

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\  
 Data File : BF108839.D  
 Acq On : 6 Sep 2018 22:31  
 Operator : JU/SJ  
 Sample : J4803-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP1-Q2-H7

Quant Time: Sep 07 03:21:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 05 18:03:31 2018  
 Response via : Initial Calibration

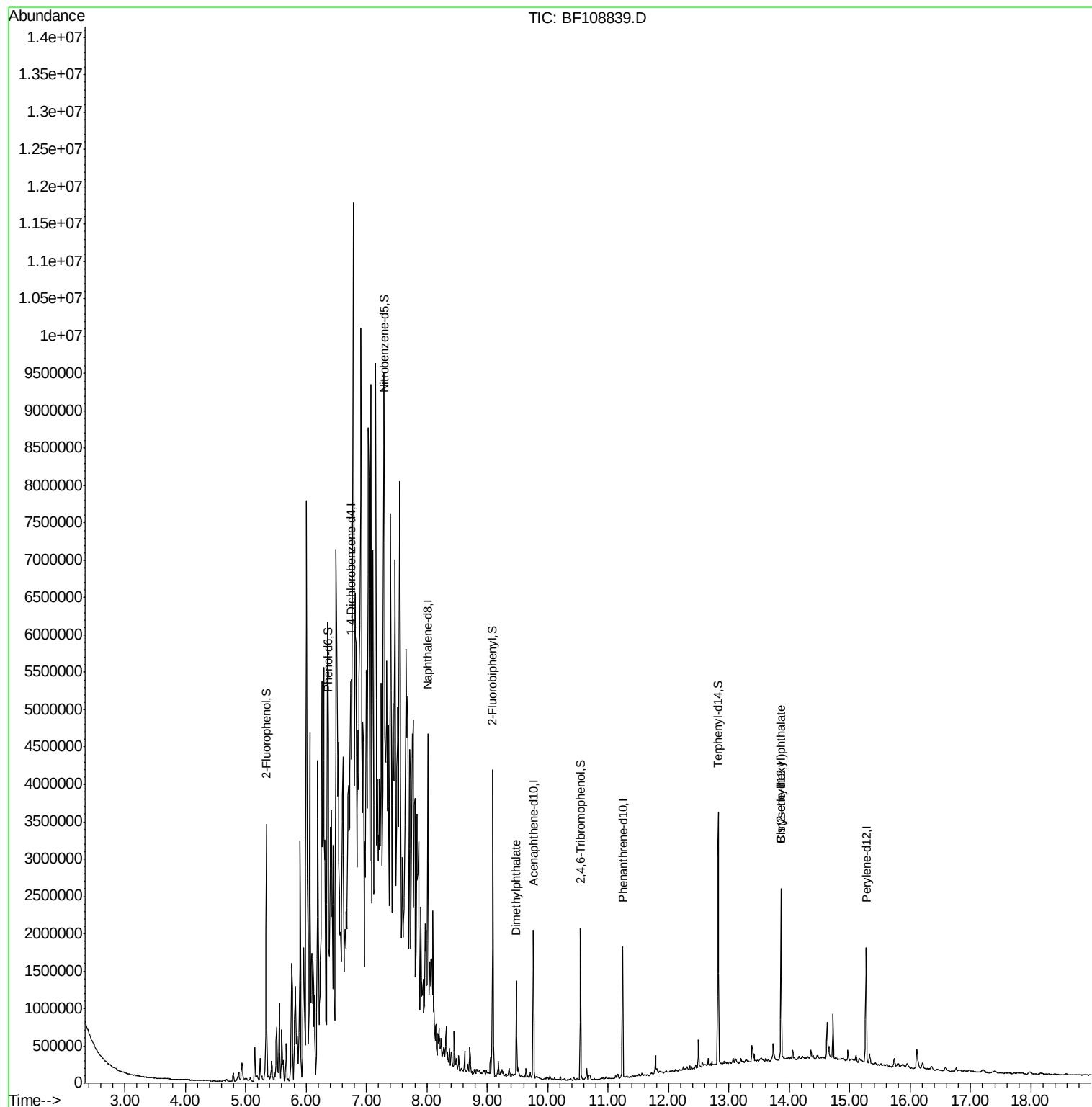
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.74  | 152  | 187506   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.02  | 136  | 688327   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.77  | 164  | 344203   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.24 | 188  | 610510   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 13.87 | 240  | 563754   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.27 | 264  | 656214   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.35  | 112  | 910320   | 80.43  | ng    | 0.01     |
| 7) Phenol-d6                   | 6.37  | 99   | 1083365  | 74.39  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.30  | 82   | 755606   | 68.70  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 10.55 | 330  | 249145   | 75.82  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.09  | 172  | 1229914  | 60.96  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.82 | 244  | 1106067  | 45.75  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 49) Dimethylphthalate          | 9.48  | 163  | 435381   | 18.085 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149  | 179260   | 7.302  | ng    | 99       |

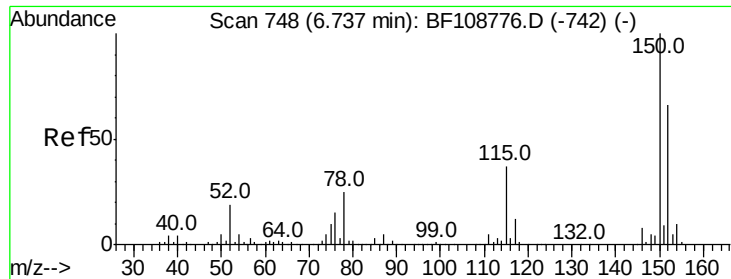
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\  
Data File : BF108839.D  
Acq On : 6 Sep 2018 22:31  
Operator : JU/SJ  
Sample : J4803-12  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-H7

