

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\  
 Data File : BF110943.D  
 Acq On : 23 Nov 2018 14:51  
 Operator : JU/SJ  
 Sample : J5999-10  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSSI-1116-S-AB-5

Quant Time: Nov 23 20:59:17 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

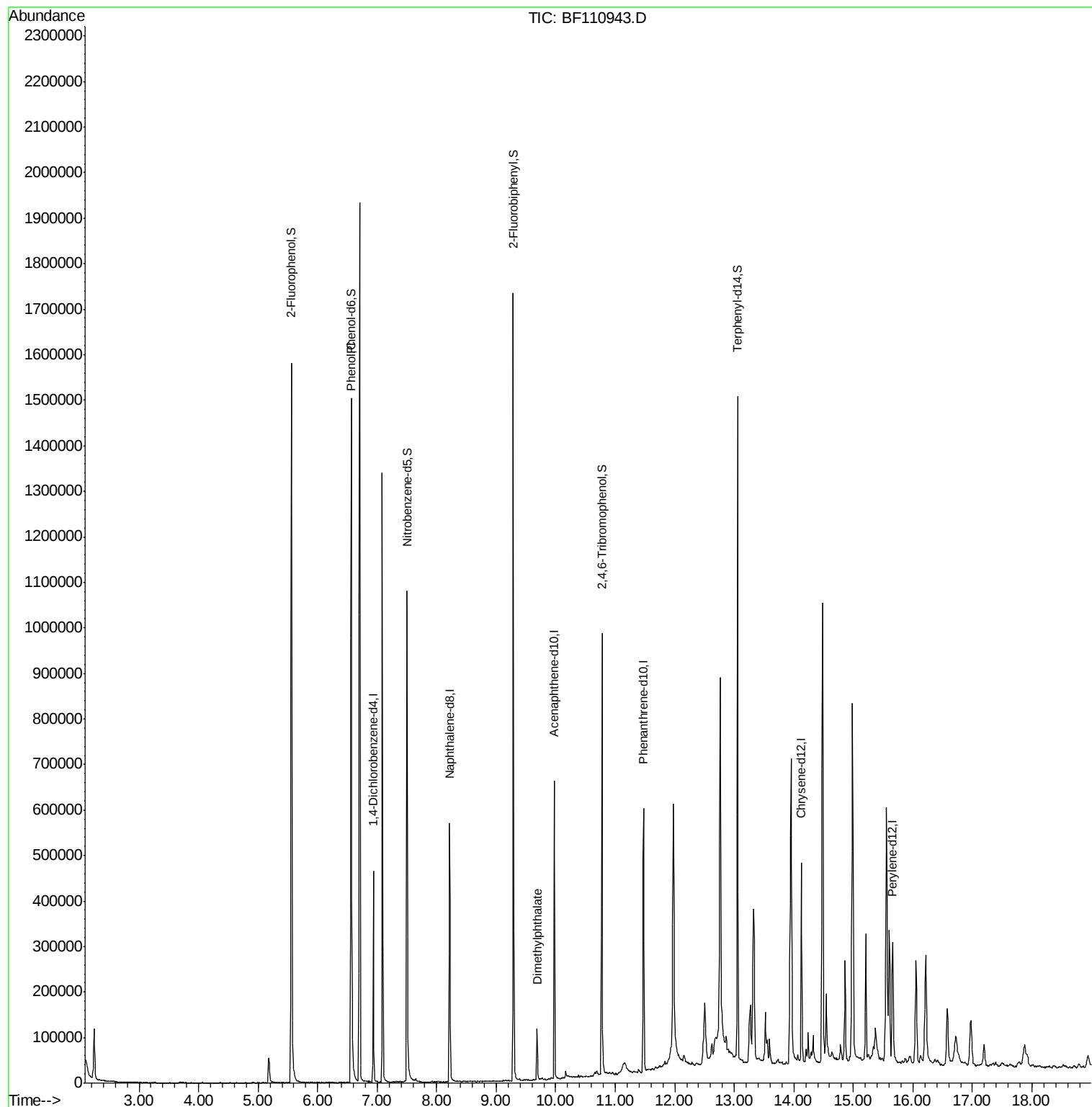
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 67855    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.22  | 136  | 276790   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.97  | 164  | 127064   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.47 | 188  | 222677   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.13 | 240  | 158582   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.66 | 264  | 154569   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.56  | 112  | 475056   | 113.72 | ng    | 0.00     |
| 7) Phenol-d6                | 6.56  | 99   | 606704   | 113.57 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 388707   | 80.88  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.77 | 330  | 117066   | 91.43  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.29  | 172  | 572819   | 64.38  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.06 | 244  | 479651   | 56.64  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.57  | 94   | 28873    | 4.661  | ng    | 83       |
| 50) Dimethylphthalate       | 9.69  | 163  | 48347    | 5.099  | ng    | 99       |

