

Data File : BP001611.D  
Acq On : 15 Jan 2020 16:17  
Operator : JU  
Sample : L1125-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
FESB-33-(3.5-4)

Quant Time: Jan 16 06:00:23 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP010820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 14 21:52:04 2020  
Response via : Initial Calibration

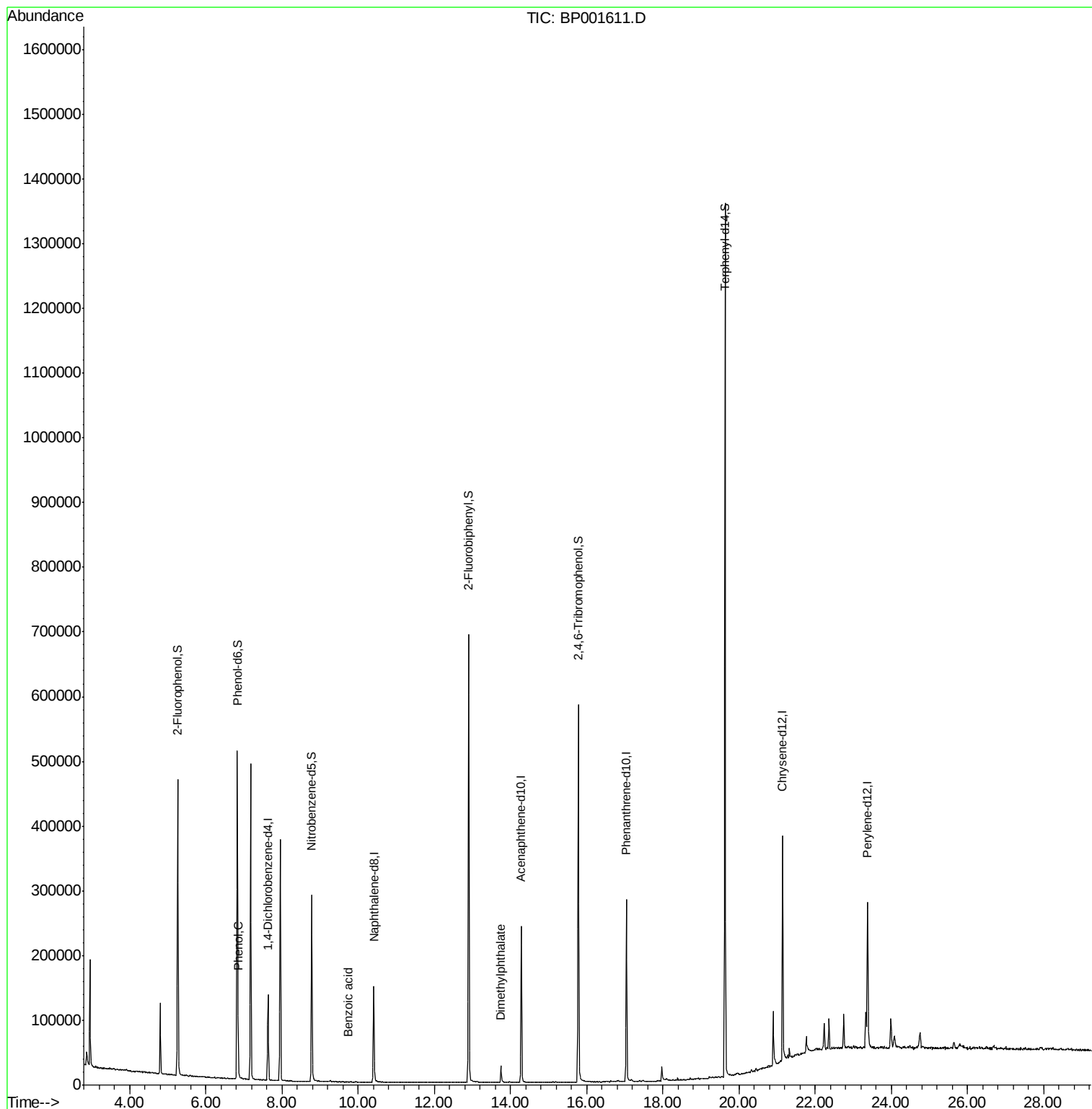
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 29159    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.41 | 136  | 105862   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.28 | 164  | 75488    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.04 | 188  | 174275   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.15 | 240  | 163526   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 23.37 | 264  | 170532   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.26  | 112  | 150646   | 101.20 | ng    | 0.00     |
| 7) Phenol-d6                | 6.83  | 99   | 213621   | 89.80  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.78  | 82   | 152587   | 62.98  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.78 | 330  | 90416    | 78.69  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.90 | 172  | 329874   | 64.25  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.63 | 244  | 589057   | 65.89  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.85  | 94   | 5190     | 2.109  | ng    | 91       |
| 32) Benzoic acid            | 9.76  | 122  | 29       | 4.724  | ng    | # 20     |
| 50) Dimethylphthalate       | 13.75 | 163  | 18346    | 2.951  | ng    | # 96     |

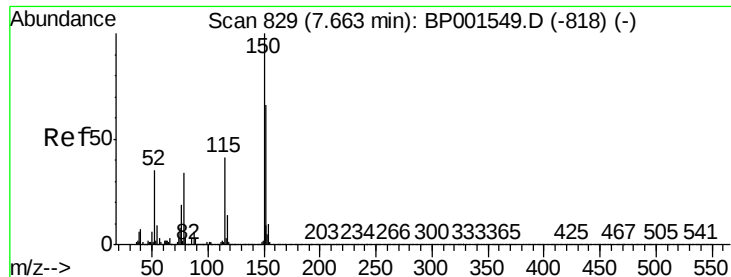
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FESB-33-(3.5-4)

