

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\  
 Data File : BF109522.D  
 Acq On : 3 Oct 2018 1:26  
 Operator : JU/SJ  
 Sample : J5187-01  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 092818-JETT-F-D-B

Quant Time: Oct 03 04:59:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 22 13:32:18 2018  
 Response via : Initial Calibration

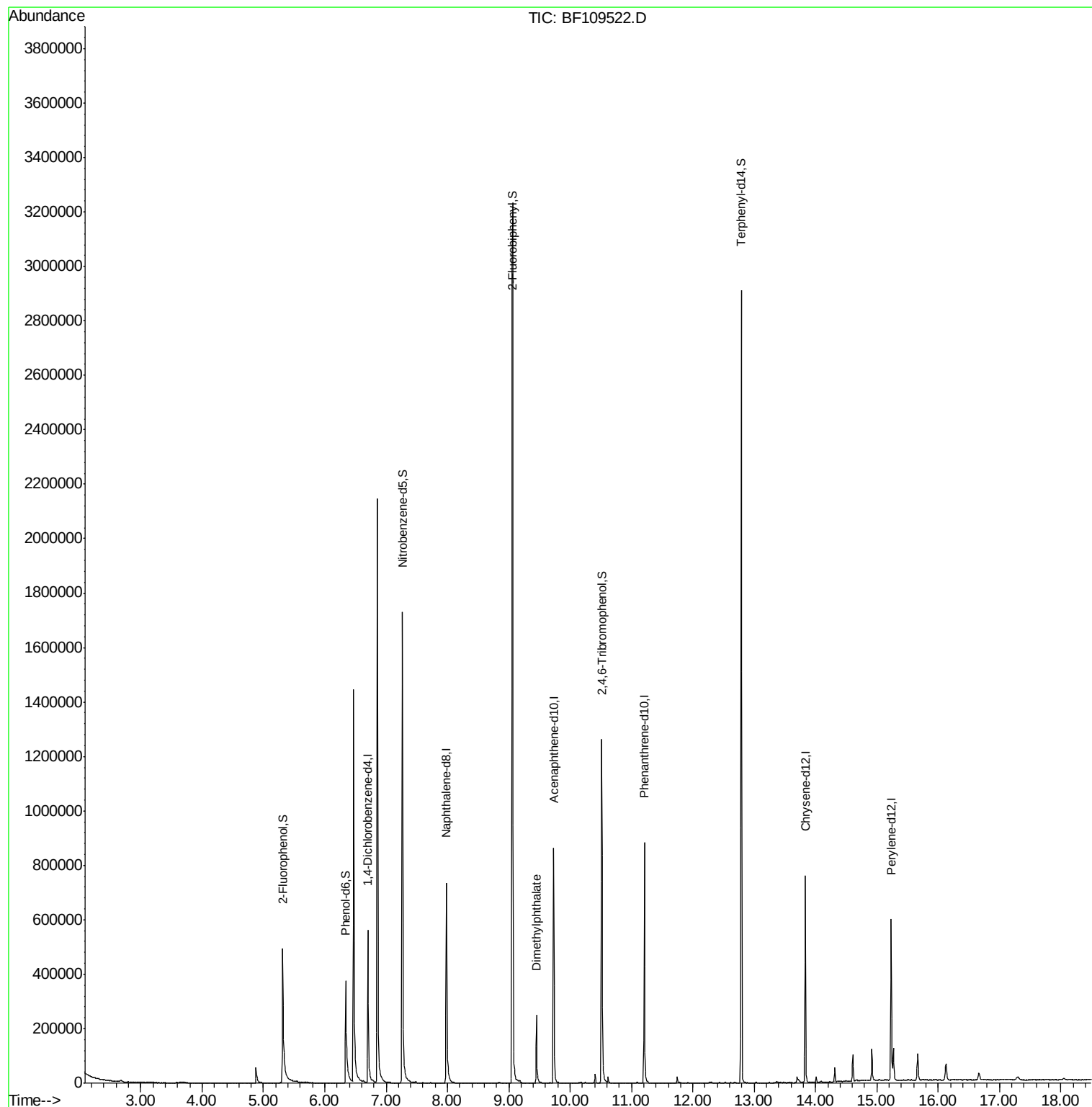
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.70  | 152  | 109930   | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 7.98  | 136  | 419496   | 20.00 | ng    | -0.01         |
| 38) Acenaphthene-d10        | 9.73  | 164  | 196920   | 20.00 | ng    | 0.00          |
| 63) Phenanthrene-d10        | 11.21 | 188  | 345290   | 20.00 | ng    | 0.00          |
| 75) Chrysene-d12            | 13.83 | 240  | 263562   | 20.00 | ng    | -0.01         |
| 86) Perylene-d12            | 15.23 | 264  | 271874   | 20.00 | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.32  | 112  | 241026   | 36.11 | ng    | 0.00          |
| 7) Phenol-d6                | 6.34  | 99   | 210767   | 24.75 | ng    | -0.02         |
| 23) Nitrobenzene-d5         | 7.27  | 82   | 691178   | 97.26 | ng    | -0.01         |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 166652   | 85.85 | ng    | -0.02         |
| 44) 2-Fluorobiphenyl        | 9.06  | 172  | 1187874  | 90.98 | ng    | -0.01         |
| 78) Terphenyl-d14           | 12.79 | 244  | 1033724  | 96.26 | ng    | -0.01         |
| Target Compounds            |       |      |          |       |       |               |
| 49) Dimethylphthalate       | 9.45  | 163  | 116799   | 8.155 | ng    | Qvalue<br>100 |