Quant Time: Sep 07 03:21:58 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 05 18:03:31 2018  
Response via : Initial Calibration



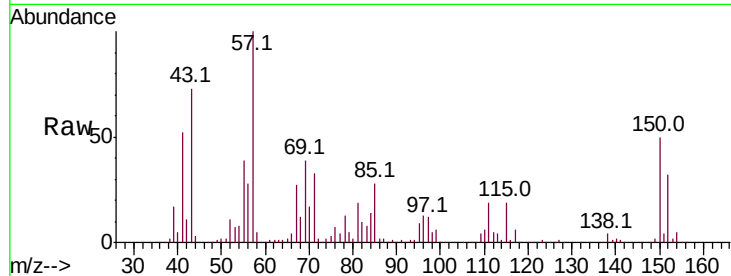


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 749  
Delta R.T. 0.01 min  
Lab File: BF108839.D  
Acq: 6 Sep 2018 22:31

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-H7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.1 | 124.6 | 186.8 |
| 115     | 58.9  | 50.1  | 75.1  |

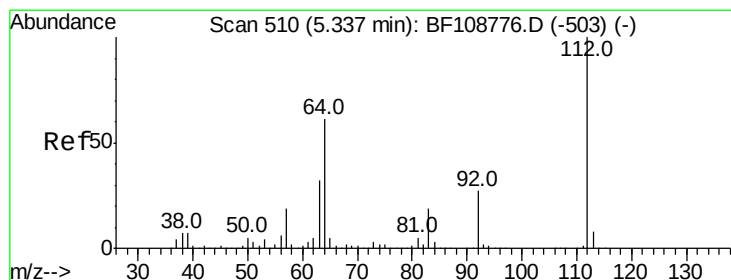
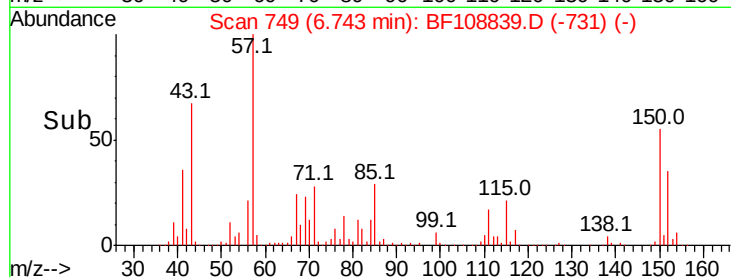
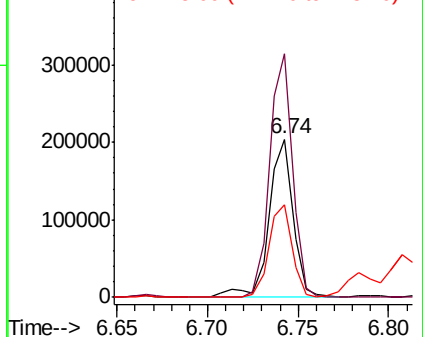


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

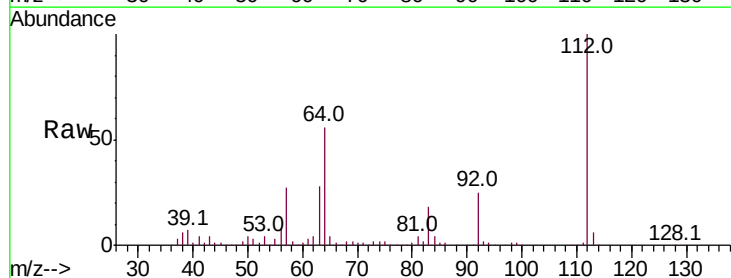
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 80.429 ng  
RT: 5.35 min Scan# 512  
Delta R.T. 0.01 min  
Lab File: BF108839.D  
Acq: 6 Sep 2018 22:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.1  | 47.9  | 71.9  |
| 63      | 28.4  | 23.7  | 35.5  |

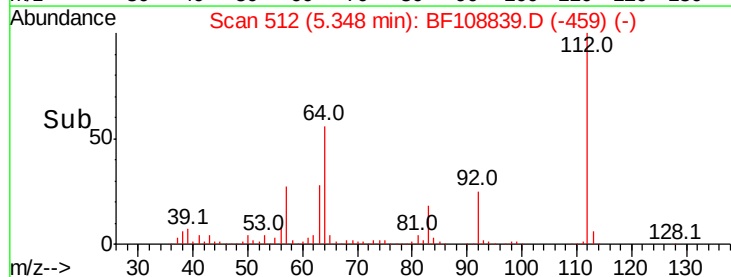
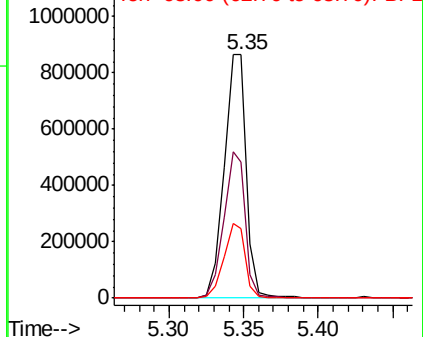


