

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020617\  
 Data File : BF092814.D  
 Acq On : 6 Feb 2017 23:43  
 Operator : SJ/MA  
 Sample : I1712-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUMS-SOIL-ROW-COMP

Quant Time: Feb 07 01:14:58 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 30 14:50:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.91  | 152  | 137764   | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8        | 8.20  | 136  | 488631   | 20.00 | ng    | -0.06    |
| 38) Acenaphthene-d10      | 9.96  | 164  | 200597   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10      | 11.46 | 188  | 261877   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 14.12 | 240  | 124544   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.62 | 264  | 114890   | 20.00 | ng    | 0.01     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.52  | 112 | 897775  | 111.80 | ng | -0.06 |
| 7) Phenol-d6                | 6.56  | 99  | 1184324 | 114.63 | ng | -0.05 |
| 23) Nitrobenzene-d5         | 7.48  | 82  | 714987  | 81.48  | ng | -0.06 |
| 41) 2,4,6-Tribromophenol    | 10.76 | 330 | 152585  | 105.17 | ng | -0.05 |
| 44) 2-Fluorobiphenyl        | 9.28  | 172 | 932892  | 84.25  | ng | -0.06 |
| 78) Terphenyl-d14           | 13.05 | 244 | 429349  | 81.00  | ng | -0.03 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 15) Benzyl Alcohol             | 7.02  | 79  | 19903  | 2.60  | ng | # 55   |
| 25) Isophorone                 | 7.48  | 82  | 692376 | 42.35 | ng | # 65   |
| 32) Benzoic acid               | 8.03  | 122 | 1097   | 7.39  | ng | # 1    |
| 35) Caprolactam                | 8.62  | 113 | 8406   | 3.81  | ng | # 1    |
| 47) 2-Nitroaniline             | 9.66  | 65  | 13270  | 3.47  | ng | 92     |
| 49) Dimethylphthalate          | 9.68  | 163 | 355236 | 26.29 | ng | # 96   |
| 50) 2,6-Dinitrotoluene         | 9.72  | 165 | 13566  | 4.65  | ng | # 52   |
| 52) 3-Nitroaniline             | 9.92  | 138 | 32897  | 9.85  | ng | # 26   |
| 53) 2,4-Dinitrophenol          | 10.00 | 184 | 2169   | 6.11  | ng | # 1    |
| 55) 4-Nitrophenol              | 10.09 | 139 | 6383   | 2.65  | ng | # 1    |
| 59) Diethylphthalate           | 10.42 | 149 | 29472  | 2.31  | ng | # 16   |
| 61) 4-Nitroaniline             | 10.42 | 138 | 23260  | 6.80  | ng | 94     |
| 62) Azobenzene                 | 10.65 | 77  | 44294  | 3.37  | ng | # 4    |
| 64) 4,6-Dinitro-2-methylphenol | 10.58 | 198 | 3320   | 4.64  | ng | # 1    |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169 | 30663  | 3.67  | ng | # 57   |
| 68) Atrazine                   | 11.13 | 200 | 7817   | 2.91  | ng | # 1    |
| 69) Pentachlorophenol          | 11.26 | 266 | 1274   | 8.03  | ng | # 1    |
| 73) Di-n-butylphthalate        | 12.01 | 149 | 64115  | 4.12  | ng | # 41   |
| 77) Pyrene                     | 12.91 | 202 | 21402  | 2.30  | ng | # 16   |
| 79) Butylbenzylphthalate       | 13.56 | 149 | 9808   | 2.59  | ng | # 45   |
| 84) Di-n-octyl phthalate       | 14.74 | 149 | 19314  | 2.29  | ng | # 74   |