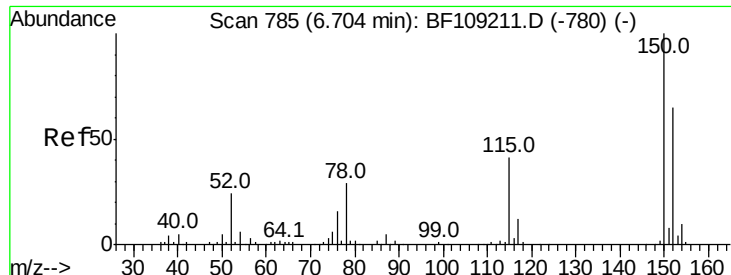
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\  
Data File : BF109522.D  
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Sample : J5187-01  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
092818-JETT-F-D-B

Quant Time: Oct 03 04:59:52 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 22 13:32:18 2018  
Response via : Initial Calibration



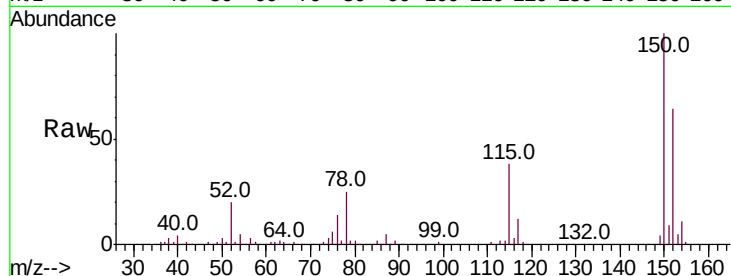


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BF109522.D  
 Acq: 3 Oct 2018 1:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 092818-JETT-F-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.2 | 124.6 | 186.8 |
| 115     | 59.5  | 50.1  | 75.1  |

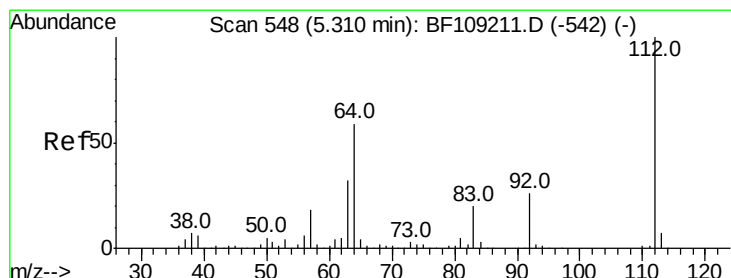
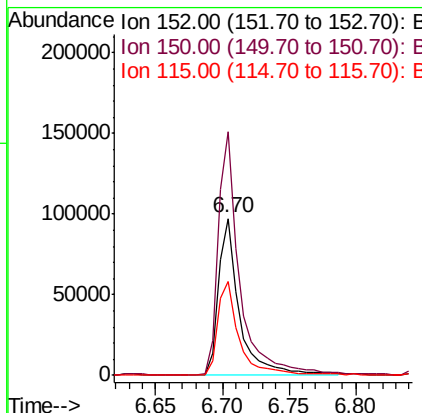
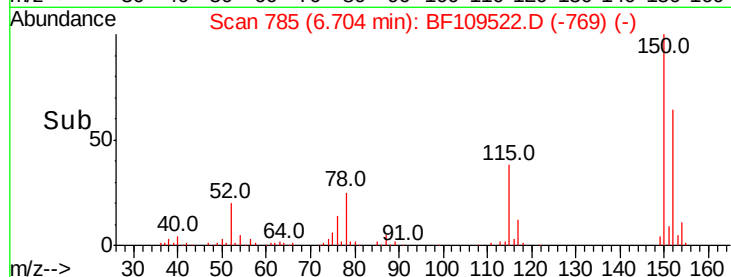


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

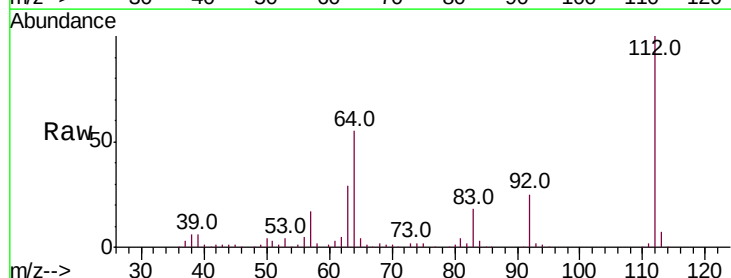
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
 Concen: 36.113 ng  
 RT: 5.32 min Scan# 549  
 Delta R.T. 0.00 min  
 Lab File: BF109522.D  
 Acq: 3 Oct 2018 1:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.0  | 47.9  | 71.9  |
| 63      | 28.6  | 23.7  | 35.5  |

