

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\  
 Data File : BM011276.D  
 Acq On : 17 Aug 2017 20:55  
 Operator : SJ/JU  
 Sample : I4815-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TR-05-081517-B

Quant Time: Aug 18 01:05:09 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 16 02:25:04 2017  
 Response via : Initial Calibration

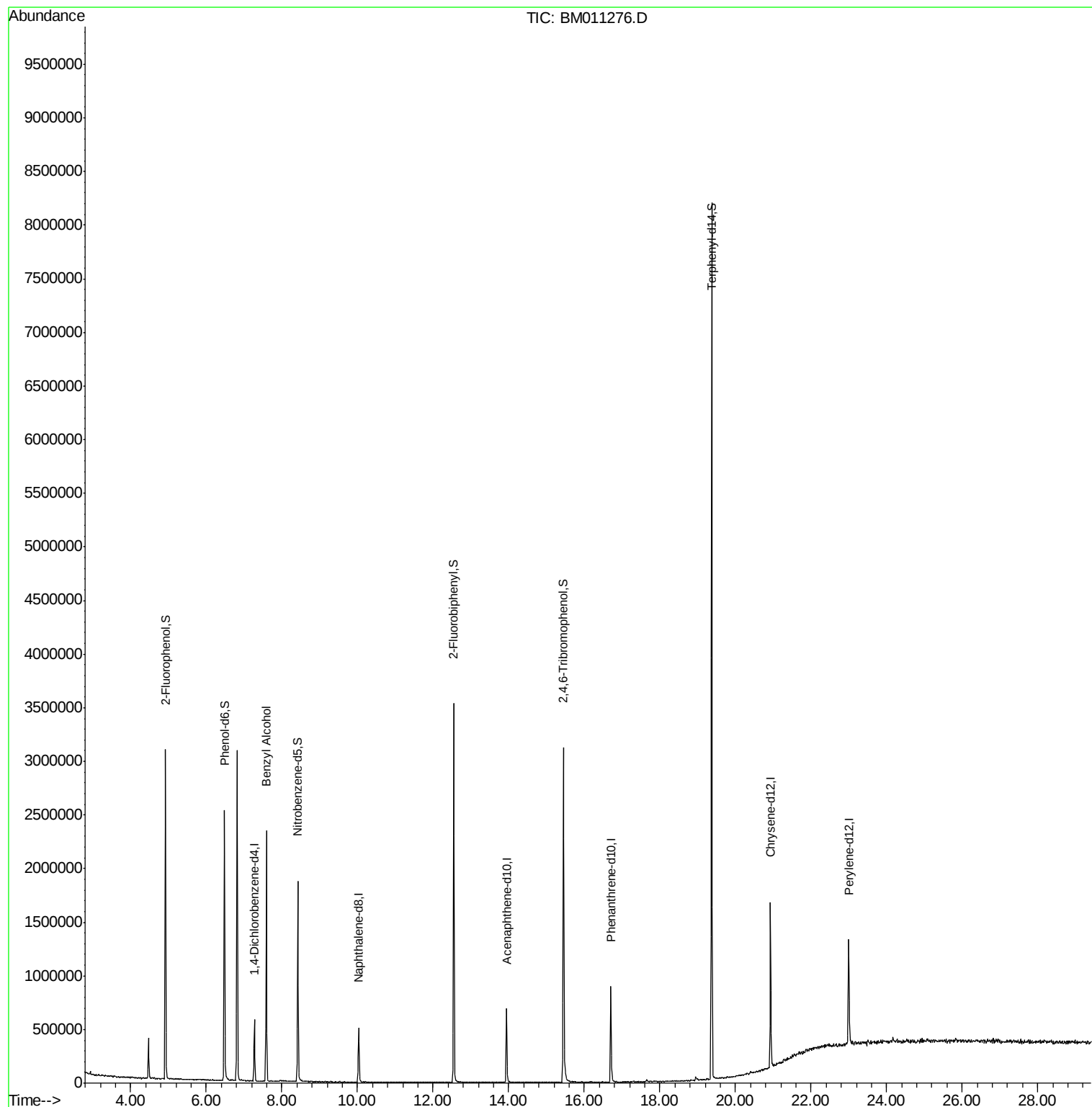
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.27  | 152  | 89433    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 10.03 | 136  | 298222   | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 13.95 | 164  | 194050   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 16.70 | 188  | 505202   | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 20.93 | 240  | 727479   | 20.00  | ng    | -0.02          |
| 86) Perylene-d12            | 23.00 | 264  | 711040   | 20.00  | ng    | -0.02          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 4.92  | 112  | 725260   | 137.09 | ng    | -0.01          |
| 7) Phenol-d6                | 6.48  | 99   | 921407   | 122.58 | ng    | -0.01          |
| 23) Nitrobenzene-d5         | 8.42  | 82   | 1021493  | 128.56 | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 15.45 | 330  | 420944   | 135.34 | ng    | -0.02          |
| 44) 2-Fluorobiphenyl        | 12.55 | 172  | 1494993  | 96.62  | ng    | -0.01          |
| 78) Terphenyl-d14           | 19.37 | 244  | 2937426  | 79.98  | ng    | -0.01          |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 7.59  | 79   | 23415    | 3.25   | ng    | Qvalue<br># 28 |

