
 128 160.0 101.5 152.3#  
 54 198.1 189.8 284.6



Naphthalene  
 Concen: 0.02 ng  
 RT: 10.680 min Scan# 655  
 Delta R.T. 0.000 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

Tgt Ion: 128 Resp: 3608  
 Ion Ratio Lower Upper  
 128 100  
 129 5.5 2.2 3.2#  
 127 5.4 2.7 4.1#

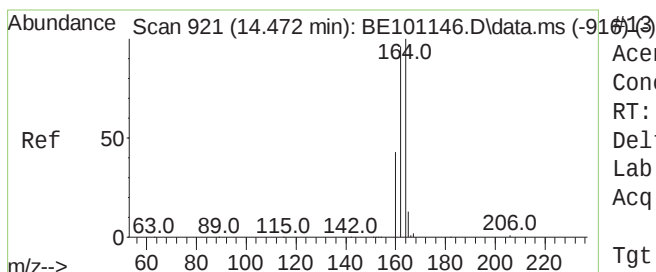
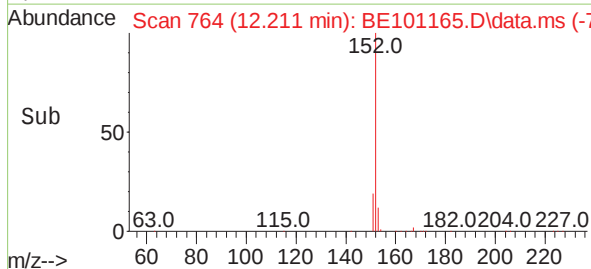
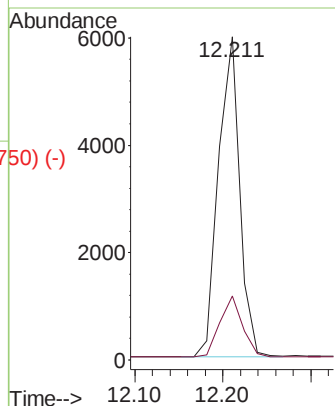
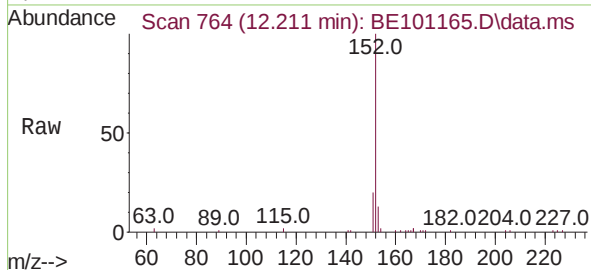




2-Methylnaphthalene-d10  
Concen: 0.35 ng  
RT: 12.211 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

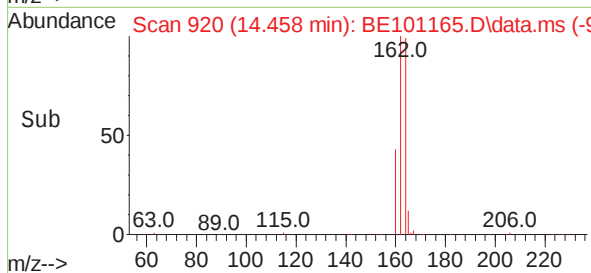
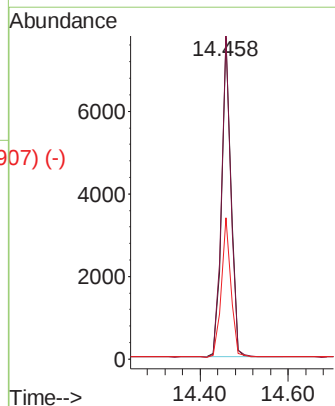
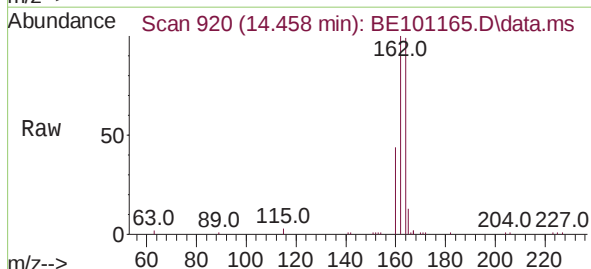
Instrument :  
BNA\_E  
ClientSampleId :  
RE117D2-20210325

