

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
 Data File : BF092443.D  
 Acq On : 24 Jan 2017 21:51  
 Operator : UM/SJ  
 Sample : I1363-07  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BLDG-1-FLOOR-COMP

Quant Time: Jan 25 00:19:14 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 13:48:07 2017  
 Response via : Initial Calibration

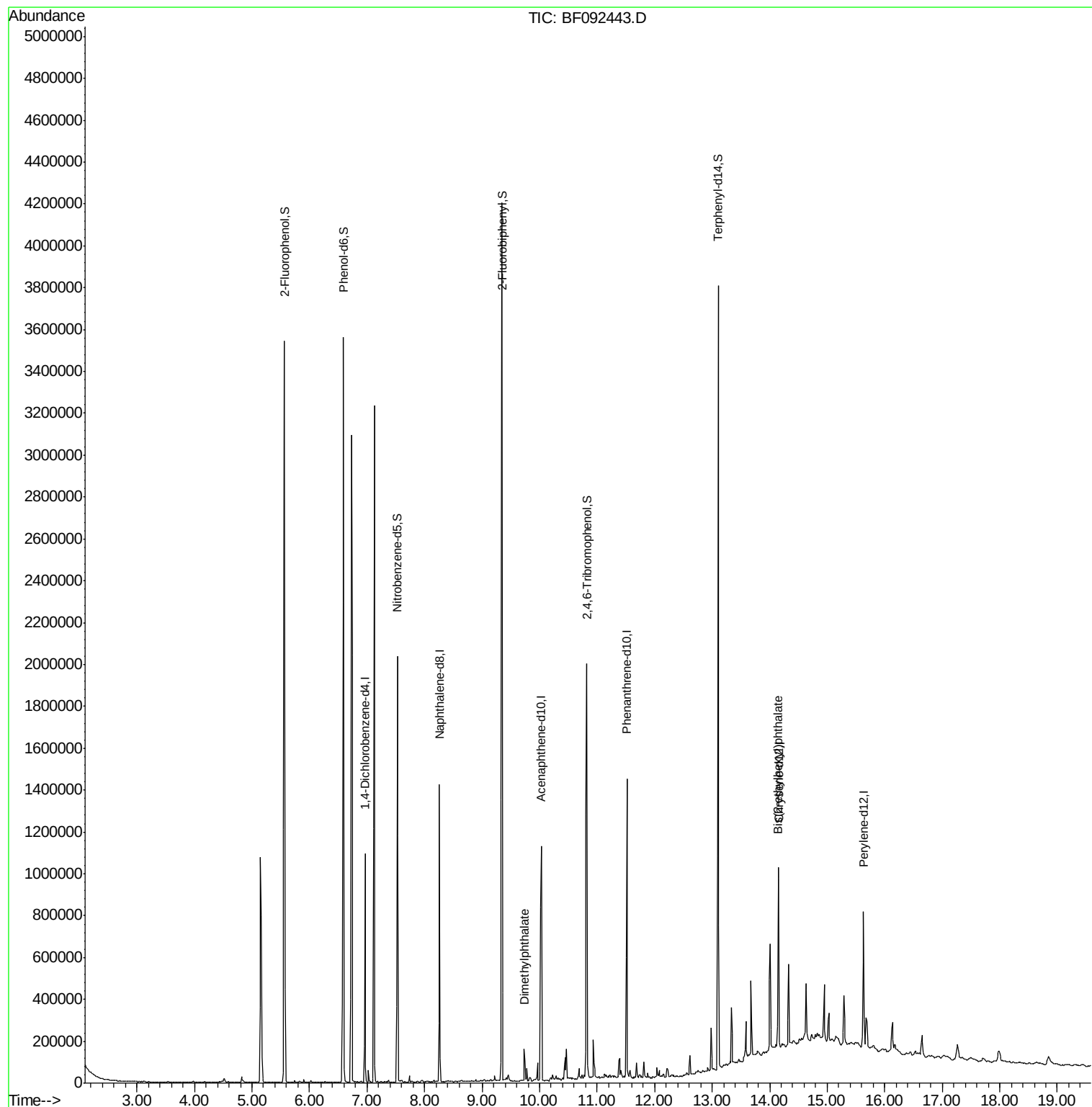
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.97  | 152  | 147408   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.26  | 136  | 595761   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10           | 10.03 | 164  | 326444   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.52 | 188  | 560487   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 14.16 | 240  | 419166   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12               | 15.63 | 264  | 314653   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.56  | 112  | 977518   | 103.17 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.59  | 99   | 1478208  | 122.49 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.53  | 82   | 817579   | 74.96  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.82 | 330  | 258665   | 116.28 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.34  | 172  | 1359788  | 77.03  | ng    | -0.01    |
| 78) Terphenyl-d14              | 13.10 | 244  | 1206135  | 76.62  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       |          |
| 49) Dimethylphthalate          | 9.73  | 163  | 77238    | 3.72   | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.15 | 149  | 33287    | 2.15   | ng    | # 96     |

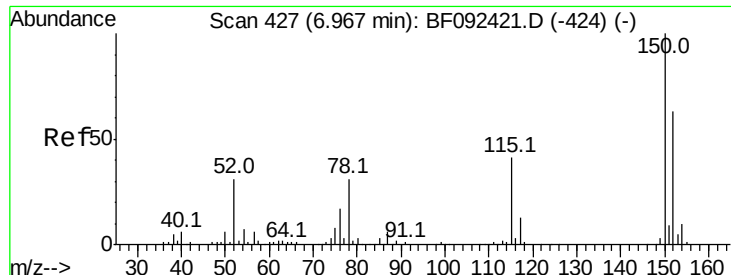
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

