

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\  
 Data File : BM017535.D  
 Acq On : 06 Nov 2018 20:05  
 Operator : MJ/SJ  
 Sample : J5812-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 07 08:36:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 15:08:36 2018  
 Response via : Initial Calibration

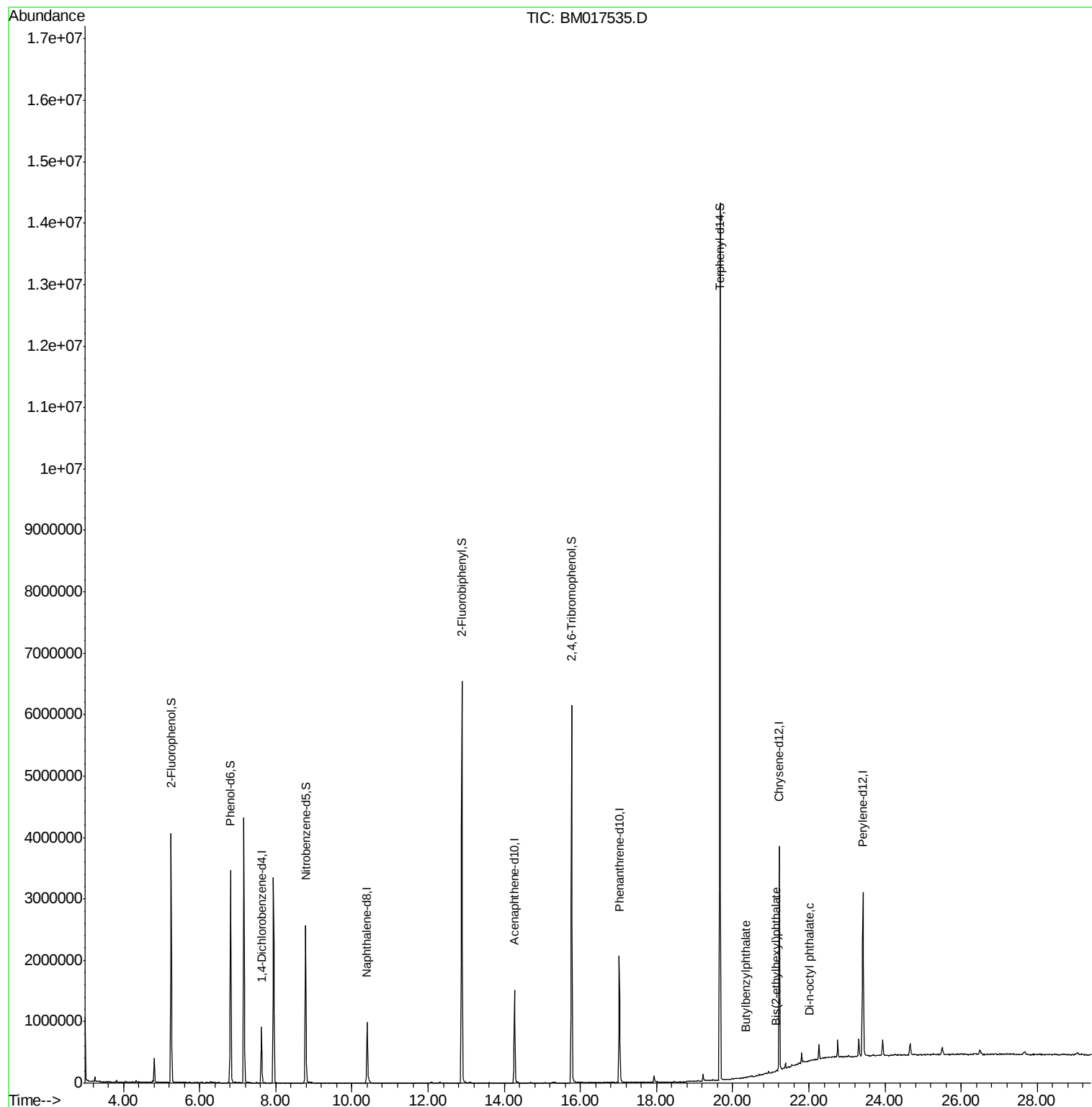
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.63  | 152  | 229857   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8             | 10.40 | 136  | 878312   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10           | 14.27 | 164  | 515641   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10           | 17.02 | 188  | 1311792  | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12               | 21.22 | 240  | 1692822  | 20.00  | ng    | -0.02    |
| 87) Perylene-d12               | 23.42 | 264  | 1903059  | 20.00  | ng    | -0.03    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.25  | 112  | 1563464  | 115.04 | ng    | -0.01    |
| 7) Phenol-d6                   | 6.82  | 99   | 1839108  | 99.36  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 8.78  | 82   | 1445735  | 96.27  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 15.77 | 330  | 1068409  | 153.21 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl           | 12.89 | 172  | 3393275  | 87.56  | ng    | -0.02    |
| 79) Terphenyl-d14              | 19.67 | 244  | 6679671  | 88.94  | ng    | -0.02    |
| Target Compounds               |       |      |          |        |       |          |
| 80) Butylbenzylphthalate       | 20.33 | 149  | 265      | 7.18   | ng    | # 27     |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149  | 6617     | 5.41   | ng    | # 85     |
| 85) Di-n-octyl phthalate       | 22.01 | 149  | 565      | 5.58   | ng    | # 1      |

