

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\  
 Data File : BF098415.D  
 Acq On : 11 Sep 2017 21:20  
 Operator : SJ/JU  
 Sample : I5138-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

Quant Time: Sep 12 02:32:40 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 11 19:42:20 2017  
 Response via : Initial Calibration

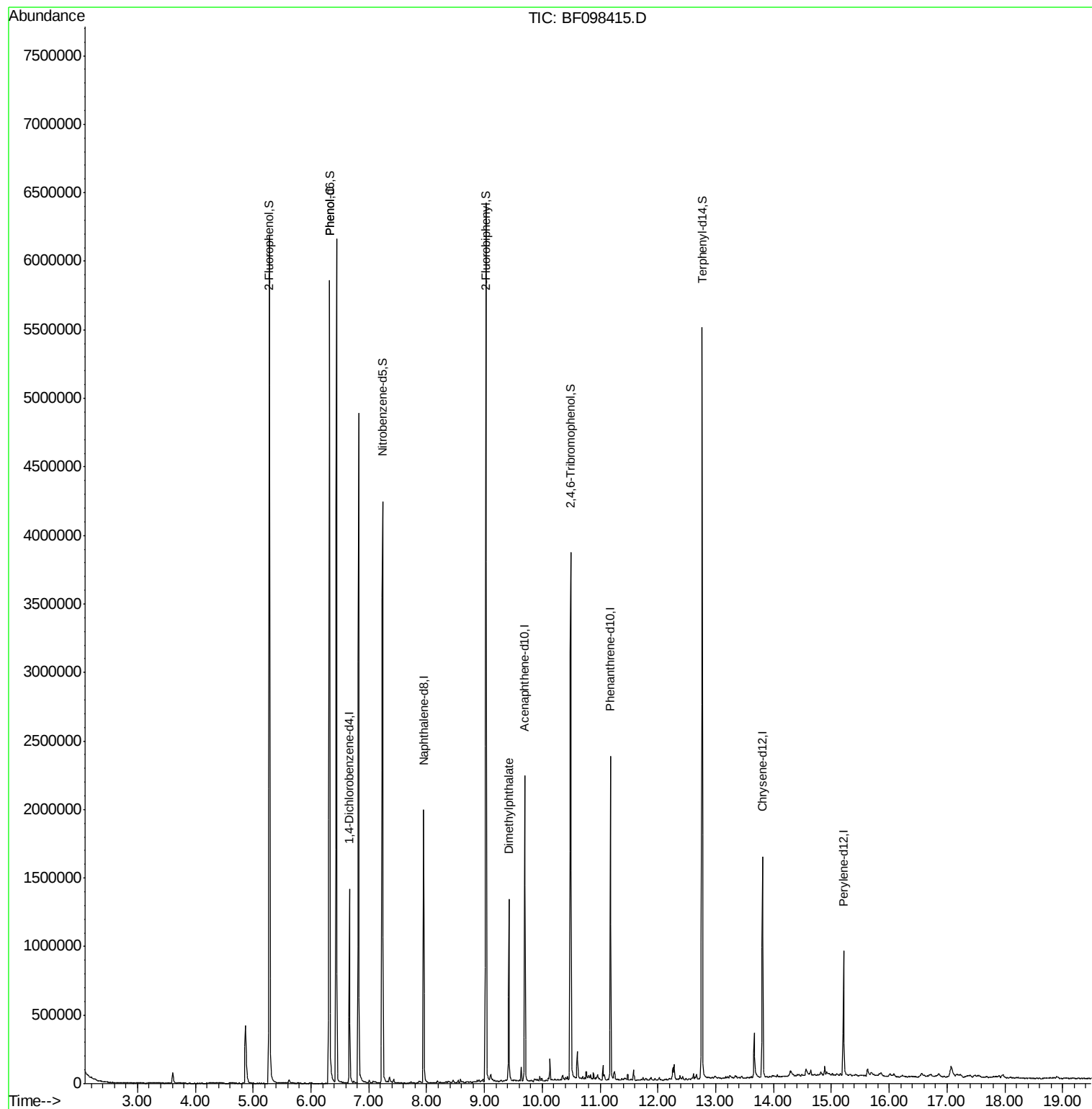
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.67  | 152  | 208271   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 7.95  | 136  | 871220   | 20.00  | ng    | 0.00        |
| 38) Acenaphthene-d10        | 9.70  | 164  | 400516   | 20.00  | ng    | 0.00        |
| 63) Phenanthrene-d10        | 11.18 | 188  | 727462   | 20.00  | ng    | 0.00        |
| 75) Chrysene-d12            | 13.81 | 240  | 475103   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 15.21 | 264  | 346389   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.28  | 112  | 1895358  | 134.55 | ng    | 0.00        |
| 7) Phenol-d6                | 6.32  | 99   | 2370934  | 132.57 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.24  | 82   | 1493970  | 95.60  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.49 | 330  | 420679   | 157.37 | ng    | 0.00        |
| 44) 2-Fluorobiphenyl        | 9.03  | 172  | 2157491  | 91.30  | ng    | 0.00        |
| 78) Terphenyl-d14           | 12.77 | 244  | 1791409  | 81.39  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.33  | 94   | 93618    | 4.507  | ng    | Qvalue # 63 |
| 49) Dimethylphthalate       | 9.42  | 163  | 450102   | 14.518 | ng    | 100         |