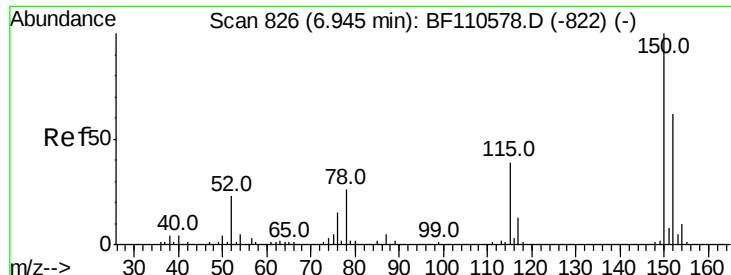
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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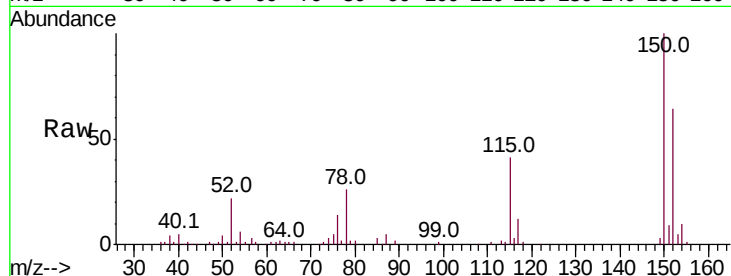


#1

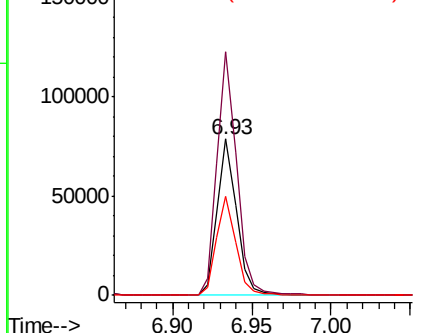
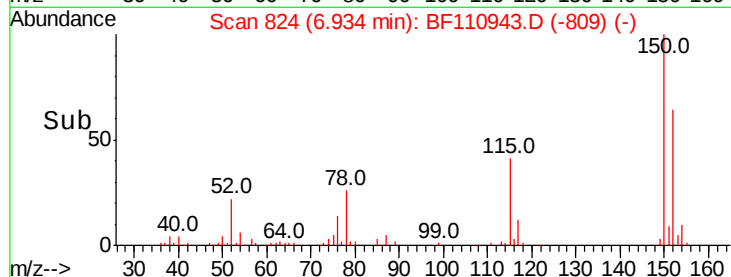
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSSI-1116-S-AB-5

Tot Ion:152 Resp: 67855  
Ion Ratio Lower Upper  
152 100  
150 155.8 122.7 184.1  
115 63.1 49.1 73.7



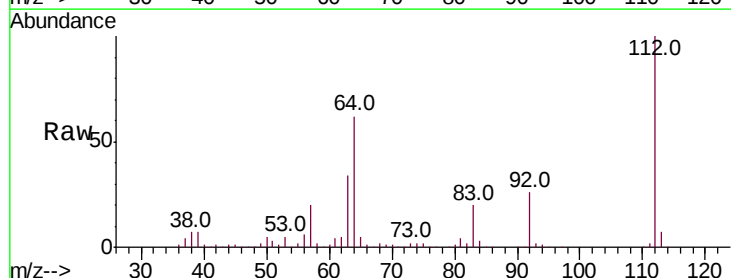
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



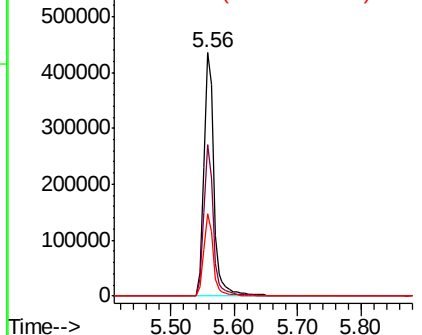
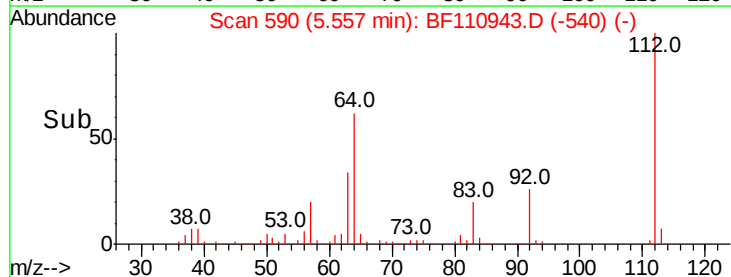
#5

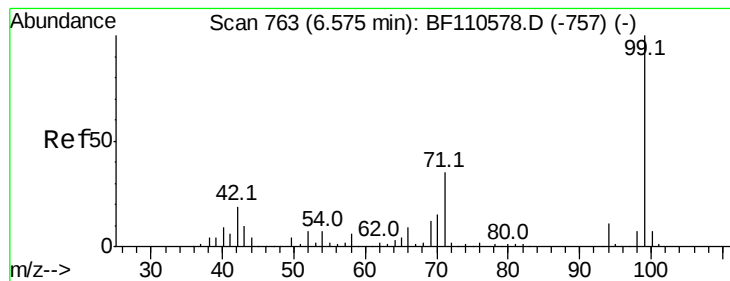
2-Fluorophenol  
Concen: 113.719 ng  
RT: 5.56 min Scan# 590  
Delta R.T. -0.01 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

