

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\  
 Data File : BM020278.D  
 Acq On : 11 May 2019 18:32  
 Operator : JU/SJ  
 Sample : K2763-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS004-1218-01

Quant Time: May 12 03:12:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

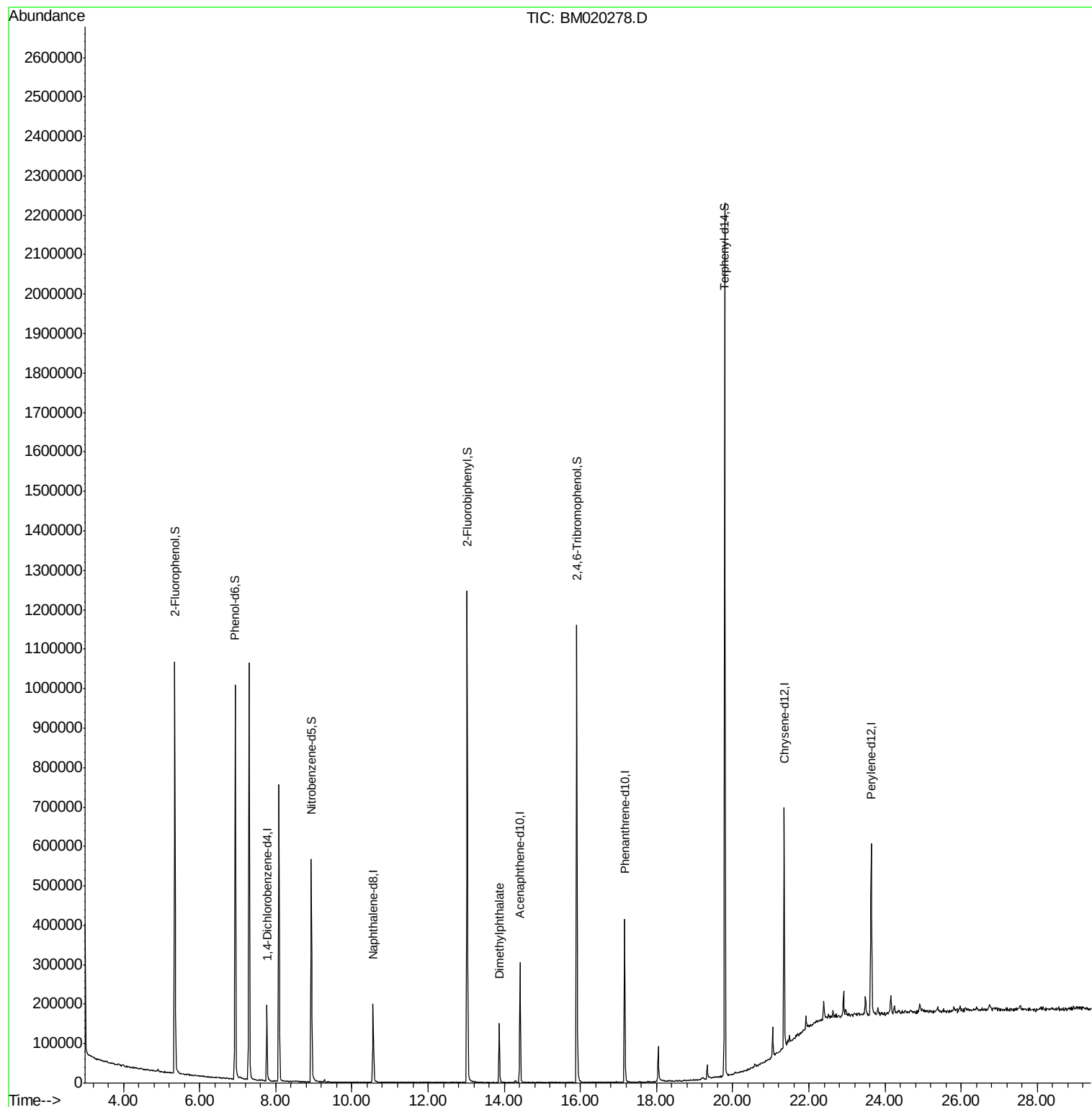
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.77  | 152  | 50229    | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.56 | 136  | 171669   | 20.00  | ng    | -0.03     |
| 39) Acenaphthene-d10        | 14.41 | 164  | 102161   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.16 | 188  | 252622   | 20.00  | ng    | -0.02     |
| 76) Chrysene-d12            | 21.35 | 240  | 274052   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 23.64 | 264  | 325464   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.35  | 112  | 416648   | 135.59 | ng    | -0.02     |
| 7) Phenol-d6                | 6.93  | 99   | 549977   | 131.01 | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 8.93  | 82   | 376814   | 86.66  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 15.90 | 330  | 223015   | 140.64 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 13.03 | 172  | 646550   | 77.87  | ng    | -0.03     |
| 79) Terphenyl-d14           | 19.79 | 244  | 1067424  | 67.94  | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.87 | 163  | 98684    | 11.365 | ng    | Qvalue 99 |