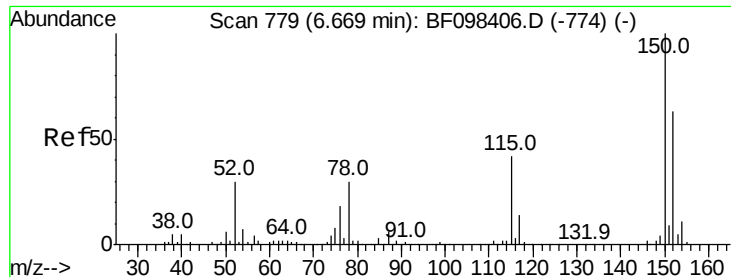
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\  
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-UTS-TS001-01

Quant Time: Sep 12 02:32:40 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 11 19:42:20 2017  
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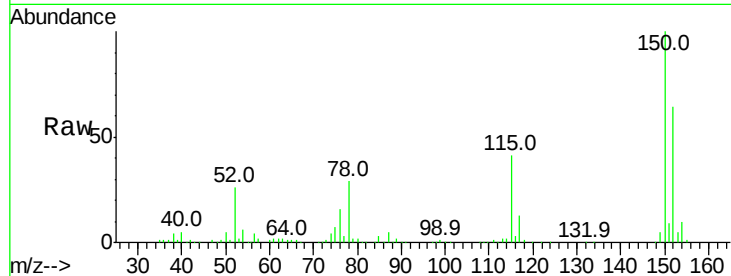


#1

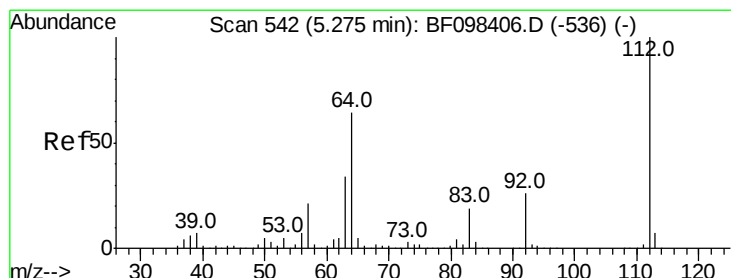
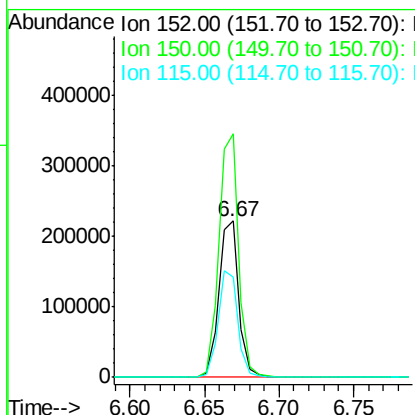
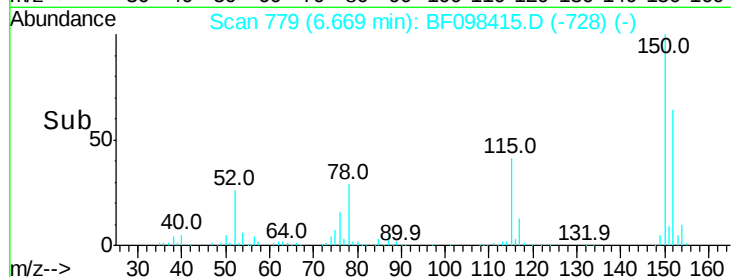
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.67 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

Tot Ion:152 Resp: 208271  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 126.2 189.2  
 115 63.7 52.2 78.2



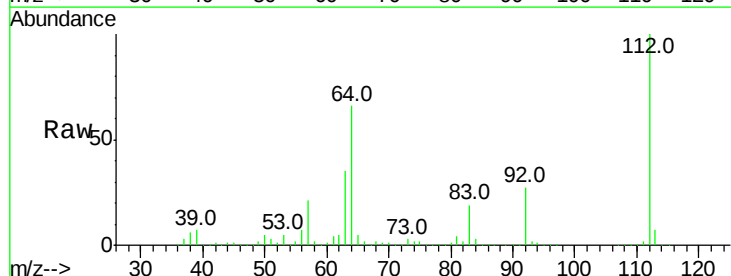
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



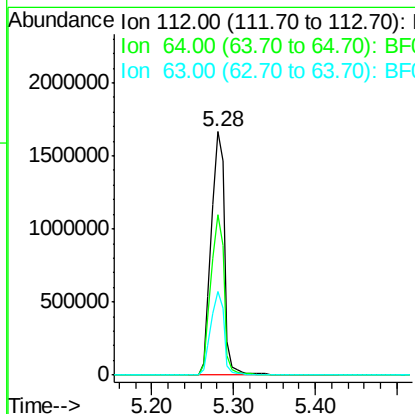
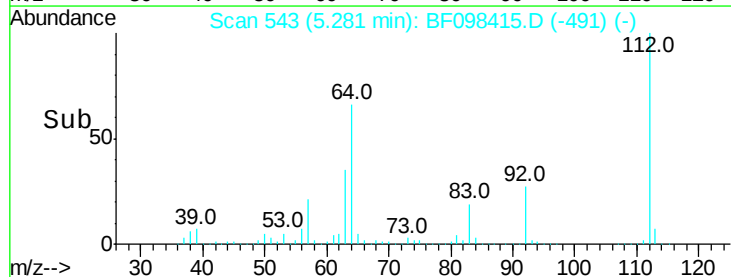
#5