Tgt Ion:152 Resp: 10084  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.6 24.8



Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.458 min Scan# 920  
Delta R.T. -0.014 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

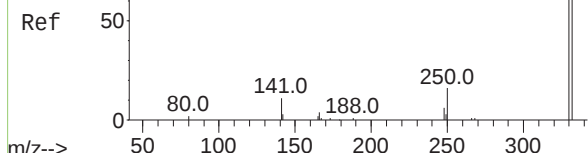
Tgt Ion:164 Resp: 11437  
Ion Ratio Lower Upper  
164 100  
162 100.7 76.6 115.0  
160 44.0 34.5 51.7



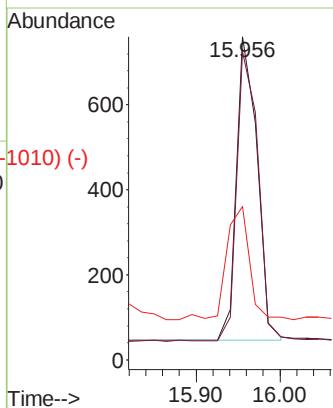
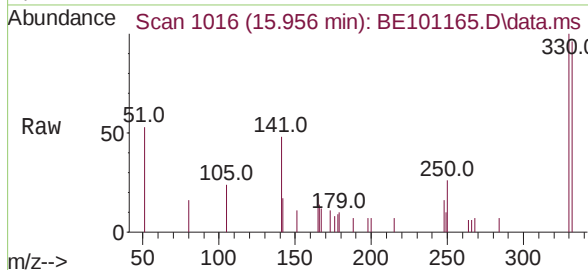
Abundance Scan 1017 (15.970 min): BE101146.D\data.ms (-1013) (-)

2,4,6-Tribromophenol  
Concen: 0.60 ng  
RT: 15.956 min Scan# 1016  
Delta R.T. -0.015 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

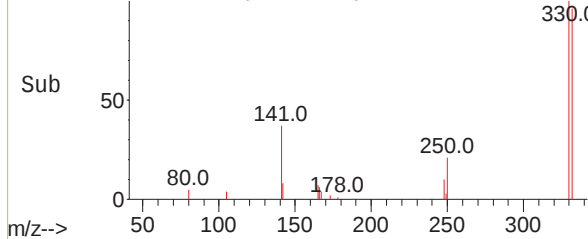
Instrument :  
BNA\_E  
ClientSampleId :  
RE117D2-20210325



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 1225  |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 97.9  | 69.1  | 103.7 |
| 141      | 40.9  | 30.6  | 45.8  |

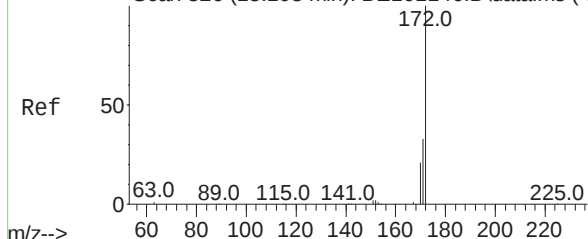


Abundance Scan 1016 (15.956 min): BE101165.D\data.ms (-1010) (-)

