

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\  
 Data File : BF091559.D  
 Acq On : 13 Dec 2016 17:40  
 Operator : UM/SJ  
 Sample : H5972-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1M-WBF-EME-05

Quant Time: Dec 14 01:03:31 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 09 19:00:21 2016  
 Response via : Initial Calibration

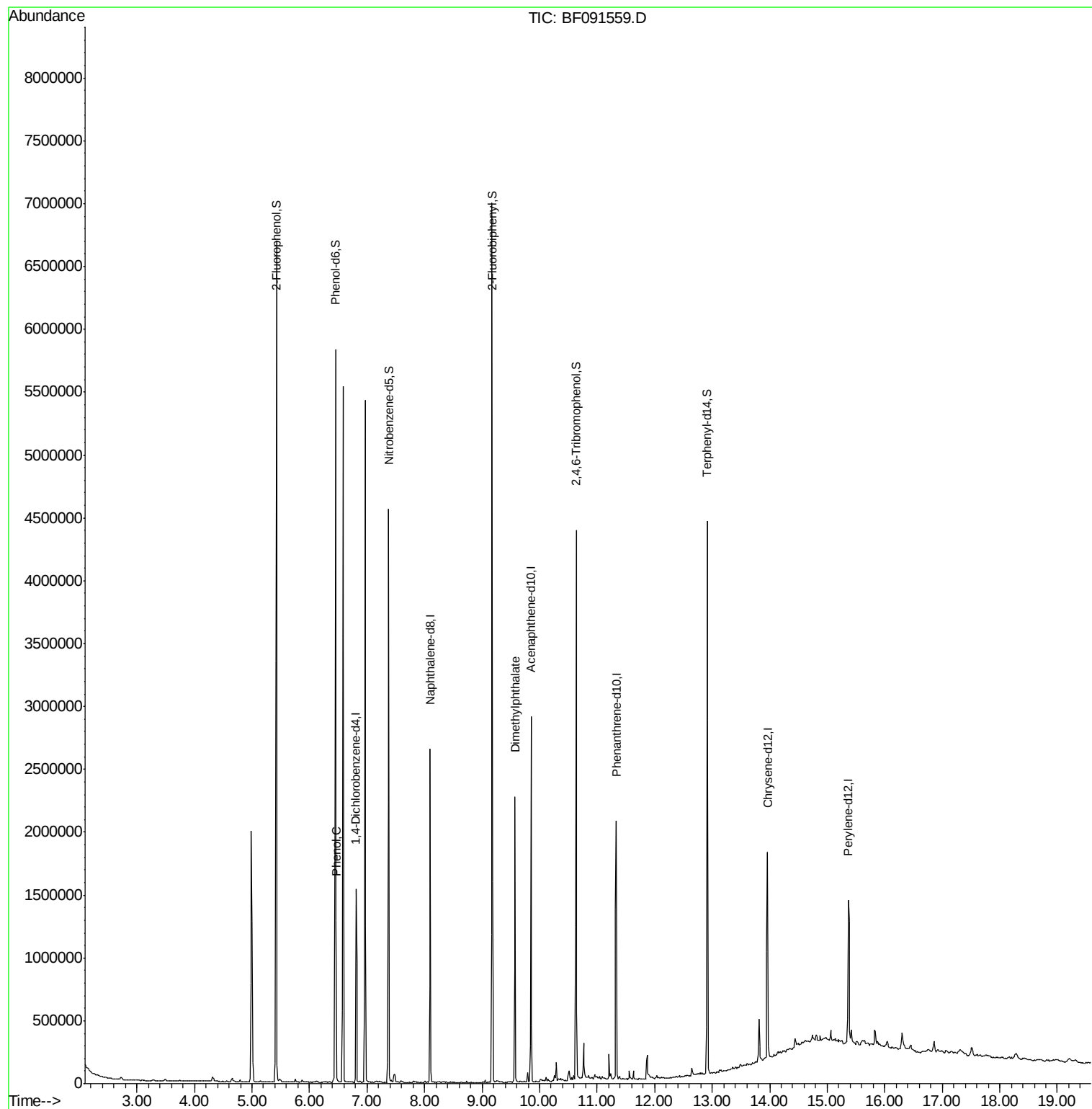
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 287048   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.10  | 136  | 1209600  | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.85  | 164  | 583589   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.33 | 188  | 954811   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.96 | 240  | 681463   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.37 | 264  | 631313   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 1968045  | 115.51 | ng    | 0.01     |
| 7) Phenol-d6                | 6.45  | 99   | 2157028  | 101.55 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 1708229  | 78.82  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 482612   | 99.56  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.17  | 172  | 2207087  | 65.35  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.91 | 244  | 1763506  | 58.72  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.46  | 94   | 53937    | 2.17   | ng    | 94       |
| 49) Dimethylphthalate       | 9.57  | 163  | 1022067  | 27.66  | ng    | 99       |

