

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\  
 Data File : BF097115.D  
 Acq On : 27 Jul 2017 9:58  
 Operator : SJ/JU  
 Sample : I4443-13  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-M7-BASE

Quant Time: Jul 27 11:39:13 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 14:11:51 2017  
 Response via : Initial Calibration

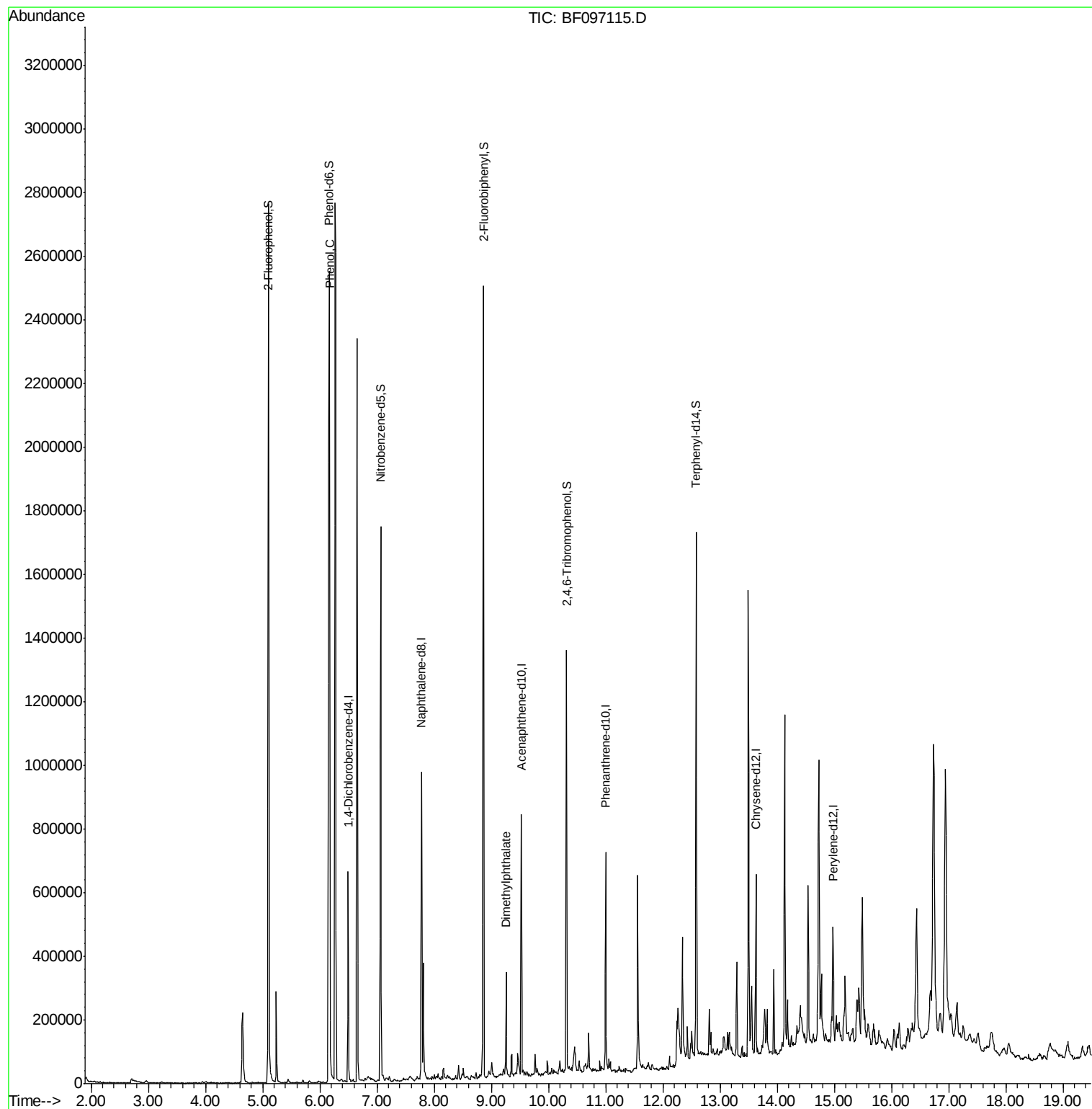
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.50  | 152  | 101772   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.78  | 136  | 449343   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.53  | 164  | 163075   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.00 | 188  | 224464   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.63 | 240  | 185490   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 14.98 | 264  | 143786   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.10  | 112  | 896557   | 132.80 | ng    | 0.00     |
| 7) Phenol-d6                | 6.16  | 99   | 1063627  | 138.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.07  | 82   | 600495   | 78.40  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.32 | 330  | 153524   | 119.15 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.86  | 172  | 879703   | 91.55  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.59 | 244  | 494615   | 54.37  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.17  | 94   | 57761    | 6.318  | ng    | 97       |
| 49) Dimethylphthalate       | 9.26  | 163  | 117491   | 9.488  | ng    | 99       |

