

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\  
 Data File : BF097277.D  
 Acq On : 2 Aug 2017 17:01  
 Operator : SJ/JU  
 Sample : I4511-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-PLATT-COMP

Quant Time: Aug 02 17:56:47 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 17:05:06 2017  
 Response via : Initial Calibration

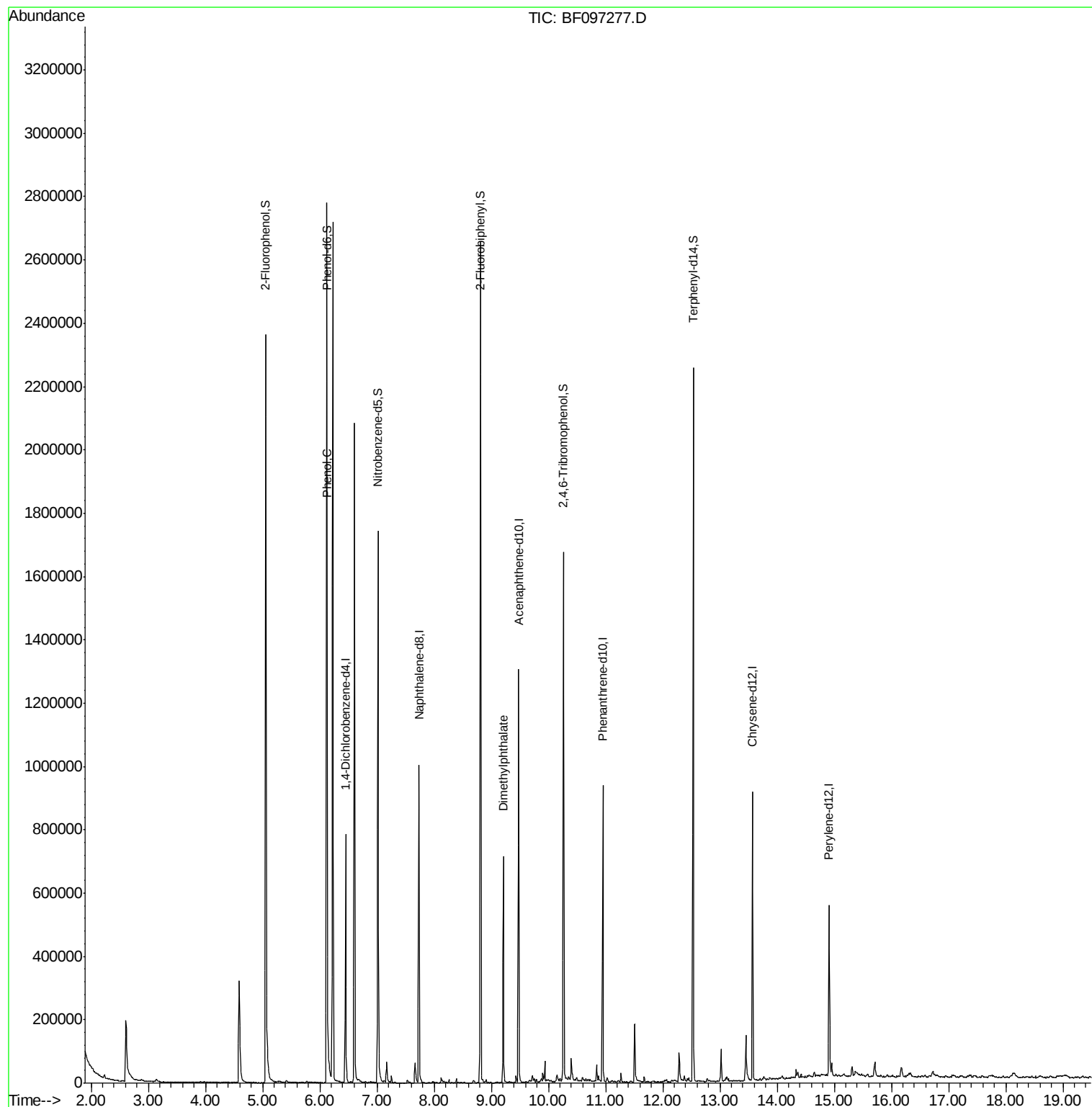
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.45  | 152  | 124649   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.73  | 136  | 461283   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.47  | 164  | 242285   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 10.95 | 188  | 357745   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.57 | 240  | 294668   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 14.91 | 264  | 207459   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.05  | 112  | 767267   | 92.79  | ng    | 0.00     |
| 7) Phenol-d6                | 6.12  | 99   | 1044698  | 110.67 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.02  | 82   | 549998   | 69.95  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.26 | 330  | 191604   | 100.09 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.81  | 172  | 880580   | 61.68  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.53 | 244  | 734138   | 50.80  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.13  | 94   | 46745    | 4.175  | ng    | 96       |
| 49) Dimethylphthalate       | 9.21  | 163  | 267262   | 14.526 | ng    | 99       |

