

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111217\  
 Data File : BF100487.D  
 Acq On : 12 Nov 2017 14:07  
 Operator : SJ/JU  
 Sample : I6402-12  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 110717-JETT-E-U-S

Quant Time: Nov 13 06:35:52 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 10 15:44:40 2017  
 Response via : Initial Calibration

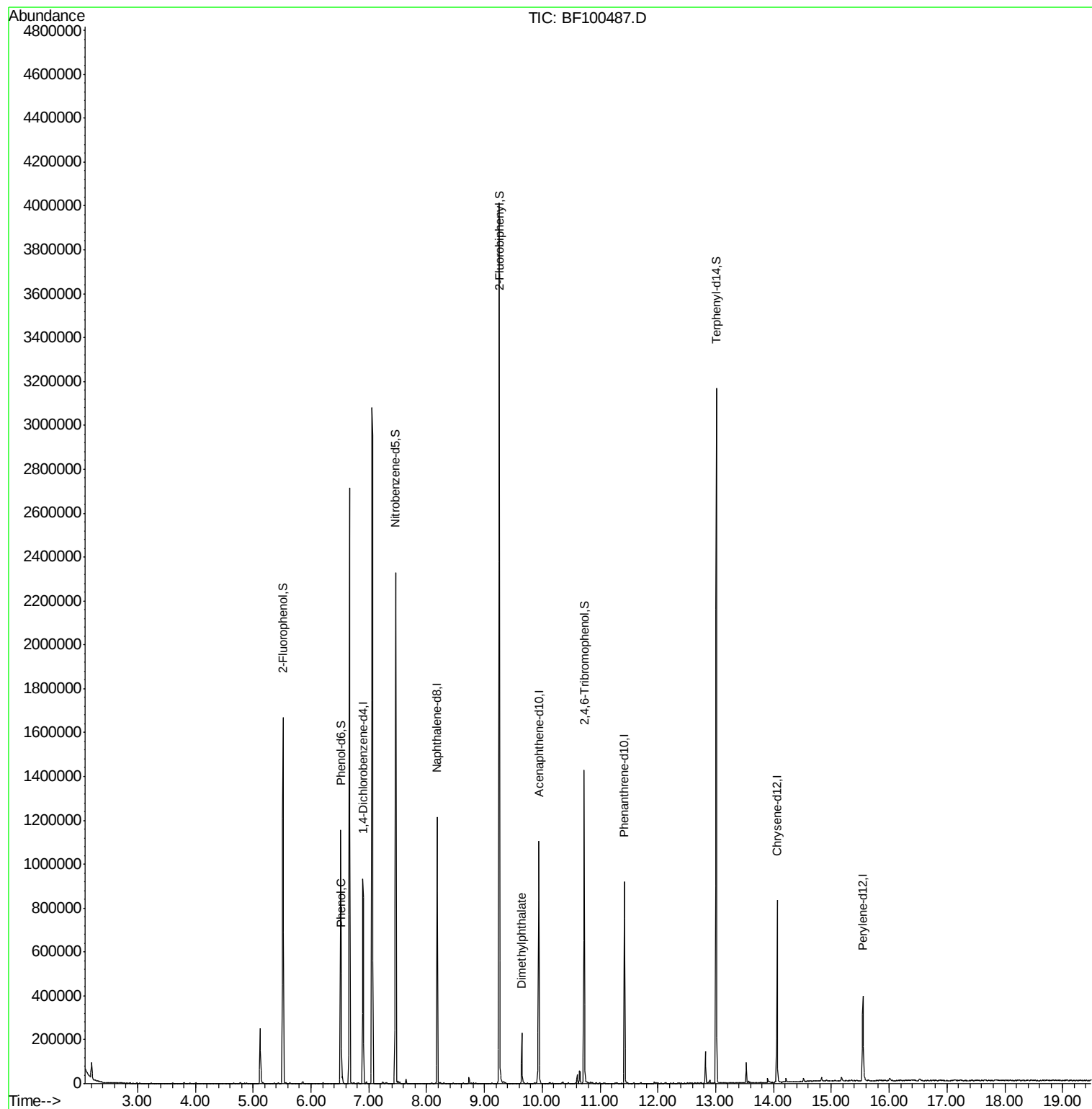
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.90  | 152  | 139827   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.18  | 136  | 515679   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.94  | 164  | 210600   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.42 | 188  | 324266   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.06 | 240  | 287178   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.54 | 264  | 198929   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 426790   | 48.93  | ng    | 0.00     |
| 7) Phenol-d6                | 6.52  | 99   | 329577   | 30.64  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.46  | 82   | 903817   | 115.88 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.73 | 330  | 190648   | 88.84  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.26  | 172  | 1475105  | 106.66 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.01 | 244  | 1053137  | 84.26  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.53  | 94   | 27268    | 2.415  | ng    | 98       |
| 49) Dimethylphthalate       | 9.65  | 163  | 93351    | 5.806  | ng    | 99       |