Tgt Ion:112 Resp: 475056  
Ion Ratio Lower Upper  
112 100  
64 62.3 44.1 66.1  
63 33.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 113.573 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110943.D

Acq: 23 Nov 2018 14:51

Instrument :

BNA\_F

ClientSampleId :

SSSI-1116-S-AB-5

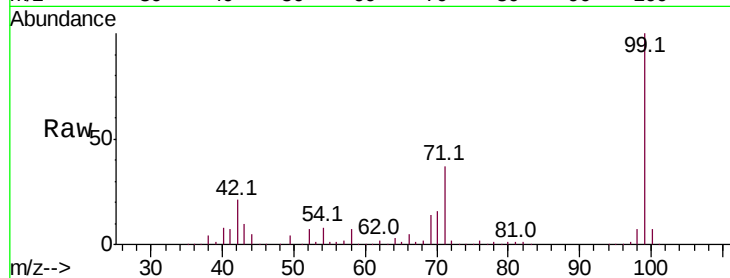
Tot Ion: 99 Resp: 606704

Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

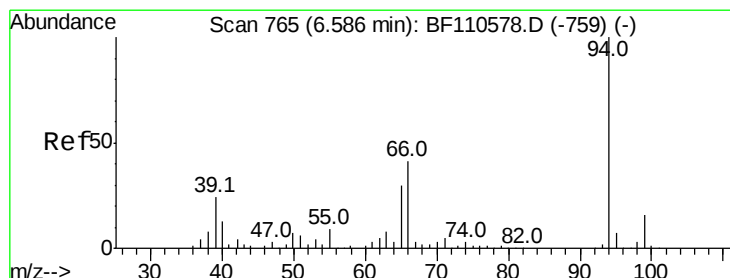
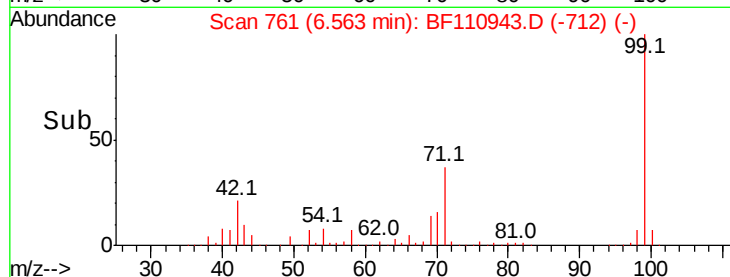
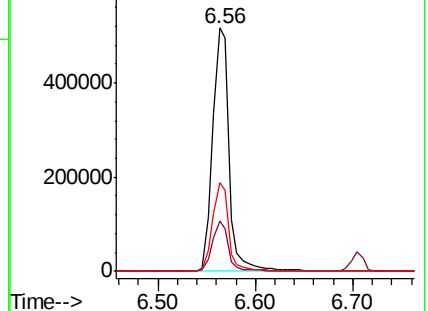
71 36.7 28.0 42.0



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: 4.661 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110943.D

Acq: 23 Nov 2018 14:51

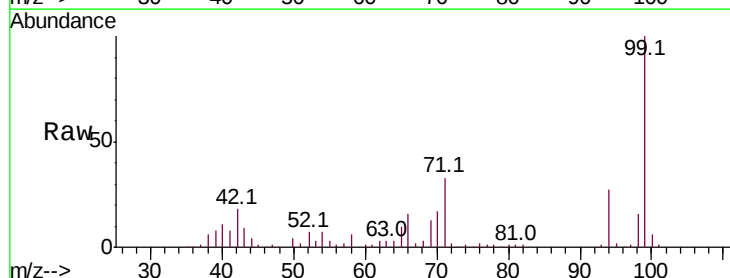
Tgt Ion: 94 Resp: 28873

Ion Ratio Lower Upper

94 100

65 35.5 25.3 65.3

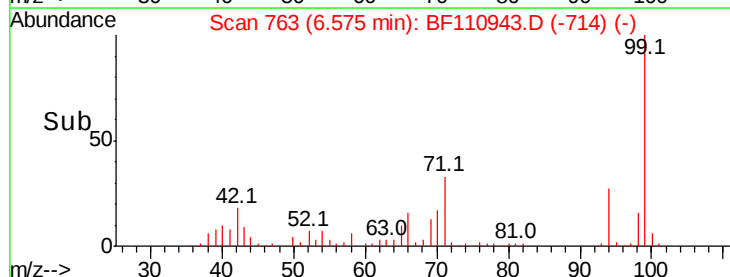
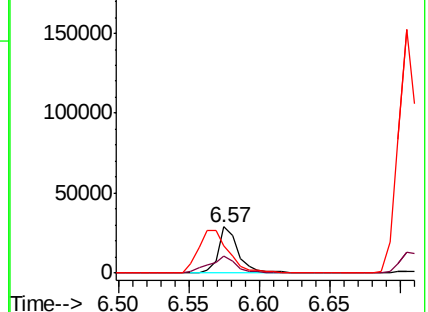
66 59.4 54.5 94.5

