

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029255.D  
 Acq On : 29 Mar 2021 21:45  
 Operator : CG/JU  
 Sample : M1770-18  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FB-03232021

Quant Time: Mar 30 05:15:48 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 29 11:14:33 2021  
 Response via : Initial Calibration

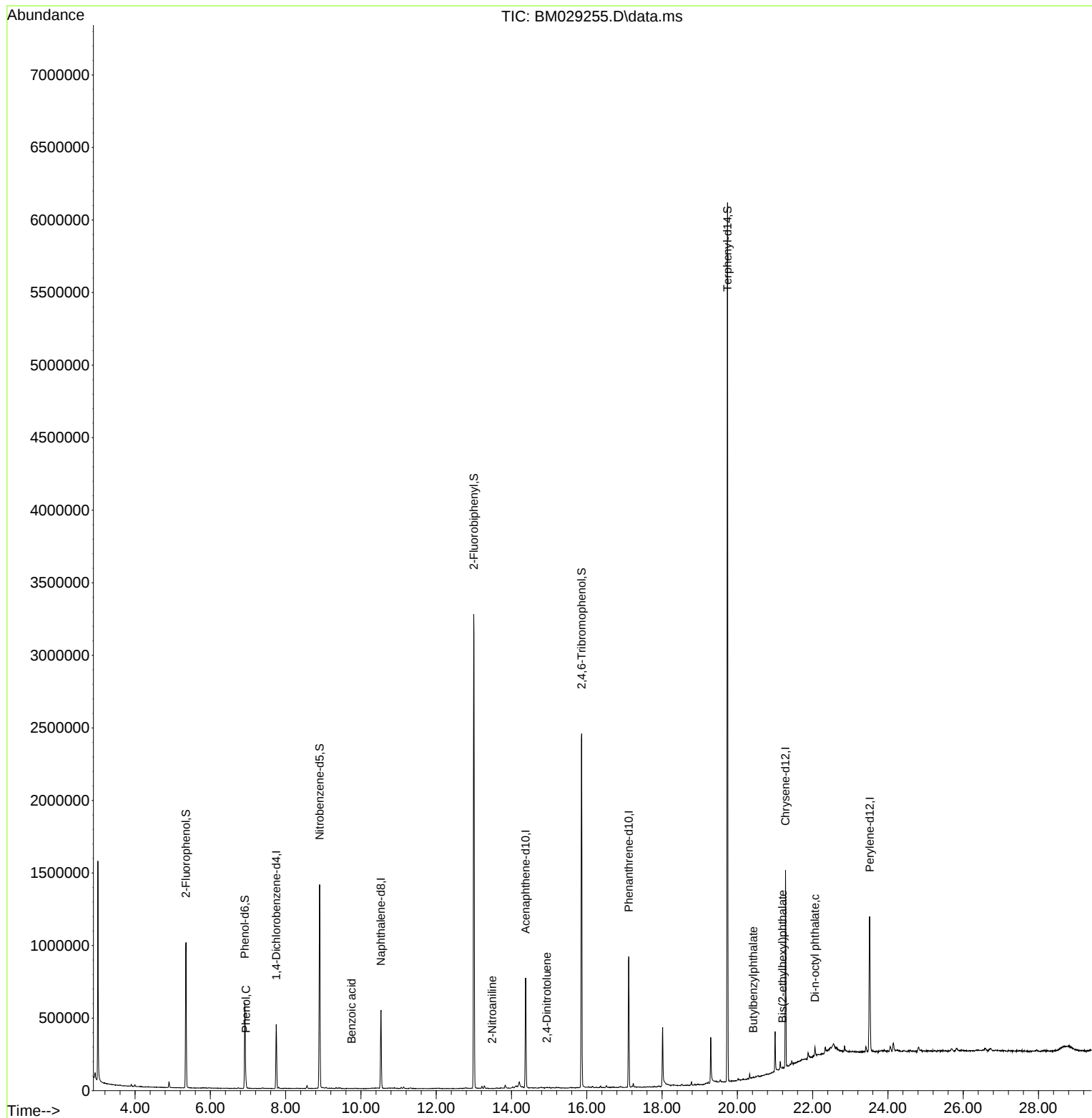
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.751  | 152  | 104653   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.533 | 136  | 414216   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.374 | 164  | 240224   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.115 | 188  | 494517   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.280 | 240  | 547225   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.515 | 264  | 589964   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.351  | 112  | 370027   | 60.95  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.916  | 99   | 288396   | 33.10  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.904  | 82   | 799505   | 93.71  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.862 | 330  | 351426   | 157.97 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.998 | 172  | 1572366  | 92.84  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.739 | 244  | 2364979  | 86.82  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 10) Phenol                    | 6.945  | 94   | 25994    | 3.02   | ng    | 96       |
| 32) Benzoic acid              | 9.751  | 122  | 65       | 4.48   | ng    | # 66     |
| 48) 2-Nitroaniline            | 13.492 | 65   | 67       | 3.29   | ng    | # 9      |
| 57) 2,4-Dinitrotoluene        | 14.939 | 165  | 1088     | 3.36   | ng    | # 28     |
| 80) Butylbenzylphthalate      | 20.421 | 149  | 178      | 3.59   | ng    | # 5      |
| 84) Bis(2-ethylhexyl)phtha... | 21.203 | 149  | 2029     | 3.65   | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.062 | 149  | 409      | 4.07   | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

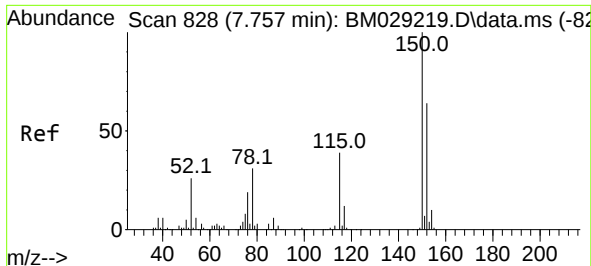
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029255.D  
Acq On : 29 Mar 2021 21:45  
Operator : CG/JU  
Sample : M1770-18  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

Quant Time: Mar 30 05:15:48 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 29 11:14:33 2021  
Response via : Initial Calibration

