

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF091615\  
 Data File : BF081664.D  
 Acq On : 17 Sep 2015 3:37  
 Operator : UM/IZ  
 Sample : G3624-09  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VITALE-FILL-SOURCE-7

Quant Time: Sep 17 04:25:40 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 14:03:59 2015  
 Response via : Initial Calibration

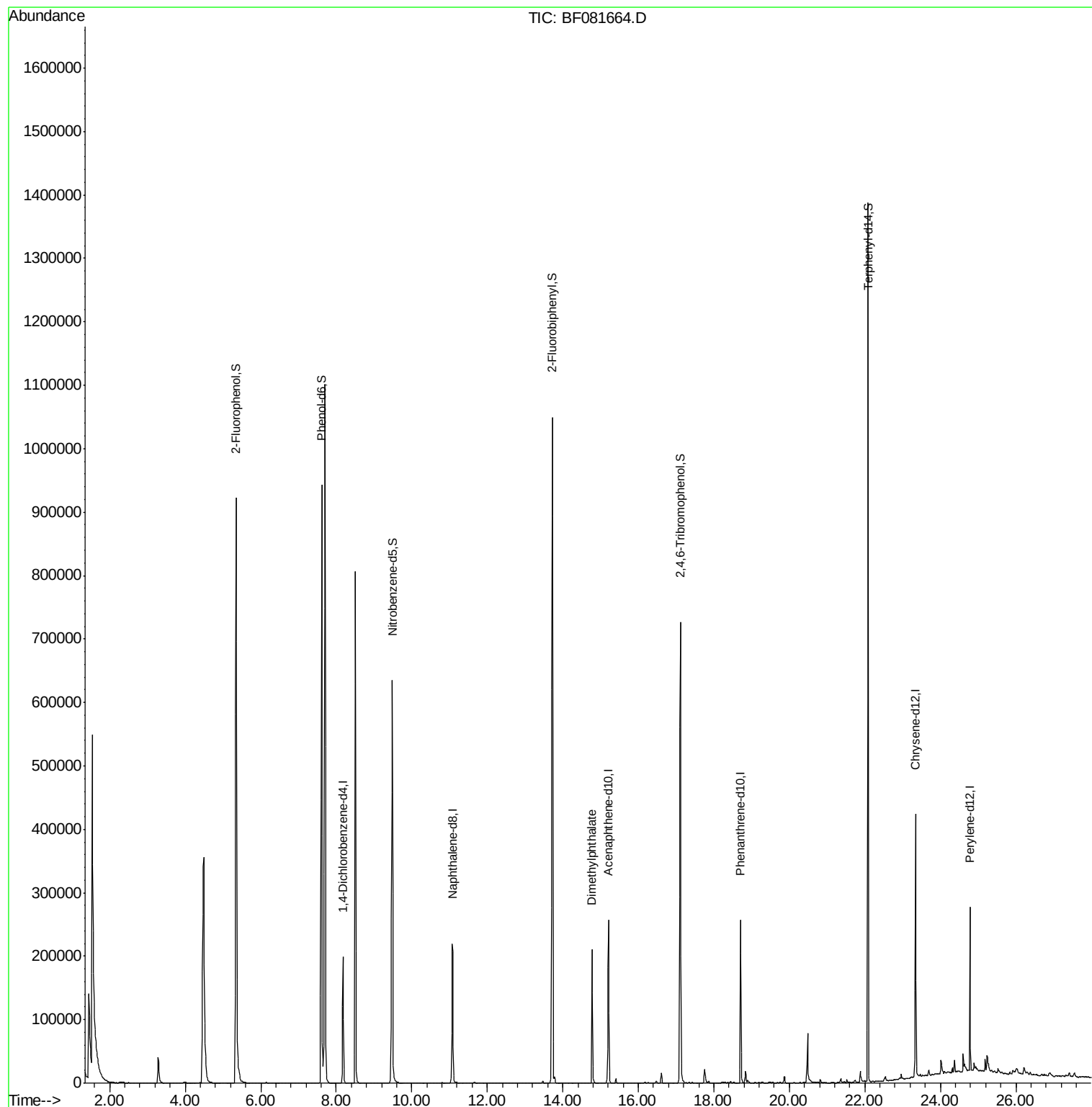
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.18  | 152  | 47936    | 20.00  | ng    | -0.03          |
| 21) Naphthalene-d8          | 11.07 | 136  | 195484   | 20.00  | ng    | -0.05          |
| 38) Acenaphthene-d10        | 15.21 | 164  | 93692    | 20.00  | ng    | -0.05          |
| 63) Phenanthrene-d10        | 18.71 | 188  | 187154   | 20.00  | ng    | -0.05          |
| 75) Chrysene-d12            | 23.35 | 240  | 141625   | 20.00  | ng    | -0.03          |
| 86) Perylene-d12            | 24.79 | 264  | 101767   | 20.00  | ng    | -0.02          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.35  | 112  | 450221   | 145.72 | ng    | 0.00           |
| 7) Phenol-d6                | 7.61  | 99   | 626598   | 153.22 | ng    | -0.03          |
| 23) Nitrobenzene-d5         | 9.49  | 82   | 409205   | 100.99 | ng    | -0.05          |
| 41) 2,4,6-Tribromophenol    | 17.12 | 330  | 131309   | 157.40 | ng    | -0.05          |
| 44) 2-Fluorobiphenyl        | 13.73 | 172  | 692326   | 94.69  | ng    | -0.05          |
| 78) Terphenyl-d14           | 22.08 | 244  | 653376   | 107.39 | ng    | -0.03          |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 14.78 | 163  | 147691   | 20.29  | ng    | Qvalue<br># 97 |