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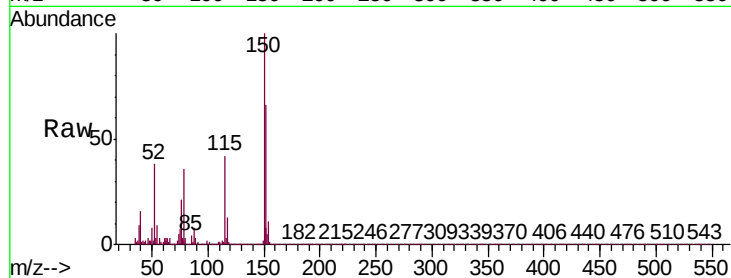


#1

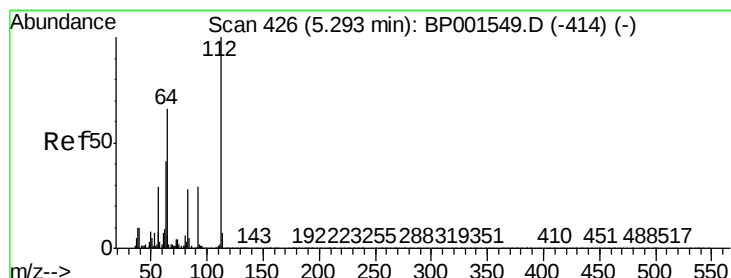
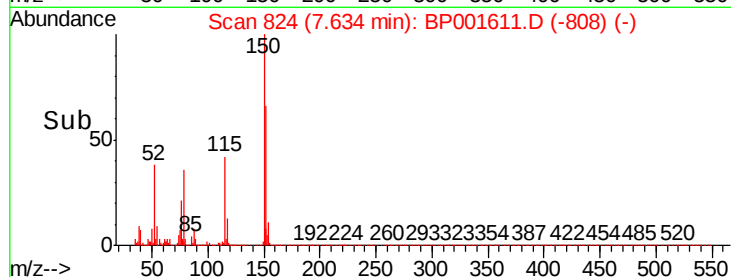
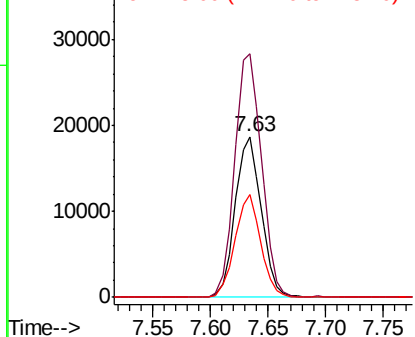
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.63 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

Instrument :  
BNA\_P  
ClientSampleId :  
FESB-33-(3.5-4)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.3 | 122.0 | 183.0 |
| 115     | 63.6  | 50.7  | 76.1  |



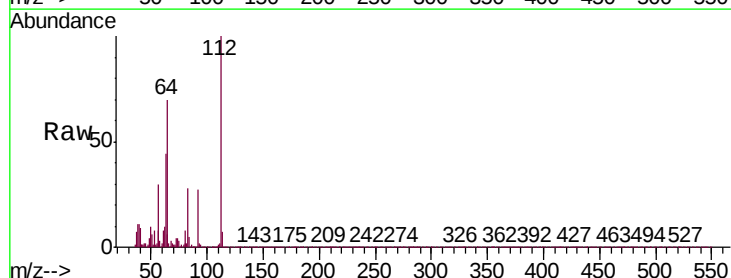
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



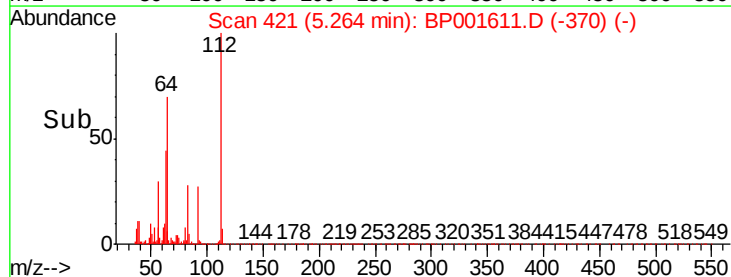
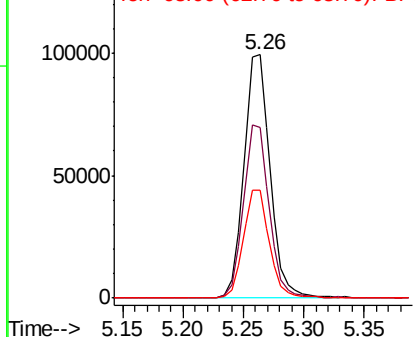
#5

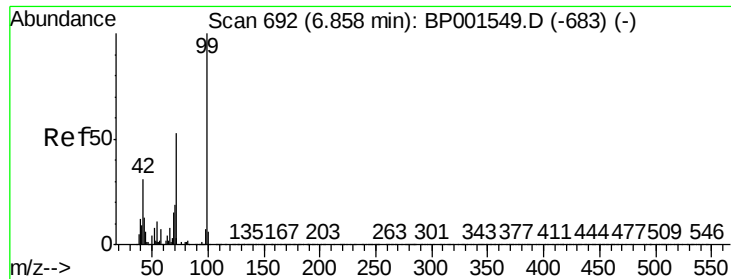
2-Fluorophenol  
Concen: 101.204 ng  
RT: 5.26 min Scan# 421  
Delta R.T. -0.00 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 70.0  | 52.8  | 79.2  |
| 63      | 44.2  | 33.1  | 49.7  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BP0  
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 89.796 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

Instrument :

BNA\_P

ClientSampleId :

FESB-33-(3.5-4)