Instrument :

BNA\_F

ClientSampleId :

BLDG-1-FLOOR-COMP

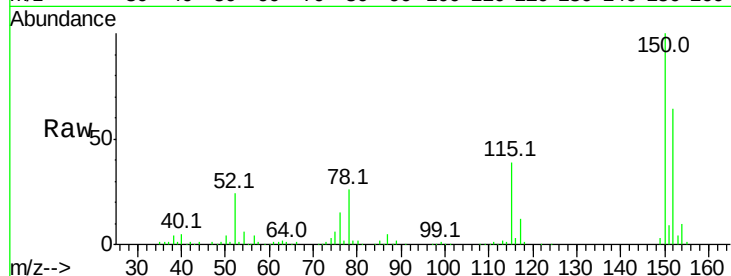
Tot Ion:152 Resp: 147408

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

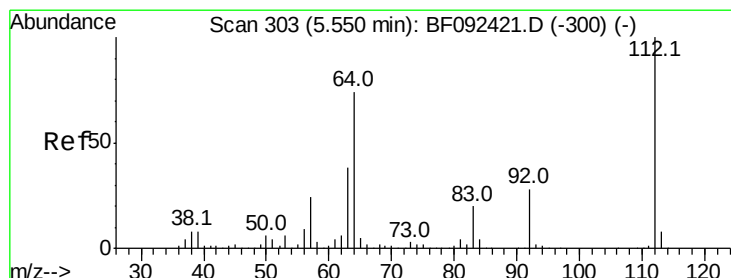
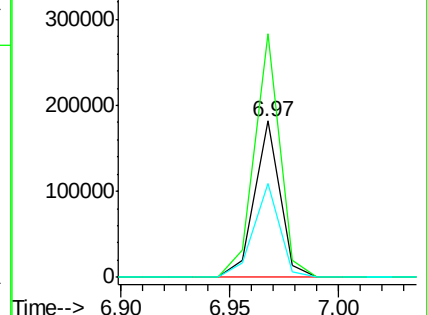
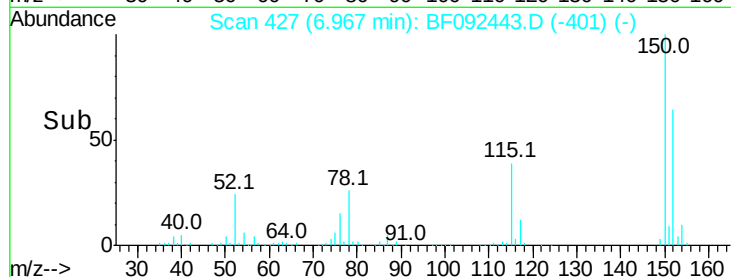
115 60.3 46.0 69.0



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: 103.17 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

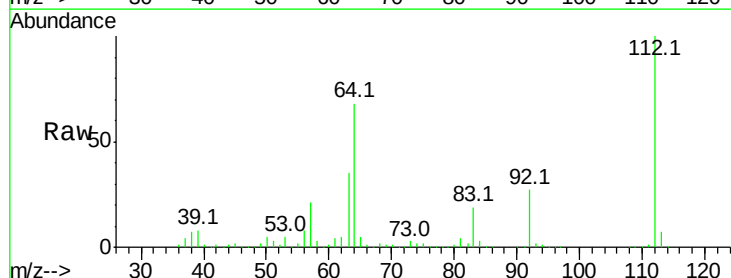
Tgt Ion:112 Resp: 977518

Ion Ratio Lower Upper

112 100

64 68.2 46.1 69.1

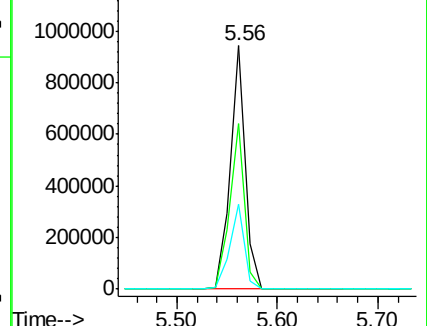
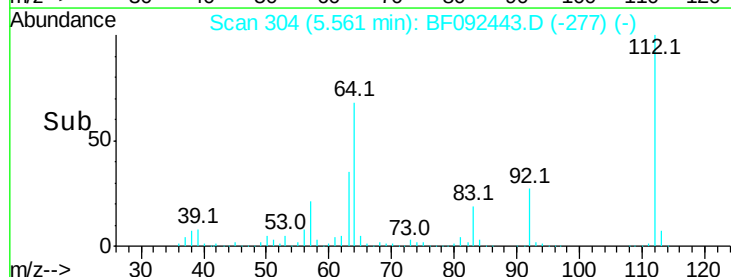
63 34.6 23.8 35.6

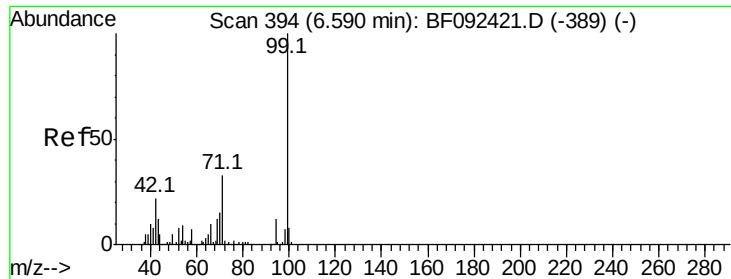


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.49 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