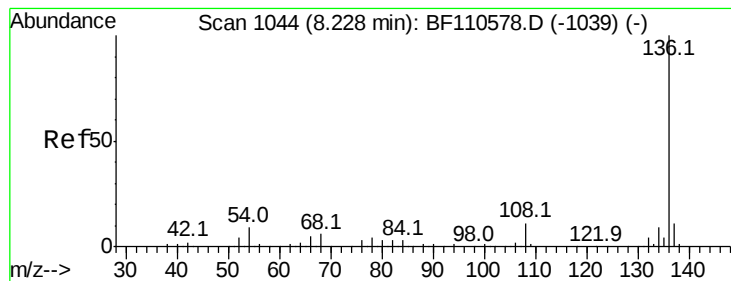


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF110943.D

Acq: 23 Nov 2018 14:51

Instrument :

BNA\_F

ClientSampleId :

SSSI-1116-S-AB-5

Tot Ion:136 Resp: 276790

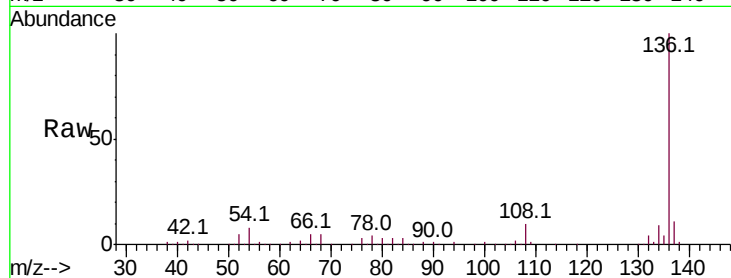
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.1 5.4 8.2

68 4.7 4.2 6.2

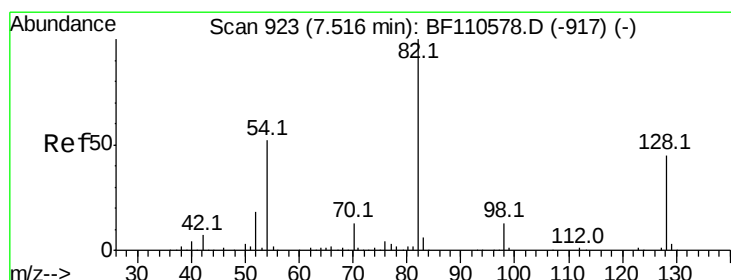
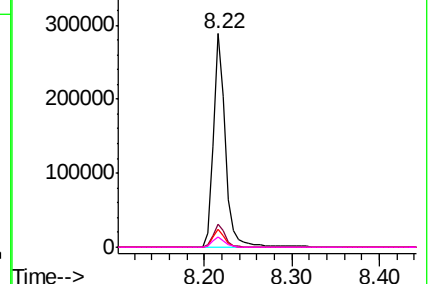
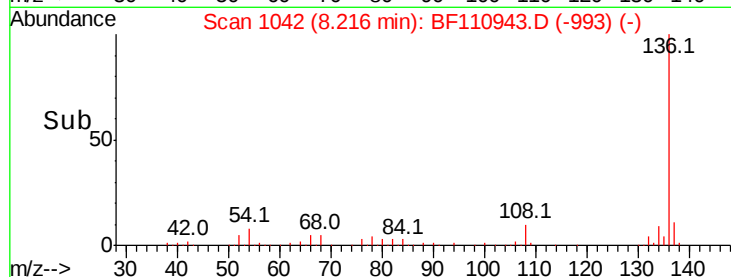


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.875 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110943.D

Acq: 23 Nov 2018 14:51

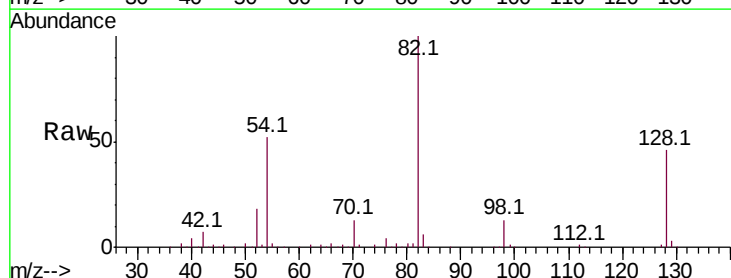
Tgt Ion: 82 Resp: 388707

Ion Ratio Lower Upper

82 100

128 45.6 34.2 51.2

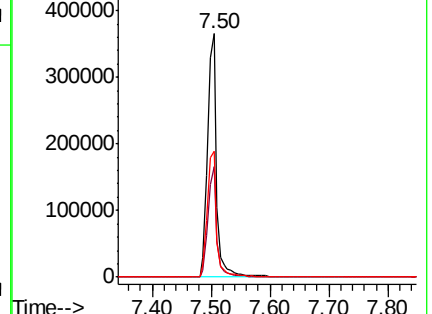
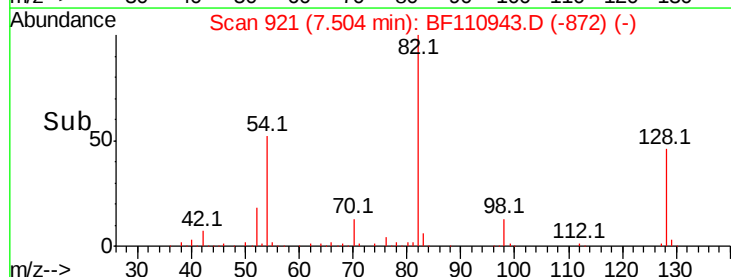
54 51.7 38.6 58.0