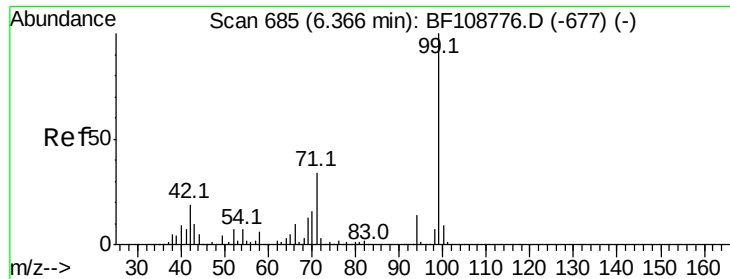
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.393 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108839.D

Acq: 6 Sep 2018 22:31

Instrument :

BNA\_F

ClientSampleId :

EP1-Q2-H7

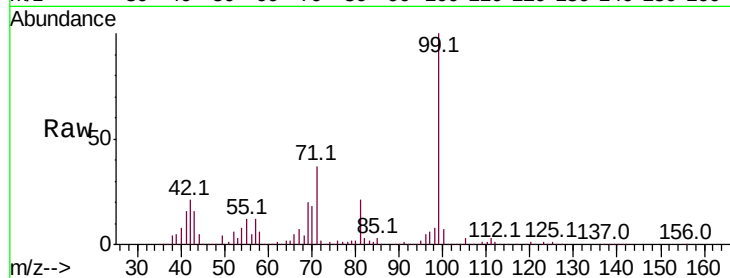
Tot Ion: 99 Resp: 1083365

Ion Ratio Lower Upper

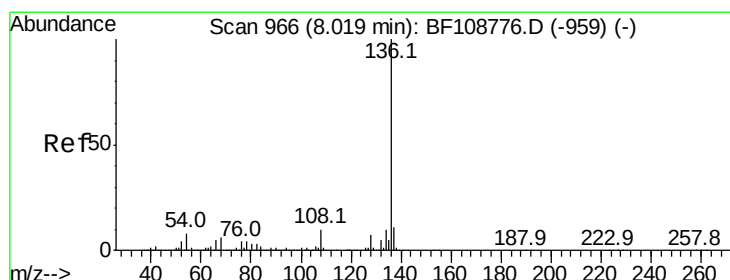
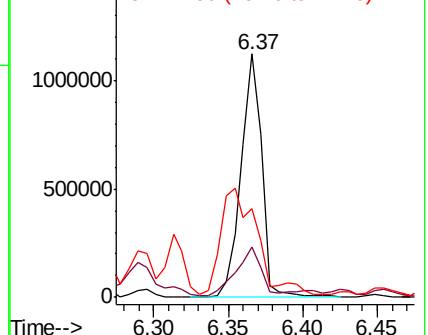
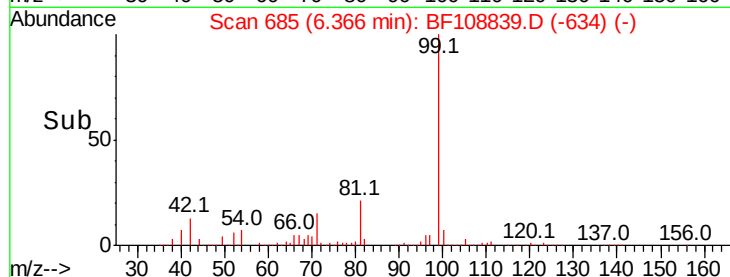
99 100

42 20.7 14.5 21.7

71 36.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108839.D

Acq: 6 Sep 2018 22:31

Tgt Ion: 136 Resp: 688327

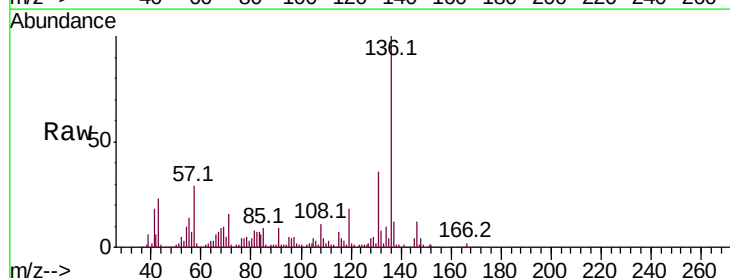
Ion Ratio Lower Upper

136 100

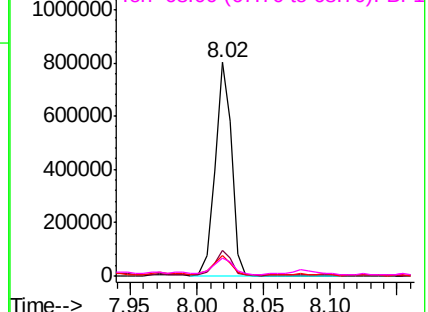
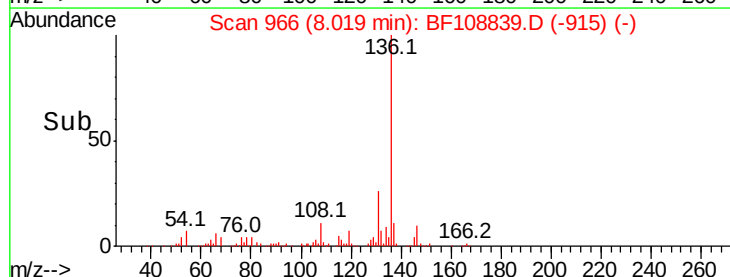
137 12.1 8.9 13.3

