

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\  
 Data File : BF109778.D  
 Acq On : 11 Oct 2018 8:34  
 Operator : JU/SJ  
 Sample : J5299-07  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100518-SIDI-F-D-S

Quant Time: Oct 11 11:14:26 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

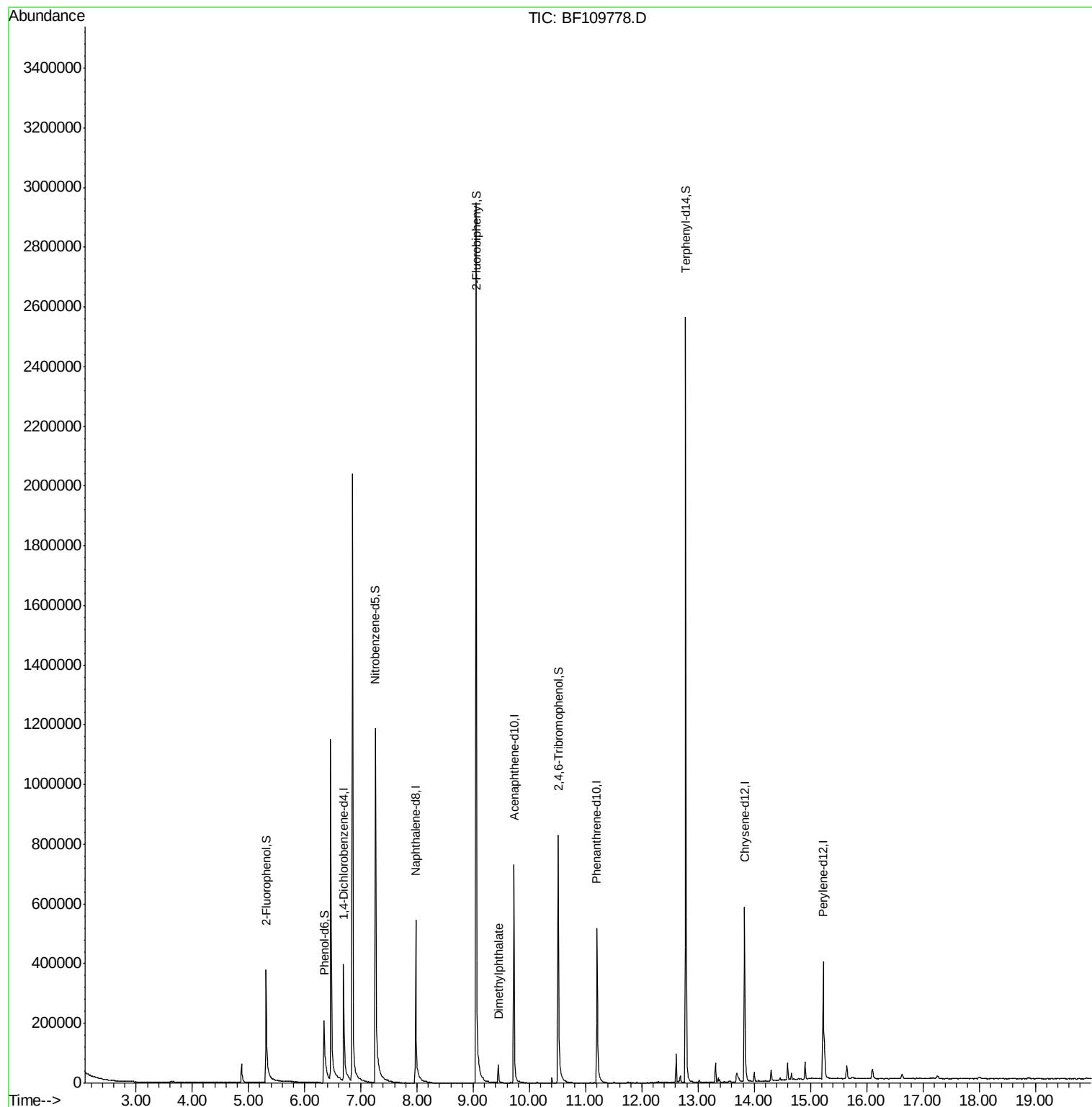
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 88325    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.97  | 136  | 360257   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.72  | 164  | 164940   | 20.00 | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.20 | 188  | 299000   | 20.00 | ng    | 0.00      |
| 75) Chrysene-d12            | 13.83 | 240  | 255284   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 15.23 | 264  | 228282   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.32  | 112  | 191136   | 38.41 | ng    | 0.00      |
| 7) Phenol-d6                | 6.35  | 99   | 178666   | 26.88 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.26  | 82   | 646005   | 98.85 | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 10.51 | 330  | 146883   | 81.73 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.05  | 172  | 1135033  | 94.78 | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.78 | 244  | 1005972  | 76.28 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 49) Dimethylphthalate       | 9.45  | 163  | 36709    | 3.035 | ng    | Qvalue 99 |