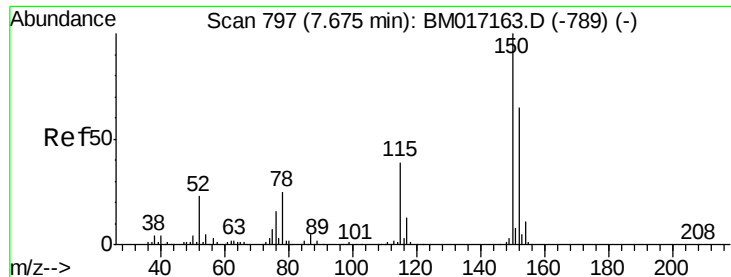
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\  
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Sample : J5812-04  
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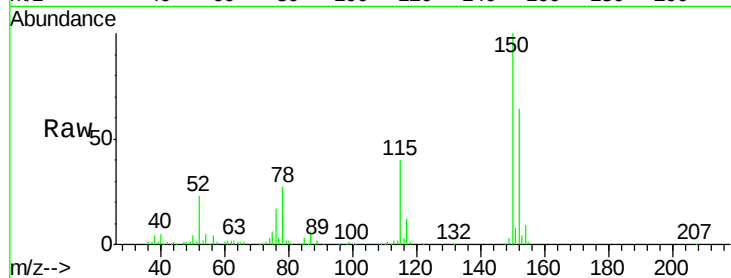


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.63 min Scan# 789  
Delta R.T. -0.02 min  
Lab File: BM017535.D  
Acq: 06 Nov 2018 20:05

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | 152   | Resp  | 229857 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 152     | 100   |       |        |
| 150     | 155.6 | 124.3 | 186.5  |
| 115     | 62.0  | 48.1  | 72.1   |

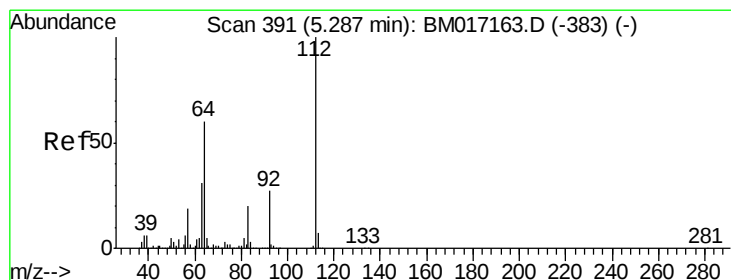
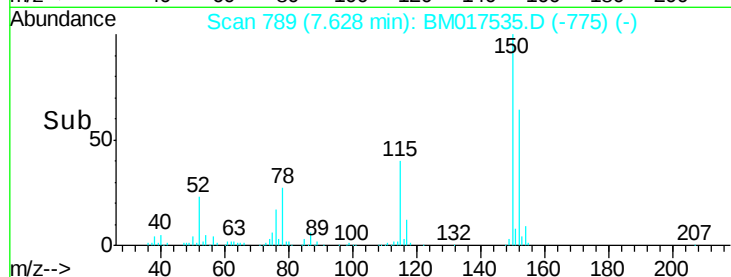
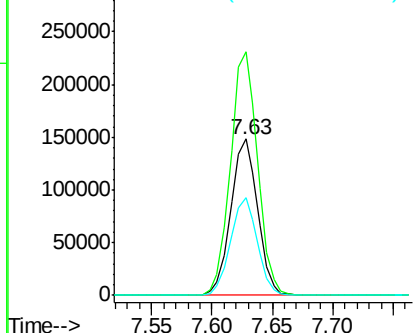


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

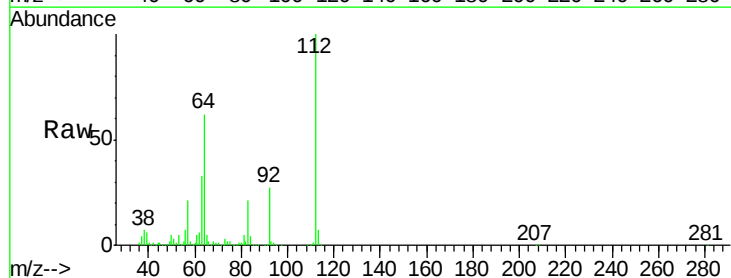
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 115.04 ng  
RT: 5.25 min Scan# 385  
Delta R.T. -0.01 min  
Lab File: BM017535.D  
Acq: 06 Nov 2018 20:05

| Tgt Ion | 112   | Resp  | 1563464 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 112     | 100   |       |         |
| 64      | 62.3  | 41.7  | 62.5    |
| 63      | 32.8  | 23.0  | 34.4    |

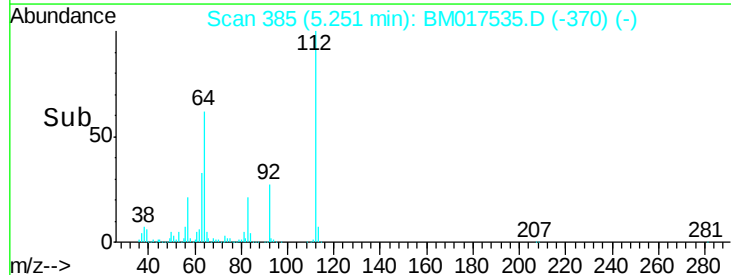
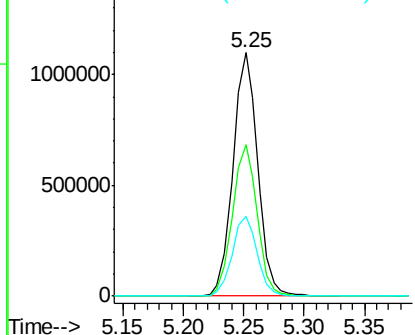


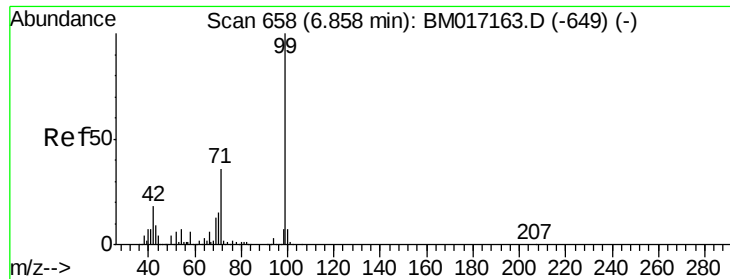
Abundance

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: 99.36 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017535.D

Acq: 06 Nov 2018 20:05

Instrument :

BNA\_M

ClientSampleId :