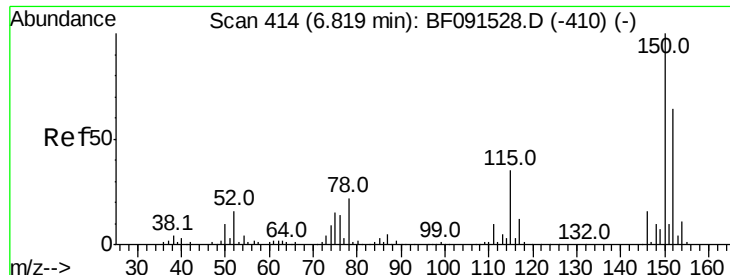
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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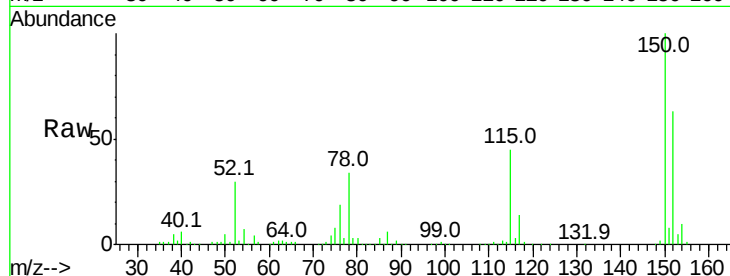


#1

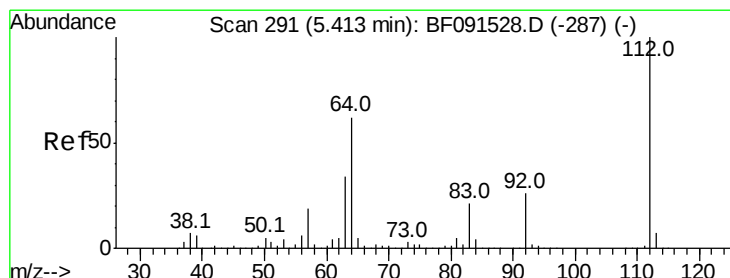
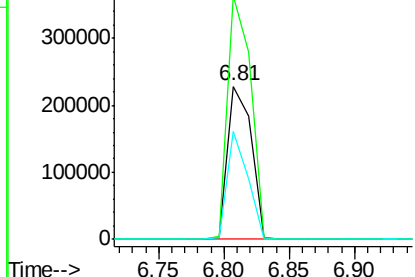
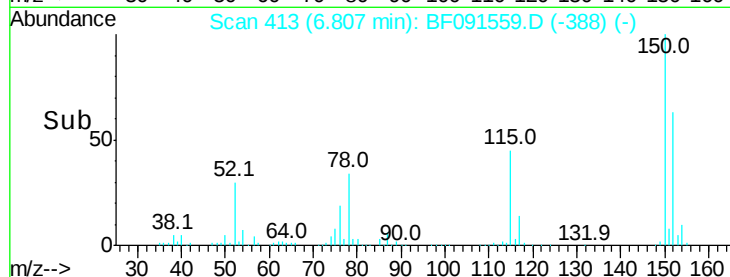
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.81 min Scan# 413  
Delta R.T. -0.01 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

Instrument :  
BNA\_F  
ClientSampleId :  
1M-WBF-EME-05

Tot Ion:152 Resp: 287048  
Ion Ratio Lower Upper  
152 100  
150 159.0 122.5 183.7  
115 70.9 51.8 77.8



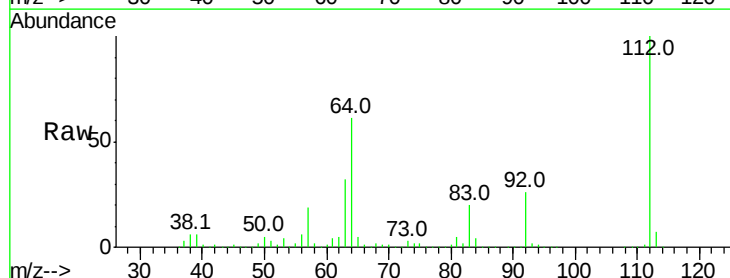
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



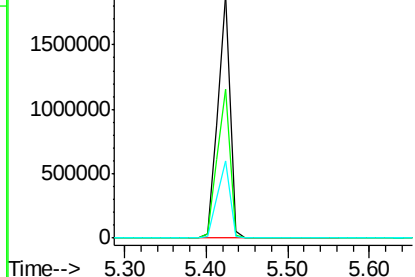
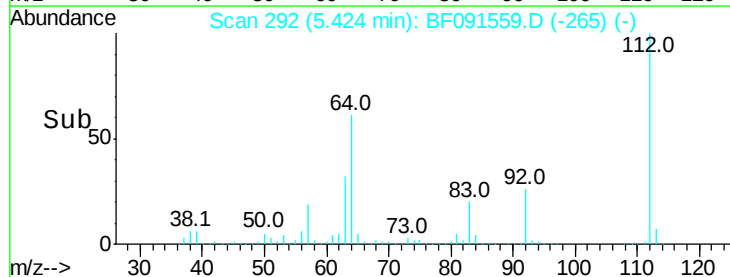
#5

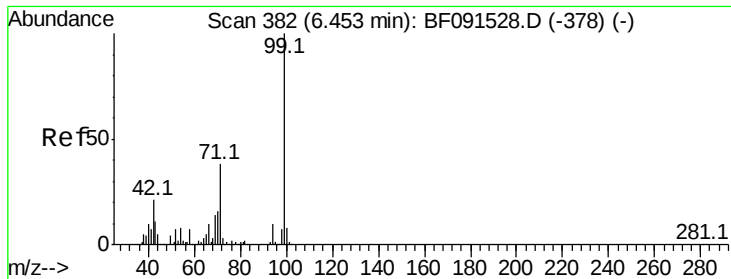
2-Fluorophenol  
Concen: 115.51 ng  
RT: 5.42 min Scan# 292  
Delta R.T. 0.01 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