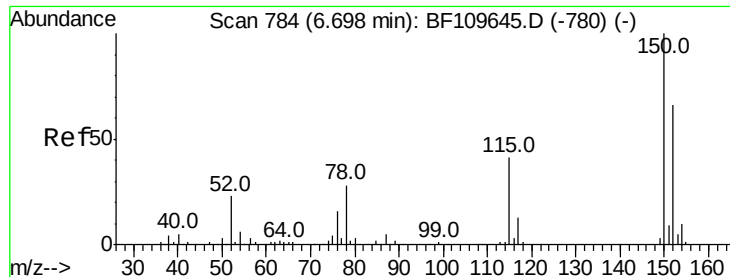
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
100518-SIDI-F-D-S

Quant Time: Oct 11 11:14:26 2018  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 08 16:02:11 2018  
Response via : Initial Calibration



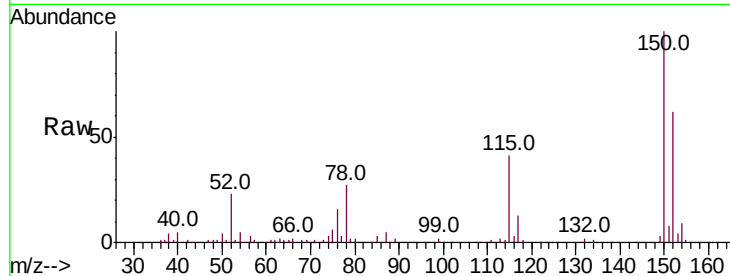


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BF109778.D  
Acq: 11 Oct 2018 8:34

Instrument :  
BNA\_F  
ClientSampleId :  
100518-SIDI-F-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.9 | 122.7 | 184.1 |
| 115     | 65.6  | 49.1  | 73.7  |

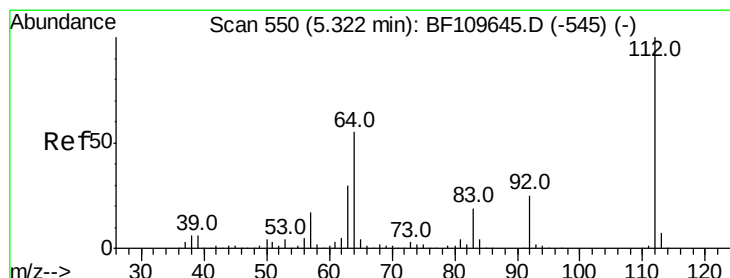
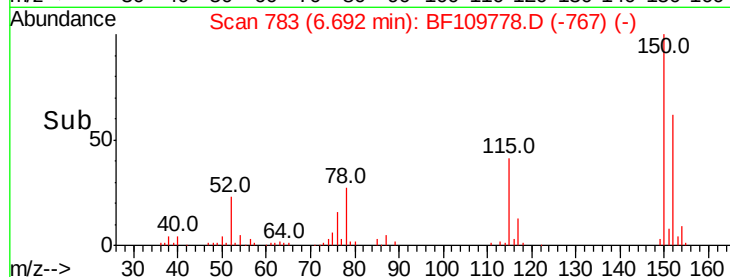
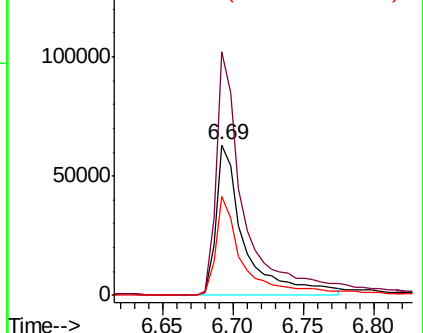


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

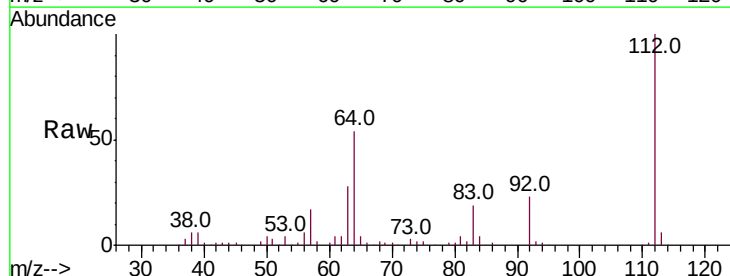
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 38.412 ng  
RT: 5.32 min Scan# 549  
Delta R.T. -0.01 min  
Lab File: BF109778.D  
Acq: 11 Oct 2018 8:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.3  | 44.1  | 66.1  |
| 63      | 28.3  | 23.7  | 35.5  |