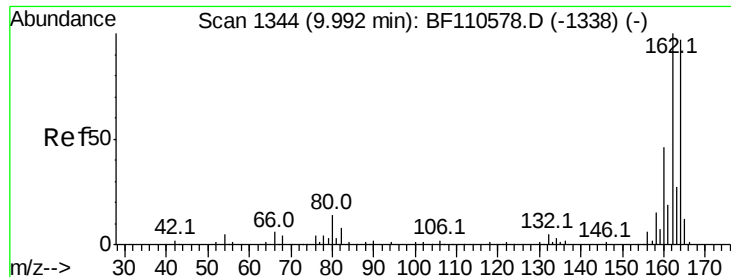


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

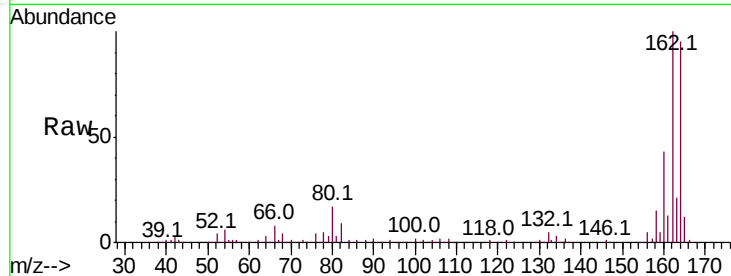




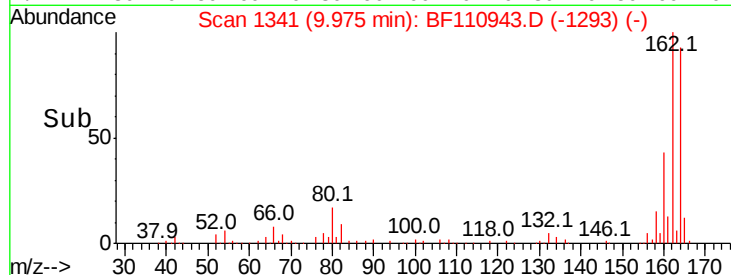
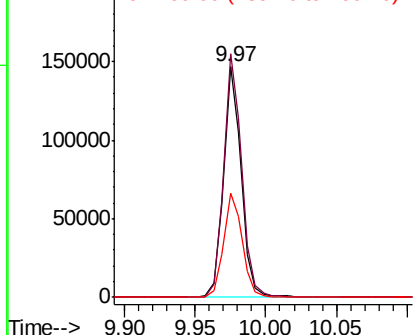
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSSI-1116-S-AB-5

Tot Ion:164 Resp: 127064  
Ion Ratio Lower Upper  
164 100  
162 105.6 83.0 124.6  
160 45.2 37.0 55.6

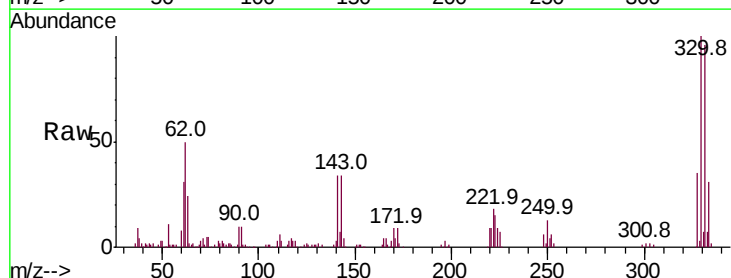


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

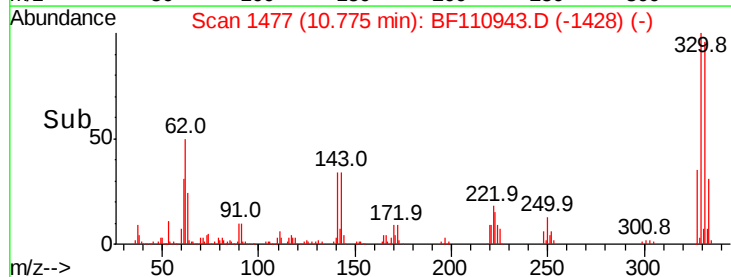
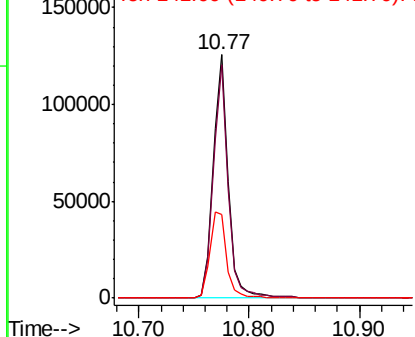