Tgt Ion:112 Resp: 1968045  
Ion Ratio Lower Upper  
112 100  
64 61.4 61.5 92.3#  
63 31.8 33.3 49.9#



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: 101.55 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Instrument :

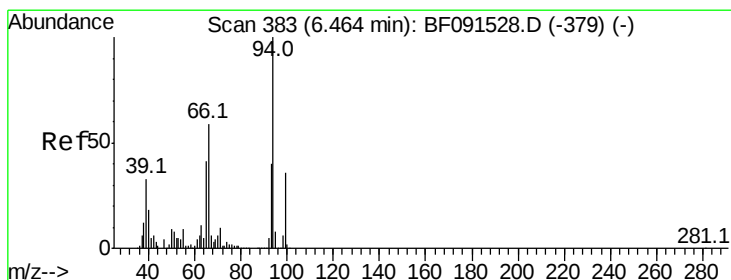
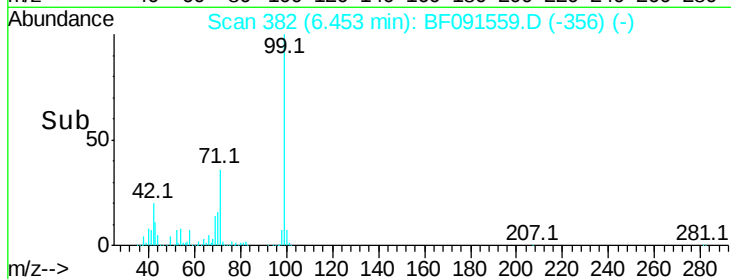
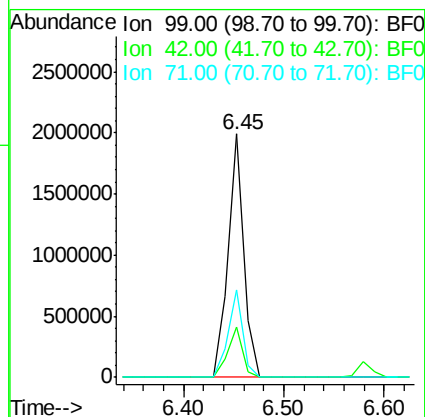
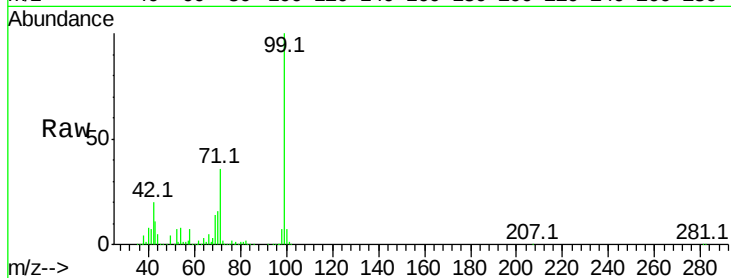
BNA\_F

ClientSampleId :

1M-WBF-EME-05

Tot Ion: 99 Resp: 2157028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.5  | 20.6  | 31.0# |
| 71  | 36.1  | 29.9  | 44.9  |



#10

Phenol

Concen: 2.17 ng

RT: 6.46 min Scan# 383

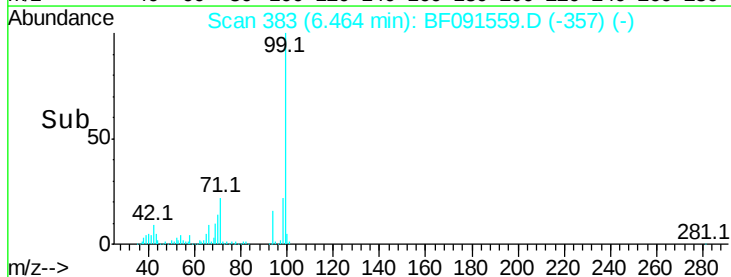
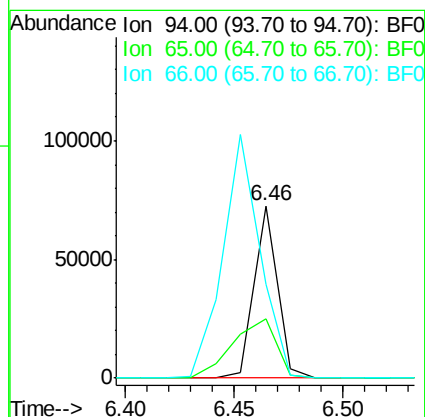
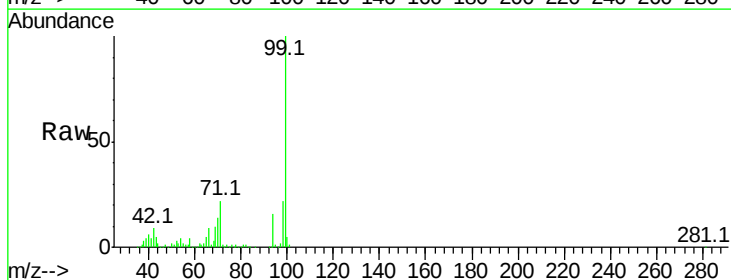
Delta R.T. -0.00 min

