

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\  
 Data File : BM017904.D  
 Acq On : 04 Dec 2018 16:09  
 Operator : JU/SJ  
 Sample : J6074-03 2X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 002-WC-NY6

Quant Time: Dec 04 16:44:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 16:11:55 2018  
 Response via : Initial Calibration

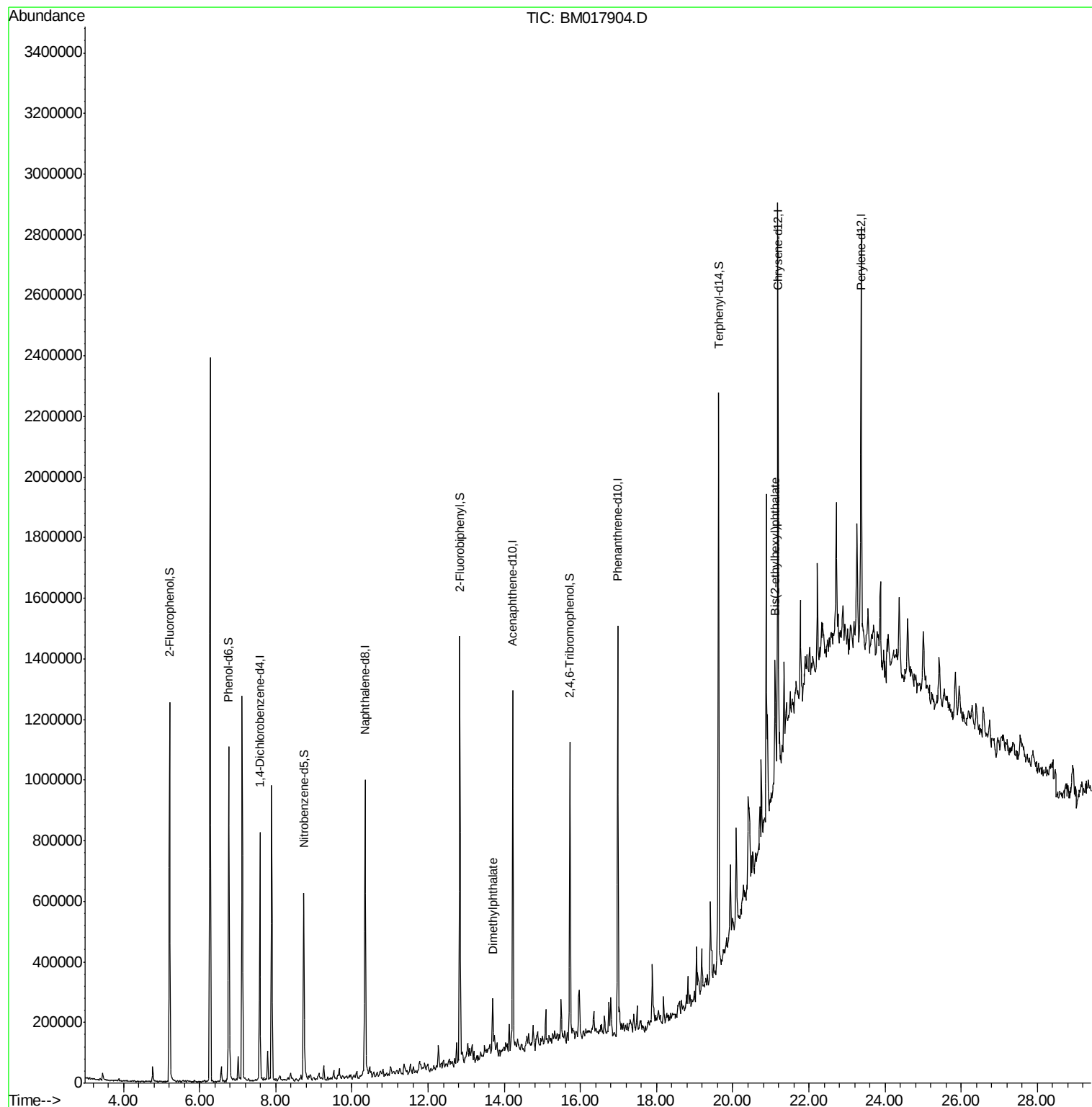
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 228130   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.35 | 136  | 818918   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10           | 14.22 | 164  | 398259   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10           | 16.98 | 188  | 785012   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 21.19 | 240  | 868340   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12               | 23.37 | 264  | 965564   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.21  | 112  | 537533   | 39.77 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.77  | 99   | 662369   | 35.08 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 8.73  | 82   | 393101   | 24.78 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 15.73 | 330  | 193580   | 33.83 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 12.83 | 172  | 741343   | 24.15 | ng    | 0.00     |
| 79) Terphenyl-d14              | 19.63 | 244  | 861959   | 22.50 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 50) Dimethylphthalate          | 13.69 | 163  | 86197    | 2.662 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.11 | 149  | 133656   | 4.155 | ng    | 99       |

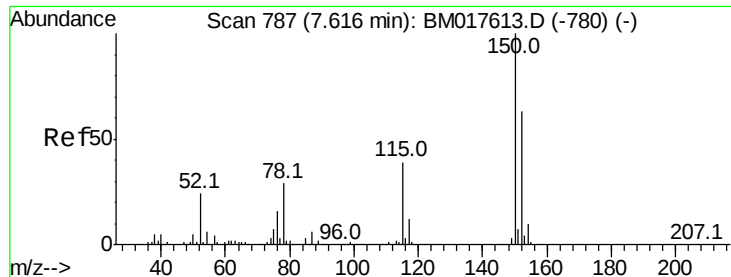
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
002-WC-NY6