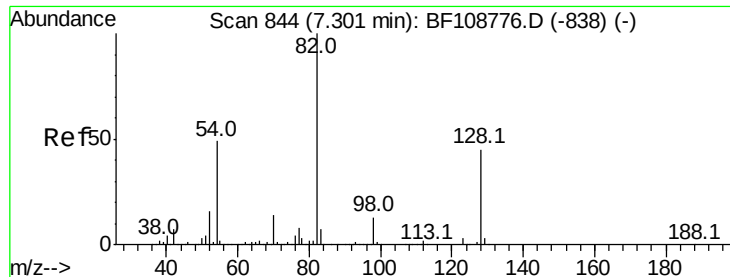
54 9.6 6.6 9.8

68 8.6 5.0 7.4#



Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

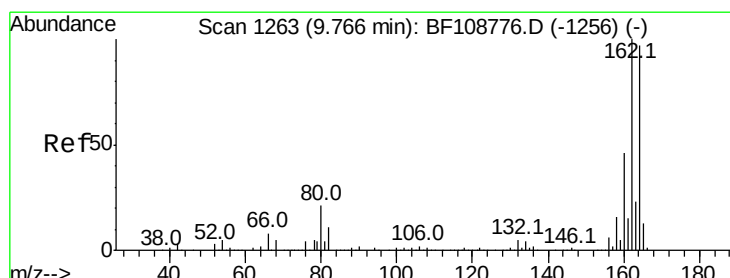
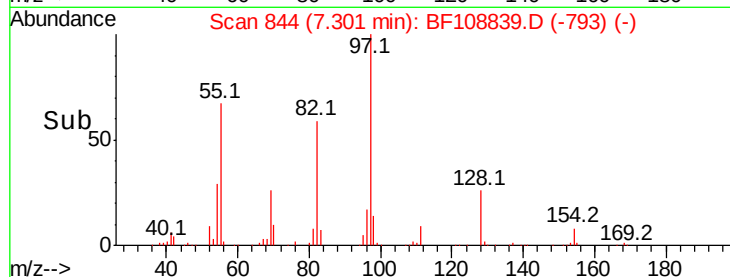
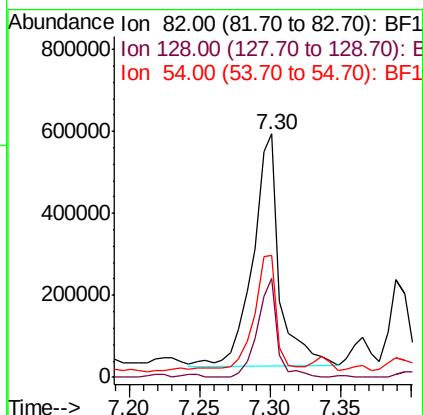
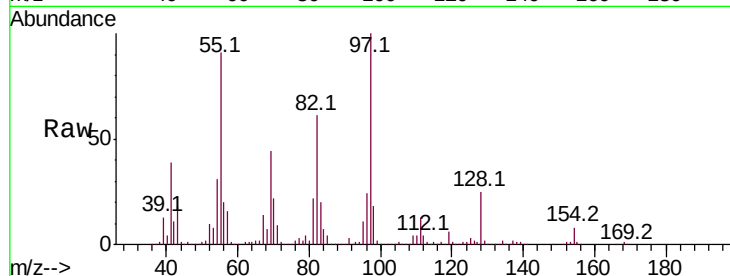




#23  
Nitrobenzene-d5  
Concen: 68.698 ng  
RT: 7.30 min Scan# 844  
Delta R.T. 0.00 min  
Lab File: BF108839.D  
Acq: 6 Sep 2018 22:31

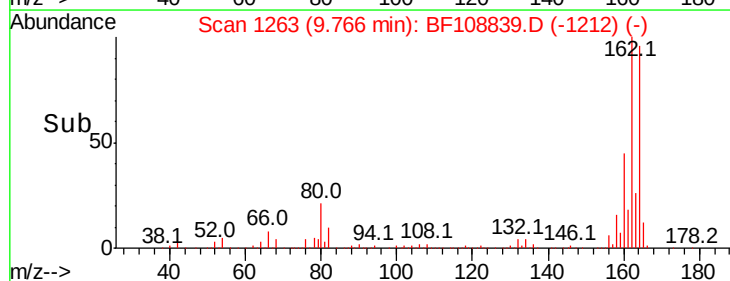
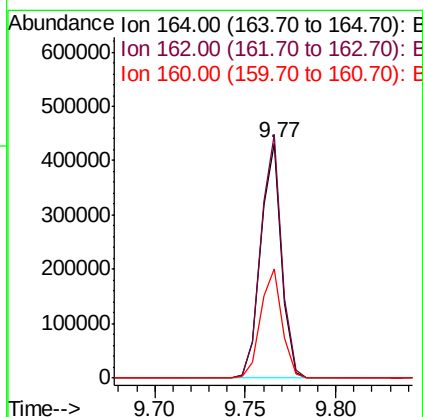
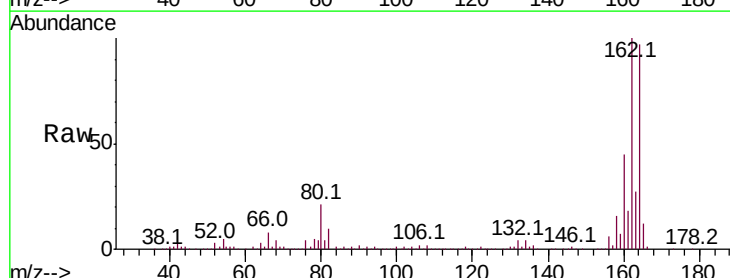
Instrument :  
BNA\_F  
ClientSampleId :  
EP1-Q2-H7