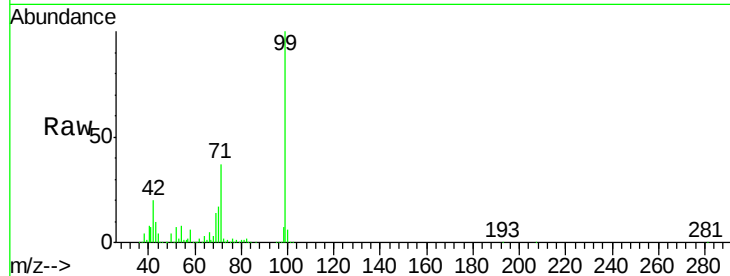
Tot Ion: 99 Resp: 1839108

Ion Ratio Lower Upper

99 100

42 20.1 13.3 19.9#

71 37.4 28.0 42.0

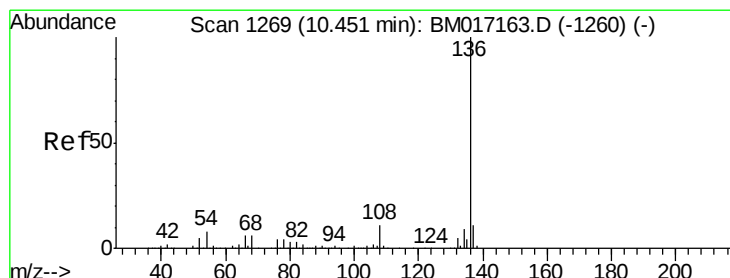
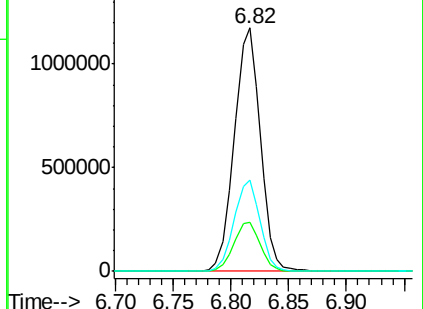
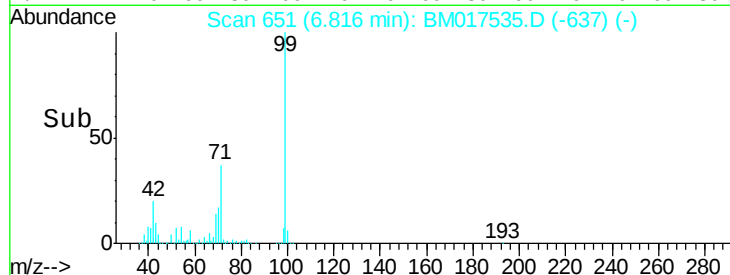


Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)

Time--> 6.70 6.75 6.80 6.85 6.90



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BM017535.D

Acq: 06 Nov 2018 20:05

Tgt Ion: 136 Resp: 878312

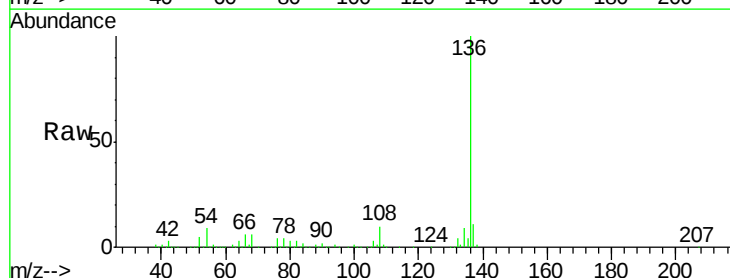
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 8.7 6.7 10.1

68 6.3 4.7 7.1

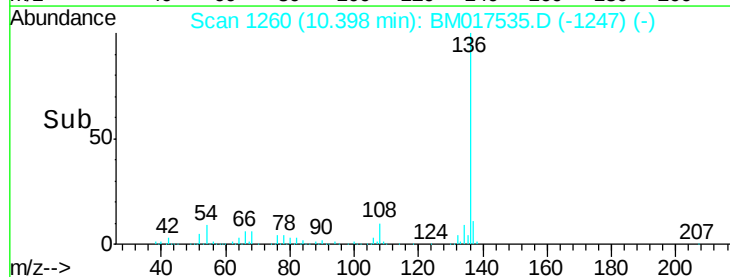
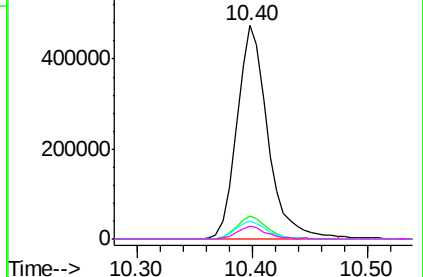


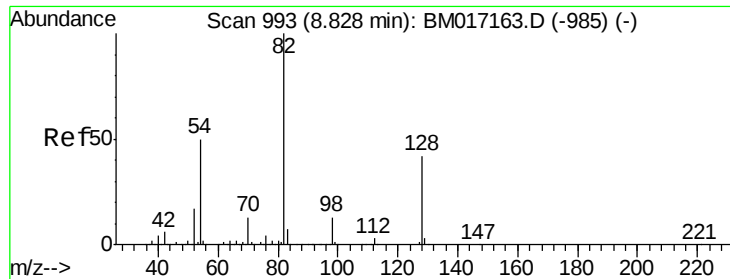
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