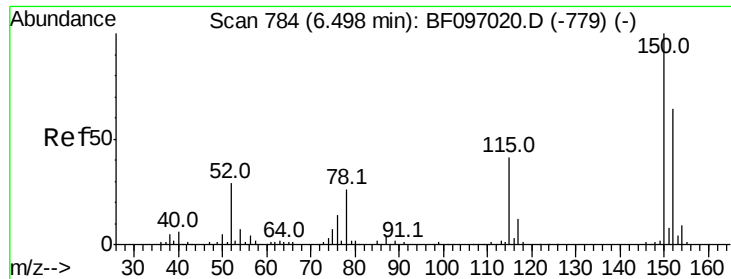
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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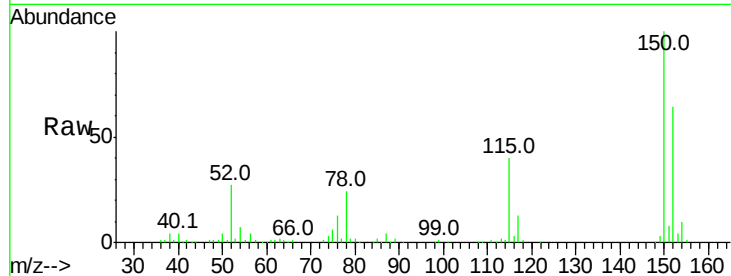


#1

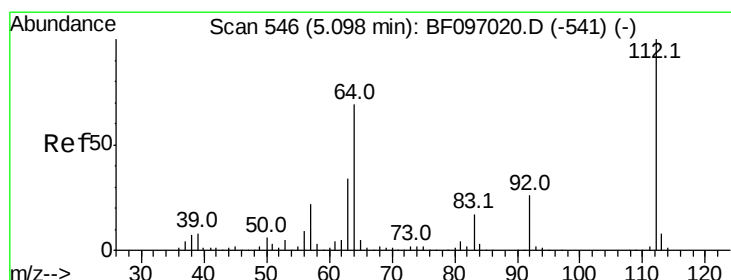
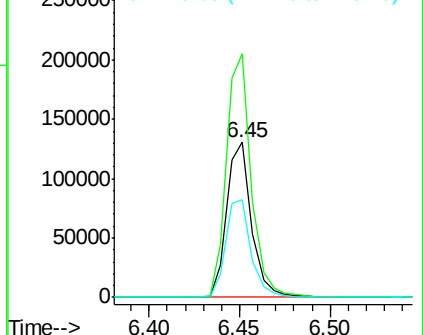
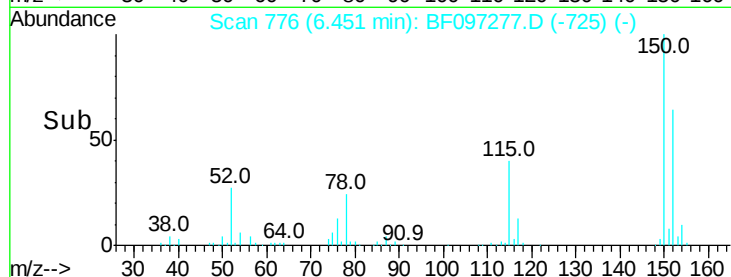
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.45 min Scan# 776  
 Delta R.T. 0.00 min  
 Lab File: BF097277.D  
 Acq: 2 Aug 2017 17:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-PLATT-COMP

Tot Ion:152 Resp: 124649  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 126.2 189.2  
 115 63.1 52.2 78.2



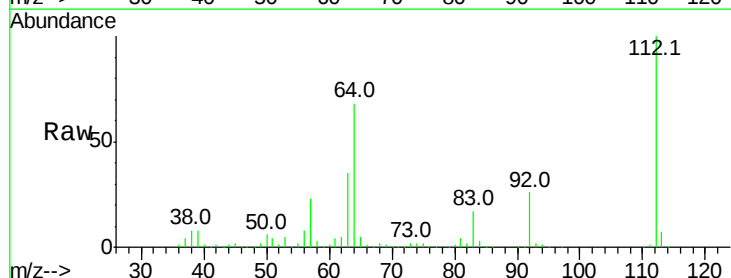
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



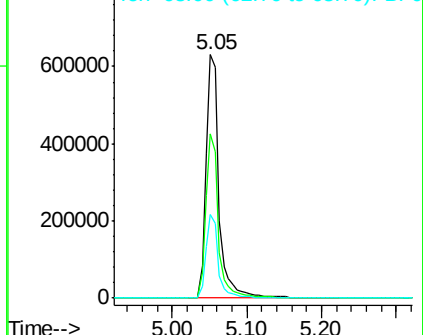
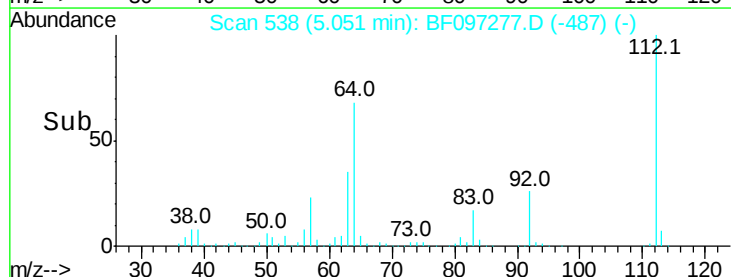
#5

