

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE033121\  
 Data File : BE101160.D  
 Acq On : 31 Mar 2021 13:52  
 Operator : CG/JU  
 Sample : PB135432BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135432BSD

Quant Time: Mar 31 14:36:08 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

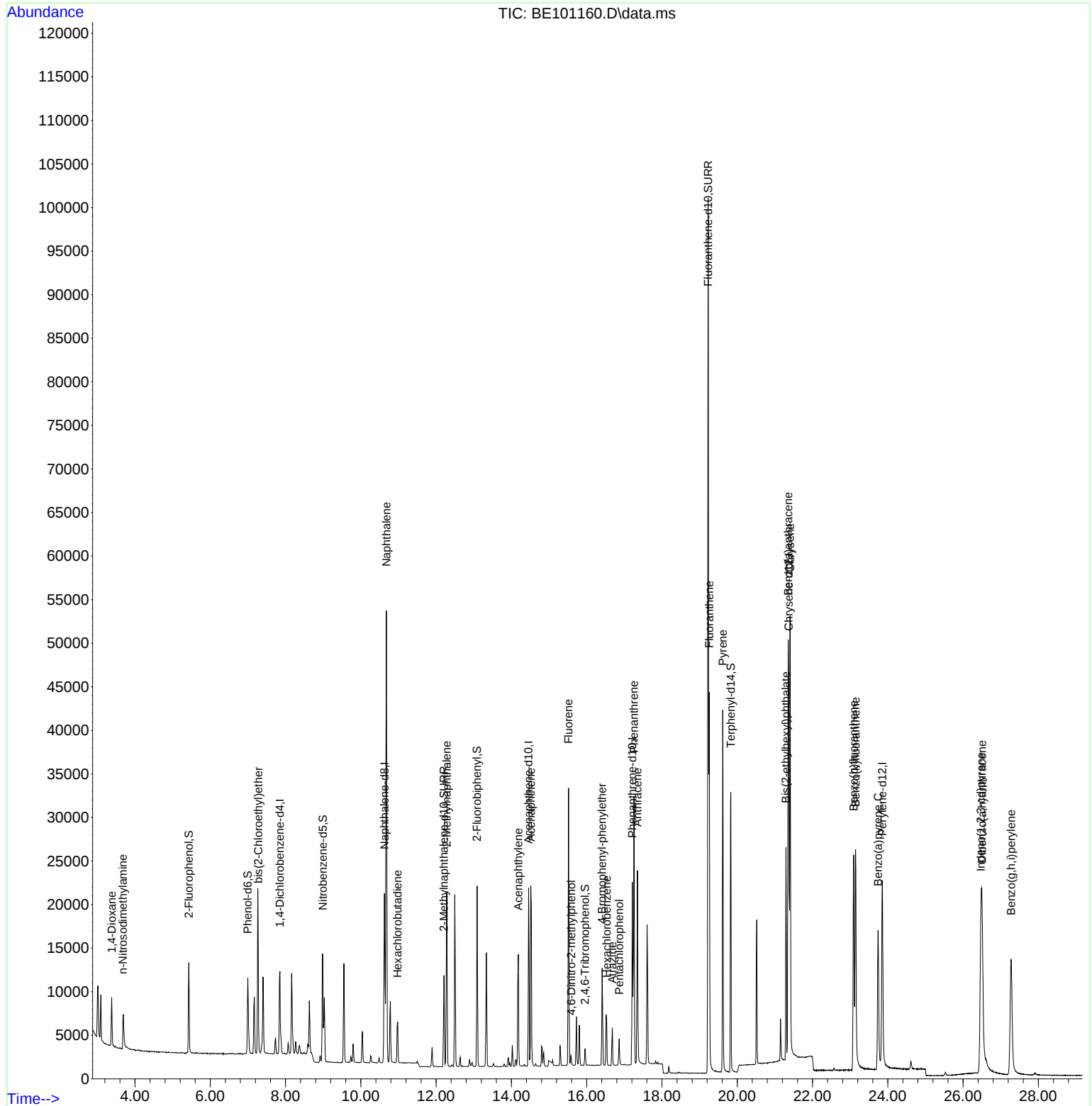
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.849  | 152  | 4691     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.628 | 136  | 19724    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.457 | 164  | 11886    | 0.40 | ng    | -0.02    |
| 19) Phenanthrene-d10          | 17.212 | 188  | 27024    | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.366 | 240  | 33480    | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.852 | 264  | 33366    | 0.40 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.431  | 112  | 5093     | 0.46 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.997  | 99   | 7482     | 0.44 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.991  | 82   | 5038     | 0.43 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.209 | 152  | 12699    | 0.39 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.957 | 330  | 1049     | 0.49 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.088 | 172  | 17637    | 0.40 | ng    | -0.02    |
| 27) Fluoranthene-d10          | 19.225 | 212  | 134585   | 0.39 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.828 | 244  | 30429    | 0.40 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.381  | 88   | 3601     | 0.47 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.680  | 42   | 3245     | 0.41 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.274  | 93   | 6089     | 0.42 | ng    | 99       |
| 9) Naphthalene                | 10.680 | 128  | 82576    | 0.41 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.978 | 225  | 3570     | 0.39 | ng    | 98       |
| 12) 2-Methylnaphthalene       | 12.281 | 142  | 13515    | 0.39 | ng    | 99       |
| 16) Acenaphthylene            | 14.183 | 152  | 16005    | 0.35 | ng    | 100      |
| 17) Acenaphthene              | 14.514 | 154  | 13010    | 0.40 | ng    | 97       |
| 18) Fluorene                  | 15.518 | 166  | 16068    | 0.37 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.594 | 198  | 875      | 0.64 | ng    | # 81     |
| 21) 4-Bromophenyl-phenylether | 16.410 | 248  | 5219     | 0.43 | ng    | # 74     |
| 22) Hexachlorobenzene         | 16.531 | 284  | 5496     | 0.42 | ng    | 98       |
| 23) Atrazine                  | 16.683 | 200  | 3524     | 0.47 | ng    | # 92     |
| 24) Pentachlorophenol         | 16.864 | 266  | 1548     | 0.44 | ng    | 99       |
| 25) Phenanthrene              | 17.257 | 178  | 30922    | 0.41 | ng    | 99       |
| 26) Anthracene                | 17.348 | 178  | 23545    | 0.37 | ng    | 99       |
| 28) Fluoranthene              | 19.254 | 202  | 37257    | 0.39 | ng    | 99       |
| 30) Pyrene                    | 19.616 | 202  | 37871    | 0.38 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.354 | 228  | 35295    | 0.41 | ng    | 97       |
| 33) Chrysene                  | 21.403 | 228  | 44521    | 0.43 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.294 | 149  | 27500    | 0.49 | ng    | 99       |
| 35) Indeno(1,2,3-cd)pyrene    | 26.470 | 276  | 38816    | 0.57 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.093 | 252  | 36652    | 0.42 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.142 | 252  | 41095    | 0.37 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.741 | 252  | 29813    | 0.36 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.506 | 278  | 32596    | 0.48 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.277 | 276  | 36653    | 0.44 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

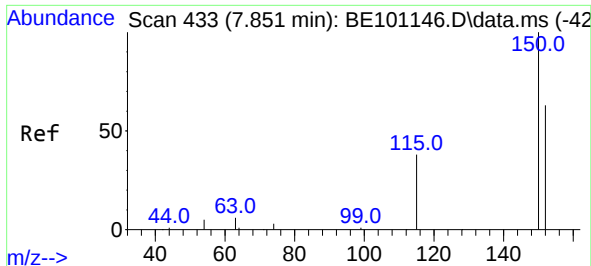
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE033121\  
Data File : BE101160.D  
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Operator : CG/JU  
Sample : PB135432BSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Quant Time: Mar 31 14:36:08 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  
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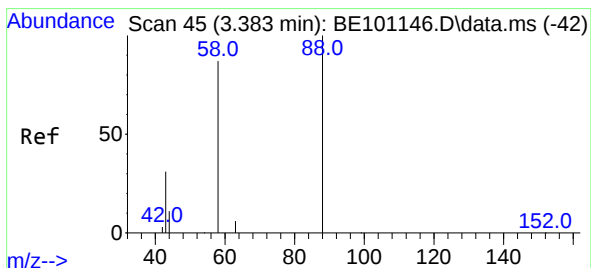
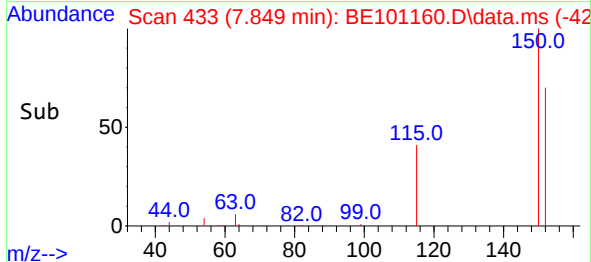
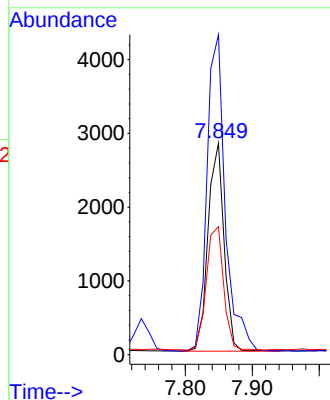
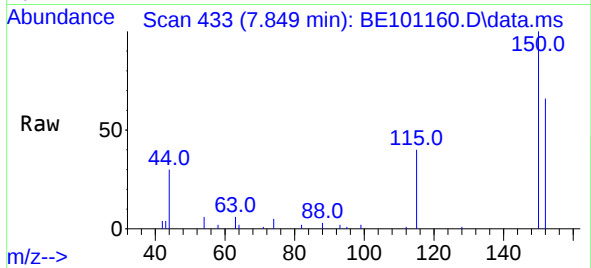


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.849 min Scan# 433  
 Delta R.T. -0.002 min  
 Lab File: BE101160.D  
 Acq: 31 Mar 2021 13:52

Instrument :  
 BNA\_E  
 ClientSampleID :  
 PB135432BSD

Tgt Ion: 152 Resp: 4691

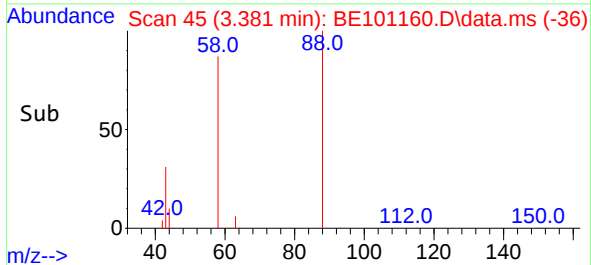
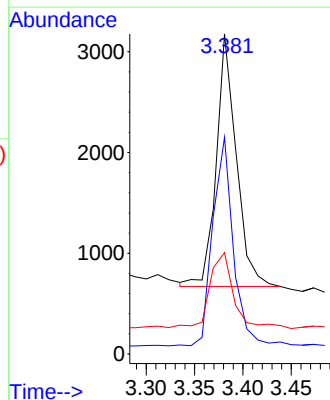
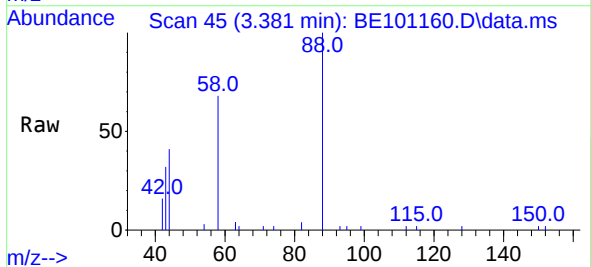
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 151.3 | 126.3 | 189.5 |
| 115 | 60.6  | 48.9  | 73.3  |



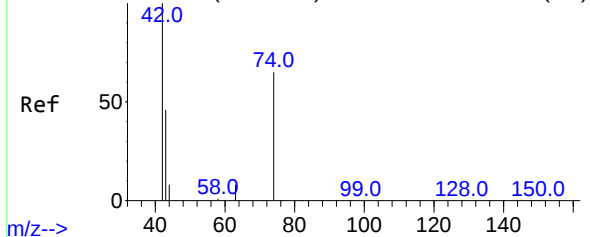
#2  
 1,4-Dioxane  
 Concen: 0.47 ng  
 RT: 3.381 min Scan# 45  
 Delta R.T. -0.002 min  
 Lab File: BE101160.D  
 Acq: 31 Mar 2021 13:52

Tgt Ion: 88 Resp: 3601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 58  | 84.2  | 68.5  | 102.7 |
| 43  | 32.6  | 27.2  | 40.8  |