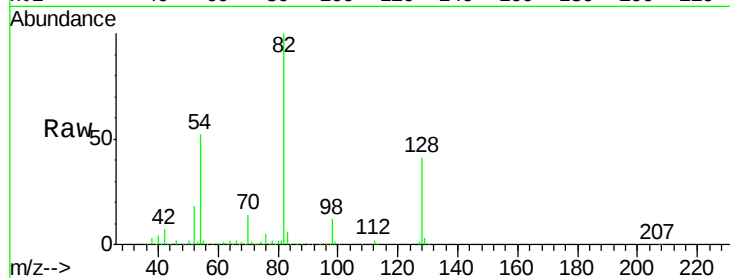




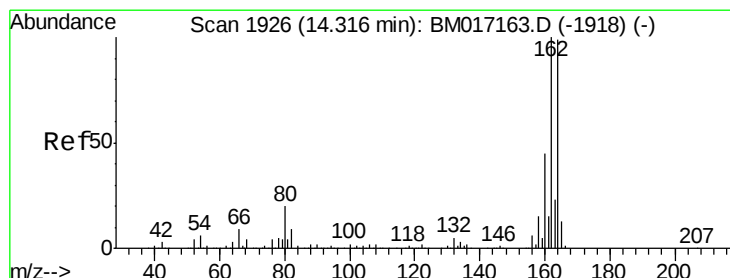
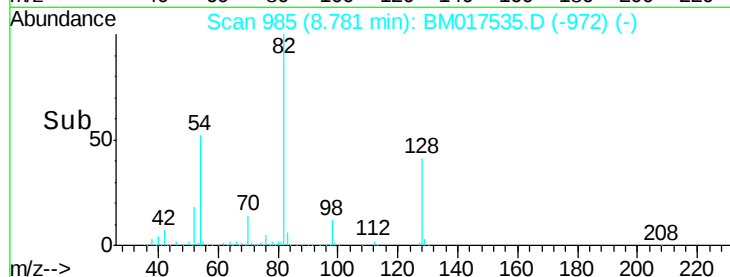
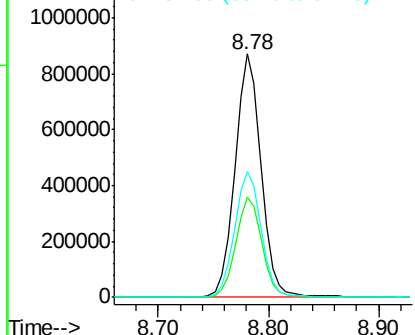
#23  
Nitrobenzene-d5  
Concen: 96.27 ng  
RT: 8.78 min Scan# 985  
Delta R.T. -0.02 min  
Lab File: BM017535.D  
Acq: 06 Nov 2018 20:05

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 82 Resp: 1445735  
Ion Ratio Lower Upper  
82 100  
128 41.2 37.0 55.6  
54 51.9 40.7 61.1

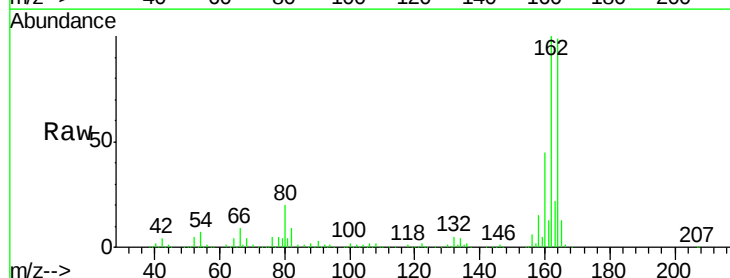


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-985) (-)  
Ion 128.00 (127.70 to 128.70): BM017163.D (-985) (-)  
Ion 54.00 (53.70 to 54.70): BM017163.D (-985) (-)

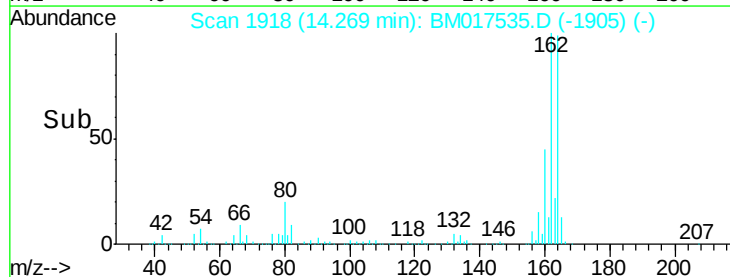
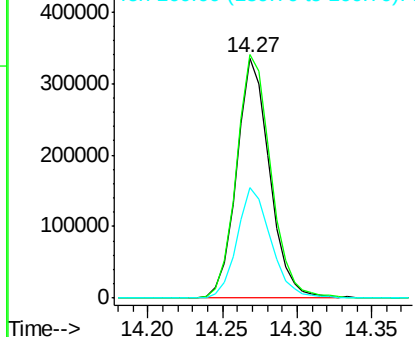


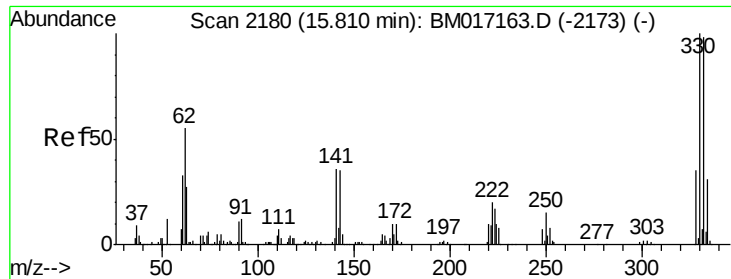
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.27 min Scan# 1918  
Delta R.T. -0.02 min  
Lab File: BM017535.D  
Acq: 06 Nov 2018 20:05

Tgt Ion:164 Resp: 515641  
Ion Ratio Lower Upper  
164 100  
162 101.3 82.1 123.1  
160 45.8 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1918) (-)  
Ion 162.00 (161.70 to 162.70): BM017163.D (-1918) (-)  
Ion 160.00 (159.70 to 160.70): BM017163.D (-1918) (-)