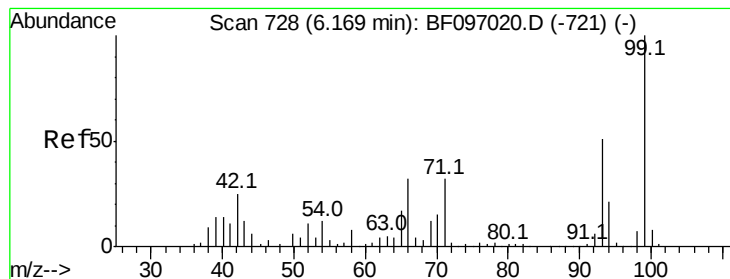
2-Fluorophenol  
 Concen: 92.792 ng  
 RT: 5.05 min Scan# 538  
 Delta R.T. 0.00 min  
 Lab File: BF097277.D  
 Acq: 2 Aug 2017 17:01

Tgt Ion:112 Resp: 767267  
 Ion Ratio Lower Upper  
 112 100  
 64 67.6 46.0 69.0  
 63 34.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BF0  
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.671 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

Instrument :

BNA\_F

ClientSampleId :

TEC-PLATT-COMP

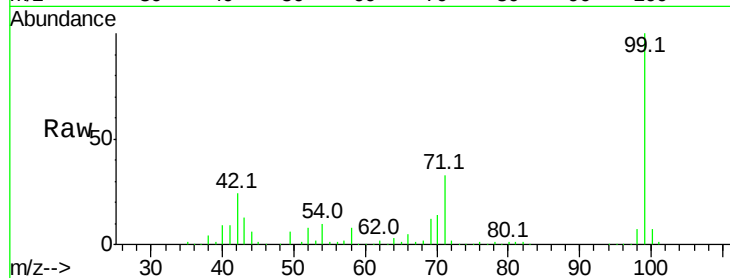
Tot Ion: 99 Resp: 1044698

Ion Ratio Lower Upper

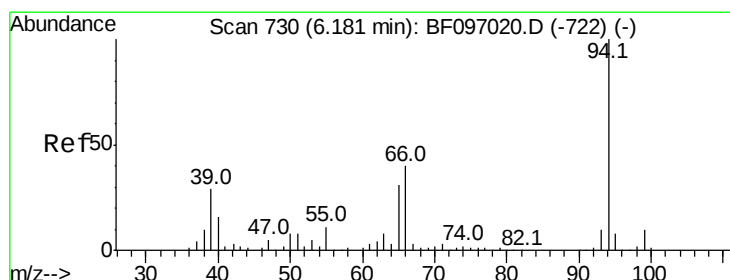
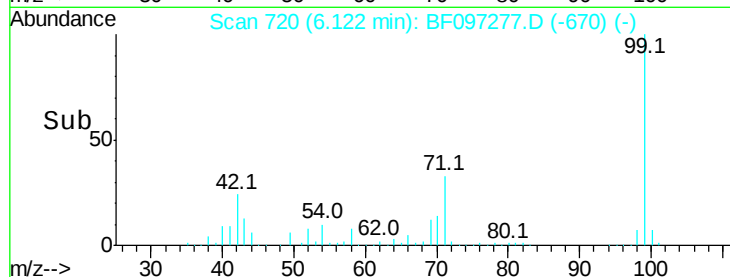
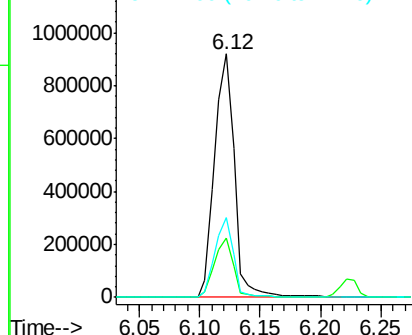
99 100

42 24.2 13.5 20.3#

71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.175 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

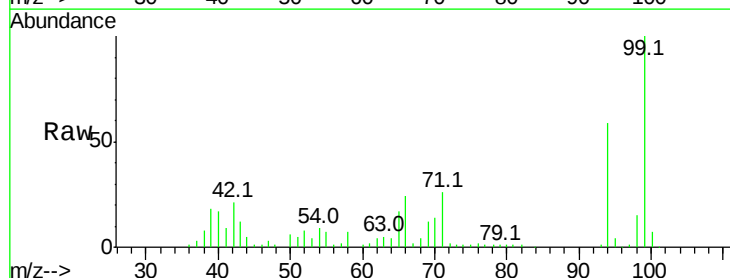
Tgt Ion: 94 Resp: 46745

Ion Ratio Lower Upper

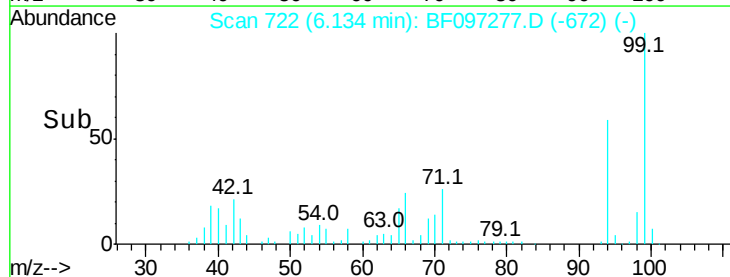
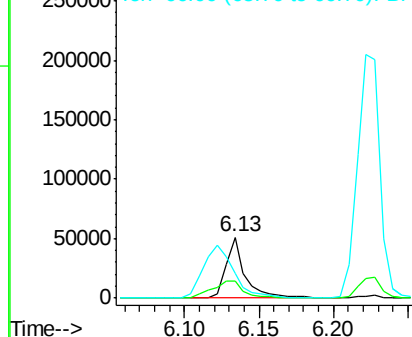
94 100