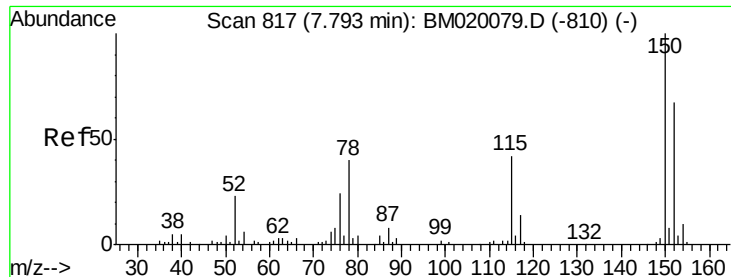
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\  
Data File : BM020278.D  
Acq On : 11 May 2019 18:32  
Operator : JU/SJ  
Sample : K2763-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS004-1218-01

Quant Time: May 12 03:12:07 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:58:37 2019  
Response via : Initial Calibration



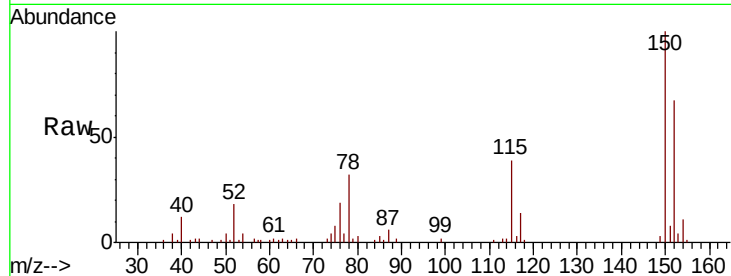


#1

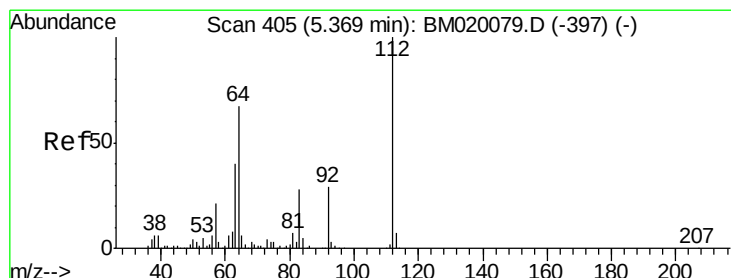
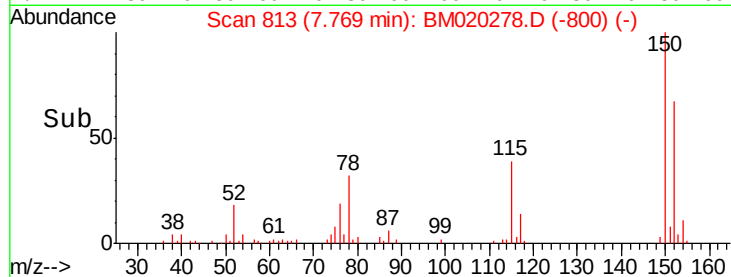
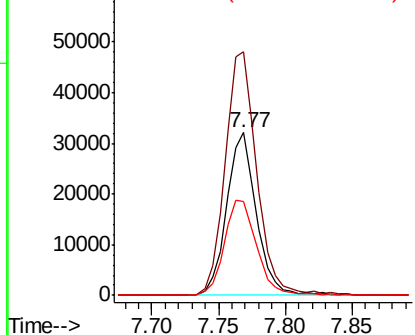
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.77 min Scan# 813  
Delta R.T. -0.02 min  
Lab File: BM020278.D  
Acq: 11 May 2019 18:32

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS004-1218-01

Tot Ion:152 Resp: 50229  
Ion Ratio Lower Upper  
152 100  
150 149.7 119.8 179.8  
115 58.0 50.8 76.2



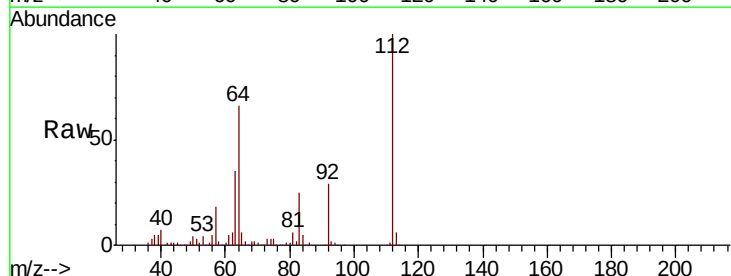
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



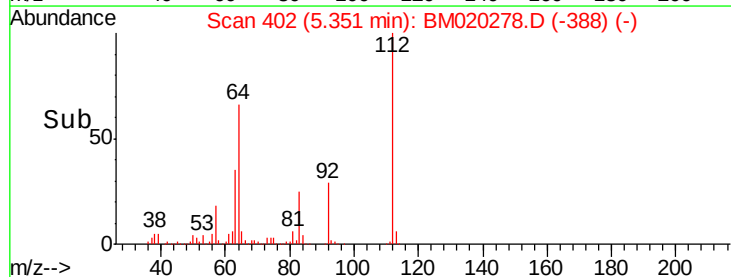
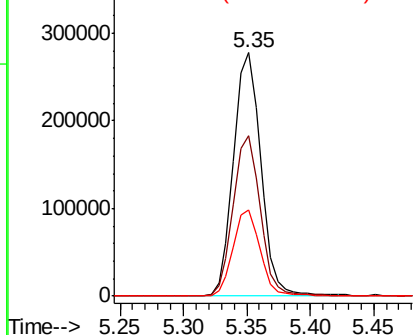
#5