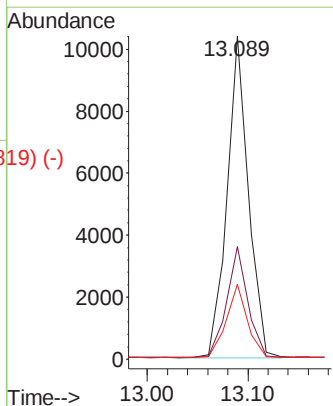
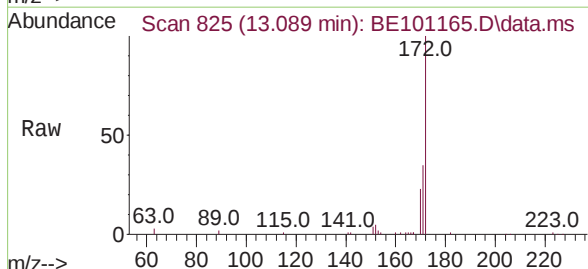


Abundance Scan 826 (13.103 min): BE101146.D\data.ms (-821) (-)

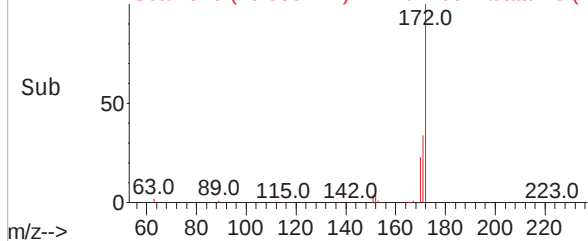
2-Fluorobiphenyl  
Concen: 0.36 ng  
RT: 13.089 min Scan# 825  
Delta R.T. -0.014 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

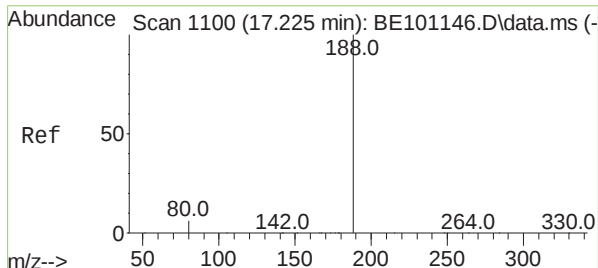


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 15338 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.8  | 26.4  | 39.6  |
| 170      | 23.2  | 17.4  | 26.0  |



Abundance Scan 825 (13.089 min): BE101165.D\data.ms (-819) (-)

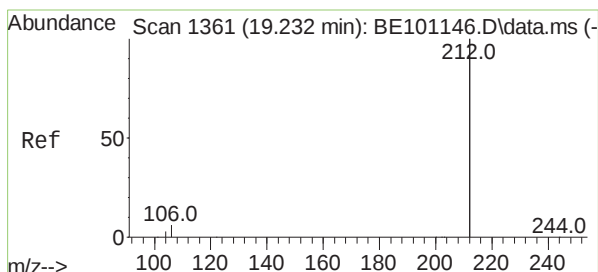
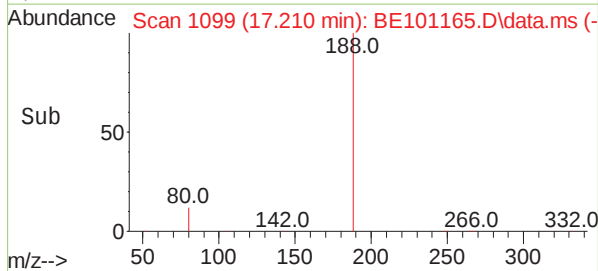
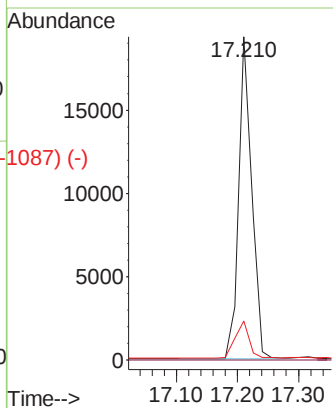
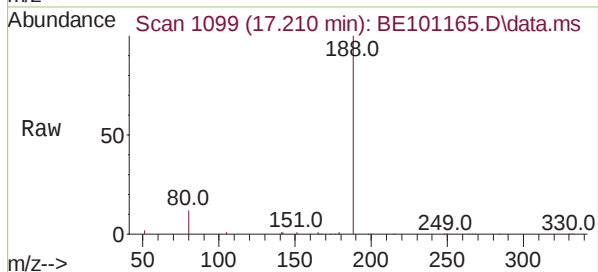