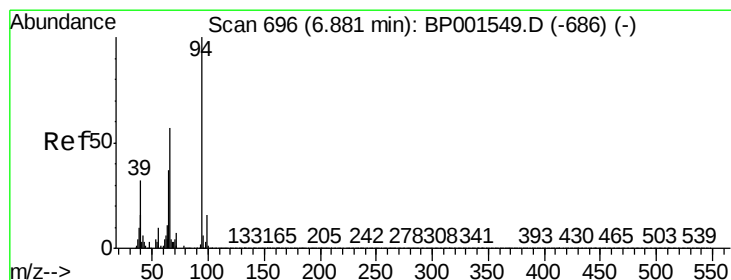
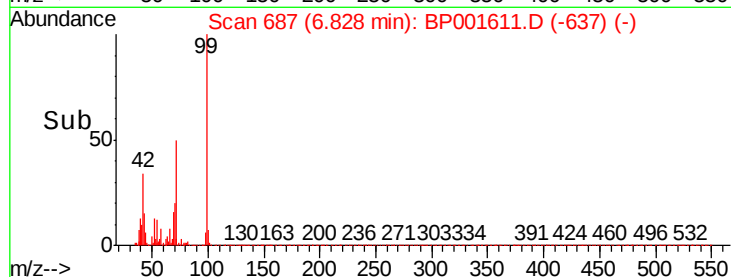
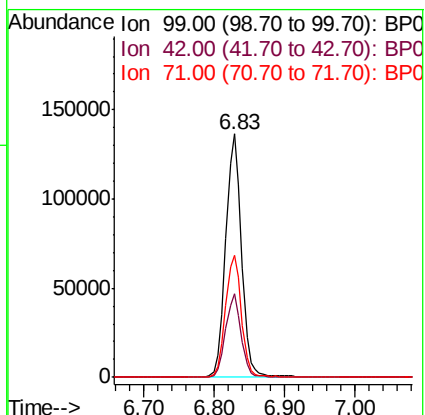
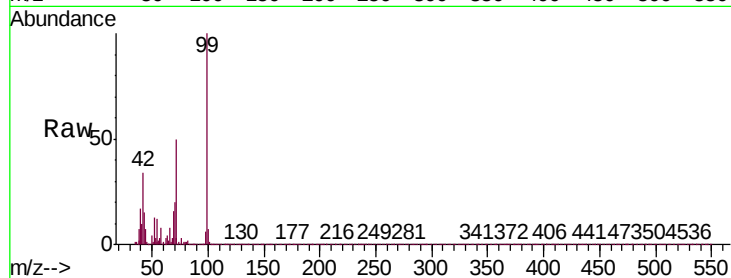
Tgt Ion: 99 Resp: 213621

Ion Ratio Lower Upper

99 100

42 34.4 24.5 36.7

71 50.3 42.4 63.6



#10

Phenol

Concen: 2.109 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001611.D

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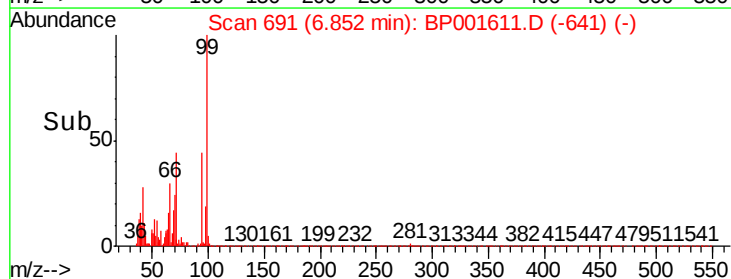
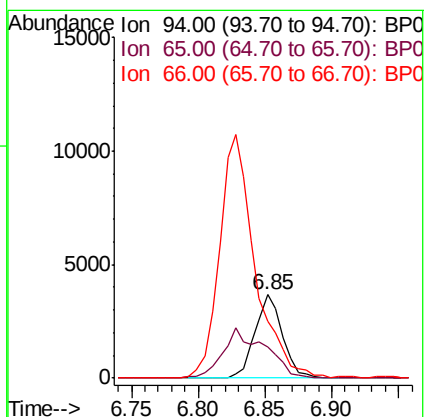
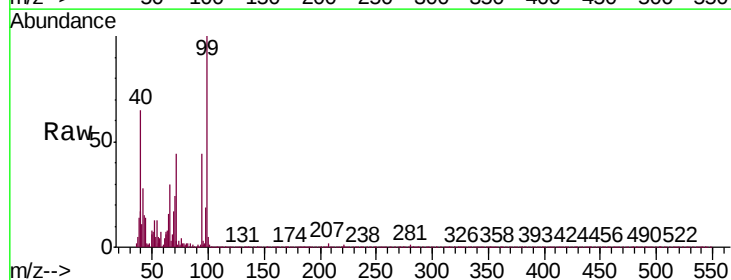
Tgt Ion: 94 Resp: 5190