Instrument :

BNA\_F

ClientSampleId :

BLDG-1-FLOOR-COMP

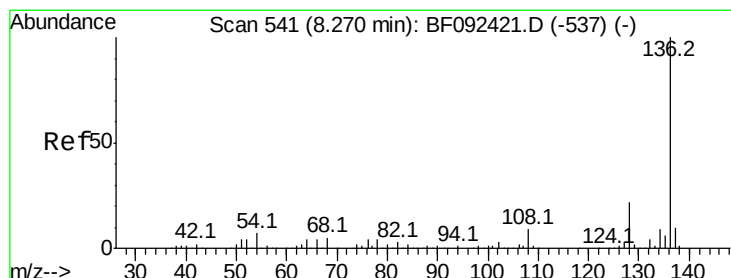
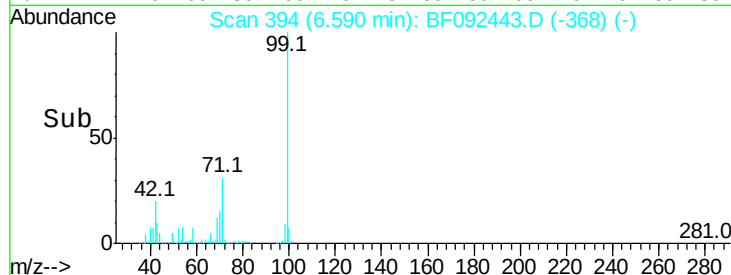
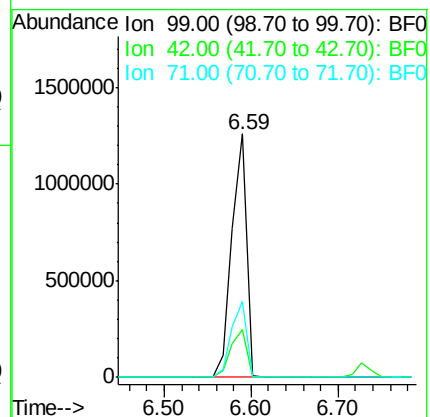
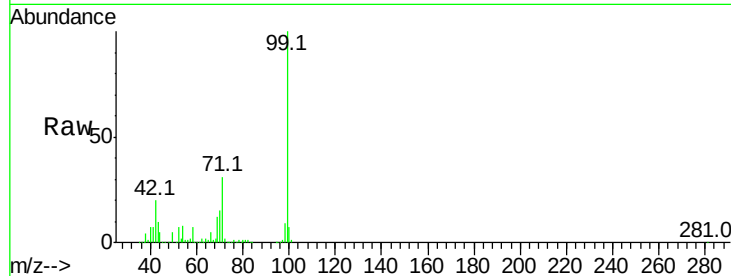
Tot Ion: 99 Resp: 1478208

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 31.1 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

Tgt Ion: 136 Resp: 595761

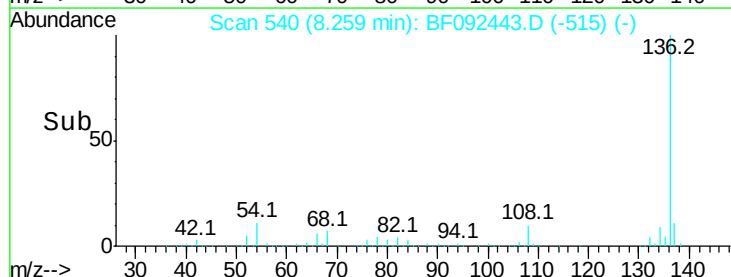
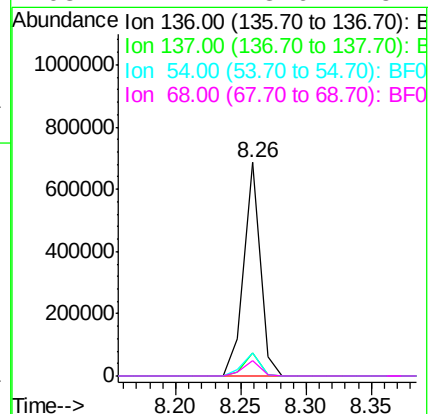
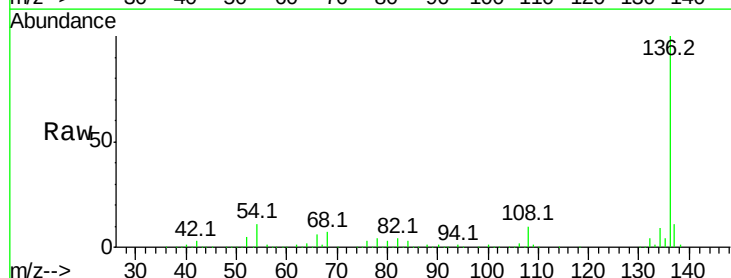
Ion Ratio Lower Upper