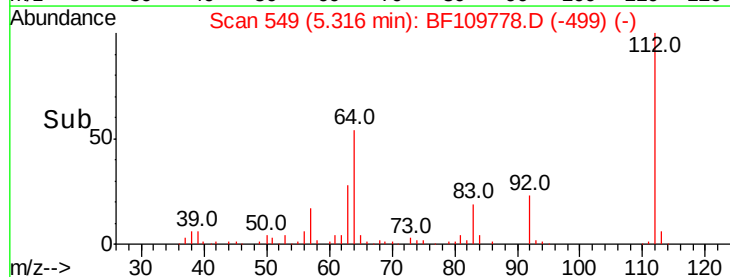
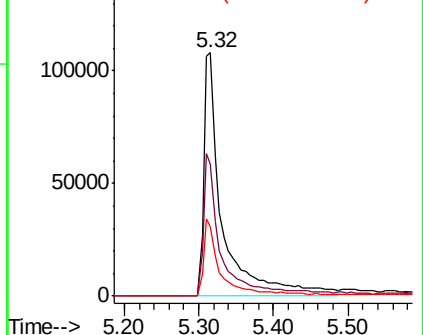


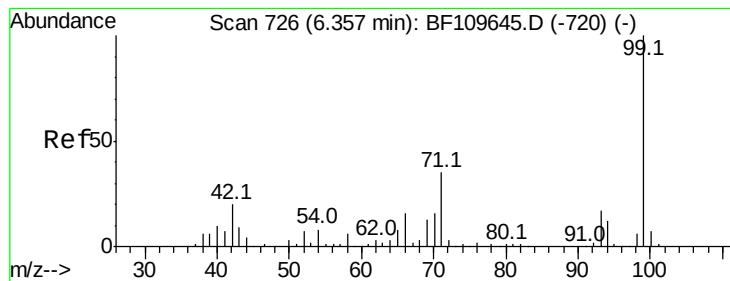
Abundance

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: 26.878 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

Instrument :

BNA\_F

ClientSampleId :

100518-SIDI-F-D-S

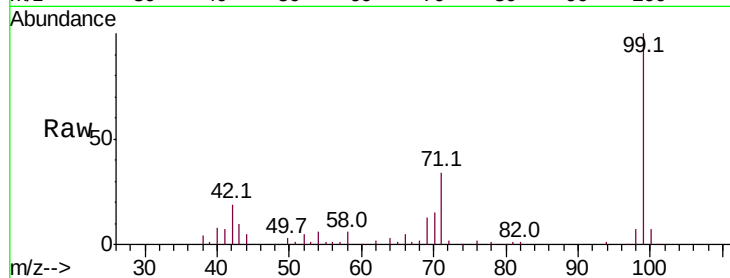
Tot Ion: 99 Resp: 178666

Ion Ratio Lower Upper

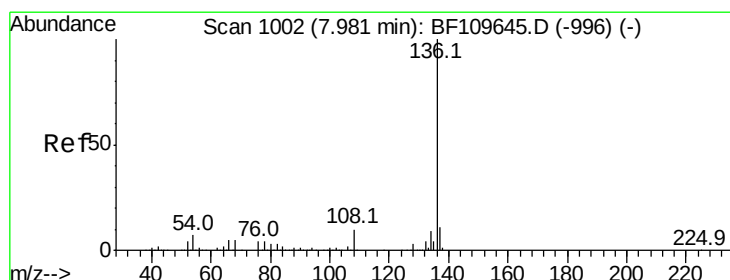
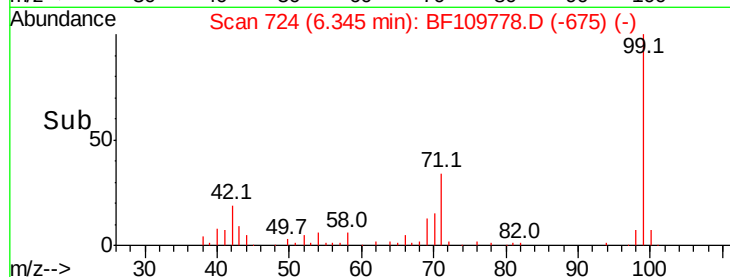
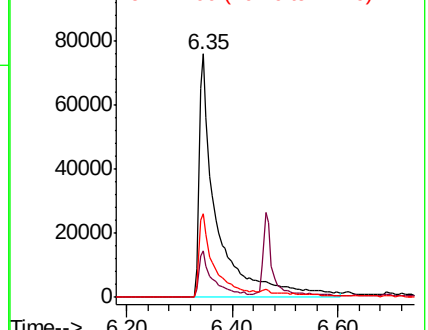
99 100