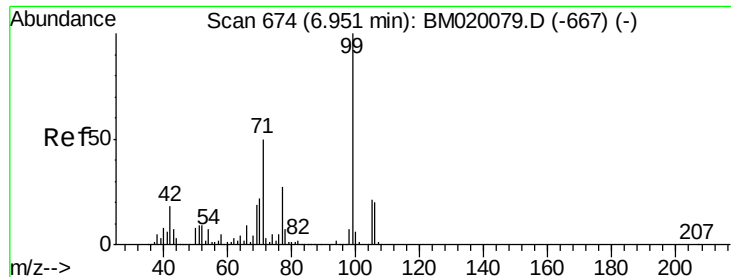
2-Fluorophenol  
Concen: 135.589 ng  
RT: 5.35 min Scan# 402  
Delta R.T. -0.02 min  
Lab File: BM020278.D  
Acq: 11 May 2019 18:32

Tgt Ion:112 Resp: 416648  
Ion Ratio Lower Upper  
112 100  
64 66.1 53.8 80.6  
63 35.3 32.3 48.5



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: 131.010 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020278.D

Acq: 11 May 2019 18:32

Instrument :

BNA\_M

ClientSampleId :

P021-SS004-1218-01

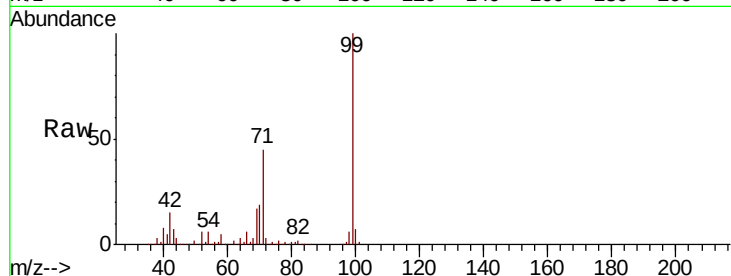
Tot Ion: 99 Resp: 549977

Ion Ratio Lower Upper

99 100

42 14.6 14.2 21.2

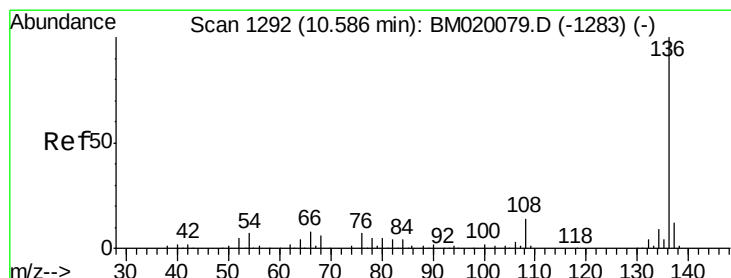
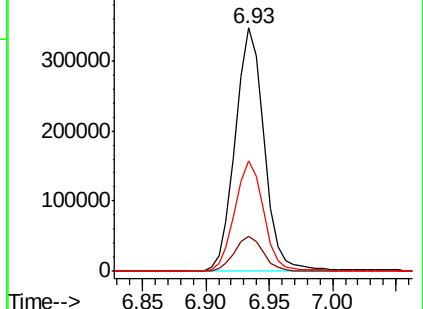
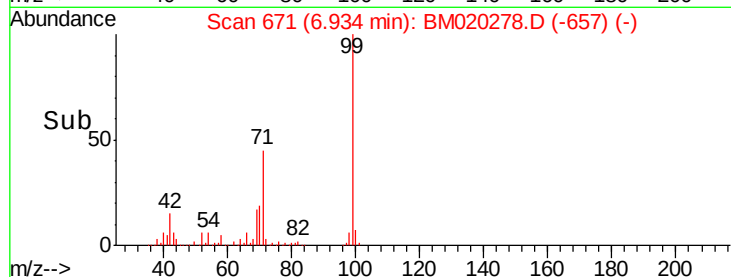
71 45.3 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020278.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020278.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020278.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BM020278.D

Acq: 11 May 2019 18:32

Tgt Ion: 136 Resp: 171669

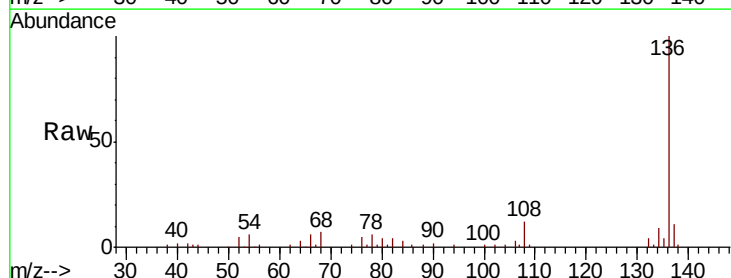
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 6.2 5.5 8.3