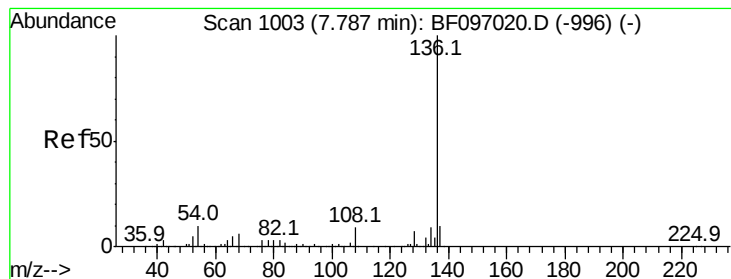
65 28.2 9.9 49.9

66 40.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

Instrument :

BNA\_F

ClientSampleId :

TEC-PLATT-COMP

Tot Ion:136 Resp: 461283

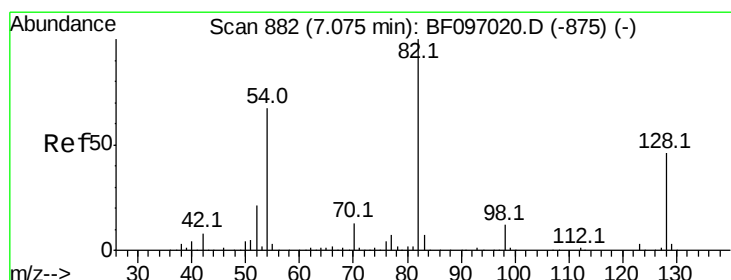
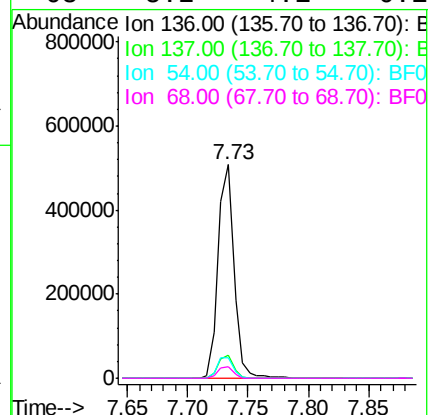
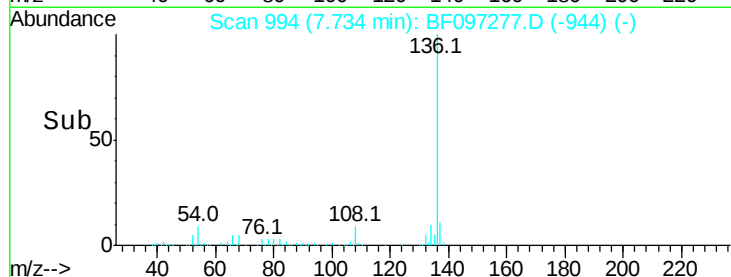
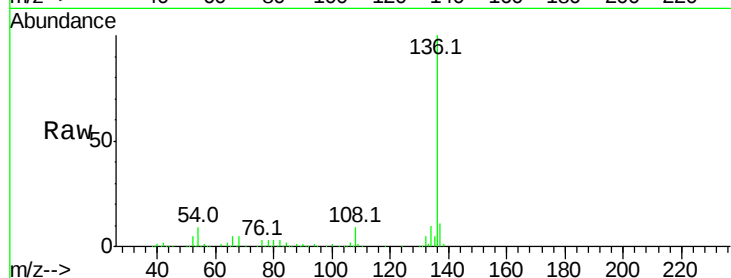
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.4 4.9 7.3#

68 5.2 4.1 6.1



#23

Nitrobenzene-d5

Concen: 69.946 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

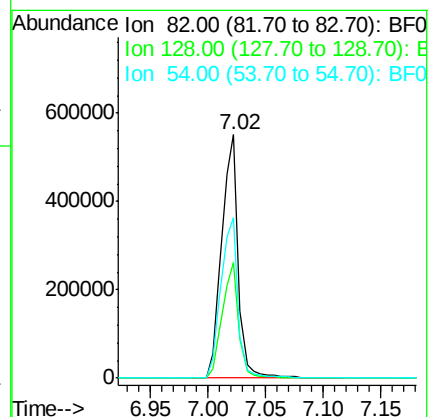
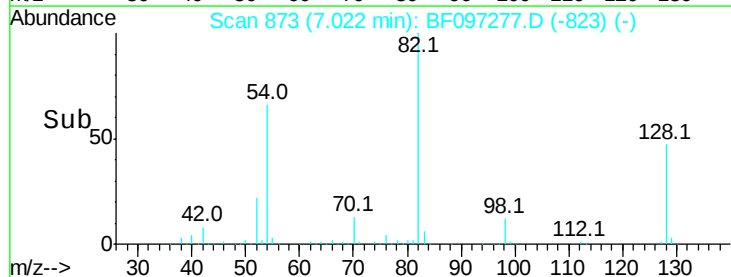
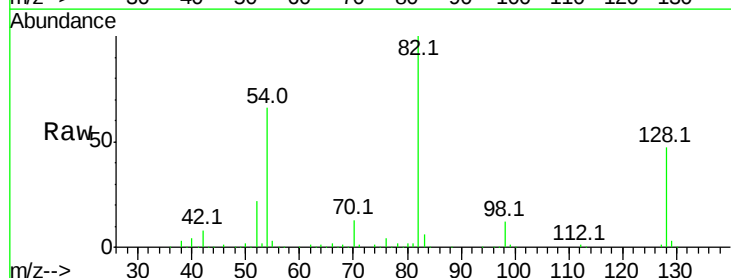
Tgt Ion: 82 Resp: 549998

