

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061118\  
 Data File : BM015612.D  
 Acq On : 11 Jun 2018 19:56  
 Operator : SJ/JU  
 Sample : J3346-14MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 12 03:12:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060818MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 12 03:10:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 39407    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 199092   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 127437   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.68 | 188  | 333023   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.79 | 240  | 457234   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.20 | 264  | 582756   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.54  | 96  | 4487    | 5.53  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.48  | 99  | 115898  | 32.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.65  | 67  | 76878   | 35.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.86  | 132 | 93432   | 34.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 102367  | 33.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 49647   | 37.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 53651   | 37.26 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 101344  | 33.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.31 | 131 | 162830  | 49.01 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.36 | 166 | 437461  | 41.46 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 474627  | 41.71 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 75083   | 36.87 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.94 | 176 | 384687  | 43.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 54632   | 27.23 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.77 | 188 | 640548  | 42.19 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 20.03 | 212 | 785229  | 39.92 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.04 | 264 | 1209957 | 41.42 | ng/ul | 0.00 |

## Target Compounds

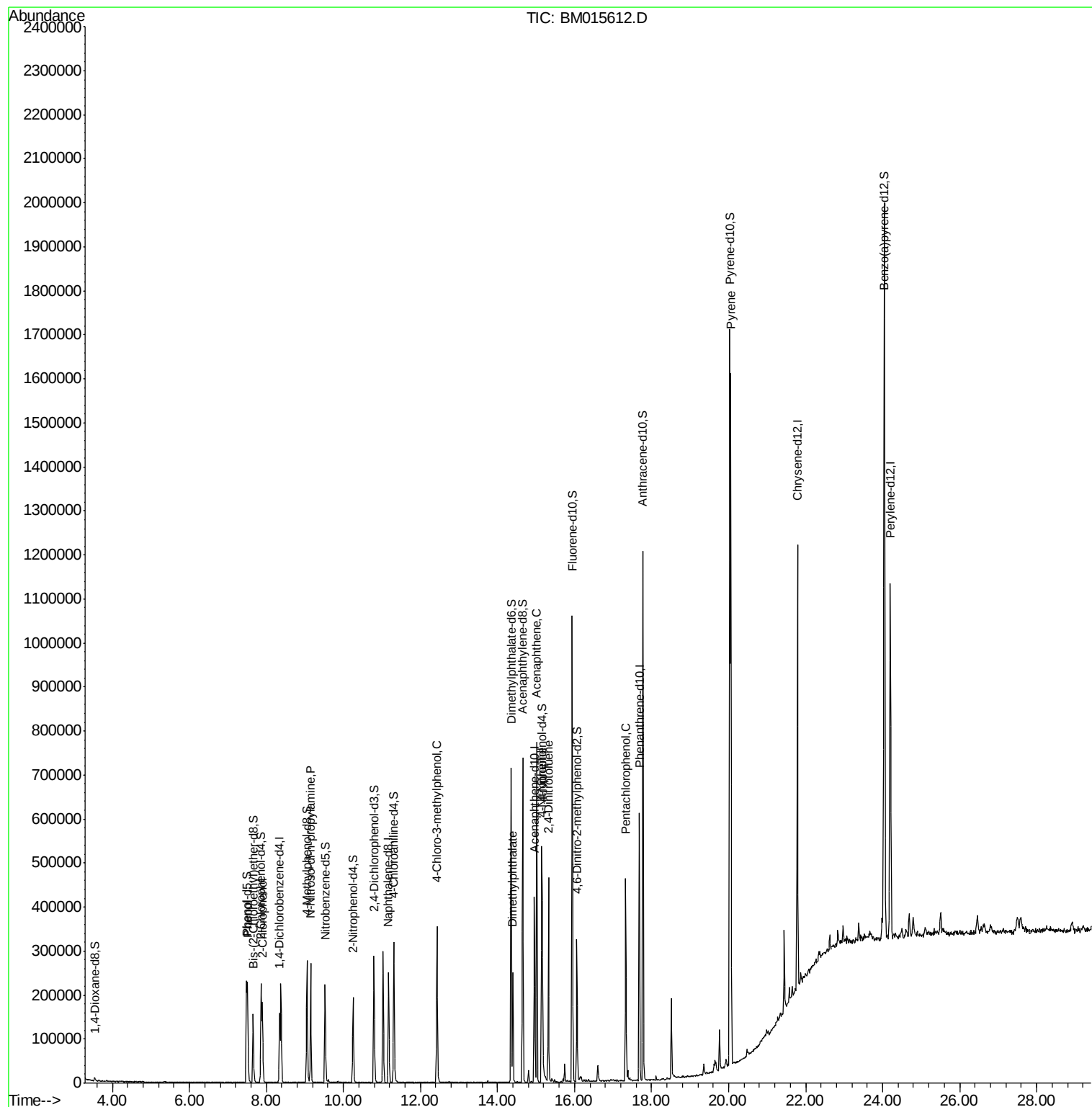
|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 6) Phenol                      | 7.51  | 94  | 111183 | 29.918 | ng/ul# | 86  |
| 10) 2-Chlorophenol             | 7.90  | 128 | 78875  | 27.982 | ng/ul# | 90  |
| 15) N-Nitroso-di-n-propylamine | 9.15  | 70  | 84726  | 33.208 | ng/ul# | 74  |
| 33) 4-Chloro-3-methylphenol    | 12.43 | 107 | 112684 | 31.791 | ng/ul  | 98  |
| 44) Dimethylphthalate          | 14.40 | 163 | 145148 | 13.473 | ng/ul  | 99  |
| 49) Acenaphthene               | 15.02 | 153 | 298390 | 34.037 | ng/ul  | 97  |
| 52) 4-Nitrophenol              | 15.16 | 109 | 66249  | 36.670 | ng/ul  | 86  |
| 54) 2,4-Dinitrotoluene         | 15.32 | 165 | 108213 | 34.878 | ng/ul# | 72  |
| 68) Pentachlorophenol          | 17.33 | 266 | 69902  | 30.713 | ng/ul  | 99  |
| 79) Pyrene                     | 20.06 | 202 | 859343 | 33.503 | ng/ul  | 100 |