68 7.1 4.6 6.8#

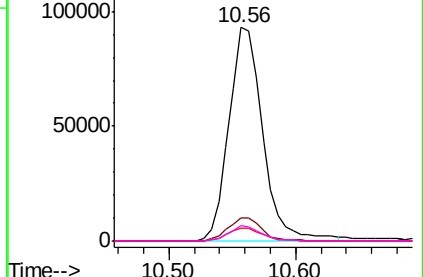
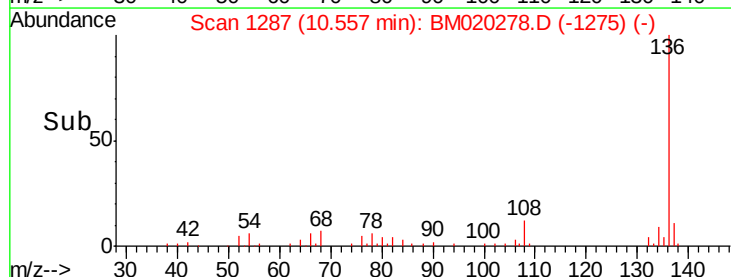


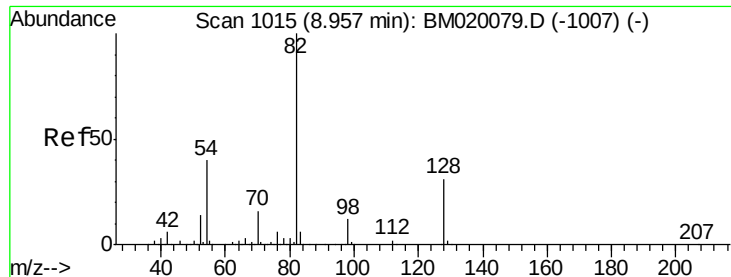
Abundance Ion 136.00 (135.70 to 136.70): BM020278.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020278.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020278.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020278.D (-1275) (-)

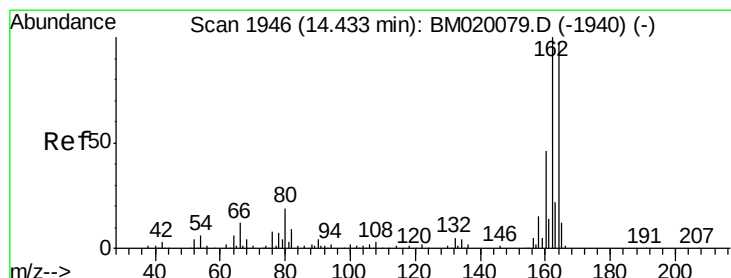
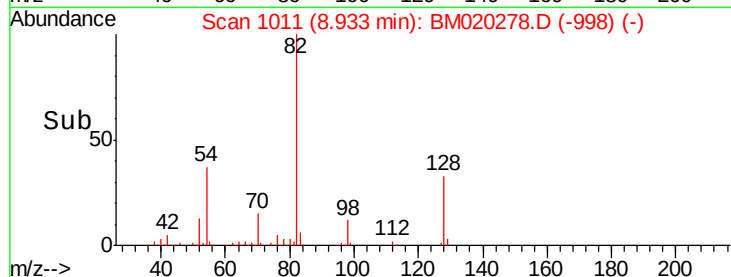
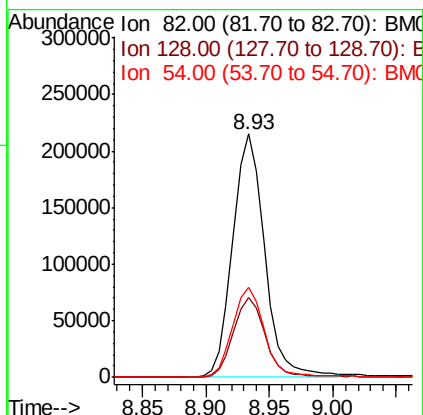
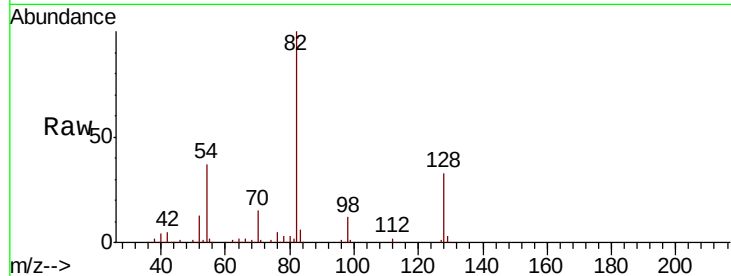




#23  
Nitrobenzene-d5  
Concen: 86.659 ng  
RT: 8.93 min Scan# 1011  
Delta R.T. -0.02 min  
Lab File: BM020278.D  
Acq: 11 May 2019 18:32