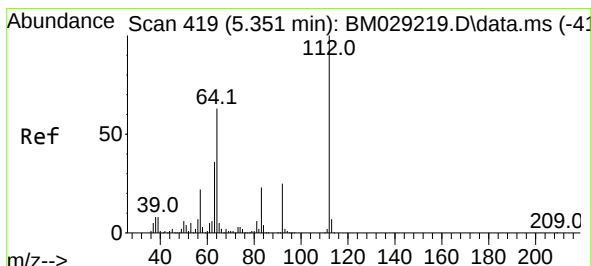
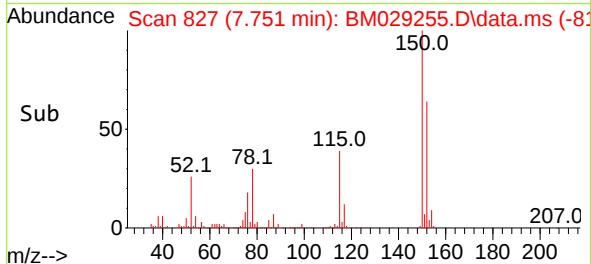
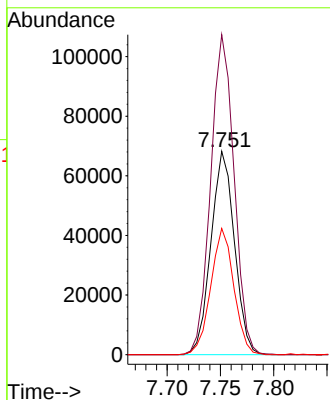
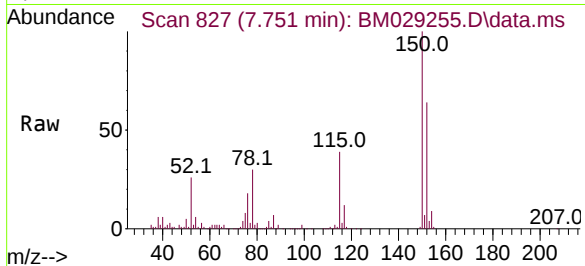




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.751 min Scan# 827  
Delta R.T. -0.001 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

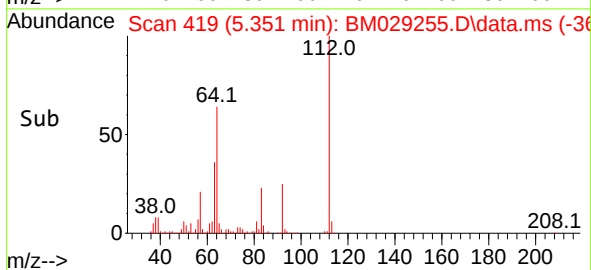
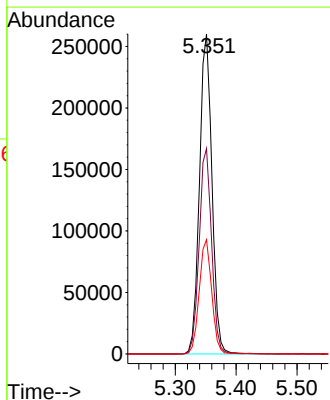
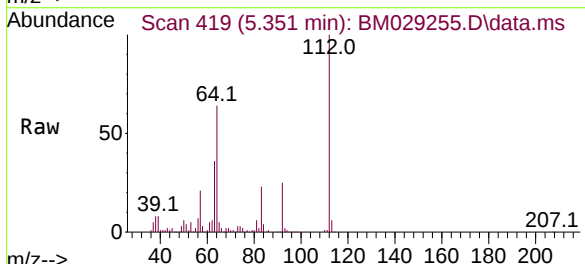
Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

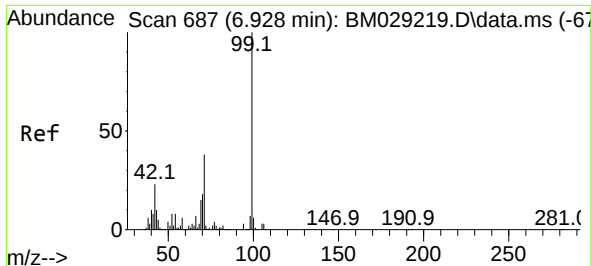
Tgt Ion:152 Resp: 104653  
Ion Ratio Lower Upper  
152 100  
150 157.4 124.3 186.5  
115 62.1 46.4 69.6



#5  
2-Fluorophenol  
Concen: 60.95 ng  
RT: 5.351 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

Tgt Ion:112 Resp: 370027  
Ion Ratio Lower Upper  
112 100  
64 64.2 51.6 77.4  
63 35.7 29.0 43.4

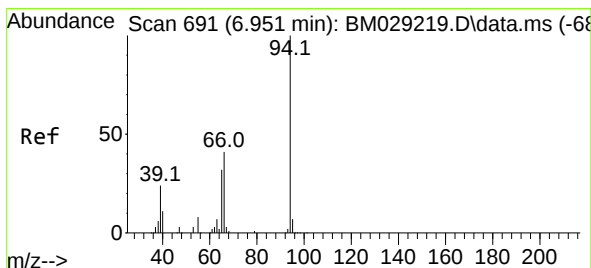
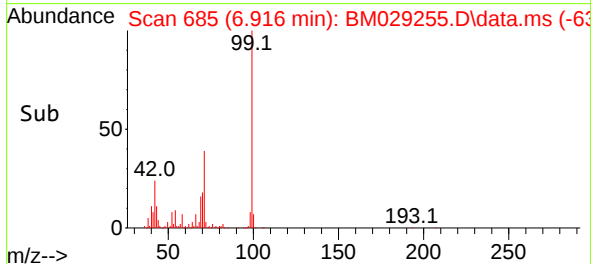
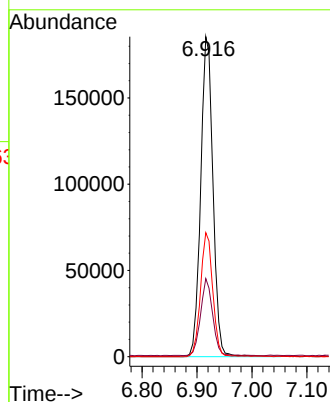
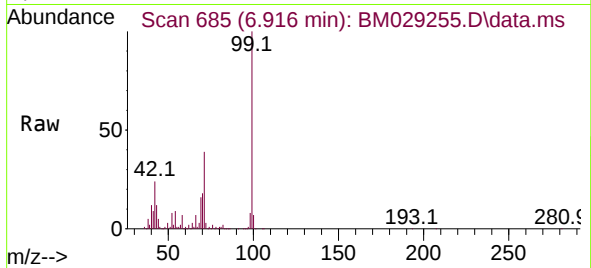