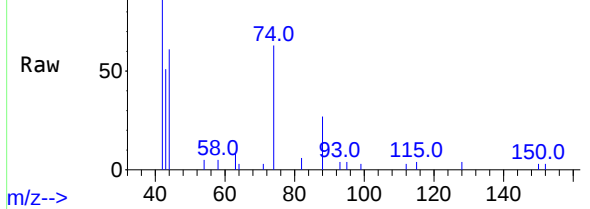


Abundance Scan 71 (3.682 min): BE101146.D\data.ms (-67)



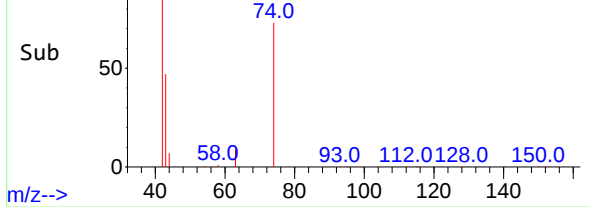
m/z-->

Abundance Scan 71 (3.680 min): BE101160.D\data.ms



m/z-->

Abundance Scan 71 (3.680 min): BE101160.D\data.ms (-62)

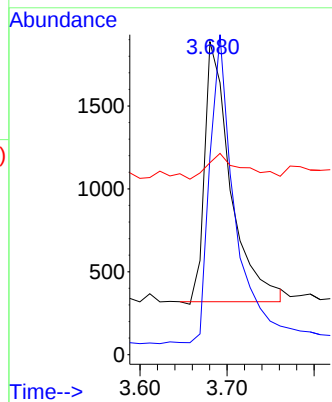


m/z-->

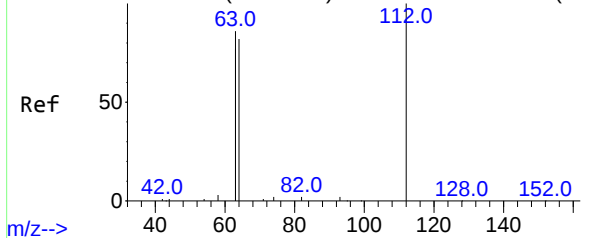
#3

n-Nitrosodimethylamine  
Concen: 0.41 ng  
RT: 3.680 min Scan# 71  
Delta R.T. -0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 3245  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 115.2 | 87.0  | 130.6 |
| 44       | 13.1  | 8.3   | 12.5  |

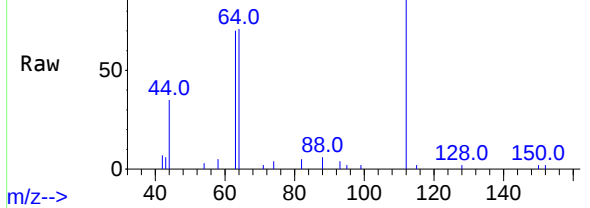


Abundance Scan 223 (5.433 min): BE101146.D\data.ms (-21)



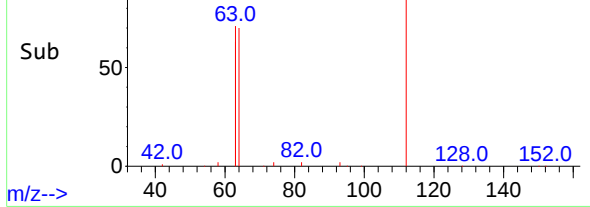
m/z-->

Abundance Scan 223 (5.431 min): BE101160.D\data.ms



m/z-->

Abundance Scan 223 (5.431 min): BE101160.D\data.ms (-20)

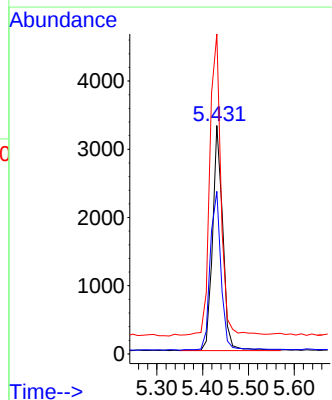


m/z-->

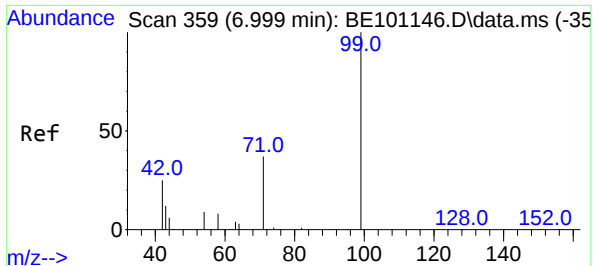
#4

2-Fluorophenol  
Concen: 0.46 ng  
RT: 5.431 min Scan# 223  
Delta R.T. -0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 5093  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 74.5  | 60.8  | 91.2  |
| 63       | 148.2 | 119.4 | 179.0 |



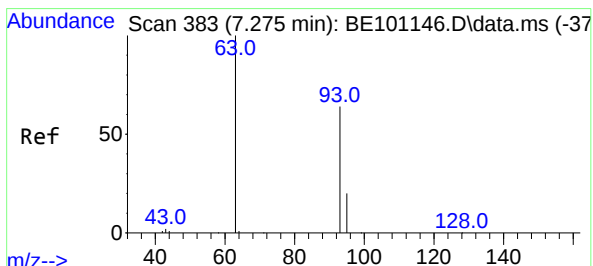
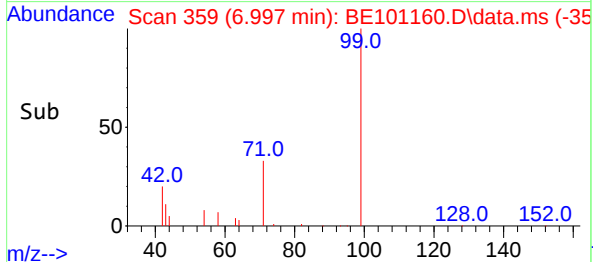
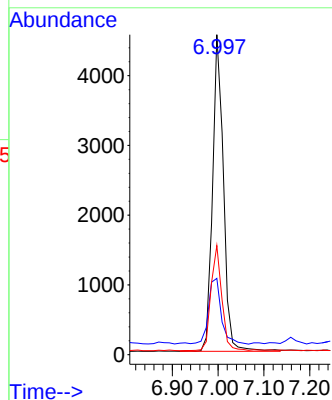
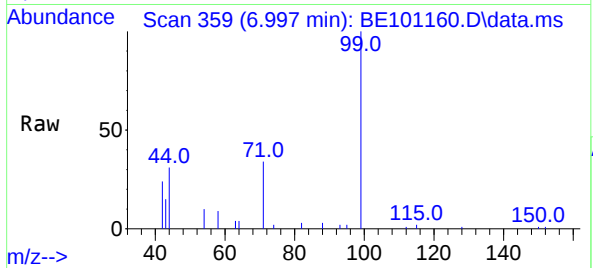
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD



#5  
Phenol-d6  
Concen: 0.44 ng  
RT: 6.997 min Scan# 359  
Delta R.T. -0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

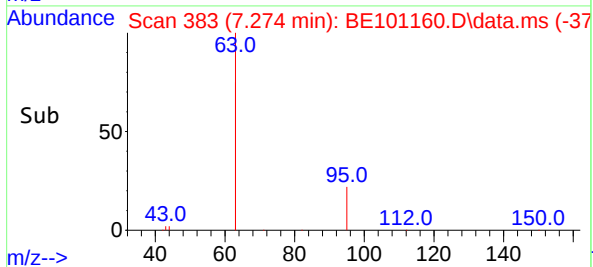
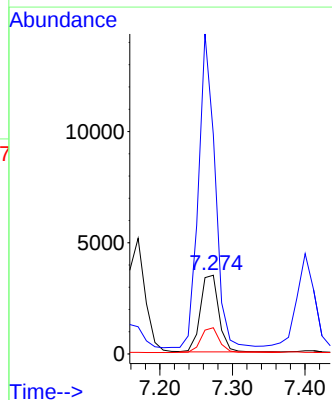
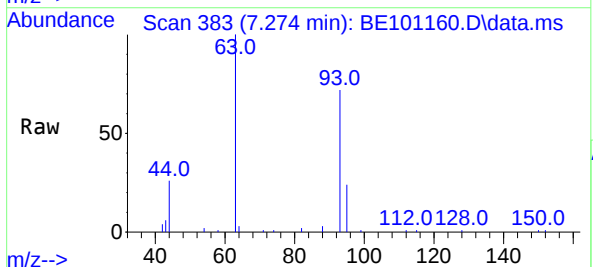
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

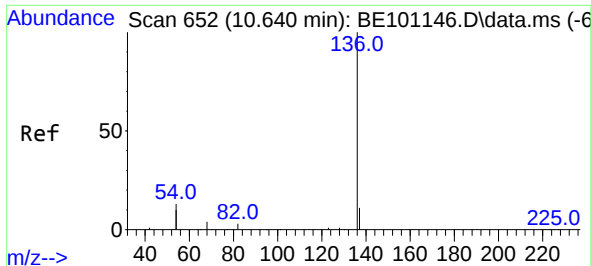
Tgt Ion: 99 Resp: 7482  
Ion Ratio Lower Upper  
99 100  
42 24.6 18.8 28.2  
71 32.9 26.3 39.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.42 ng  
RT: 7.274 min Scan# 383  
Delta R.T. -0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion: 93 Resp: 6089  
Ion Ratio Lower Upper  
93 100  
63 367.8 292.5 438.7  
95 32.6 25.8 38.6

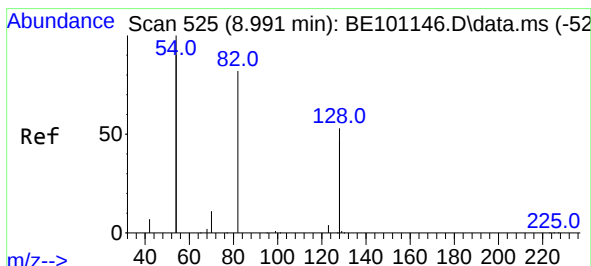
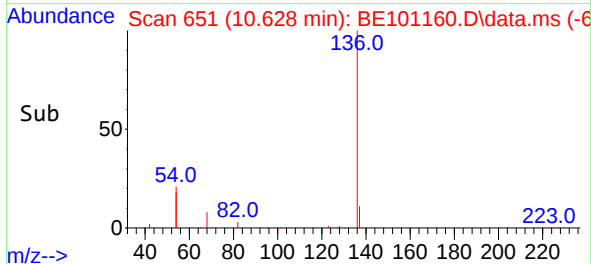
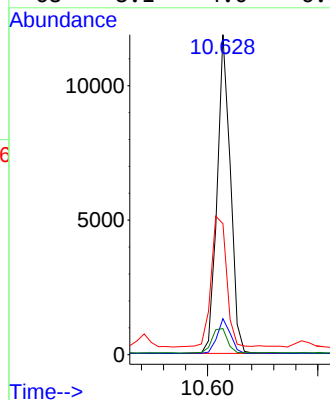
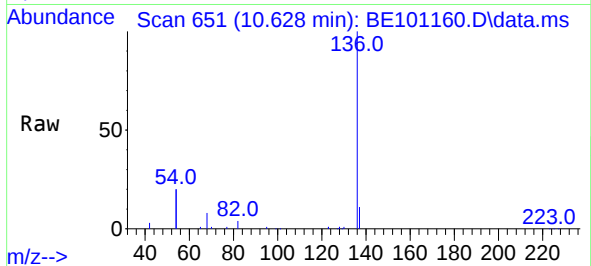




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.628 min Scan# 651  
Delta R.T. -0.013 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

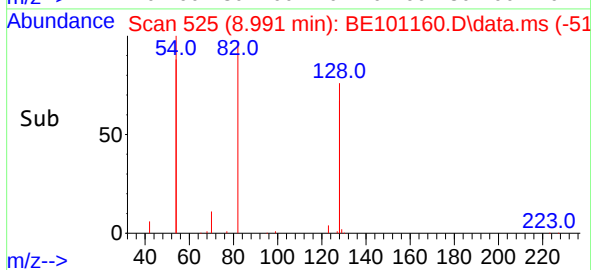
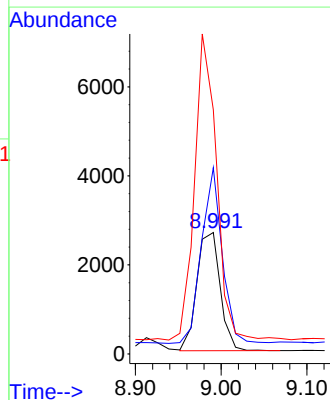
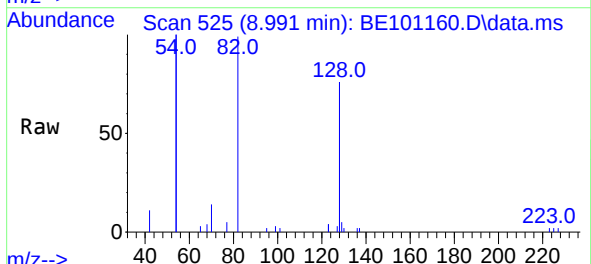
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BNA\_E  
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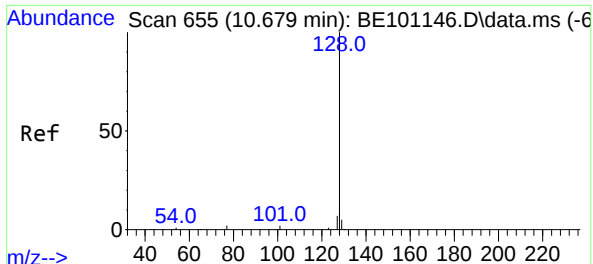
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19724 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 8.9   | 13.3  |
| 54        | 41.0  | 20.2  | 30.4# |
| 68        | 8.1   | 4.0   | 6.0#  |