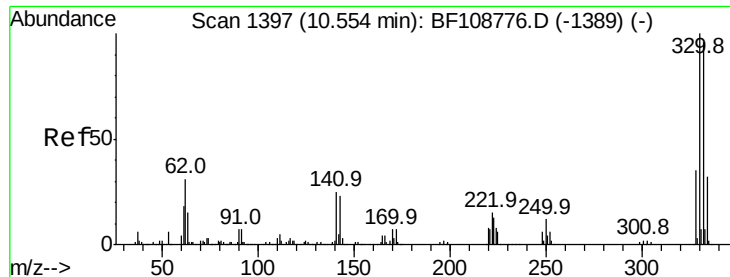
Tot Ion: 82 Resp: 755606  
Ion Ratio Lower Upper  
82 100  
128 40.6 36.1 54.1  
54 50.3 41.4 62.2



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.77 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: BF108839.D  
Acq: 6 Sep 2018 22:31

Tgt Ion: 164 Resp: 344203  
Ion Ratio Lower Upper  
164 100  
162 103.6 86.1 129.1  
160 46.6 38.3 57.5

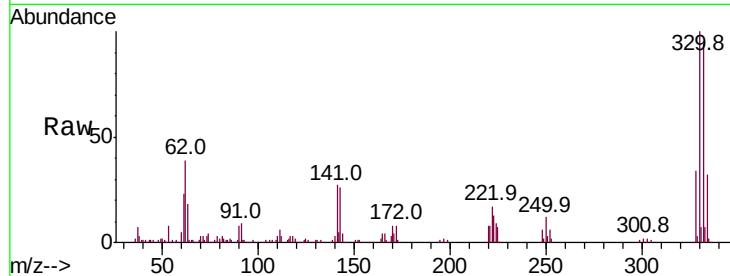




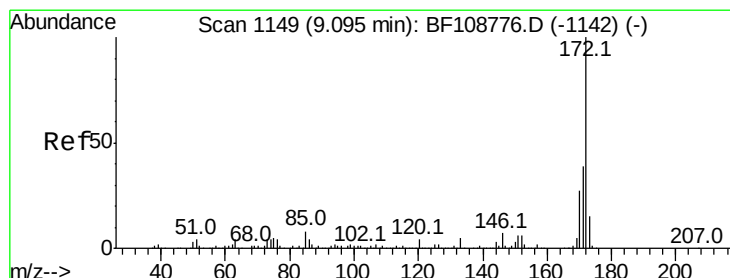
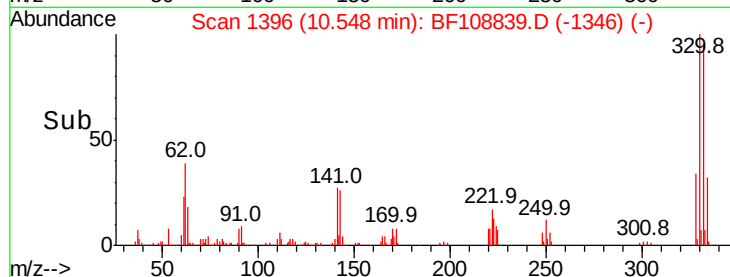
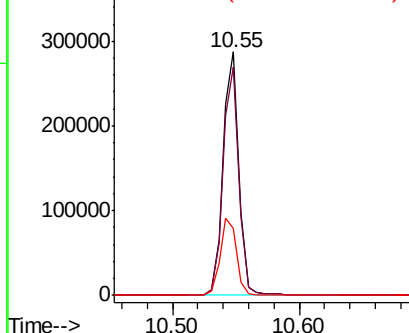
#41  
 2,4,6-Tribromophenol  
 Concen: 75.822 ng  
 RT: 10.55 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF108839.D  
 Acq: 6 Sep 2018 22:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP1-Q2-H7

Tot Ion:330 Resp: 249145  
 Ion Ratio Lower Upper  
 330 100  
 332 94.7 77.0 115.6  
 141 33.6 29.9 44.9

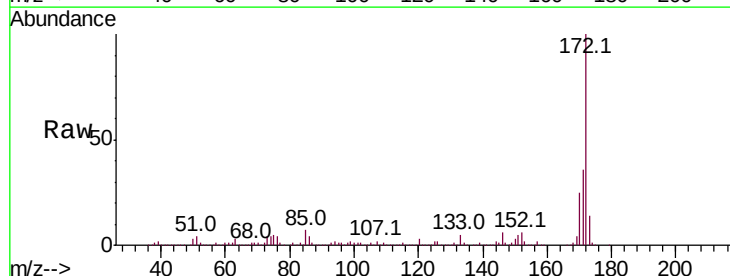


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

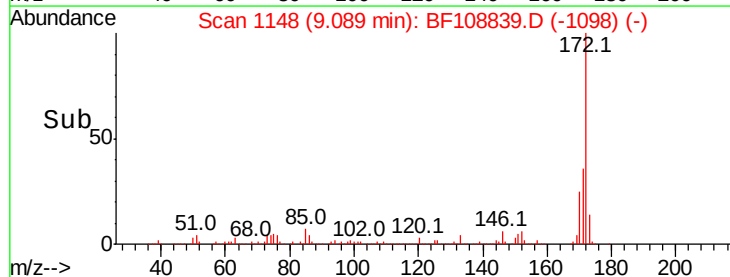
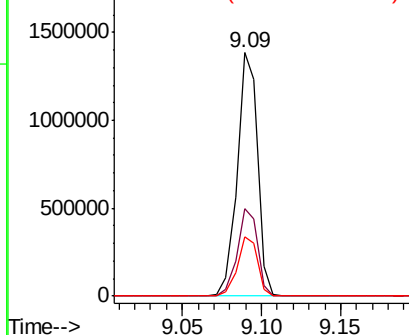