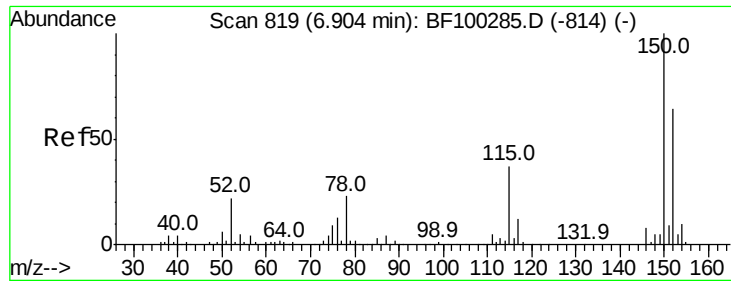
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111217\  
Data File : BF100487.D  
Acq On : 12 Nov 2017 14:07  
Operator : SJ/JU  
Sample : I6402-12  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
110717-JETT-E-U-S

Quant Time: Nov 13 06:35:52 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M  
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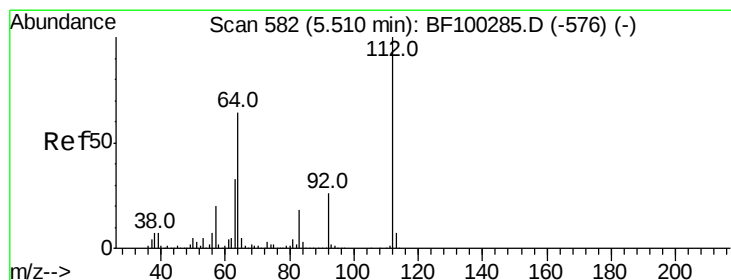
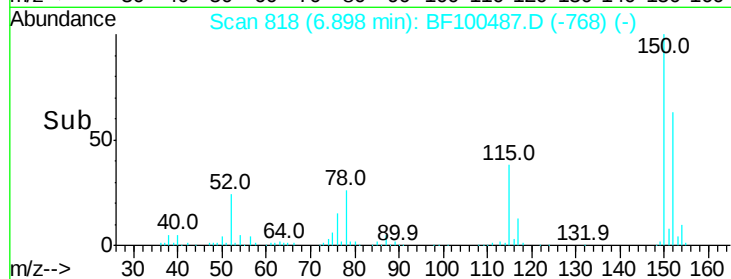
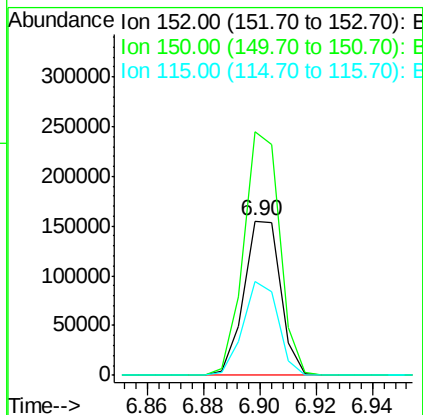
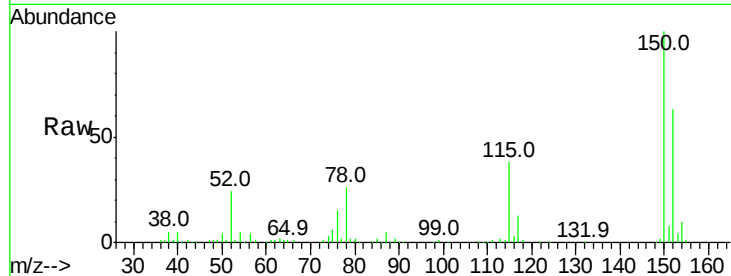


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
110717-JETT-E-U-S

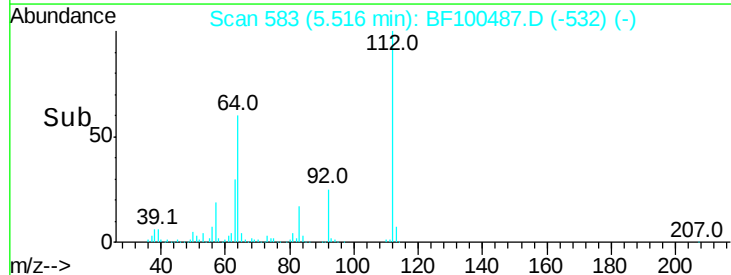
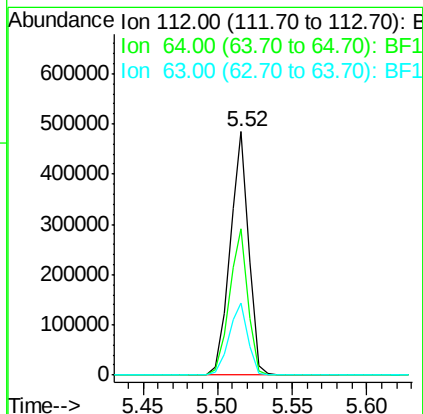
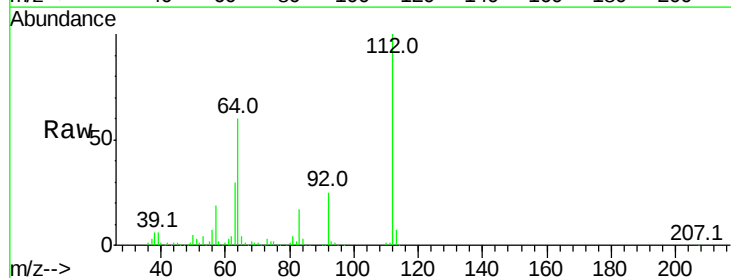
Tot Ion:152 Resp: 139827  
Ion Ratio Lower Upper  
152 100  
150 158.0 124.6 186.8  
115 60.7 50.1 75.1