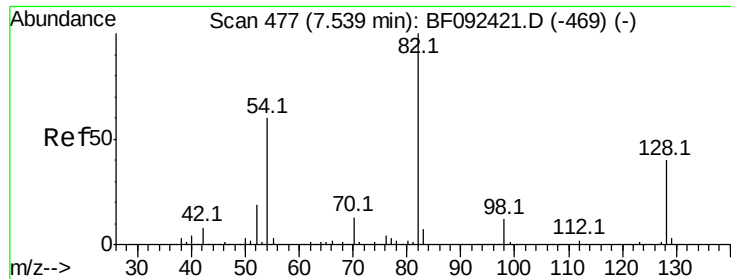
136 100

137 10.8 8.4 12.6

54 10.7 4.5 6.7#

68 7.2 3.6 5.4#

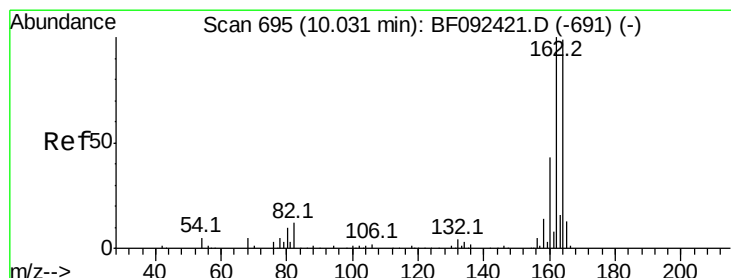
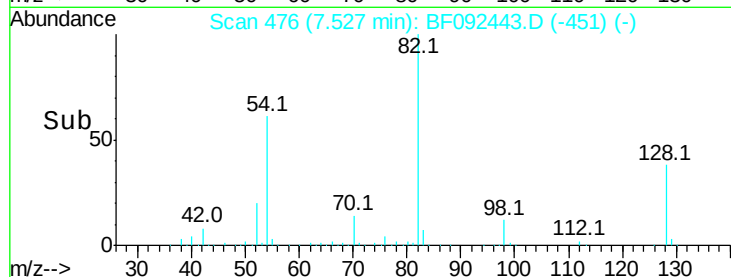
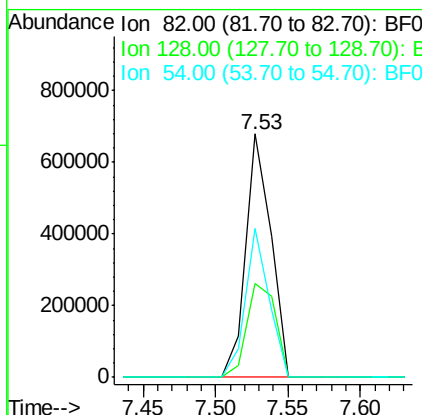
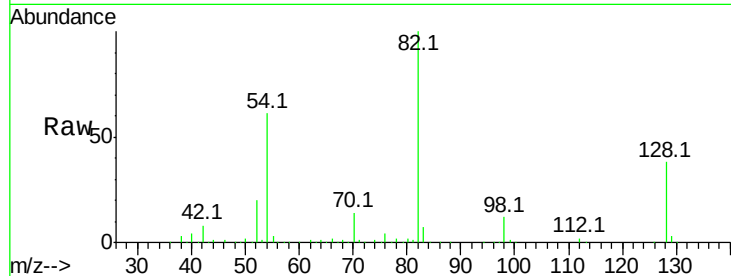




#23  
 Nitrobenzene-d5  
 Concen: 74.96 ng  
 RT: 7.53 min Scan# 476  
 Delta R.T. -0.01 min  
 Lab File: BF092443.D  
 Acq: 24 Jan 2017 21:51

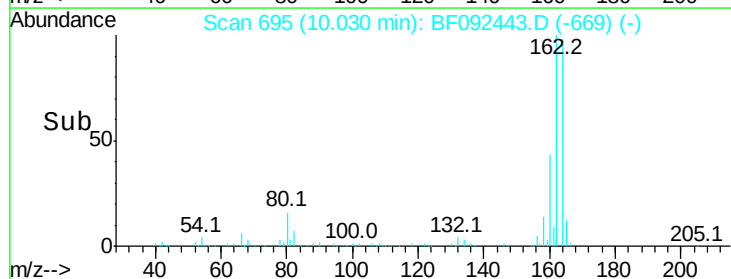
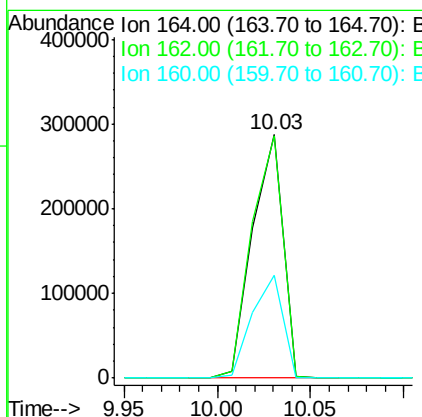
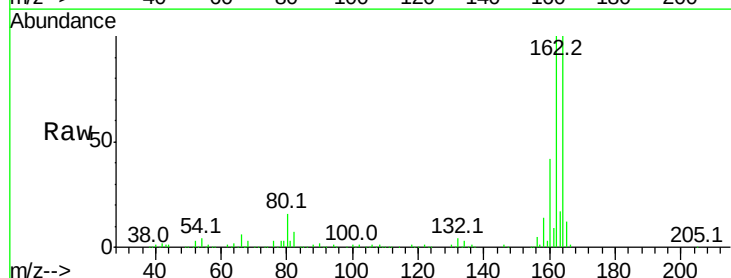
Instrument :  
 BNA\_F  
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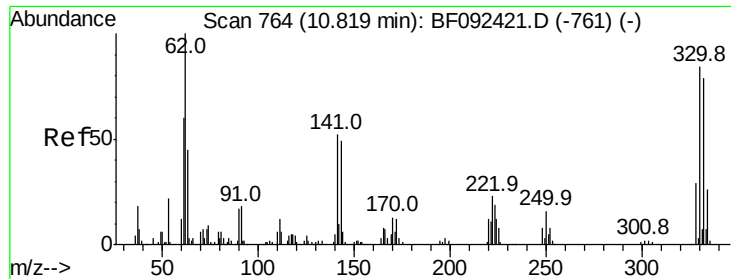
Tot Ion: 82 Resp: 817579  
 Ion Ratio Lower Upper  
 82 100  
 128 38.3 34.6 52.0  
 54 61.3 39.5 59.3#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.03 min Scan# 695  
 Delta R.T. -0.00 min  
 Lab File: BF092443.D  
 Acq: 24 Jan 2017 21:51