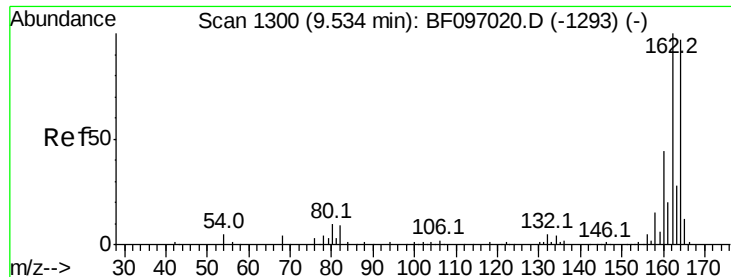
Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

54 66.1 42.2 63.2#

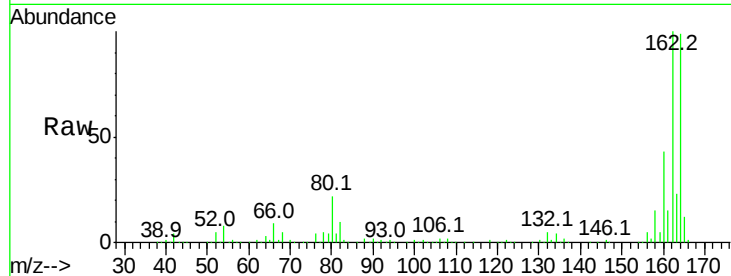




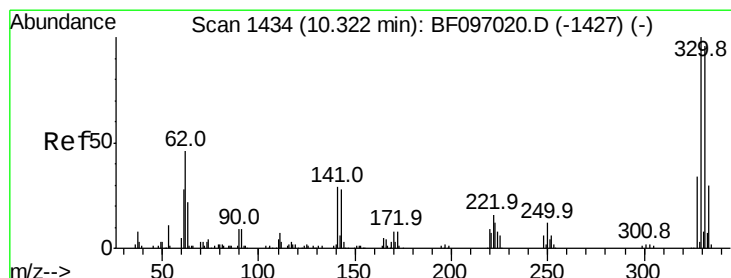
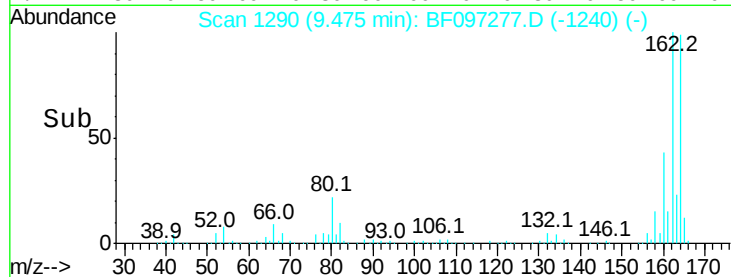
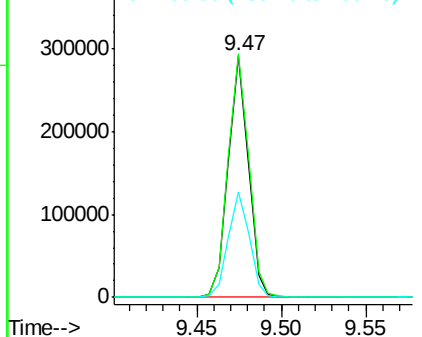
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.47 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: BF097277.D  
 Acq: 2 Aug 2017 17:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-PLATT-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.0 | 82.6  | 123.8 |
| 160     | 43.7  | 36.2  | 54.2  |

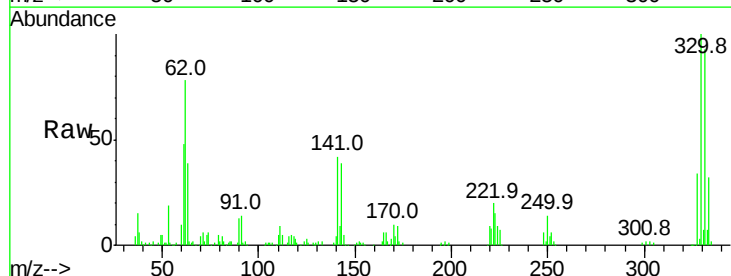


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

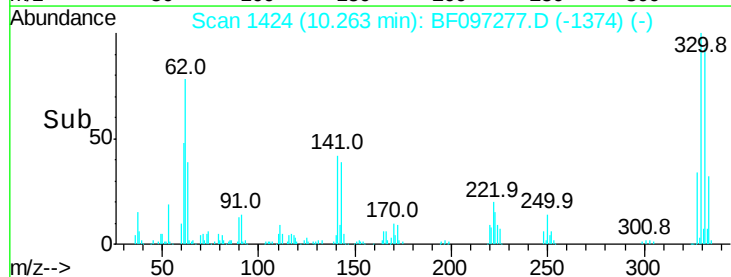
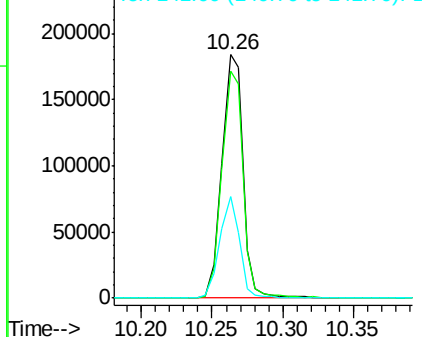