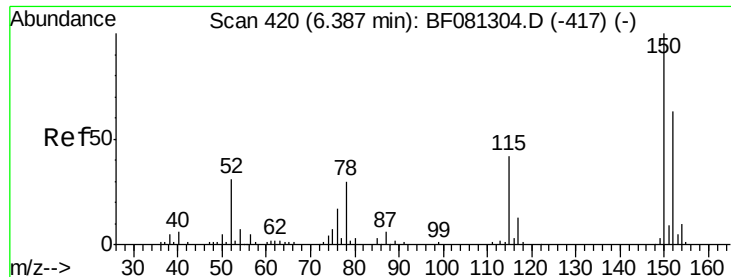
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081664.D

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Instrument :

BNA\_F

ClientSampleId :

VITALE-FILL-SOURCE-7

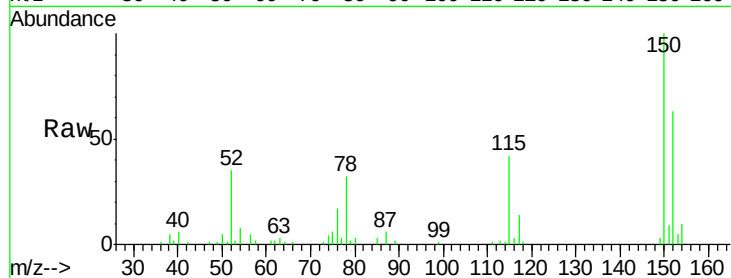
Tgt Ion:152 Resp: 47936

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

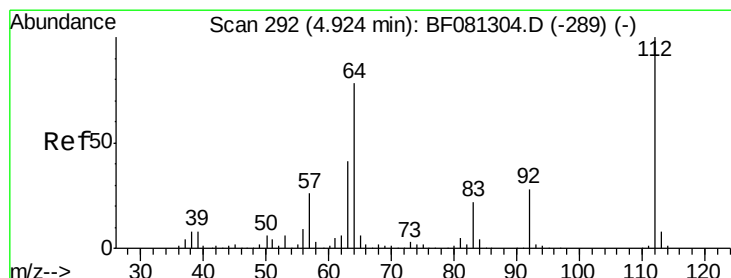
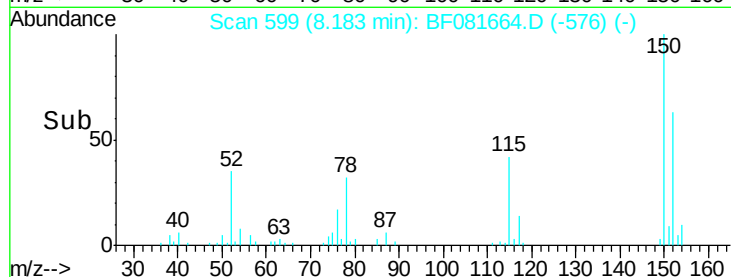
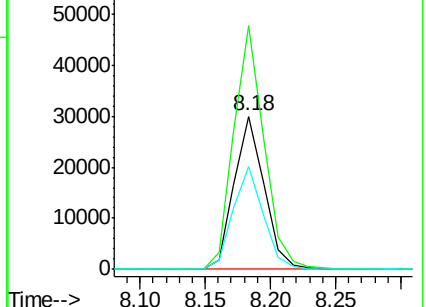
115 67.3 39.0 58.4#



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: 145.72 ng

RT: 5.35 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

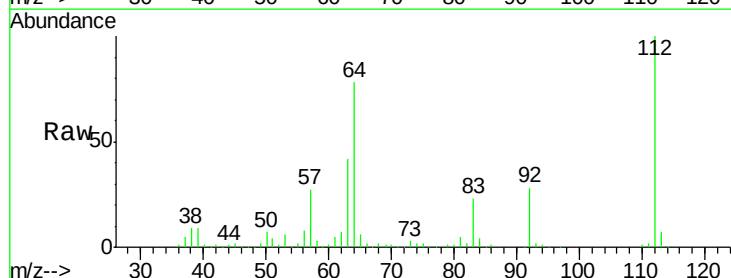
Tgt Ion:112 Resp: 450221

Ion Ratio Lower Upper

112 100

64 78.2 39.7 59.5#

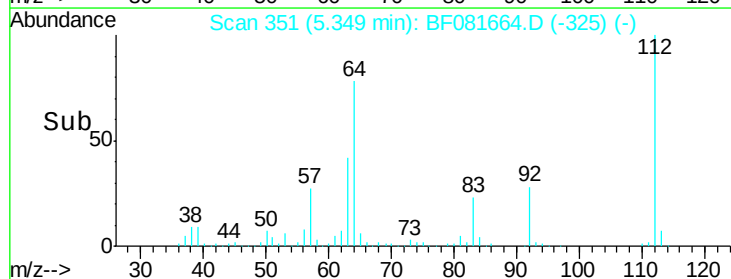
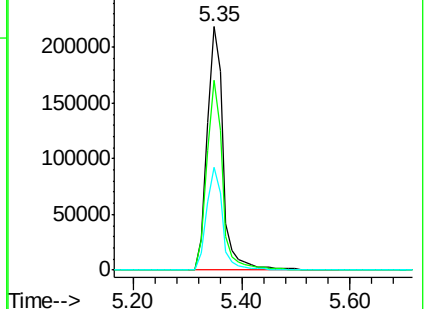
63 42.4 17.4 26.0#