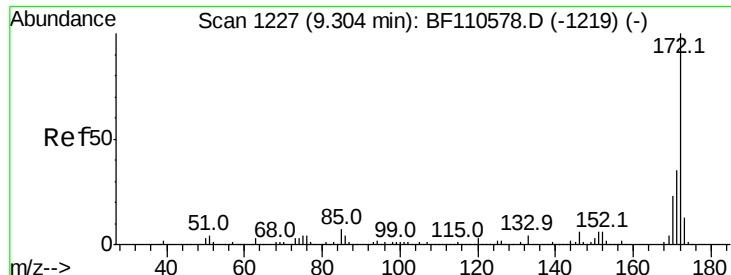
#42  
2,4,6-Tribromophenol  
Concen: 91.434 ng  
RT: 10.77 min Scan# 1477  
Delta R.T. -0.01 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

Tgt Ion:330 Resp: 117066  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.1 115.7  
141 39.0 27.0 40.4



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

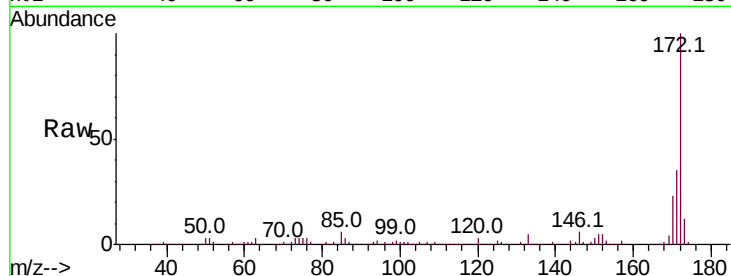




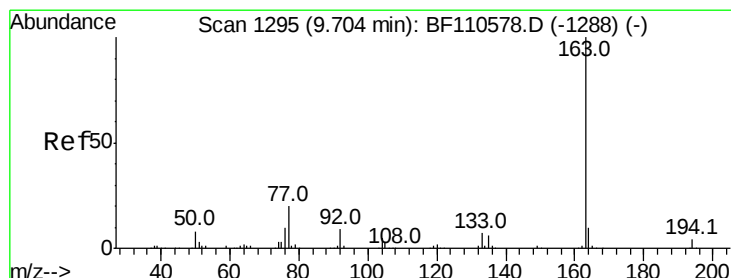
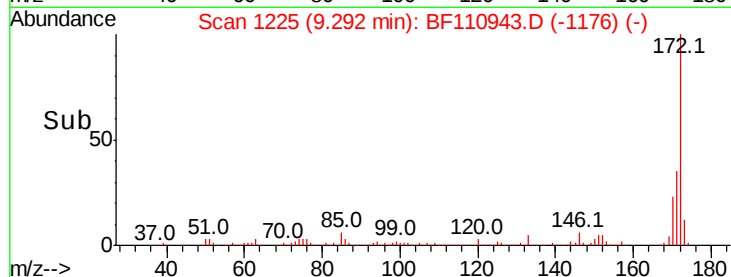
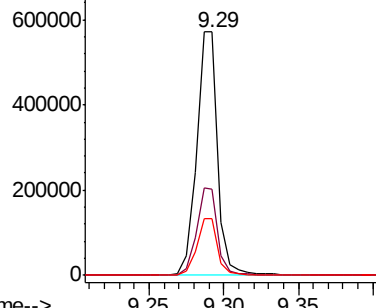
#45  
2-Fluorobiphenyl  
Concen: 64.384 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. -0.01 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

Instrument :  
BNA\_F  
ClientSampleId :  
SSSI-1116-S-AB-5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 28.6  | 43.0  |
| 170     | 23.3  | 19.7  | 29.5  |

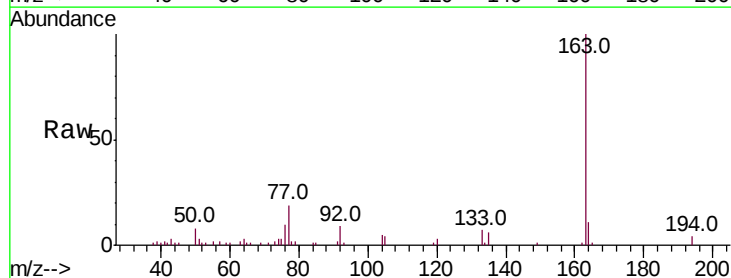


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

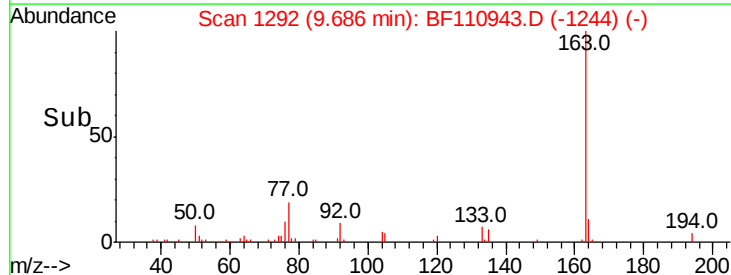
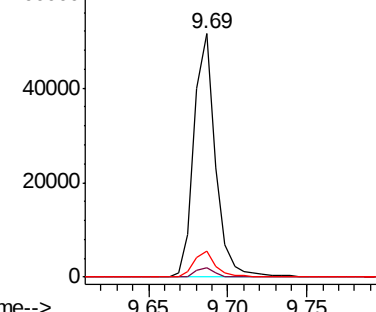