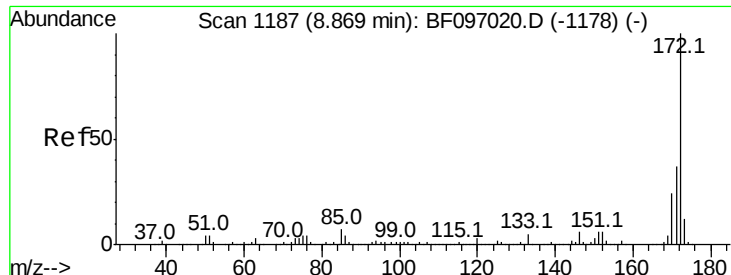
#41  
 2,4,6-Tribromophenol  
 Concen: 100.092 ng  
 RT: 10.26 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BF097277.D  
 Acq: 2 Aug 2017 17:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.2  | 76.6  | 115.0 |
| 141     | 39.4  | 31.4  | 47.2  |



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



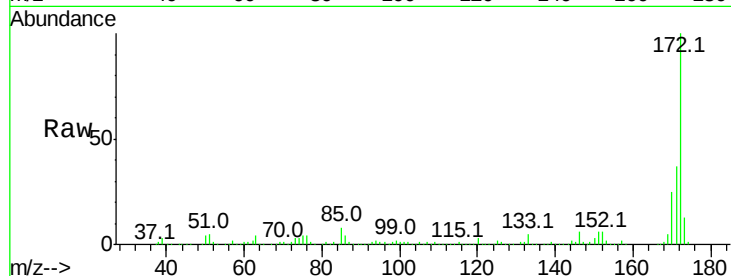


#44  
 2-Fluorobiphenyl  
 Concen: 61.681 ng  
 RT: 8.81 min Scan# 1177  
 Delta R.T. -0.01 min  
 Lab File: BF097277.D  
 Acq: 2 Aug 2017 17:01

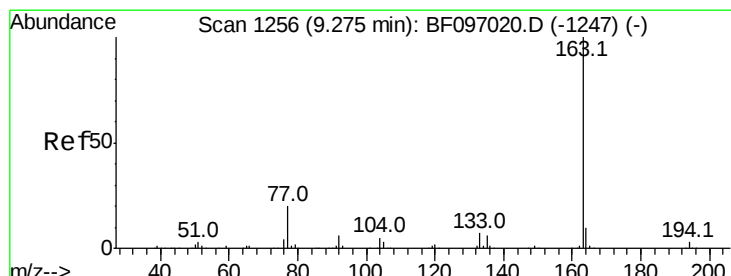
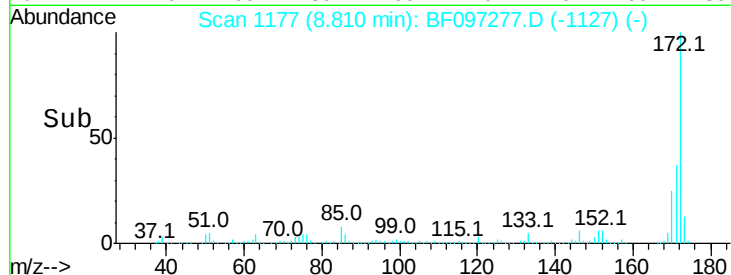
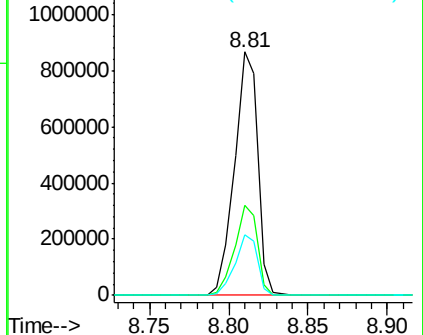
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEC-PLATT-COMP

Tot Ion:172 Resp: 880580  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.0  | 29.6  | 44.4  |
| 170 | 24.6  | 19.8  | 29.8  |



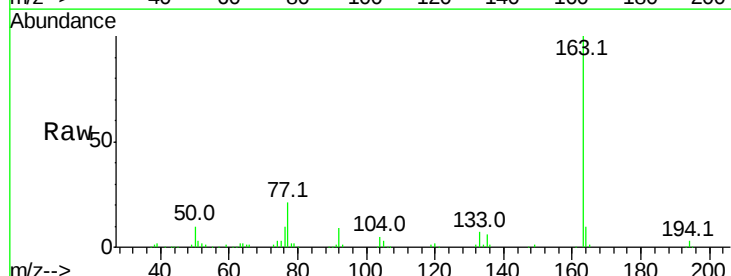
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