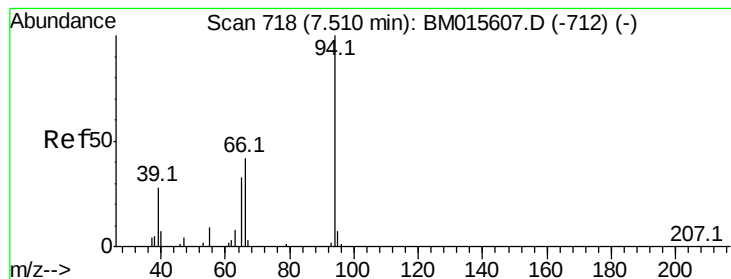
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jun 12 03:10:28 2018  
Response via : Initial Calibration





#6

Phenol

Concen: 29.918 ng/ul

RT: 7.51 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM015612.D

Acq: 11 Jun 2018 19:56

Instrument :

BNA\_M

ClientSampled :

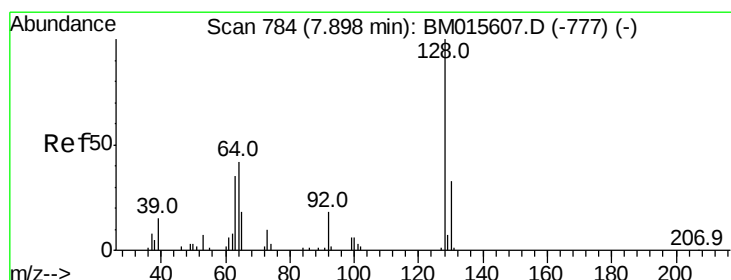
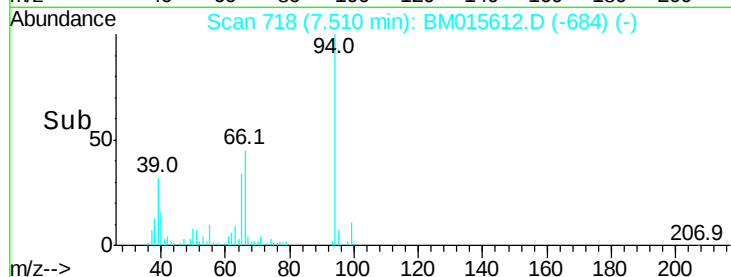
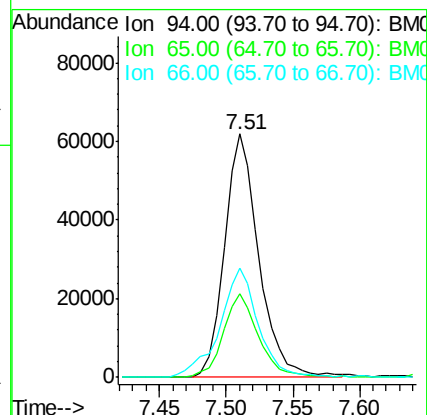
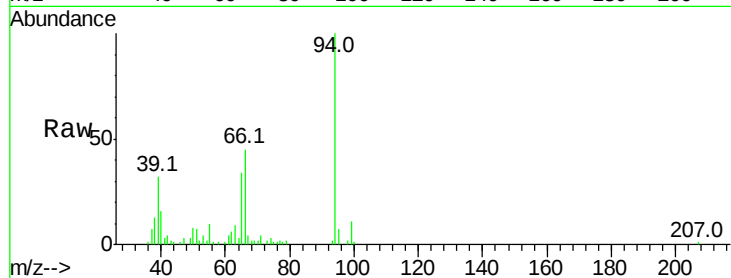
Tot Ion: 94 Resp: 111183