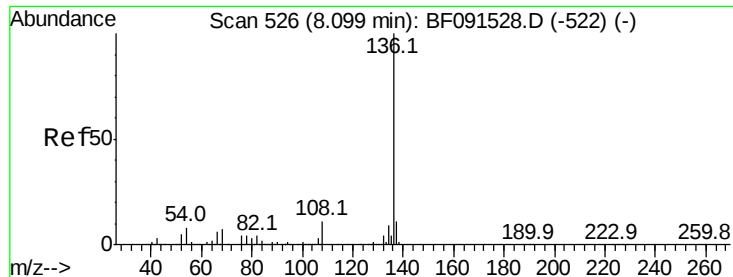
Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Tgt Ion: 94 Resp: 53937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 34.1  | 16.9  | 56.9  |
| 66  | 54.9  | 30.6  | 70.6  |

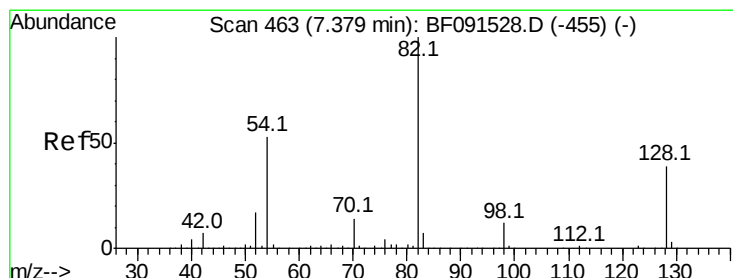
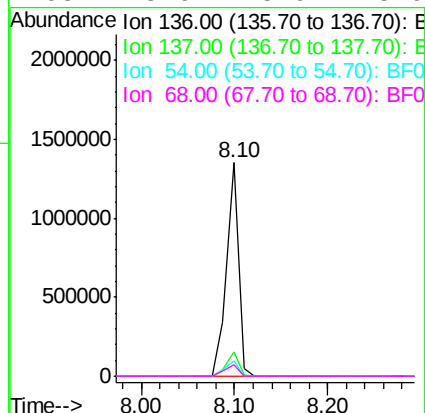
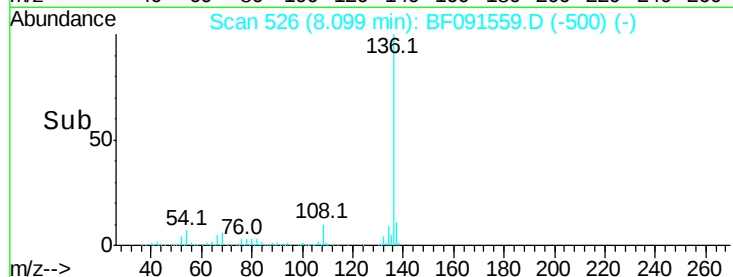
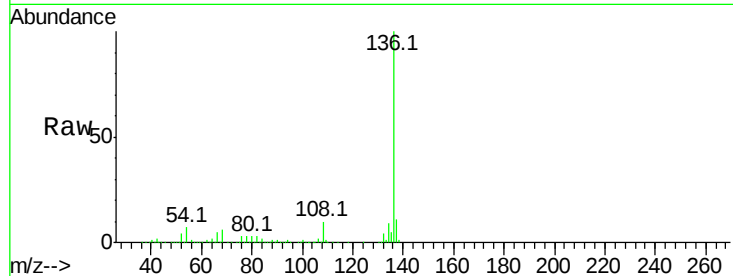




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.10 min Scan# 526  
Delta R.T. -0.00 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

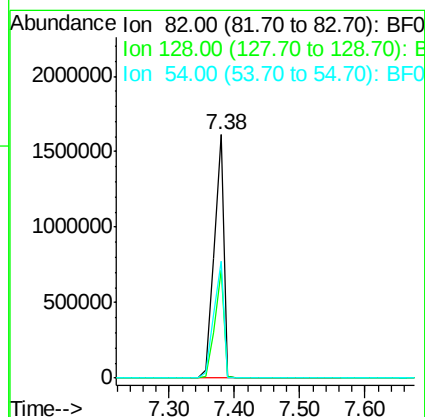
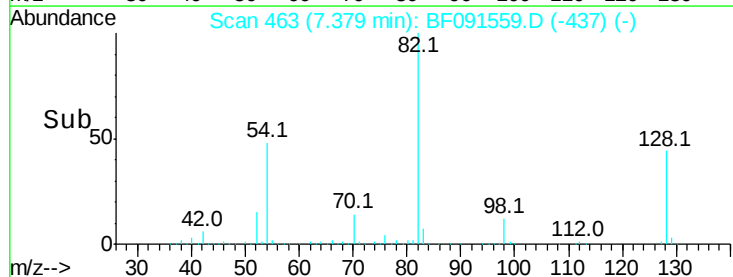
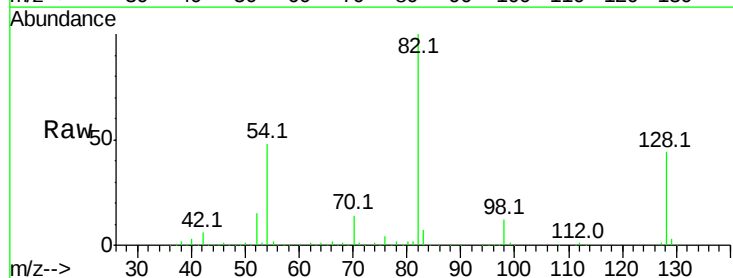
Instrument :  
BNA\_F  
ClientSampleId :  
1M-WBF-EME-05