42 18.9 15.8 23.6

71 34.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

Tgt Ion: 136 Resp: 360257

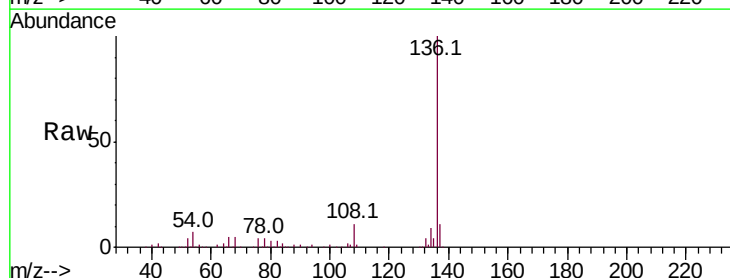
Ion Ratio Lower Upper

136 100

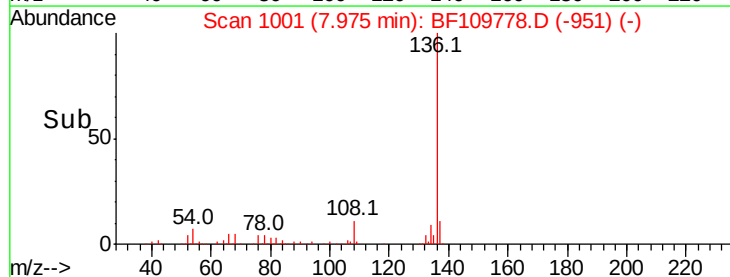
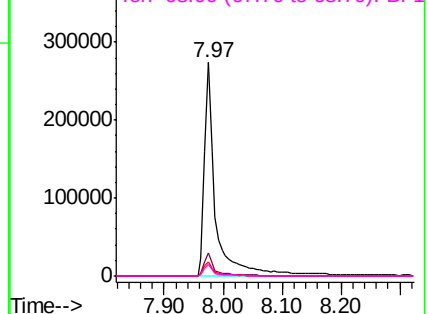
137 11.1 8.8 13.2

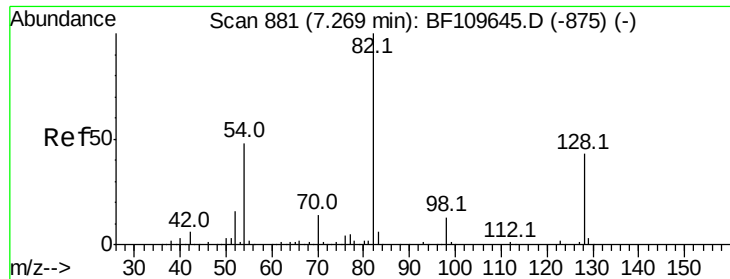
54 6.8 5.4 8.2

68 5.3 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

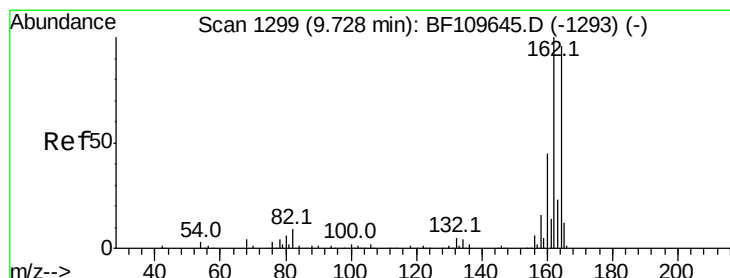
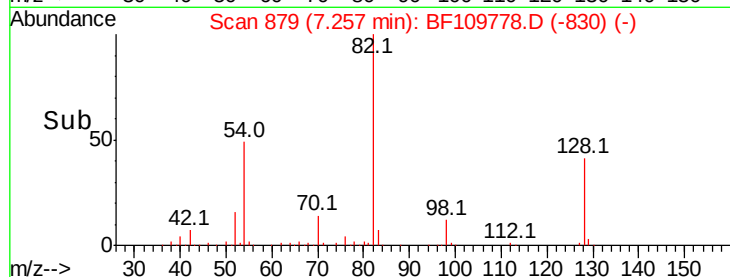
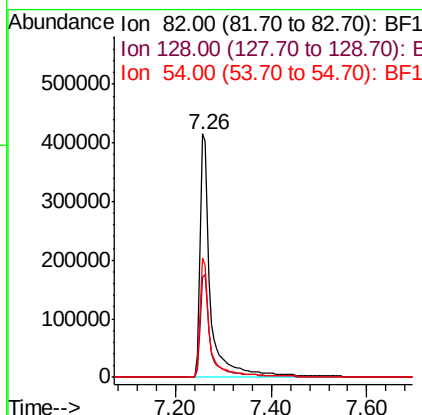
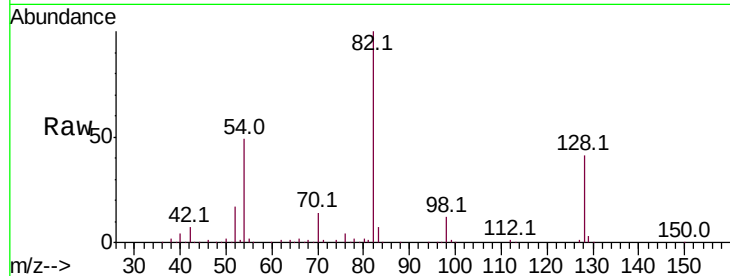