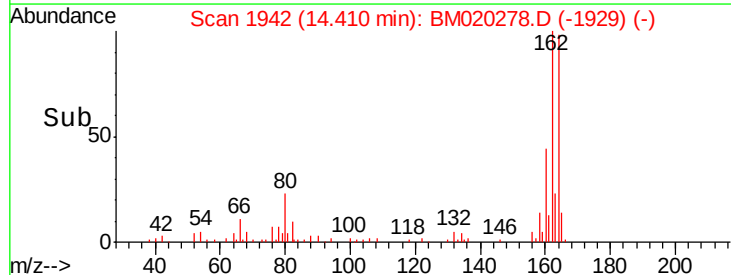
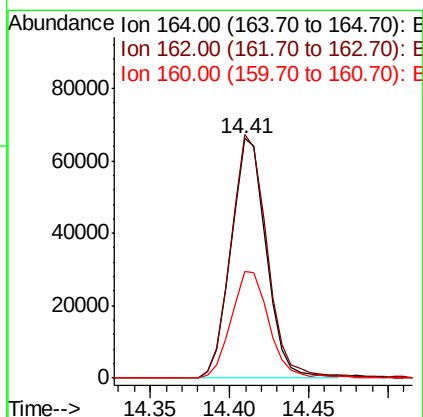
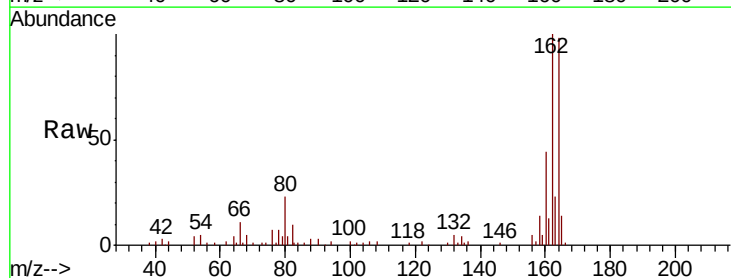
Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS004-1218-01

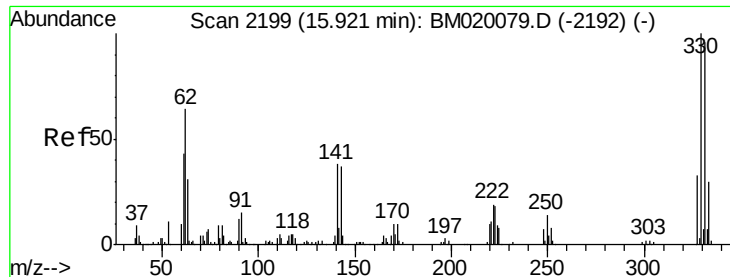
| Tot Ion   | 82   | Resp  | 376814 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 33.0 | 25.2  | 37.8   |
| 54        | 36.9 | 31.9  | 47.9   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.41 min Scan# 1942  
Delta R.T. -0.02 min  
Lab File: BM020278.D  
Acq: 11 May 2019 18:32

| Tgt Ion   | 164   | Resp  | 102161 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 162       | 101.8 | 82.2  | 123.2  |
| 160       | 44.8  | 37.6  | 56.4   |

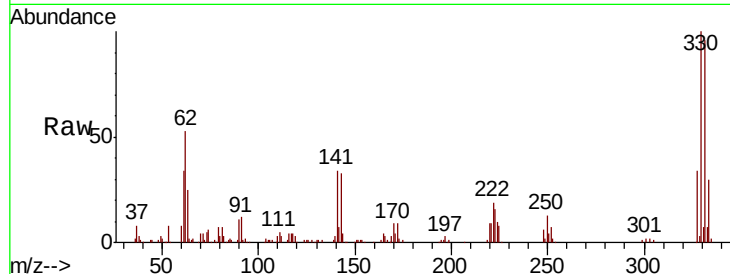




#42  
 2,4,6-Tribromophenol  
 Concen: 140.639 ng  
 RT: 15.90 min Scan# 2196  
 Delta R.T. -0.02 min  
 Lab File: BM020278.D  
 Acq: 11 May 2019 18:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS004-1218-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 76.8  | 115.2 |
| 141     | 33.2  | 29.2  | 43.8  |

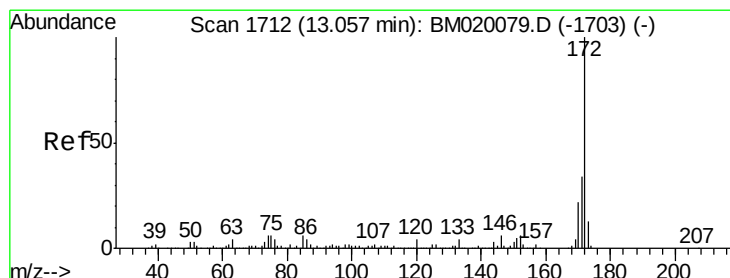
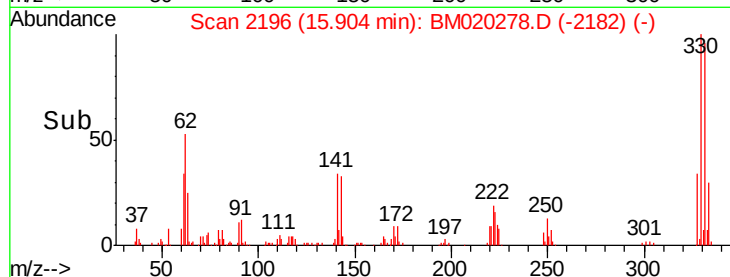
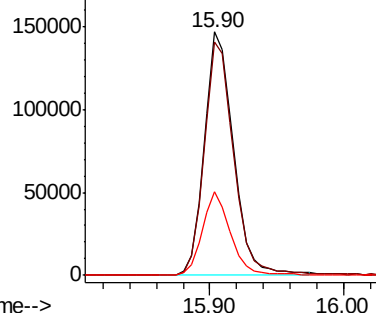