#5

2-Fluorophenol  
Concen: 48.928 ng  
RT: 5.52 min Scan# 583  
Delta R.T. -0.00 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

Tgt Ion:112 Resp: 426790  
Ion Ratio Lower Upper  
112 100  
64 59.9 47.9 71.9  
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 30.640 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

Instrument :

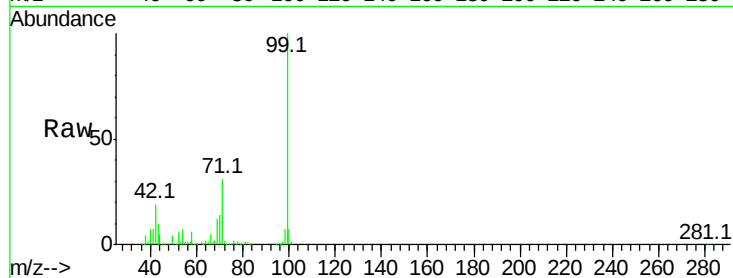
BNA\_F

ClientSampleId :

110717-JETT-E-U-S

Tot Ion: 99 Resp: 329577

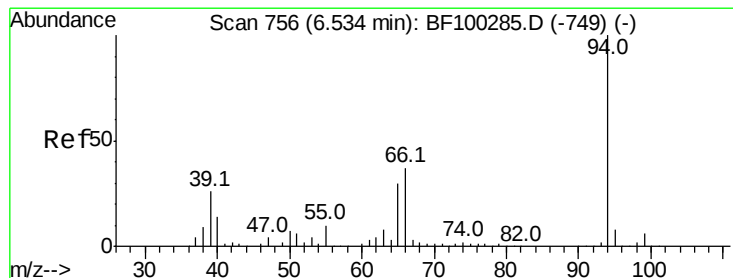
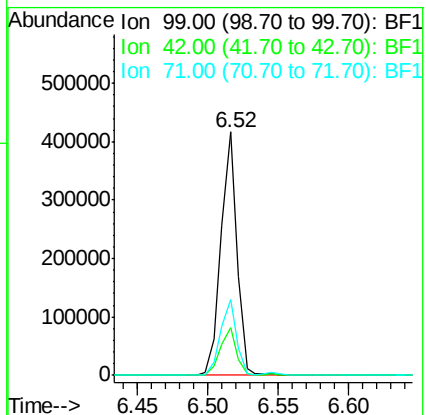
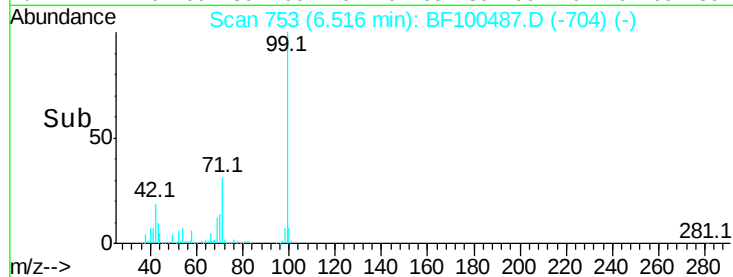
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.5  | 14.5  | 21.7  |
| 71  | 30.9  | 25.4  | 38.0  |



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.415 ng

RT: 6.53 min Scan# 755

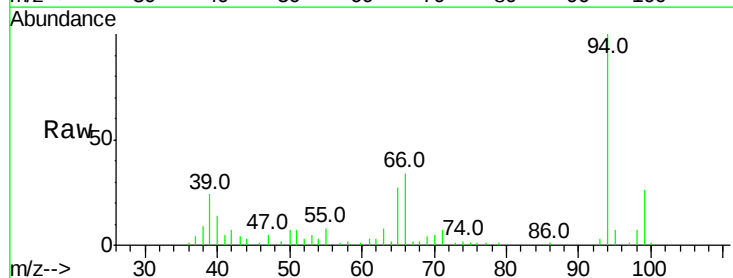
Delta R.T. -0.01 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