Tgt Ion:164 Resp: 326444  
 Ion Ratio Lower Upper  
 164 100  
 162 99.8 80.2 120.2  
 160 42.4 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 116.28 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

Instrument :

BNA\_F

ClientSampleId :

BLDG-1-FLOOR-COMP

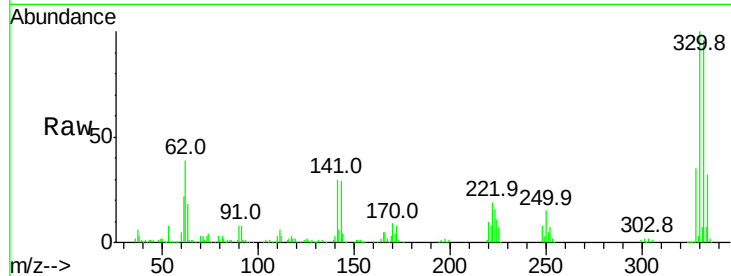
Tot Ion:330 Resp: 258665

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

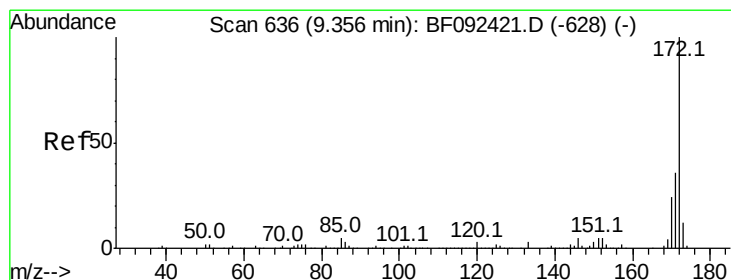
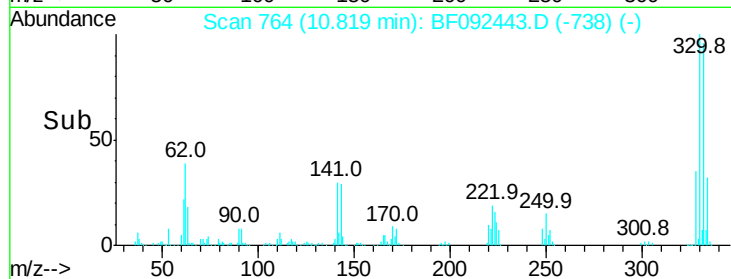
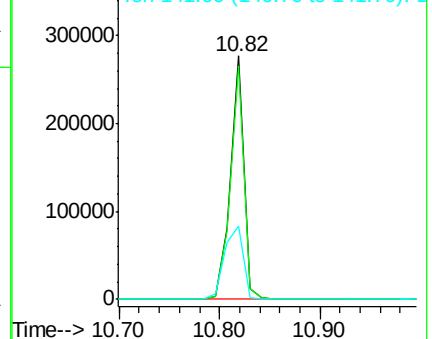
141 41.3 34.1 51.1



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: 77.03 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

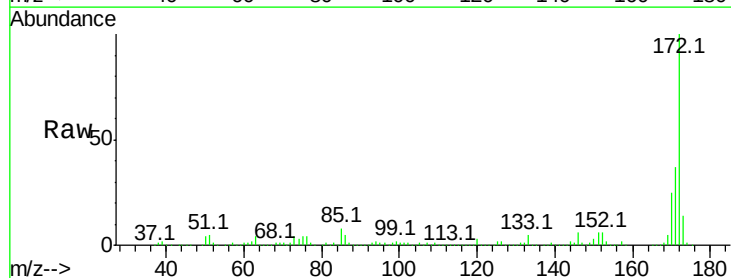
Tgt Ion:172 Resp: 1359788

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

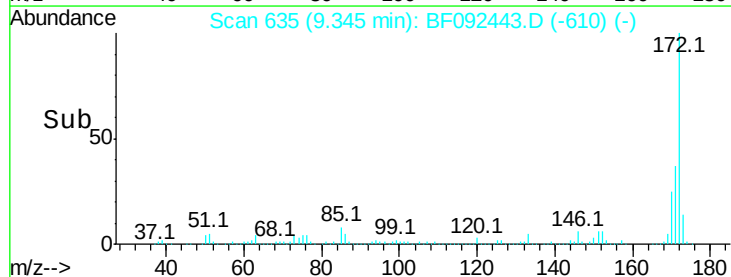
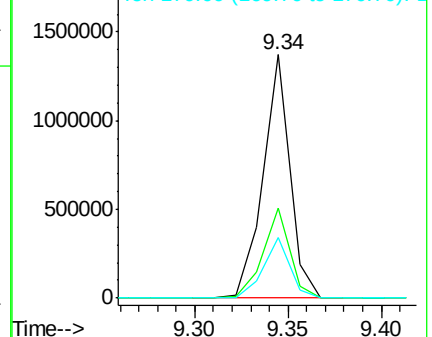
170 24.7 20.2 30.4