#7  
Phenol-d6  
Concen: 33.10 ng  
RT: 6.916 min Scan# 685  
Delta R.T. -0.006 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

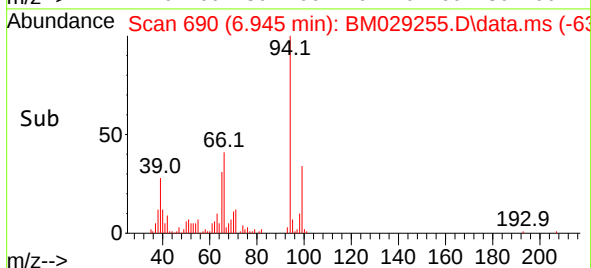
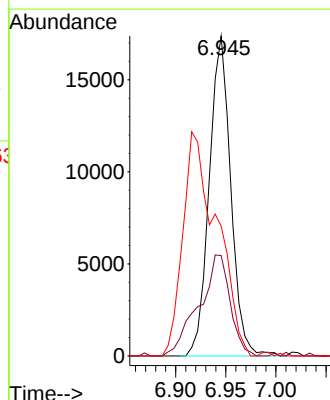
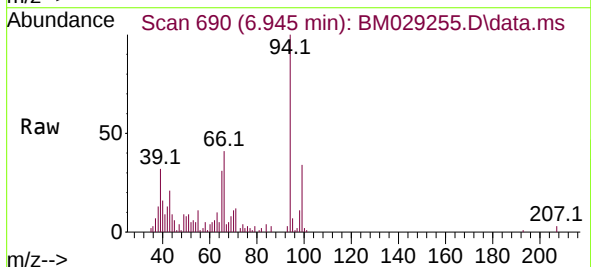
Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

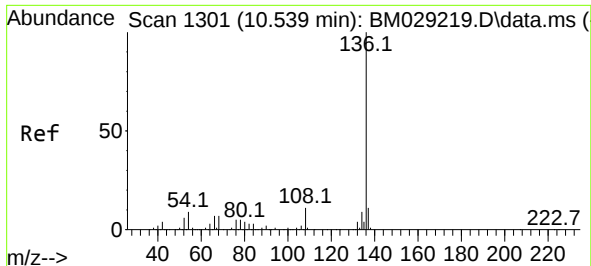
Tgt Ion: 99 Resp: 288396  
Ion Ratio Lower Upper  
99 100  
42 24.4 18.5 27.7  
71 38.8 31.8 47.6



#10  
Phenol  
Concen: 3.02 ng  
RT: 6.945 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

Tgt Ion: 94 Resp: 25994  
Ion Ratio Lower Upper  
94 100  
65 31.4 13.0 53.0  
66 40.6 24.1 64.1

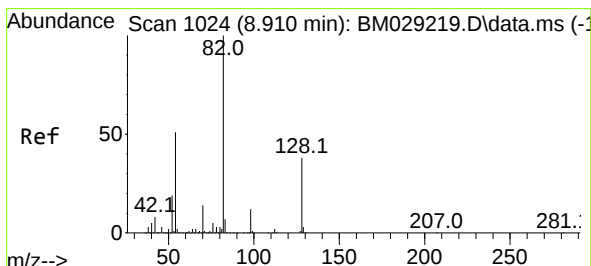
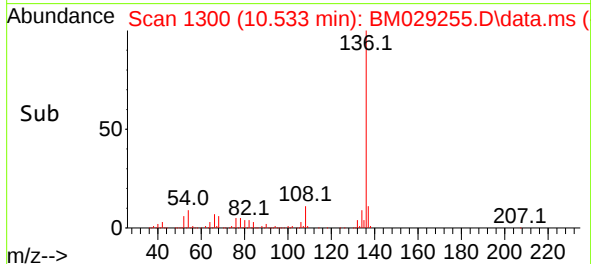
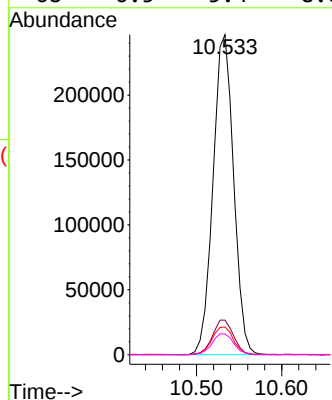
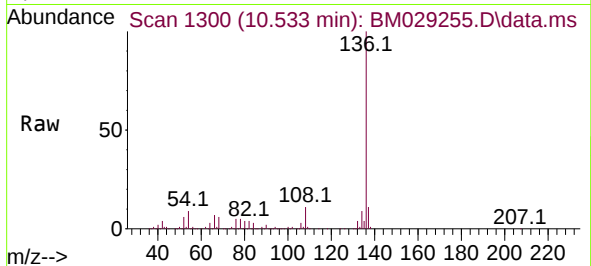




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.533 min Scan# 1300  
Delta R.T. -0.000 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

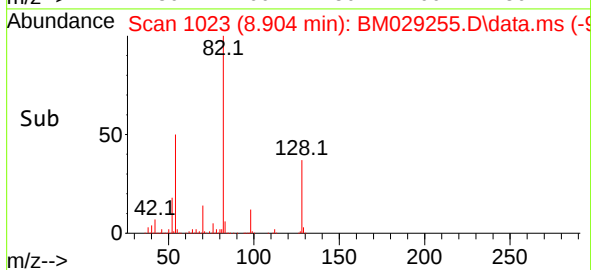
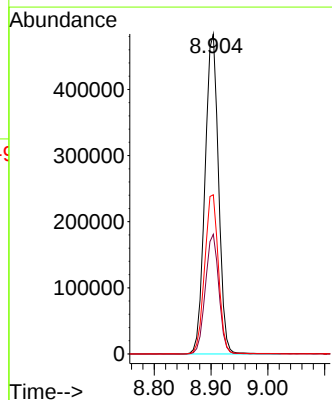
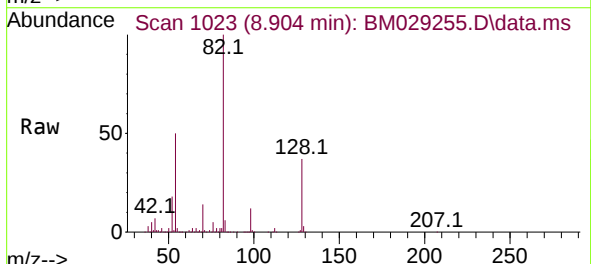
Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