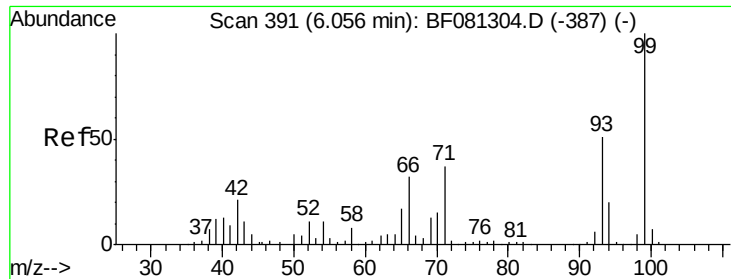


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.22 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

Instrument :

BNA\_F

ClientSampleId :

VITALE-FILL-SOURCE-7

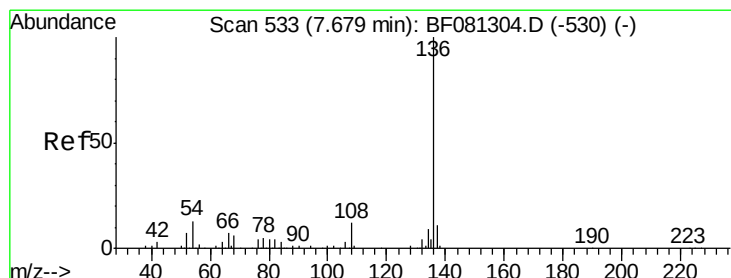
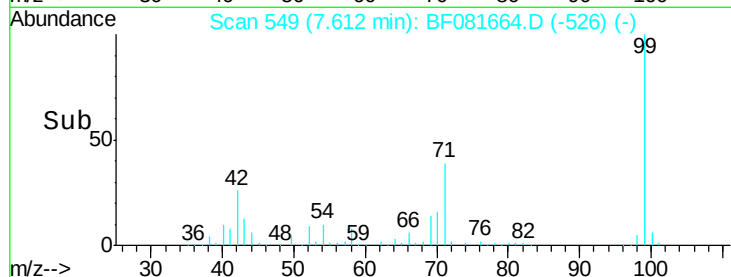
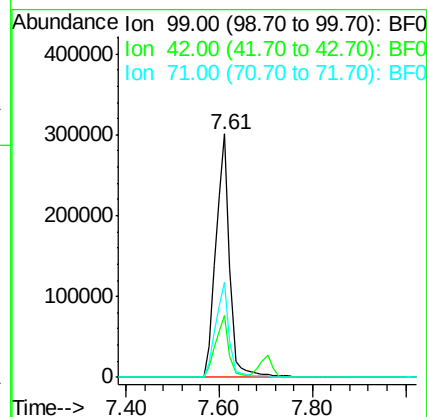
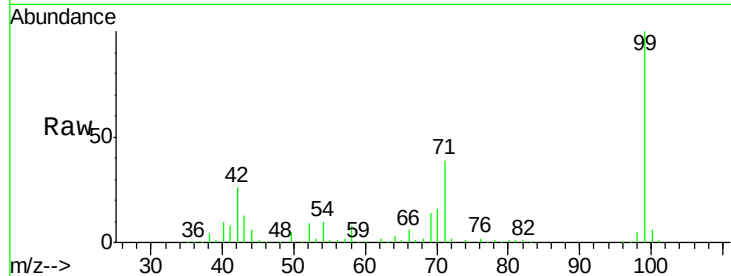
Tgt Ion: 99 Resp: 626598

Ion Ratio Lower Upper

99 100

42 25.6 13.7 20.5#

71 39.2 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.07 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

Tgt Ion: 136 Resp: 195484

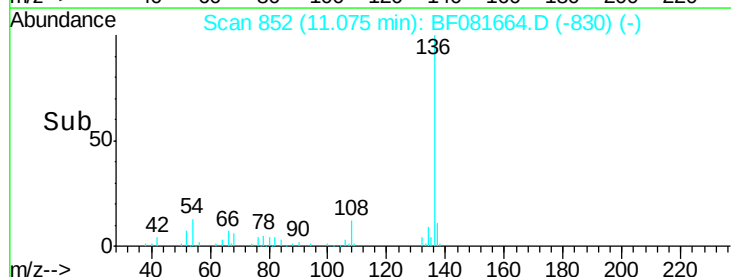
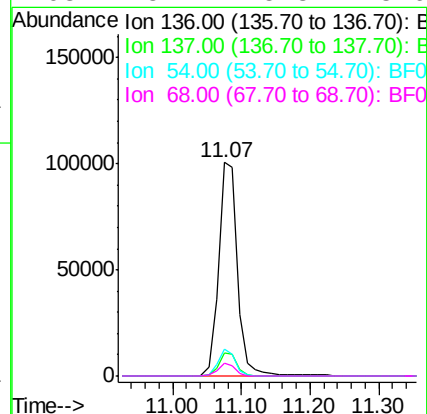
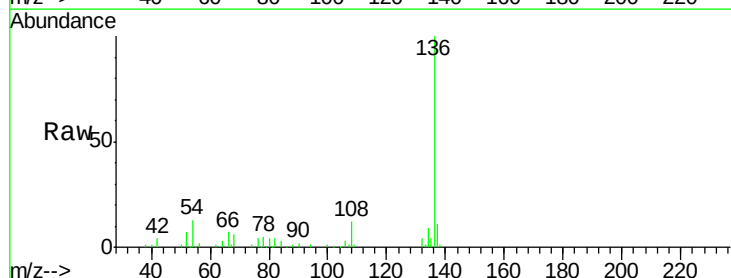
Ion Ratio Lower Upper