2-Fluorophenol  
 Concen: 134.552 ng  
 RT: 5.28 min Scan# 543  
 Delta R.T. 0.01 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Tgt Ion:112 Resp: 1895358  
 Ion Ratio Lower Upper  
 112 100  
 64 66.0 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: 132.565 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

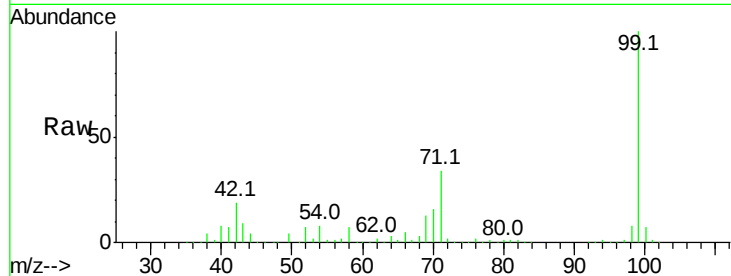
Tot Ion: 99 Resp: 2370934

Ion Ratio Lower Upper

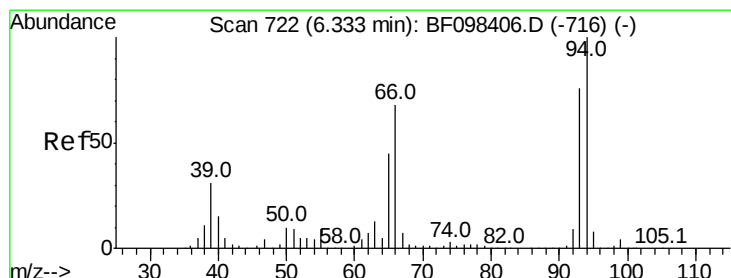
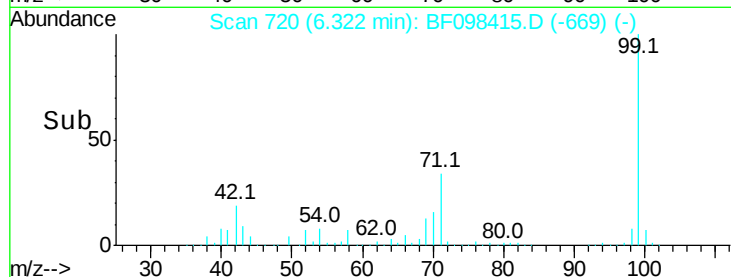
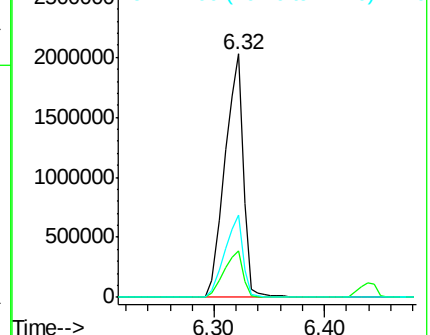
99 100

42 18.9 13.5 20.3

71 33.7 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: 4.507 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

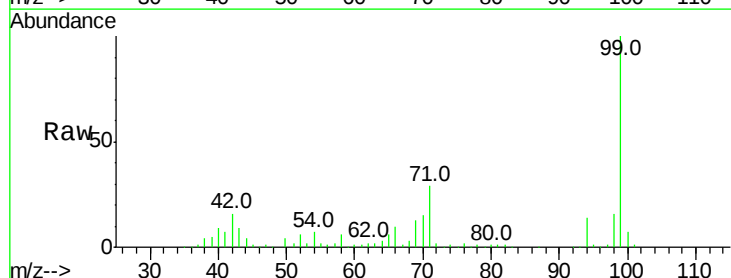
Tgt Ion: 94 Resp: 93618

Ion Ratio Lower Upper

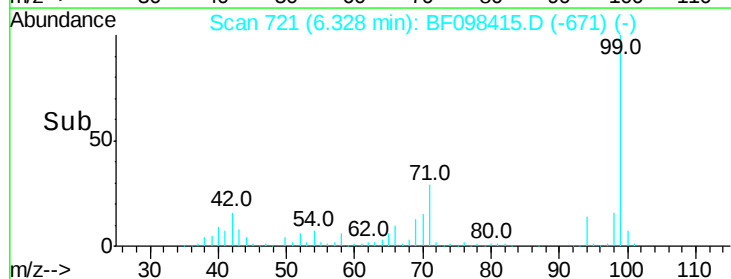
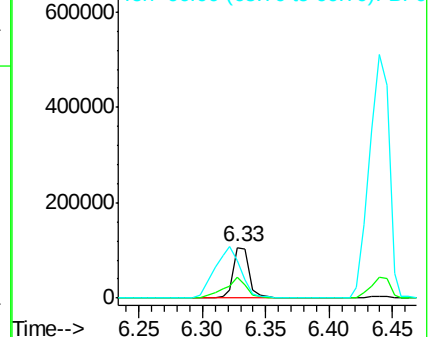
94 100