#8  
Nitrobenzene-d5  
Concen: 0.43 ng  
RT: 8.991 min Scan# 525  
Delta R.T. 0.000 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 5038   |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 153.2 | 101.5 | 152.3# |
| 54        | 201.0 | 189.8 | 284.6  |



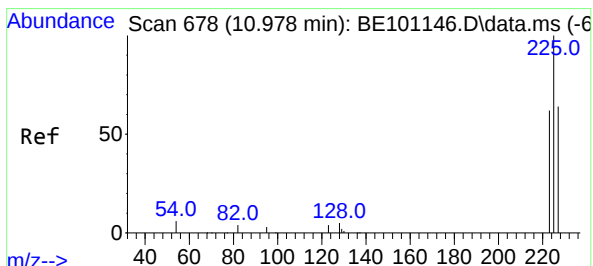
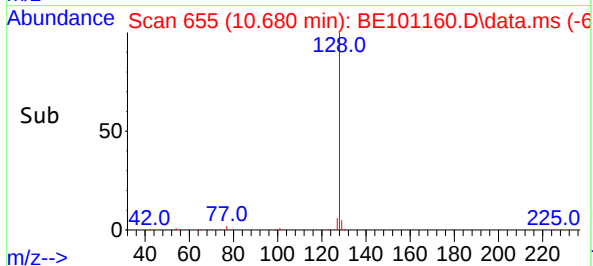
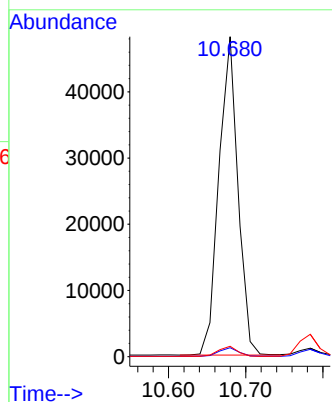
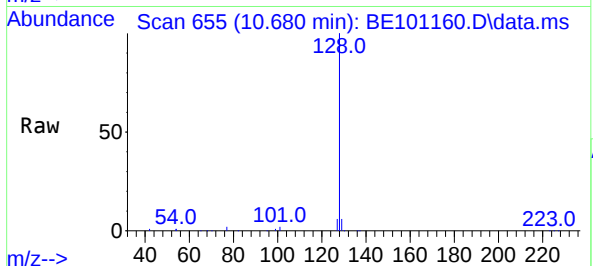


#9  
Naphthalene  
Concen: 0.41 ng  
RT: 10.680 min Scan# 655  
Delta R.T. 0.000 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

Tgt Ion:128 Resp: 82576

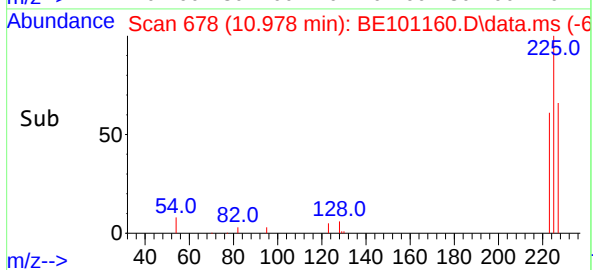
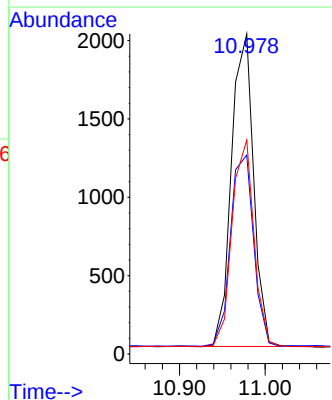
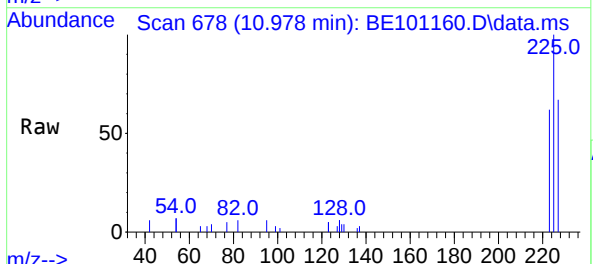
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 2.8   | 2.2   | 3.2   |
| 127 | 3.2   | 2.7   | 4.1   |

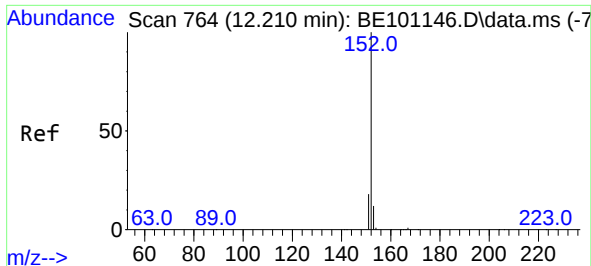


#10  
Hexachlorobutadiene  
Concen: 0.39 ng  
RT: 10.978 min Scan# 678  
Delta R.T. 0.000 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:225 Resp: 3570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 64.3  | 50.1  | 75.1  |
| 227 | 65.3  | 51.7  | 77.5  |

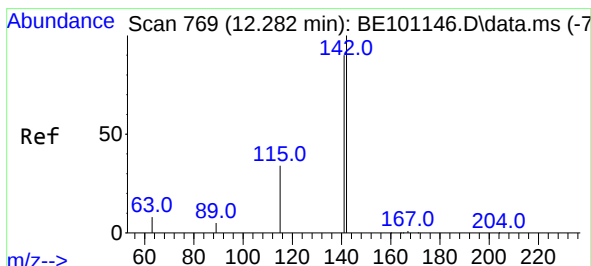
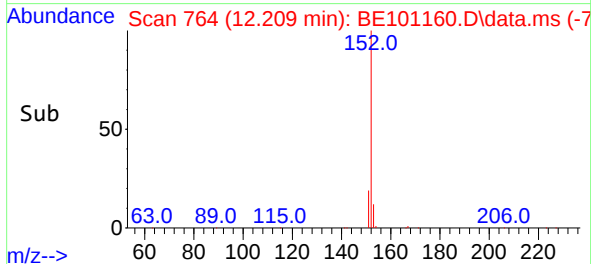
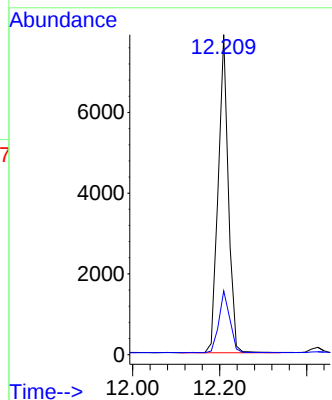
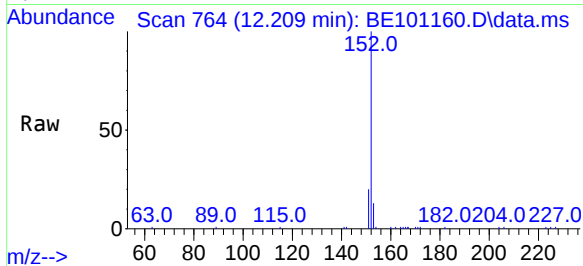




#11  
2-Methylnaphthalene-d10  
Concen: 0.39 ng  
RT: 12.209 min Scan# 764  
Delta R.T. -0.001 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

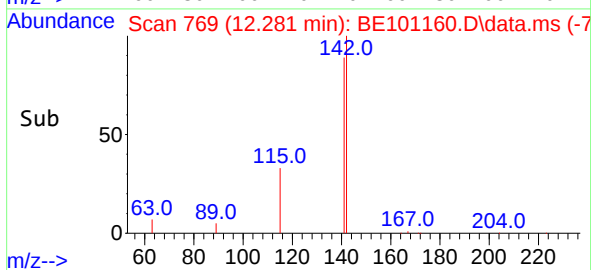
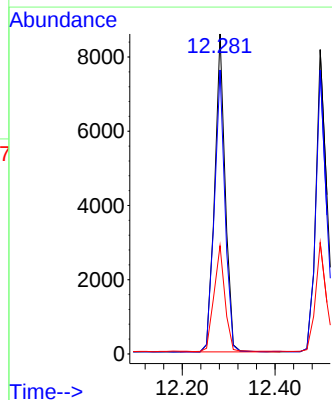
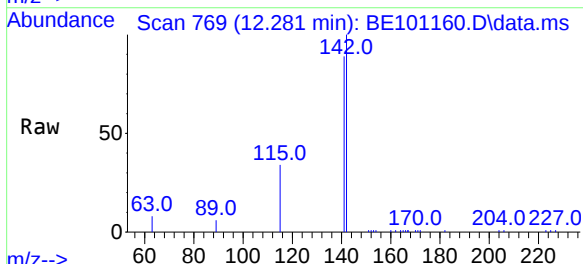
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

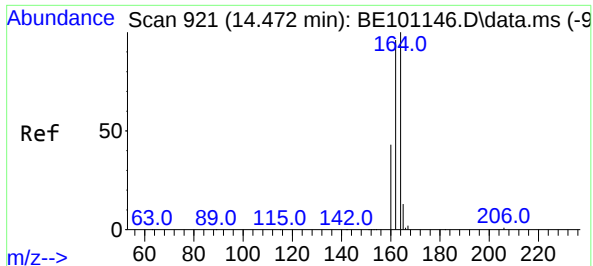
Tgt Ion:152 Resp: 12699  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.6 24.8



#12  
2-Methylnaphthalene  
Concen: 0.39 ng  
RT: 12.281 min Scan# 769  
Delta R.T. -0.001 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:142 Resp: 13515  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.8 107.6  
115 33.8 27.8 41.6

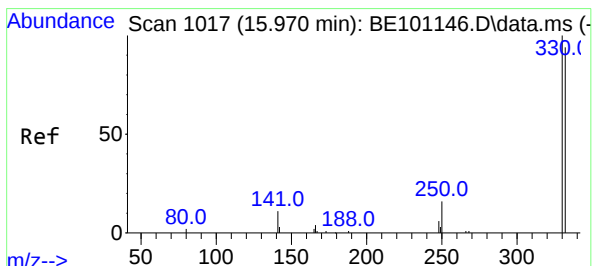
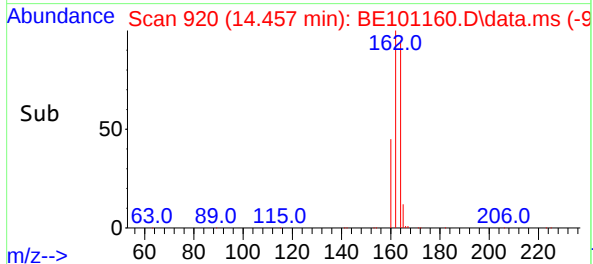
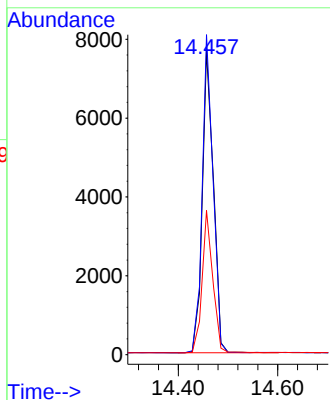
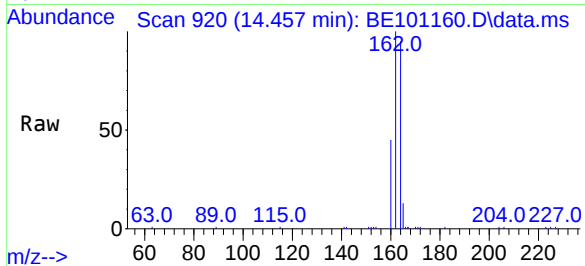




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.457 min Scan# 920  
Delta R.T. -0.015 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