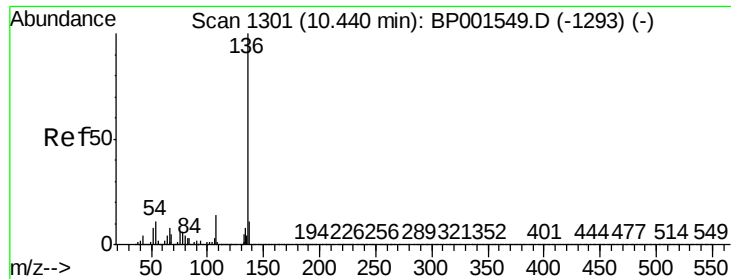
Ion Ratio Lower Upper

94 100

65 37.7 17.5 57.5

66 67.8 36.7 76.7

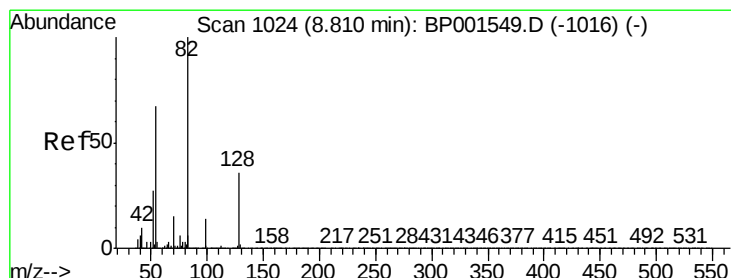
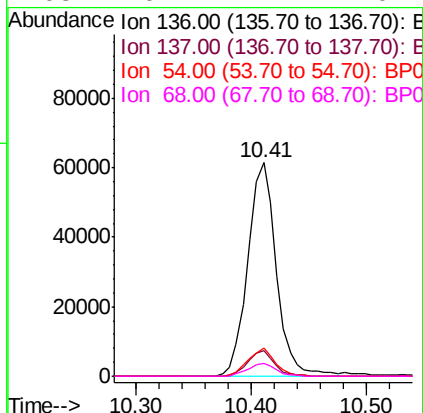
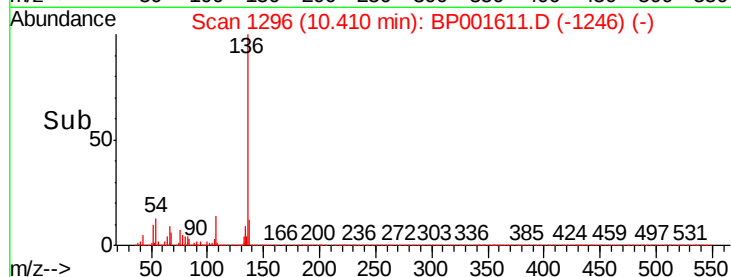
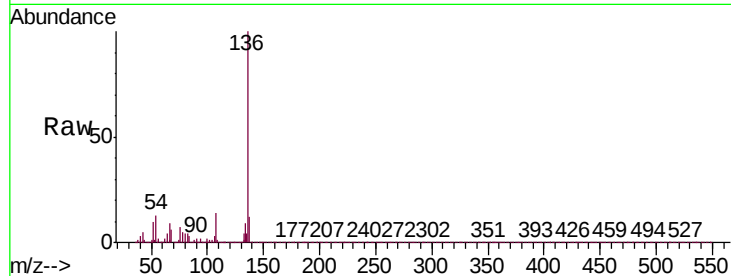




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.41 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

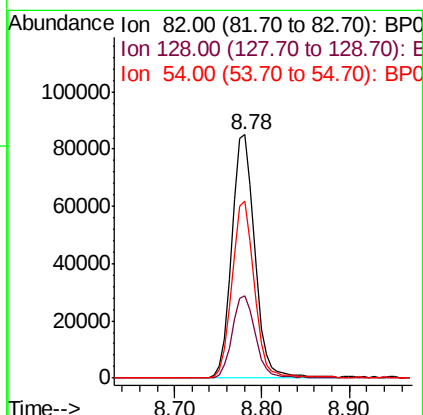
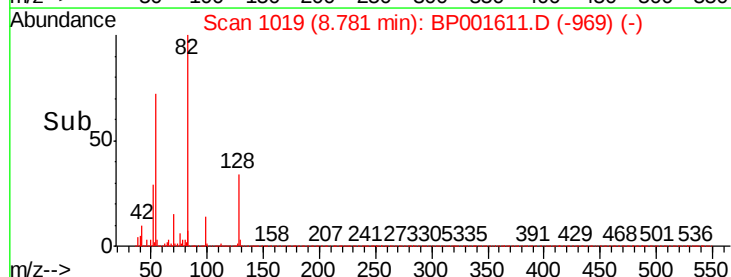
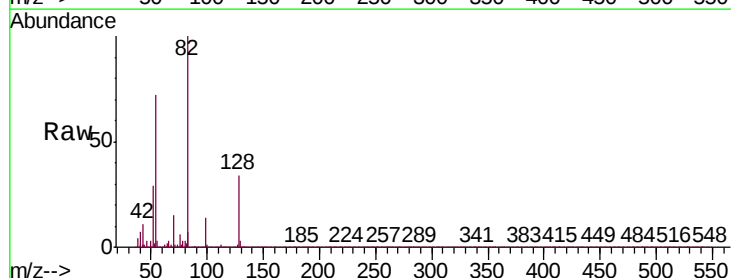
Instrument :  
BNA\_P  
ClientSampleId :  
FESB-33-(3.5-4)

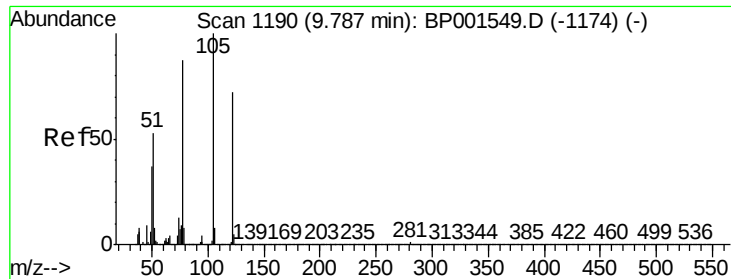
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 105862 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.1  | 8.6   | 12.8   |
| 54       | 13.2  | 9.2   | 13.8   |
| 68       | 6.2   | 4.1   | 6.1#   |



#23  
Nitrobenzene-d5  
Concen: 62.985 ng  
RT: 8.78 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 152587 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 33.8  | 28.4  | 42.6   |
| 54       | 72.5  | 53.4  | 80.2   |