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

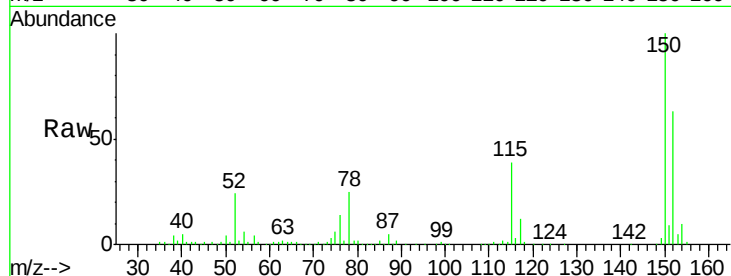




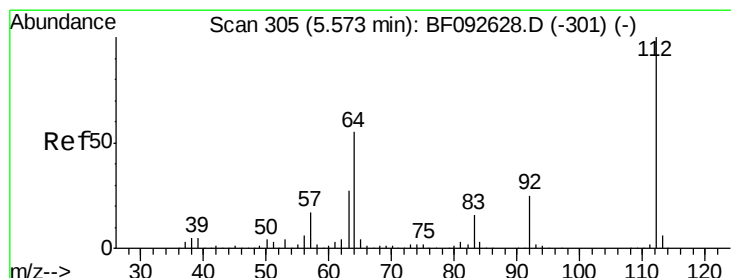
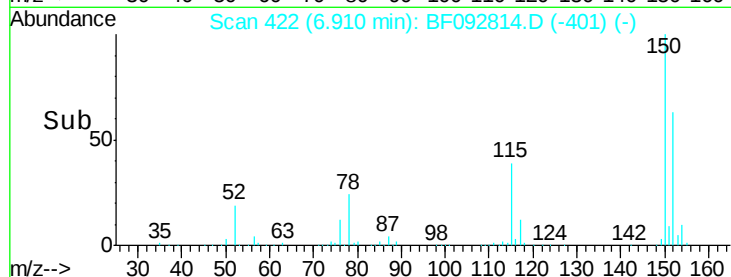
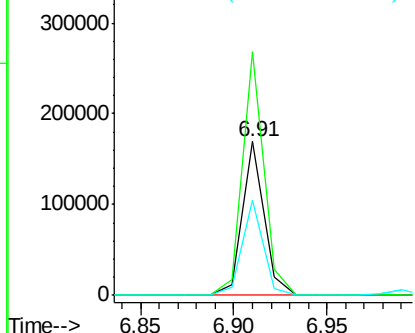
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.91 min Scan# 422  
 Delta R.T. -0.06 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUMS-SOIL-ROW-COMP

Tgt Ion:152 Resp: 137764  
 Ion Ratio Lower Upper  
 152 100  
 150 158.7 124.9 187.3  
 115 61.6 46.0 69.0

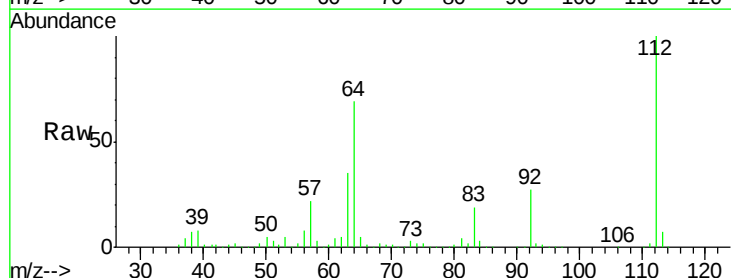


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

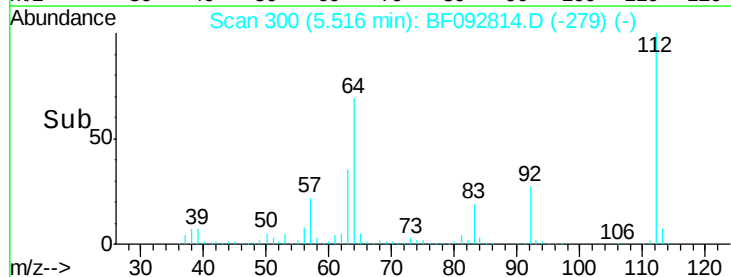
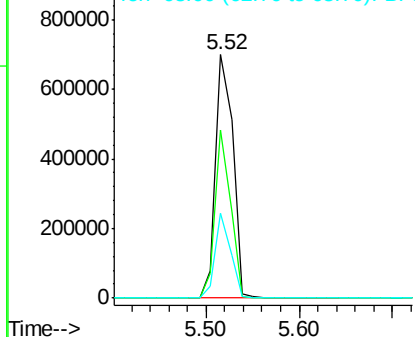


#5  
 2-Fluorophenol  
 Concen: 111.80 ng  
 RT: 5.52 min Scan# 300  
 Delta R.T. -0.06 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