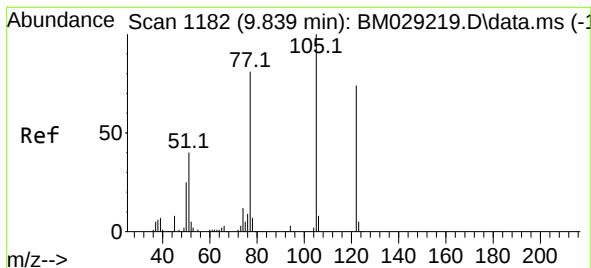
|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 414216  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 10.8 9.3 13.9 |
| 54          | 8.6 6.9 10.3  |
| 68          | 6.5 5.4 8.0   |



#23  
Nitrobenzene-d5  
Concen: 93.71 ng  
RT: 8.904 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

|             |                |
|-------------|----------------|
| Tgt Ion: 82 | Resp: 799505   |
| Ion Ratio   | Lower Upper    |
| 82          | 100            |
| 128         | 37.4 28.6 42.8 |
| 54          | 49.8 40.7 61.1 |





#32

Benzoic acid

Concen: 4.48 ng

RT: 9.751 min Scan# 1167

Delta R.T. -0.077 min

Lab File: BM029255.D

Acq: 29 Mar 2021 21:45

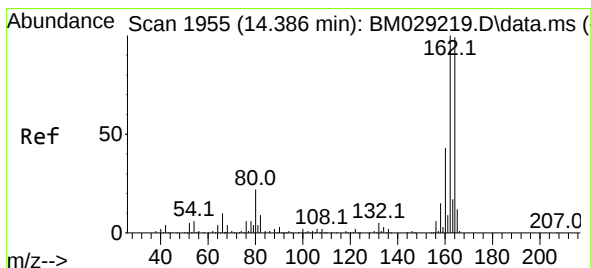
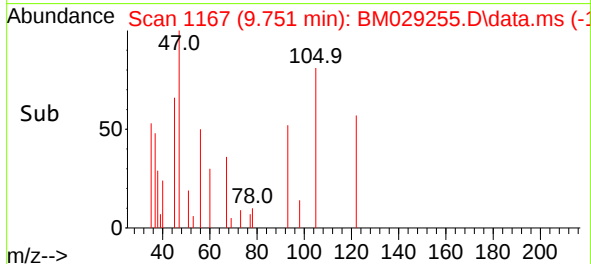
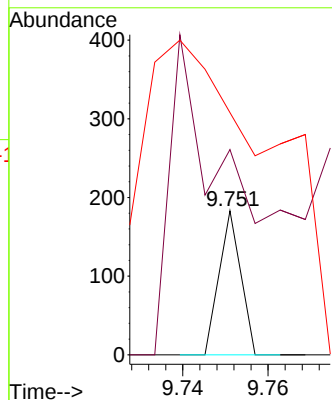
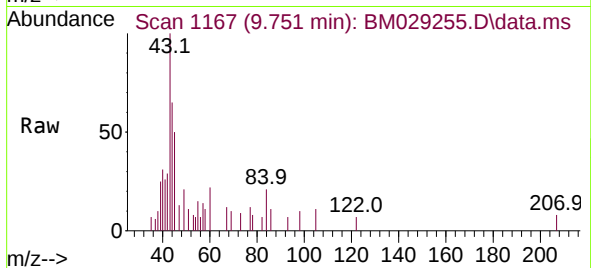
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 65     |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 142.6 | 108.2 | 148.2  |
| 77       | 168.3 | 86.0  | 126.0# |

Instrument :

BNA\_M

ClientSampleId :

FB-03232021



#39

Acenaphthene-d10

Concen: 20.00 ng

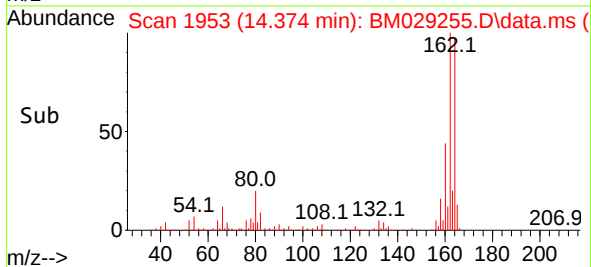
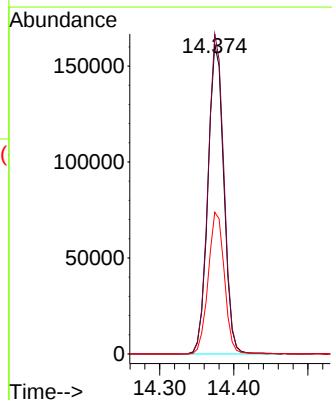
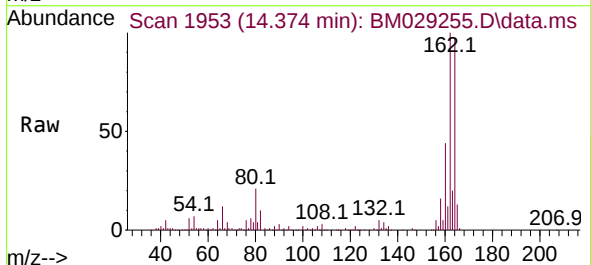
RT: 14.374 min Scan# 1953