65 41.0 9.9 49.9

66 73.7 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

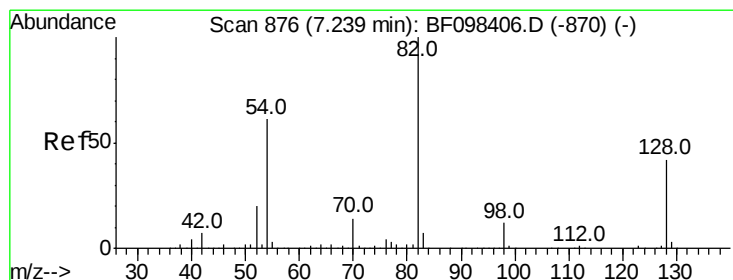
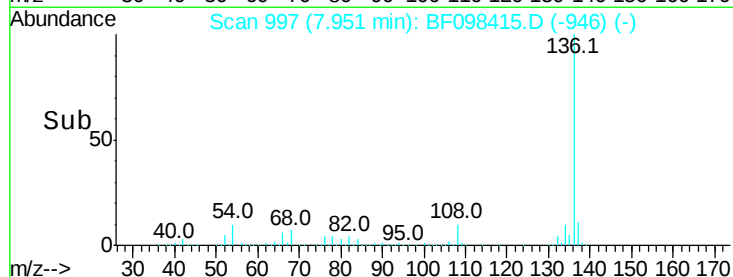
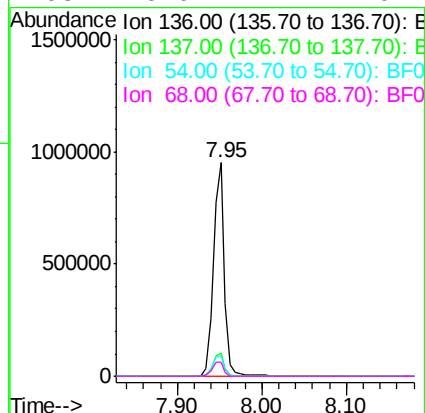
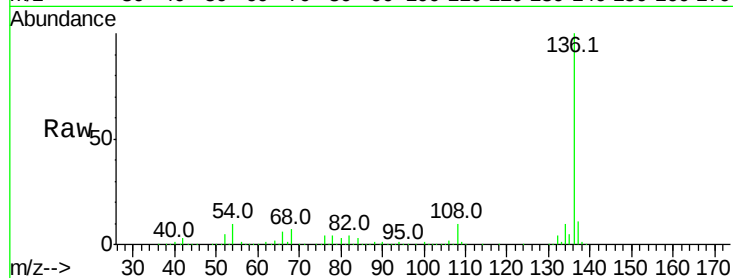




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

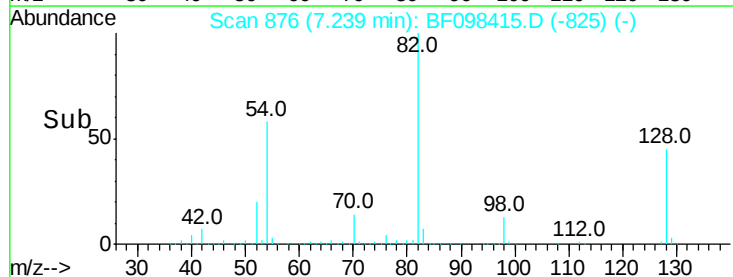
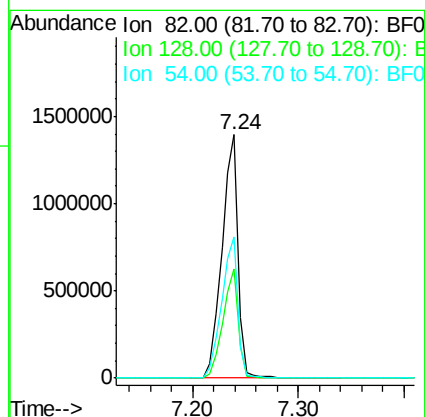
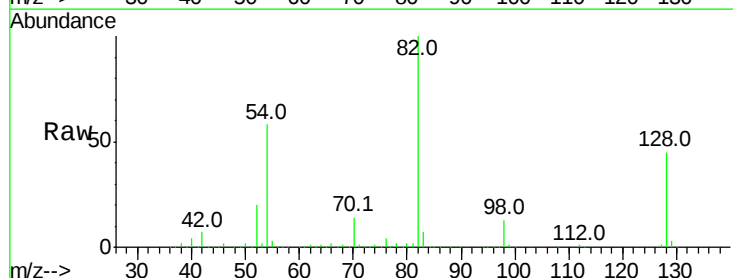
Instrument :  
BNA\_F  
ClientSampleId :  
EME-UTS-TS001-01