Ion Ratio Lower Upper

94 100

65 34.2 21.0 31.6#

66 44.6 29.3 43.9#



#10

2-Chlorophenol

Concen: 27.982 ng/ul

RT: 7.90 min Scan# 784

Delta R.T. 0.00 min

Lab File: BM015612.D

Acq: 11 Jun 2018 19:56

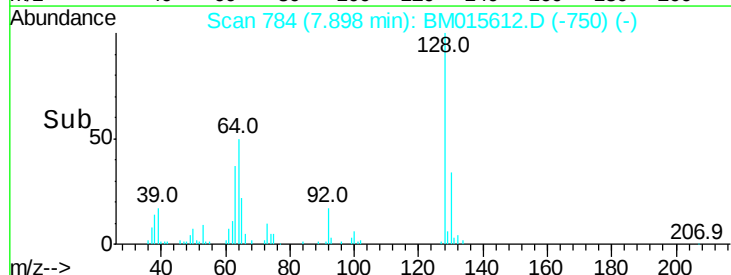
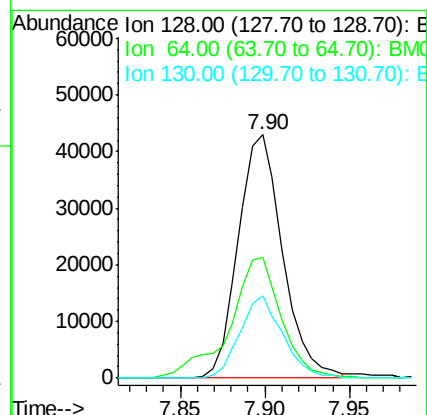
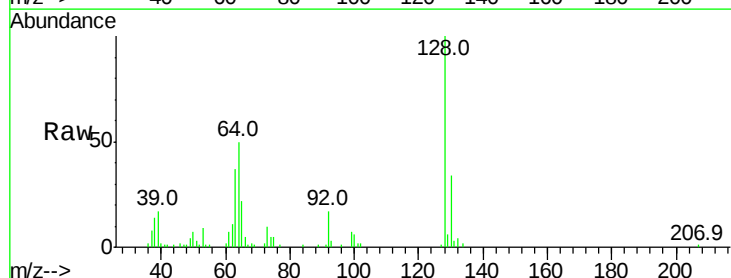
Tgt Ion:128 Resp: 78875