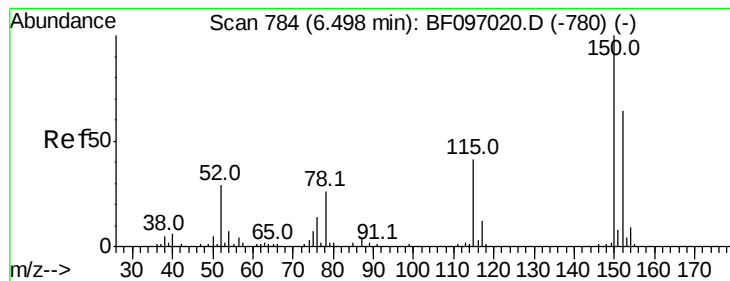
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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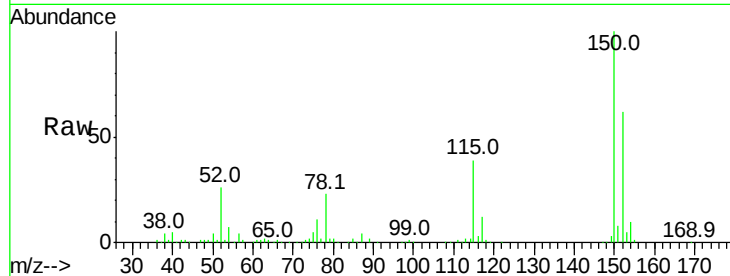


#1

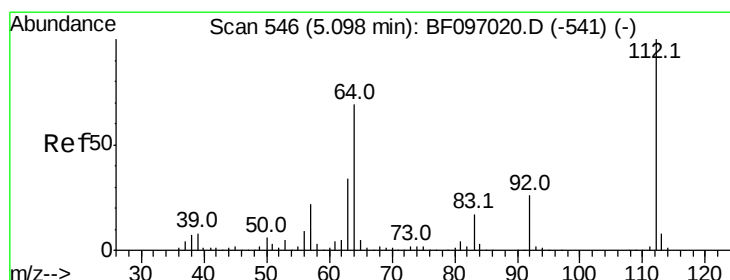
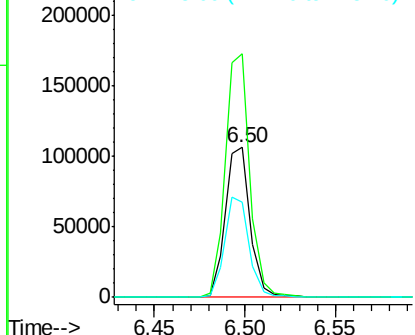
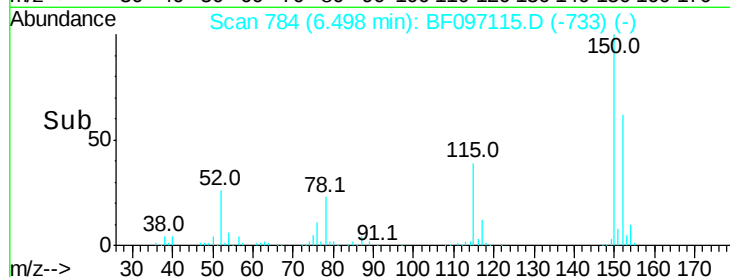
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.50 min Scan# 784  
Delta R.T. 0.00 min  
Lab File: BF097115.D  
Acq: 27 Jul 2017 9:58

Instrument :  
BNA\_F  
ClientSampleId :  
E2-M7-BASE

Tot Ion:152 Resp: 101772  
Ion Ratio Lower Upper  
152 100  
150 162.5 126.2 189.2  
115 63.5 52.2 78.2



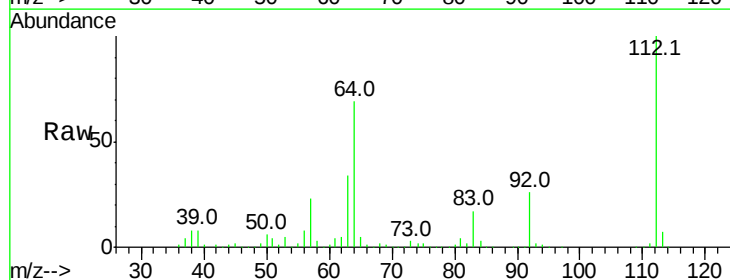
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



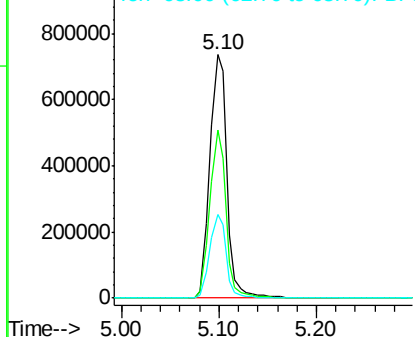
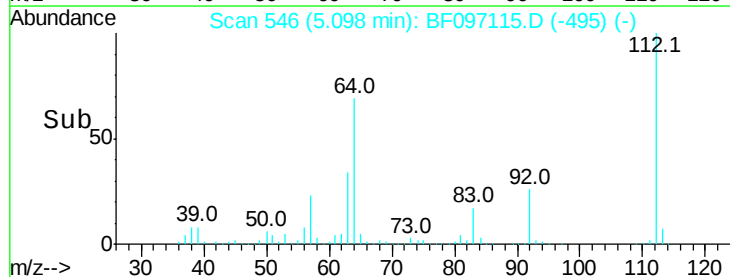
#5