Tgt Ion: 94 Resp: 27268

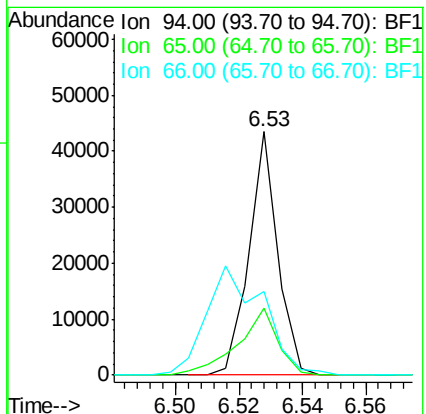
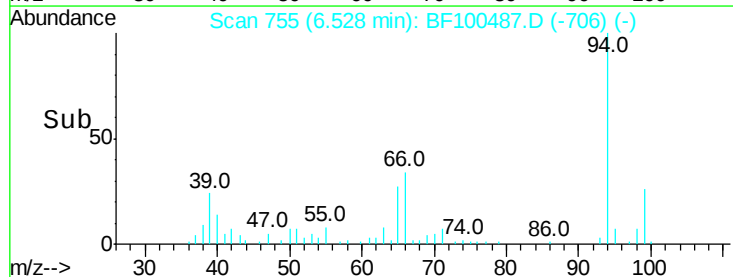
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.4  | 7.9   | 47.9  |
| 66  | 34.1  | 16.2  | 56.2  |

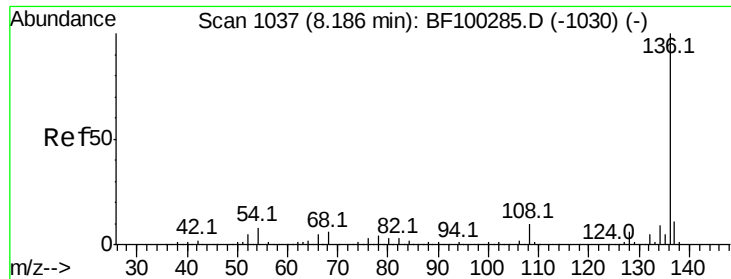


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

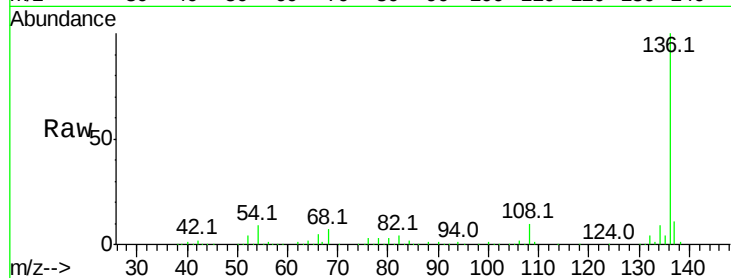




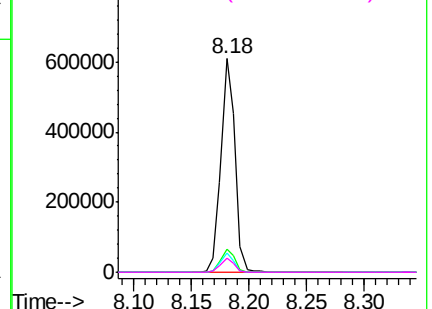
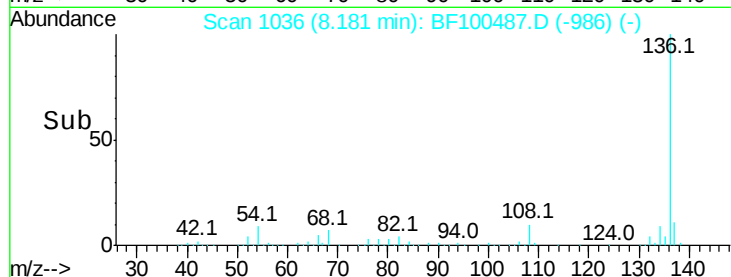
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
110717-JETT-E-U-S

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 515679   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.8  | 8.9 13.3 |
| 54          | 9.0   | 6.6 9.8  |
| 68          | 6.6   | 5.0 7.4  |