Tgt Ion:112 Resp: 897775  
 Ion Ratio Lower Upper  
 112 100  
 64 69.0 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: 114.63 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

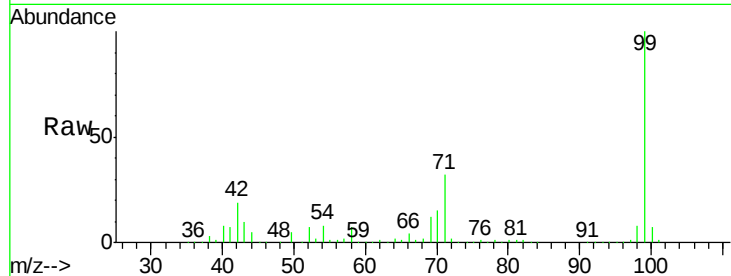
Tgt Ion: 99 Resp: 1184324

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

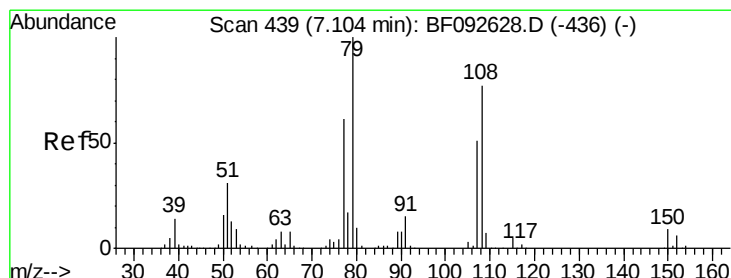
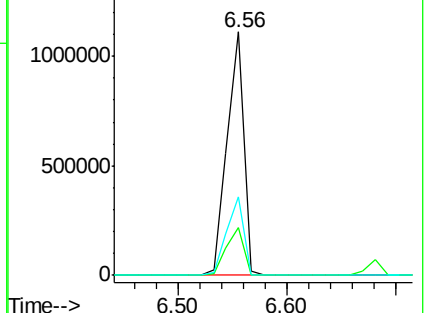
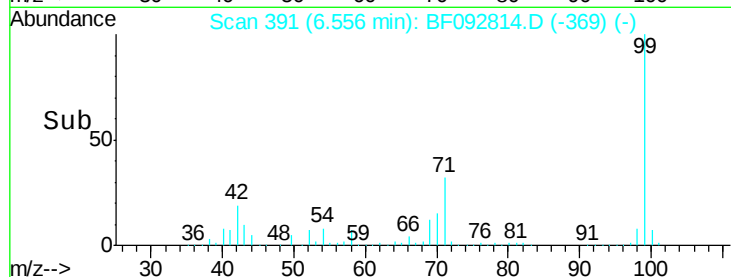
71 32.2 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.60 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.08 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

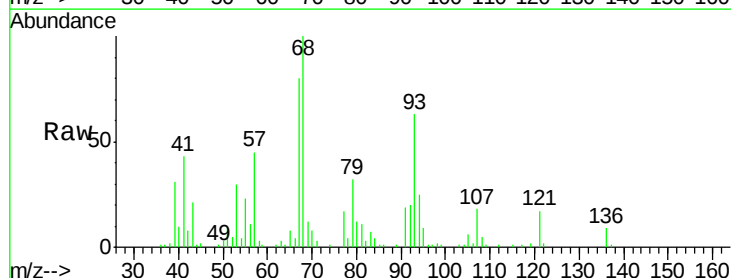
Tgt Ion: 79 Resp: 19903

Ion Ratio Lower Upper

79 100

108 14.8 61.4 92.0#

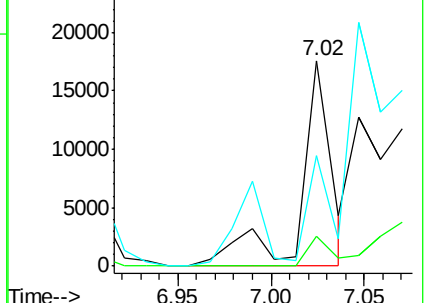
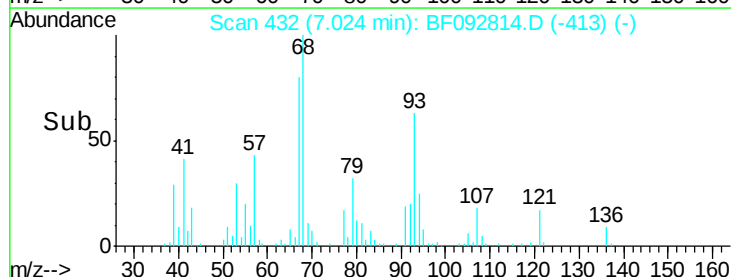
77 53.7 50.9 76.3