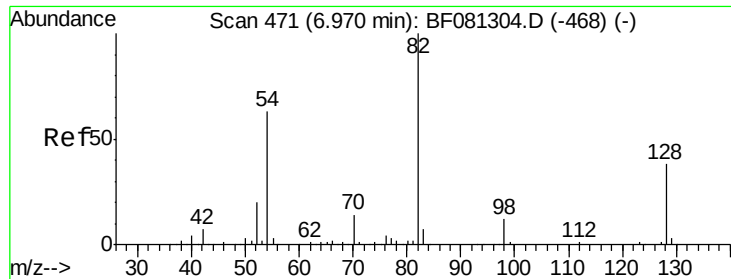
136 100

137 11.0 9.0 13.6

54 12.7 8.2 12.2#

68 5.7 5.8 8.6#

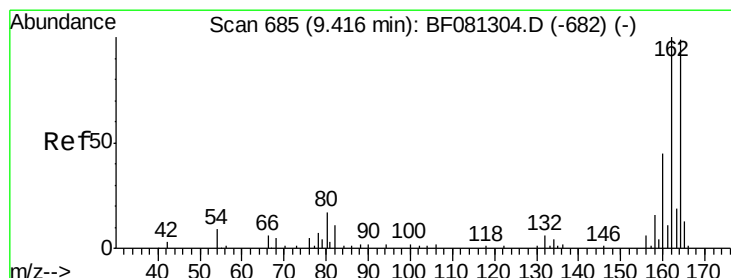
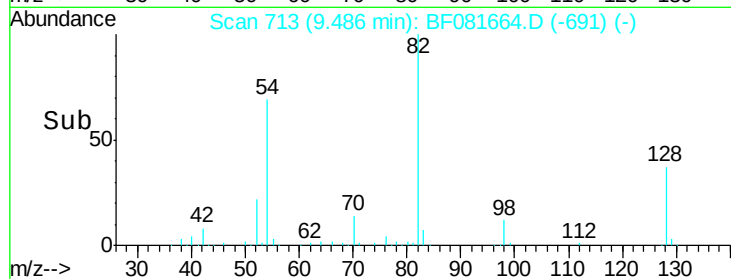
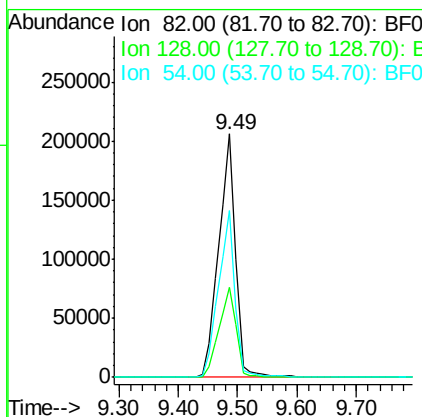
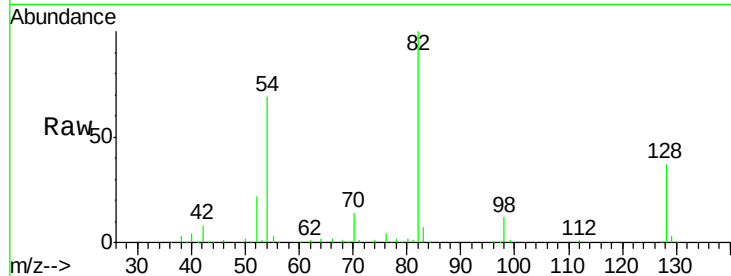




#23  
 Nitrobenzene-d5  
 Concen: 100.99 ng  
 RT: 9.49 min Scan# 713  
 Delta R.T. -0.05 min  
 Lab File: BF081664.D  
 Acq: 17 Sep 2015 3:37