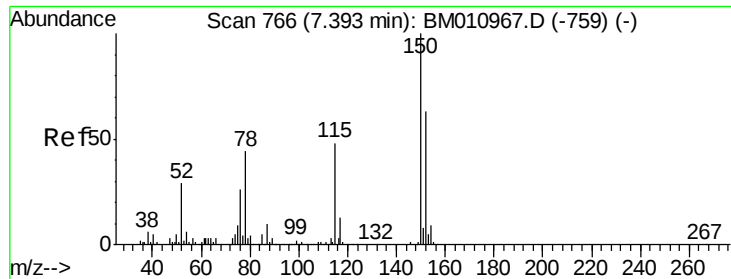
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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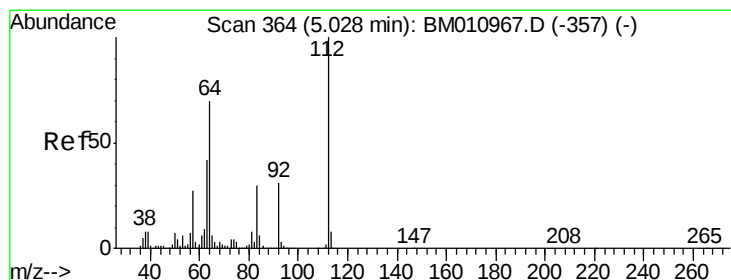
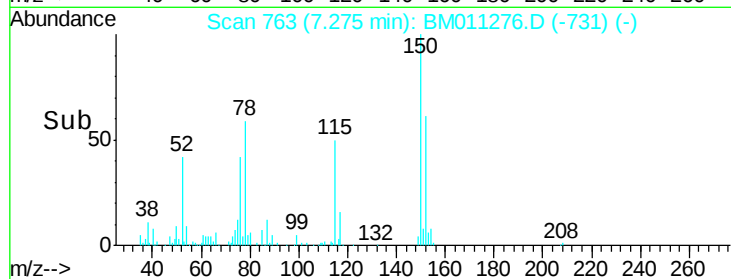
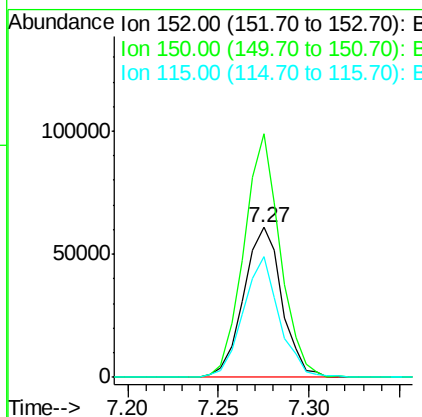
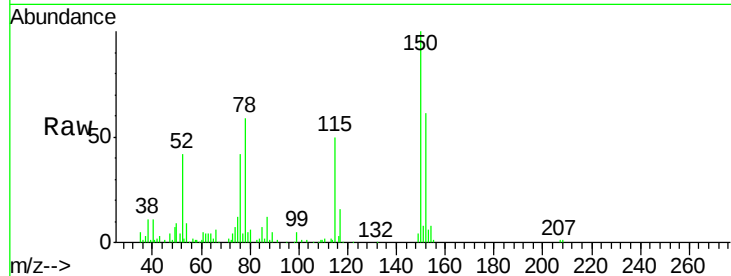


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.27 min Scan# 763  
Delta R.T. -0.01 min  
Lab File: BM011276.D  
Acq: 17 Aug 2017 20:55

Instrument :  
BNA\_M  
ClientSampleId :  
TR-05-081517-B

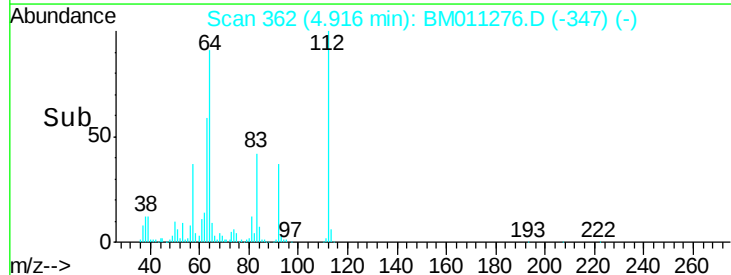
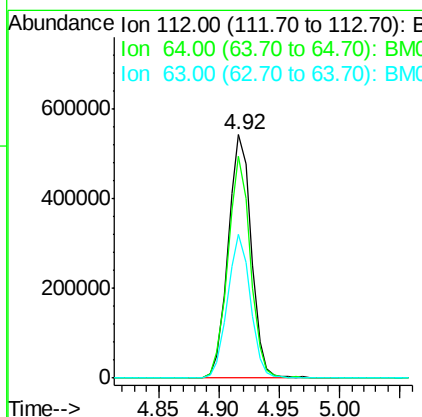
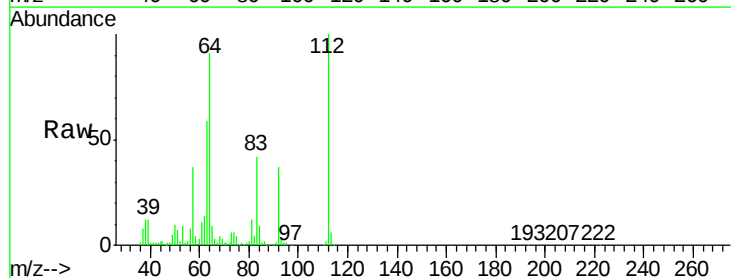
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.7 | 119.5 | 179.3 |
| 115     | 81.0  | 43.0  | 64.4  |