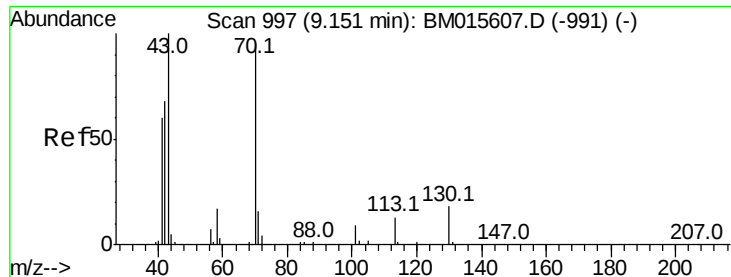
Ion Ratio Lower Upper

128 100

64 49.5 31.9 47.9#

130 33.7 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 33.208 ng/ul

RT: 9.15 min Scan# 997

Delta R.T. 0.00 min

Lab File: BM015612.D

Acq: 11 Jun 2018 19:56

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 84726

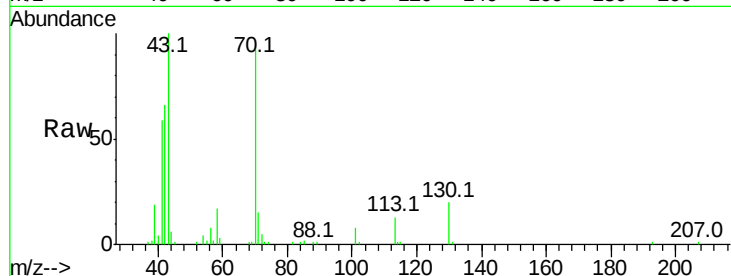
Ion Ratio Lower Upper

70 100

42 72.3 35.4 53.0#

101 8.7 8.4 12.6

130 21.4 18.2 27.4

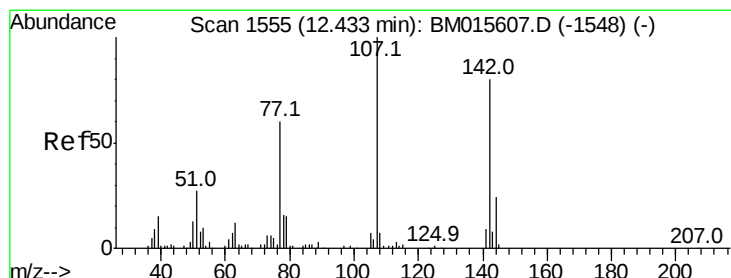
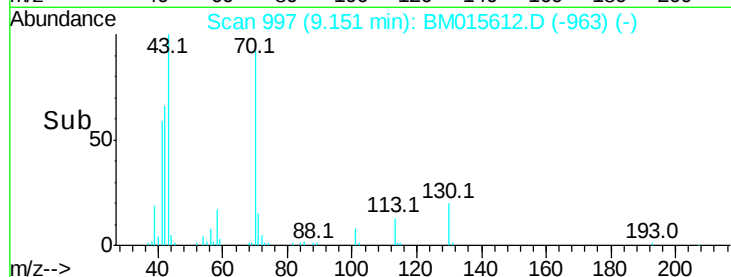
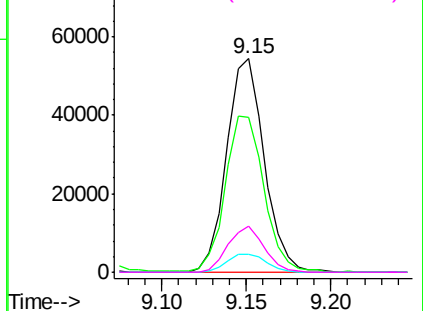


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 31.791 ng/ul

RT: 12.43 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BM015612.D

Acq: 11 Jun 2018 19:56

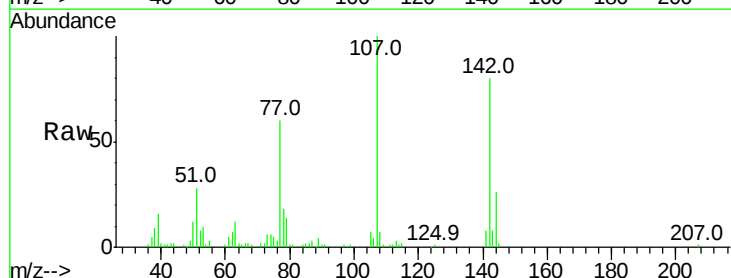
Tgt Ion:107 Resp: 112684

Ion Ratio Lower Upper

107 100

144 26.1 20.4 30.6

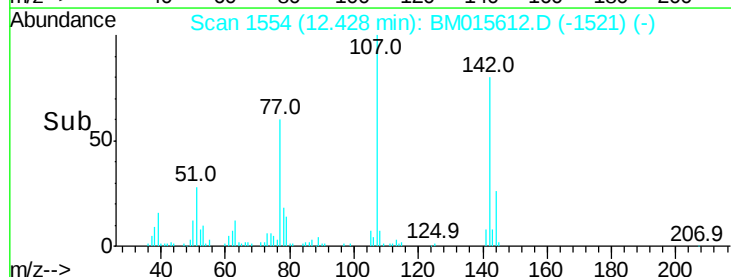
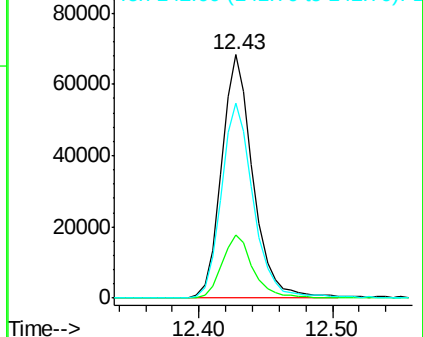
142 80.3 62.5 93.7