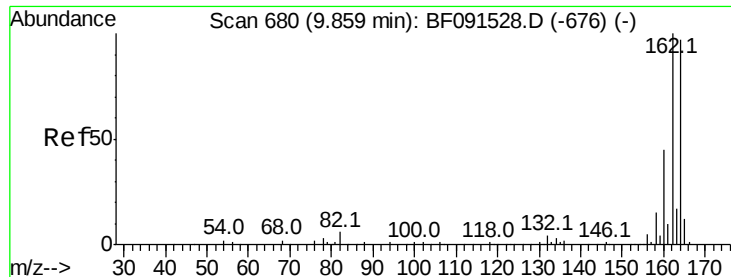
Tot Ion:136 Resp: 1209600  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 6.9 9.1 13.7#  
68 5.6 5.9 8.9#



#23  
Nitrobenzene-d5  
Concen: 78.82 ng  
RT: 7.38 min Scan# 463  
Delta R.T. -0.00 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

Tgt Ion: 82 Resp: 1708229  
Ion Ratio Lower Upper  
82 100  
128 44.3 31.8 47.6  
54 48.2 49.1 73.7#

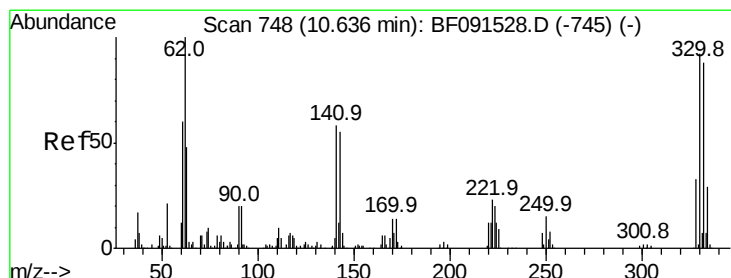
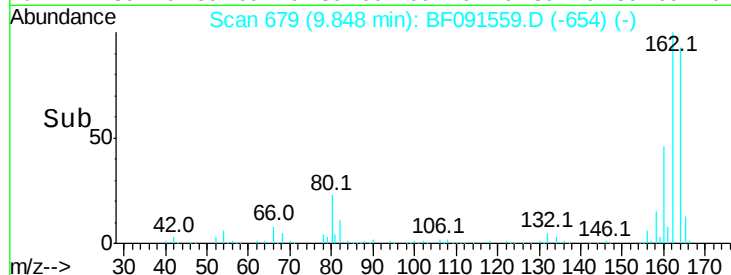
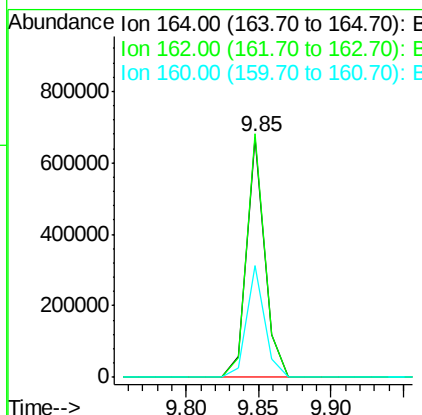
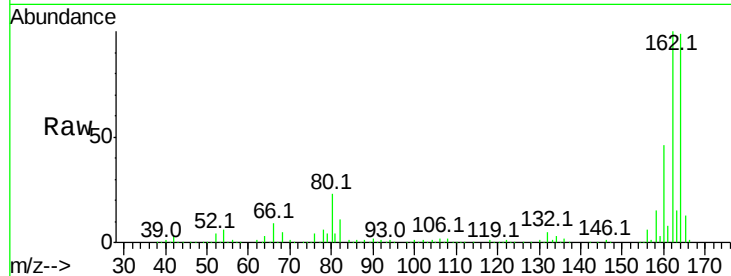




#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.85 min Scan# 679  
Delta R.T. -0.01 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

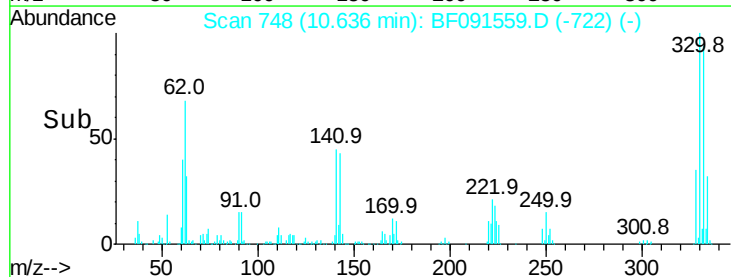
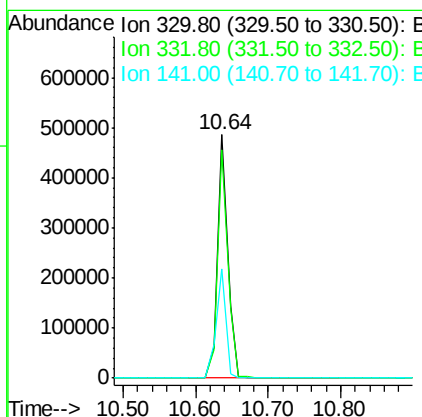
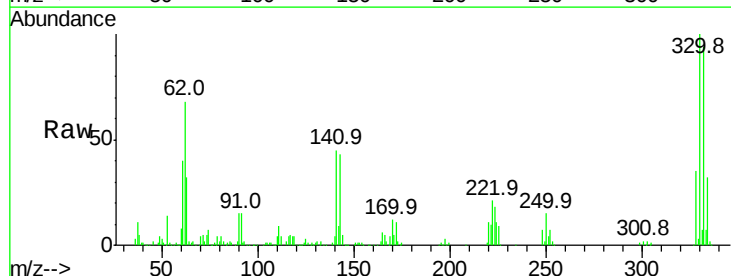
Instrument :  
BNA\_F  
ClientSampleId :  
1M-WBF-EME-05