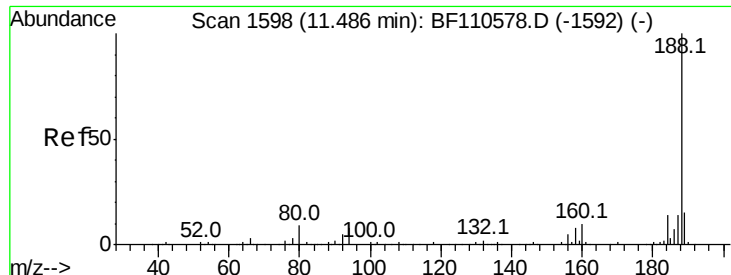
#50  
Dimethylphthalate  
Concen: 5.099 ng  
RT: 9.69 min Scan# 1292  
Delta R.T. -0.02 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.2   | 4.8   |
| 164     | 10.8  | 8.1   | 12.1  |



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

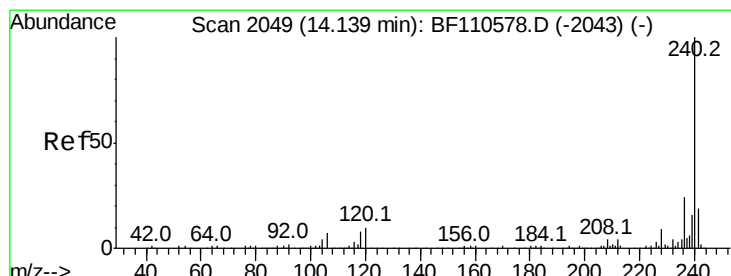
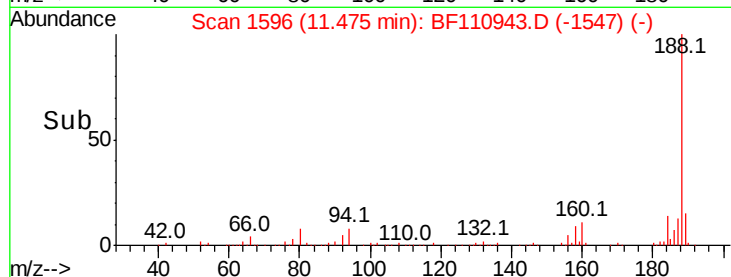
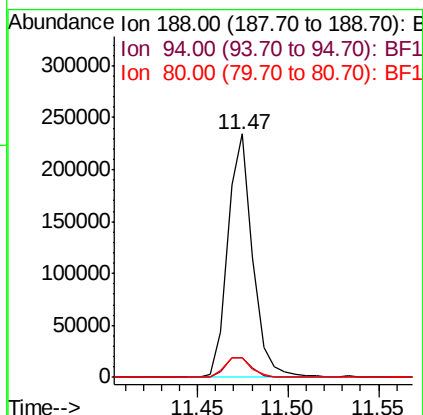
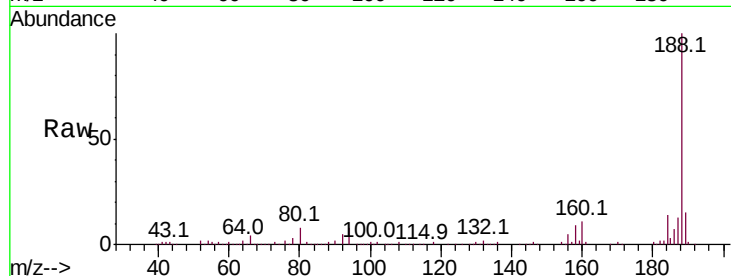




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.47 min Scan# 1596  
Delta R.T. -0.01 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

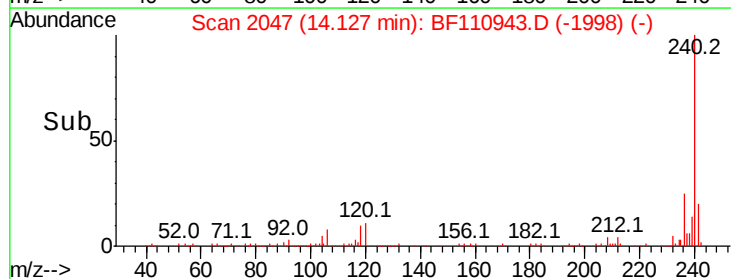
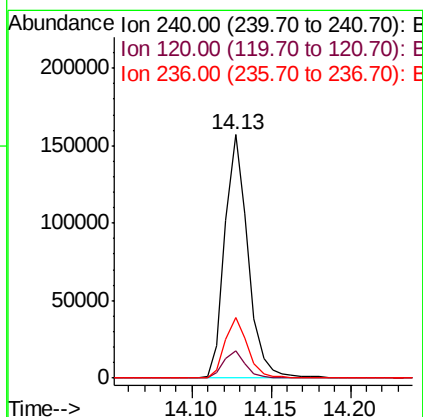
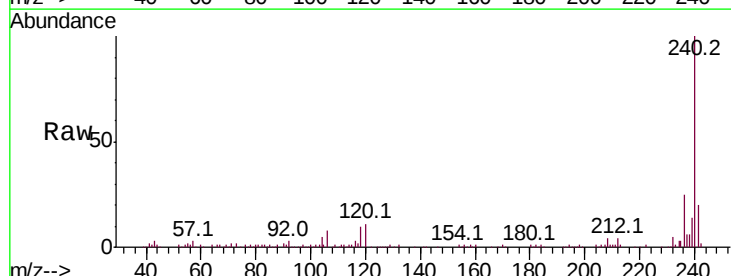
Instrument :  
BNA\_F  
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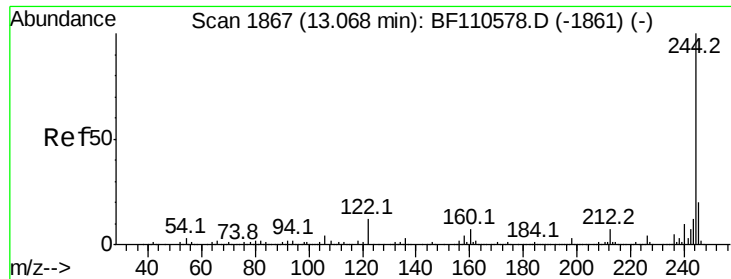
Tot Ion:188 Resp: 222677  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.2 10.8  
80 8.2 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2047  
Delta R.T. -0.01 min  
Lab File: BF110943.D  
Acq: 23 Nov 2018 14:51