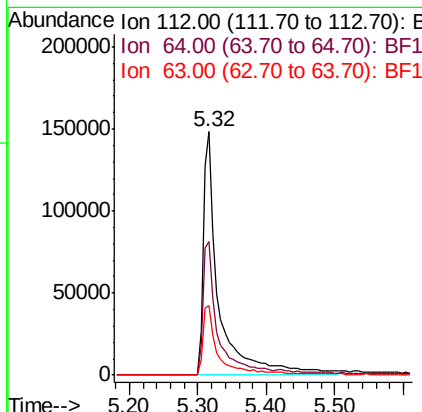
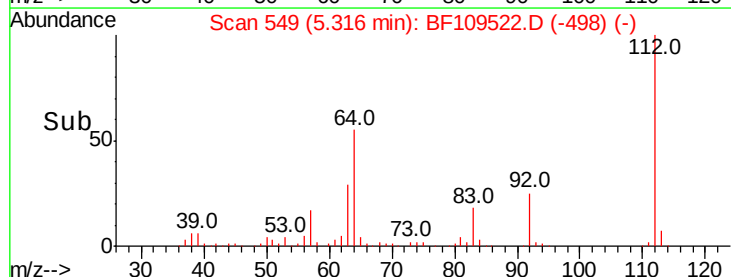


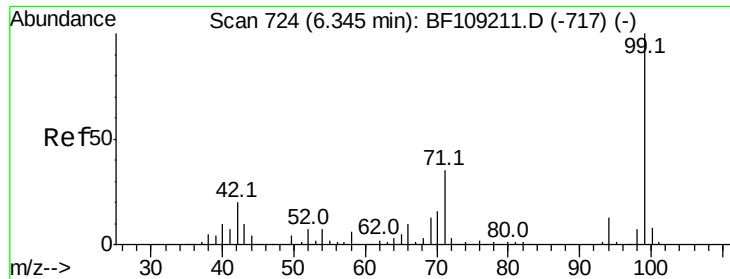
Abundance

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: 24.748 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Instrument :

BNA\_F

ClientSampleId :

092818-JETT-F-D-B

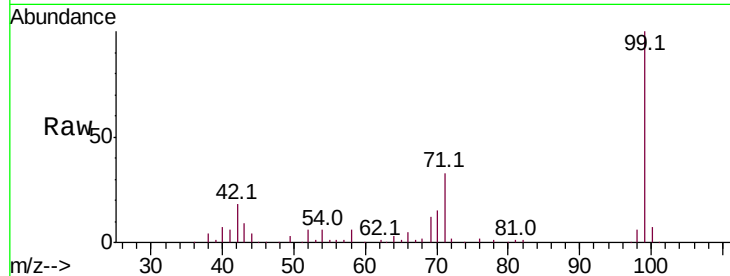
Tot Ion: 99 Resp: 210767

Ion Ratio Lower Upper

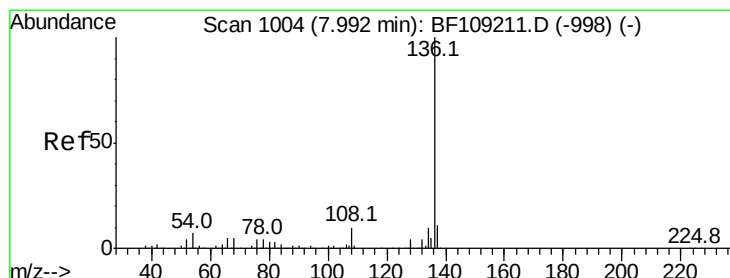
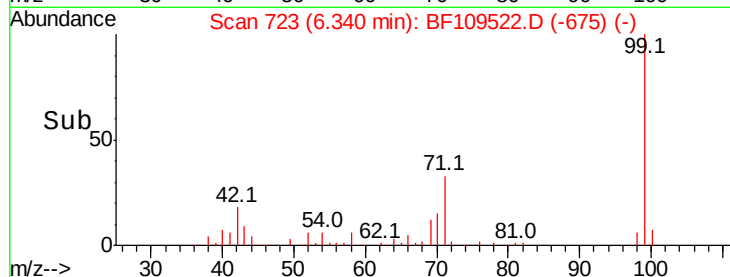
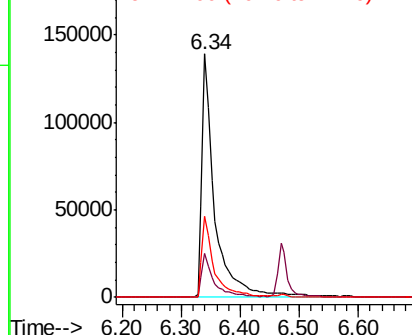
99 100

42 18.2 14.5 21.7

71 33.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Tgt Ion: 136 Resp: 419496