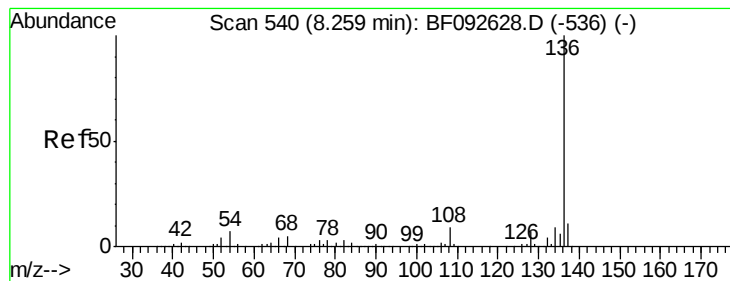


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

Tgt Ion:136 Resp: 488631

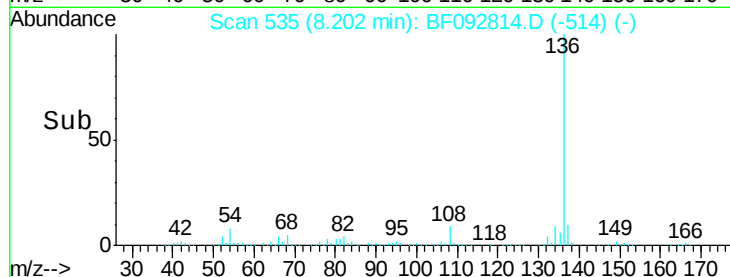
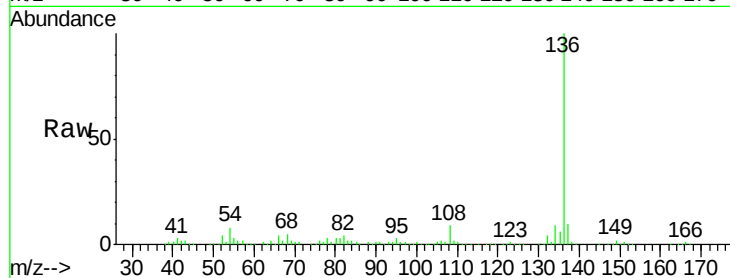
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 7.7 4.5 6.7#

68 5.5 3.6 5.4#

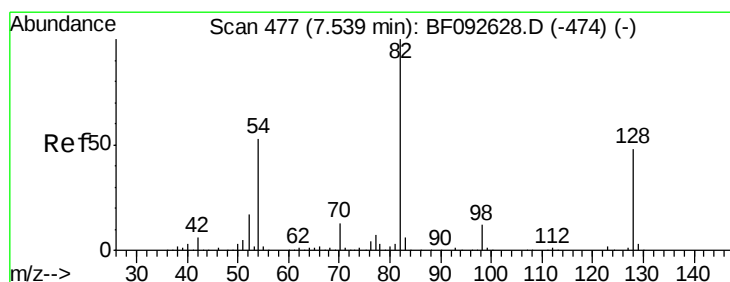
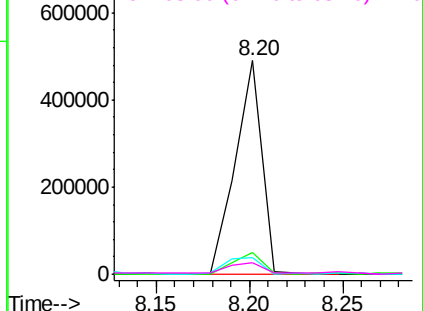


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 81.48 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.06 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