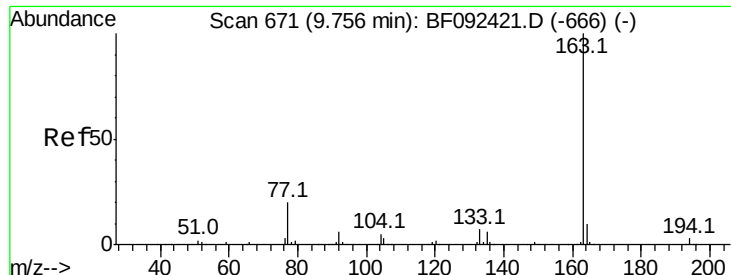


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.72 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

Instrument :

BNA\_F

ClientSampleId :

BLDG-1-FLOOR-COMP

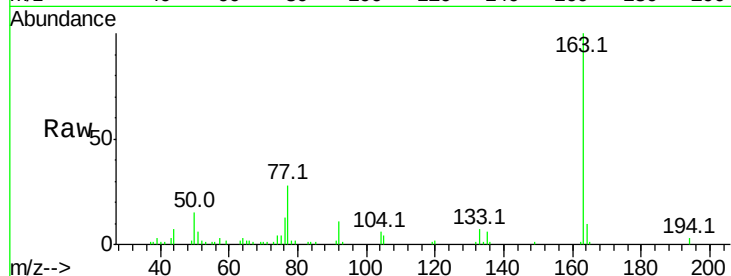
Tot Ion:163 Resp: 77238

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

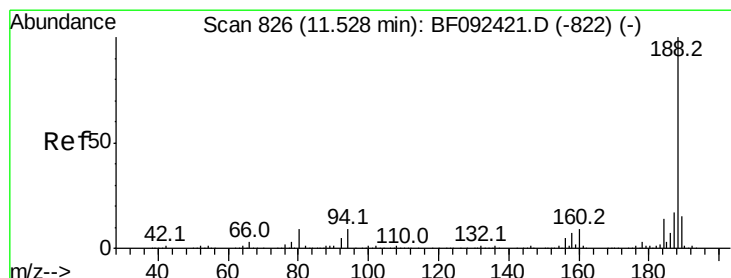
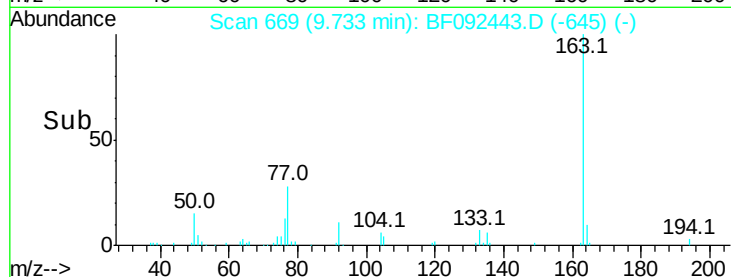
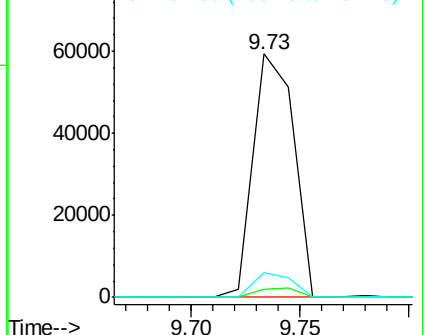
164 10.3 8.0 12.0



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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

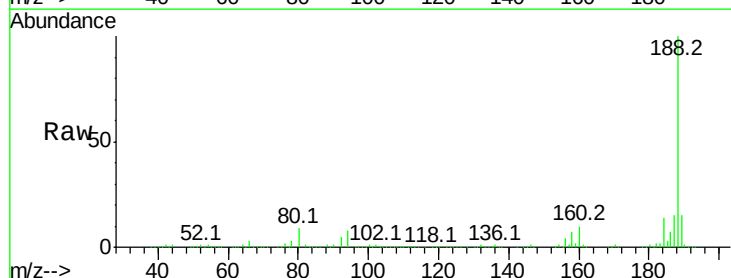
Tgt Ion:188 Resp: 560487

Ion Ratio Lower Upper

188 100

94 8.5 10.0 15.0#

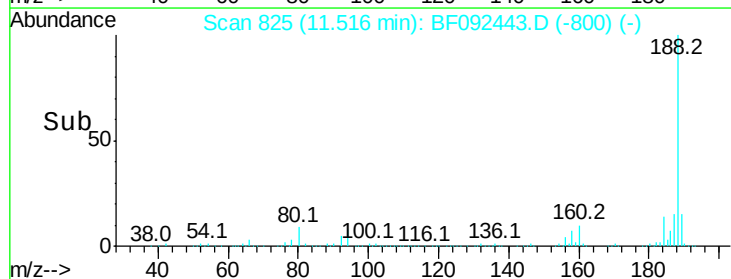
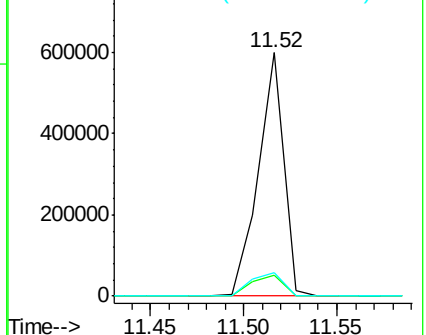
80 9.4 11.2 16.8#