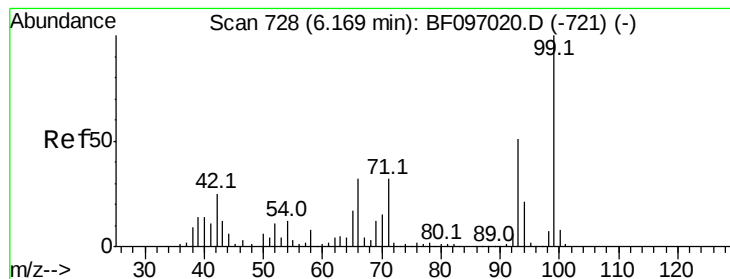
2-Fluorophenol  
Concen: 132.802 ng  
RT: 5.10 min Scan# 546  
Delta R.T. 0.00 min  
Lab File: BF097115.D  
Acq: 27 Jul 2017 9:58

Tgt Ion:112 Resp: 896557  
Ion Ratio Lower Upper  
112 100  
64 68.8 46.0 69.0  
63 34.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.005 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

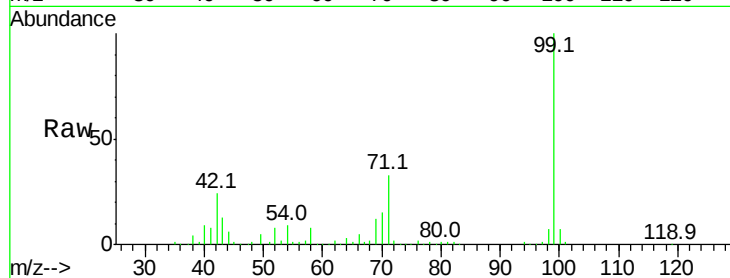
BNA\_F

ClientSampleId :

E2-M7-BASE

Tot Ion: 99 Resp: 1063627

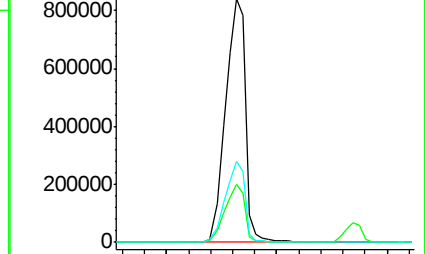
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.8  | 13.5  | 20.3# |
| 71  | 33.3  | 24.5  | 36.7  |



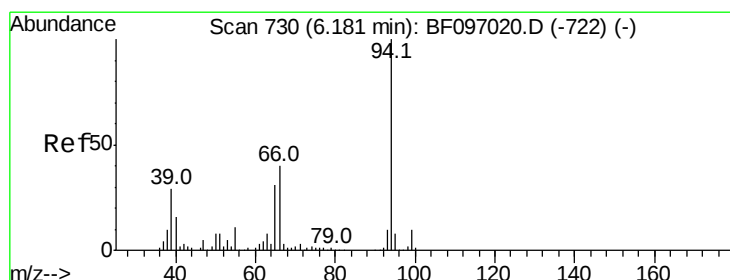
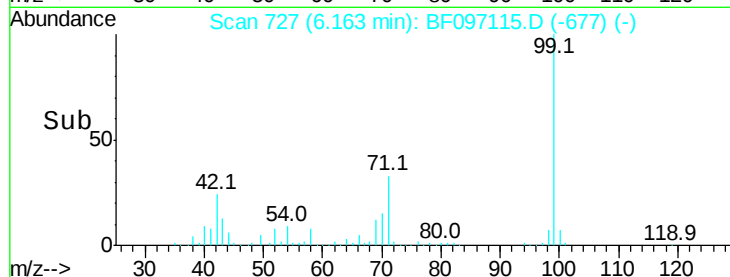
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 6.318 ng

RT: 6.17 min Scan# 729

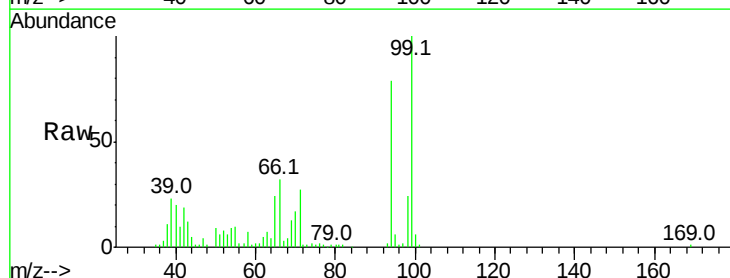
Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Tgt Ion: 94 Resp: 57761

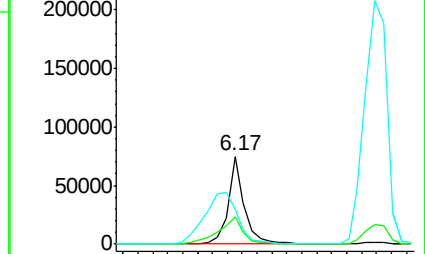
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 30.4  | 9.9   | 49.9  |
| 66  | 40.5  | 23.1  | 63.1  |