Quant Time: Dec 04 16:44:02 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 04 16:11:55 2018  
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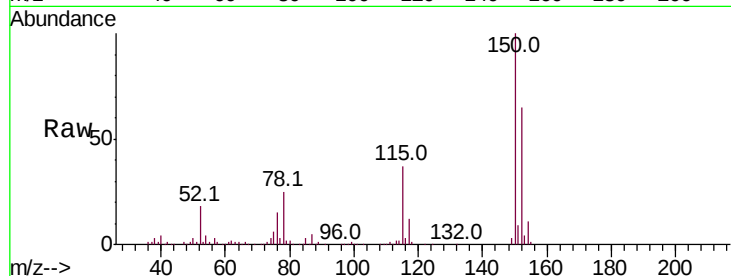


#1

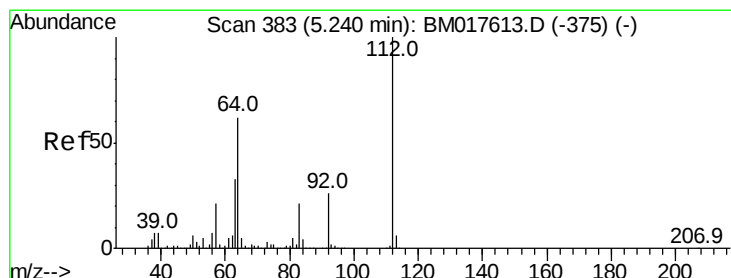
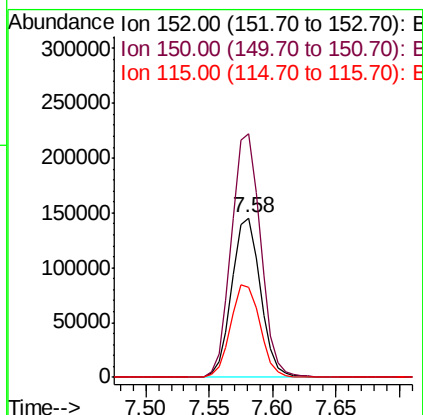
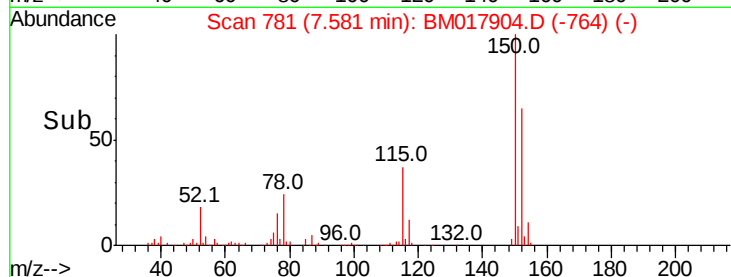
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.58 min Scan# 781  
Delta R.T. 0.00 min  
Lab File: BM017904.D  
Acq: 04 Dec 2018 16:09

Instrument :  
BNA\_M  
ClientSampleId :  
002-WC-NY6

Tot Ion:152 Resp: 228130  
Ion Ratio Lower Upper  
152 100  
150 152.7 126.4 189.6  
115 56.6 49.4 74.0



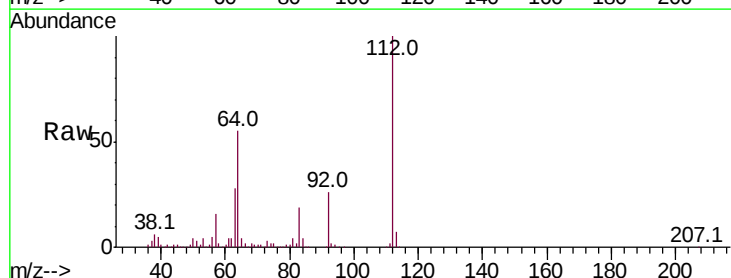
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



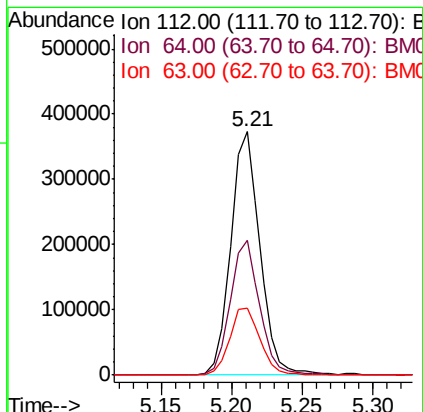
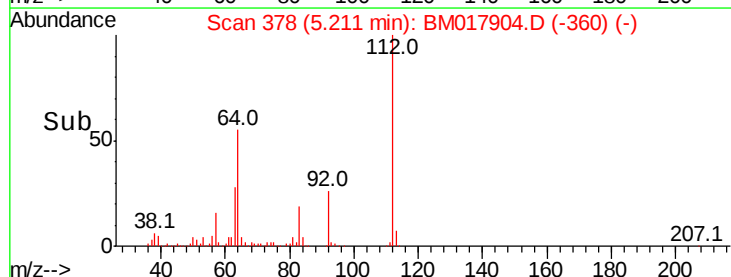
#5