Abundance

Ion 329.80 (329.50 to 330.50): E

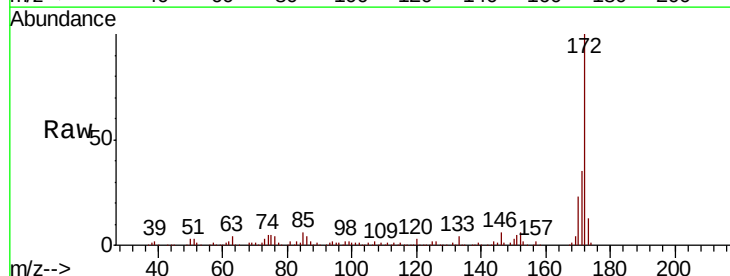
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 77.867 ng  
 RT: 13.03 min Scan# 1707  
 Delta R.T. -0.03 min  
 Lab File: BM020278.D  
 Acq: 11 May 2019 18:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.9  | 27.3  | 40.9  |
| 170     | 22.6  | 17.9  | 26.9  |

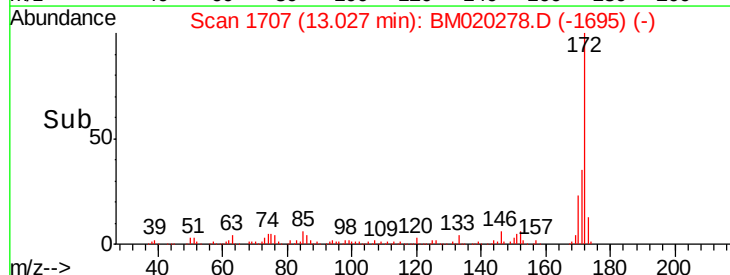
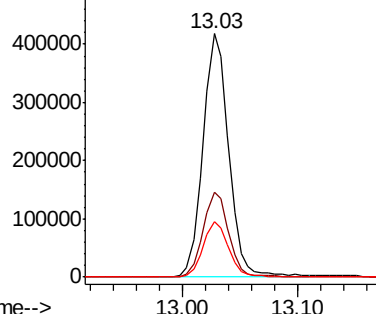


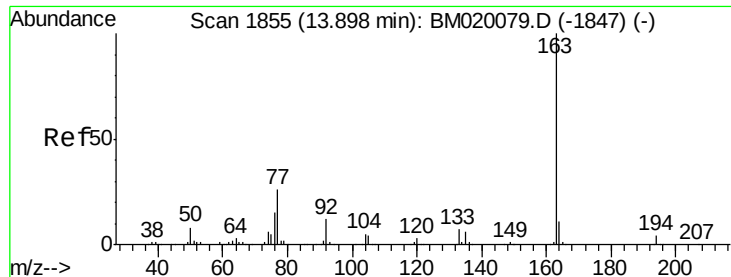
Abundance

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: 11.365 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020278.D

Acq: 11 May 2019 18:32

Instrument :

BNA\_M

ClientSampleId :

P021-SS004-1218-01

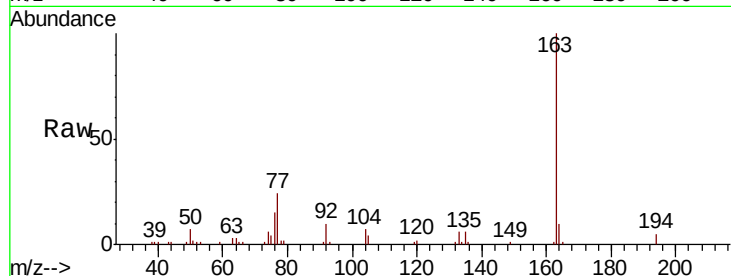
Tot Ion:163 Resp: 98684

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

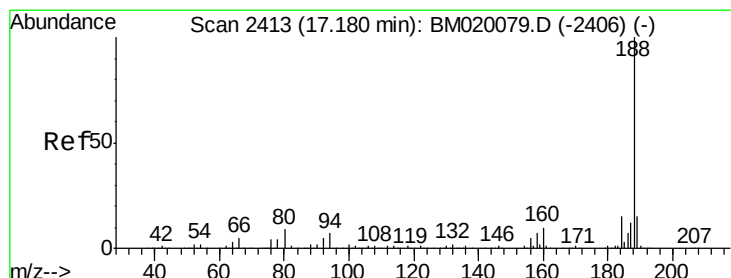
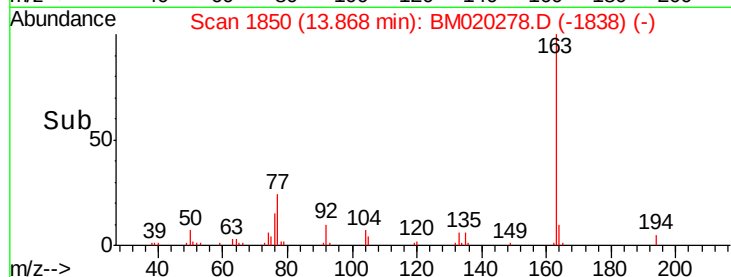
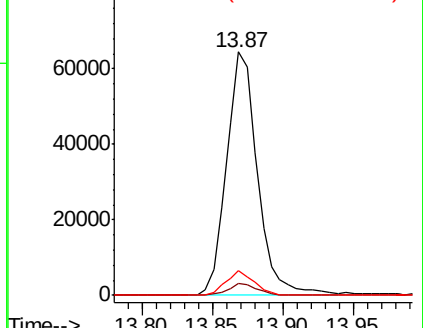
164 10.1 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2410