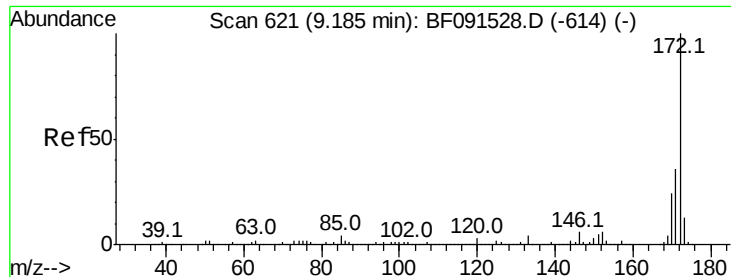
Tot Ion:164 Resp: 583589  
Ion Ratio Lower Upper  
164 100  
162 101.5 82.6 124.0  
160 46.8 36.7 55.1



#41  
2,4,6-Tribromophenol  
Concen: 99.56 ng  
RT: 10.64 min Scan# 748  
Delta R.T. -0.00 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

Tgt Ion:330 Resp: 482612  
Ion Ratio Lower Upper  
330 100  
332 94.5 76.2 114.4  
141 42.8 33.6 50.4





#44

2-Fluorobiphenyl

Concen: 65.35 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Instrument :

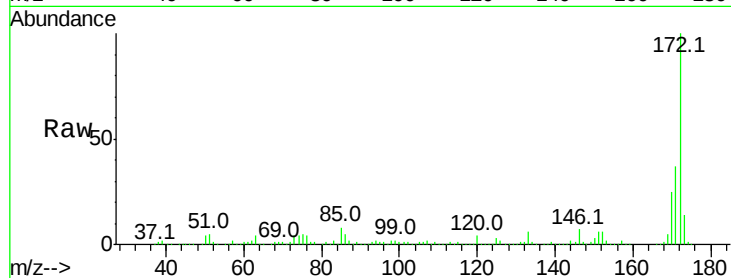
BNA\_F

ClientSampleId :

1M-WBF-EME-05

Tot Ion:172 Resp: 2207087

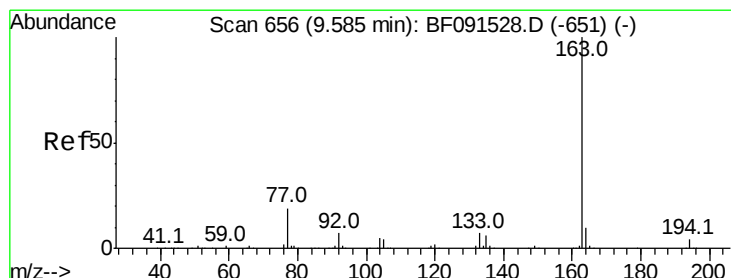
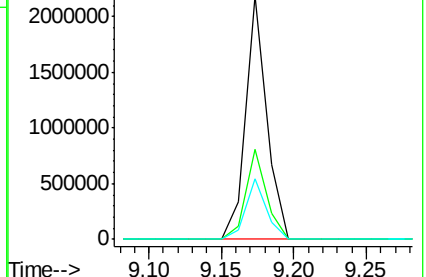
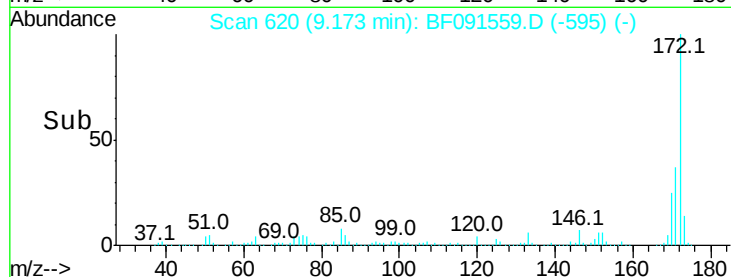
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.1  | 29.4  | 44.0  |
| 170 | 25.1  | 19.7  | 29.5  |



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: 27.66 ng

RT: 9.57 min Scan# 655

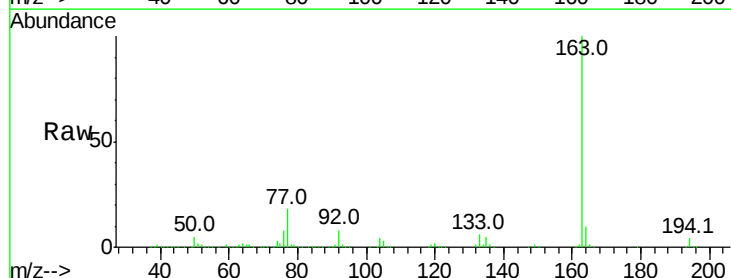
Delta R.T. -0.01 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Tgt Ion:163 Resp: 1022067