Phenanthrene-d10  
 Concen: 0.40 ng  
 RT: 17.210 min Scan# 1099  
 Delta R.T. -0.015 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

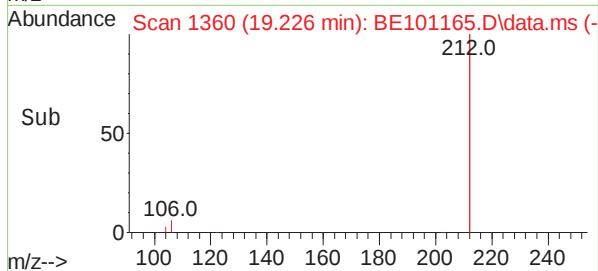
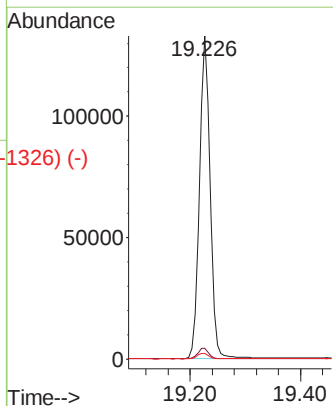
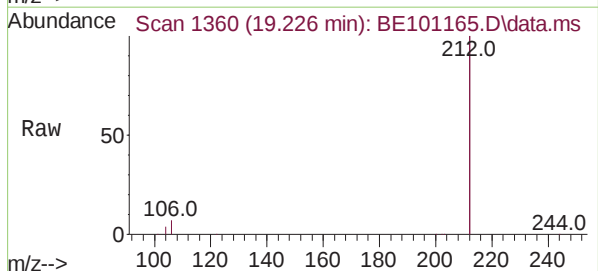
Instrument :  
 BNA\_E  
 ClientSampleId :  
 RE117D2-20210325

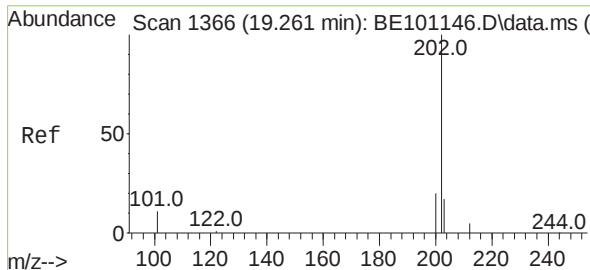
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 28642 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 12.1  | 4.8   | 7.2#  |



Fluoranthene-d10  
 Concen: 0.49 ng  
 RT: 19.226 min Scan# 1360  
 Delta R.T. -0.006 min  
 Lab File: BE101165.D  
 Acq: 31 Mar 2021 17:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 212   | Resp: | 176119 |
| Ion Ratio | Lower | Upper |        |
| 212       | 100   |       |        |
| 106       | 3.4   | 2.6   | 3.8    |
| 104       | 1.9   | 1.4   | 2.2    |