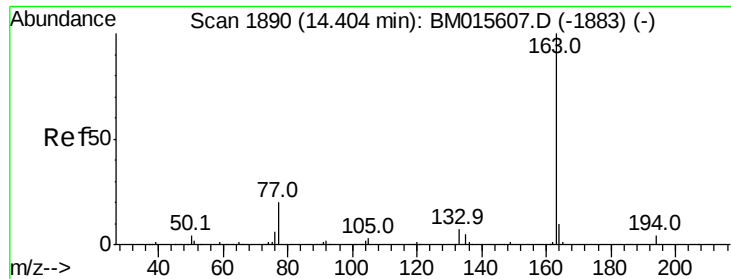


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

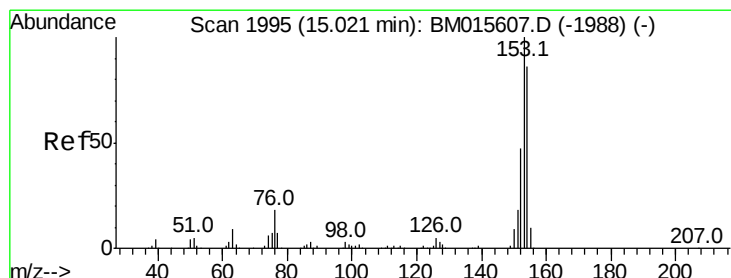
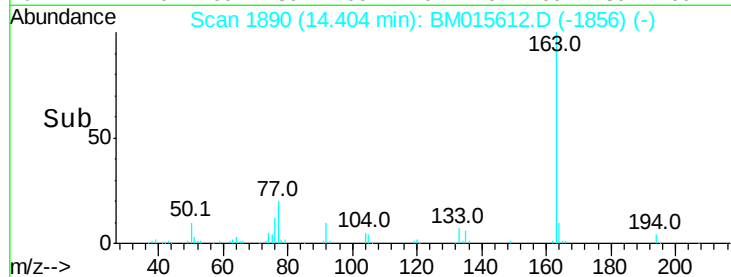
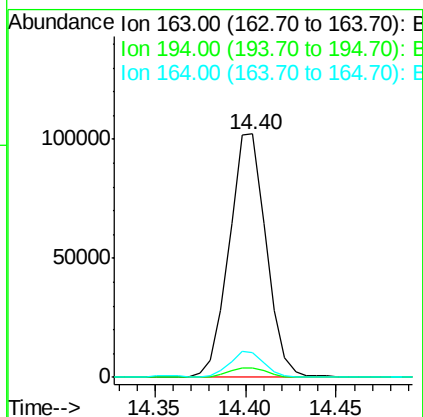
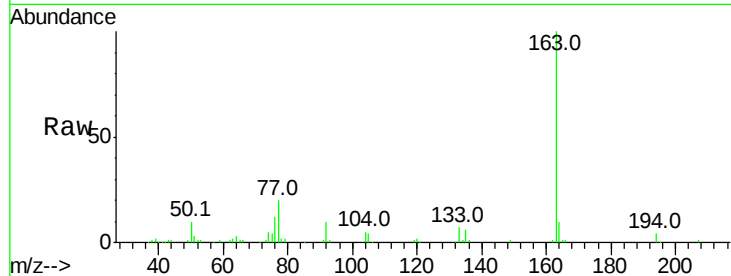




#44  
Dimethylphthalate  
Concen: 13.473 ng/ul  
RT: 14.40 min Scan# 1890  
Delta R.T. 0.00 min  
Lab File: BM015612.D  
Acq: 11 Jun 2018 19:56