Delta R.T. -0.02 min

Lab File: BM020278.D

Acq: 11 May 2019 18:32

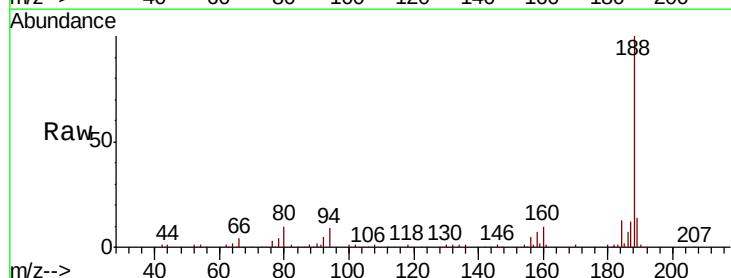
Tgt Ion:188 Resp: 252622

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

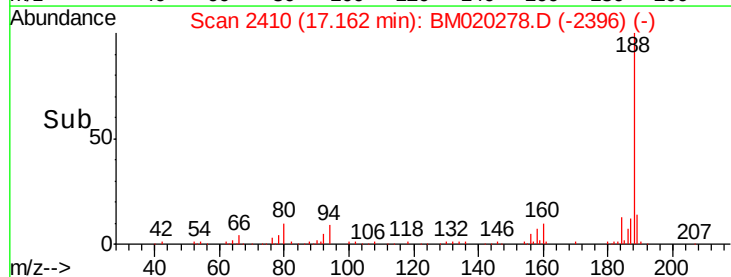
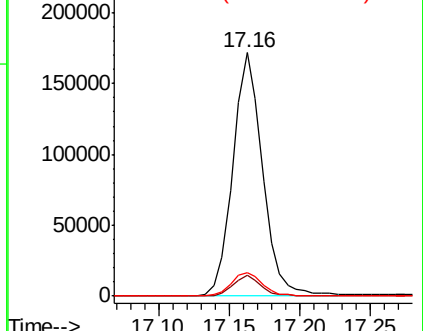
80 9.6 7.4 11.2

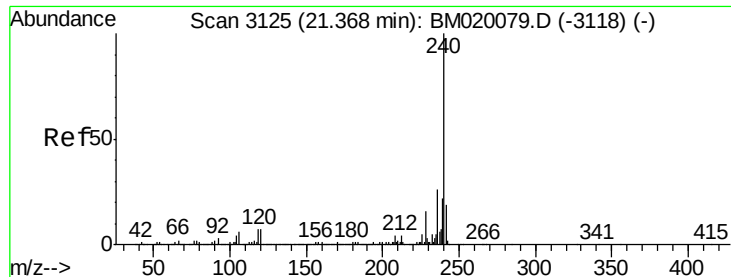


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

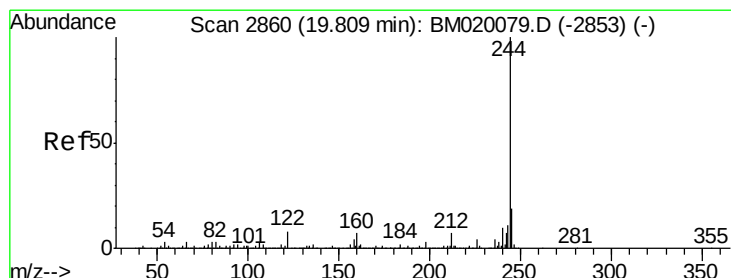
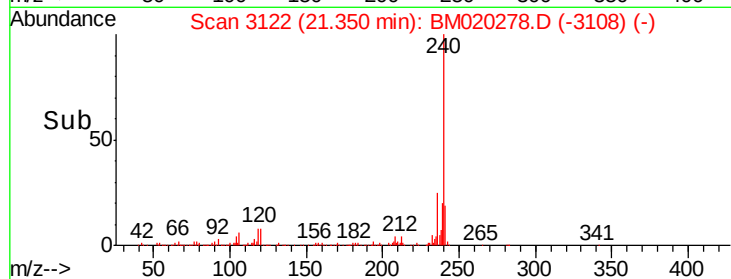
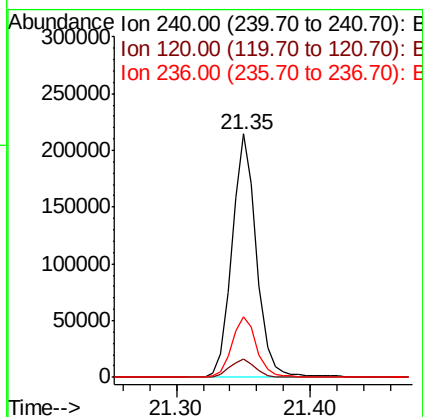
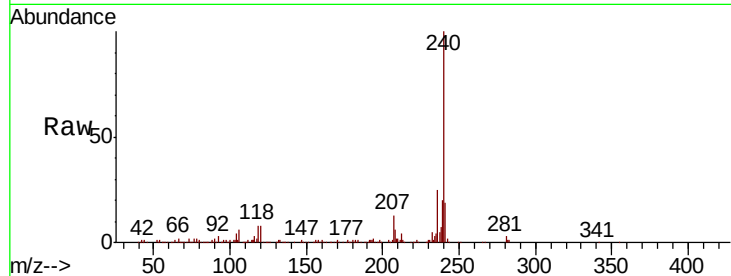