#23  
 Nitrobenzene-d5  
 Concen: 98.846 ng  
 RT: 7.26 min Scan# 879  
 Delta R.T. -0.01 min  
 Lab File: BF109778.D  
 Acq: 11 Oct 2018 8:34

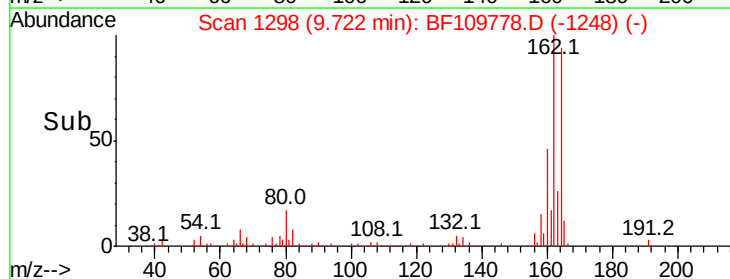
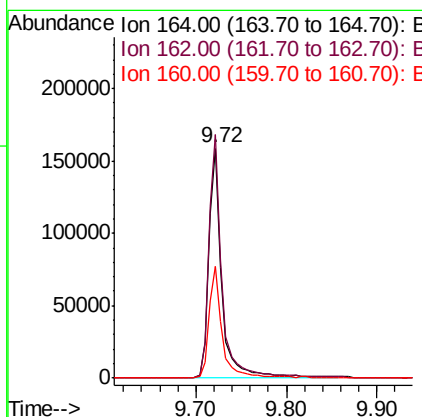
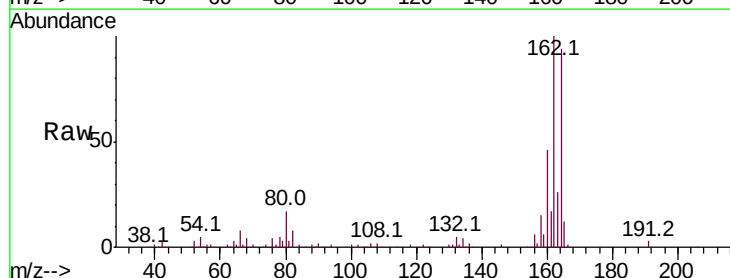
Instrument :  
 BNA\_F  
 ClientSampleId :  
 100518-SIDI-F-D-S

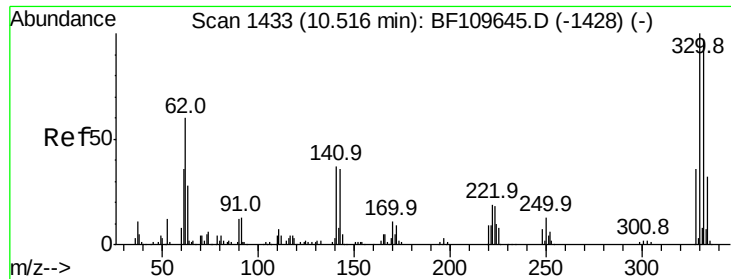
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.1  | 34.2  | 51.2  |
| 54      | 49.3  | 38.6  | 58.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BF109778.D  
 Acq: 11 Oct 2018 8:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 83.0  | 124.6 |
| 160     | 48.4  | 37.0  | 55.6  |

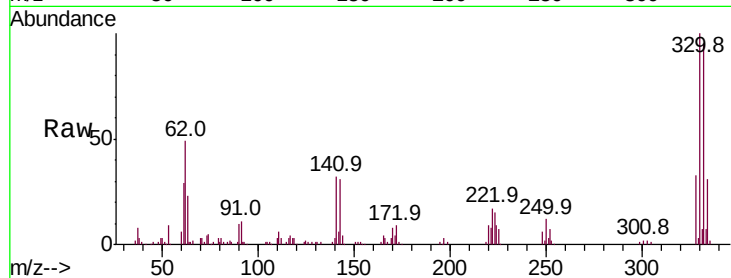




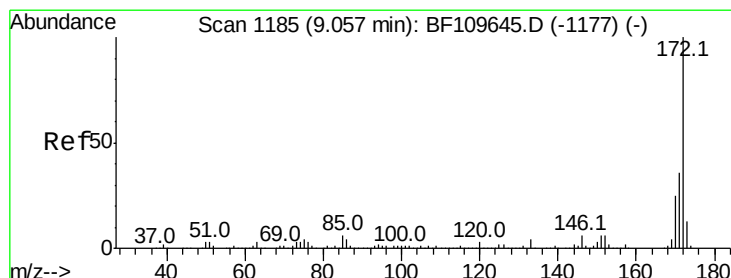
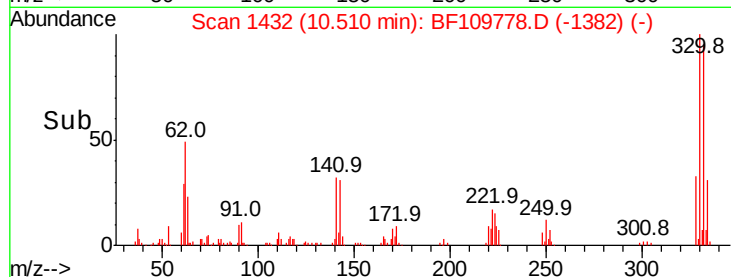
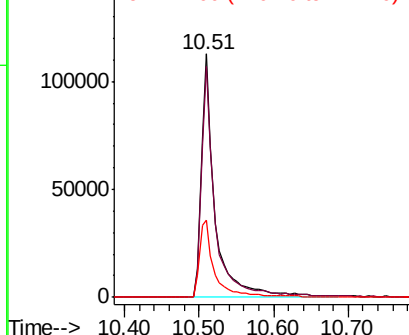
#41  
 2,4,6-Tribromophenol  
 Concen: 81.729 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF109778.D  
 Acq: 11 Oct 2018 8:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 100518-SIDI-F-D-S