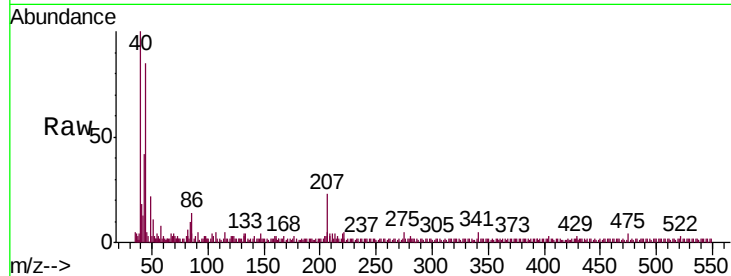




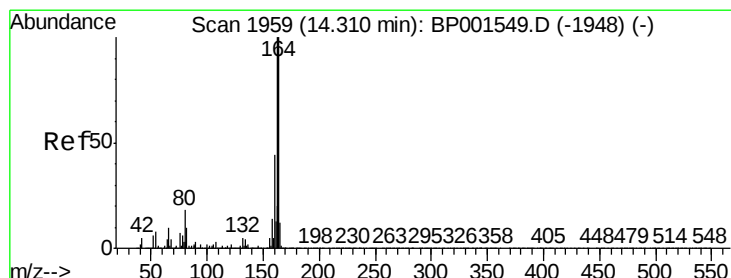
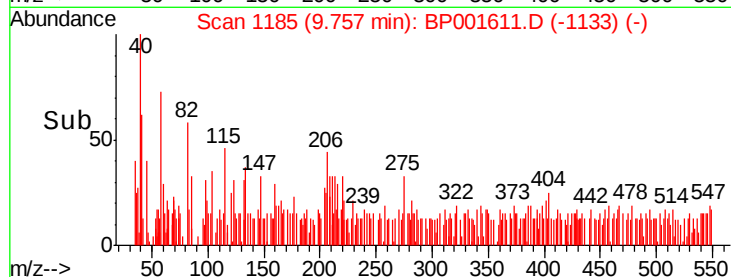
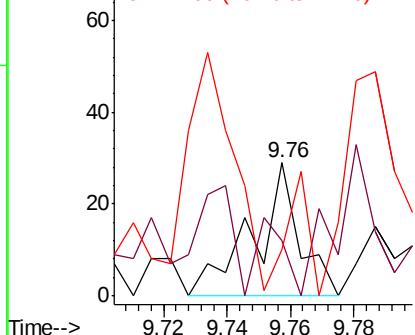
#32  
Benzoic acid  
Concen: 4.724 ng  
RT: 9.76 min Scan# 1185  
Delta R.T. 0.01 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

Instrument :  
BNA\_P  
ClientSampleId :  
FESB-33-(3.5-4)

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 41.4  | 119.5 | 159.5# |
| 77      | 34.5  | 102.8 | 142.8# |

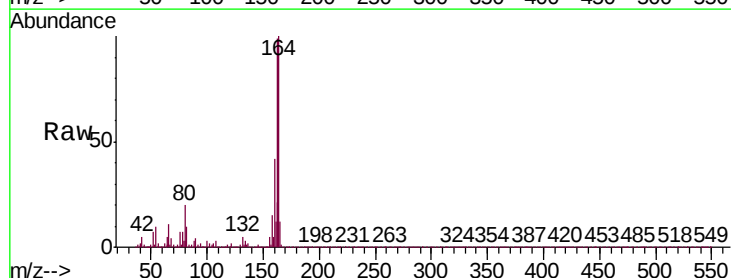


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BP0

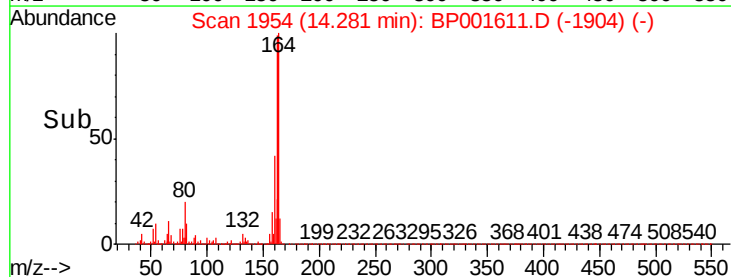
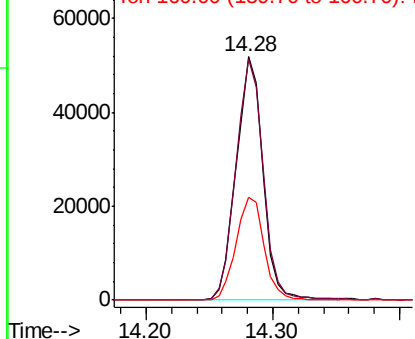


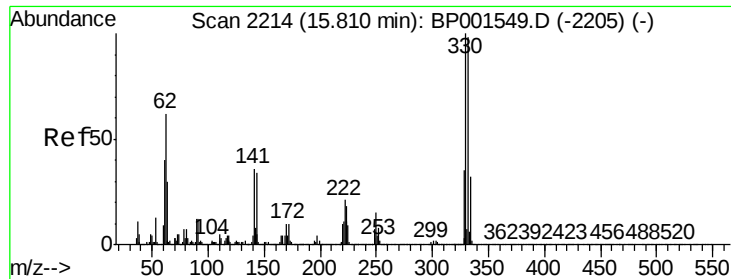
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.28 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.2  | 79.8  | 119.6 |
| 160     | 42.4  | 35.0  | 52.6  |