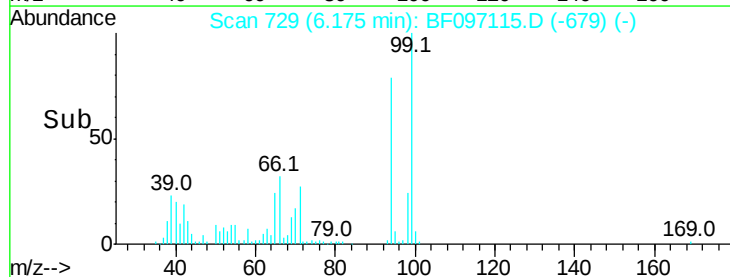
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA\_F

ClientSampleId :

E2-M7-BASE

Tot Ion:136 Resp: 449343

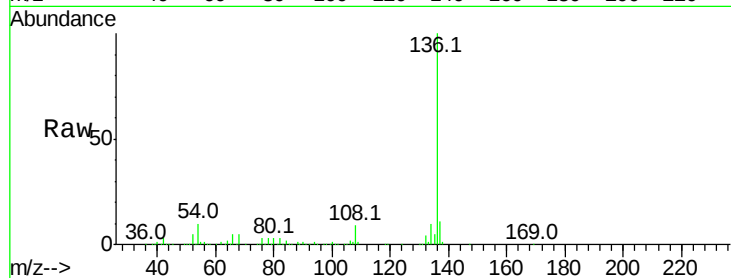
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.9 4.9 7.3#

68 5.2 4.1 6.1

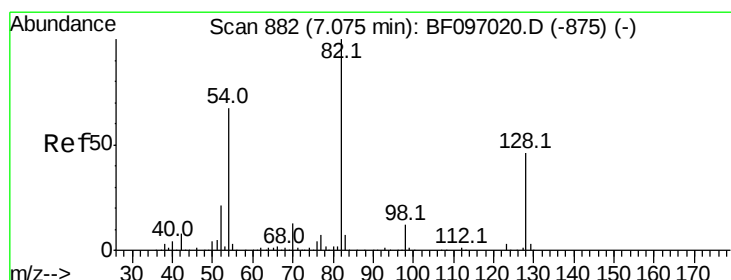
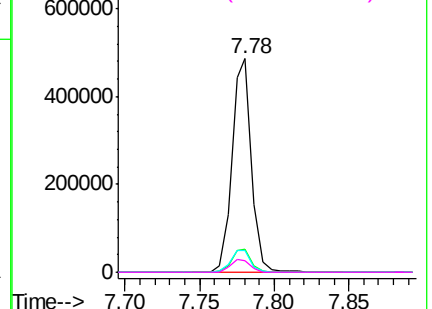
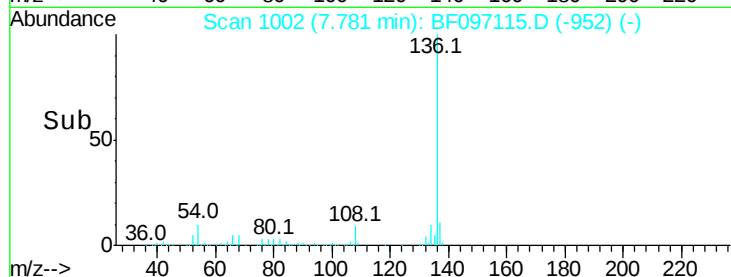


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 78.398 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

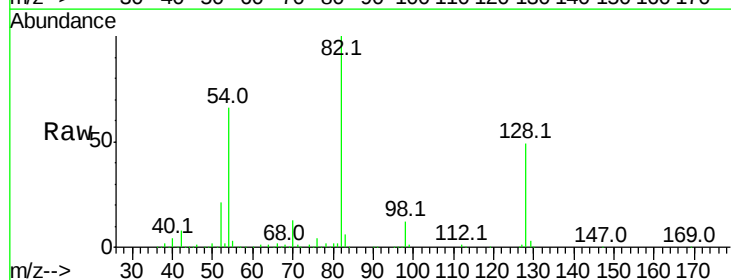
Tgt Ion: 82 Resp: 600495

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

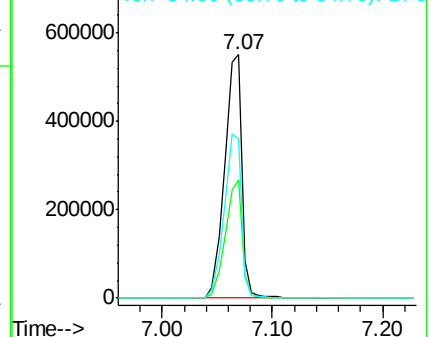
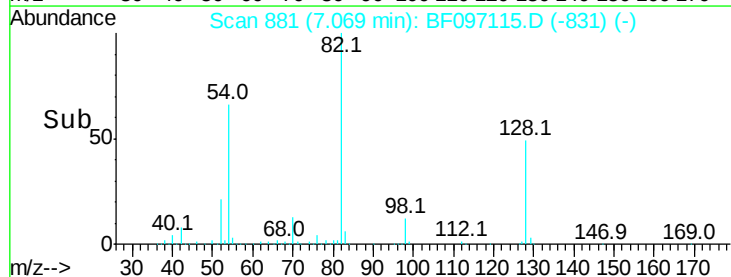
54 65.6 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