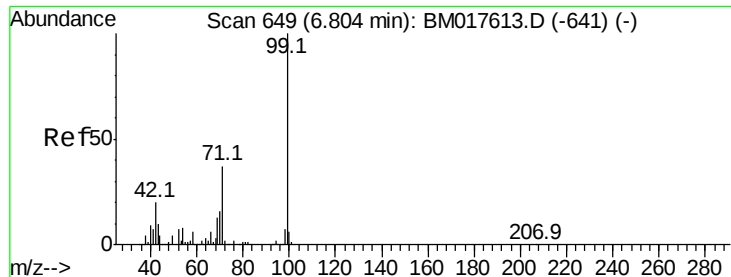
2-Fluorophenol  
Concen: 39.765 ng  
RT: 5.21 min Scan# 378  
Delta R.T. 0.01 min  
Lab File: BM017904.D  
Acq: 04 Dec 2018 16:09

Tgt Ion:112 Resp: 537533  
Ion Ratio Lower Upper  
112 100  
64 55.2 49.3 73.9  
63 27.6 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 35.084 ng

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Instrument :

BNA\_M

ClientSampled :

002-WC-NY6

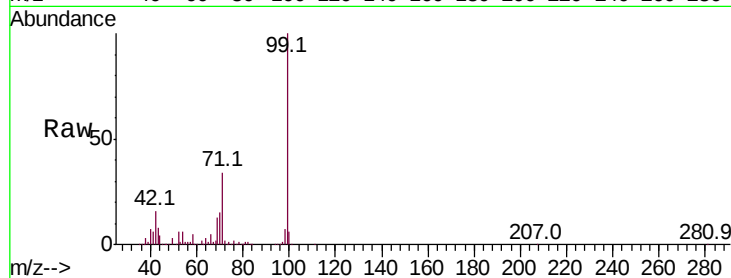
Tot Ion: 99 Resp: 662369

Ion Ratio Lower Upper

99 100

42 15.7 16.3 24.5#

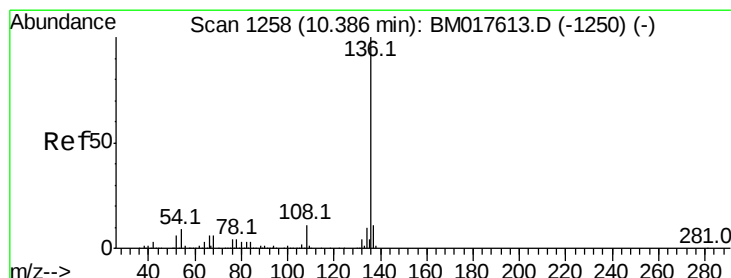
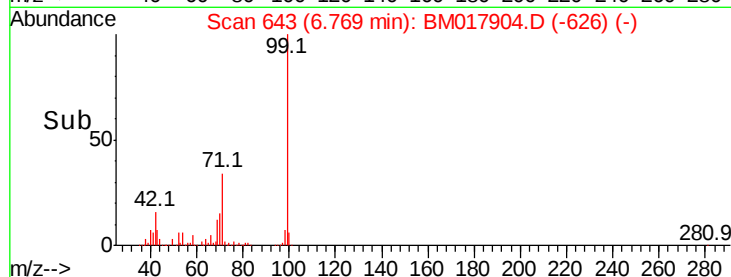
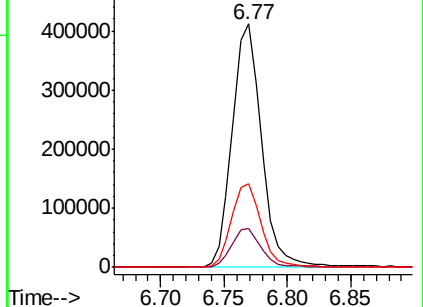
71 34.2 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Tgt Ion: 136 Resp: 818918

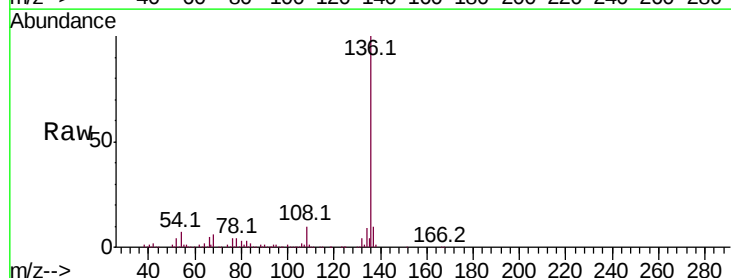
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 6.9 7.0 10.6#

68 5.8 4.9 7.3

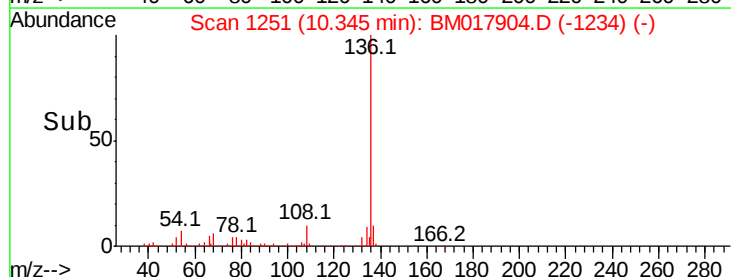
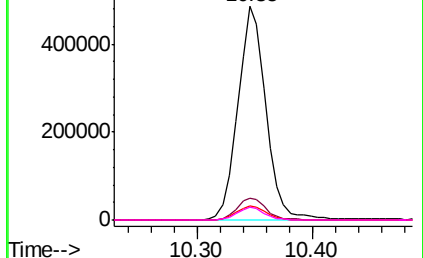