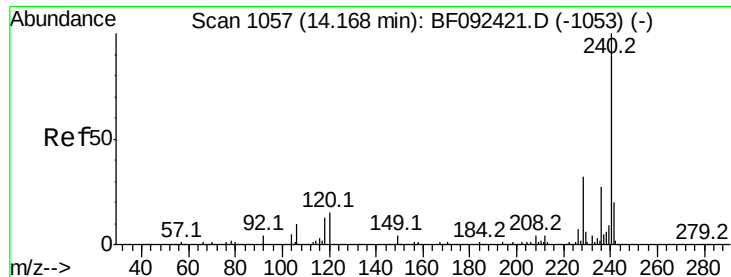


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

Instrument :

BNA\_F

ClientSampleId :

BLDG-1-FLOOR-COMP

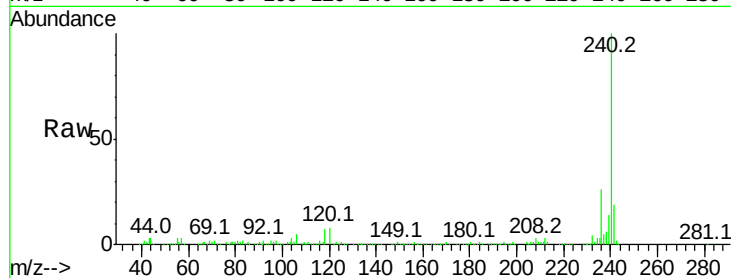
Tot Ion:240 Resp: 419166

Ion Ratio Lower Upper

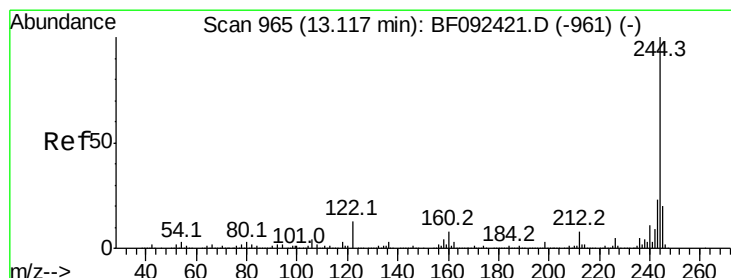
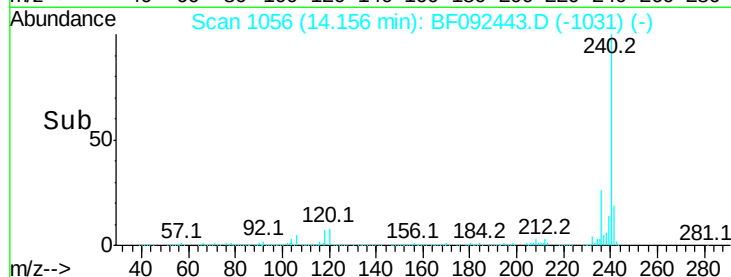
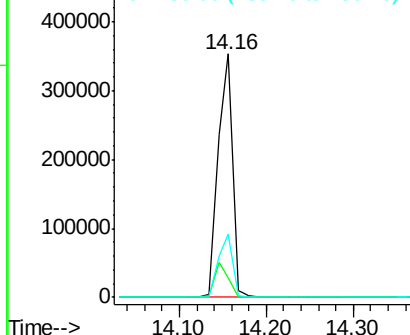
240 100

120 8.1 12.9 19.3#

236 25.9 20.9 31.3



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: 76.62 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092443.D

Acq: 24 Jan 2017 21:51

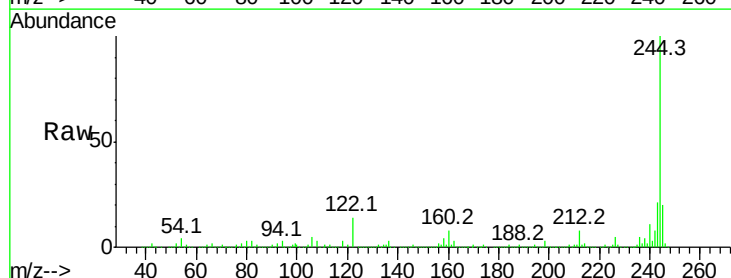
Tgt Ion:244 Resp: 1206135

Ion Ratio Lower Upper

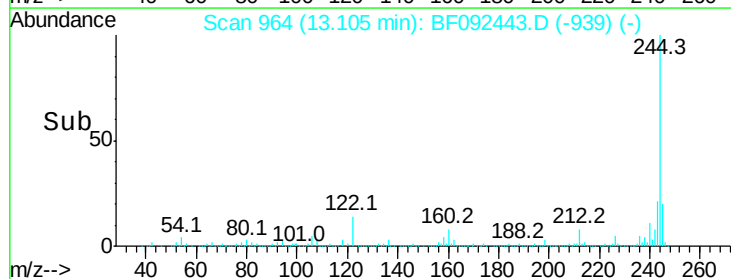
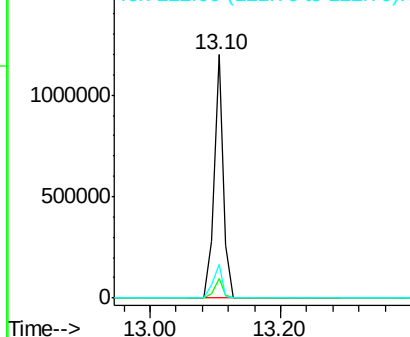
244 100