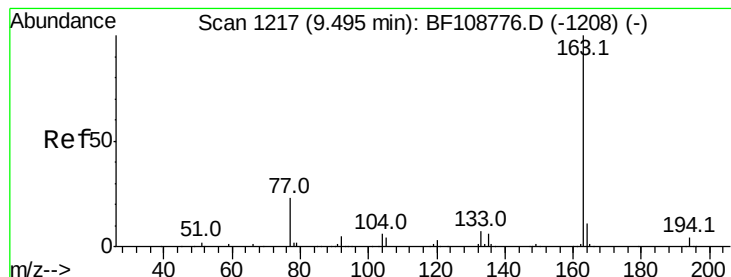
#44  
 2-Fluorobiphenyl  
 Concen: 60.959 ng  
 RT: 9.09 min Scan# 1148  
 Delta R.T. -0.01 min  
 Lab File: BF108839.D  
 Acq: 6 Sep 2018 22:31

Tgt Ion:172 Resp: 1229914  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 29.7 44.5  
 170 24.5 19.6 29.4



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





#49

Dimethylphthalate

Concen: 18.085 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108839.D

Acq: 6 Sep 2018 22:31

Instrument :

BNA\_F

ClientSampleId :

EP1-Q2-H7

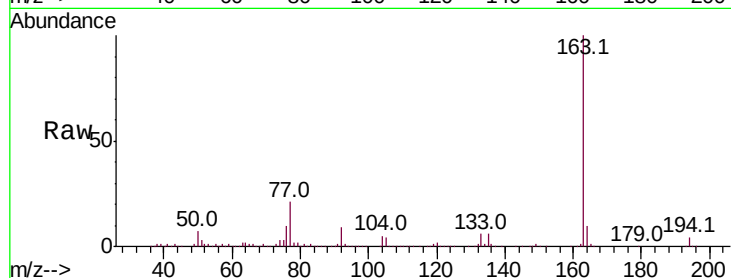
Tot Ion:163 Resp: 435381

Ion Ratio Lower Upper

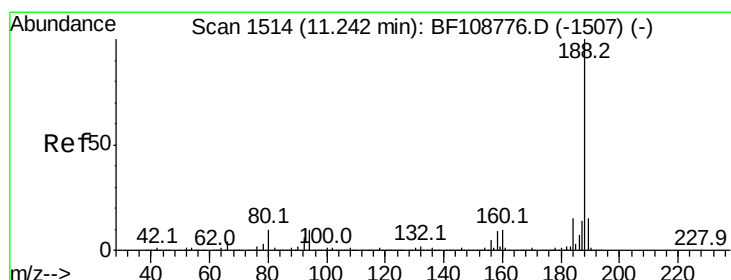
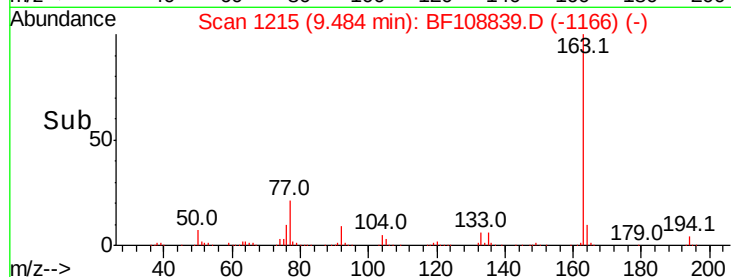
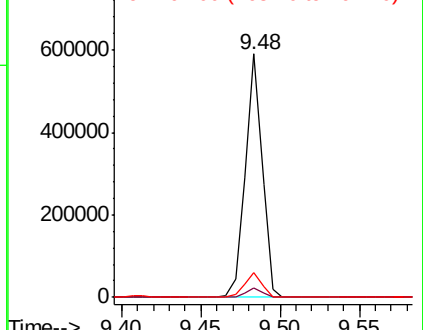
163 100