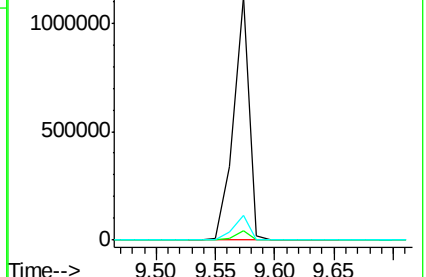
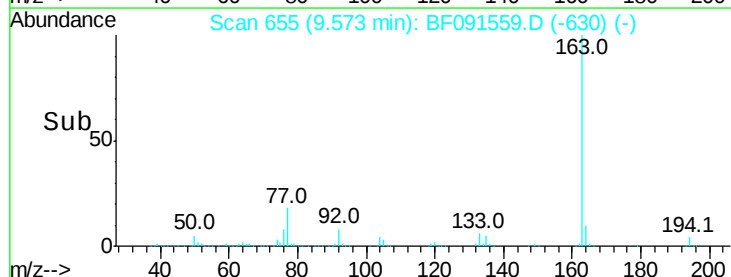
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.6   | 3.0   | 4.4   |
| 164 | 10.0  | 7.8   | 11.8  |

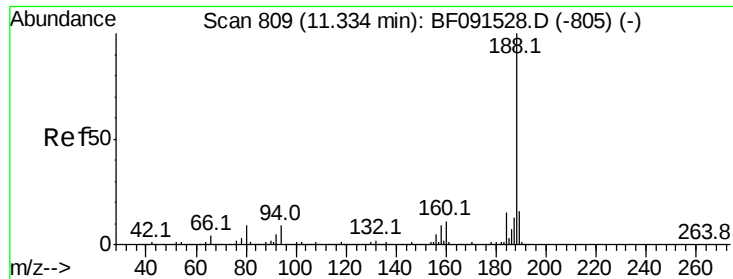


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

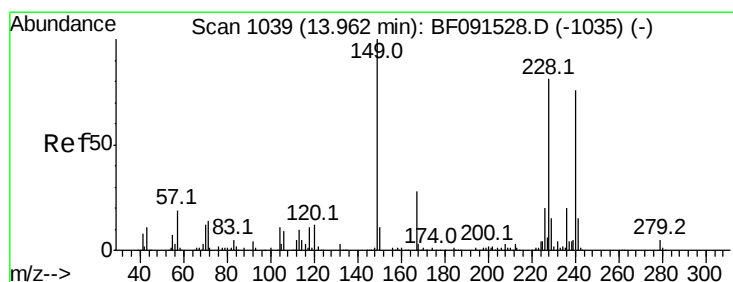
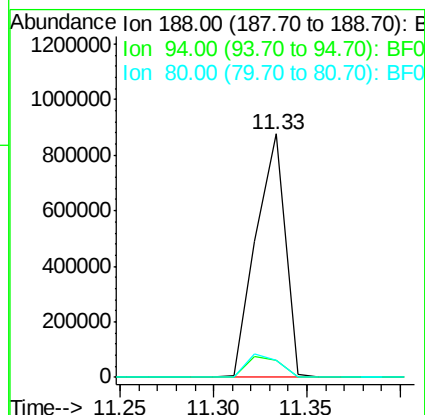
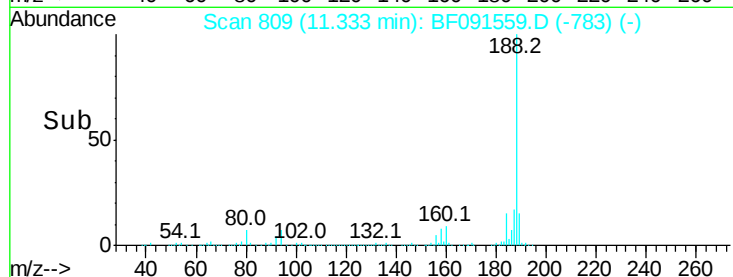
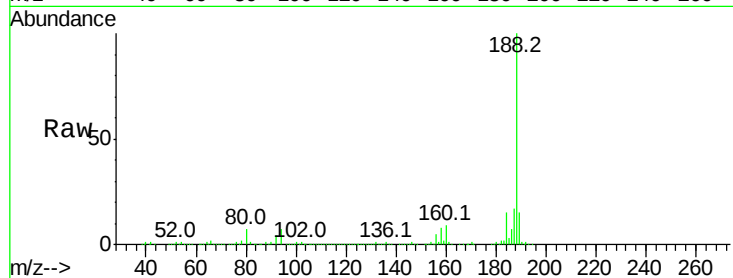




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.33 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