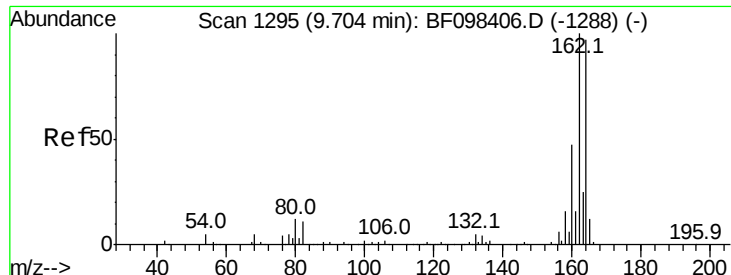
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 871220 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.5   | 12.7   |
| 54       | 9.7   | 4.9   | 7.3#   |
| 68       | 6.9   | 4.1   | 6.1#   |



#23  
Nitrobenzene-d5  
Concen: 95.600 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.00 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1493970 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 45.0  | 34.0  | 51.0    |
| 54       | 57.9  | 42.2  | 63.2    |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

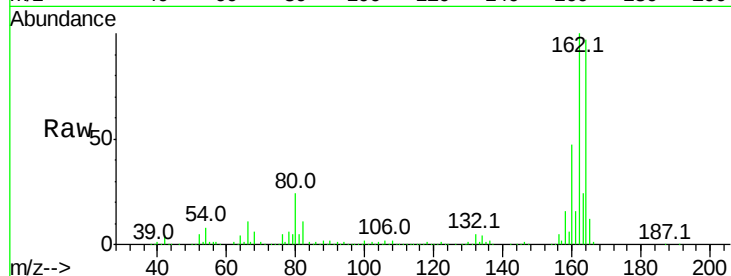
Tot Ion:164 Resp: 400516

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

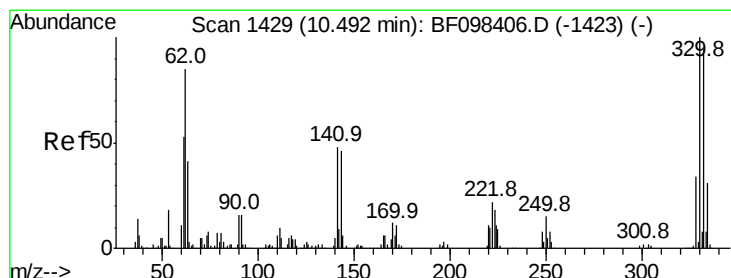
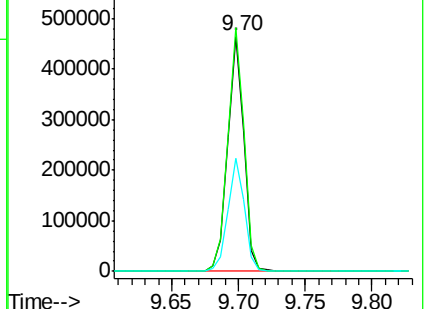
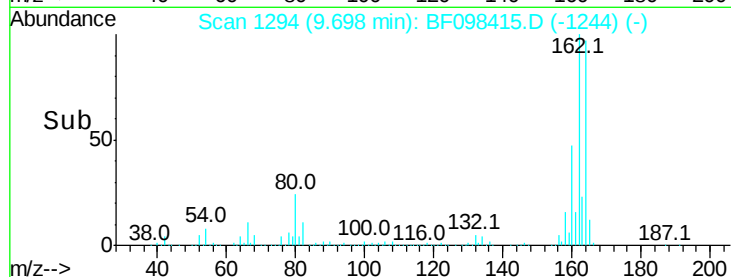
160 48.3 36.2 54.2



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: 157.374 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

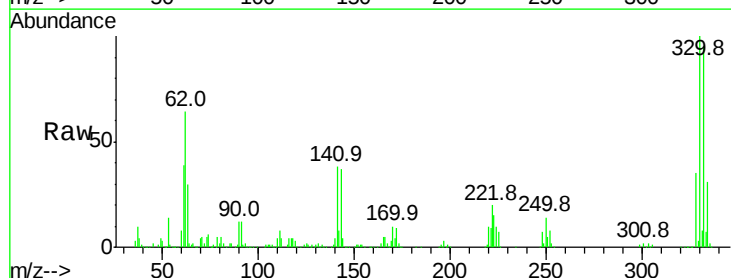
Tgt Ion:330 Resp: 420679

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

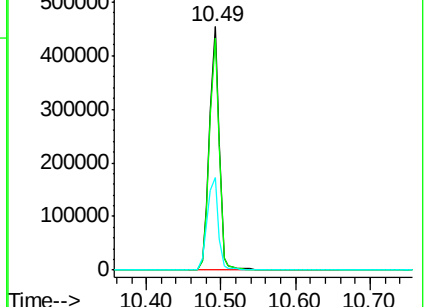
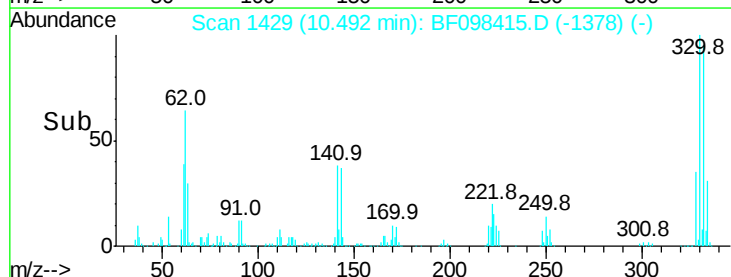
141 43.0 31.4 47.2