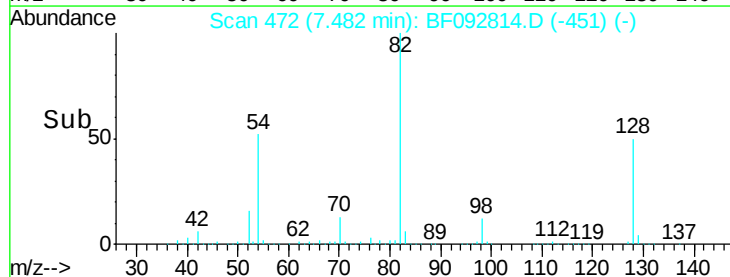
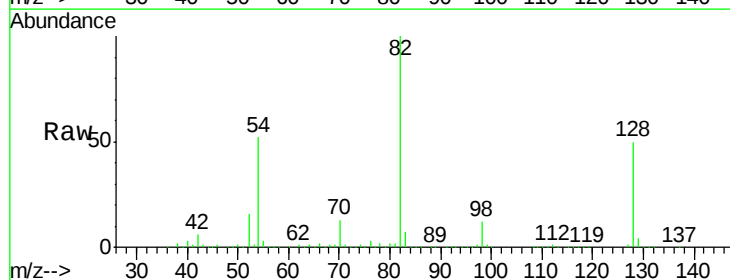
Tgt Ion: 82 Resp: 714987

Ion Ratio Lower Upper

82 100

128 49.9 34.6 52.0

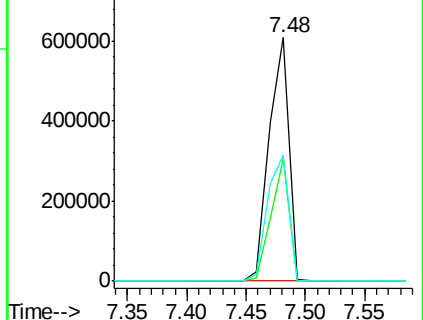
54 51.6 39.5 59.3

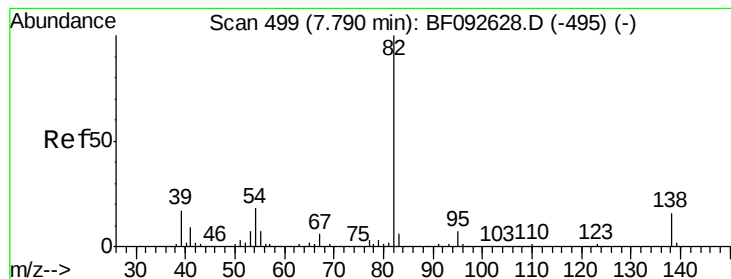


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.35 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.31 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

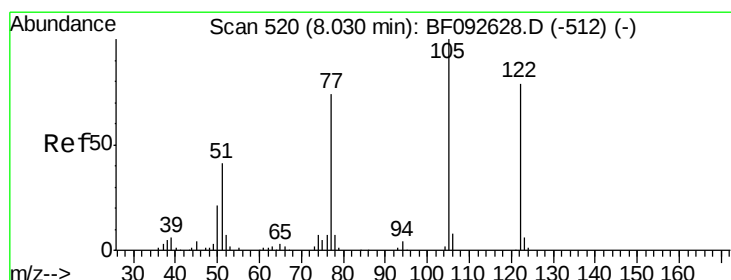
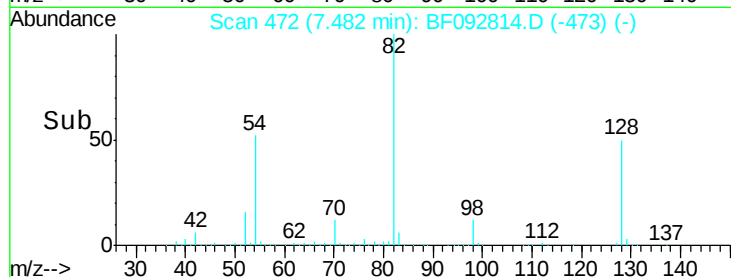
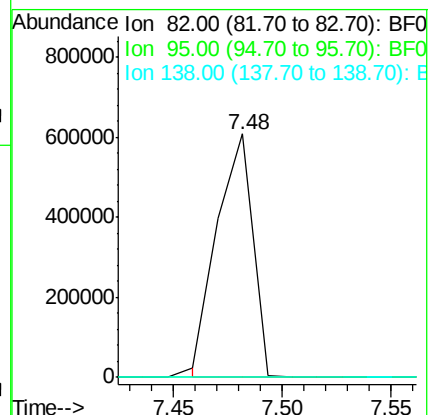
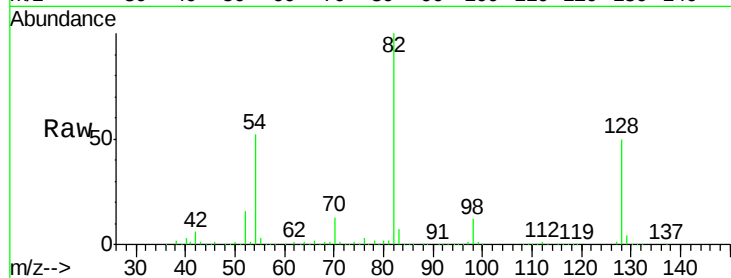
Tgt Ion: 82 Resp: 692376