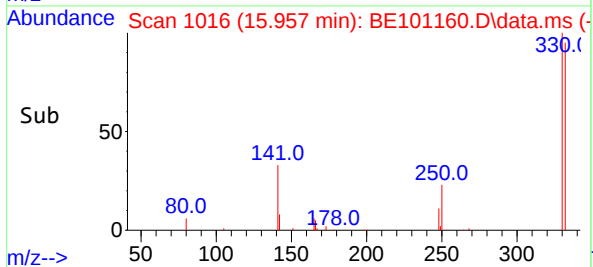
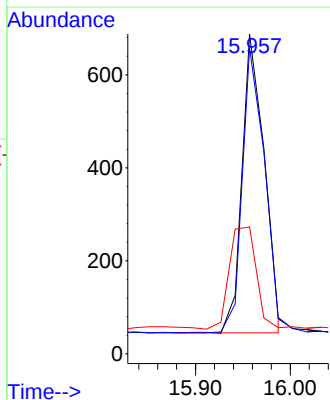
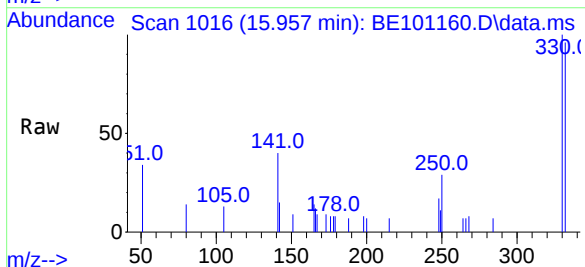
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

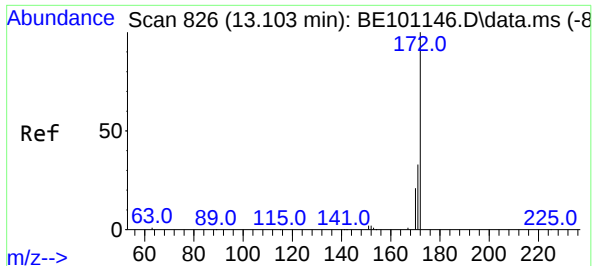
Tgt Ion:164 Resp: 11886  
Ion Ratio Lower Upper  
164 100  
162 105.5 76.6 115.0  
160 47.5 34.5 51.7



#14  
2,4,6-Tribromophenol  
Concen: 0.49 ng  
RT: 15.957 min Scan# 1016  
Delta R.T. -0.014 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:330 Resp: 1049  
Ion Ratio Lower Upper  
330 100  
332 94.9 69.1 103.7  
141 41.3 30.6 45.8

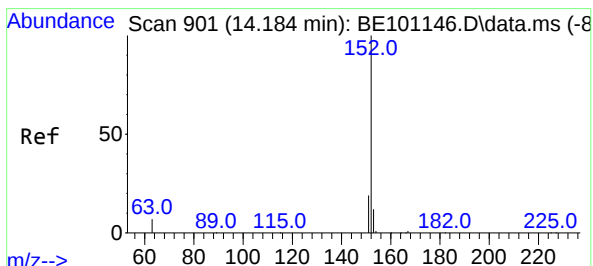
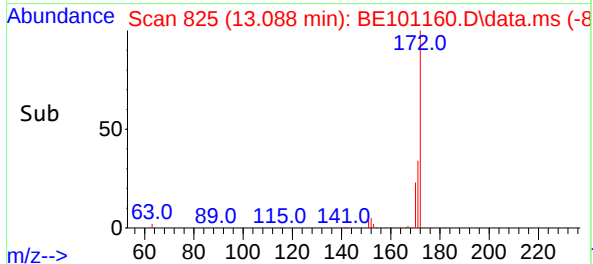
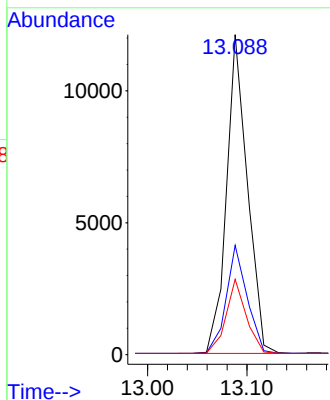
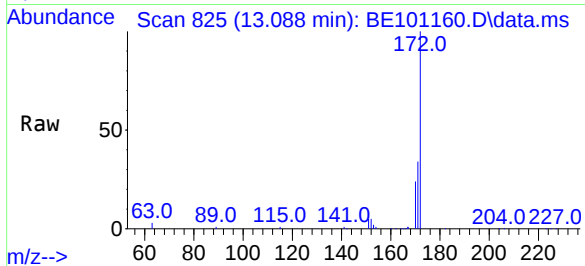




#15  
2-Fluorobiphenyl  
Concen: 0.40 ng  
RT: 13.088 min Scan# 825  
Delta R.T. -0.015 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

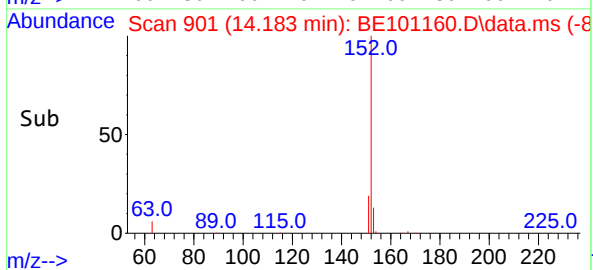
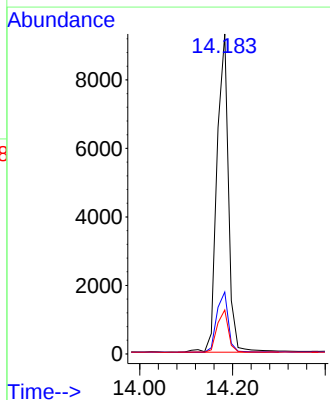
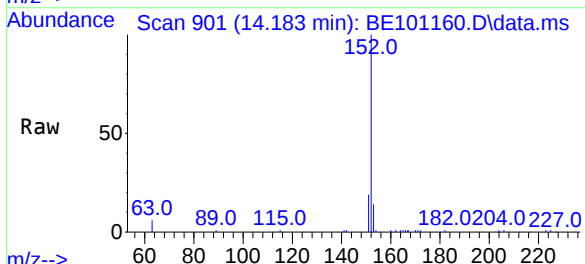
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

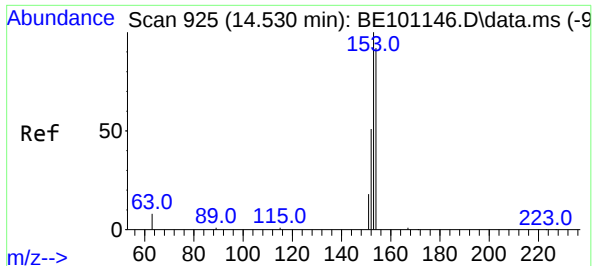
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 17637 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.2  | 26.4  | 39.6  |
| 170      | 23.6  | 17.4  | 26.0  |



#16  
Acenaphthylene  
Concen: 0.35 ng  
RT: 14.183 min Scan# 901  
Delta R.T. -0.001 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 16005 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.2  | 15.4  | 23.0  |
| 153      | 13.3  | 10.3  | 15.5  |





#17

Acenaphthene

Concen: 0.40 ng

RT: 14.514 min Scan# 924

Delta R.T. -0.015 min

Lab File: BE101160.D

Acq: 31 Mar 2021 13:52

Tgt Ion:154 Resp: 13010

Ion Ratio Lower Upper

154 100

153 106.6 86.7 130.1

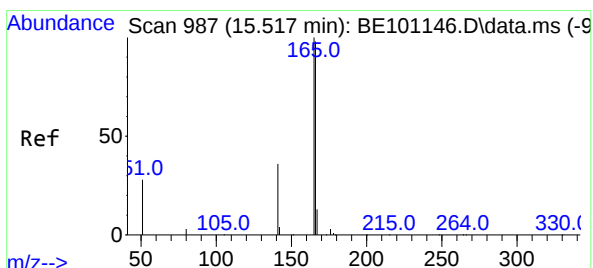
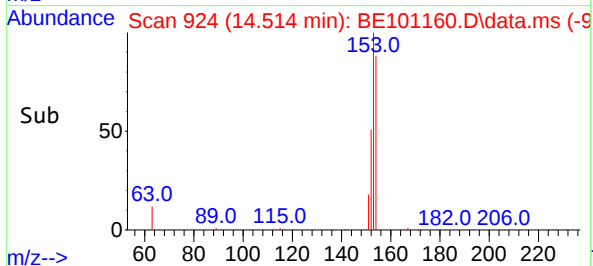
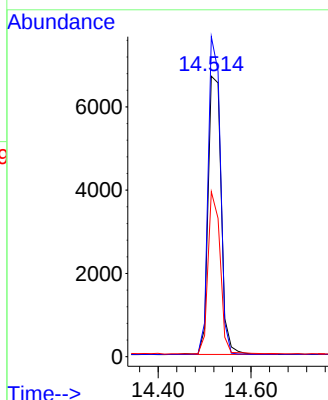
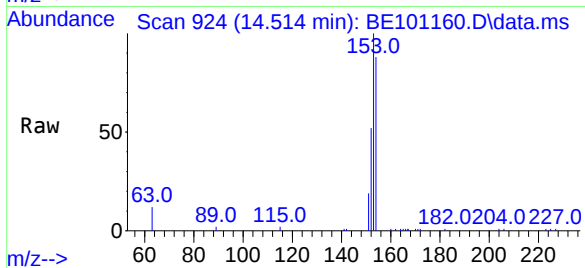
152 54.3 46.1 69.1

Instrument :

BNA\_E

ClientSampleId :

PB135432BSD



#18

Fluorene

Concen: 0.37 ng

RT: 15.518 min Scan# 987

Delta R.T. 0.002 min

Lab File: BE101160.D

Acq: 31 Mar 2021 13:52

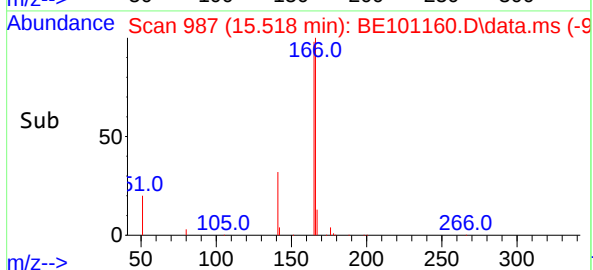
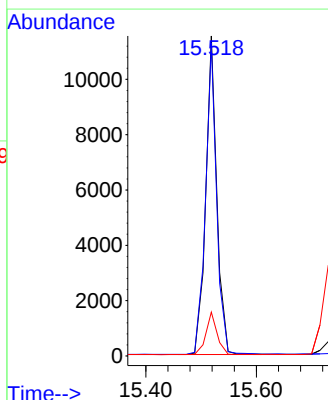
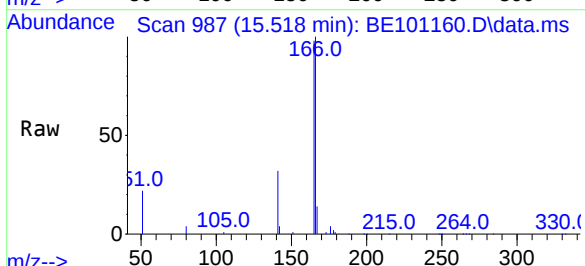
Tgt Ion:166 Resp: 16068

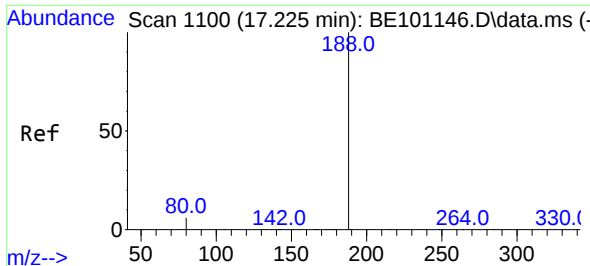
Ion Ratio Lower Upper

166 100

165 97.7 78.9 118.3

167 13.4 10.7 16.1

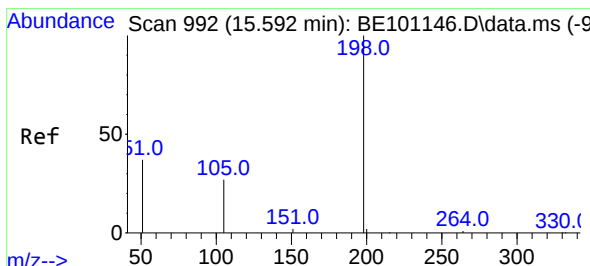
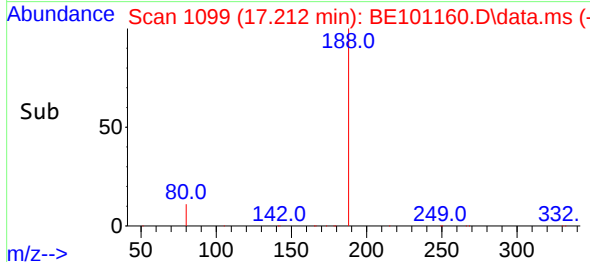
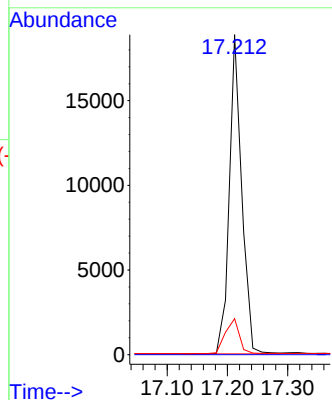
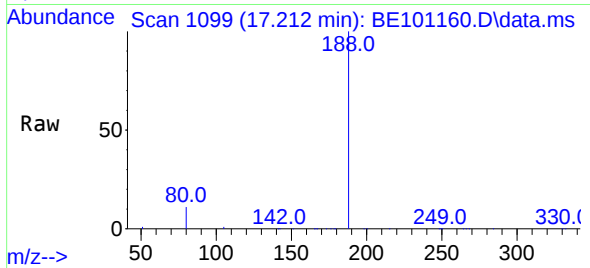