Tot Ion:330 Resp: 146883  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 77.1 115.7  
 141 33.8 27.0 40.4

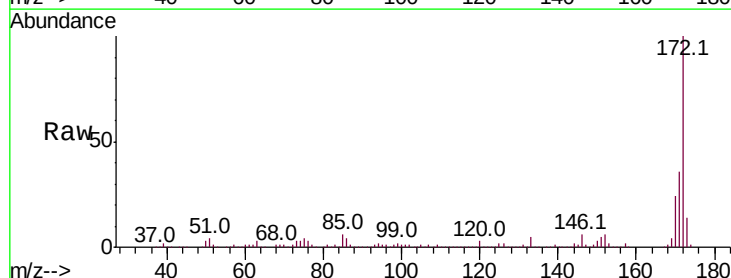


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

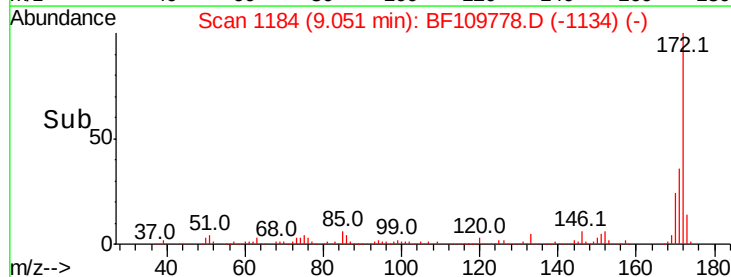
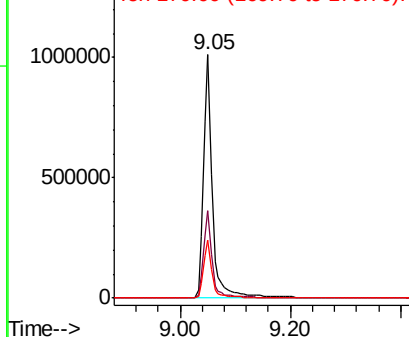


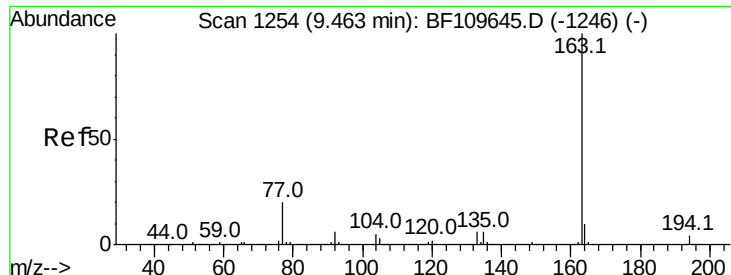
#44  
 2-Fluorobiphenyl  
 Concen: 94.776 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BF109778.D  
 Acq: 11 Oct 2018 8:34

Tgt Ion:172 Resp: 1135033  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.6 43.0  
 170 24.1 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





#49

Dimethylphthalate

Concen: 3.035 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

Instrument :

BNA\_F

ClientSampleId :