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

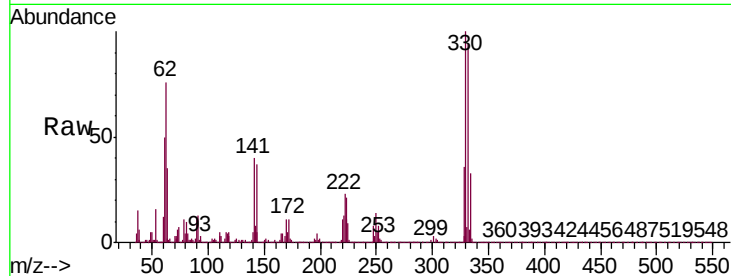




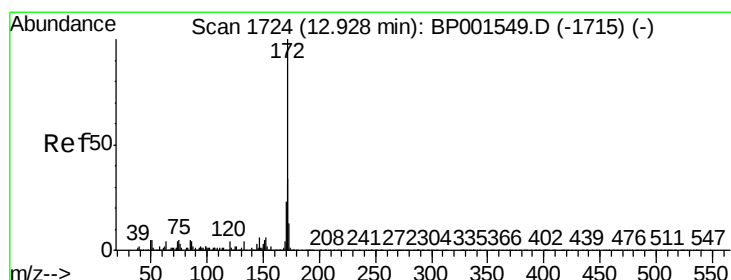
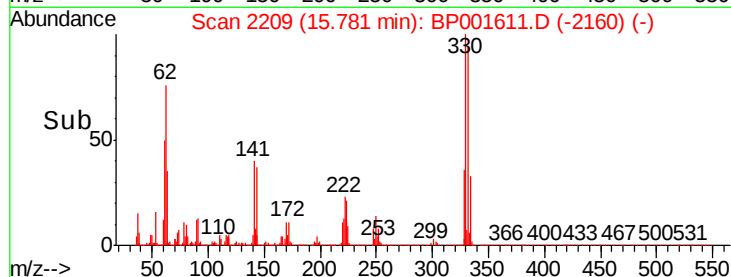
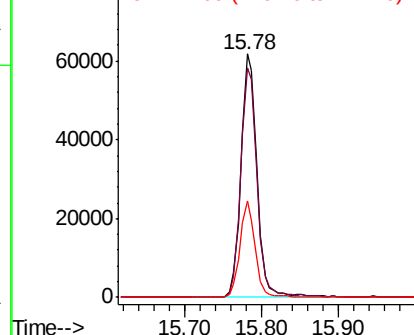
#42  
 2,4,6-Tribromophenol  
 Concen: 78.686 ng  
 RT: 15.78 min Scan# 2209  
 Delta R.T. -0.01 min  
 Lab File: BP001611.D  
 Acq: 15 Jan 2020 16:17

Instrument :  
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 ClientSampleId :  
 FESB-33-(3.5-4)

Tgt Ion:330 Resp: 90416  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 77.8 116.6  
 141 37.5 28.7 43.1

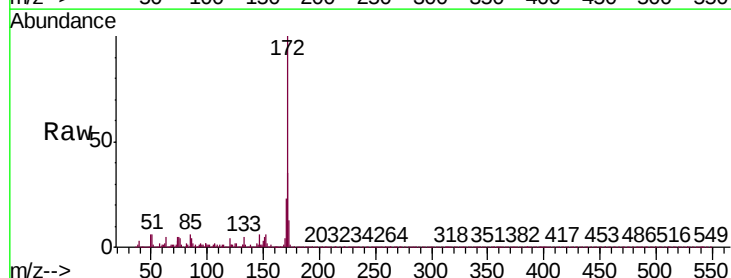


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

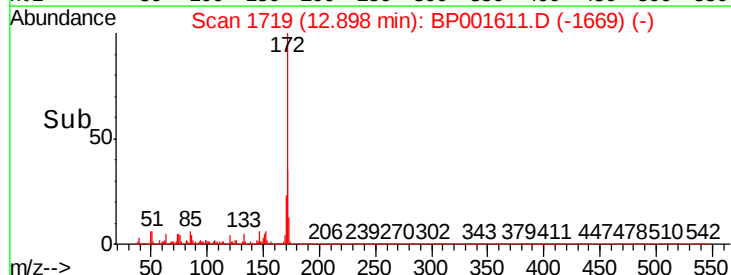
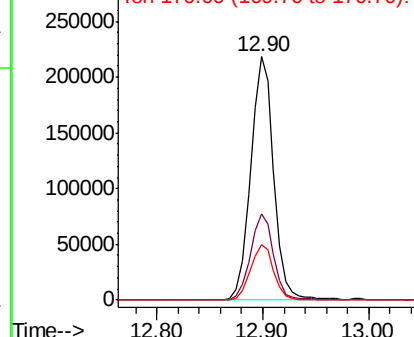


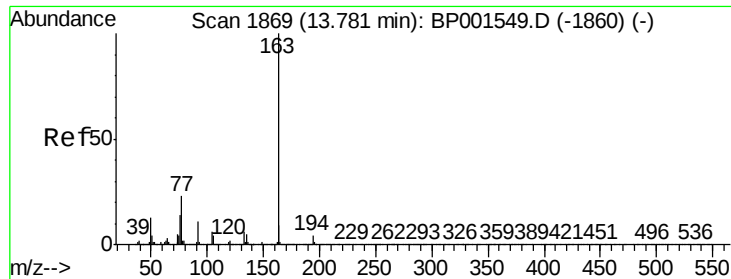
#45  
 2-Fluorobiphenyl  
 Concen: 64.249 ng  
 RT: 12.90 min Scan# 1719  
 Delta R.T. -0.01 min  
 Lab File: BP001611.D  
 Acq: 15 Jan 2020 16:17

Tgt Ion:172 Resp: 329874  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 27.6 41.4  
 170 22.7 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.951 ng

RT: 13.75 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

Instrument :

BNA\_P

ClientSampleId :

FESB-33-(3.5-4)