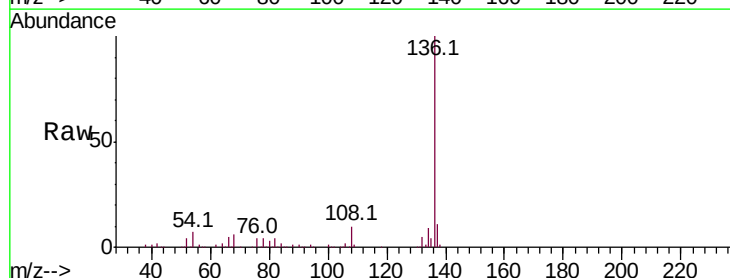
Ion Ratio Lower Upper

136 100

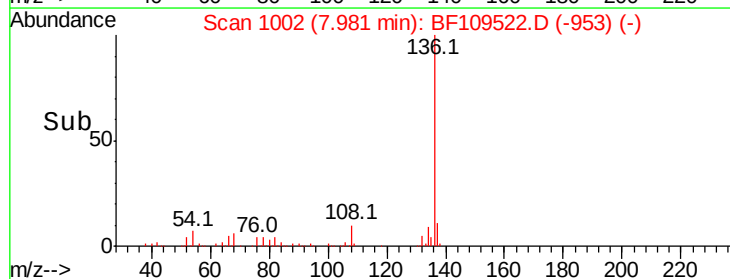
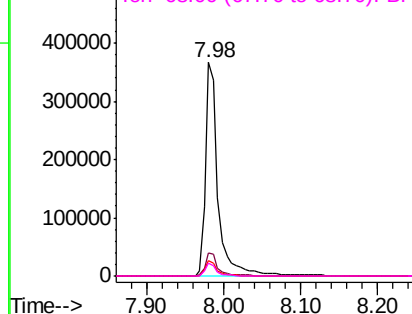
137 11.1 8.9 13.3

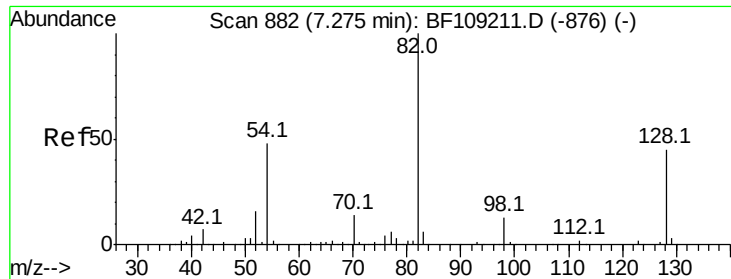
54 7.5 6.6 9.8

68 5.9 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

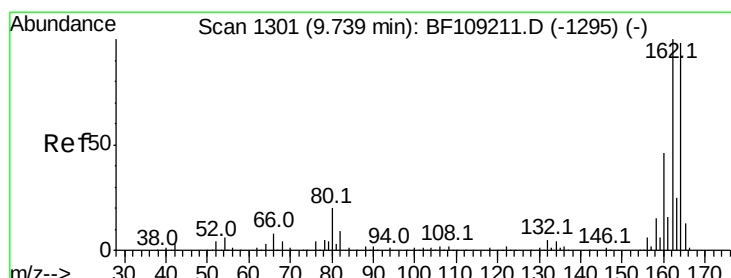
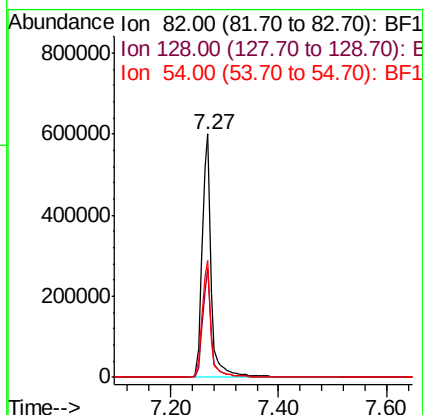
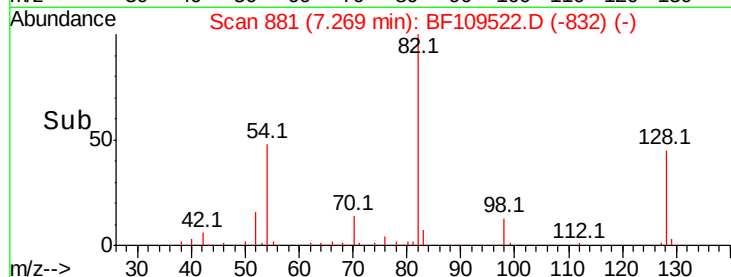
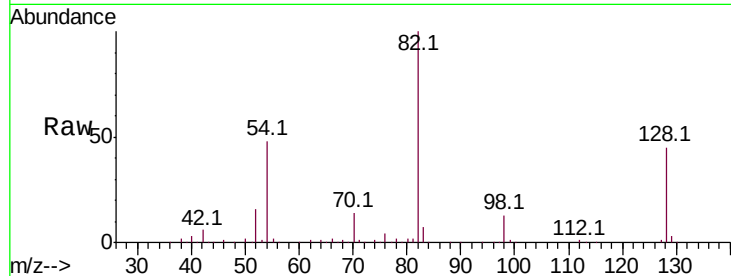




#23  
 Nitrobenzene-d5  
 Concen: 97.263 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF109522.D  
 Acq: 3 Oct 2018 1:26