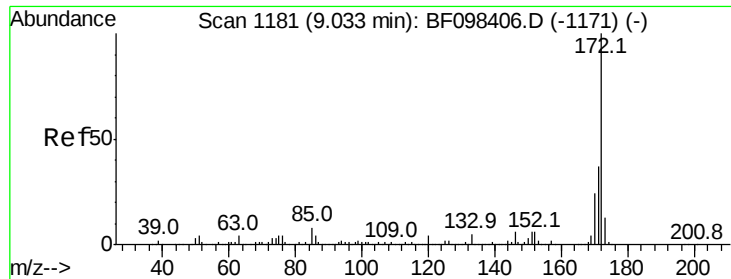


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

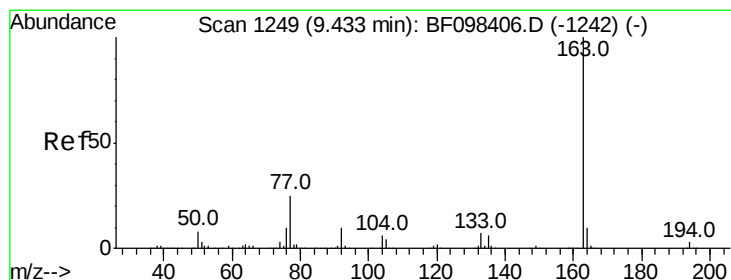
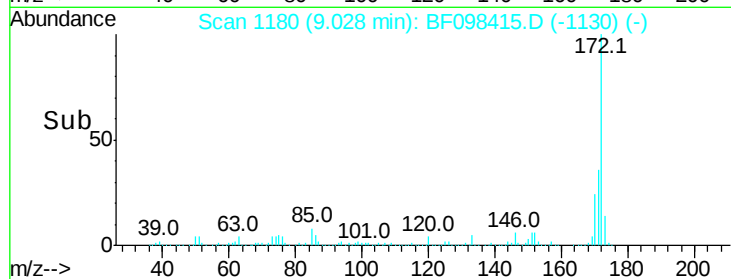
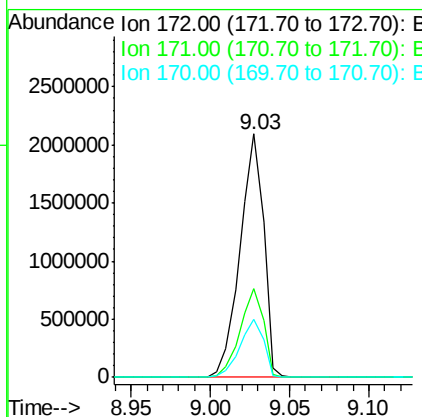
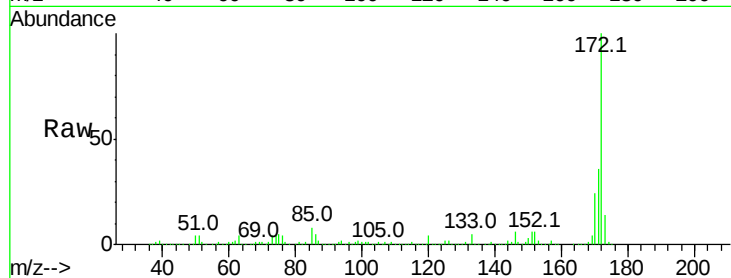




#44  
2-Fluorobiphenyl  
Concen: 91.301 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

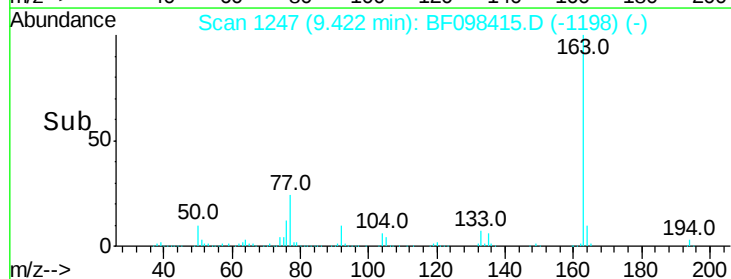
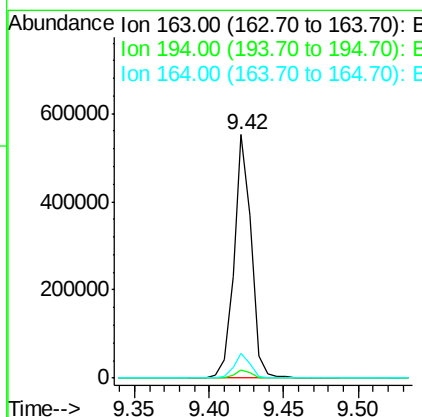
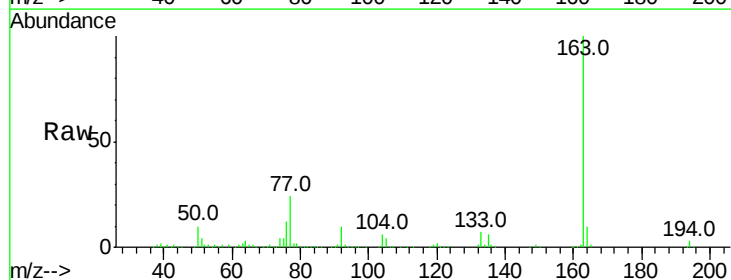
Instrument :  
BNA\_F  
ClientSampleId :  
EME-UTS-TS001-01