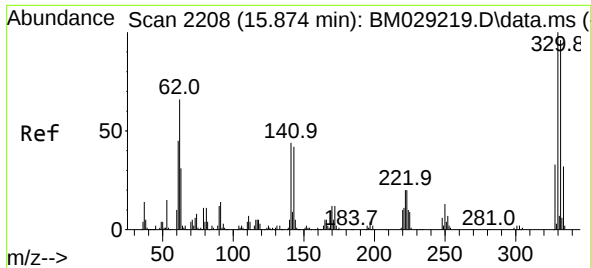
Delta R.T. -0.006 min

Lab File: BM029255.D

Acq: 29 Mar 2021 21:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 240224 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 103.4 | 84.4  | 126.6  |
| 160      | 45.8  | 36.6  | 54.8   |

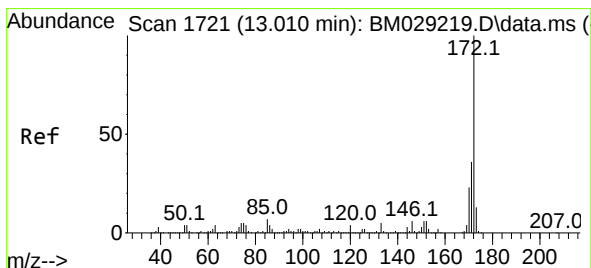
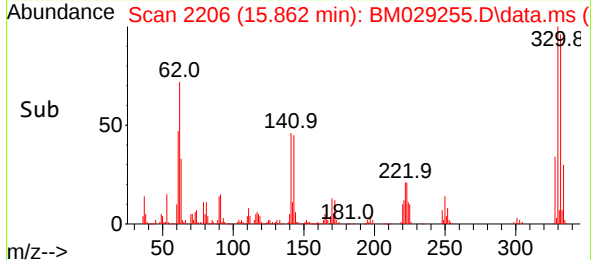
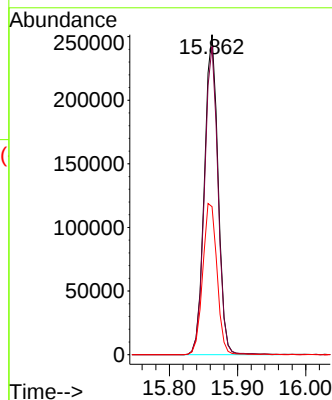
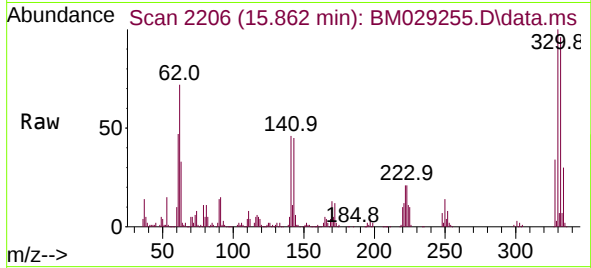




#42  
2,4,6-Tribromophenol  
Concen: 157.97 ng  
RT: 15.862 min Scan# 2206  
Delta R.T. -0.000 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

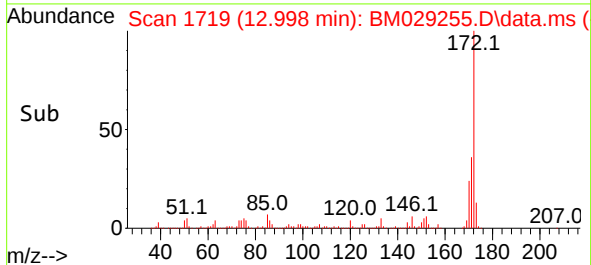
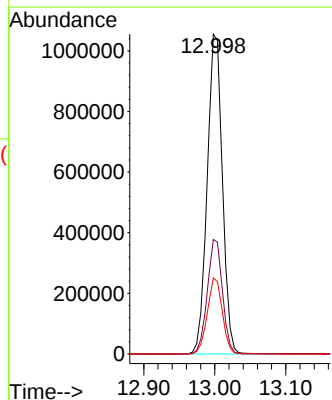
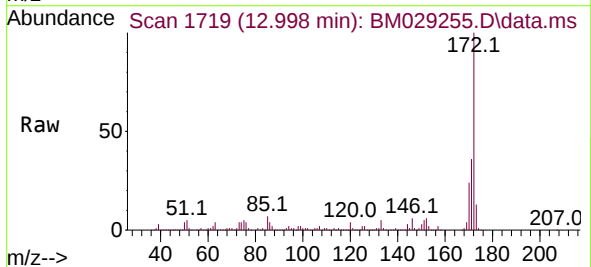
Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

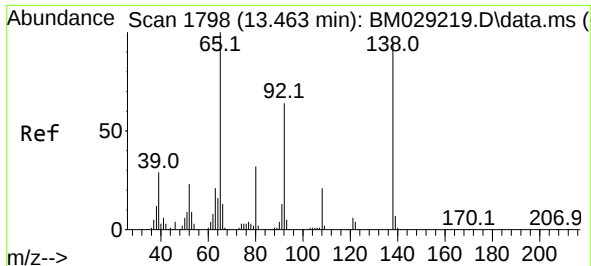
Tgt Ion:330 Resp: 351426  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.1 115.7  
141 49.2 39.2 58.8



#45  
2-Fluorobiphenyl  
Concen: 92.84 ng  
RT: 12.998 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

Tgt Ion:172 Resp: 1572366  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.7 43.1  
170 23.8 18.8 28.2