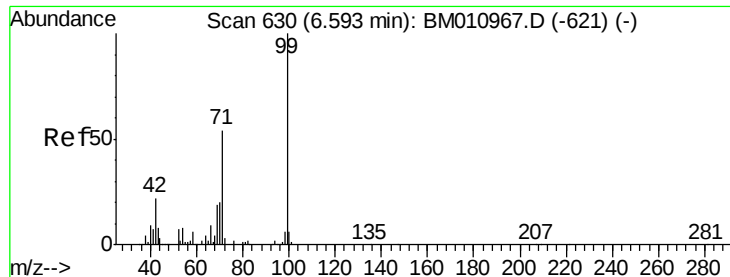


#5

2-Fluorophenol  
Concen: 137.09 ng  
RT: 4.92 min Scan# 362  
Delta R.T. -0.01 min  
Lab File: BM011276.D  
Acq: 17 Aug 2017 20:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 91.2  | 38.6  | 57.8  |
| 63      | 59.0  | 19.3  | 28.9  |





#7

Phenol-d6

Concen: 122.58 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

TR-05-081517-B

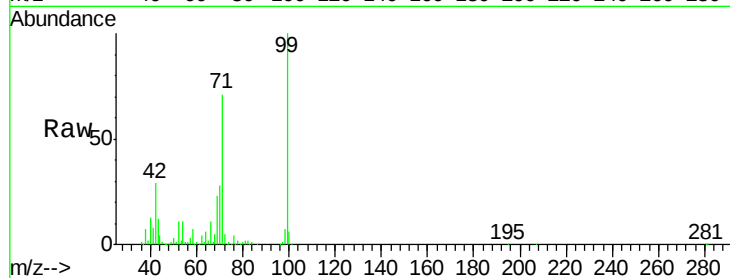
Tot Ion: 99 Resp: 921407

Ion Ratio Lower Upper

99 100

42 29.4 11.0 16.4#

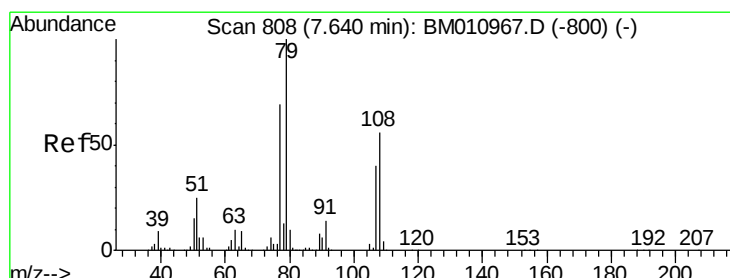
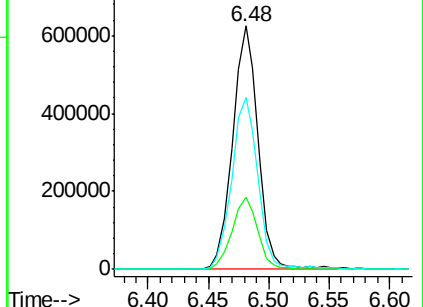
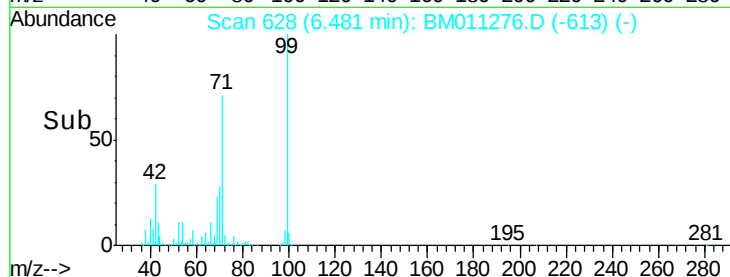
71 70.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#15