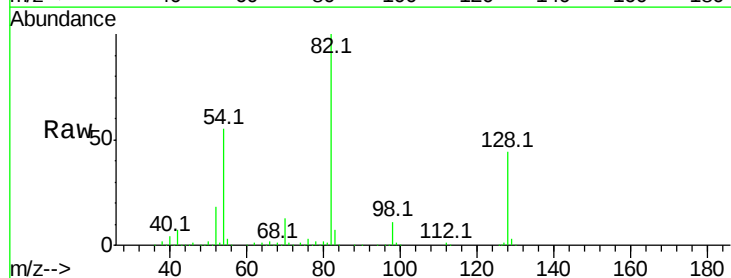


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

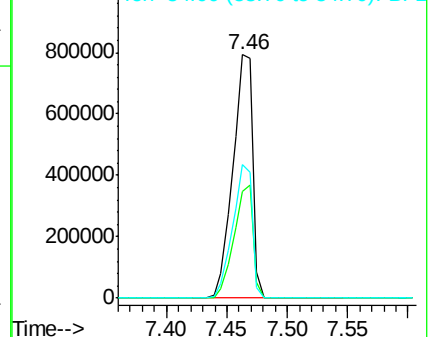
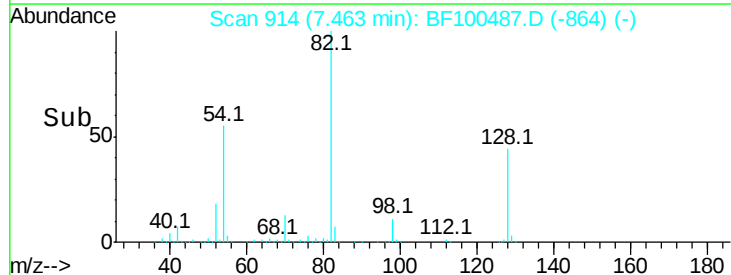


#23  
Nitrobenzene-d5  
Concen: 115.875 ng  
RT: 7.46 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 903817    |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 43.8  | 36.1 54.1 |
| 54          | 54.7  | 41.4 62.2 |



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

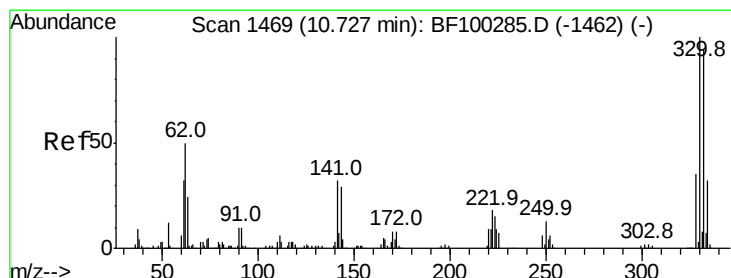
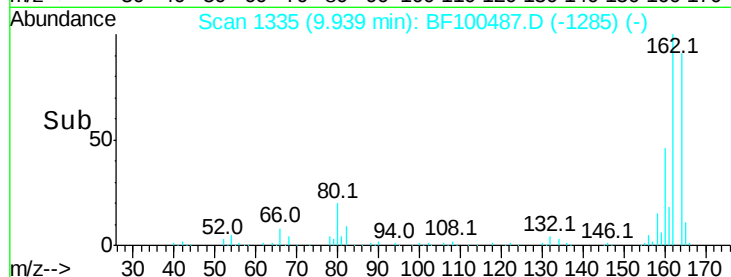
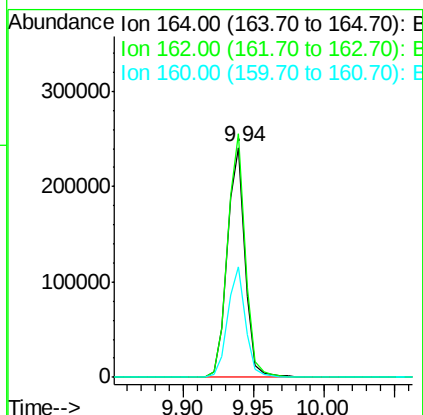
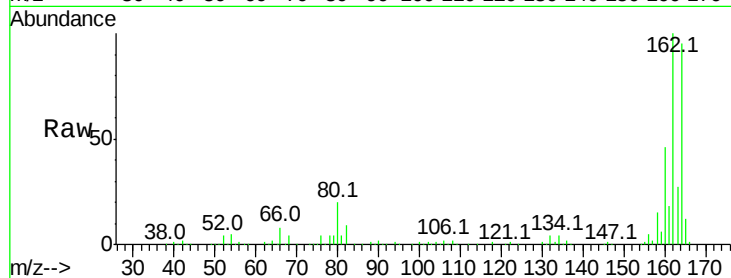




#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

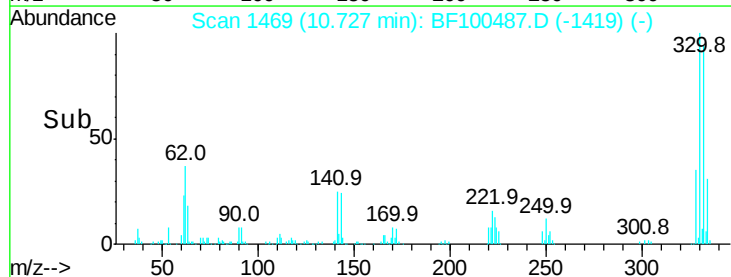
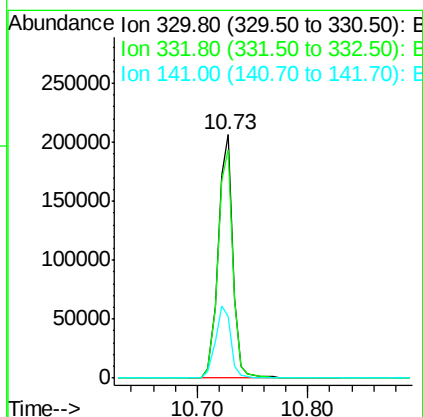
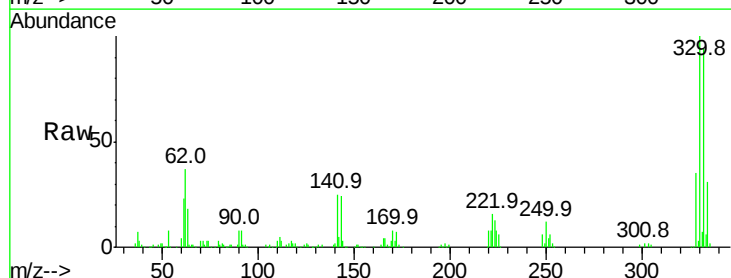
Instrument :  
BNA\_F  
ClientSampleId :  
110717-JETT-E-U-S