212 7.9 6.2 9.2

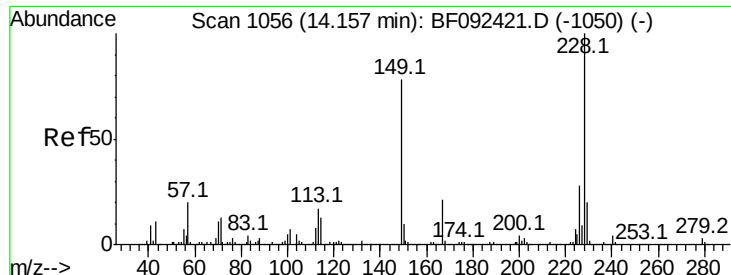
122 13.9 11.4 17.2



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



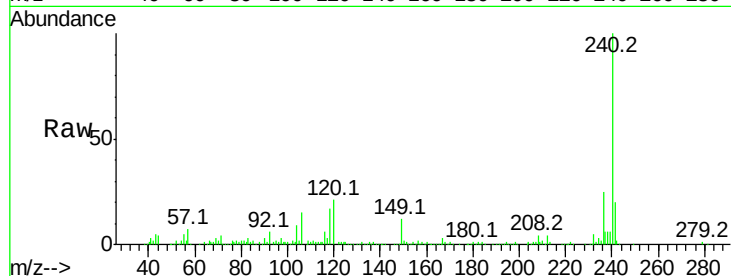




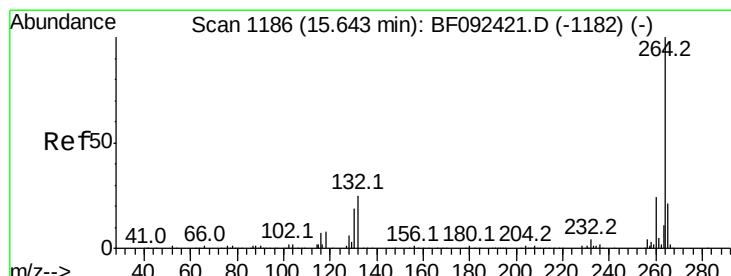
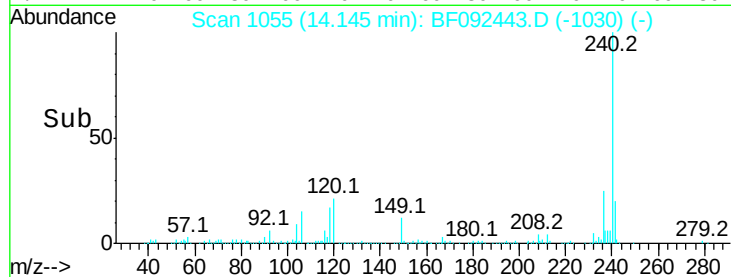
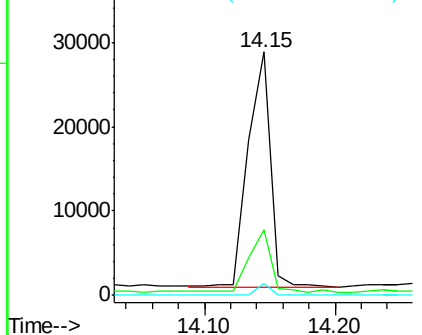
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.15 ng  
 RT: 14.15 min Scan# 1055  
 Delta R.T. -0.01 min  
 Lab File: BF092443.D  
 Acq: 24 Jan 2017 21:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BLDG-1-FLOOR-COMP

|             |       |       |      |
|-------------|-------|-------|------|
| Tot Ion:149 | Resp: | 33287 |      |
| Ion Ratio   | Lower | Upper |      |
| 149         | 100   |       |      |
| 167         | 27.2  | 20.2  | 30.4 |
| 279         | 4.7   | 1.8   | 2.8# |

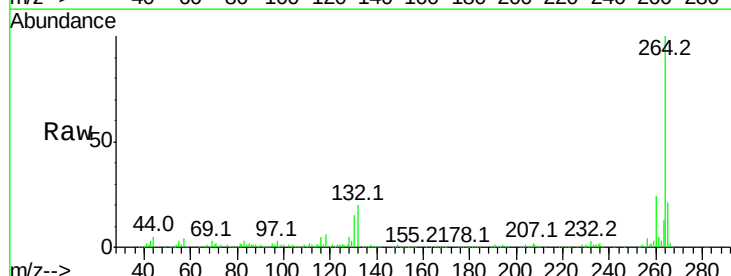


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.63 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BF092443.D  
 Acq: 24 Jan 2017 21:51

|         |       |             |              |
|---------|-------|-------------|--------------|
| Tgt Ion | 264   | Resp: Lower | 314653 Upper |
|         | Ratio |             |              |
| 264     | 100   |             |              |
| 260     | 24.1  | 19.2        | 28.8         |
| 265     | 21.2  | 17.4        | 26.0         |



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