Benzyl Alcohol

Concen: 3.25 ng

RT: 7.59 min Scan# 816

Delta R.T. 0.05 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

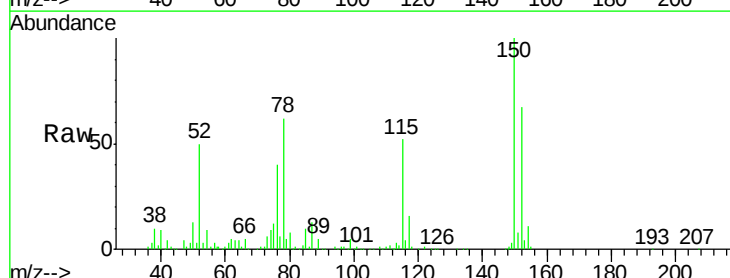
Tgt Ion: 79 Resp: 23415

Ion Ratio Lower Upper

79 100

108 32.8 65.0 97.4#

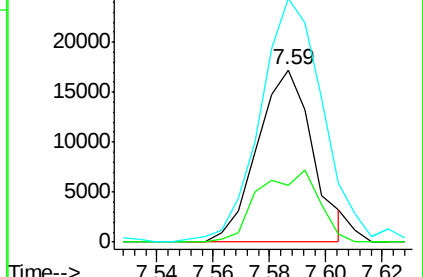
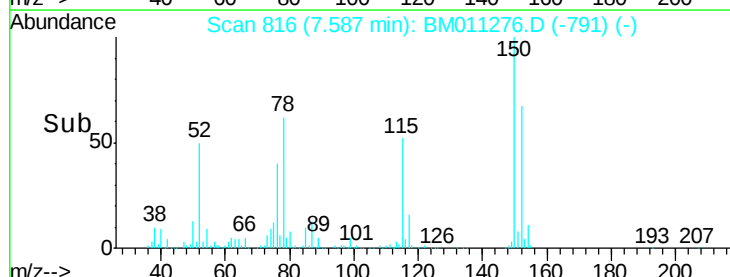
77 141.6 53.0 79.6#

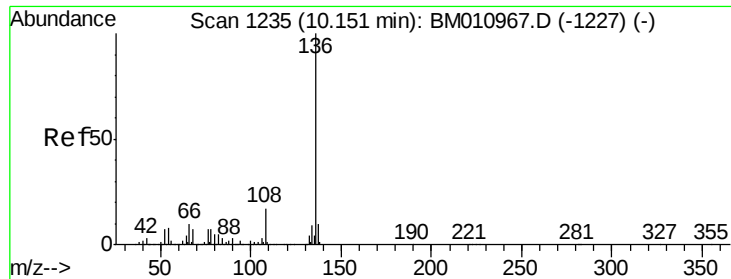


Abundance Ion 79.00 (78.70 to 79.70): BM010967.D (-800) (-)

Ion 108.00 (107.70 to 108.70): BM010967.D (-800) (-)

Ion 77.00 (76.70 to 77.70): BM010967.D (-800) (-)

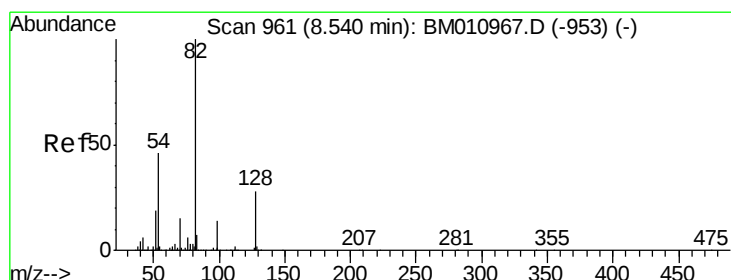
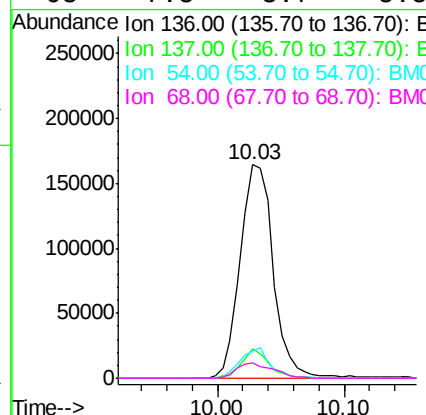
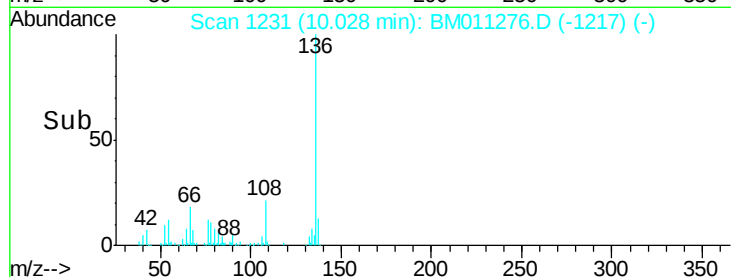
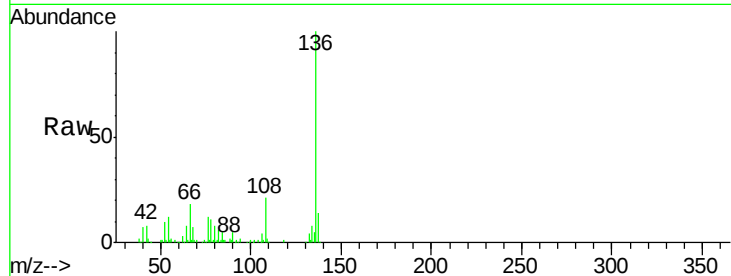