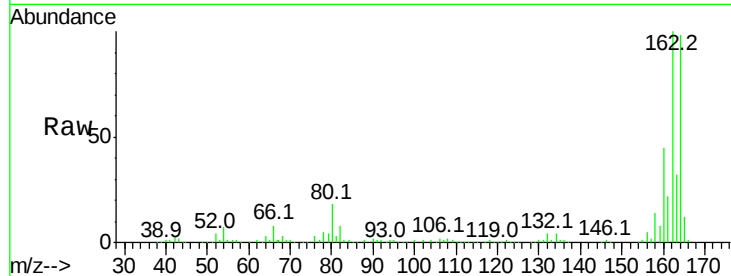




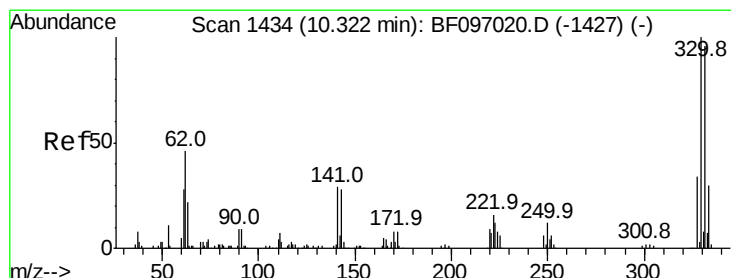
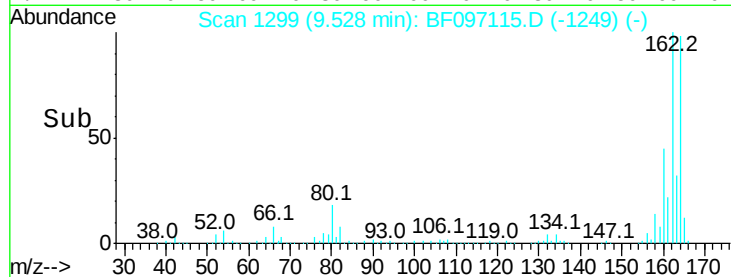
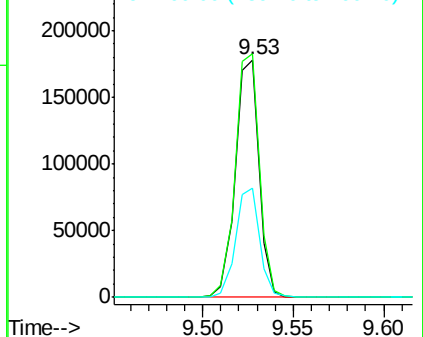
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.53 min Scan# 1299  
 Delta R.T. -0.01 min  
 Lab File: BF097115.D  
 Acq: 27 Jul 2017 9:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-M7-BASE

Tot Ion:164 Resp: 163075  
 Ion Ratio Lower Upper  
 164 100  
 162 102.4 82.6 123.8  
 160 46.2 36.2 54.2

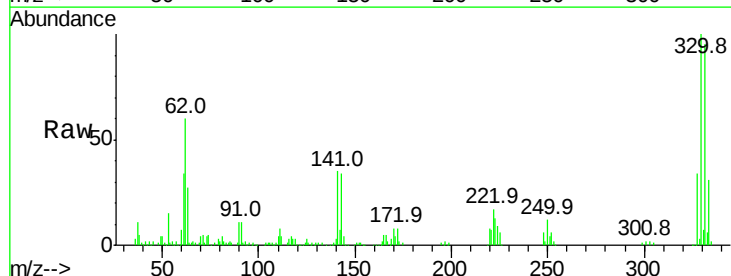


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

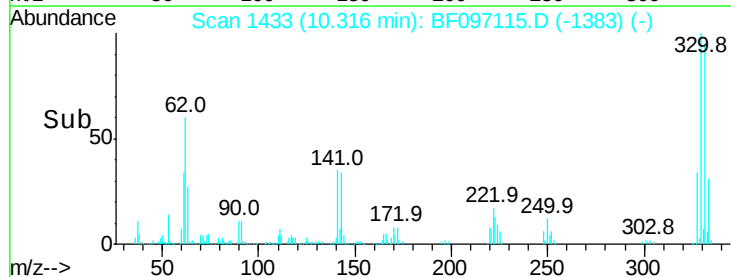
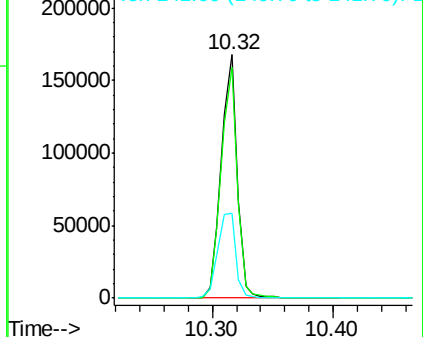