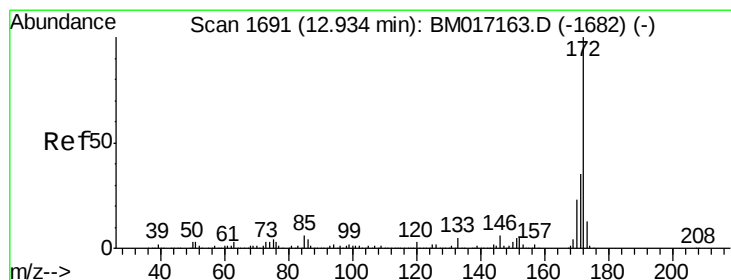
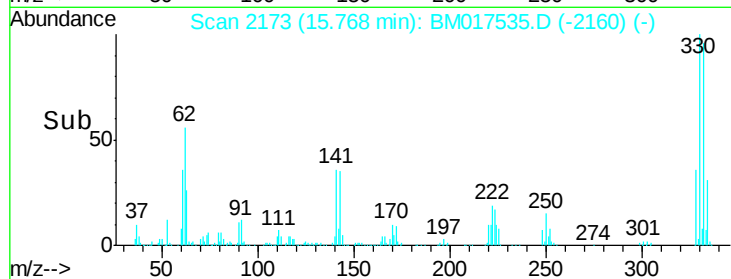
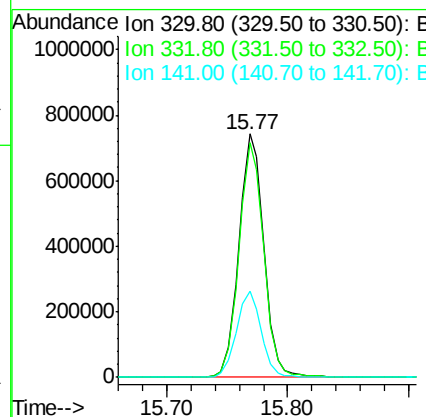
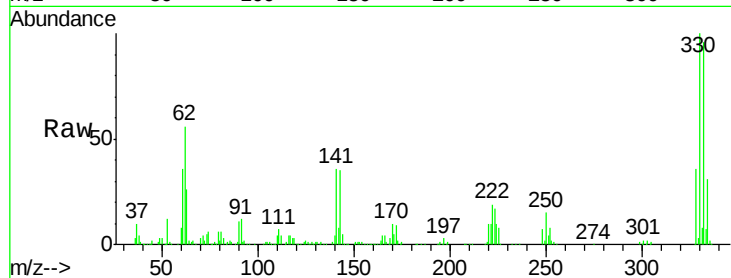


#42  
 2,4,6-Tribromophenol  
 Concen: 153.21 ng  
 RT: 15.77 min Scan# 2173  
 Delta R.T. -0.02 min  
 Lab File: BM017535.D  
 Acq: 06 Nov 2018 20:05

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:330 Resp: 1068409  

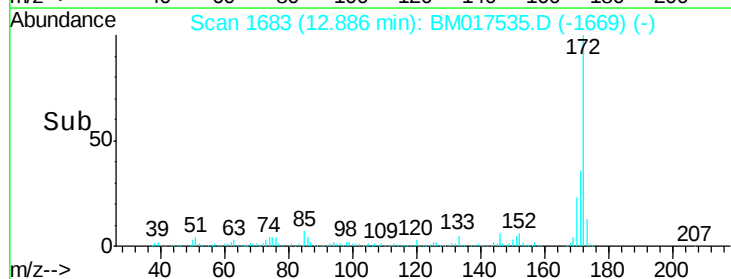
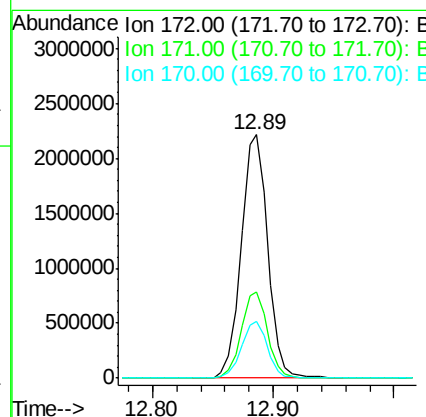
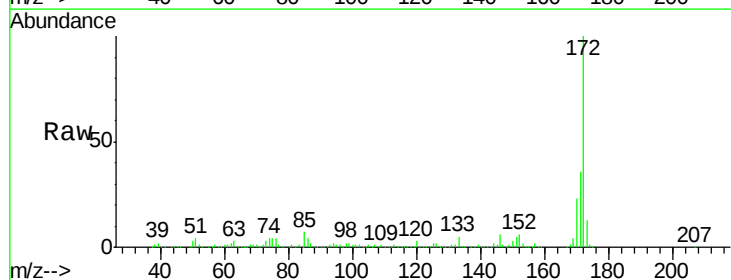
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.0  | 77.3  | 115.9 |
| 141 | 35.6  | 27.4  | 41.0  |

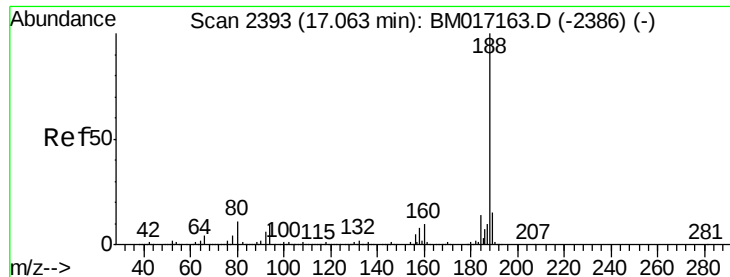


#45  
 2-Fluorobiphenyl  
 Concen: 87.56 ng  
 RT: 12.89 min Scan# 1683  
 Delta R.T. -0.02 min  
 Lab File: BM017535.D  
 Acq: 06 Nov 2018 20:05

Tgt Ion:172 Resp: 3393275  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.5  | 28.3  | 42.5  |
| 170 | 23.2  | 18.3  | 27.5  |