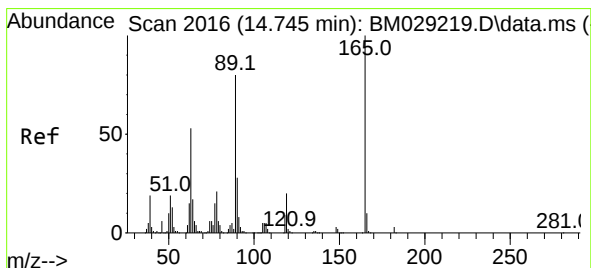
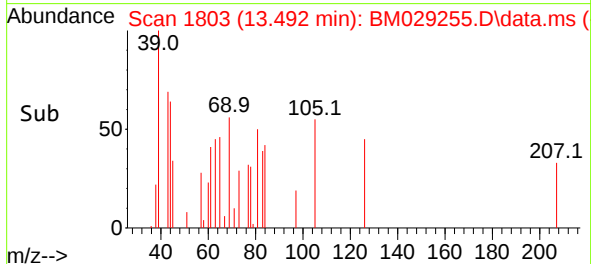
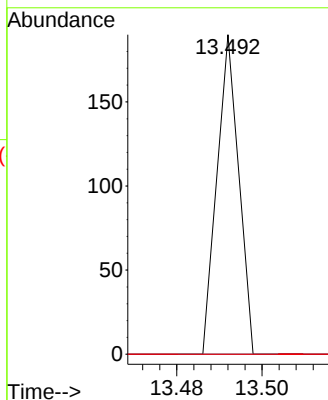
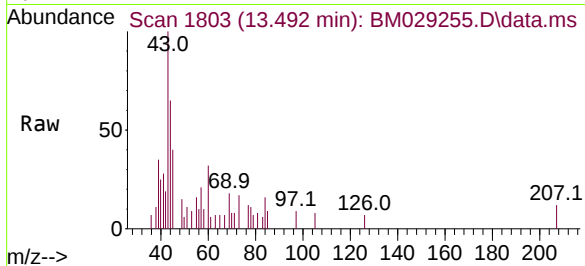




#48  
2-Nitroaniline  
Concen: 3.29 ng  
RT: 13.492 min Scan# 1803  
Delta R.T. 0.041 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

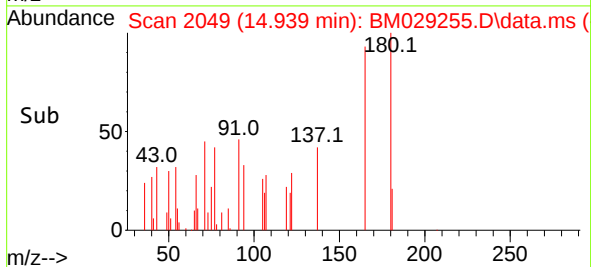
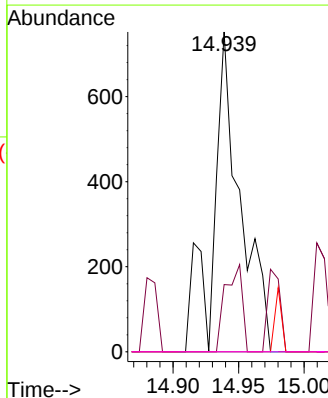
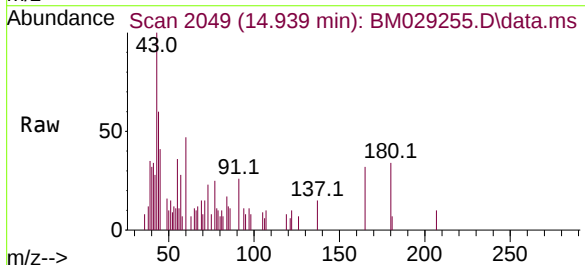
Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

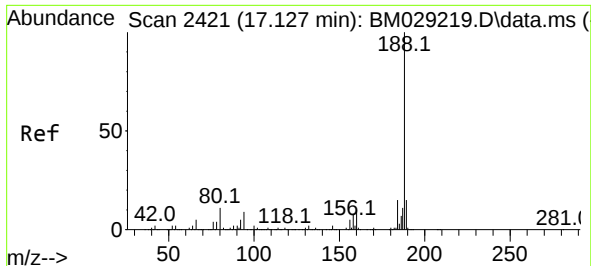
Tgt Ion: 65 Resp: 67  
Ion Ratio Lower Upper  
65 100  
92 0.0 52.4 78.6#  
138 0.0 75.0 112.6#



#57  
2,4-Dinitrotoluene  
Concen: 3.36 ng  
RT: 14.939 min Scan# 2049  
Delta R.T. 0.200 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

Tgt Ion: 165 Resp: 1088  
Ion Ratio Lower Upper  
165 100  
63 21.0 42.2 63.4#  
89 0.0 65.6 98.4#  
182 0.0 2.2 3.4#

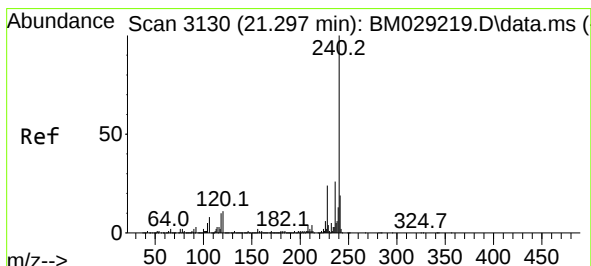
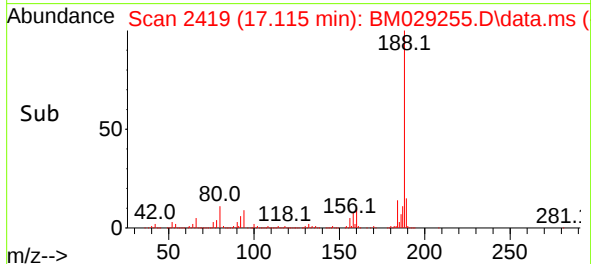
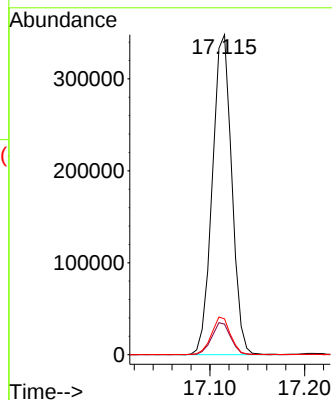
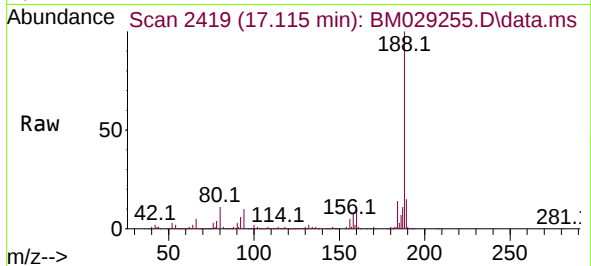




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.115 min Scan# 2419  
Delta R.T. -0.000 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