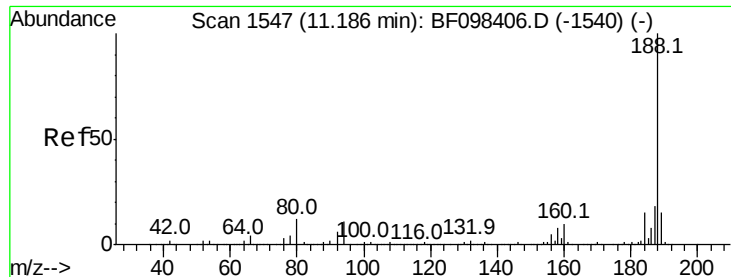
Tot Ion:172 Resp: 2157491  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.6 44.4  
170 23.9 19.8 29.8



#49  
Dimethylphthalate  
Concen: 14.518 ng  
RT: 9.42 min Scan# 1247  
Delta R.T. -0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion:163 Resp: 450102  
Ion Ratio Lower Upper  
163 100  
194 3.2 2.6 4.0  
164 10.3 8.4 12.6

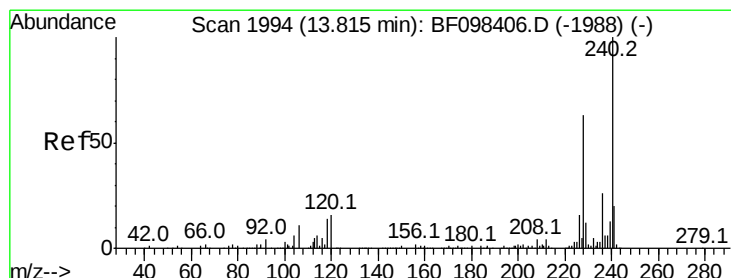
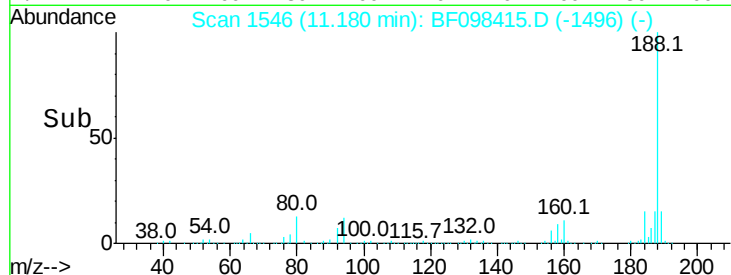
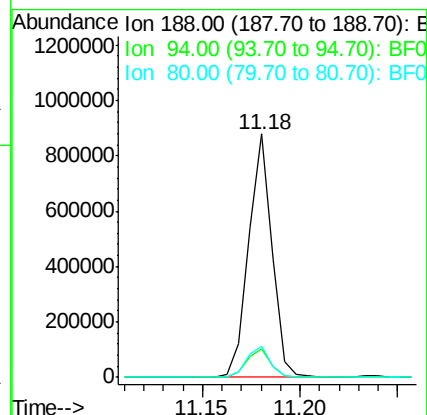
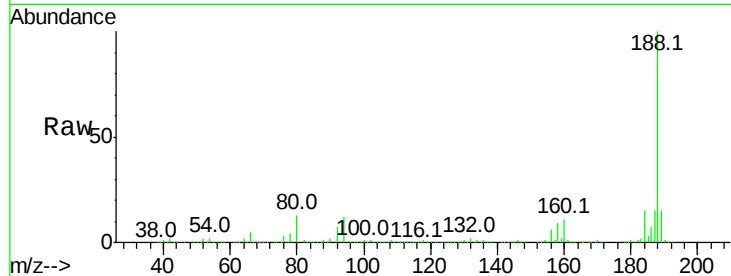




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.18 min Scan# 1546  
 Delta R.T. -0.01 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

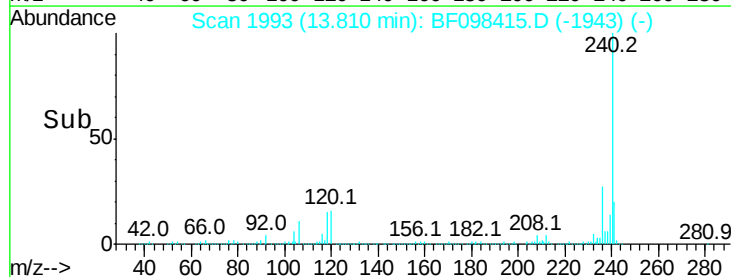
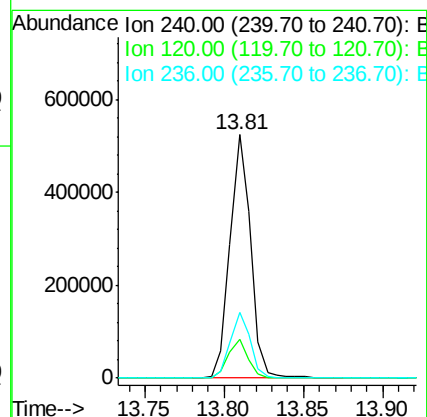
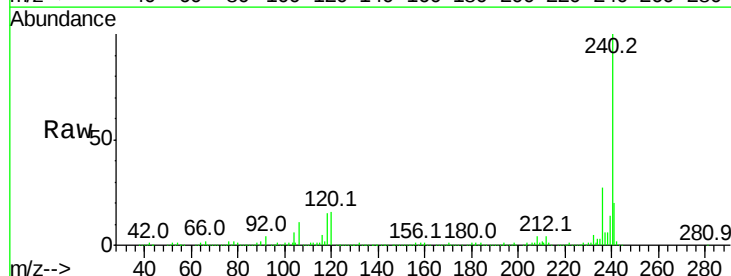
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