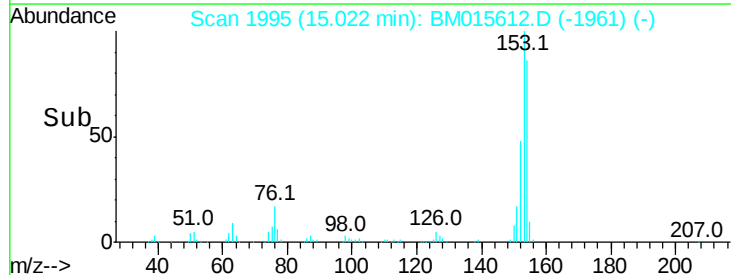
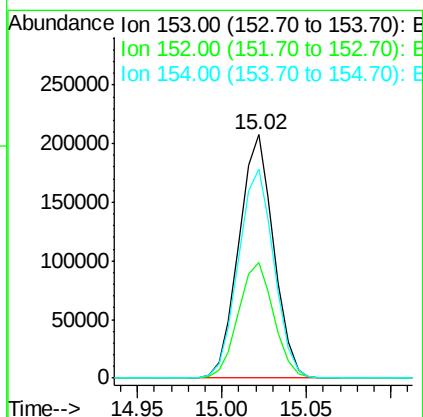
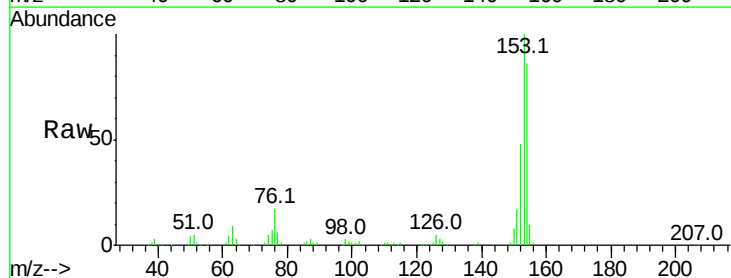
Instrument :  
BNA\_M  
ClientSampleId :

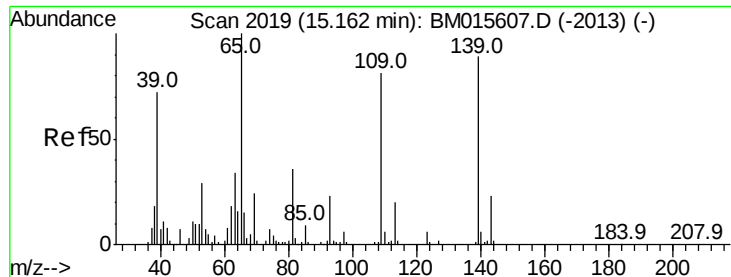
Tot Ion:163 Resp: 145148  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 10.3 7.8 11.8



#49  
Acenaphthene  
Concen: 34.037 ng/ul  
RT: 15.02 min Scan# 1995  
Delta R.T. 0.00 min  
Lab File: BM015612.D  
Acq: 11 Jun 2018 19:56

Tgt Ion:153 Resp: 298390  
Ion Ratio Lower Upper  
153 100  
152 47.6 38.3 57.5  
154 85.6 71.8 107.8