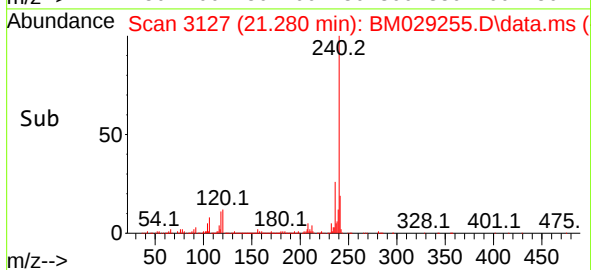
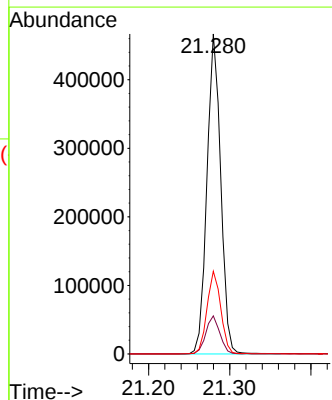
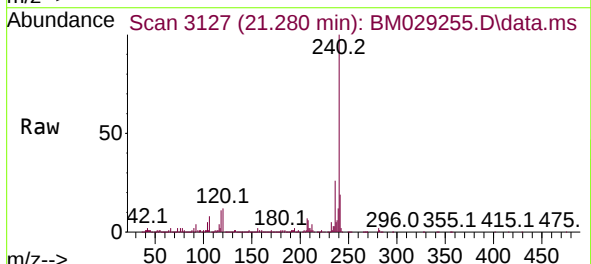
Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

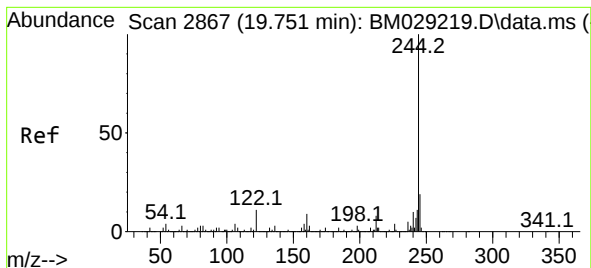
Tgt Ion:188 Resp: 494517  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.1 12.1  
80 11.2 9.2 13.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.280 min Scan# 3127  
Delta R.T. -0.006 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

Tgt Ion:240 Resp: 547225  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.0 13.6  
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 86.82 ng

RT: 19.739 min Scan# 2865

Delta R.T. -0.000 min

Lab File: BM029255.D

Acq: 29 Mar 2021 21:45

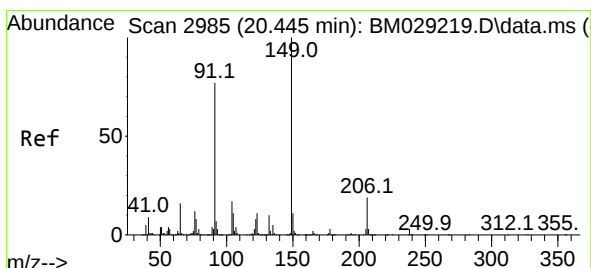
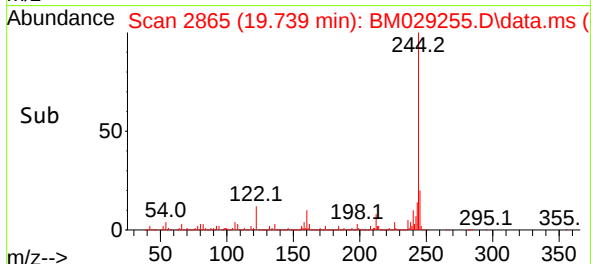
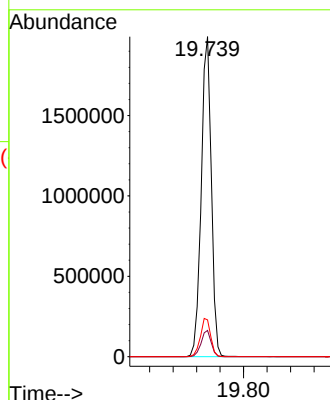
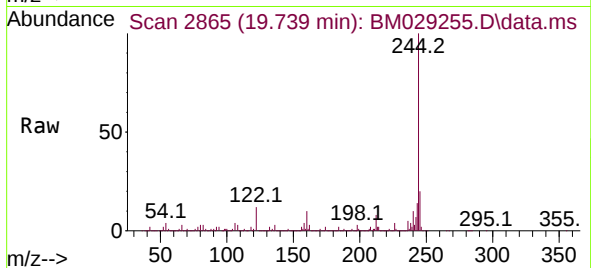
Tgt Ion:244 Resp: 2364979

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 11.5 9.2 13.8



#80

Butylbenzylphthalate

Concen: 3.59 ng

RT: 20.421 min Scan# 2981

Delta R.T. -0.012 min

Lab File: BM029255.D

Acq: 29 Mar 2021 21:45

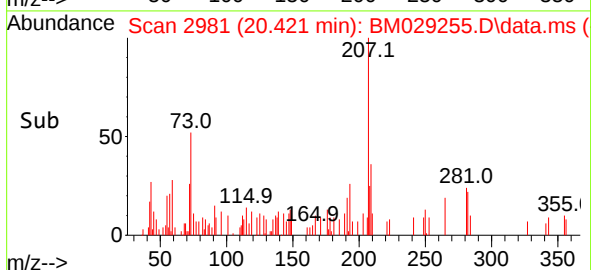
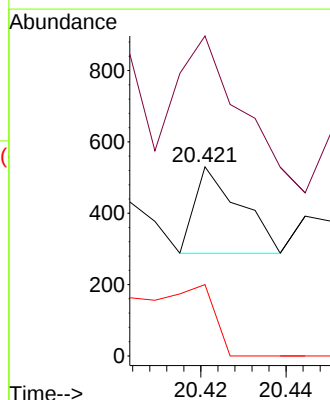
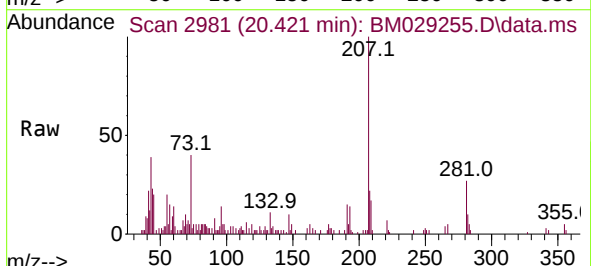
Tgt Ion:149 Resp: 178