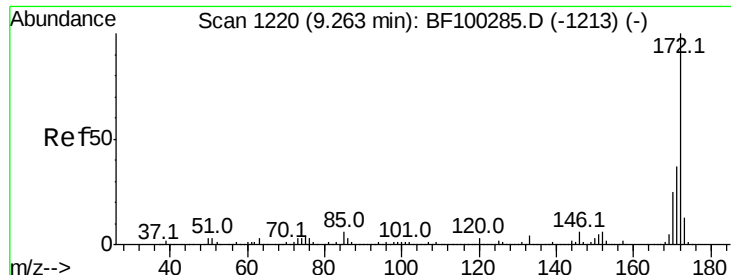
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.8 | 86.1  | 129.1 |
| 160     | 48.3  | 38.3  | 57.5  |



#41  
2,4,6-Tribromophenol  
Concen: 88.838 ng  
RT: 10.73 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 77.0  | 115.6 |
| 141     | 30.7  | 29.9  | 44.9  |

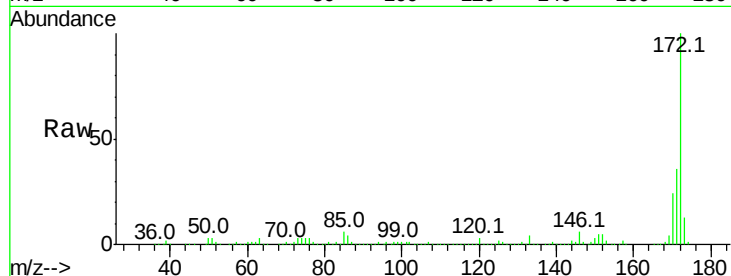




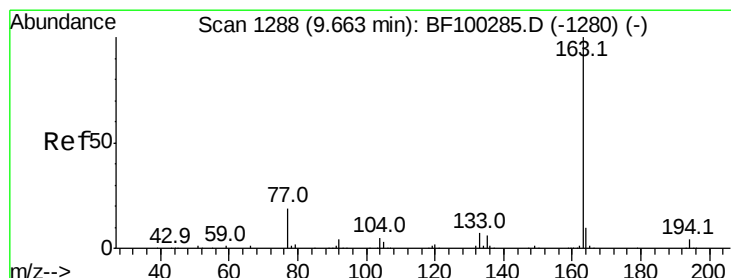
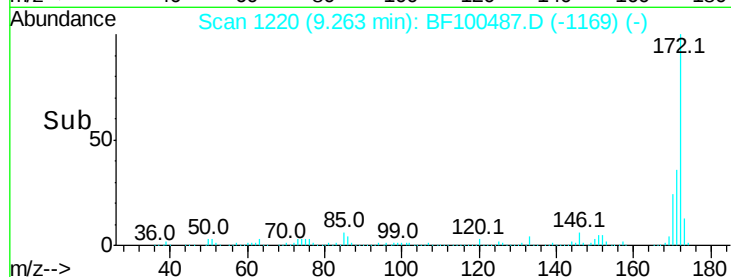
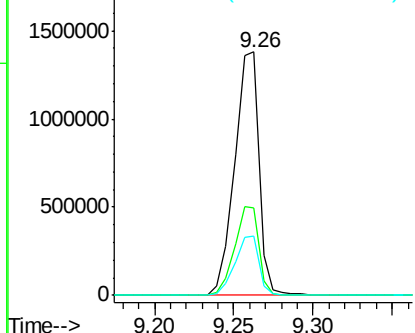
#44  
2-Fluorobiphenyl  
Concen: 106.655 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. -0.00 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
110717-JETT-E-U-S

Tot Ion:172 Resp: 1475105  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.7 44.5  
170 24.3 19.6 29.4