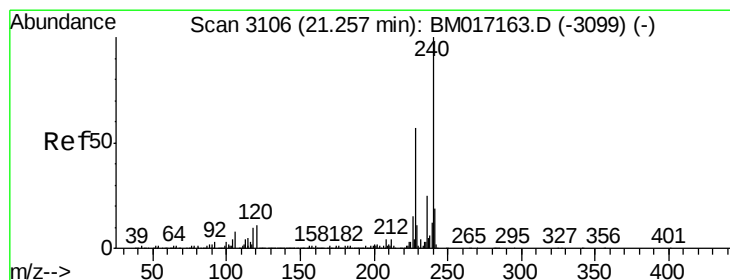
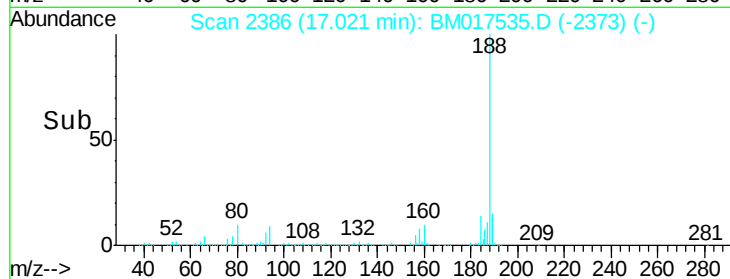
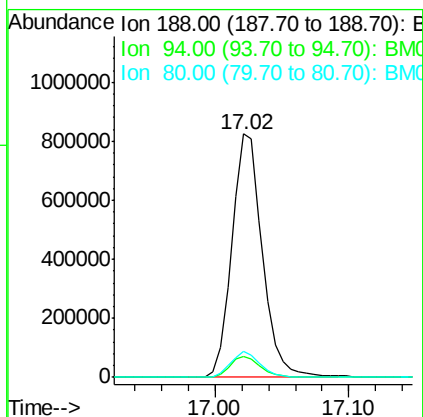
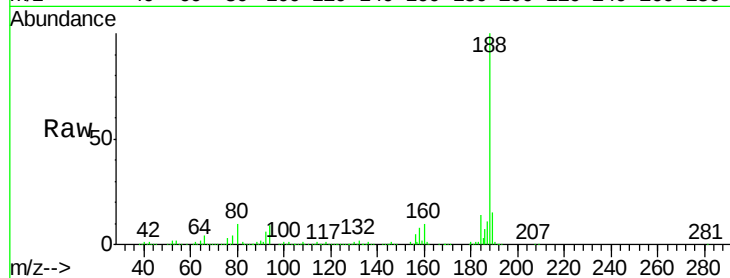




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.02 min Scan# 2386  
Delta R.T. -0.02 min  
Lab File: BM017535.D  
Acq: 06 Nov 2018 20:05

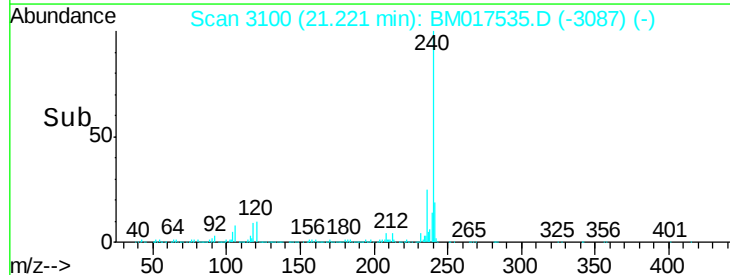
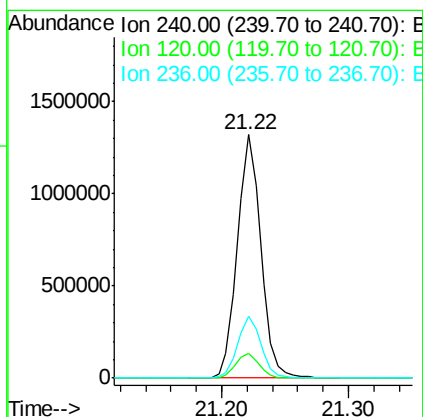
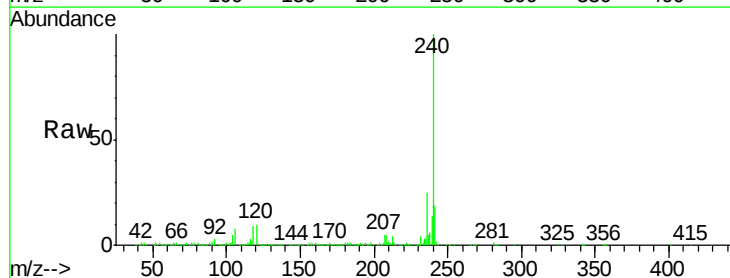
Instrument :  
BNA\_M  
ClientSampleId :

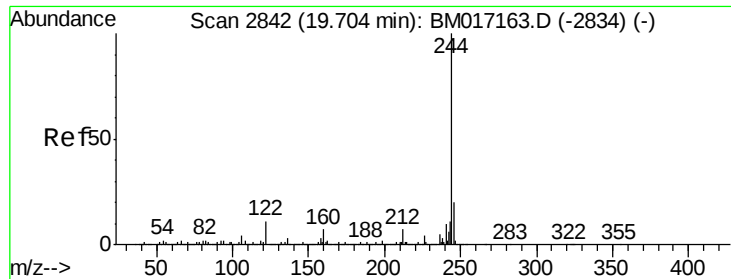
Tot Ion:188 Resp: 1311792  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.0 10.4  
80 10.4 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.22 min Scan# 3100  
Delta R.T. -0.02 min  
Lab File: BM017535.D  
Acq: 06 Nov 2018 20:05

Tgt Ion:240 Resp: 1692822  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.1 12.1  
236 25.4 19.9 29.9





#79

Terphenyl-d14

Concen: 88.94 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017535.D

Acq: 06 Nov 2018 20:05

Instrument :

BNA\_M

ClientSampleId :