Ion Ratio Lower Upper

82 100

95 0.3 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.39 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

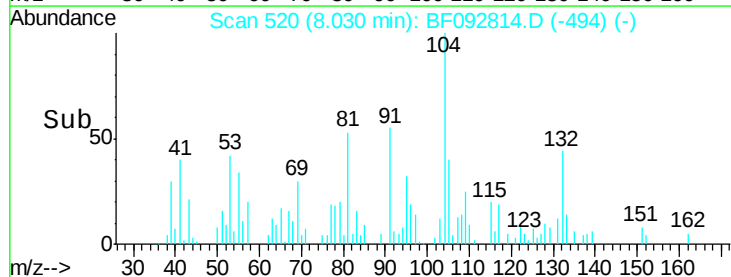
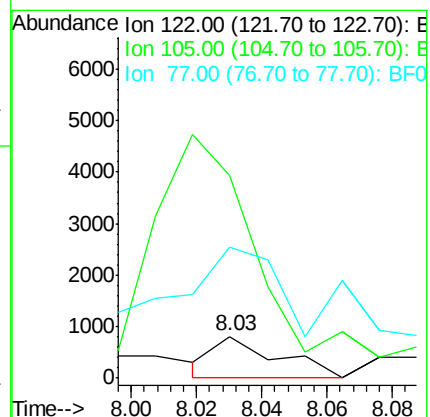
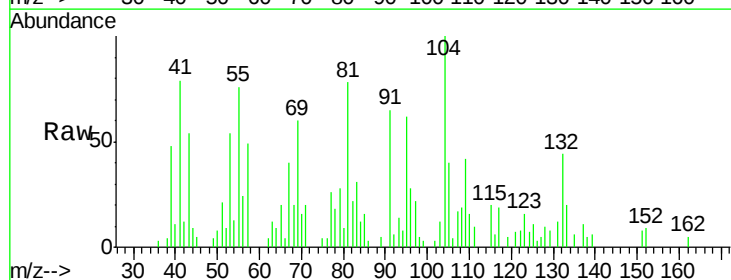
Tgt Ion: 122 Resp: 1097