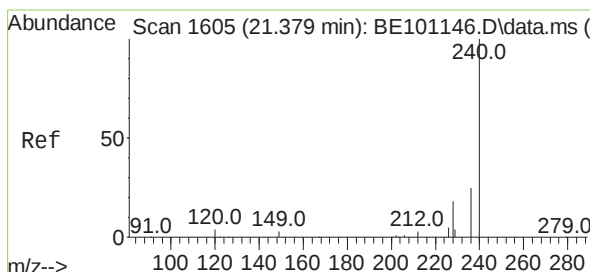
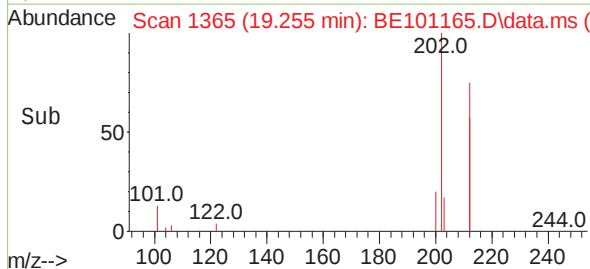
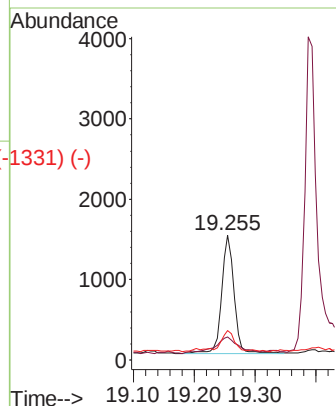
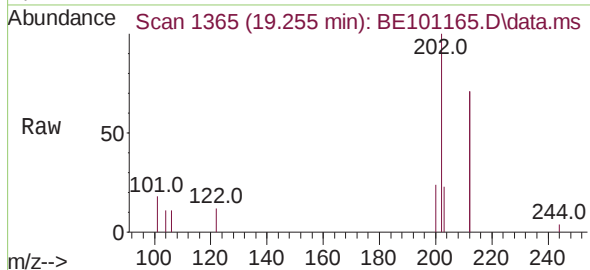




Fluoranthene  
Concen: 0.02 ng  
RT: 19.255 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

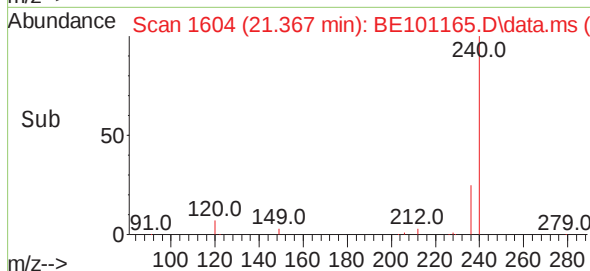
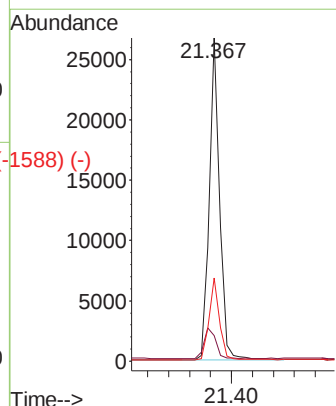
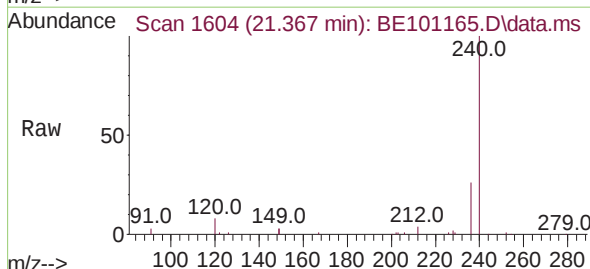
Instrument :  
BNA\_E  
ClientSampleId :  
RE117D2-20210325

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 2105  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 27.1  | 8.9   | 13.3# |
| 203      | 16.0  | 13.8  | 20.6  |



Chrysene-d12  
Concen: 0.40 ng  
RT: 21.367 min Scan# 1604  
Delta R.T. -0.012 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