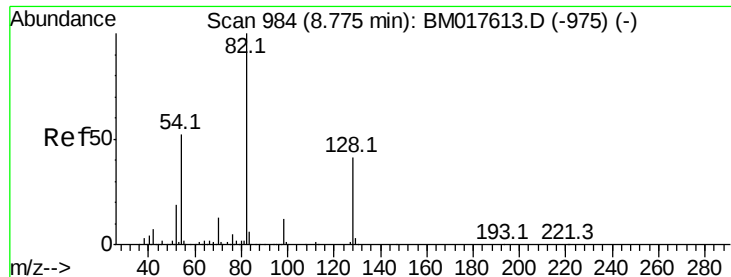
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)

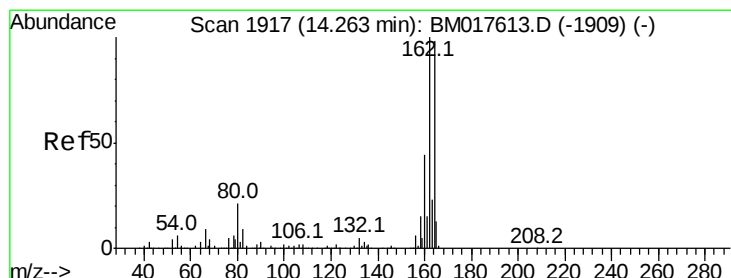
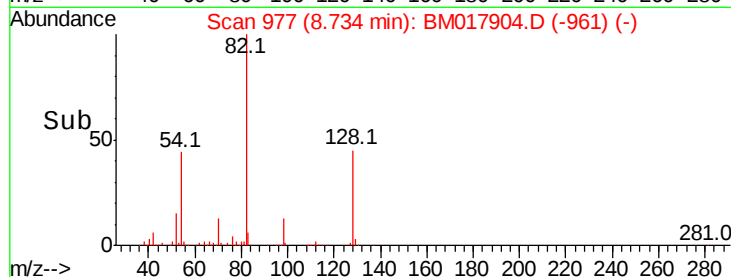
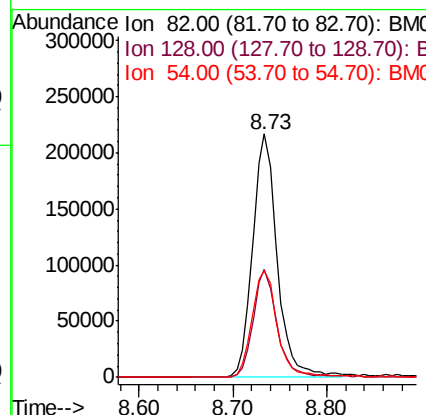
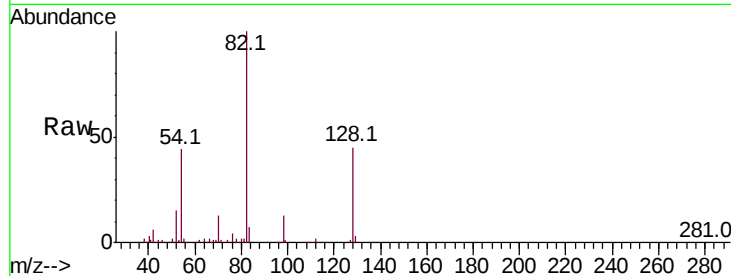




#23  
Nitrobenzene-d5  
Concen: 24.781 ng  
RT: 8.73 min Scan# 977  
Delta R.T. -0.01 min  
Lab File: BM017904.D  
Acq: 04 Dec 2018 16:09

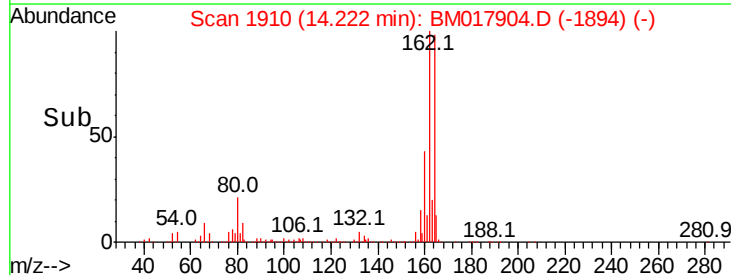
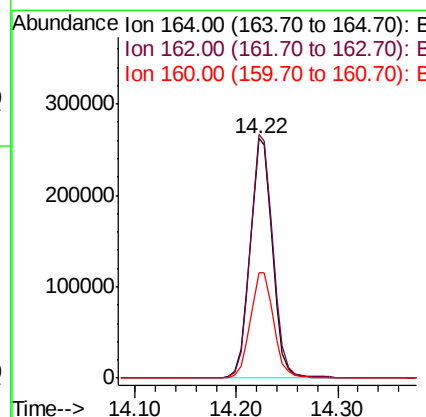
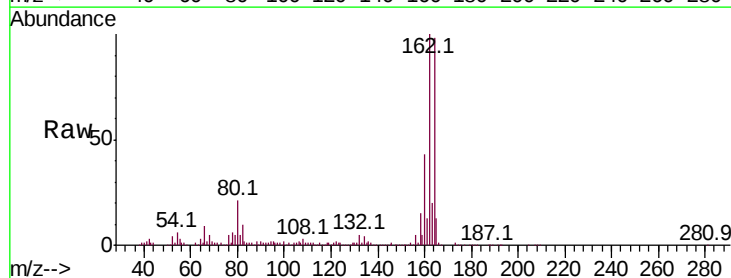
Instrument :  
BNA\_M  
ClientSampleId :  
002-WC-NY6