Tgt Ion:240 Resp: 158582  
Ion Ratio Lower Upper  
240 100  
120 11.1 8.3 12.5  
236 24.7 21.2 31.8





#79

Terphenyl-d14

Concen: 56.644 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110943.D

Acq: 23 Nov 2018 14:51

Instrument :

BNA\_F

ClientSampleId :

SSSI-1116-S-AB-5

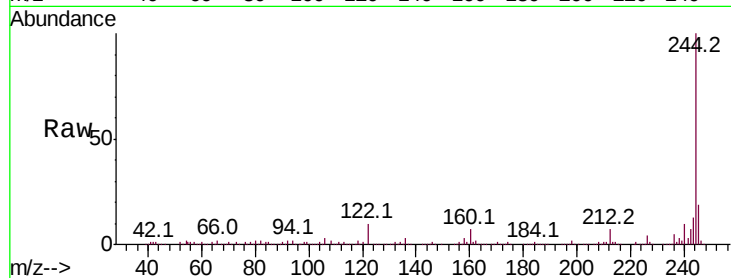
Tot Ion:244 Resp: 479651

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

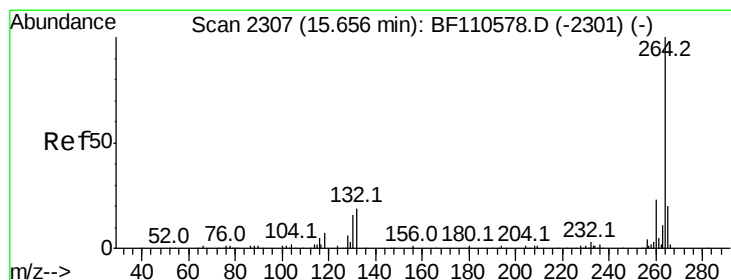
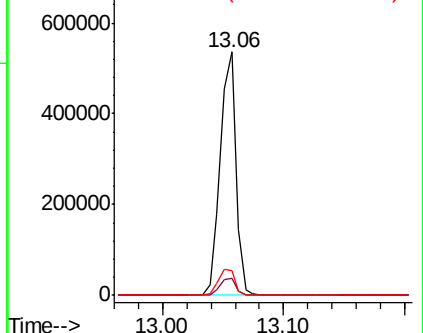
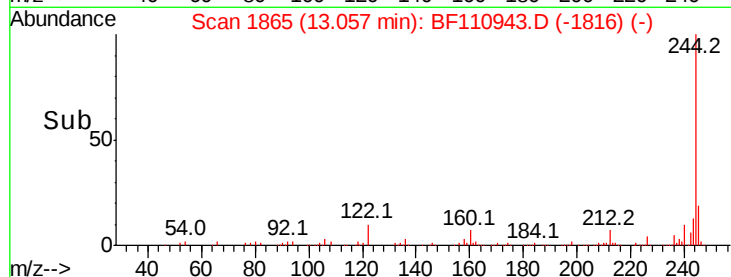
122 10.0 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110943.D

Acq: 23 Nov 2018 14:51

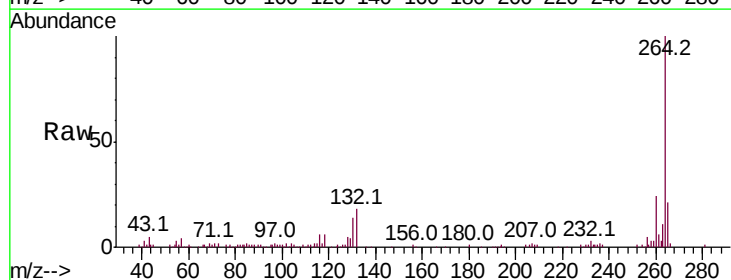
Tgt Ion:264 Resp: 154569

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.4 16.7 25.1



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