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.03 min Scan# 1231  
Delta R.T. -0.02 min  
Lab File: BM011276.D  
Acq: 17 Aug 2017 20:55

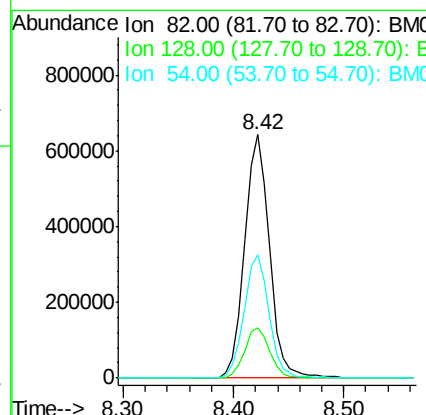
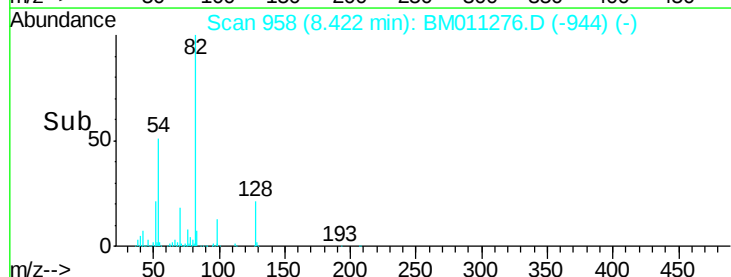
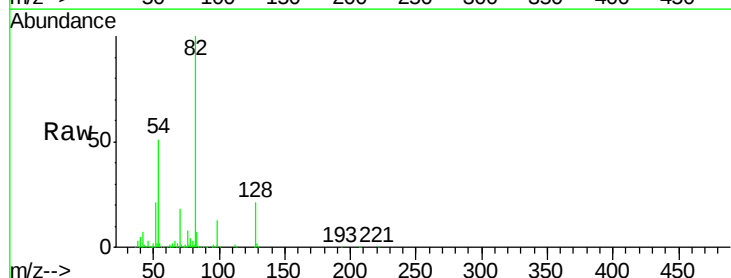
Instrument :  
BNA\_M  
ClientSampleId :  
TR-05-081517-B

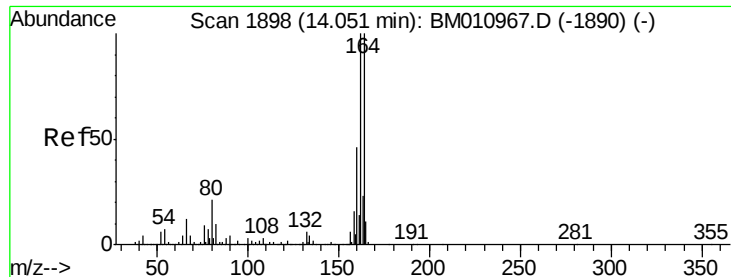
| Tot Ion:136 | Resp: | 298222      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 13.5  | 8.7 13.1#   |
| 54          | 12.3  | 4.6 6.8#    |
| 68          | 7.5   | 3.7 5.5#    |



#23  
Nitrobenzene-d5  
Concen: 128.56 ng  
RT: 8.42 min Scan# 958  
Delta R.T. -0.02 min  
Lab File: BM011276.D  
Acq: 17 Aug 2017 20:55

| Tgt Ion: 82 | Resp: | 1021493     |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 20.7  | 32.8 49.2#  |
| 54          | 50.6  | 40.6 60.8   |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.95 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

Instrument :

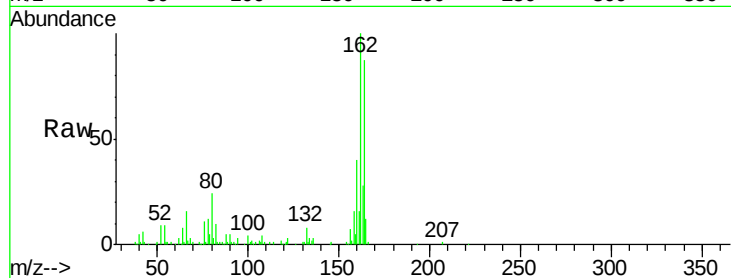
BNA\_M

ClientSampleId :