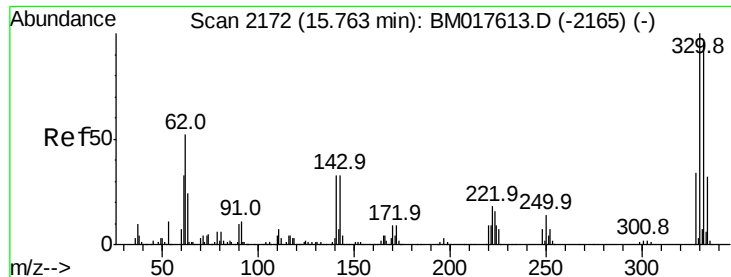
| Tot Ion   | 82    | Resp  | 393101 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.5  | 33.0  | 49.4   |
| 54        | 43.8  | 41.4  | 62.2   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.22 min Scan# 1910  
Delta R.T. -0.01 min  
Lab File: BM017904.D  
Acq: 04 Dec 2018 16:09

| Tgt Ion   | 164   | Resp  | 398259 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.8 | 81.4  | 122.0  |
| 160       | 43.8  | 35.6  | 53.4   |

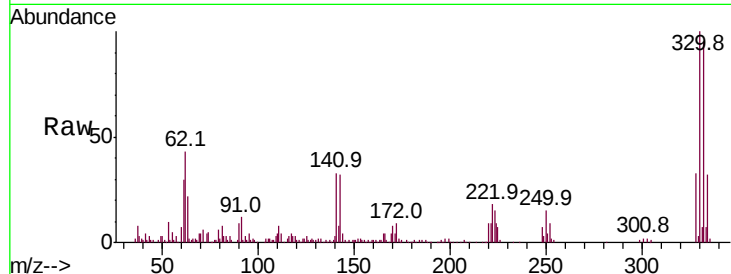




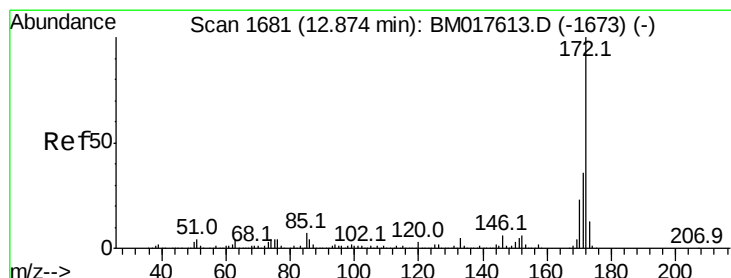
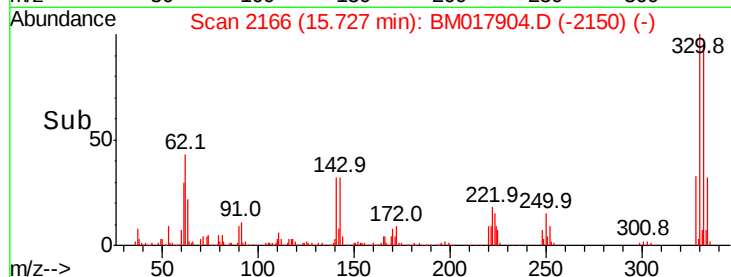
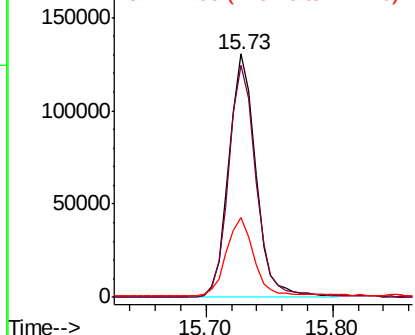
#42  
 2,4,6-Tribromophenol  
 Concen: 33.828 ng  
 RT: 15.73 min Scan# 2166  
 Delta R.T. -0.01 min  
 Lab File: BM017904.D  
 Acq: 04 Dec 2018 16:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 002-WC-NY6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.2  | 77.9  | 116.9 |
| 141     | 32.7  | 27.5  | 41.3  |