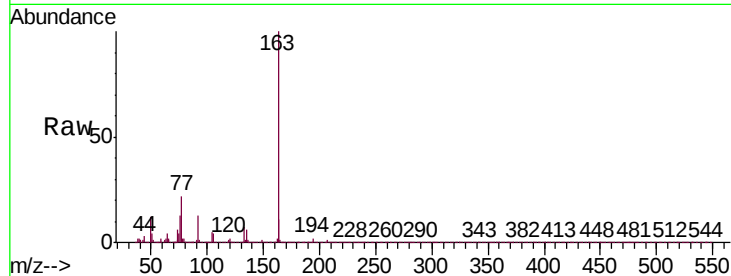
Tgt Ion:163 Resp: 18346

Ion Ratio Lower Upper

163 100

194 2.3 3.6 5.4#

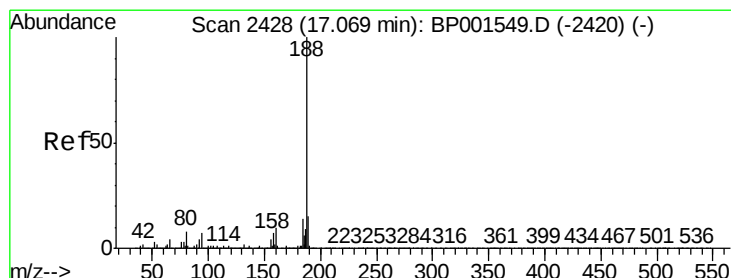
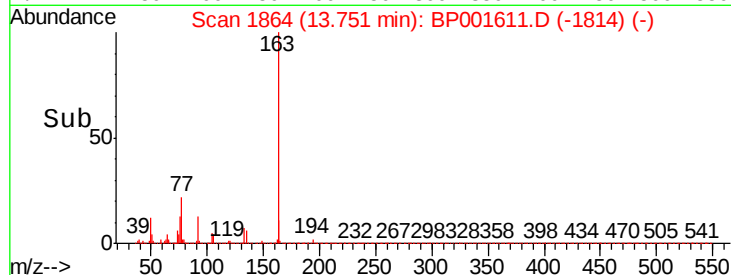
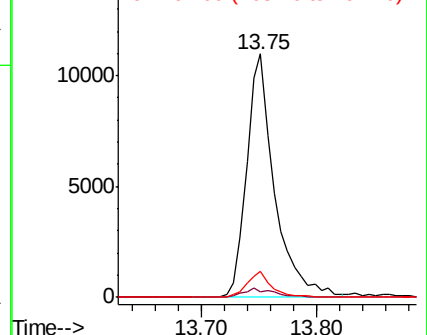
164 10.6 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

15000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP001611.D

Acq: 15 Jan 2020 16:17

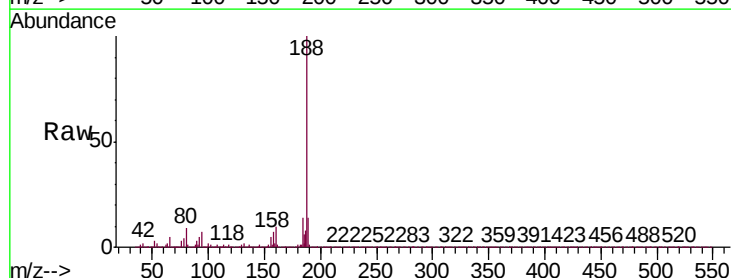
Tgt Ion:188 Resp: 174275

Ion Ratio Lower Upper

188 100

94 6.9 5.9 8.9

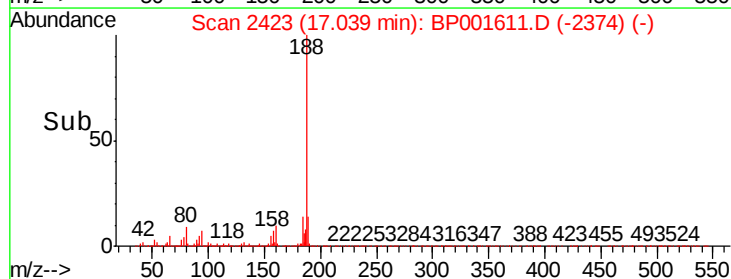
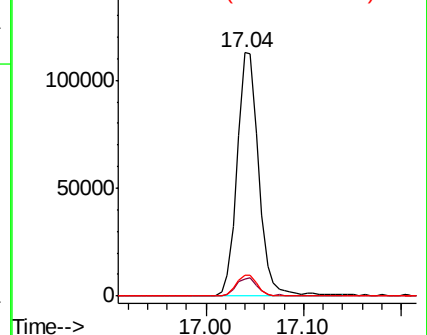
80 8.7 6.8 10.2