194 4.0 2.7 4.1

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF108839.D

Acq: 6 Sep 2018 22:31

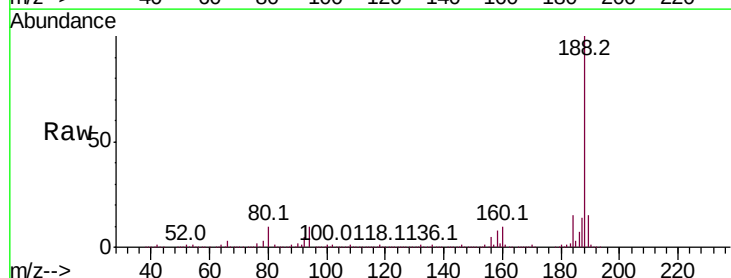
Tgt Ion:188 Resp: 610510

Ion Ratio Lower Upper

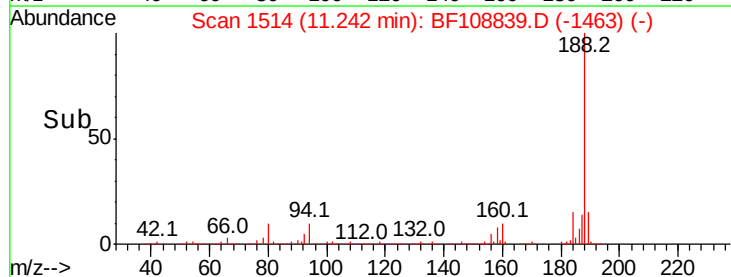
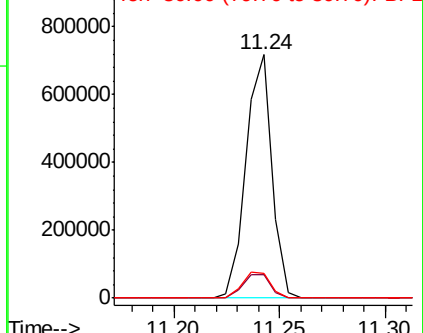
188 100

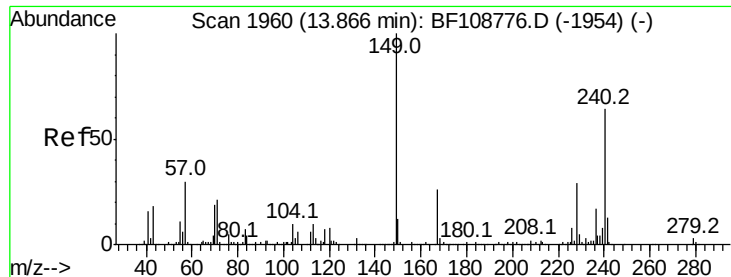
94 9.9 8.5 12.7

80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108839.D

Acq: 6 Sep 2018 22:31

Instrument :

BNA\_F

ClientSampleId :

EP1-Q2-H7

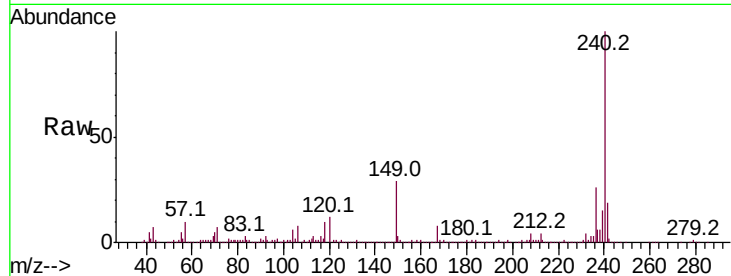
Tot Ion:240 Resp: 563754

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

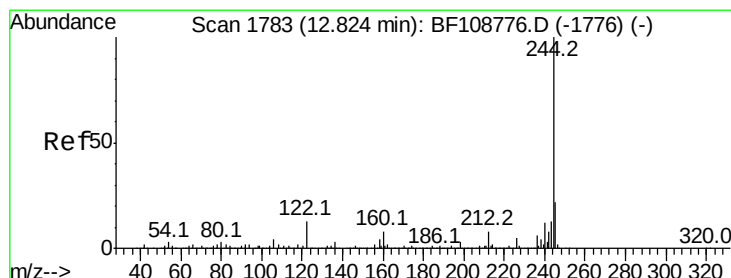
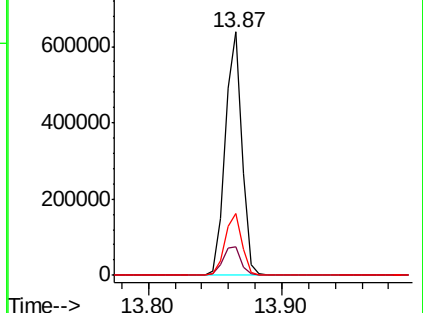
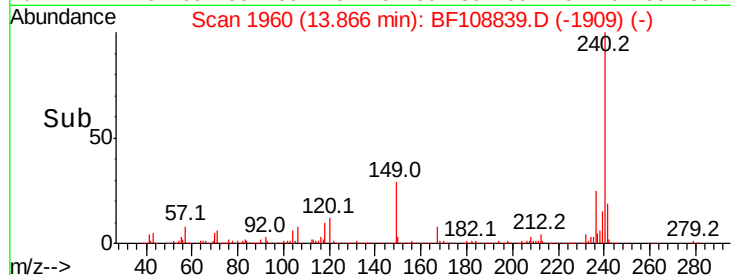
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 45.751 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108839.D