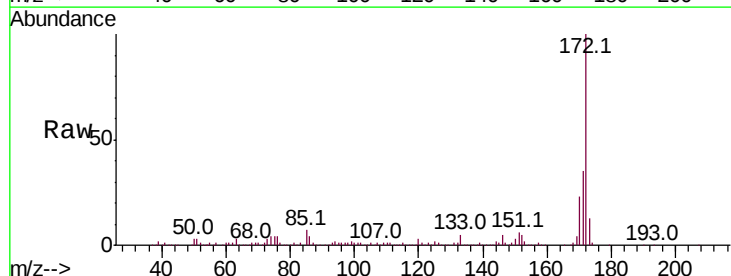


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

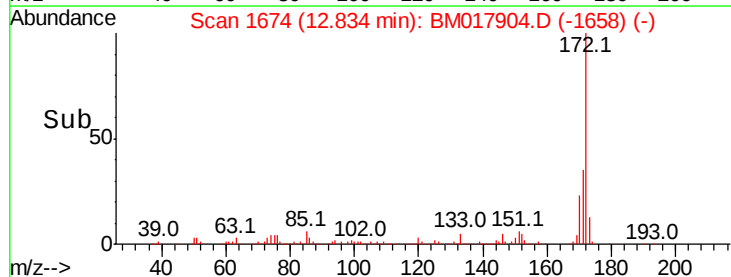
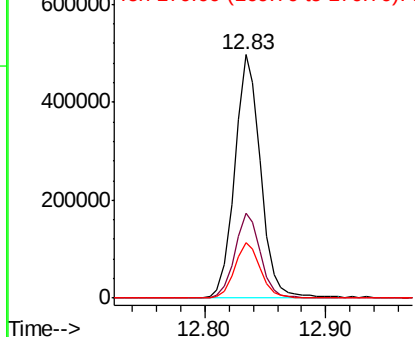


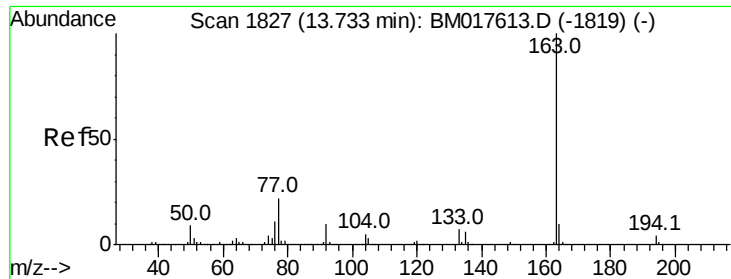
#45  
 2-Fluorobiphenyl  
 Concen: 24.149 ng  
 RT: 12.83 min Scan# 1674  
 Delta R.T. -0.01 min  
 Lab File: BM017904.D  
 Acq: 04 Dec 2018 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.7  | 28.7  | 43.1  |
| 170     | 22.8  | 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: 2.662 ng

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Instrument :

BNA\_M

ClientSampleId :

002-WC-NY6

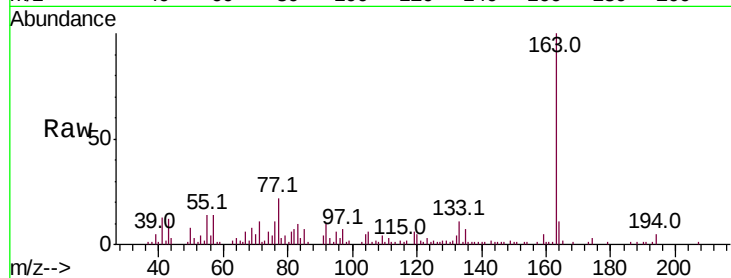
Tot Ion:163 Resp: 86197

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7

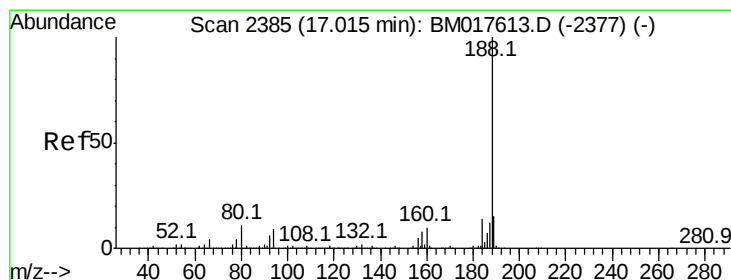
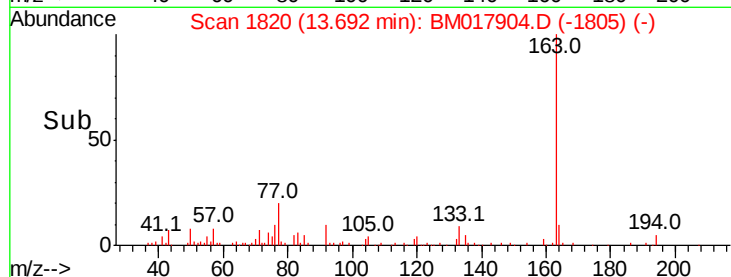
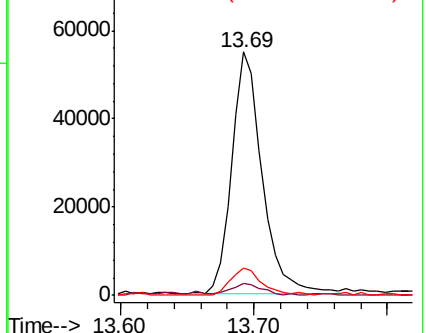
164 11.1 8.2 12.4