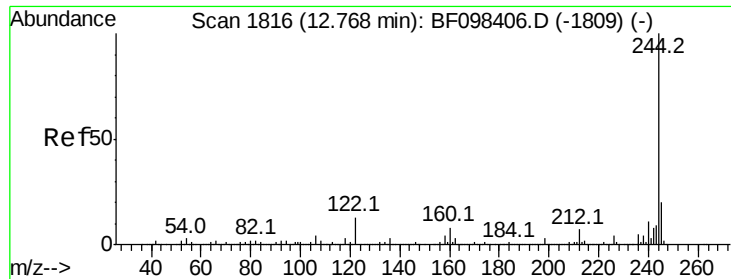
Tot Ion:188 Resp: 727462  
 Ion Ratio Lower Upper  
 188 100  
 94 11.8 9.4 14.2  
 80 12.9 10.2 15.2



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.81 min Scan# 1993  
 Delta R.T. -0.01 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Tgt Ion:240 Resp: 475103  
 Ion Ratio Lower Upper  
 240 100  
 120 15.8 5.8 8.8#  
 236 27.0 20.5 30.7





#78

Terphenyl-d14

Concen: 81.386 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

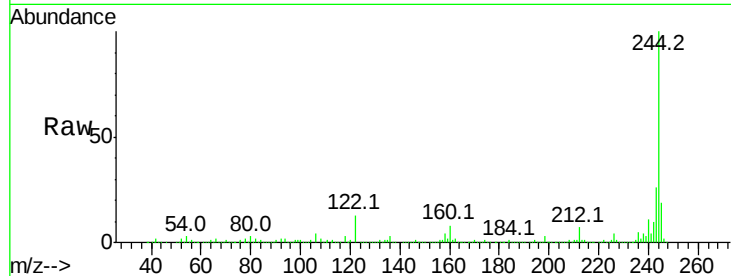
Tot Ion:244 Resp: 1791409

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

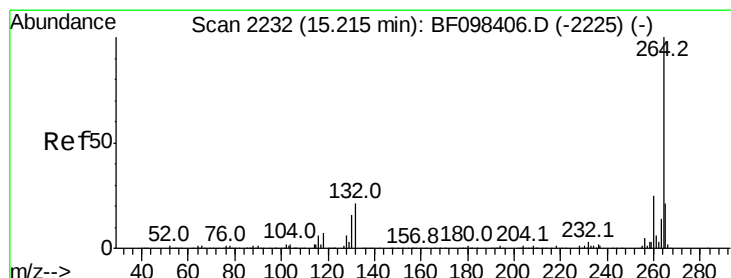
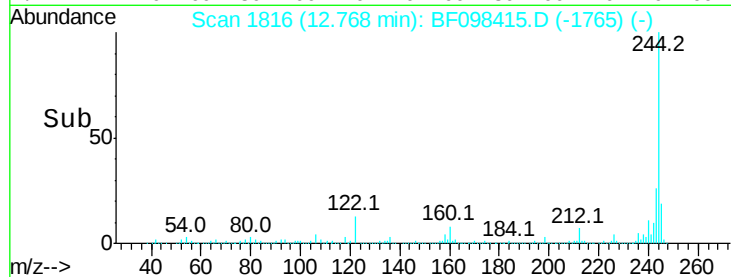
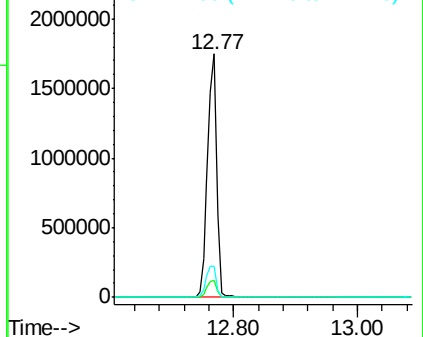
122 12.9 10.3 15.5



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: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

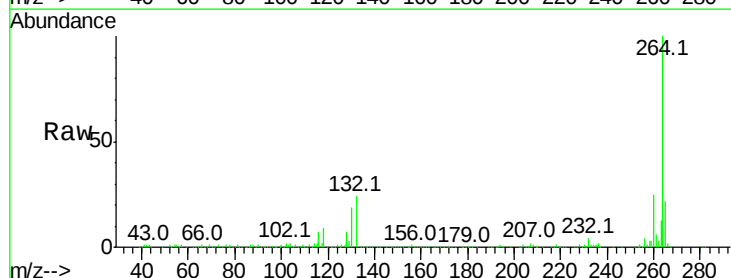
Tgt Ion:264 Resp: 346389

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 22.1 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