TR-05-081517-B

Tot Ion:164 Resp: 194050

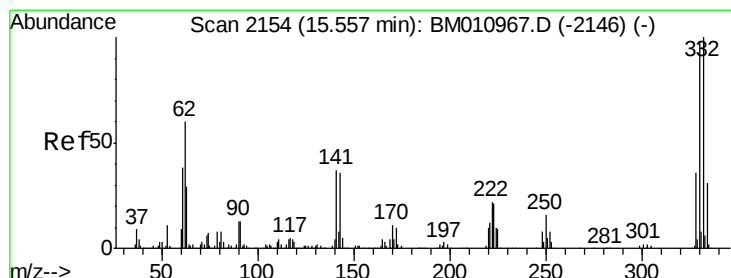
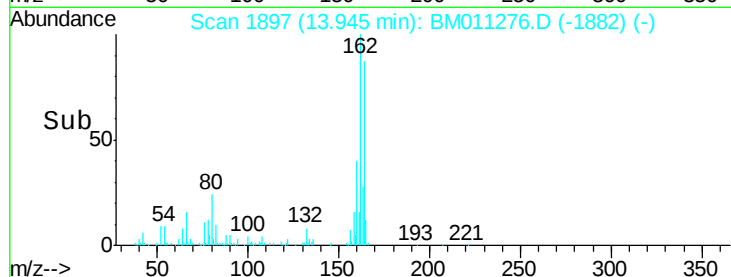
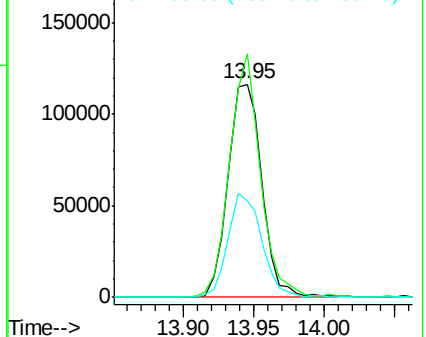
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 114.3 | 82.4  | 123.6 |
| 160 | 45.3  | 35.8  | 53.6  |



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



#41

2,4,6-Tribromophenol

Concen: 135.34 ng

RT: 15.45 min Scan# 2153

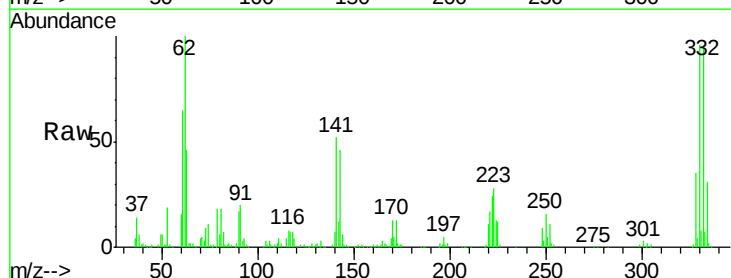
Delta R.T. -0.02 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

Tgt Ion:330 Resp: 420944

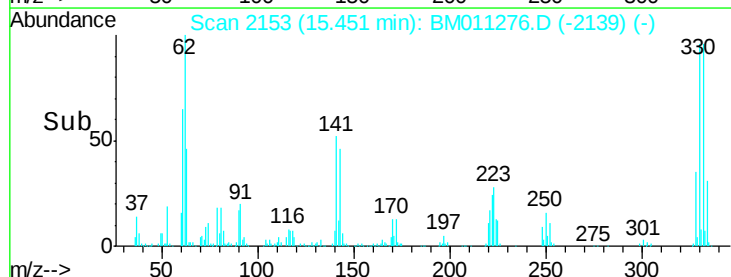
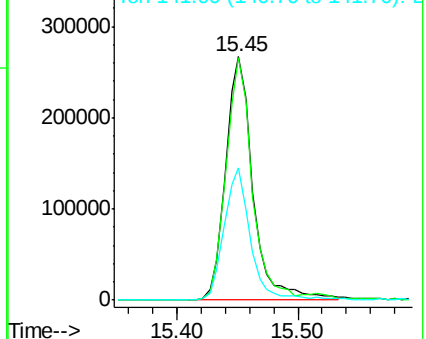
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 94.8  | 0.0   | 0.0#  |
| 141 | 51.9  | 0.0   | 0.0#  |