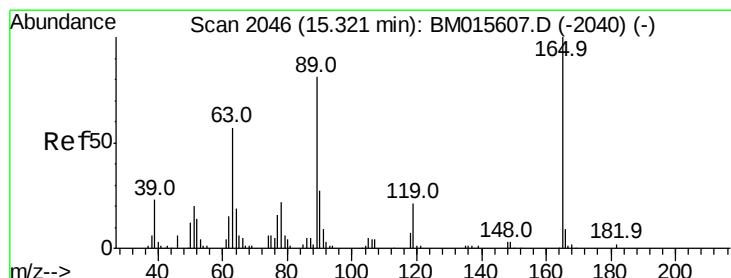
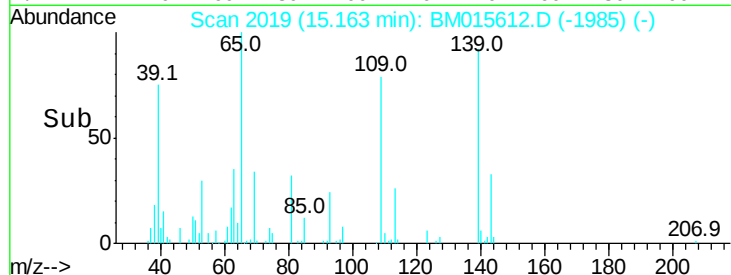
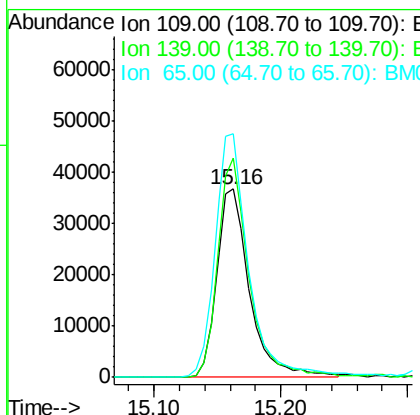
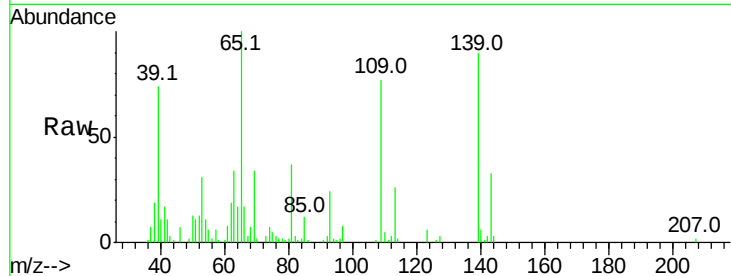




#52  
4-Nitrophenol  
Concen: 36.670 ng/ul  
RT: 15.16 min Scan# 2019  
Delta R.T. 0.00 min  
Lab File: BM015612.D  
Acq: 11 Jun 2018 19:56

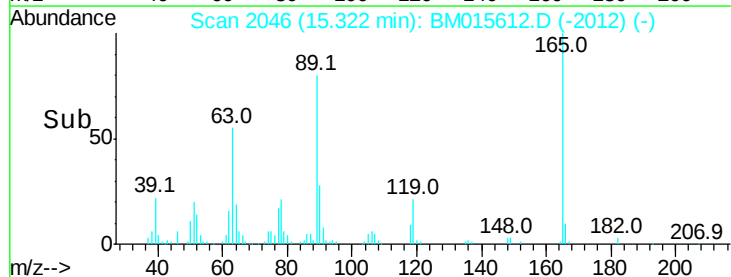
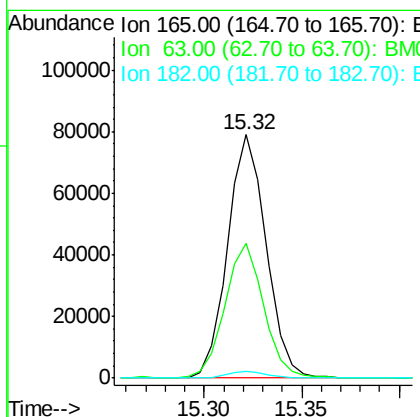
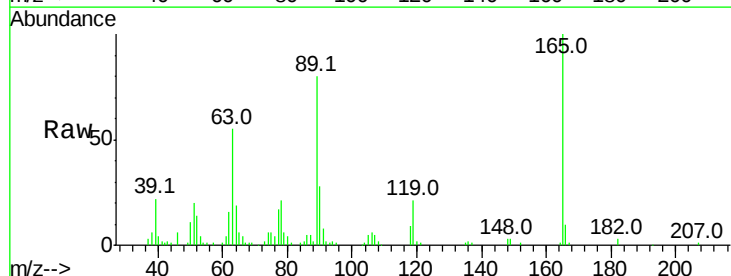
Instrument :  
BNA\_M  
ClientSampleId :

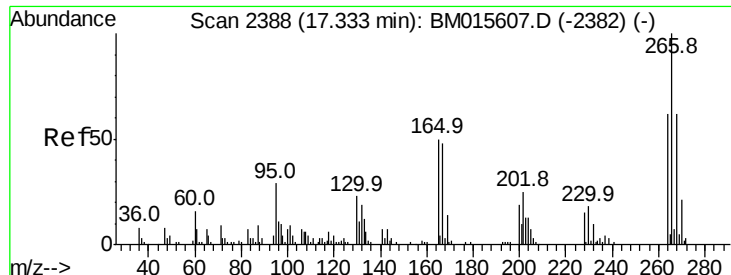
Tot Ion:109 Resp: 66249  
Ion Ratio Lower Upper  
109 100  
139 116.7 103.7 155.5  
65 129.3 89.4 134.2