#41  
 2,4,6-Tribromophenol  
 Concen: 119.154 ng  
 RT: 10.32 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BF097115.D  
 Acq: 27 Jul 2017 9:58

Tgt Ion:330 Resp: 153524  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 76.6 115.0  
 141 39.5 31.4 47.2



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

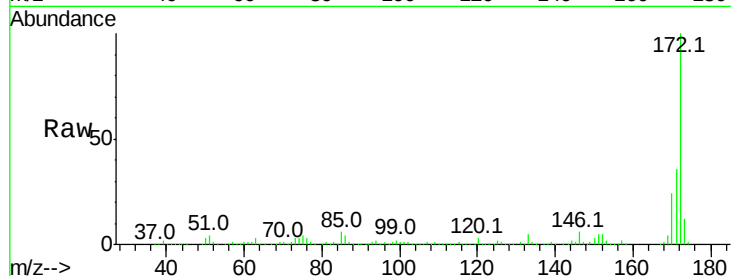




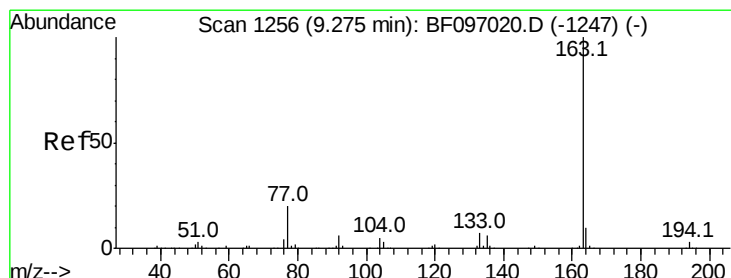
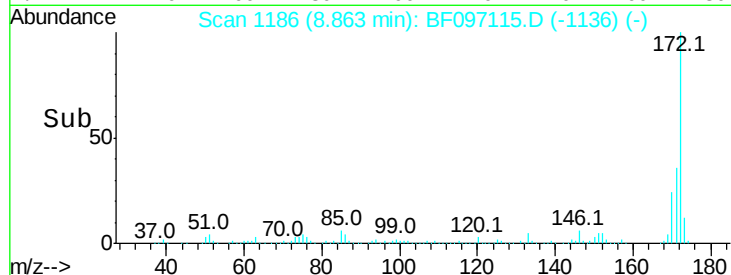
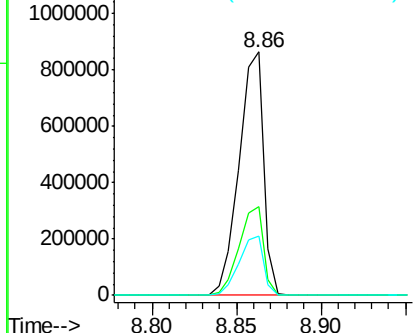
#44  
2-Fluorobiphenyl  
Concen: 91.549 ng  
RT: 8.86 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: BF097115.D  
Acq: 27 Jul 2017 9:58

Instrument :  
BNA\_F  
ClientSampleId :  
E2-M7-BASE

Tot Ion:172 Resp: 879703  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 24.1 19.8 29.8

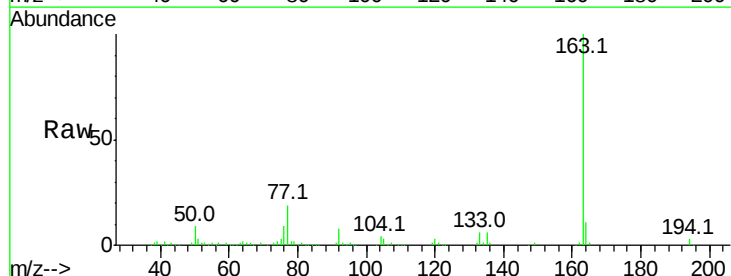


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

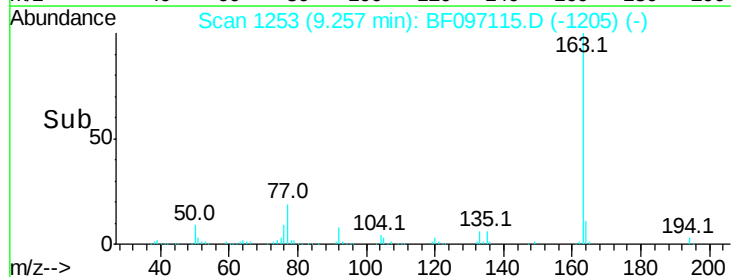
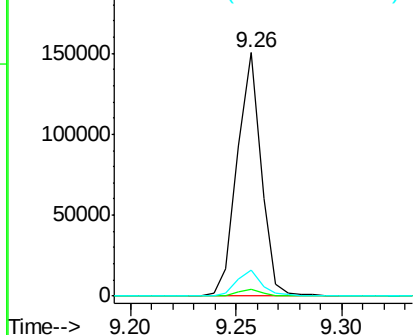