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.212 min Scan# 1099  
Delta R.T. -0.014 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

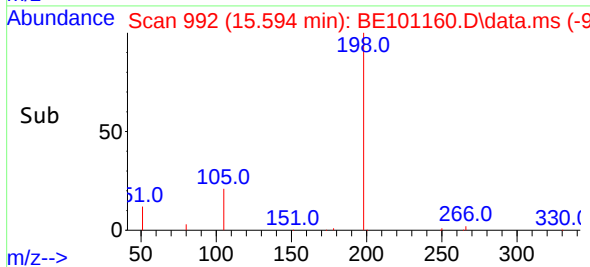
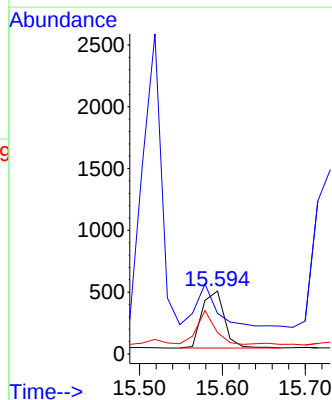
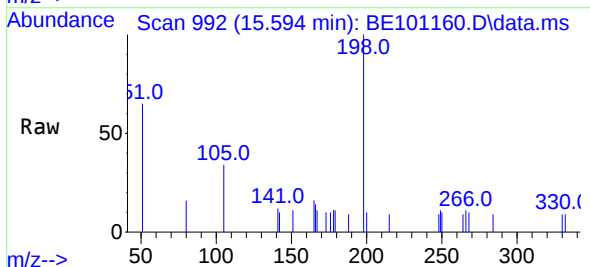
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

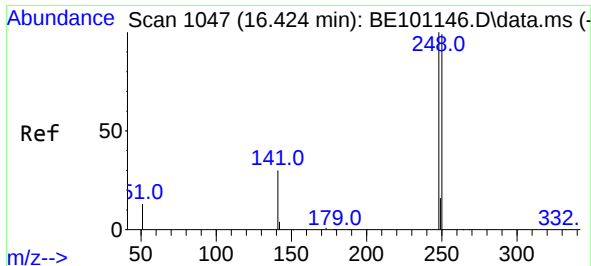
Tgt Ion:188 Resp: 27024  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.2 4.8 7.2#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.64 ng  
RT: 15.594 min Scan# 992  
Delta R.T. 0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:198 Resp: 875  
Ion Ratio Lower Upper  
198 100  
51 64.6 68.8 103.2#  
105 34.1 32.7 49.1

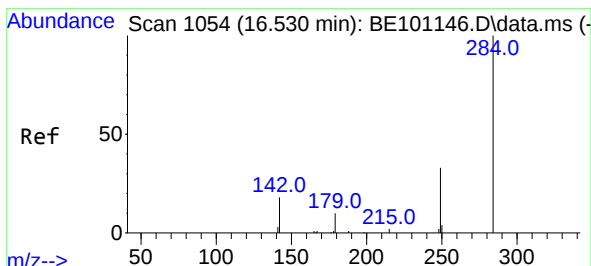
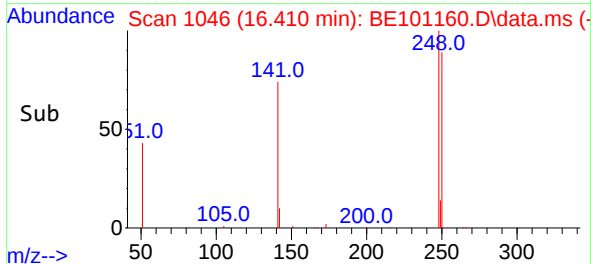
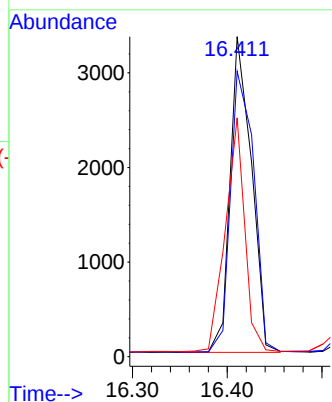
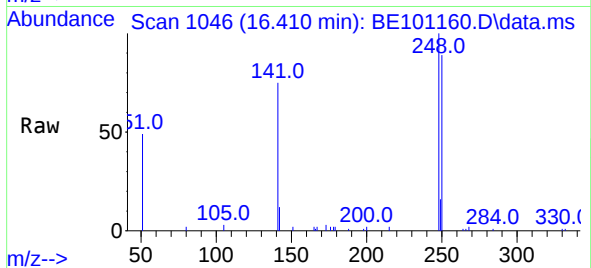




#21  
4-Bromophenyl-phenylether  
Concen: 0.43 ng  
RT: 16.410 min Scan# 1046  
Delta R.T. -0.014 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

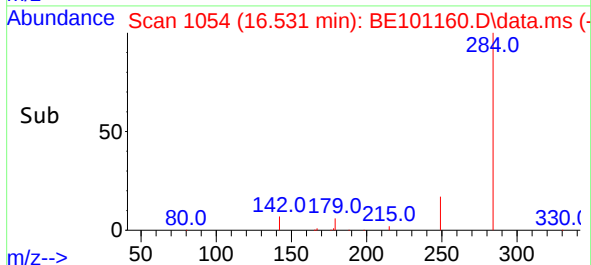
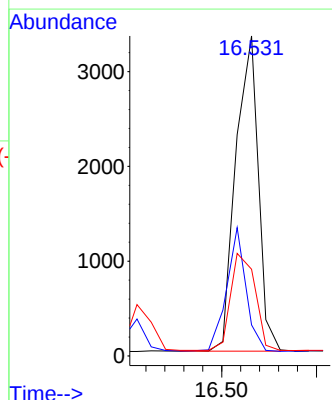
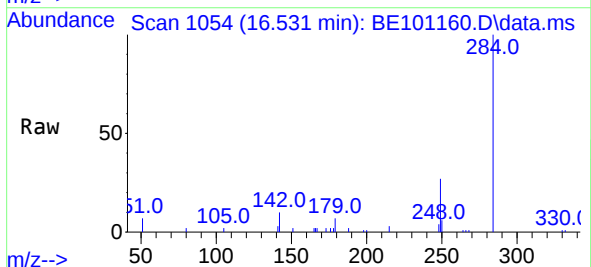
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

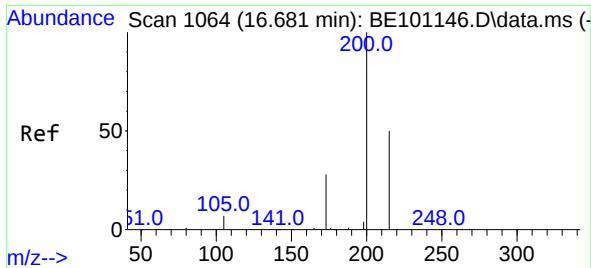
Tgt Ion:248 Resp: 5219  
Ion Ratio Lower Upper  
248 100  
250 89.2 79.0 118.6  
141 74.6 24.9 37.3#



#22  
Hexachlorobenzene  
Concen: 0.42 ng  
RT: 16.531 min Scan# 1054  
Delta R.T. 0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:284 Resp: 5496  
Ion Ratio Lower Upper  
284 100  
142 33.8 28.3 42.5  
249 33.4 27.1 40.7

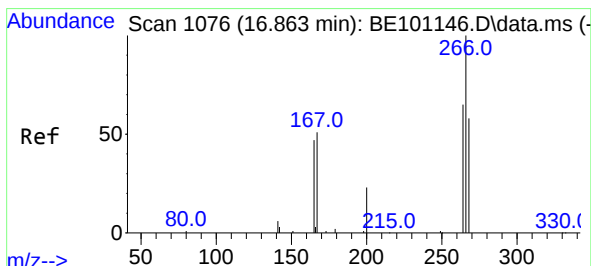
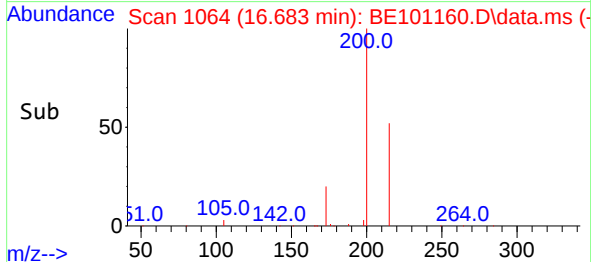
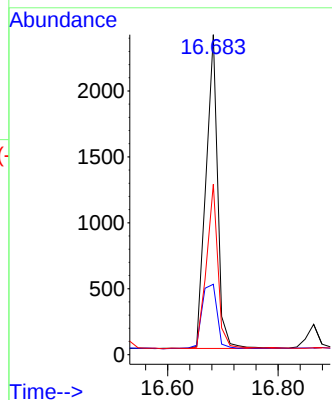
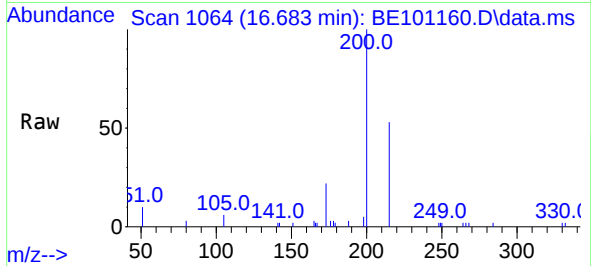




#23  
Atrazine  
Concen: 0.47 ng  
RT: 16.683 min Scan# 1064  
Delta R.T. 0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

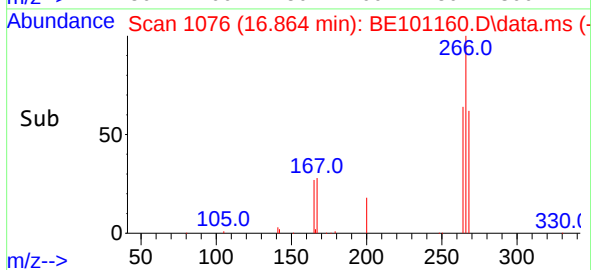
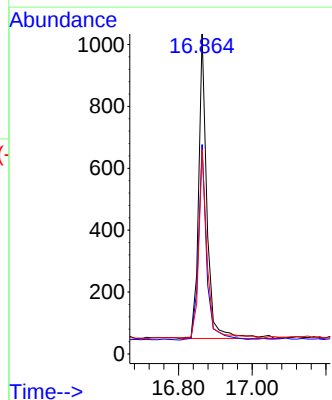
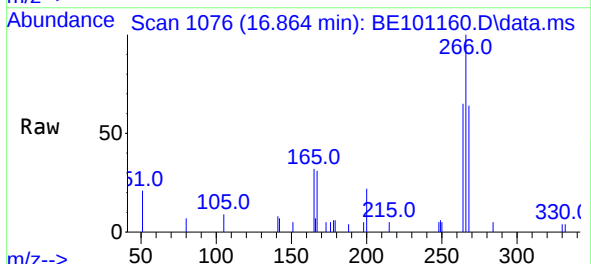
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

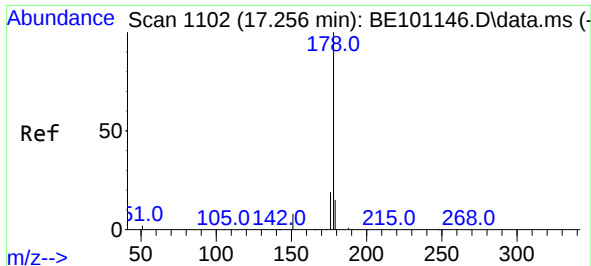
Tgt Ion:200 Resp: 3524  
Ion Ratio Lower Upper  
200 100  
173 22.0 23.9 35.9#  
215 53.2 40.6 61.0