100518-SIDI-F-D-S

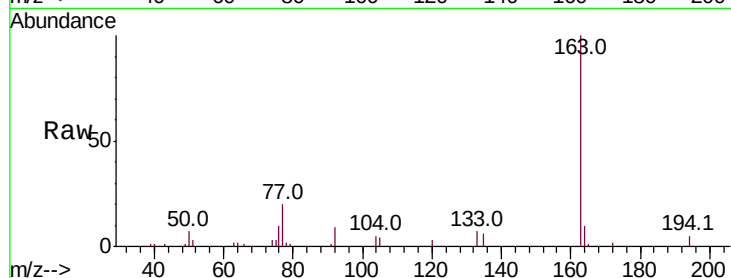
Tot Ion:163 Resp: 36709

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

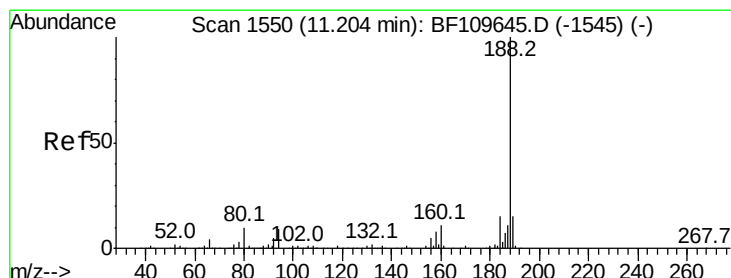
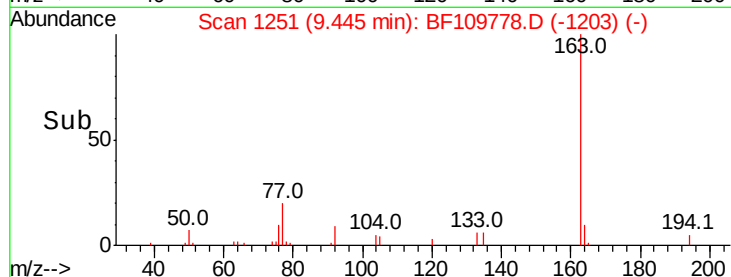
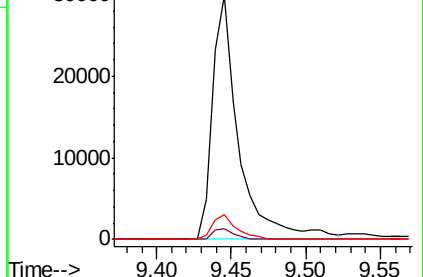
164 10.0 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

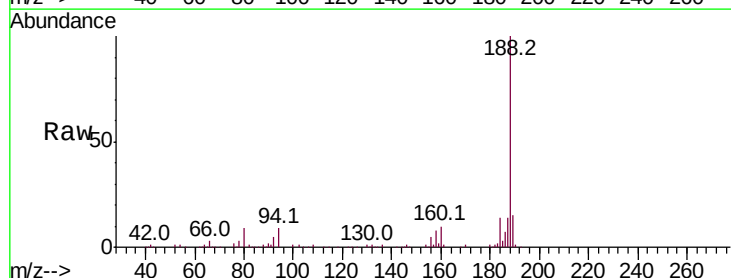
Tgt Ion:188 Resp: 299000

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

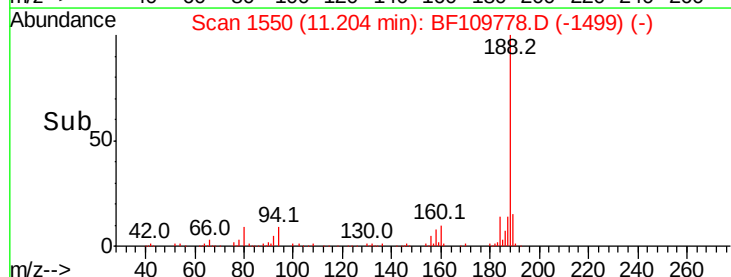
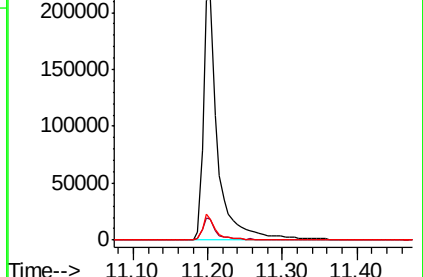
80 8.6 7.9 11.9

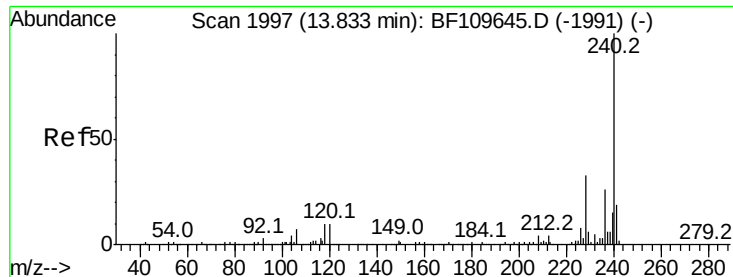


Abundance Ion 188.00 (187.70 to 188.70): E

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# 1996

Delta R.T. -0.01 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

Instrument :

BNA\_F

ClientSampleId :