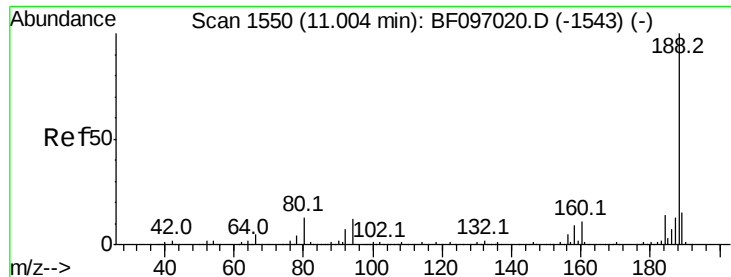
#49  
Dimethylphthalate  
Concen: 9.488 ng  
RT: 9.26 min Scan# 1253  
Delta R.T. -0.02 min  
Lab File: BF097115.D  
Acq: 27 Jul 2017 9:58

Tgt Ion:163 Resp: 117491  
Ion Ratio Lower Upper  
163 100  
194 3.0 2.6 4.0  
164 10.7 8.4 12.6



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

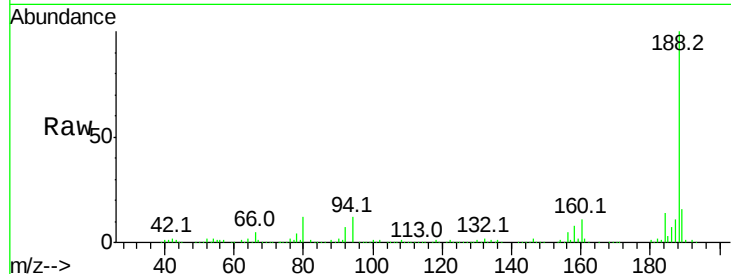




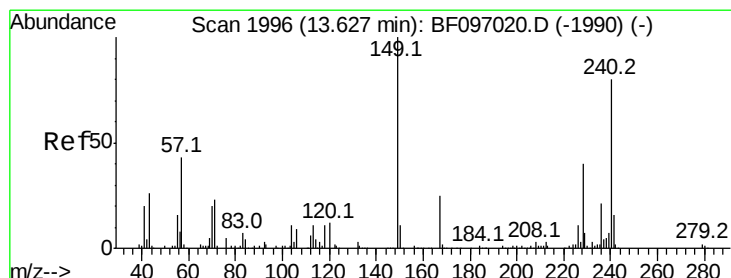
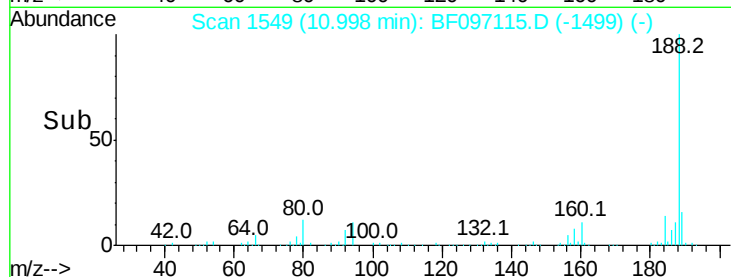
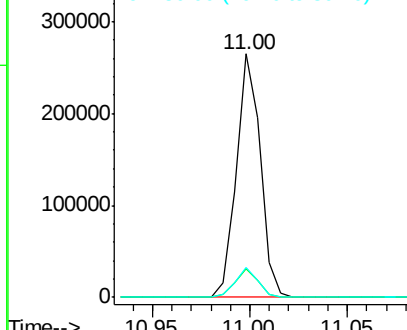
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.00 min Scan# 1549  
Delta R.T. -0.01 min  
Lab File: BF097115.D  
Acq: 27 Jul 2017 9:58

Instrument :  
BNA\_F  
ClientSampleId :  
E2-M7-BASE

Tot Ion:188 Resp: 224464  
Ion Ratio Lower Upper  
188 100  
94 11.6 9.4 14.2  
80 12.2 10.2 15.2

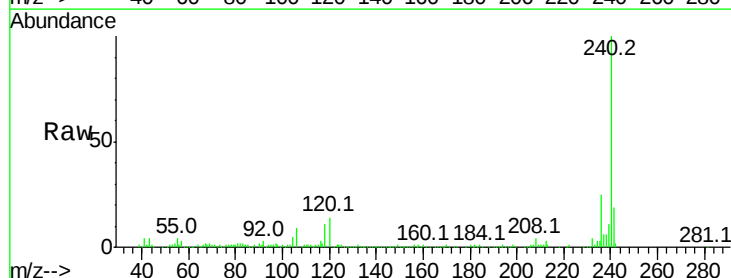


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

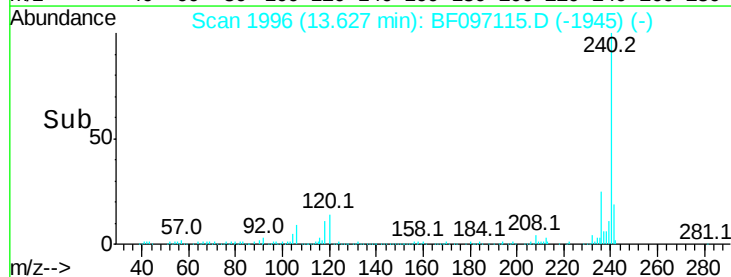
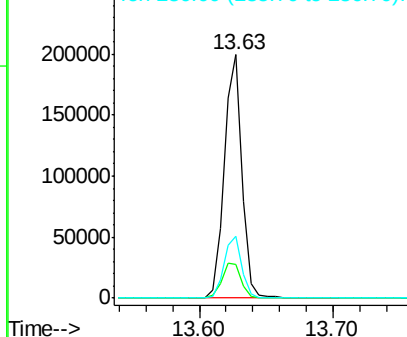