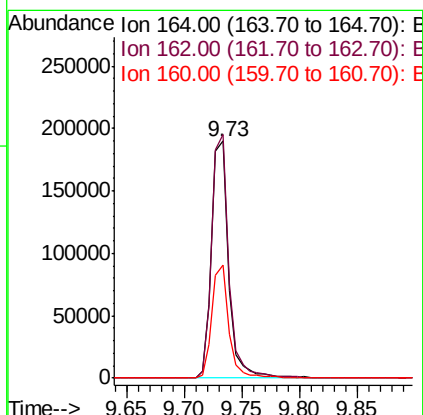
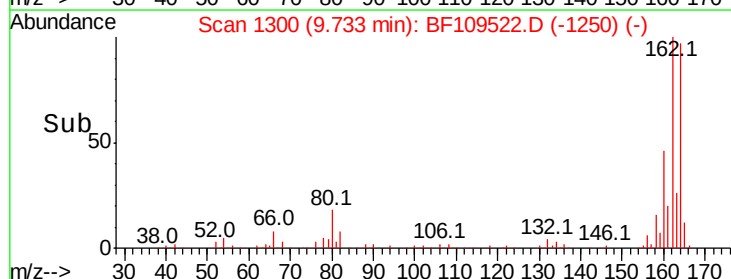
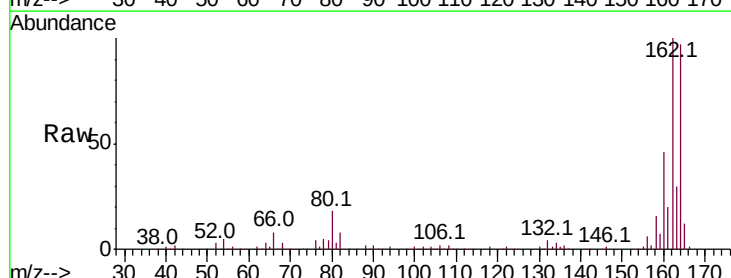
Instrument :  
 BNA\_F  
 ClientSampleId :  
 092818-JETT-F-D-B

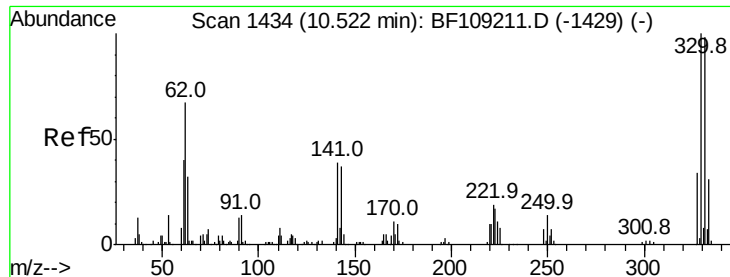
Tot Ion: 82 Resp: 691178  
 Ion Ratio Lower Upper  
 82 100  
 128 44.6 36.1 54.1  
 54 48.2 41.4 62.2



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.73 min Scan# 1300  
 Delta R.T. -0.01 min  
 Lab File: BF109522.D  
 Acq: 3 Oct 2018 1:26

Tgt Ion: 164 Resp: 196920  
 Ion Ratio Lower Upper  
 164 100  
 162 102.9 86.1 129.1  
 160 47.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 85.849 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Instrument :

BNA\_F

ClientSampleId :

092818-JETT-F-D-B

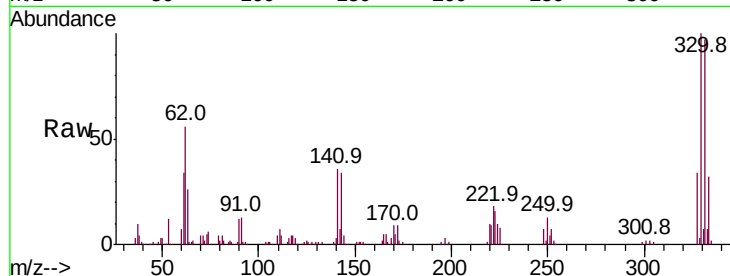
Tot Ion:330 Resp: 166652

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

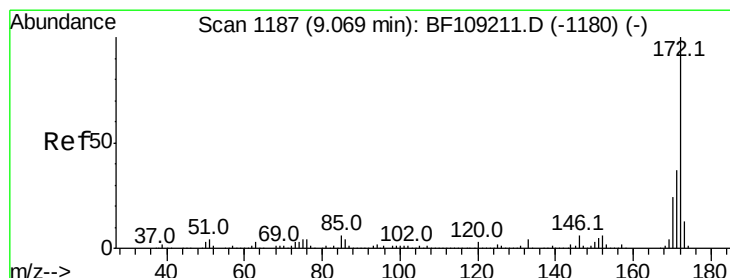
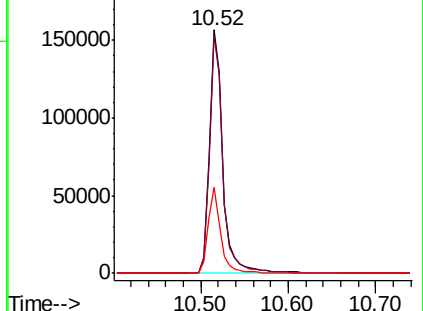
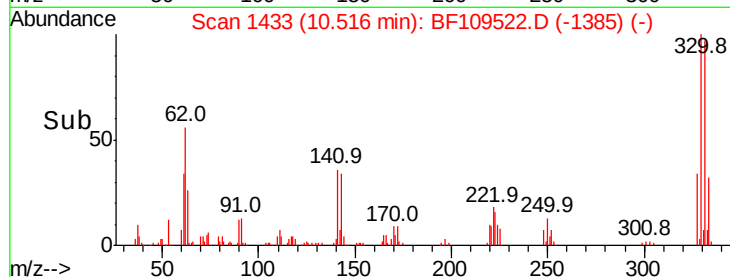
141 33.5 29.9 44.9