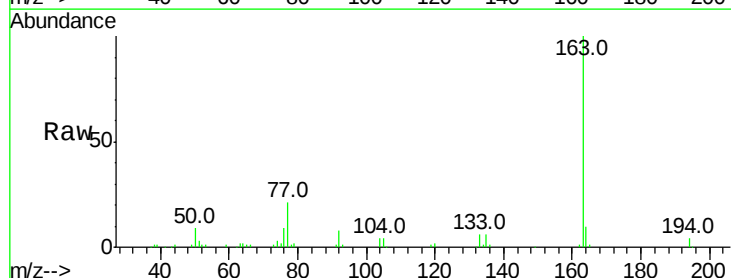


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

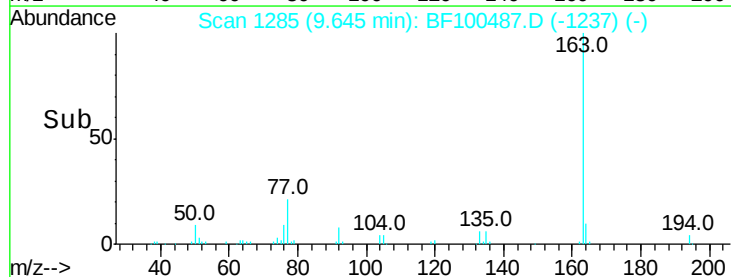
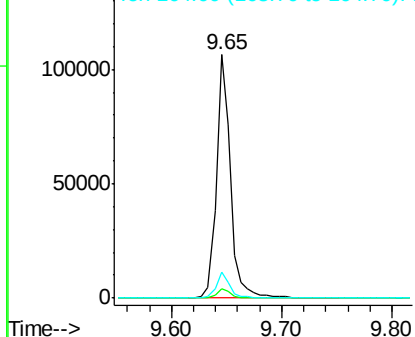


#49  
Dimethylphthalate  
Concen: 5.806 ng  
RT: 9.65 min Scan# 1285  
Delta R.T. -0.02 min  
Lab File: BF100487.D  
Acq: 12 Nov 2017 14:07

Tgt Ion:163 Resp: 93351  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.7 4.1  
164 10.5 8.2 12.2



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: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

Instrument :

BNA\_F

ClientSampleId :

110717-JETT-E-U-S

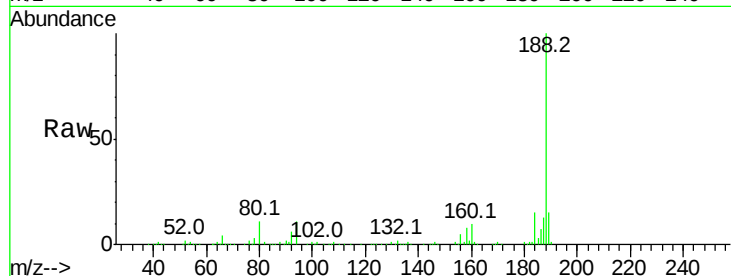
Tot Ion:188 Resp: 324266

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

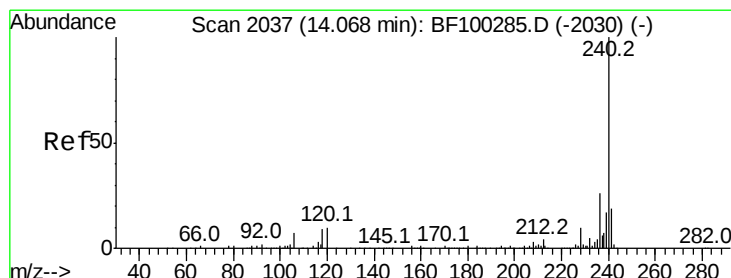
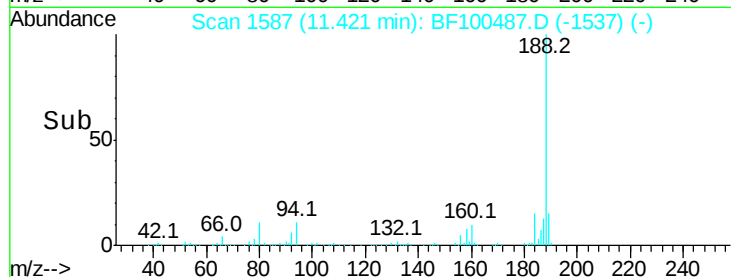
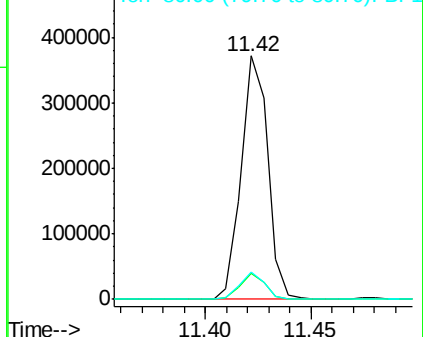
80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