#24  
Pentachlorophenol  
Concen: 0.44 ng  
RT: 16.864 min Scan# 1076  
Delta R.T. 0.001 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:266 Resp: 1548  
Ion Ratio Lower Upper  
266 100  
264 63.0 51.4 77.0  
268 61.8 49.9 74.9

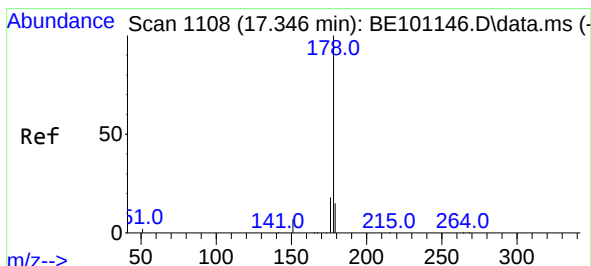
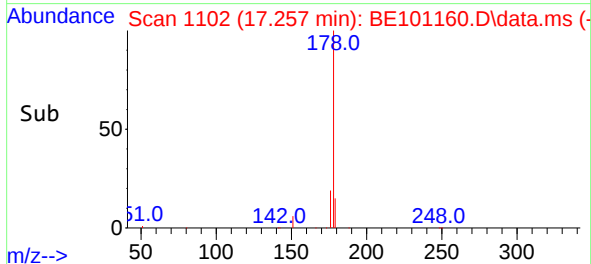
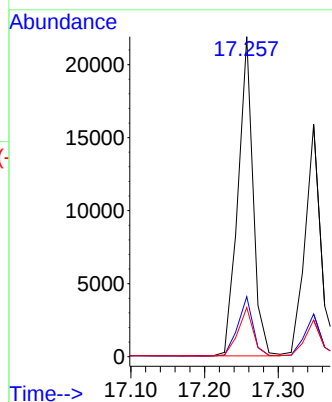
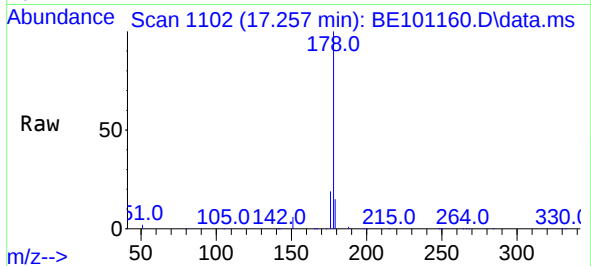




#25  
Phenanthrene  
Concen: 0.41 ng  
RT: 17.257 min Scan# 1102  
Delta R.T. 0.001 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

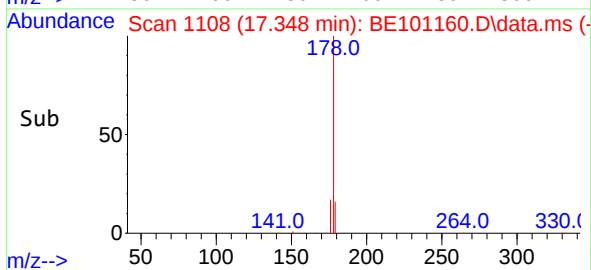
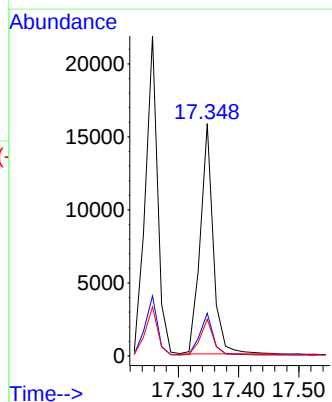
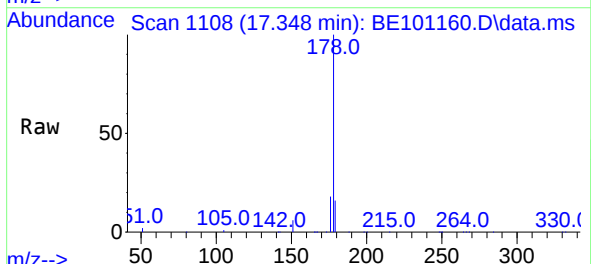
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

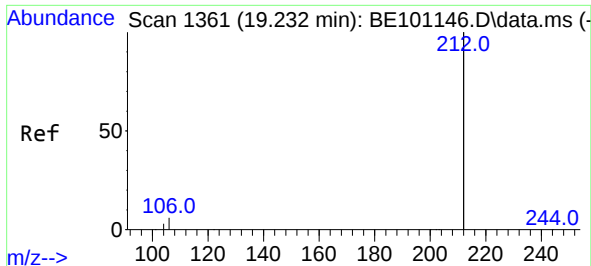
Tgt Ion:178 Resp: 30922  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 15.2 12.4 18.6



#26  
Anthracene  
Concen: 0.37 ng  
RT: 17.348 min Scan# 1108  
Delta R.T. 0.002 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:178 Resp: 23545  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.4 21.6  
179 15.7 12.2 18.4

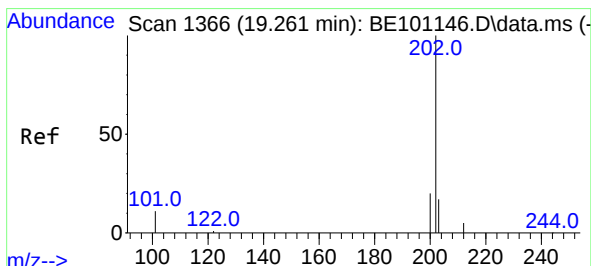
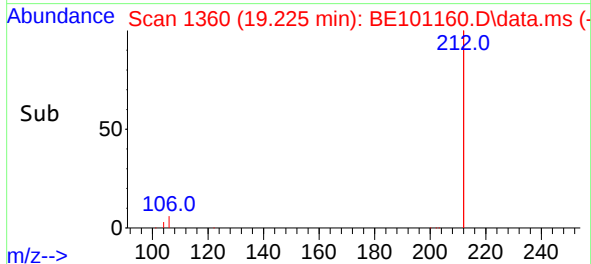
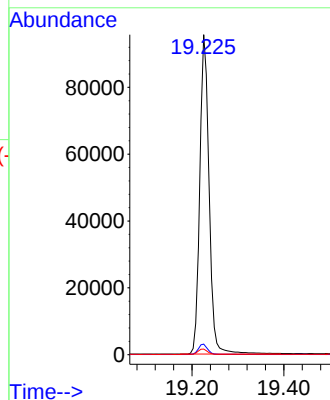
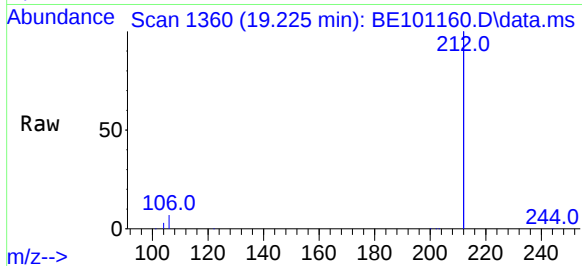




#27  
Fluoranthene-d10  
Concen: 0.39 ng  
RT: 19.225 min Scan# 1360  
Delta R.T. -0.006 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

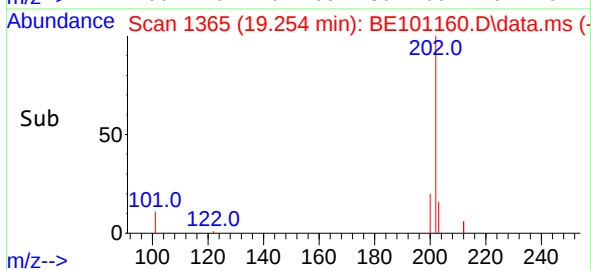
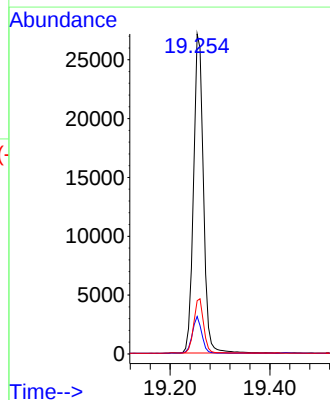
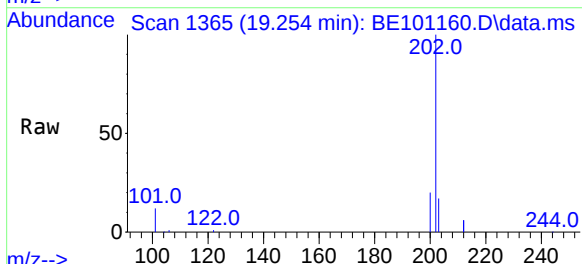
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

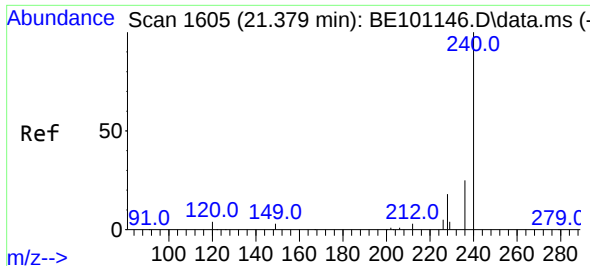
Tgt Ion:212 Resp: 134585  
Ion Ratio Lower Upper  
212 100  
106 3.3 2.6 3.8  
104 1.8 1.4 2.2



#28  
Fluoranthene  
Concen: 0.39 ng  
RT: 19.254 min Scan# 1365  
Delta R.T. -0.007 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:202 Resp: 37257  
Ion Ratio Lower Upper  
202 100  
101 11.2 8.9 13.3  
203 16.9 13.8 20.6

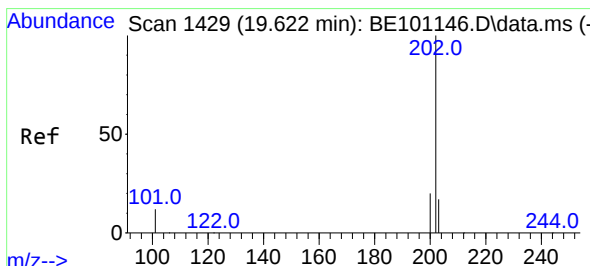
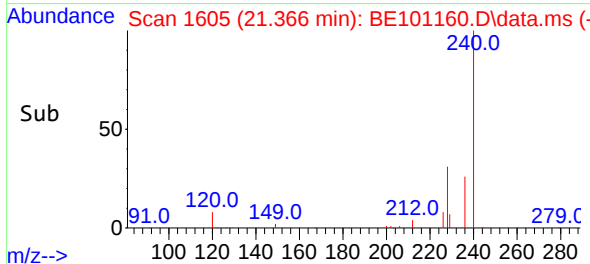
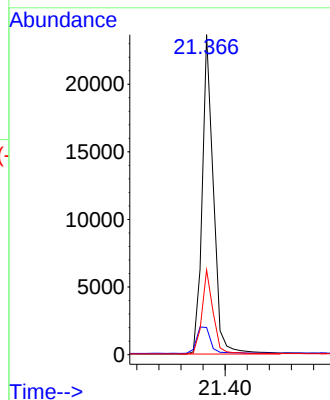
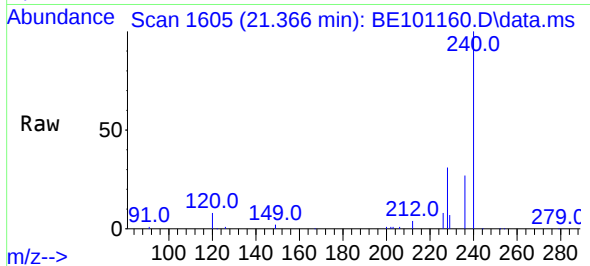




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.366 min Scan# 1605  
Delta R.T. -0.012 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

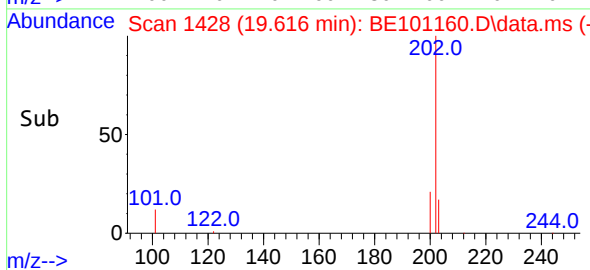
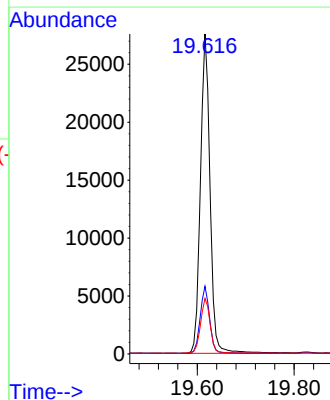
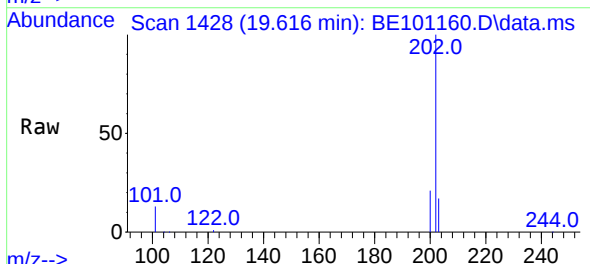
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