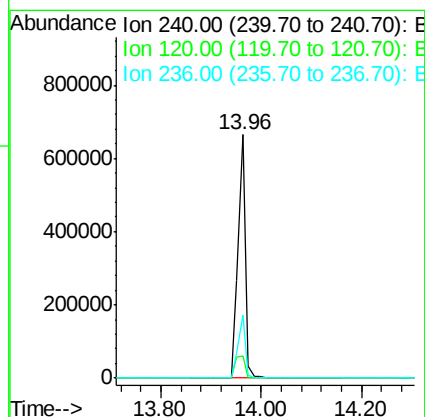
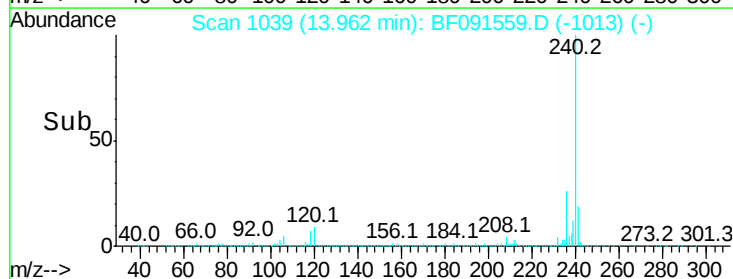
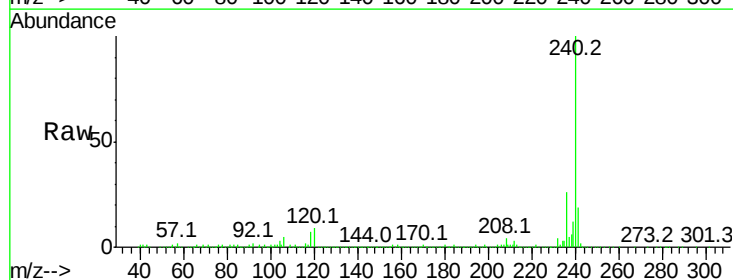
Instrument :  
BNA\_F  
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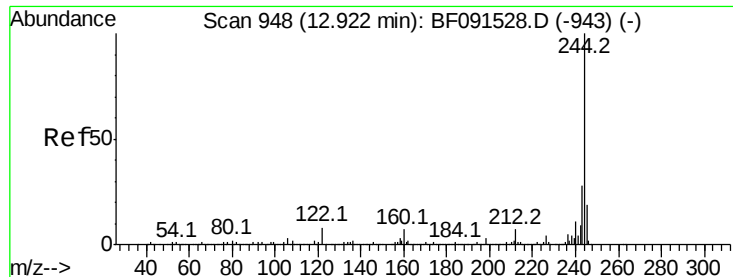
Tot Ion:188 Resp: 954811  
Ion Ratio Lower Upper  
188 100  
94 7.1 9.2 13.8#  
80 7.2 10.5 15.7#



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.96 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BF091559.D  
Acq: 13 Dec 2016 17:40

Tgt Ion:240 Resp: 681463  
Ion Ratio Lower Upper  
240 100  
120 9.0 12.1 18.1#  
236 25.8 21.0 31.6





#78

Terphenyl-d14

Concen: 58.72 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

Instrument :

BNA\_F

ClientSampleId :

1M-WBF-EME-05

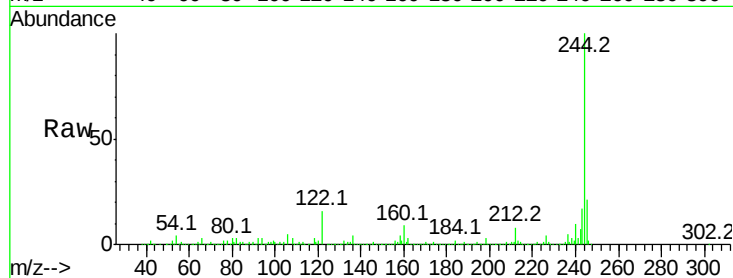
Tot Ion:244 Resp: 1763506

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

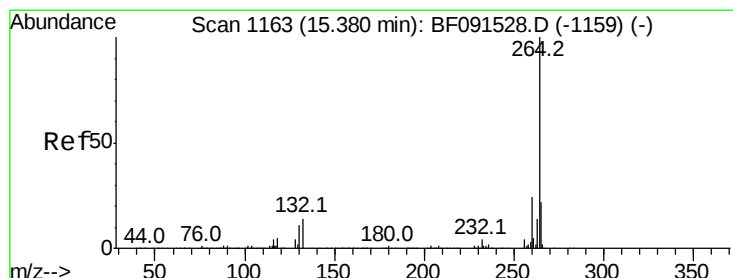
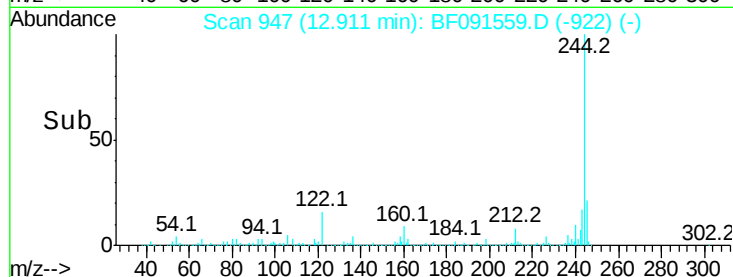
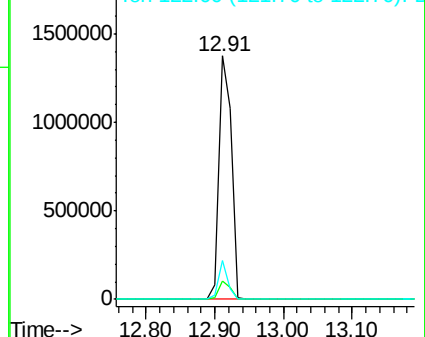
122 15.7 9.5 14.3#



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: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF091559.D

Acq: 13 Dec 2016 17:40

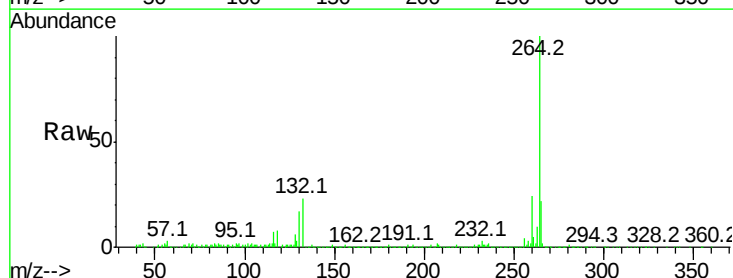
Tgt Ion:264 Resp: 631313

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.4 17.0 25.6



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