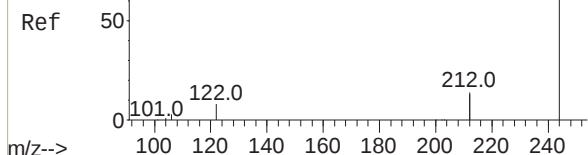
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 36333 |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 7.9   | 4.1   | 6.1#  |
| 236      | 25.8  | 20.3  | 30.5  |



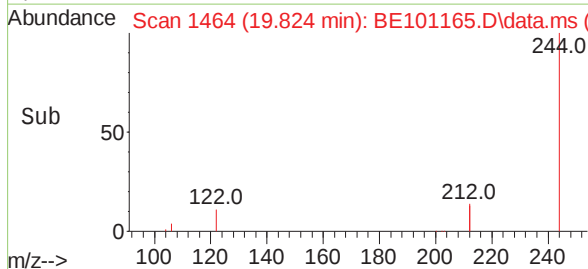
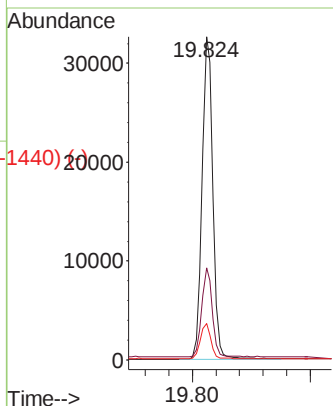
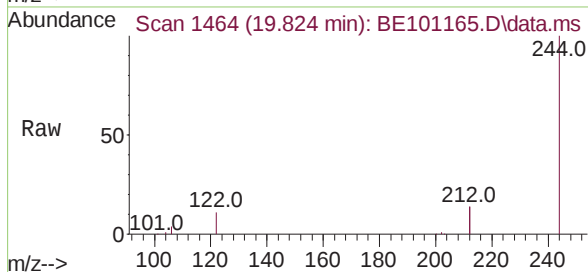
Abundance Scan 1466 (19.835 min): BE101146.D\data.ms (-1438) (-)

Terphenyl-d14  
Concen: 0.50 ng  
RT: 19.824 min Scan# 1464  
Delta R.T. -0.011 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

Instrument :  
BNA\_E  
ClientSampleId :  
RE117D2-20210325

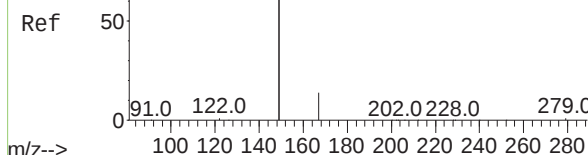


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 28.6  | 21.7  | 32.5  |
| 122     | 11.4  | 6.6   | 10.0# |

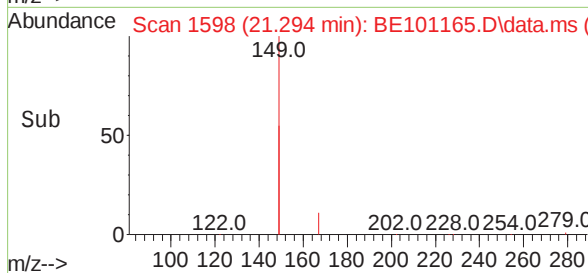
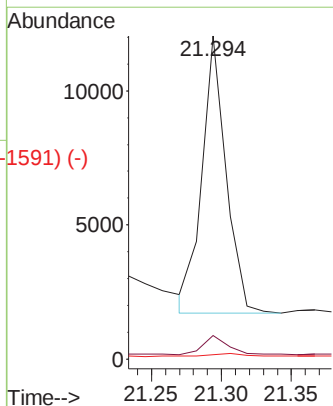
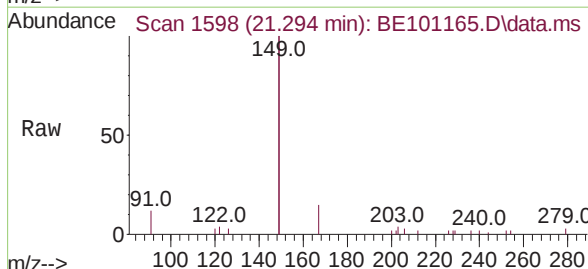