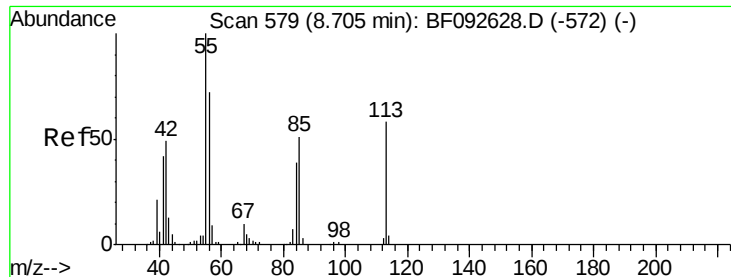
Ion Ratio Lower Upper

122 100

105 485.5 107.2 147.2#

77 312.5 74.5 114.5#

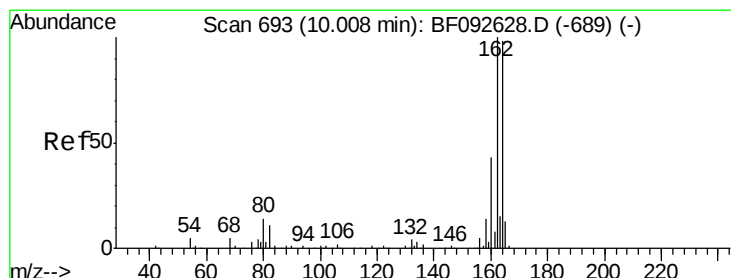
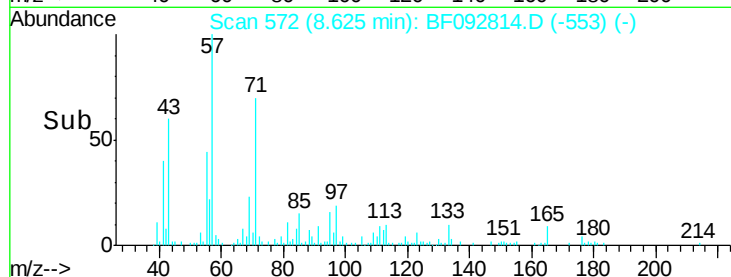
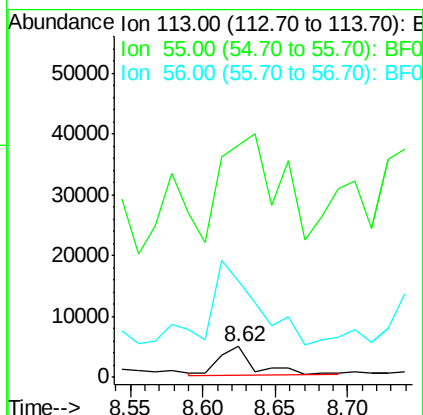
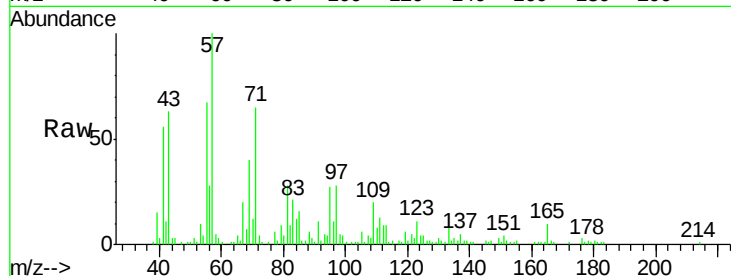




#35  
 Caprolactam  
 Concen: 3.81 ng  
 RT: 8.62 min Scan# 572  
 Delta R.T. -0.08 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

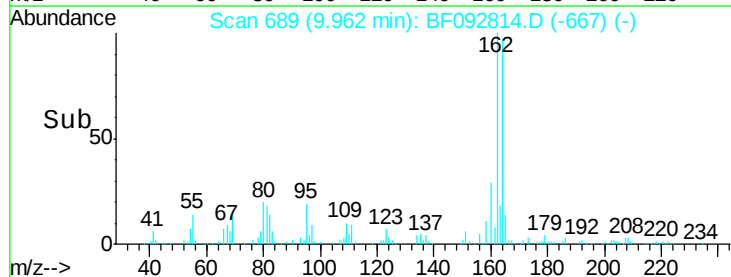
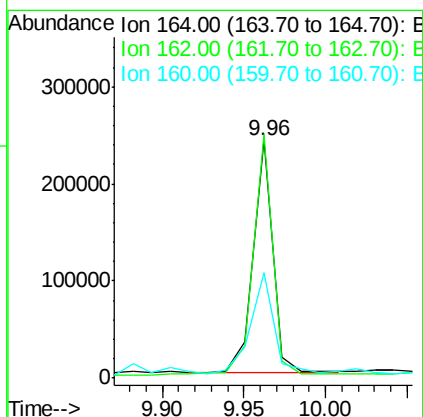
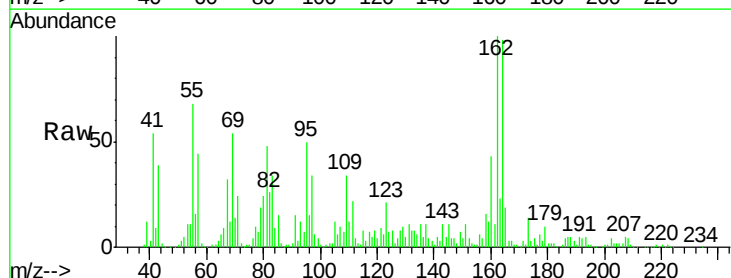
Instrument :  
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 DRUMS-SOIL-ROW-COMP