#54  
2,4-Dinitrotoluene  
Concen: 34.878 ng/ul  
RT: 15.32 min Scan# 2046  
Delta R.T. 0.00 min  
Lab File: BM015612.D  
Acq: 11 Jun 2018 19:56

Tgt Ion:165 Resp: 108213  
Ion Ratio Lower Upper  
165 100  
63 55.4 29.8 44.6#  
182 3.1 2.2 3.4





#68

Pentachlorophenol

Concen: 30.713 ng/ul

RT: 17.33 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM015612.D

Acq: 11 Jun 2018 19:56

Instrument :

BNA\_M

ClientSampleId :

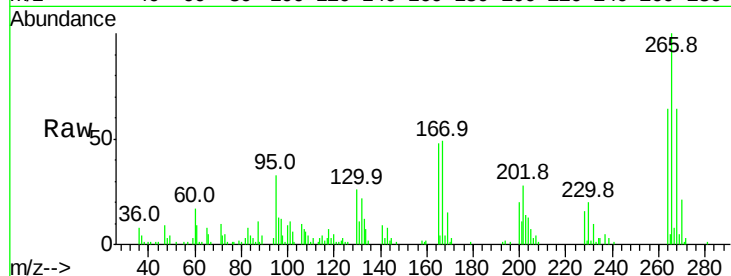
Tot Ion:266 Resp: 69902

Ion Ratio Lower Upper

266 100

264 64.0 50.5 75.7

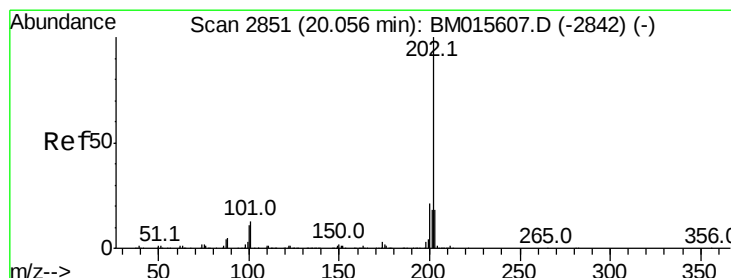
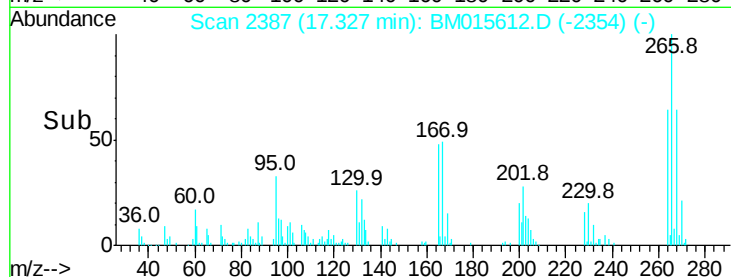
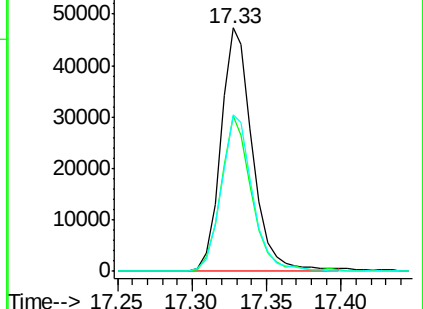
268 64.1 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79

Pyrene

Concen: 33.503 ng/ul

RT: 20.06 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BM015612.D

Acq: 11 Jun 2018 19:56

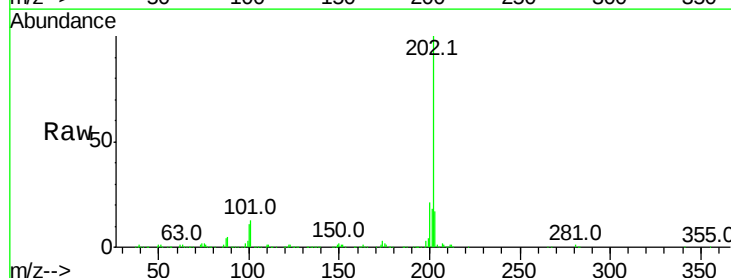
Tgt Ion:202 Resp: 859343

Ion Ratio Lower Upper

202 100

101 12.5 10.2 15.2

100 10.7 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