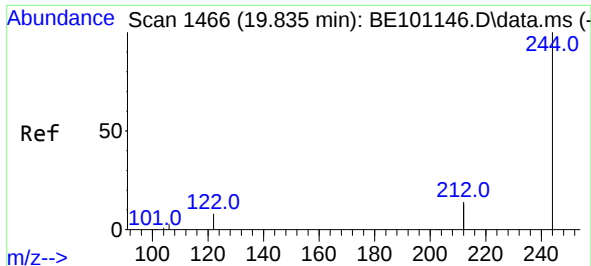
Tgt Ion:240 Resp: 33480  
Ion Ratio Lower Upper  
240 100  
120 8.5 4.1 6.1#  
236 26.5 20.3 30.5



#30  
Pyrene  
Concen: 0.38 ng  
RT: 19.616 min Scan# 1428  
Delta R.T. -0.006 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:202 Resp: 37871  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.2 24.2  
203 17.4 13.9 20.9

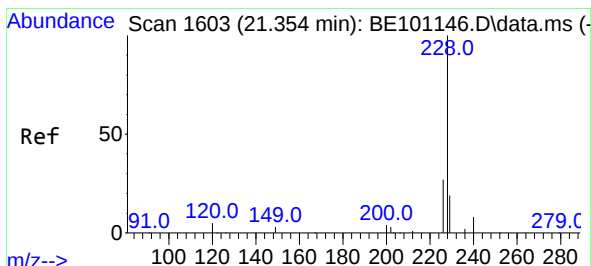
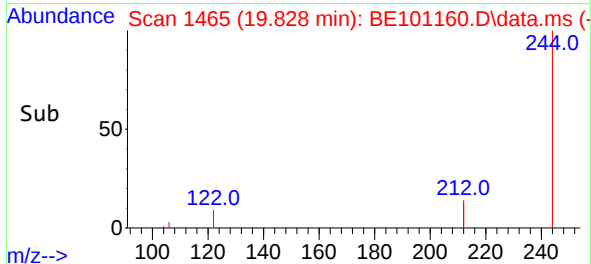
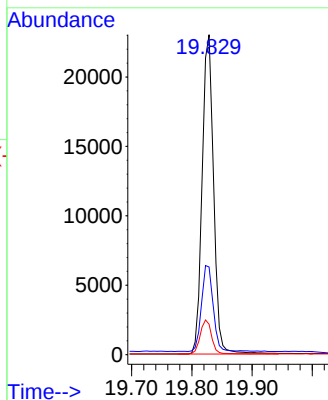
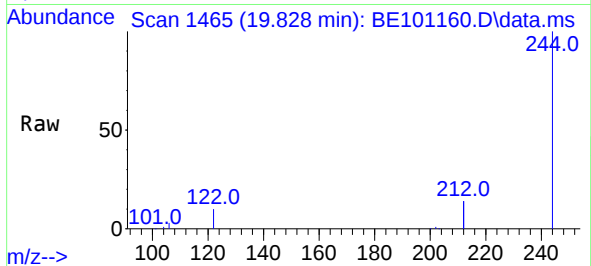




#31  
 Terphenyl-d14  
 Concen: 0.40 ng  
 RT: 19.828 min Scan# 1465  
 Delta R.T. -0.006 min  
 Lab File: BE101160.D  
 Acq: 31 Mar 2021 13:52

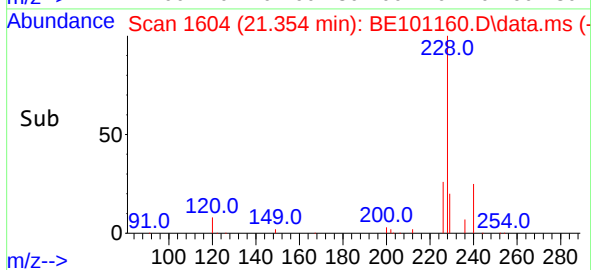
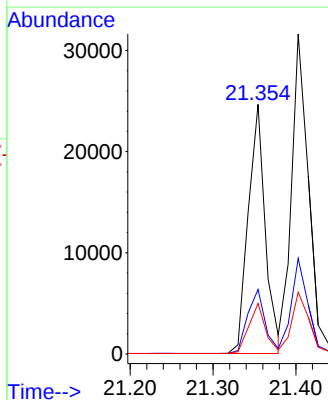
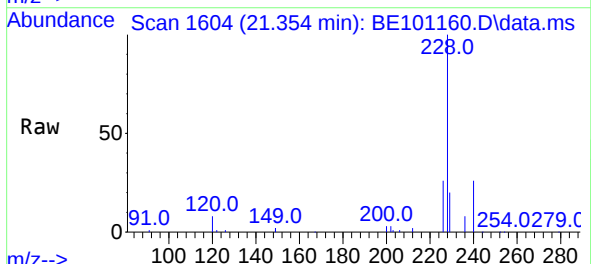
Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB135432BSD

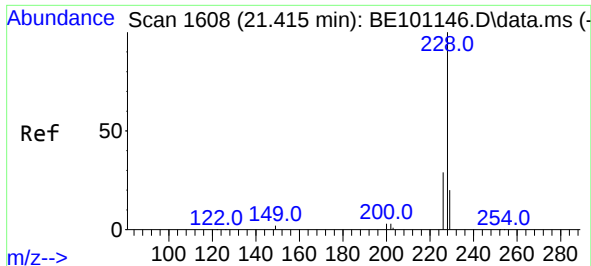
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 30429     |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 27.4  | 21.7 32.5 |
| 122         | 9.5   | 6.6 10.0  |



#32  
 Benzo(a)anthracene  
 Concen: 0.41 ng  
 RT: 21.354 min Scan# 1604  
 Delta R.T. 0.000 min  
 Lab File: BE101160.D  
 Acq: 31 Mar 2021 13:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 35295     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 25.9  | 21.8 32.8 |
| 229         | 20.3  | 15.4 23.0 |

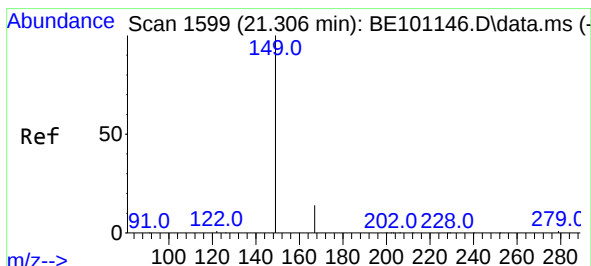
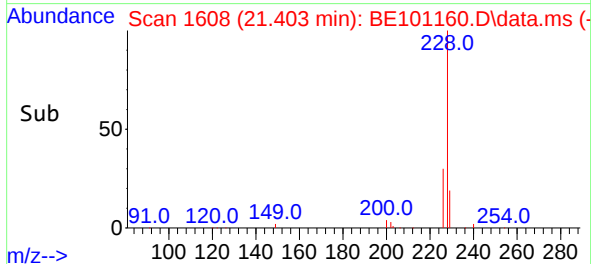
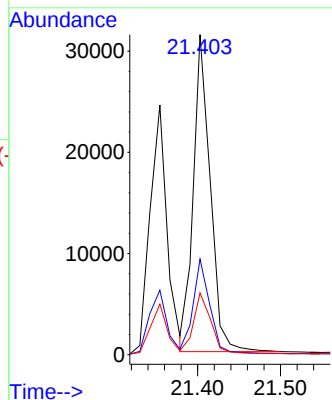
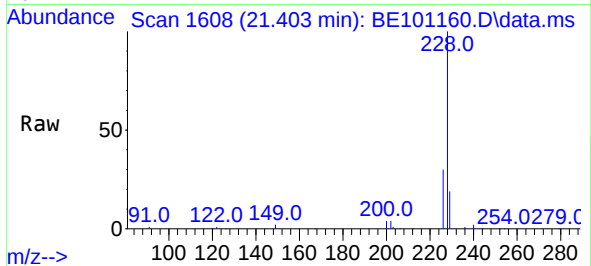




#33  
Chrysene  
Concen: 0.43 ng  
RT: 21.403 min Scan# 1608  
Delta R.T. -0.012 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

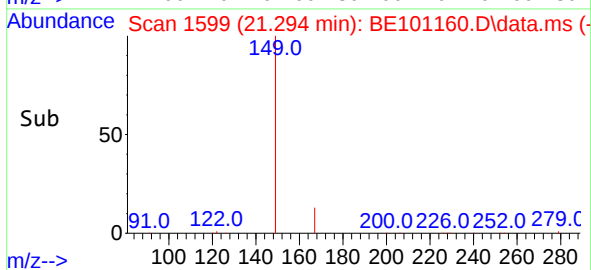
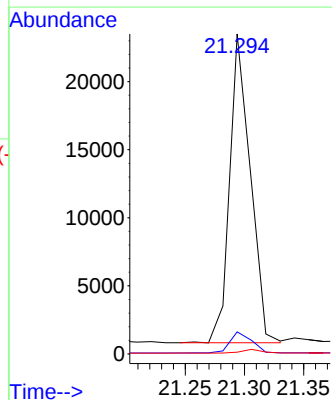
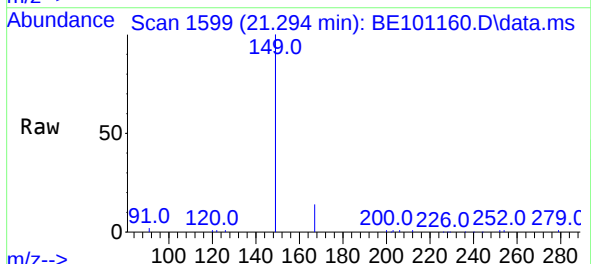
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

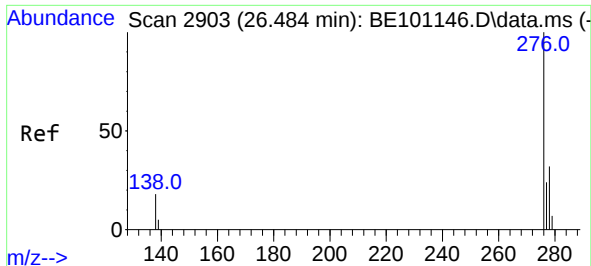
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 44521 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.8  | 22.8  | 34.2  |
| 229       | 19.3  | 16.2  | 24.2  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.49 ng  
RT: 21.294 min Scan# 1599  
Delta R.T. -0.012 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 27500 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 7.1   | 5.4   | 8.2   |
| 279       | 1.2   | 0.9   | 1.3   |

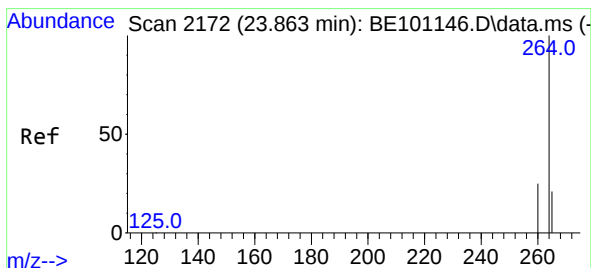
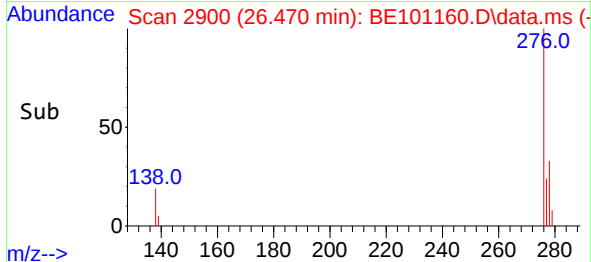
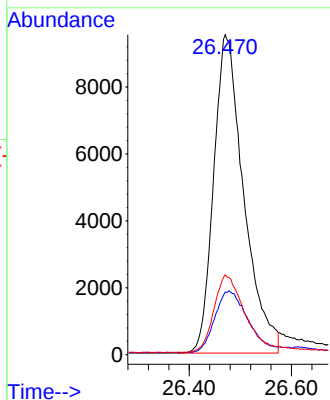
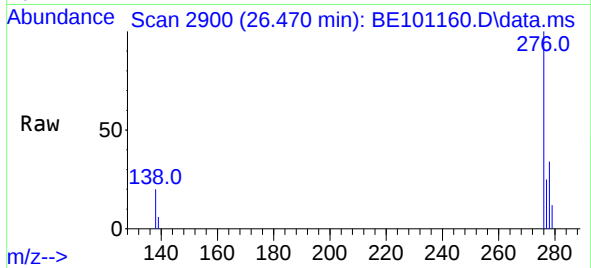