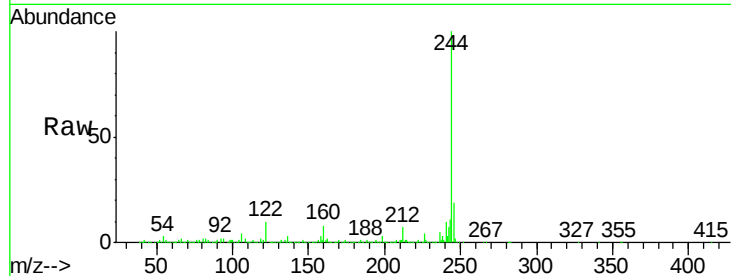
Tot Ion:244 Resp: 6679671

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

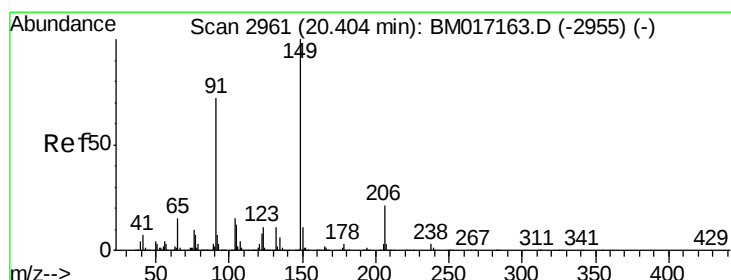
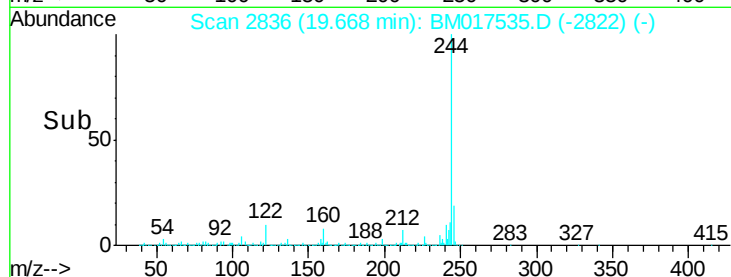
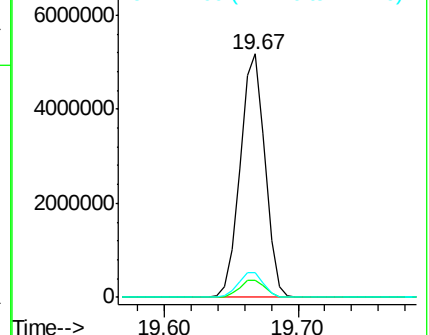
122 10.2 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 7.18 ng

RT: 20.33 min Scan# 2948

Delta R.T. -0.06 min

Lab File: BM017535.D

Acq: 06 Nov 2018 20:05

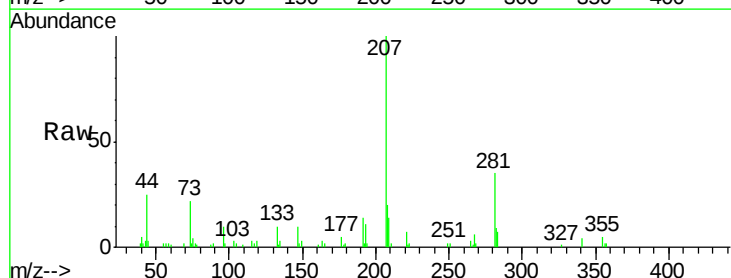
Tgt Ion:149 Resp: 265

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

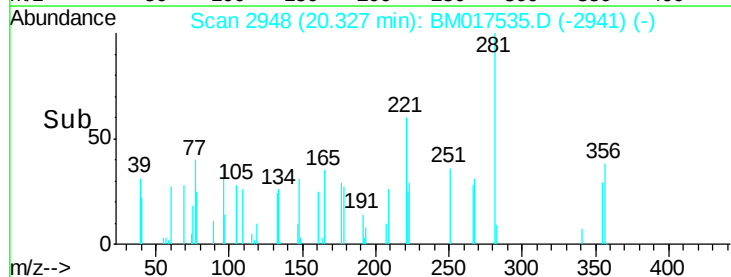
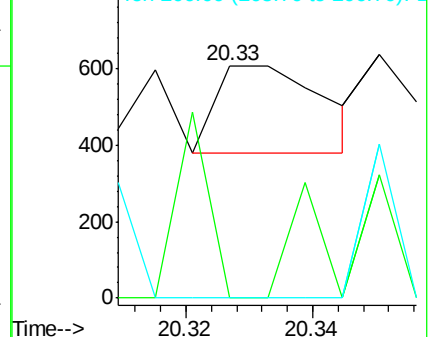
206 0.0 18.0 27.0#