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: 90.978 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

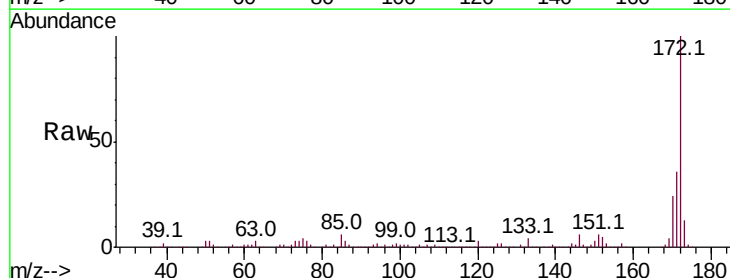
Tgt Ion:172 Resp: 1187874

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

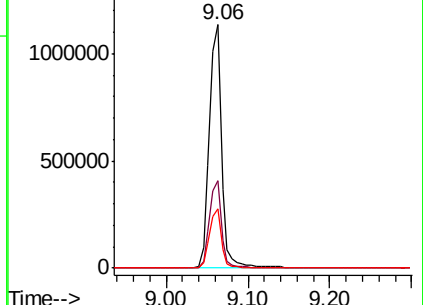
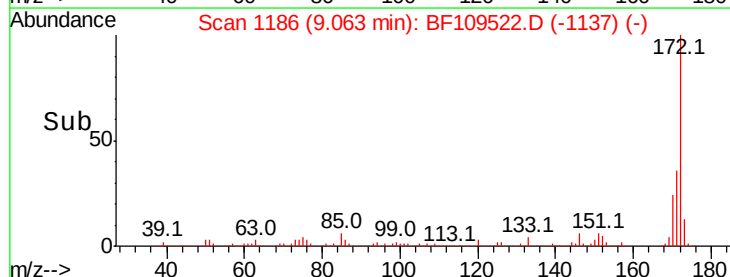
170 24.4 19.6 29.4