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.57 ng  
RT: 26.470 min Scan# 2900  
Delta R.T. -0.013 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

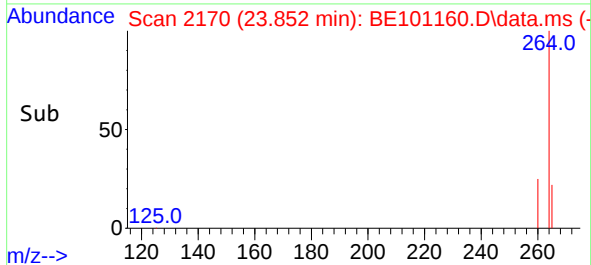
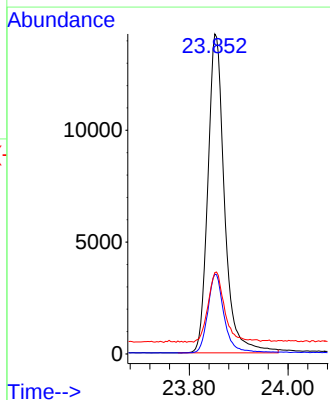
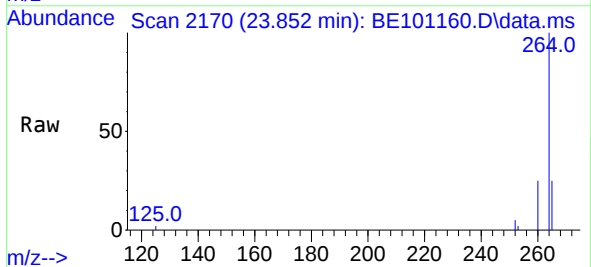
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

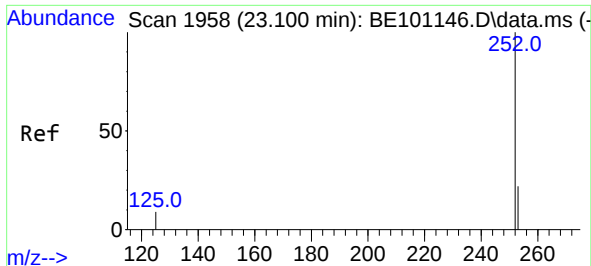
Tgt Ion:276 Resp: 38816  
Ion Ratio Lower Upper  
276 100  
138 21.5 17.1 25.7  
277 24.9 19.8 29.8



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.852 min Scan# 2170  
Delta R.T. -0.011 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:264 Resp: 33366  
Ion Ratio Lower Upper  
264 100  
260 24.9 20.5 30.7  
265 25.5 20.6 30.8

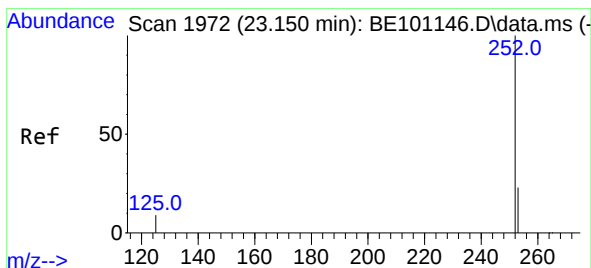
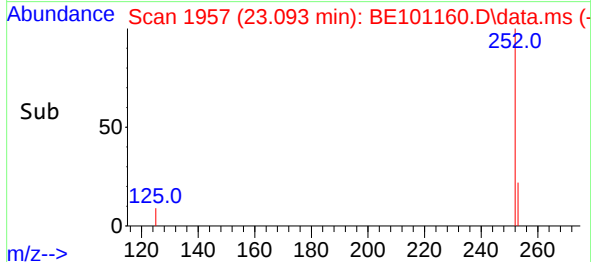
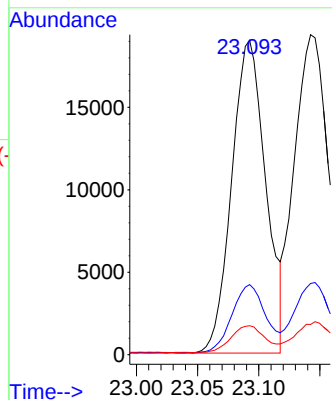
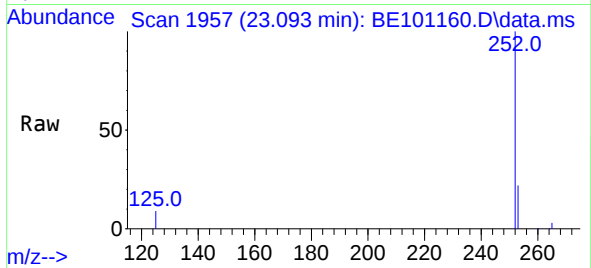




#37  
Benzo(b)fluoranthene  
Concen: 0.42 ng  
RT: 23.093 min Scan# 1957  
Delta R.T. -0.008 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

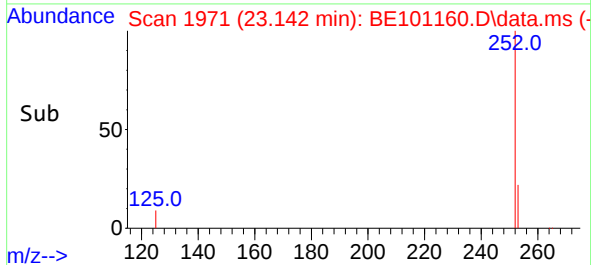
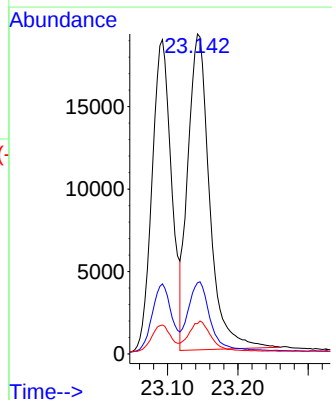
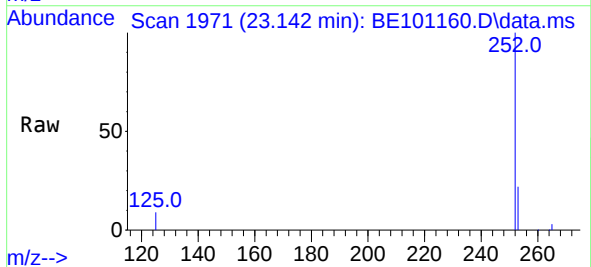
Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

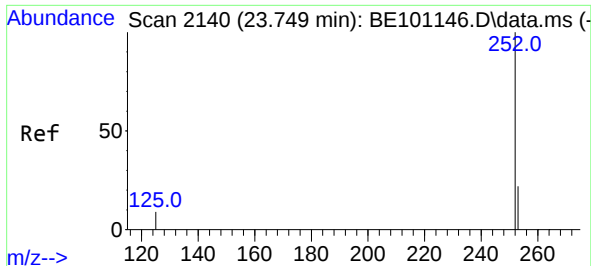
Tgt Ion:252 Resp: 36652  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 9.2 7.5 11.3



#38  
Benzo(k)fluoranthene  
Concen: 0.37 ng  
RT: 23.142 min Scan# 1971  
Delta R.T. -0.008 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Tgt Ion:252 Resp: 41095  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.4  
125 9.5 7.5 11.3





#39

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.741 min Scan# 2139

Delta R.T. -0.008 min

Lab File: BE101160.D

Acq: 31 Mar 2021 13:52

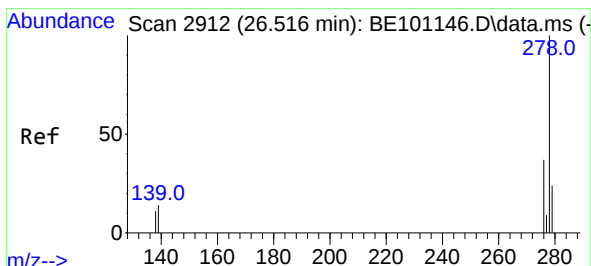
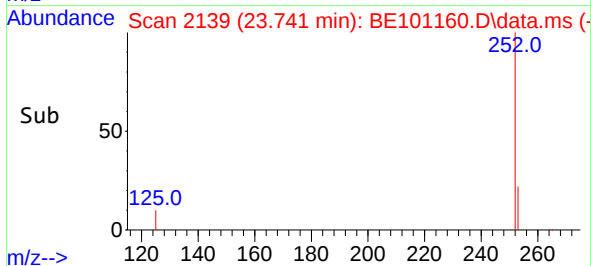
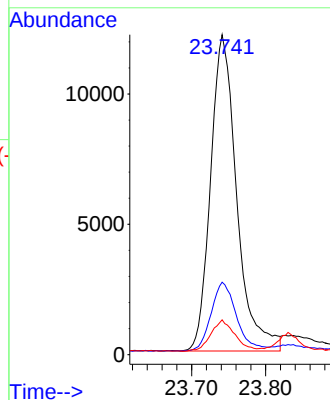
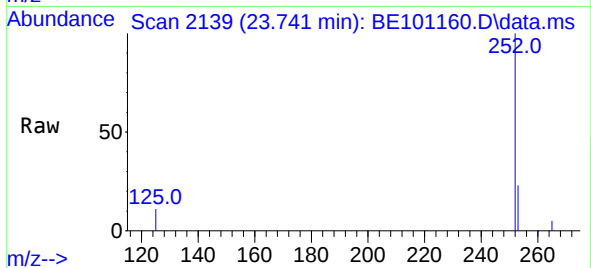
Tgt Ion:252 Resp: 29813

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

125 10.9 8.3 12.5



#40

Dibenzo(a,h)anthracene

Concen: 0.48 ng

RT: 26.506 min Scan# 2910

Delta R.T. -0.010 min

Lab File: BE101160.D

Acq: 31 Mar 2021 13:52

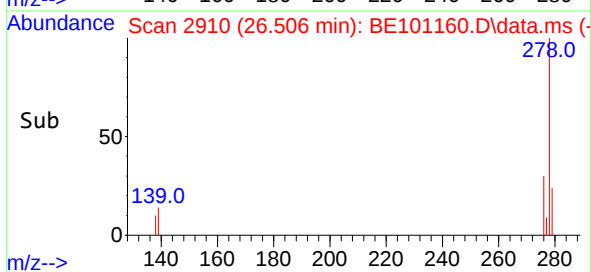
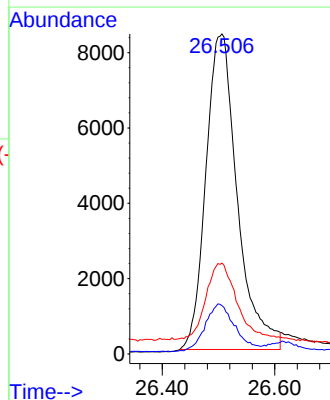
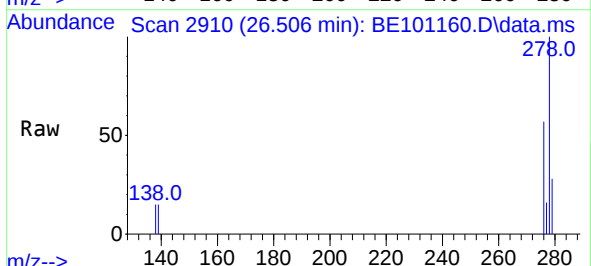
Tgt Ion:278 Resp: 32596

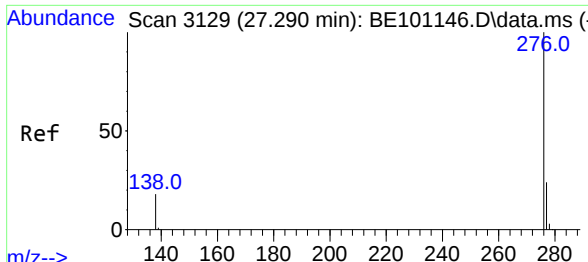
Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

279 28.4 20.2 30.4





#41  
Benzo(g,h,i)perylene  
Concen: 0.44 ng  
RT: 27.277 min Scan# 3126  
Delta R.T. -0.013 min  
Lab File: BE101160.D  
Acq: 31 Mar 2021 13:52

Instrument :  
BNA\_E  
ClientSampleId :  
PB135432BSD

Tgt Ion:276 Resp: 36653  
Ion Ratio Lower Upper  
276 100  
277 25.1 19.7 29.5  
138 18.9 15.3 22.9