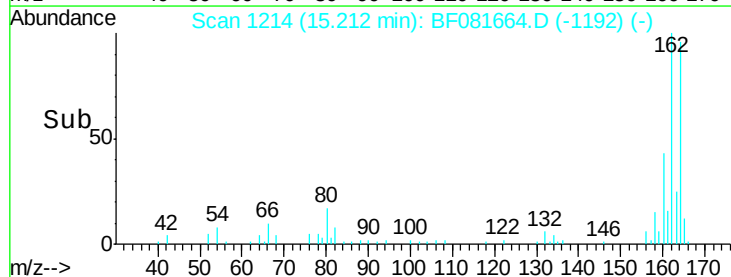
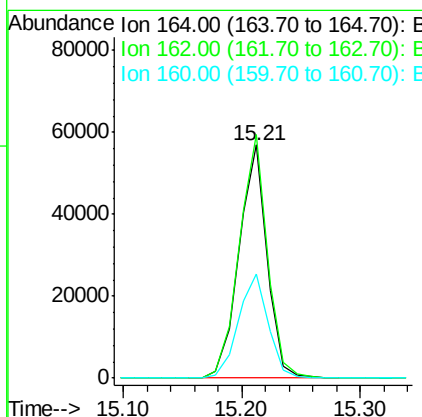
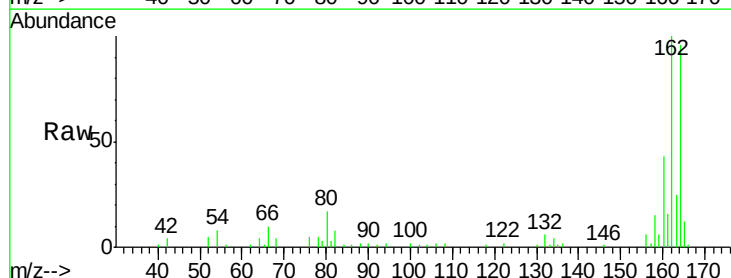
Instrument :  
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 VITALE-FILL-SOURCE-7

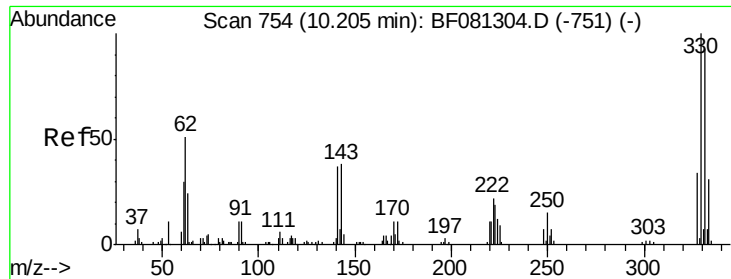
Tgt Ion: 82 Resp: 409205  
 Ion Ratio Lower Upper  
 82 100  
 128 37.2 51.0 76.6#  
 54 68.6 47.5 71.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 15.21 min Scan# 1214  
 Delta R.T. -0.05 min  
 Lab File: BF081664.D  
 Acq: 17 Sep 2015 3:37

Tgt Ion: 164 Resp: 93692  
 Ion Ratio Lower Upper  
 164 100  
 162 104.5 75.2 112.8  
 160 44.8 31.5 47.3

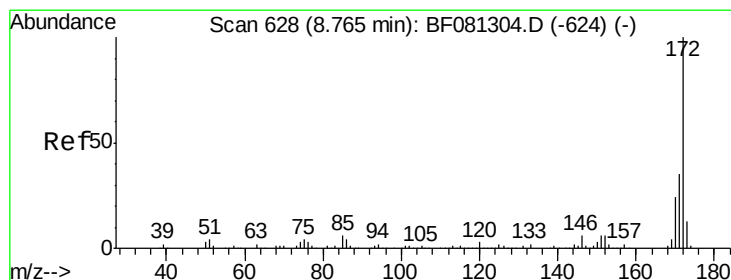
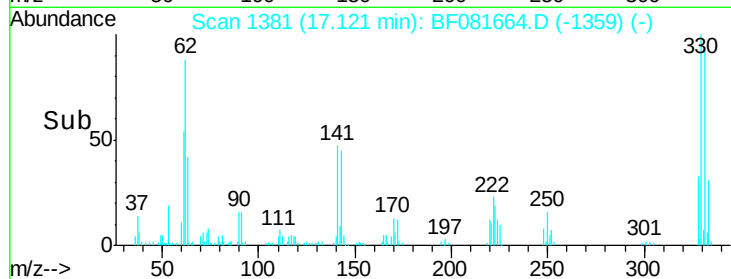
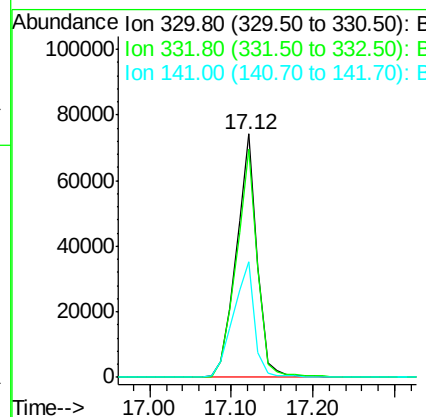
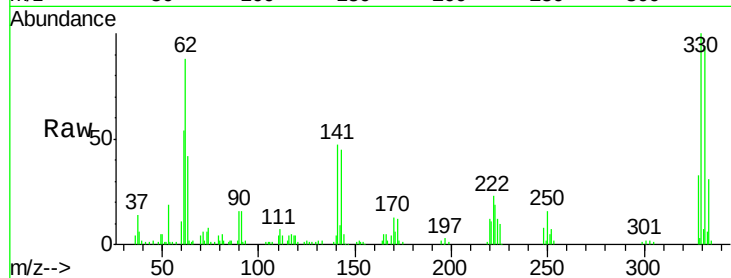