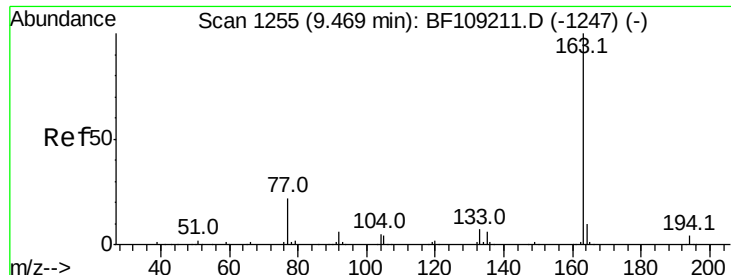


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

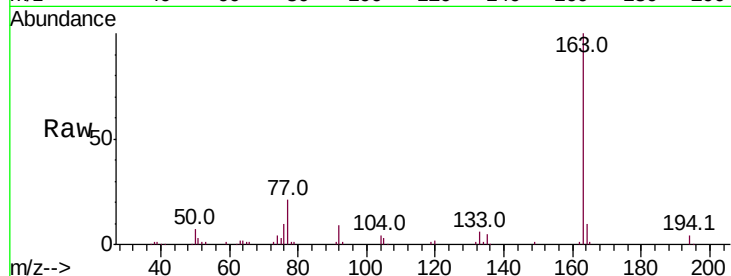




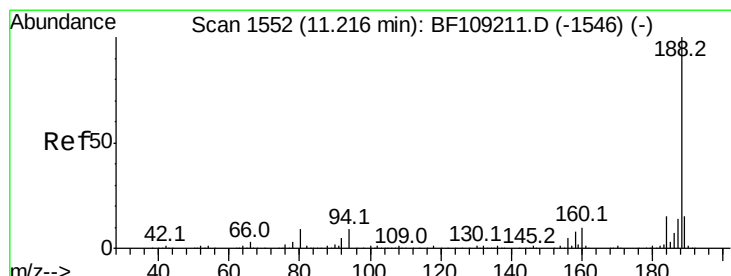
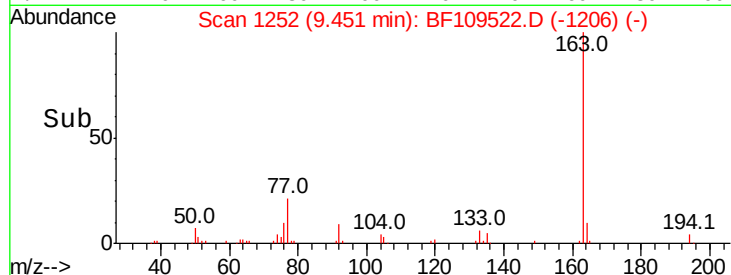
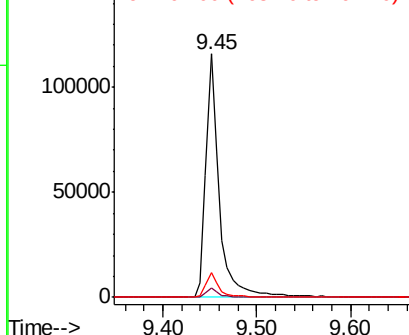
#49  
Dimethylphthalate  
Concen: 8.155 ng  
RT: 9.45 min Scan# 1252  
Delta R.T. -0.03 min  
Lab File: BF109522.D  
Acq: 3 Oct 2018 1:26

Instrument :  
BNA\_F  
ClientSampleId :  
092818-JETT-F-D-B

Tot Ion:163 Resp: 116799  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.7 4.1  
164 10.2 8.2 12.2

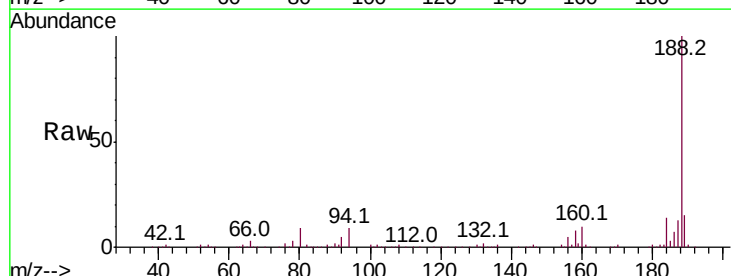


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

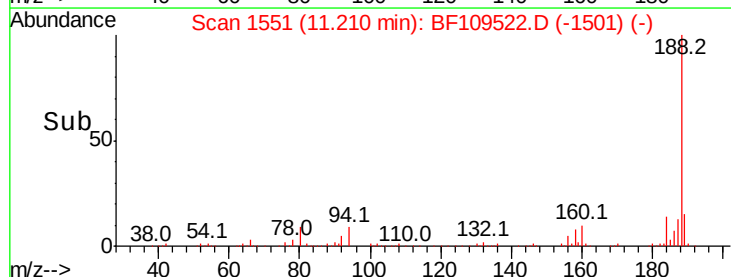
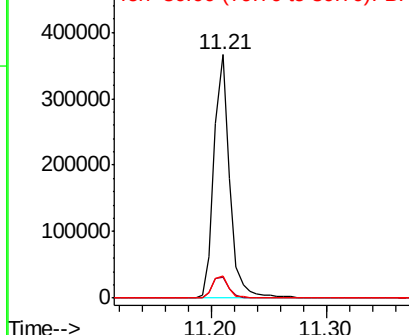


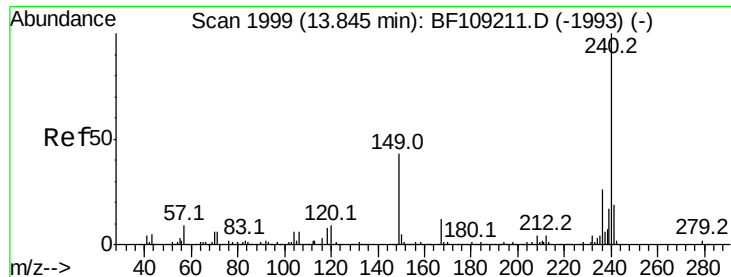
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.01 min  
Lab File: BF109522.D  
Acq: 3 Oct 2018 1:26

Tgt Ion:188 Resp: 345290  
Ion Ratio Lower Upper  
188 100  
94 8.5 8.5 12.7  
80 8.9 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

Instrument :

BNA\_F

ClientSampleId :