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

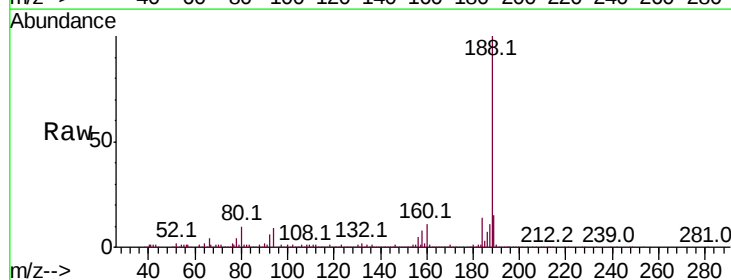
Tgt Ion:188 Resp: 785012

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

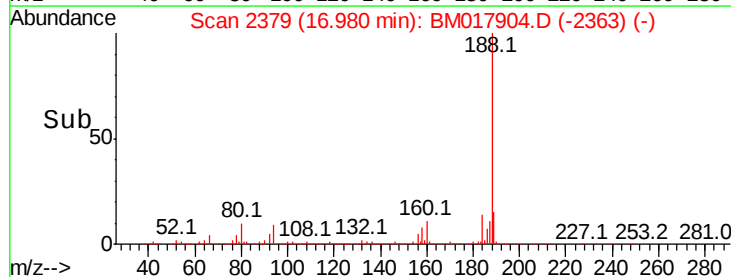
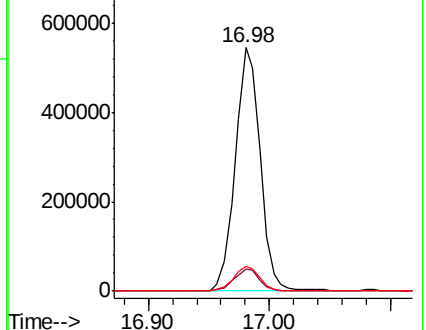
80 10.3 8.6 13.0

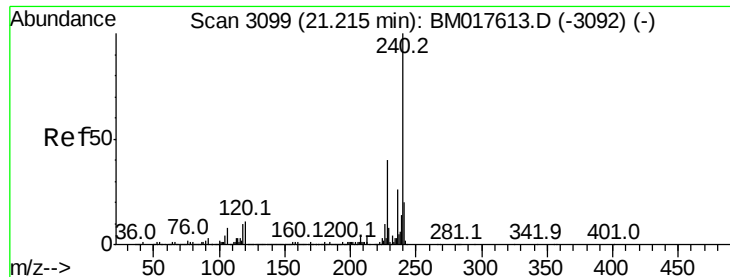


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

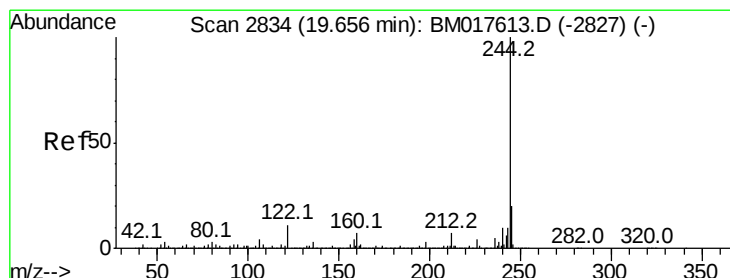
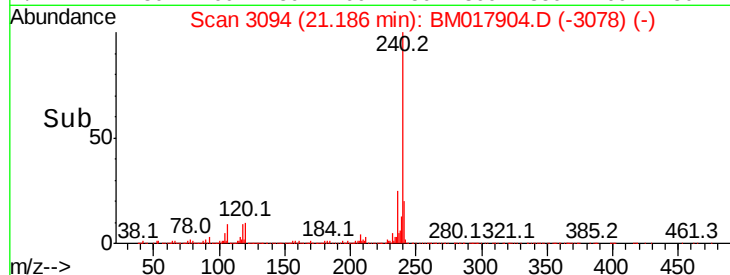
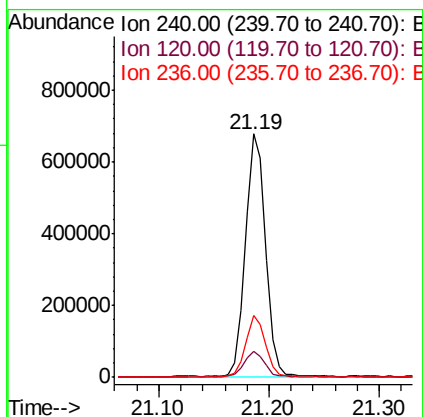
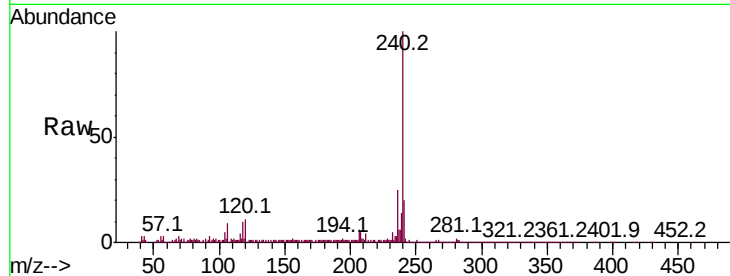
Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Instrument :  
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Tot Ion:240 Resp: 868340

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.7  | 8.5   | 12.7  |
| 236 | 25.3  | 20.4  | 30.6  |