#41  
 2,4,6-Tribromophenol  
 Concen: 157.40 ng  
 RT: 17.12 min Scan# 1381  
 Delta R.T. -0.05 min  
 Lab File: BF081664.D  
 Acq: 17 Sep 2015 3:37

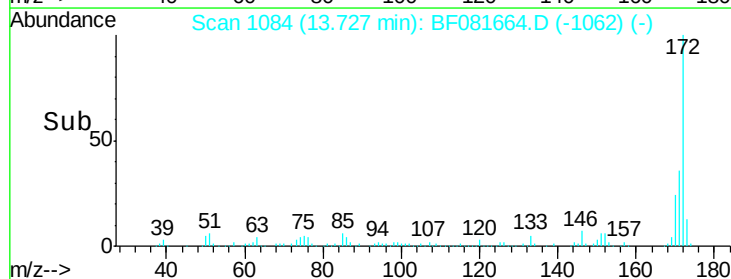
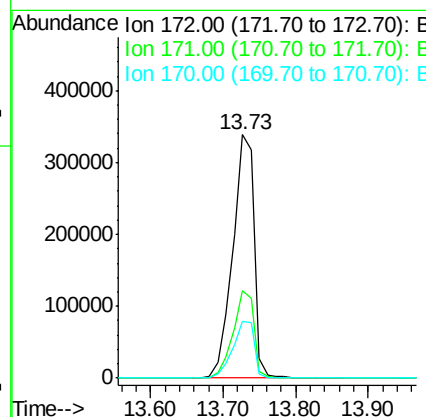
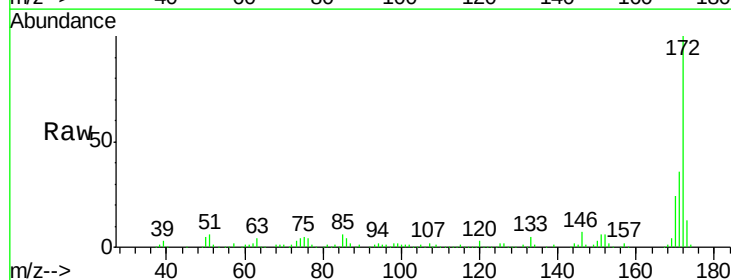
Instrument :  
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 ClientSampleId :  
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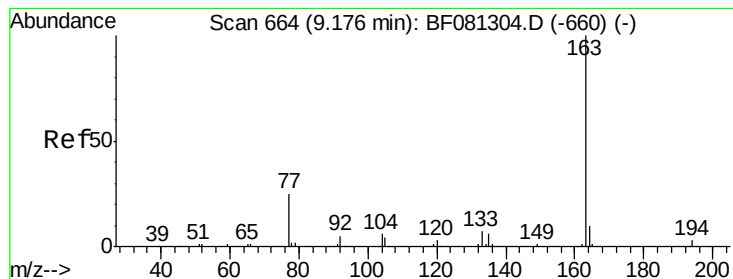
Tgt Ion: 330 Resp: 131309  
 Ion Ratio Lower Upper  
 330 100  
 332 94.5 76.6 114.8  
 141 48.5 29.7 44.5#



#44  
 2-Fluorobiphenyl  
 Concen: 94.69 ng  
 RT: 13.73 min Scan# 1084  
 Delta R.T. -0.05 min  
 Lab File: BF081664.D  
 Acq: 17 Sep 2015 3:37

Tgt Ion: 172 Resp: 692326  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 26.1 39.1  
 170 23.6 17.4 26.2





#49

Dimethylphthalate

Concen: 20.29 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

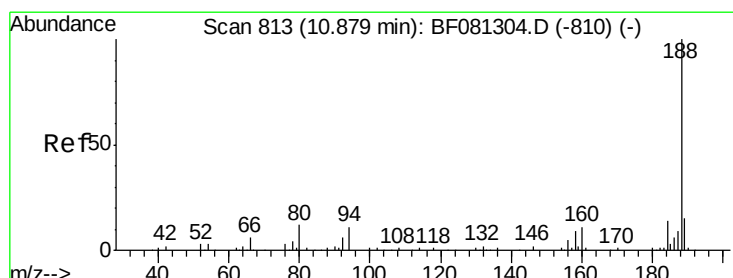
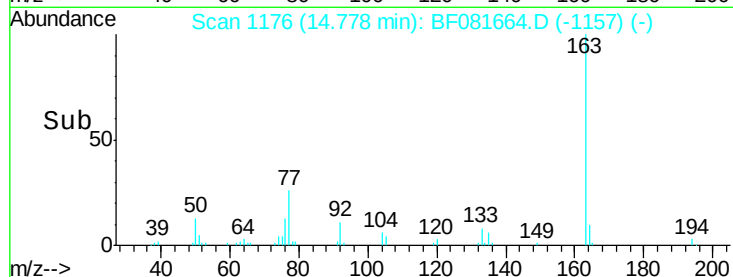
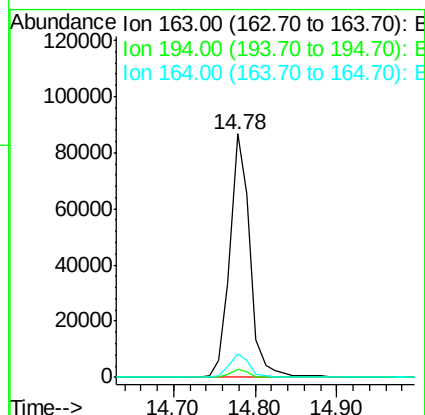
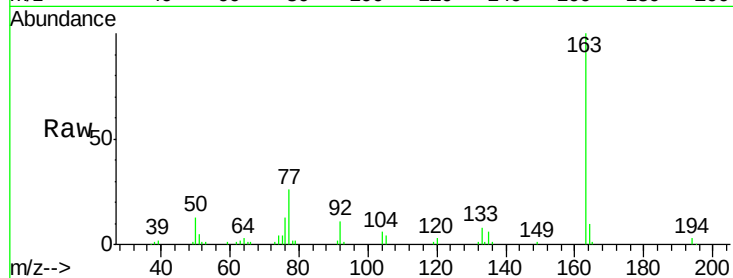
Instrument :