092818-JETT-F-D-B

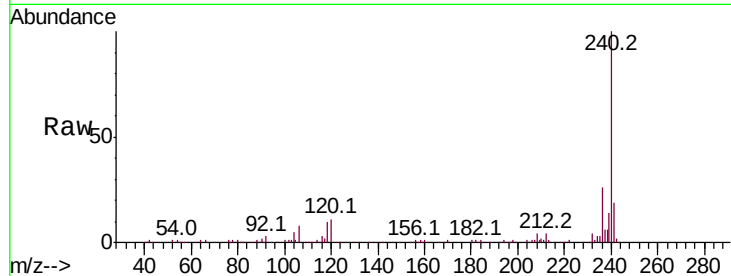
Tot Ion:240 Resp: 263562

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

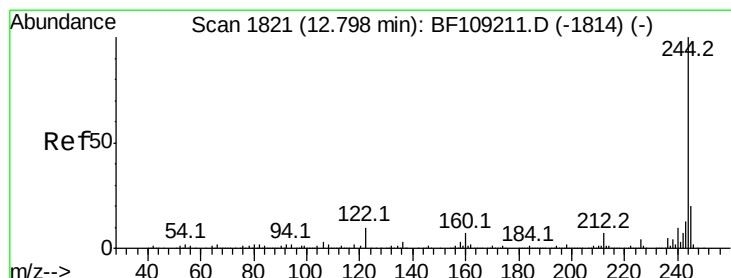
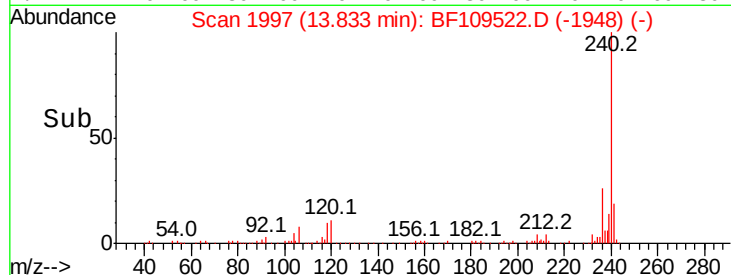
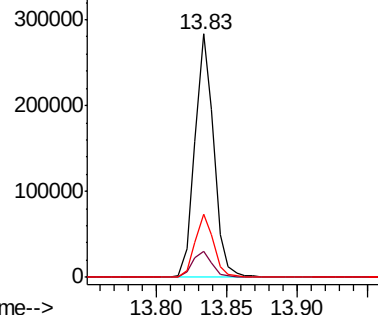
236 25.9 20.7 31.1



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: 96.255 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109522.D

Acq: 3 Oct 2018 1:26

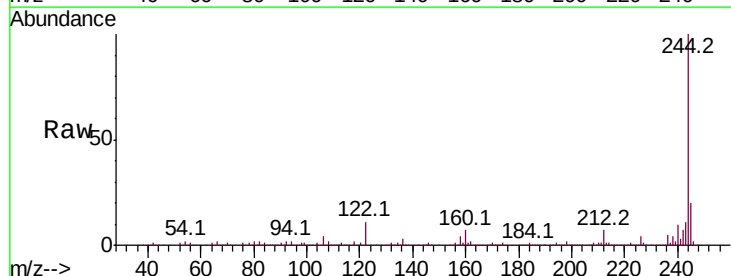
Tgt Ion:244 Resp: 1033724

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

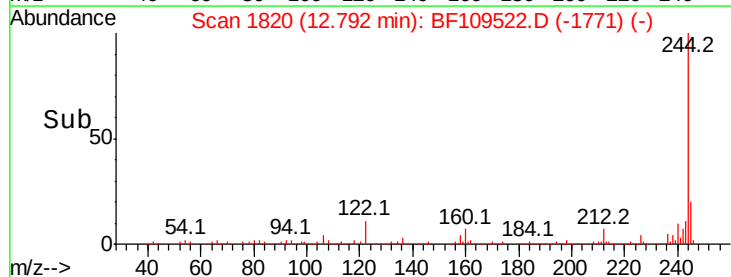
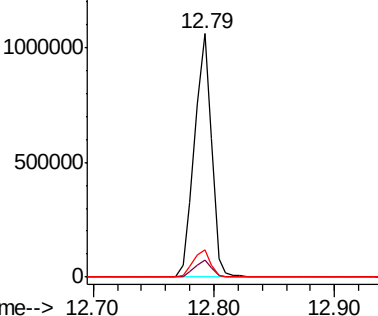
122 11.2 11.0 16.4



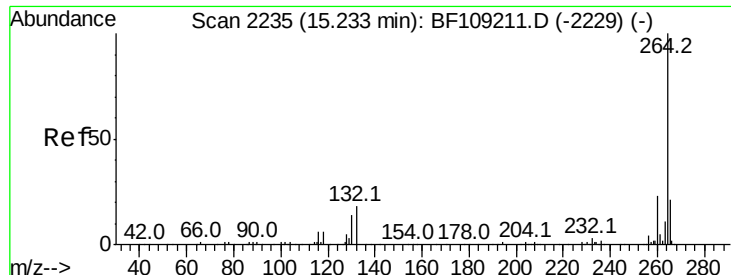
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



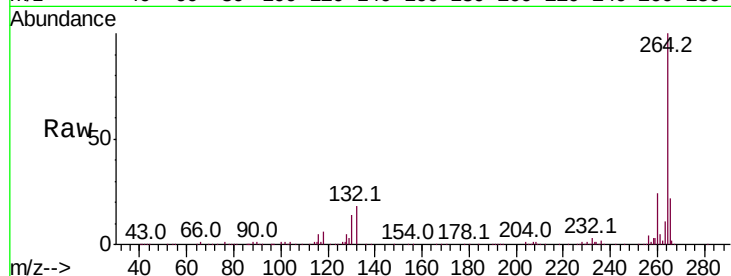




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.23 min Scan# 2235  
 Delta R.T. -0.01 min  
 Lab File: BF109522.D  
 Acq: 3 Oct 2018 1:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 092818-JETT-F-D-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.2  | 28.8  |
| 265     | 21.7  | 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