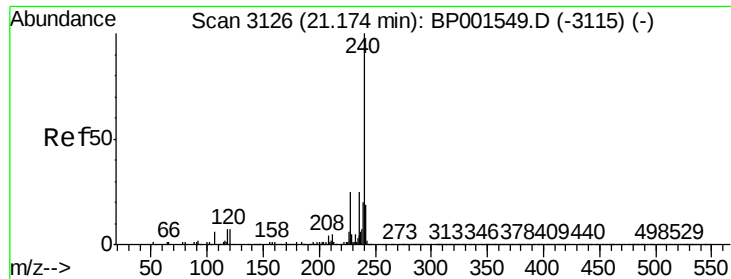


Abundance Ion 188.00 (187.70 to 188.70): E

150000 Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

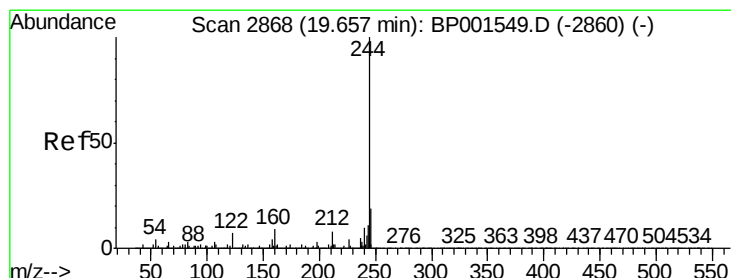
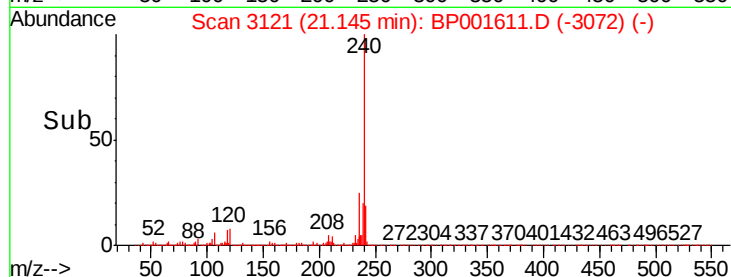
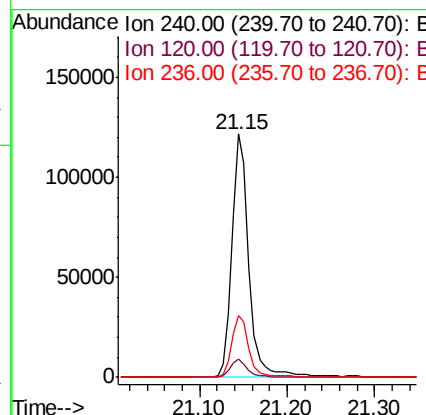
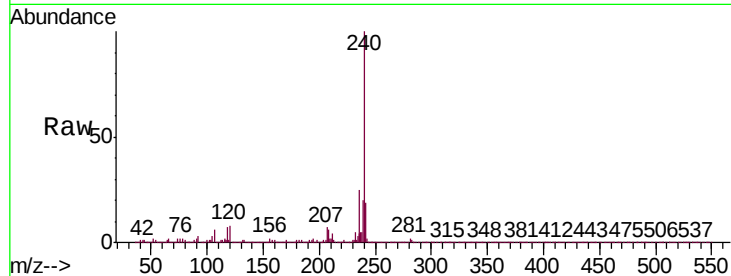




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.15 min Scan# 3121  
Delta R.T. -0.01 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

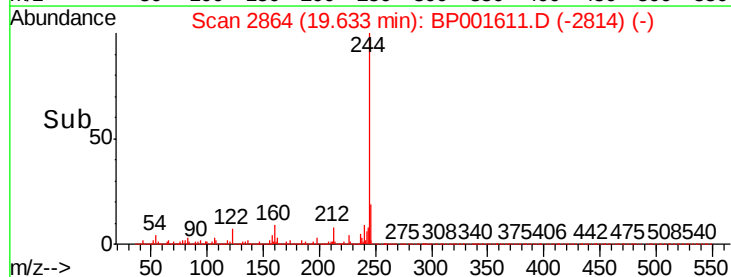
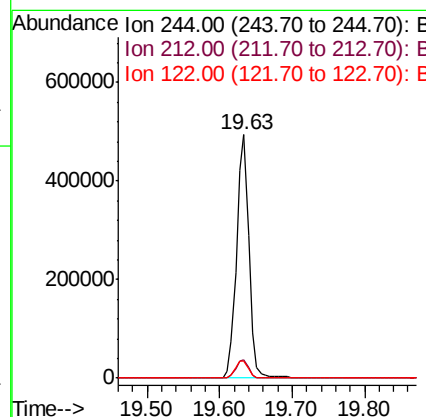
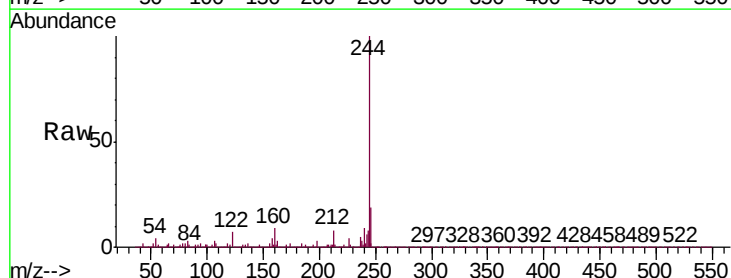
Instrument :  
BNA\_P  
ClientSampleId :  
FESB-33-(3.5-4)

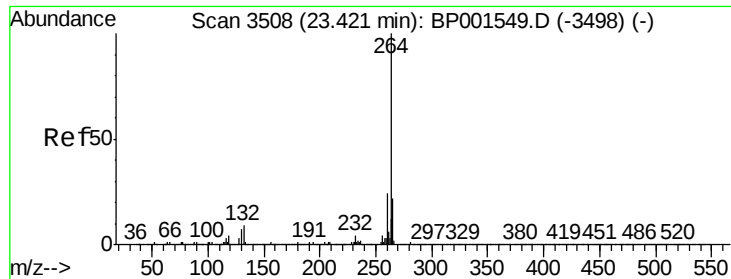
Tgt Ion:240 Resp: 163526  
Ion Ratio Lower Upper  
240 100  
120 7.8 5.7 8.5  
236 25.3 20.4 30.6



#79  
Terphenyl-d14  
Concen: 65.886 ng  
RT: 19.63 min Scan# 2864  
Delta R.T. -0.01 min  
Lab File: BP001611.D  
Acq: 15 Jan 2020 16:17

Tgt Ion:244 Resp: 589057  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.3 9.5  
122 7.1 5.8 8.6





#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.37 min Scan# 3500  
 Delta R.T. -0.02 min  
 Lab File: BP001611.D  
 Acq: 15 Jan 2020 16:17

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FESB-33-(3.5-4)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.0  | 19.0  | 28.6  |
| 265     | 21.2  | 18.2  | 27.4  |