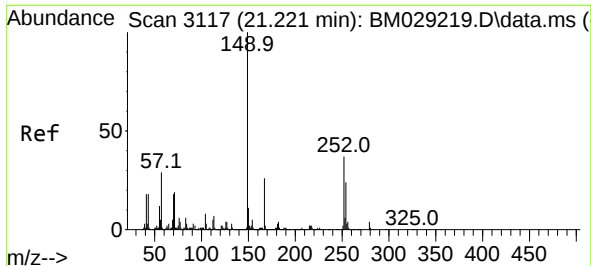
Ion Ratio Lower Upper

149 100

91 169.2 60.5 90.7#

206 37.7 15.7 23.5#

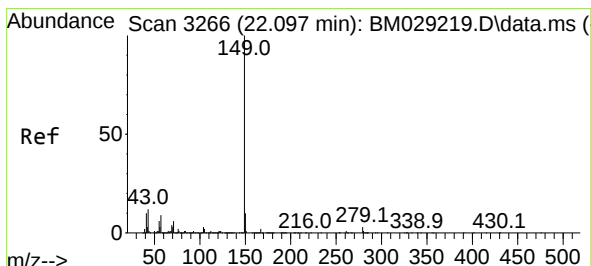
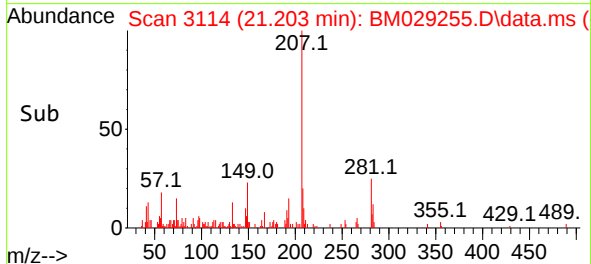
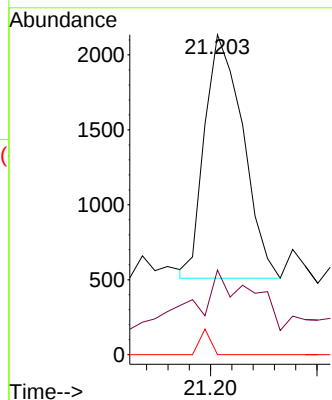
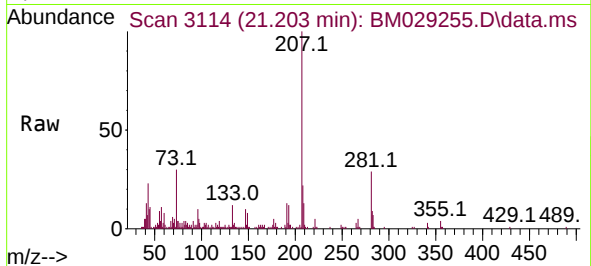




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.65 ng  
RT: 21.203 min Scan# 3114  
Delta R.T. -0.006 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

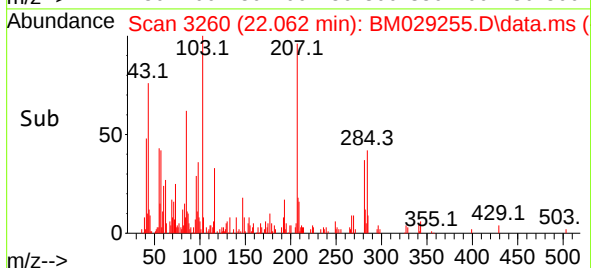
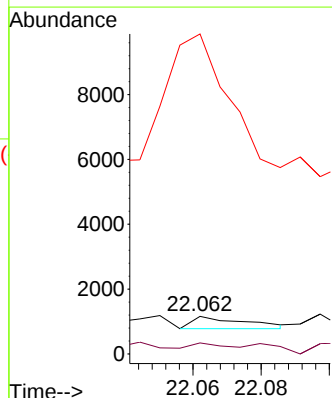
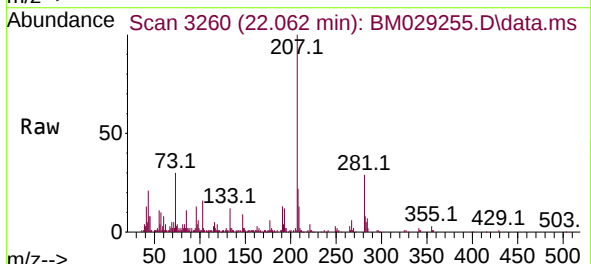
Instrument :  
BNA\_M  
ClientSampleId :  
FB-03232021

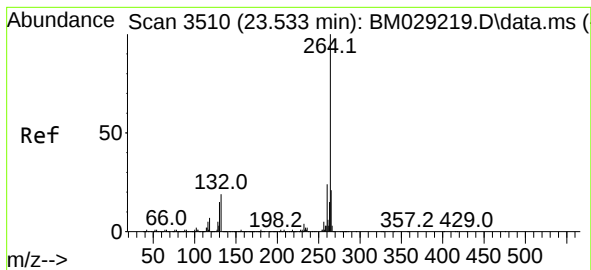
Tgt Ion:149 Resp: 2029  
Ion Ratio Lower Upper  
149 100  
167 26.5 20.6 31.0  
279 0.0 3.3 4.9#



#85  
Di-n-octyl phthalate  
Concen: 4.07 ng  
RT: 22.062 min Scan# 3260  
Delta R.T. -0.024 min  
Lab File: BM029255.D  
Acq: 29 Mar 2021 21:45

Tgt Ion:149 Resp: 409  
Ion Ratio Lower Upper  
149 100  
167 116.1 1.3 1.9#  
43 1840.3 9.8 14.6#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.515 min Scan# 3507  
 Delta R.T. -0.006 min  
 Lab File: BM029255.D  
 Acq: 29 Mar 2021 21:45

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FB-03232021

|             |              |
|-------------|--------------|
| Tgt Ion:264 | Resp: 589964 |
| Ion Ratio   | Lower Upper  |
| 264 100     |              |
| 260 24.2    | 19.6 29.4    |
| 265 20.6    | 17.8 26.8    |