Acq: 6 Sep 2018 22:31

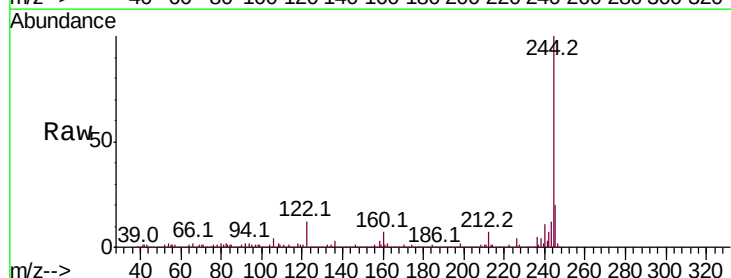
Tgt Ion:244 Resp: 1106067

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

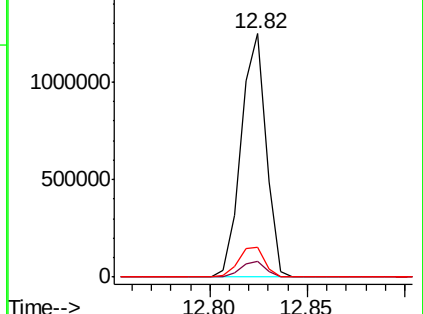
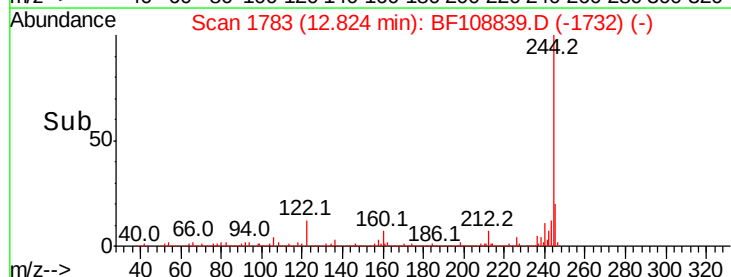
122 12.1 11.0 16.4



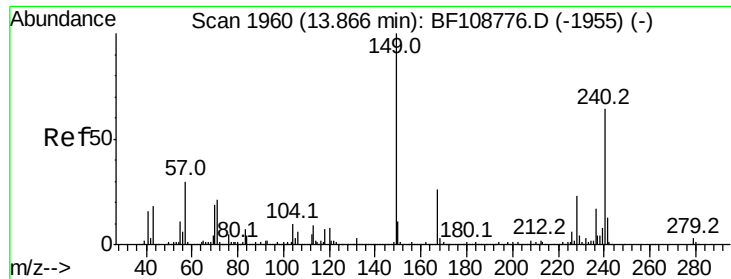
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



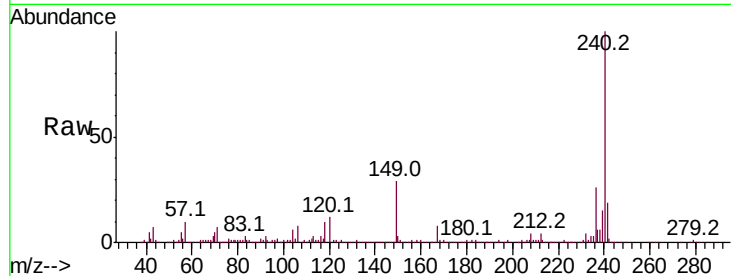




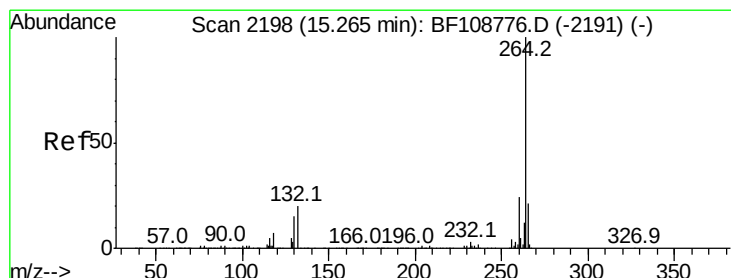
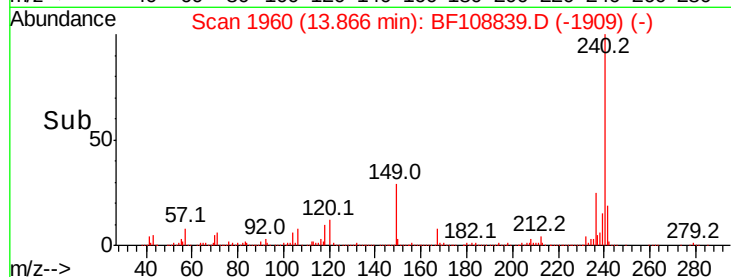
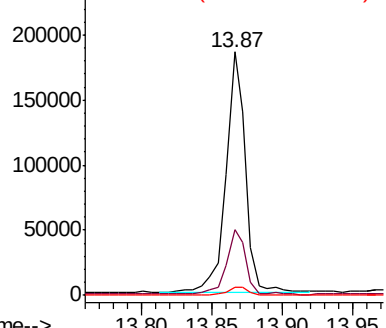
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 7.302 ng  
 RT: 13.87 min Scan# 1960  
 Delta R.T. 0.00 min  
 Lab File: BF108839.D  
 Acq: 6 Sep 2018 22:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP1-Q2-H7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 21.3  | 31.9  |
| 279     | 3.6   | 3.0   | 4.4   |

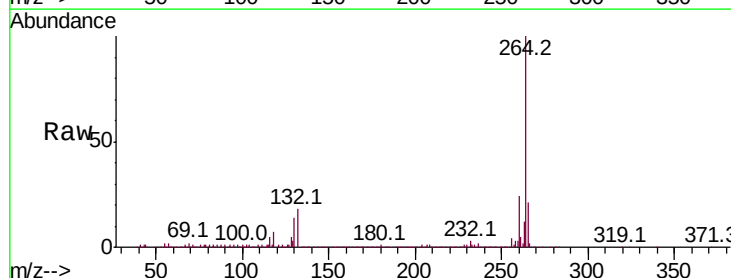


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.27 min Scan# 2199  
 Delta R.T. 0.01 min  
 Lab File: BF108839.D  
 Acq: 6 Sep 2018 22:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.2  | 28.8  |
| 265     | 21.3  | 17.5  | 26.3  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