Abundance Scan 1599 (21.306 min): BE101146.D\data.ms (-1531) (-)

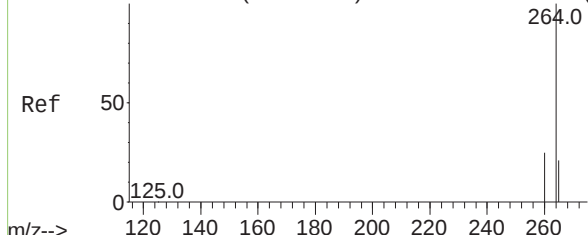
Bis(2-ethylhexyl)phthalate  
Concen: 0.20 ng  
RT: 21.294 min Scan# 1598  
Delta R.T. -0.012 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 7.6   | 5.4   | 8.2   |
| 279     | 1.7   | 0.9   | 1.3#  |



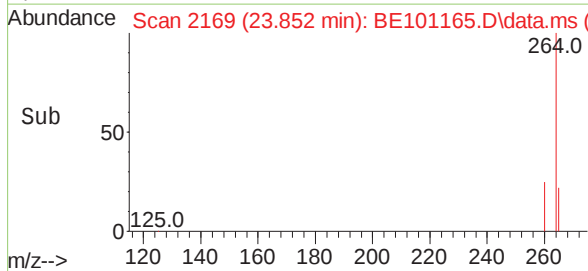
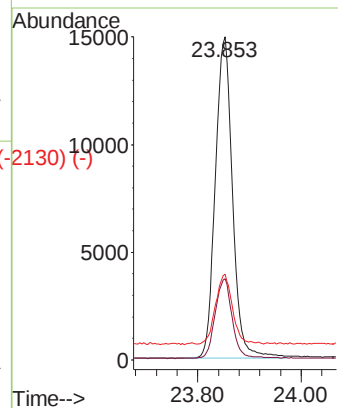
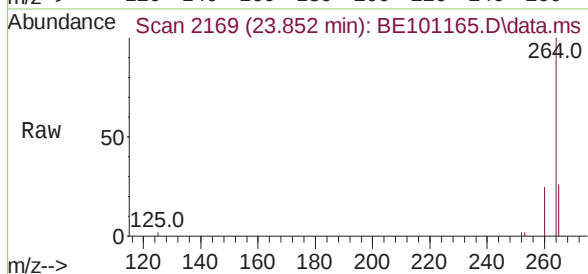
Abundance Scan 2172 (23.863 min): BE101146.D\data.ms (-2130) (-)



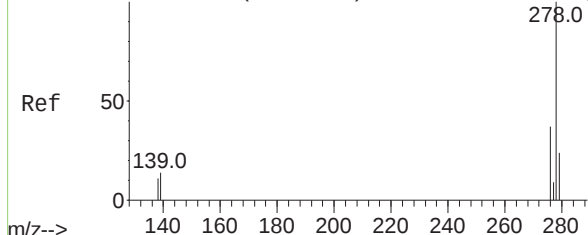
Perylene-d12  
Concen: 0.40 ng  
RT: 23.852 min Scan# 2169  
Delta R.T. -0.011 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

Instrument :  
BNA\_E  
ClientSampleId :  
RE117D2-20210325

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 34454 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 25.1  | 20.5  | 30.7  |
| 265       | 26.4  | 20.6  | 30.8  |



Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2890) (-)



Dibenzo(a,h)anthracene  
Concen: 0.11 ng  
RT: 26.494 min Scan# 2906  
Delta R.T. -0.022 min  
Lab File: BE101165.D  
Acq: 31 Mar 2021 17:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 1057  |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 47.1  | 12.0  | 18.0# |
| 279       | 56.3  | 20.2  | 30.4# |