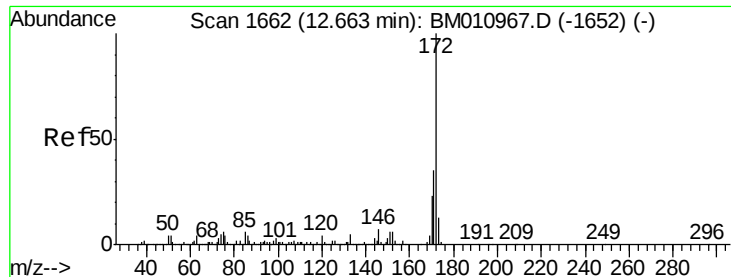


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

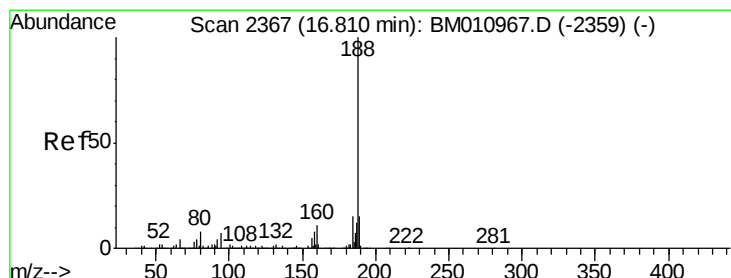
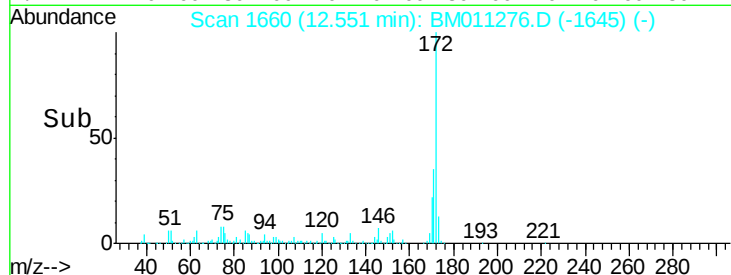
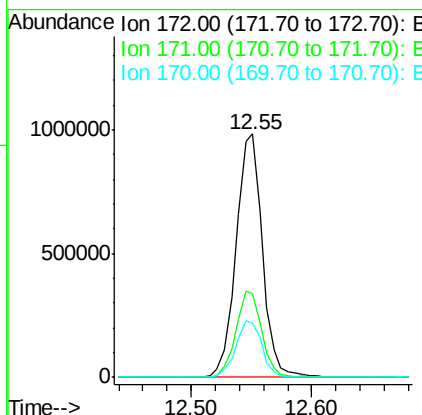
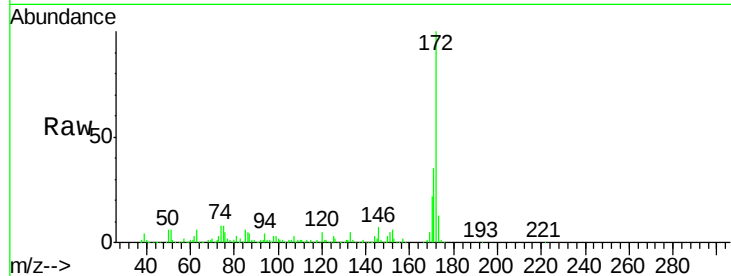




#44  
2-Fluorobiphenyl  
Concen: 96.62 ng  
RT: 12.55 min Scan# 1660  
Delta R.T. -0.01 min  
Lab File: BM011276.D  
Acq: 17 Aug 2017 20:55

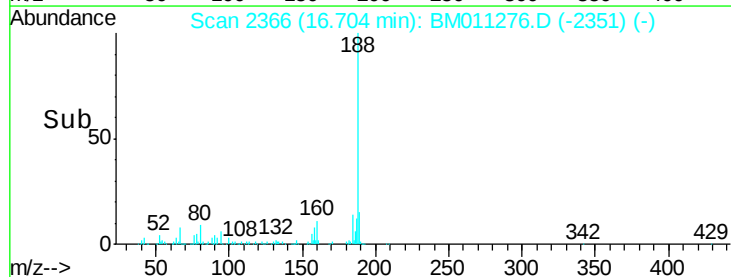
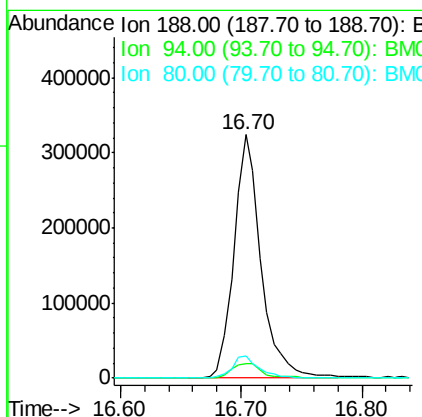
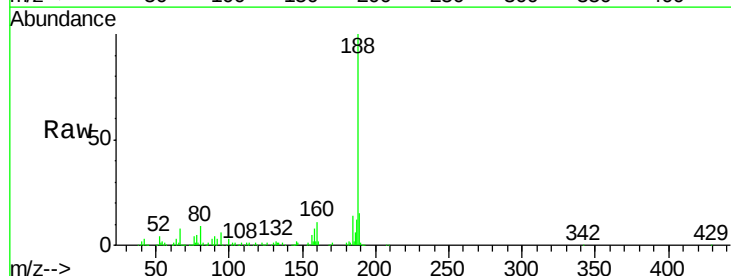
Instrument :  
BNA\_M  
ClientSampleId :  
TR-05-081517-B

Tot Ion:172 Resp: 1494993  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.5 42.7  
170 22.3 18.8 28.2



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.70 min Scan# 2366  
Delta R.T. -0.01 min  
Lab File: BM011276.D  
Acq: 17 Aug 2017 20:55

Tgt Ion:188 Resp: 505202  
Ion Ratio Lower Upper  
188 100  
94 6.1 8.7 13.1#  
80 9.2 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