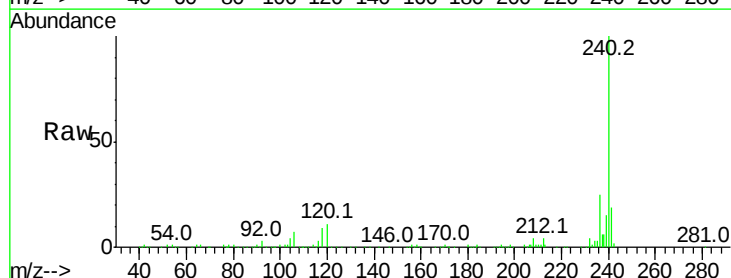
Tgt Ion:240 Resp: 287178

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

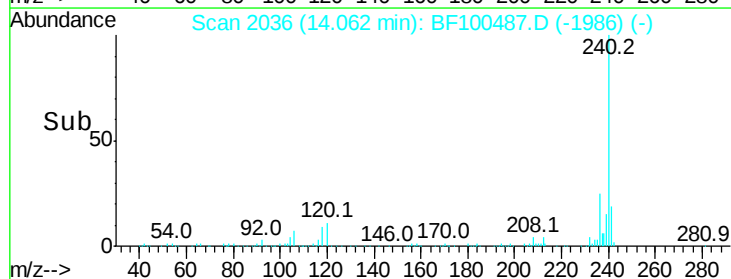
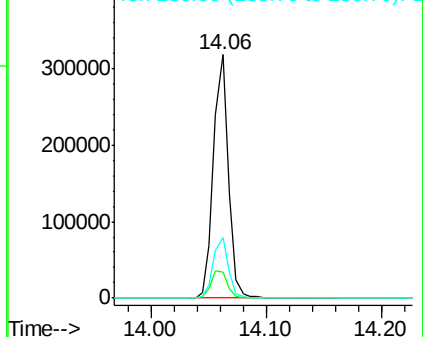
236 24.7 20.7 31.1



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: 84.261 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

Instrument :

BNA\_F

ClientSampleId :

110717-JETT-E-U-S

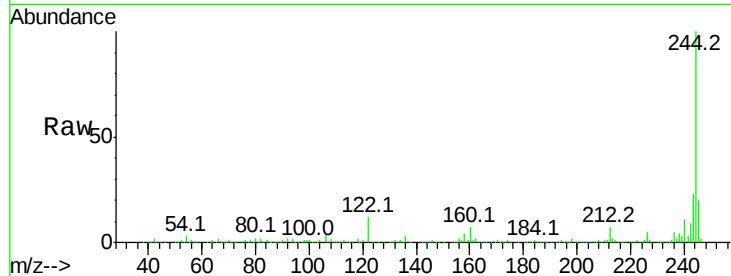
Tot Ion:244 Resp: 1053137

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

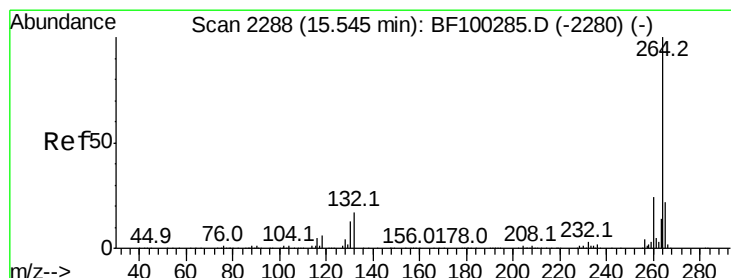
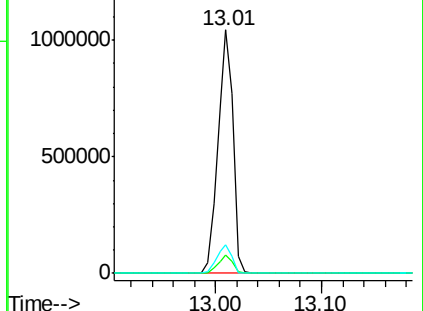
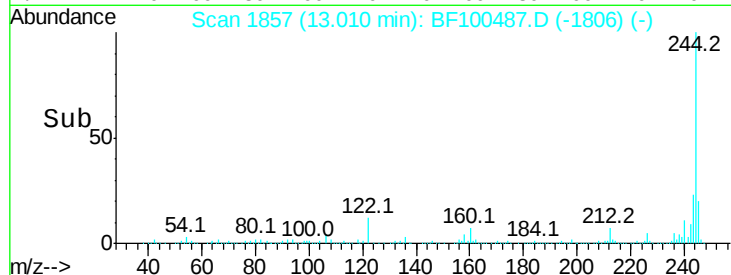
122 11.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100487.D

Acq: 12 Nov 2017 14:07

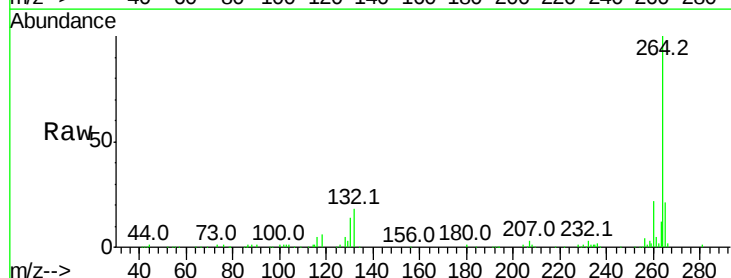
Tgt Ion:264 Resp: 198929

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.9 17.5 26.3



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