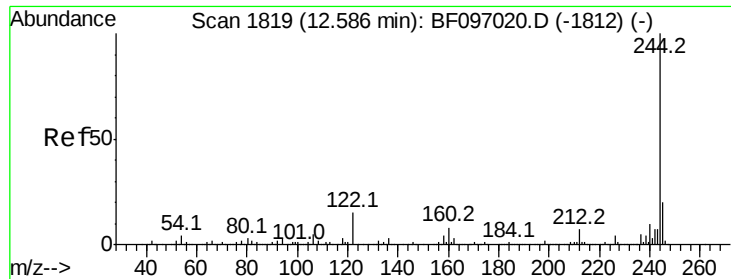
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.63 min Scan# 1996  
Delta R.T. 0.00 min  
Lab File: BF097115.D  
Acq: 27 Jul 2017 9:58

Tgt Ion:240 Resp: 185490  
Ion Ratio Lower Upper  
240 100  
120 13.8 5.8 8.8#  
236 25.4 20.5 30.7



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: 54.367 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA\_F

ClientSampleId :

E2-M7-BASE

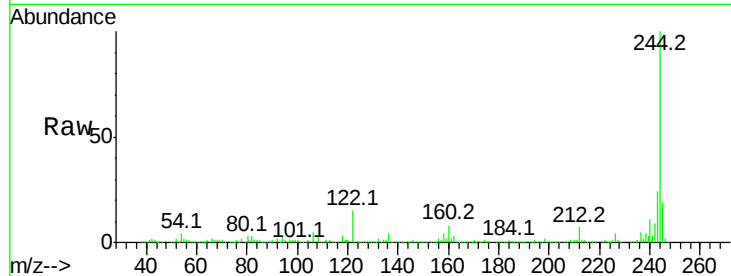
Tot Ion:244 Resp: 494615

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

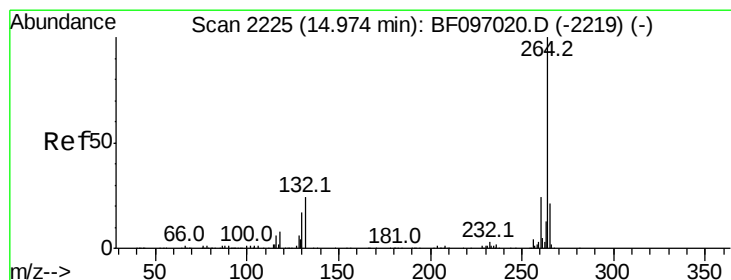
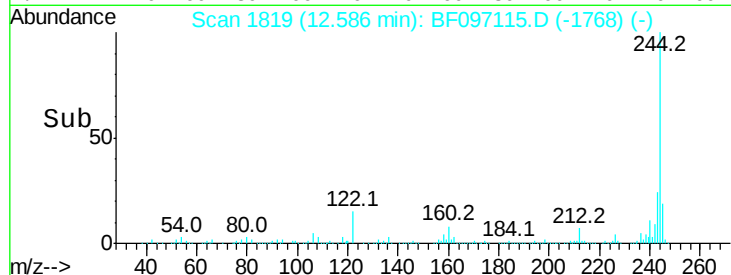
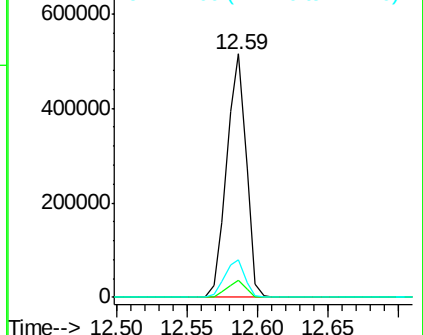
122 15.4 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.98 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

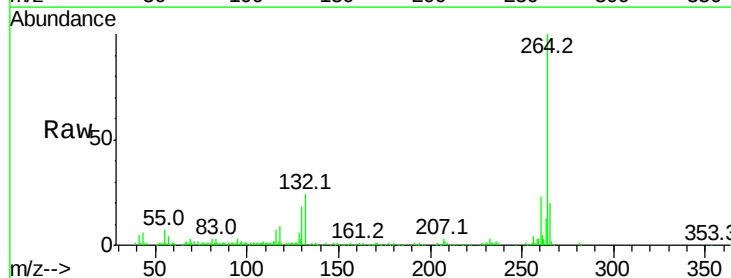
Tgt Ion:264 Resp: 143786

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.5 17.2 25.8



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