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.35 min Scan# 3122  
 Delta R.T. -0.02 min  
 Lab File: BM020278.D  
 Acq: 11 May 2019 18:32

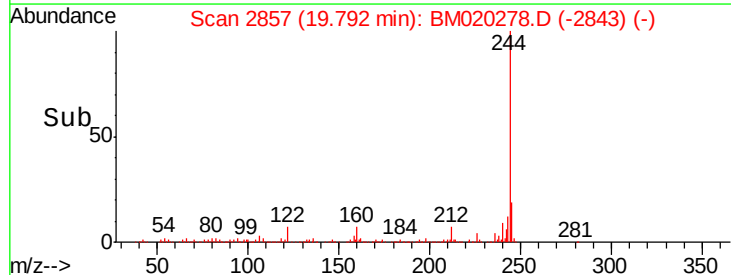
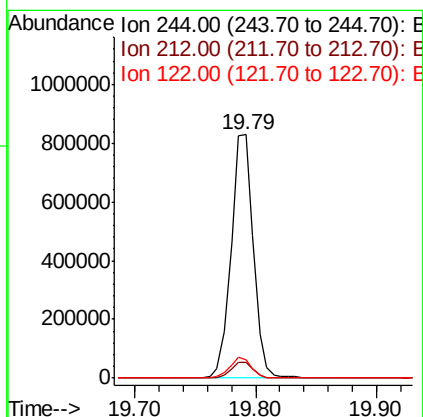
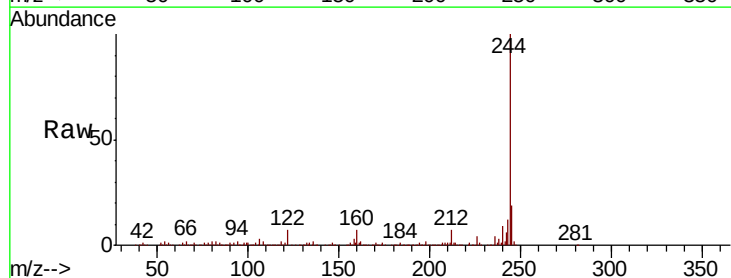
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P021-SS004-1218-01

Tot Ion:240 Resp: 274052  
 Ion Ratio Lower Upper  
 240 100  
 120 7.7 5.6 8.4  
 236 25.1 20.9 31.3

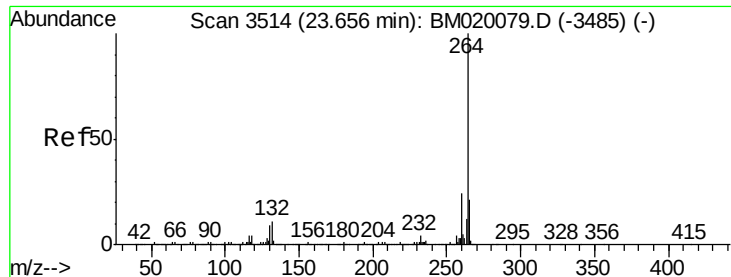


#79  
 Terphenyl-d14  
 Concen: 67.937 ng  
 RT: 19.79 min Scan# 2857  
 Delta R.T. -0.02 min  
 Lab File: BM020278.D  
 Acq: 11 May 2019 18:32

Tgt Ion:244 Resp: 1067424  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.7 8.5  
 122 7.3 6.2 9.2



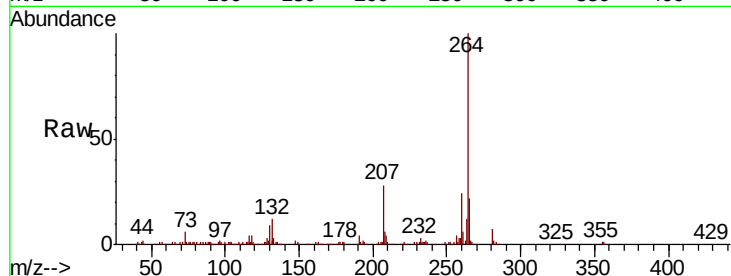




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.64 min Scan# 3511  
Delta R.T. -0.02 min  
Lab File: BM020278.D  
Acq: 11 May 2019 18:32

Instrument :  
BNA\_M  
ClientSampleId :  
P021-SS004-1218-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 325464 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.8  | 19.2  | 28.8   |
| 265      | 22.0  | 16.9  | 25.3   |



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