#79

Terphenyl-d14

Concen: 22.498 ng

RT: 19.63 min Scan# 2829

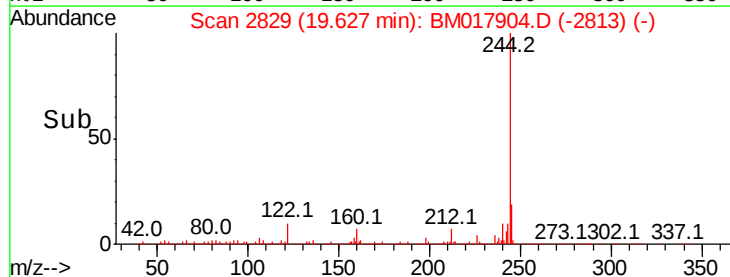
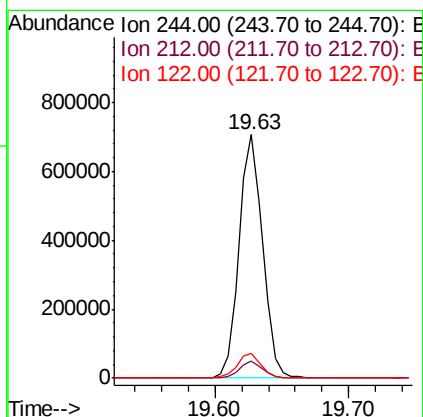
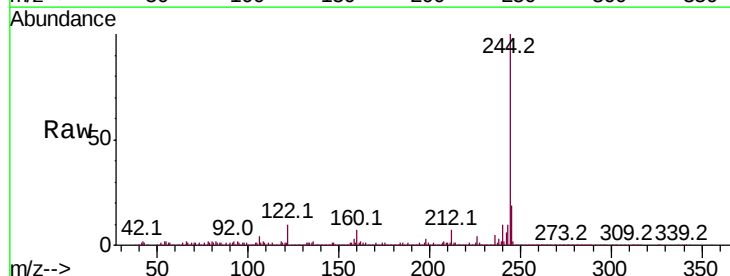
Delta R.T. -0.01 min

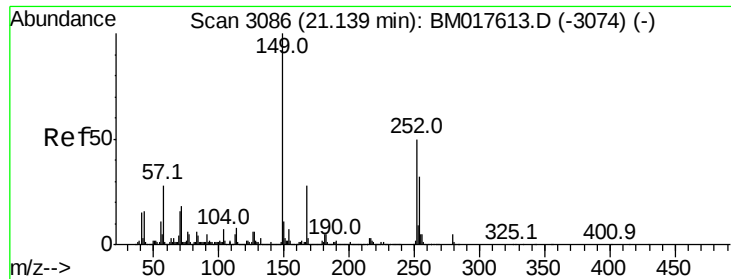
Lab File: BM017904.D

Acq: 04 Dec 2018 16:09

Tgt Ion:244 Resp: 861959

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.8   | 8.6   |
| 122 | 10.3  | 9.0   | 13.6  |

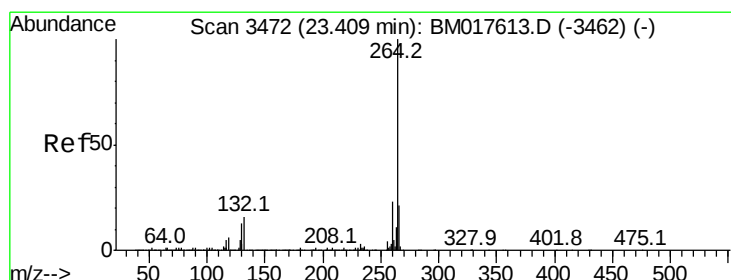
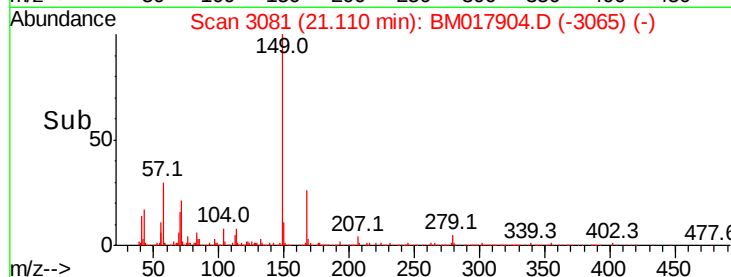
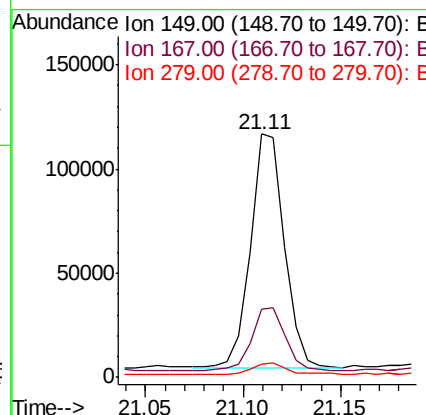
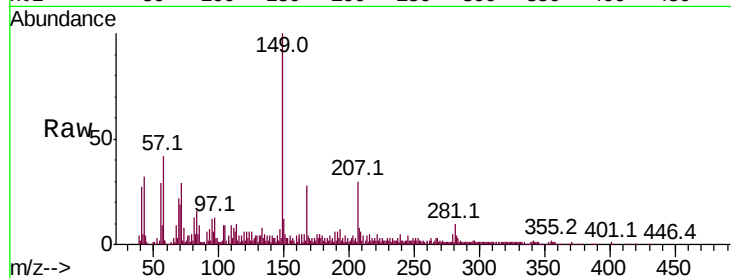




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.155 ng  
 RT: 21.11 min Scan# 3081  
 Delta R.T. -0.01 min  
 Lab File: BM017904.D  
 Acq: 04 Dec 2018 16:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 002-WC-NY6

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.1  | 22.2  | 33.4  |
| 279     | 5.5   | 3.7   | 5.5   |



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.37 min Scan# 3466  
 Delta R.T. 0.01 min  
 Lab File: BM017904.D  
 Acq: 04 Dec 2018 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 18.2  | 27.2  |
| 265     | 23.3  | 17.5  | 26.3  |