TR-05-081517-B

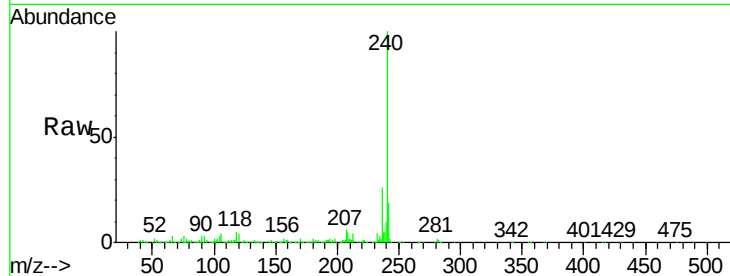
Tot Ion:240 Resp: 727479

Ion Ratio Lower Upper

240 100

120 4.2 8.2 12.2#

236 25.9 20.0 30.0



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

600000

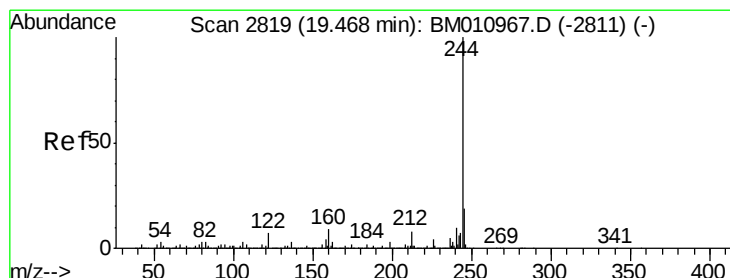
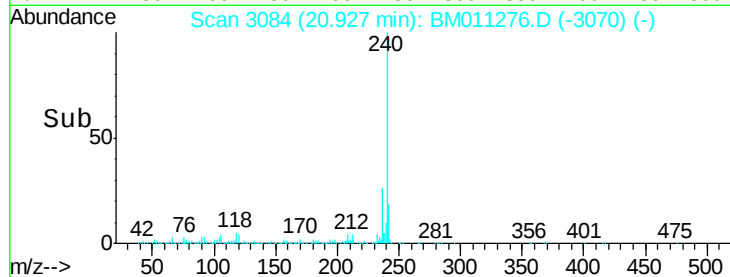
400000

200000

0

20.93

Time-->



#78

Terphenyl-d14

Concen: 79.98 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011276.D

Acq: 17 Aug 2017 20:55

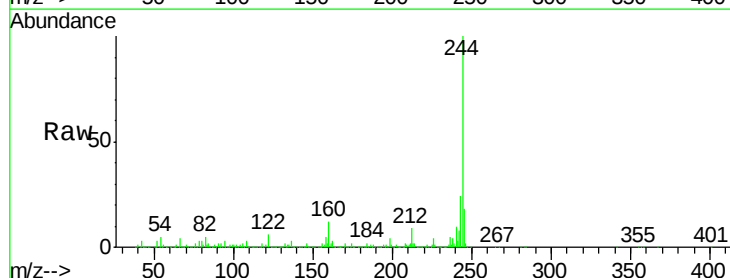
Tgt Ion:244 Resp: 2937426

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

122 6.0 6.2 9.4#



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

3000000

2500000

2000000

1500000

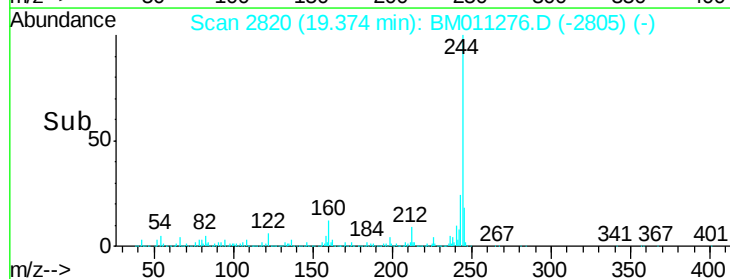
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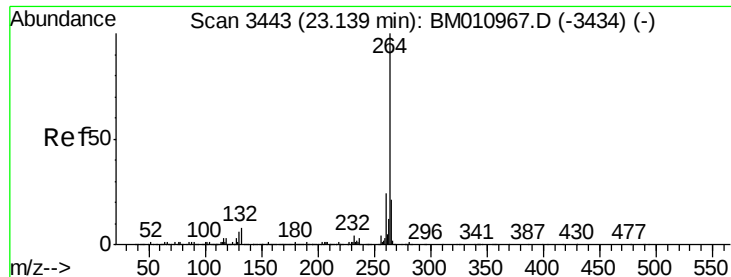
500000

0

19.37

Time-->





#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 23.00 min Scan# 3436  
 Delta R.T. -0.02 min  
 Lab File: BM011276.D  
 Acq: 17 Aug 2017 20:55

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TR-05-081517-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 18.6  | 27.8  |
| 265     | 20.0  | 17.3  | 25.9  |