BNA\_F

ClientSampleId :

VITALE-FILL-SOURCE-7

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 147691 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 3.1   | 4.4   | 6.6#   |
| 164      | 9.8   | 8.3   | 12.5   |



#63

Phenanthrene-d10

Concen: 20.00 ng

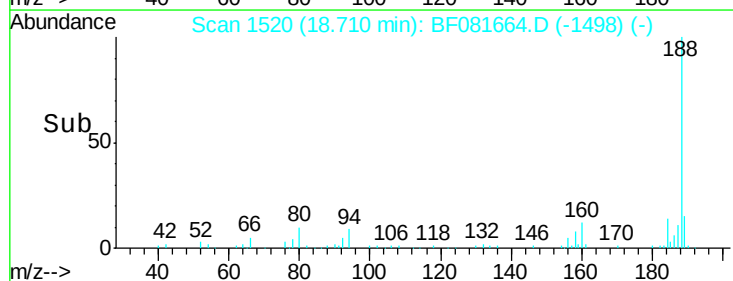
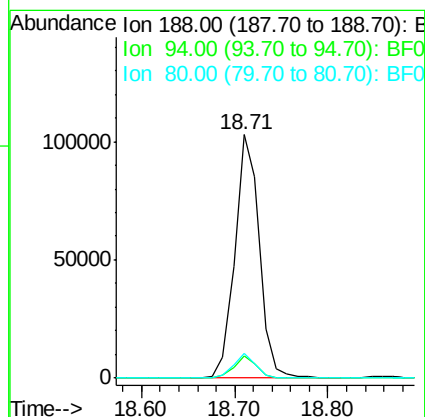
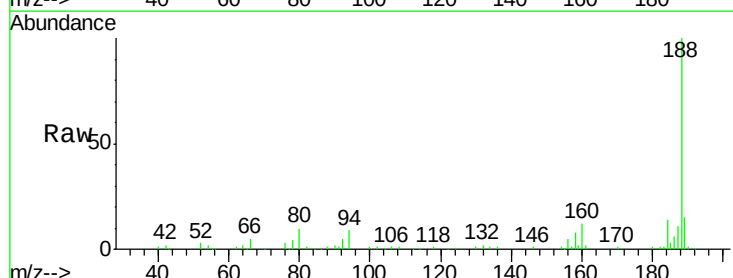
RT: 18.71 min Scan# 1520

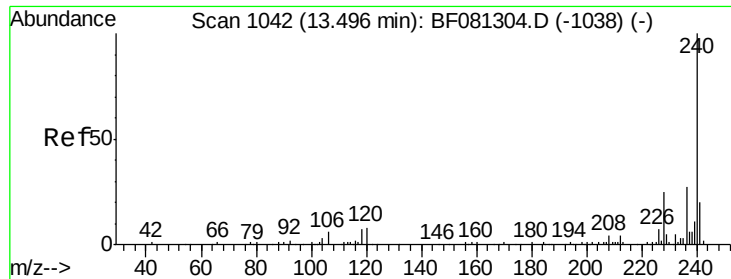
Delta R.T. -0.05 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 187154 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.9   | 11.1  | 16.7#  |
| 80       | 10.3  | 11.0  | 16.4#  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 1926

Delta R.T. -0.03 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

Instrument :

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ClientSampleId :

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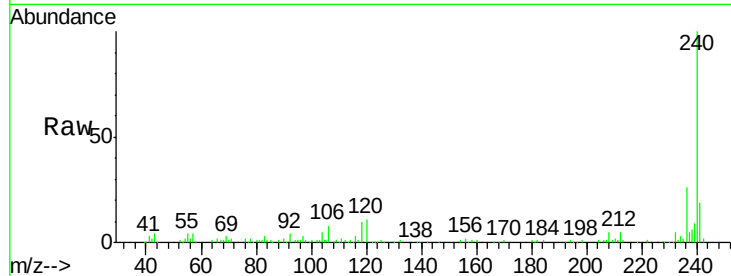
Tgt Ion:240 Resp: 141625