100518-SIDI-F-D-S

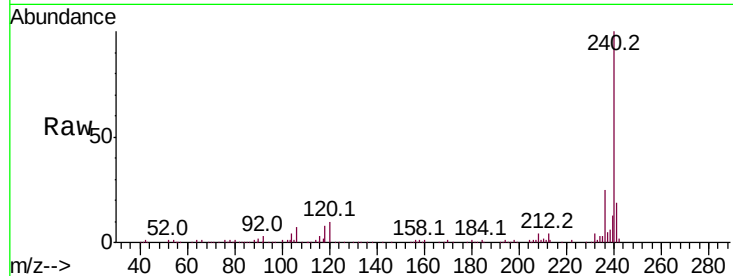
Tot Ion:240 Resp: 255284

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

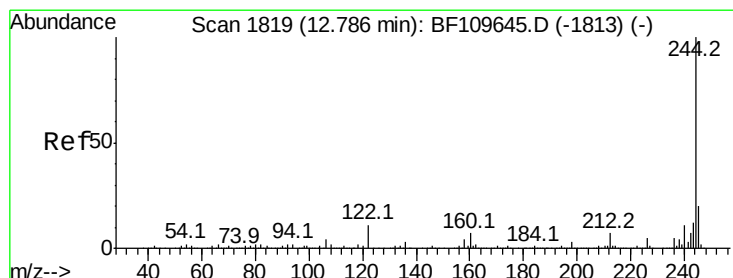
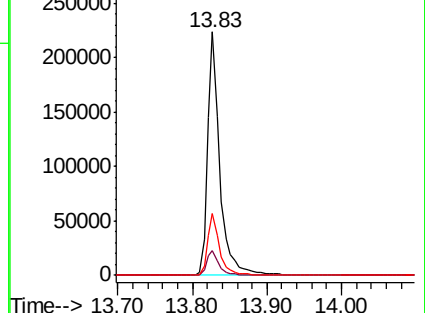
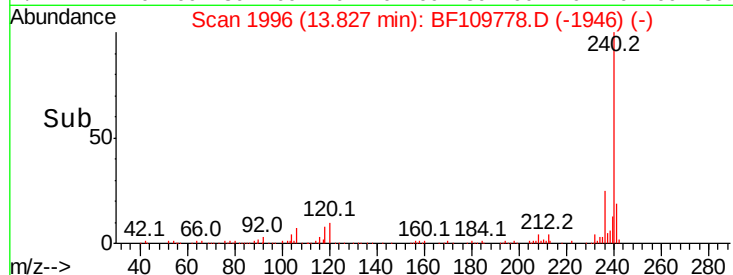
236 25.2 21.2 31.8



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: 76.284 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109778.D

Acq: 11 Oct 2018 8:34

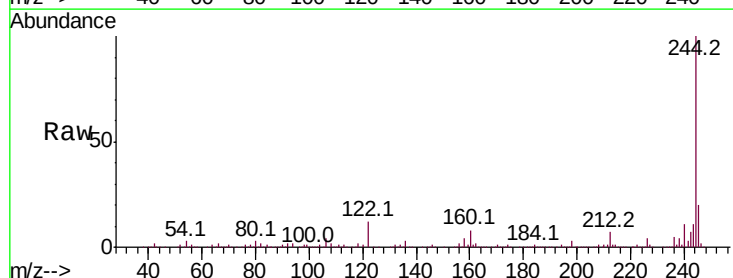
Tgt Ion:244 Resp: 1005972

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

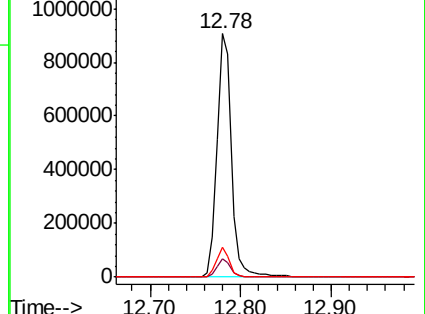
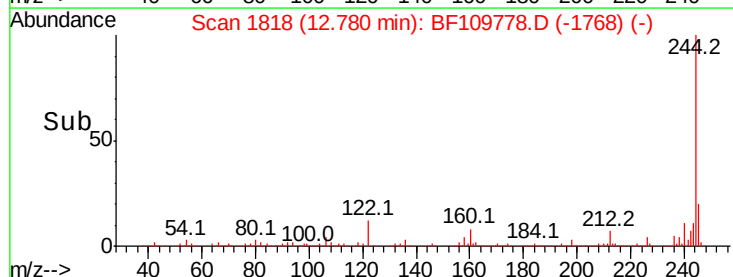
122 12.0 8.7 13.1



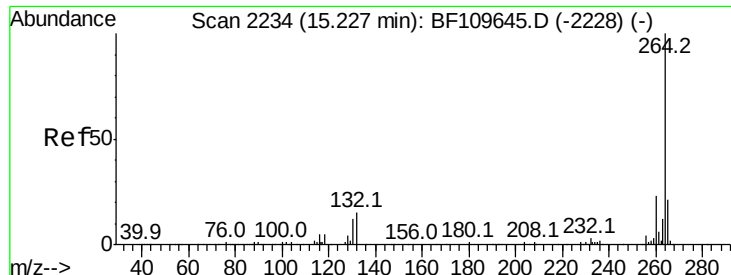
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. -0.00 min  
Lab File: BF109778.D  
Acq: 11 Oct 2018 8:34

Instrument :  
BNA\_F  
ClientSampleId :  
100518-SIDI-F-D-S

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.2  | 18.7  | 28.1  |
| 265     | 20.9  | 16.7  | 25.1  |