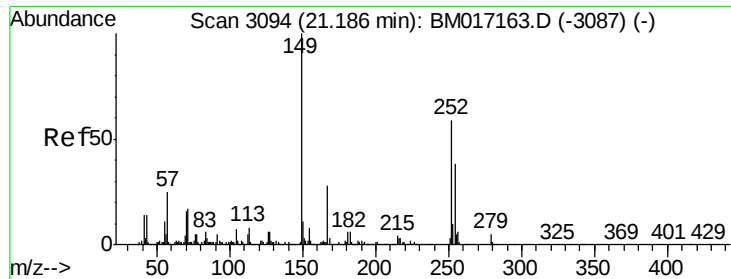


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

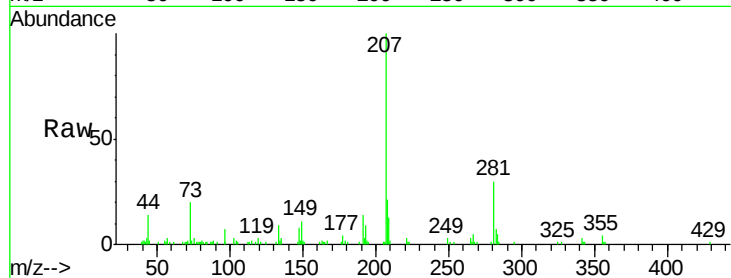




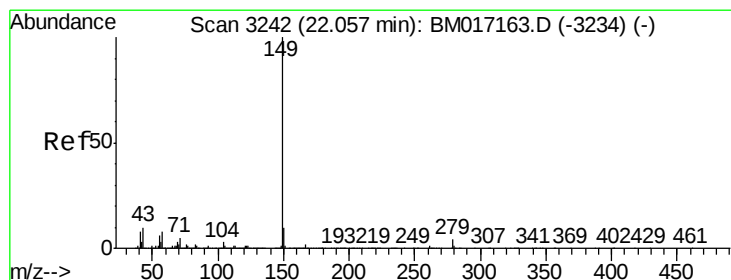
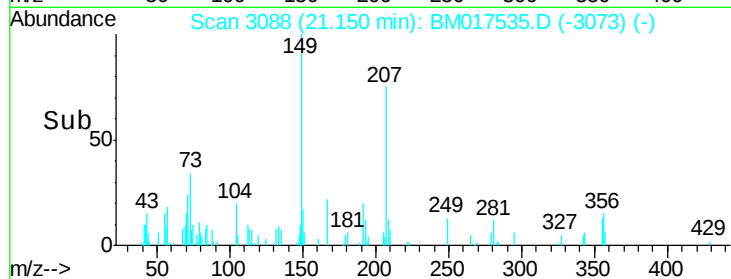
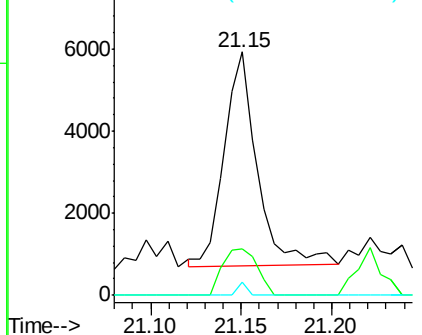
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 5.41 ng  
 RT: 21.15 min Scan# 3088  
 Delta R.T. -0.01 min  
 Lab File: BM017535.D  
 Acq: 06 Nov 2018 20:05

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:149 Resp: 6617  
 Ion Ratio Lower Upper  
 149 100  
 167 19.1 22.2 33.4#  
 279 5.6 3.6 5.4#

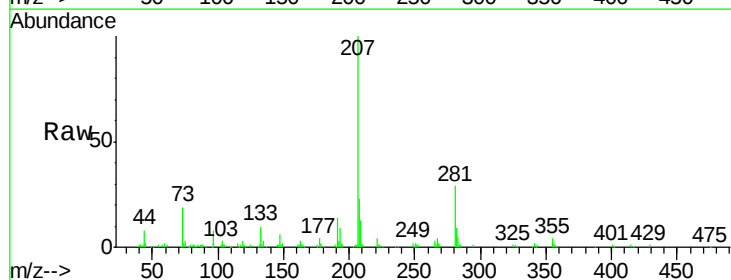


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

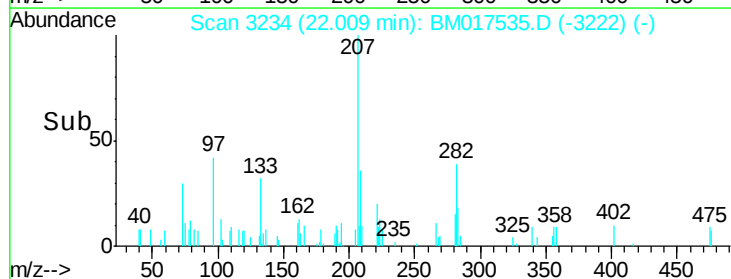
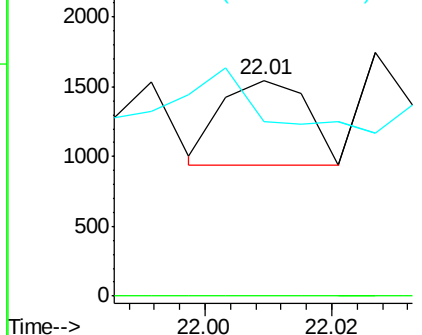


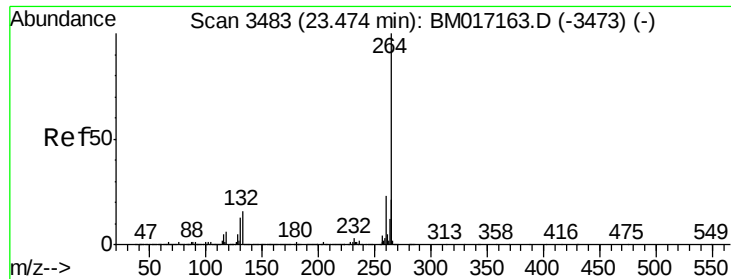
#85  
 Di-n-octyl phthalate  
 Concen: 5.58 ng  
 RT: 22.01 min Scan# 3234  
 Delta R.T. -0.03 min  
 Lab File: BM017535.D  
 Acq: 06 Nov 2018 20:05

Tgt Ion:149 Resp: 565  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.4 2.0#  
 43 53.1 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BM0



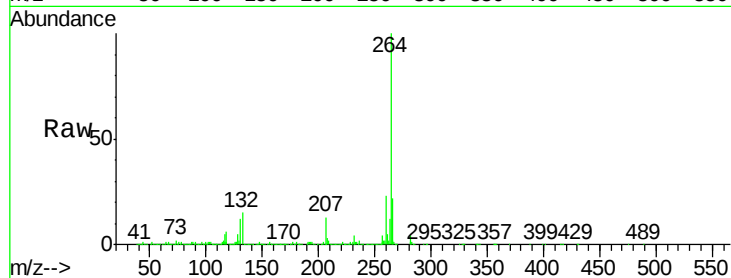


#87  
Pervlene-d12  
Concen: 20.00 ng  
RT: 23.42 min Scan# 3474  
Delta R.T. -0.03 min  
Lab File: BM017535.D  
Acq: 06 Nov 2018 20:05

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:264 Resp: 1903059  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.6  | 18.6  | 27.8  |
| 265 | 21.8  | 17.8  | 26.8  |



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