Ion Ratio Lower Upper

240 100

120 11.2 16.2 24.2#

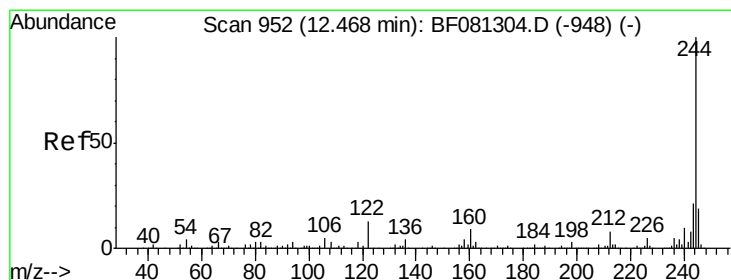
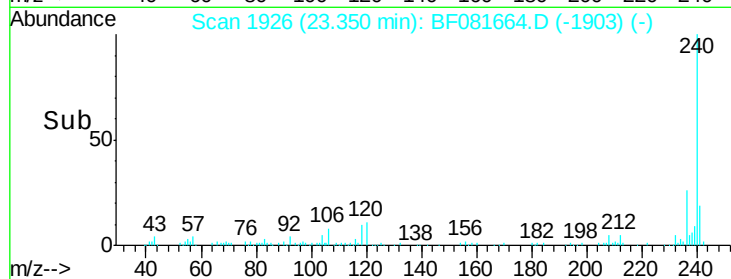
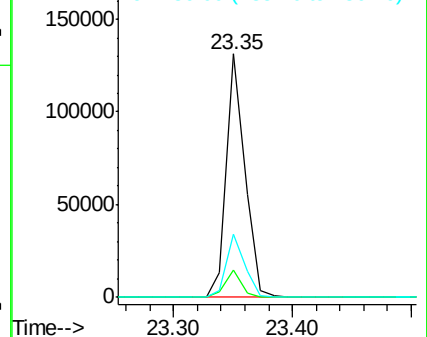
236 25.7 18.4 27.6



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: 107.39 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

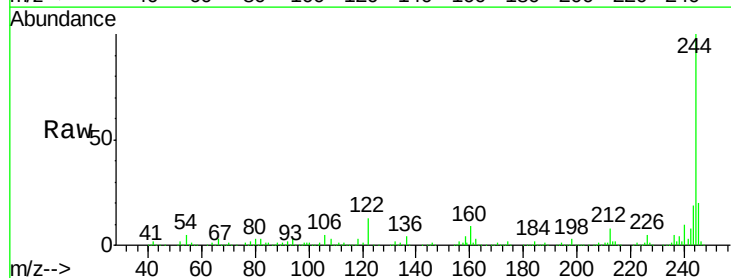
Tgt Ion:244 Resp: 653376

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

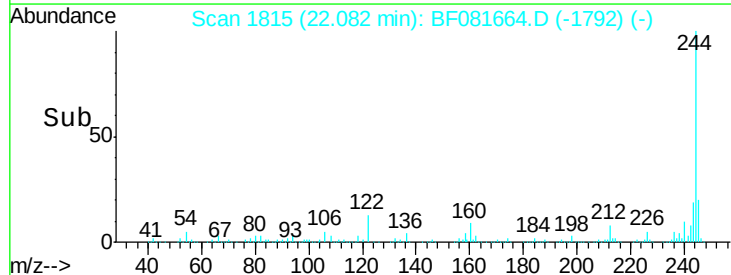
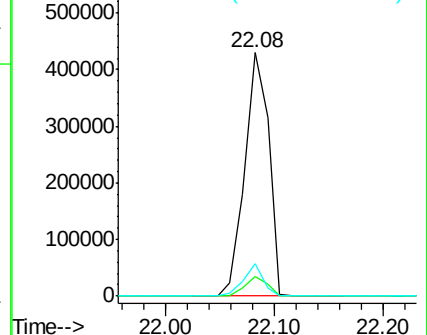
122 13.1 17.4 26.2#



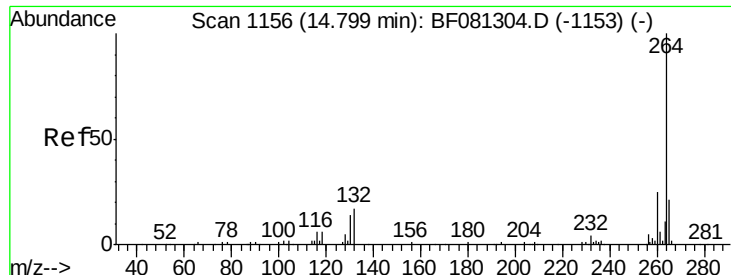
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



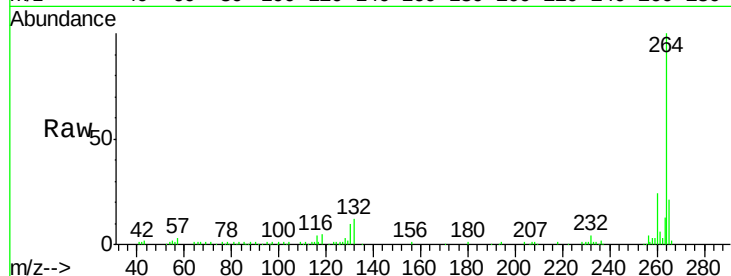




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.79 min Scan# 2052  
Delta R.T. -0.02 min  
Lab File: BF081664.D  
Acq: 17 Sep 2015 3:37

Instrument :  
BNA\_F  
ClientSampleId :  
VITALE-FILL-SOURCE-7

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 16.7  | 25.1  |
| 265     | 20.8  | 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