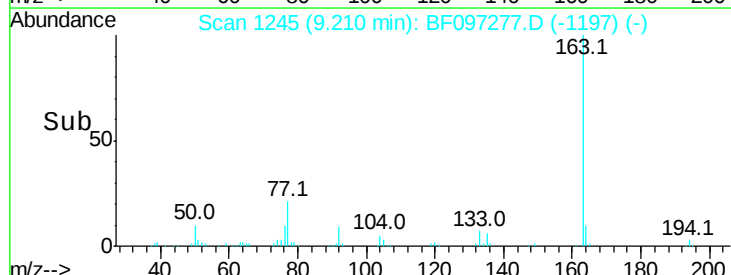
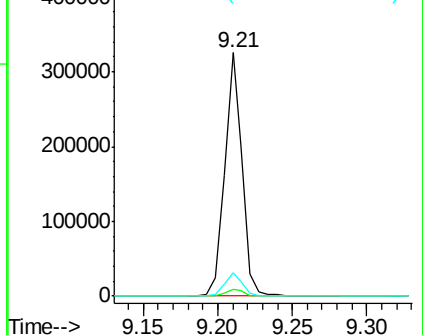
#49  
 Dimethylphthalate  
 Concen: 14.526 ng  
 RT: 9.21 min Scan# 1245  
 Delta R.T. -0.02 min  
 Lab File: BF097277.D  
 Acq: 2 Aug 2017 17:01

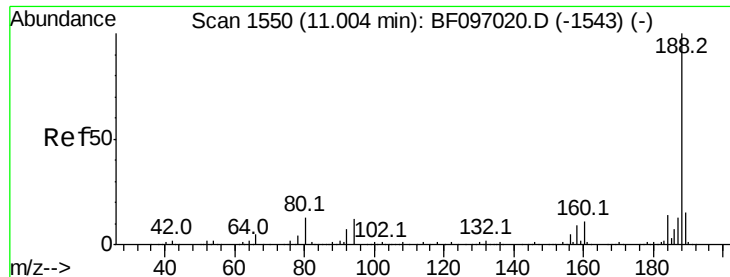
Tgt Ion:163 Resp: 267262  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.0   | 2.6   | 4.0   |
| 164 | 9.9   | 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

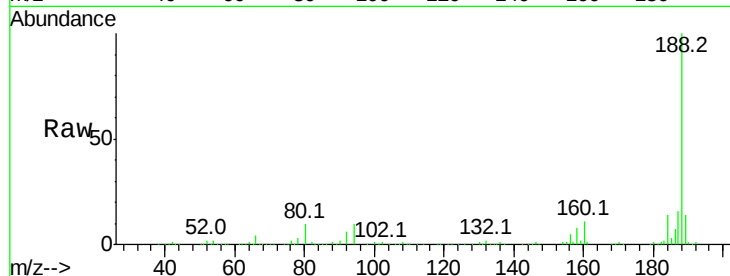




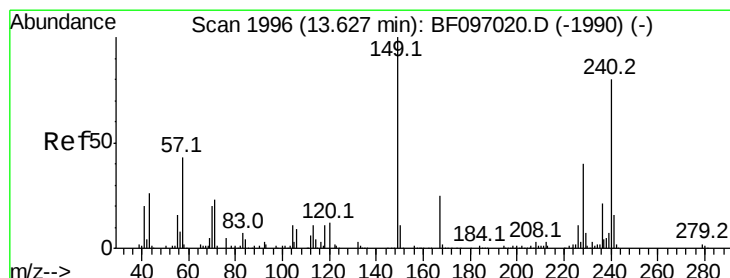
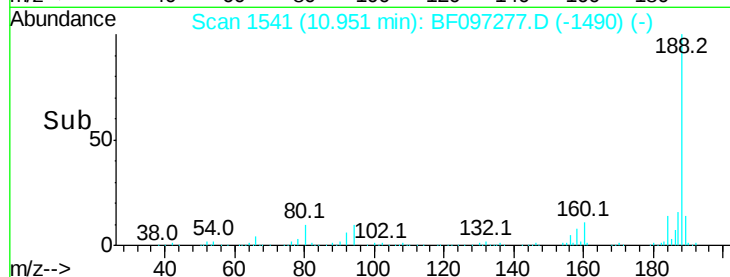
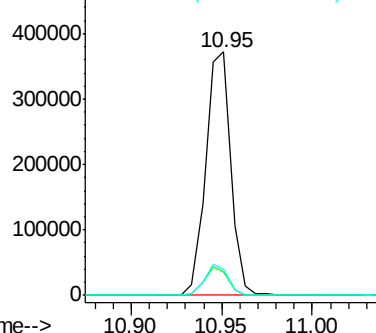
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 10.95 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: BF097277.D  
Acq: 2 Aug 2017 17:01

Instrument :  
BNA\_F  
ClientSampleId :  
TEC-PLATT-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.6   | 9.4   | 14.2  |
| 80      | 10.5  | 10.2  | 15.2  |

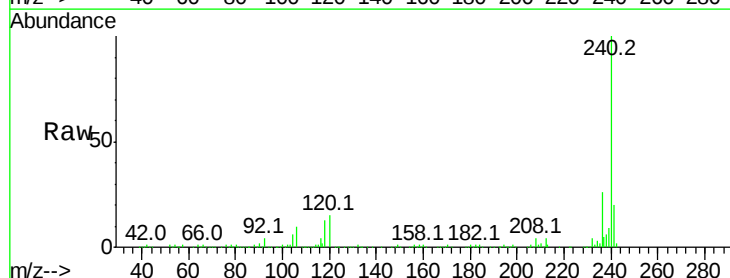


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

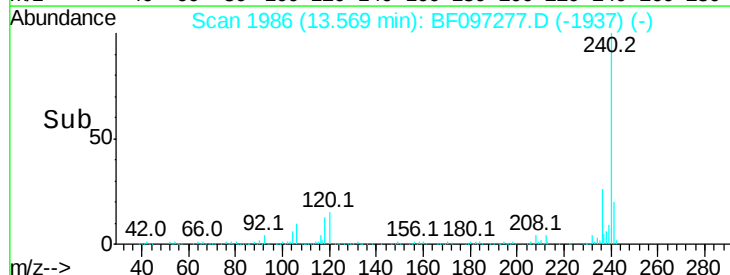
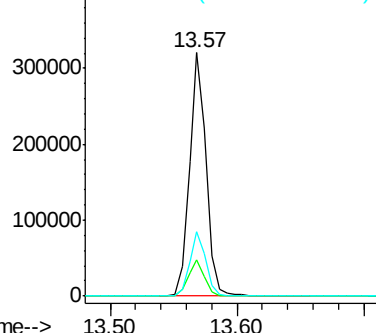


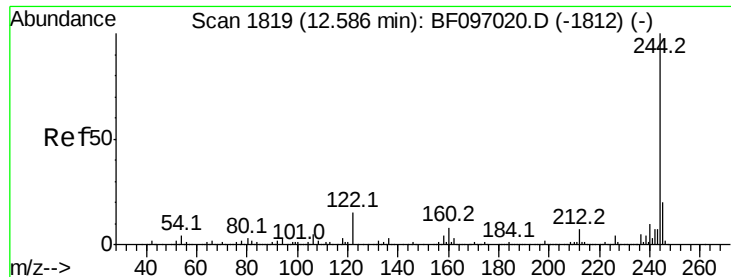
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.57 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BF097277.D  
Acq: 2 Aug 2017 17:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 14.9  | 5.8   | 8.8#  |
| 236     | 26.2  | 20.5  | 30.7  |



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: 50.796 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

Instrument :

BNA\_F

ClientSampleId :

TEC-PLATT-COMP

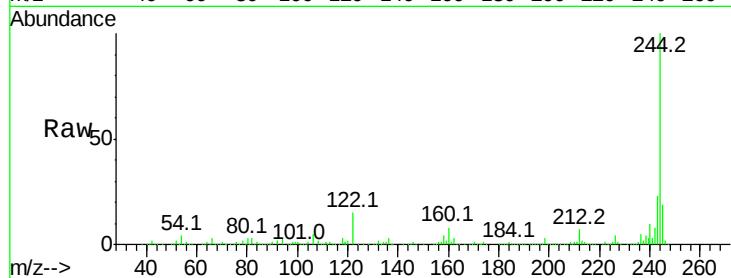
Tot Ion:244 Resp: 734138

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

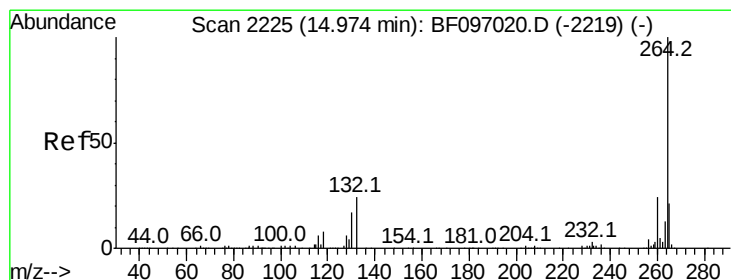
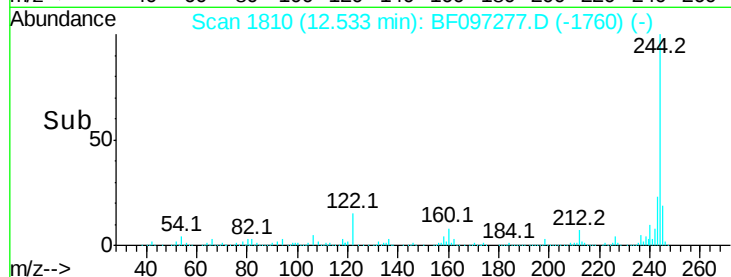
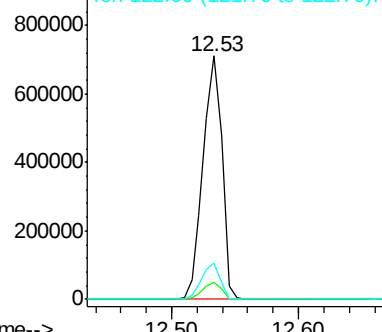
122 14.7 10.3 15.5



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: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097277.D

Acq: 2 Aug 2017 17:01

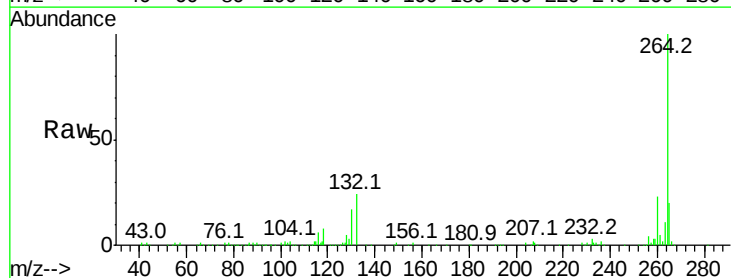
Tgt Ion:264 Resp: 207459

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 20.3 17.2 25.8



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