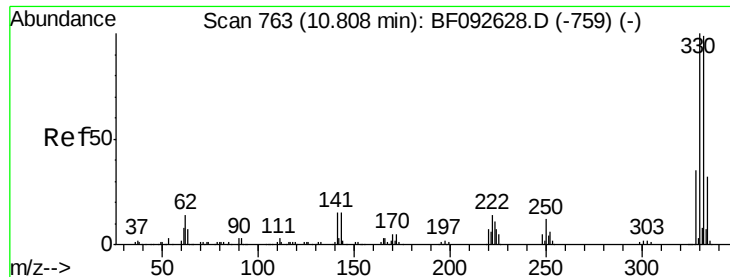
Tgt Ion:113 Resp: 8406  
 Ion Ratio Lower Upper  
 113 100  
 55 762.5 119.2 159.2#  
 56 317.1 83.8 123.8#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.96 min Scan# 689  
 Delta R.T. -0.05 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

Tgt Ion:164 Resp: 200597  
 Ion Ratio Lower Upper  
 164 100  
 162 102.4 80.2 120.2  
 160 44.5 36.9 55.3

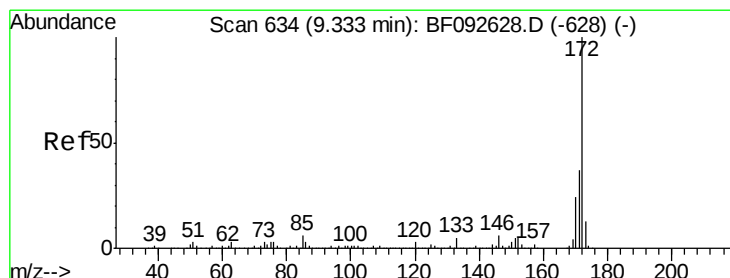
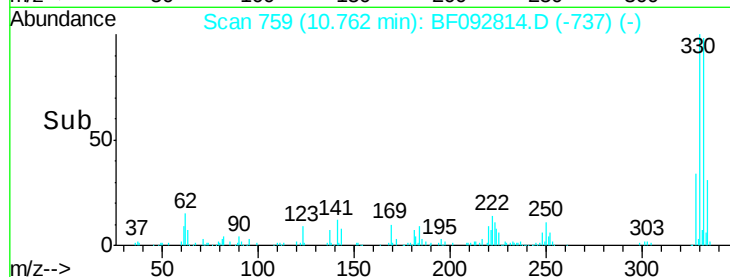
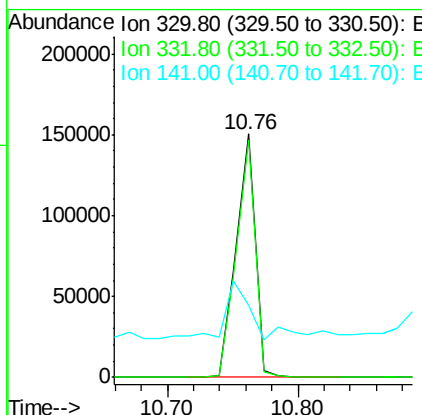
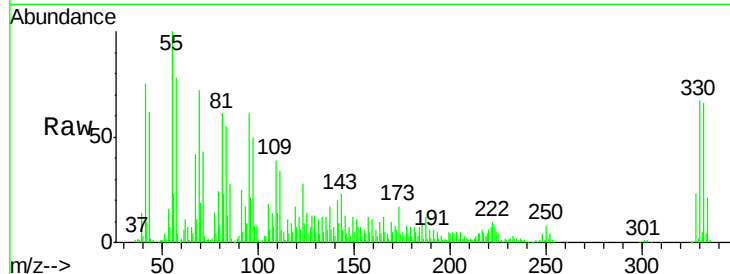




#41  
 2,4,6-Tribromophenol  
 Concen: 105.17 ng  
 RT: 10.76 min Scan# 759  
 Delta R.T. -0.05 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

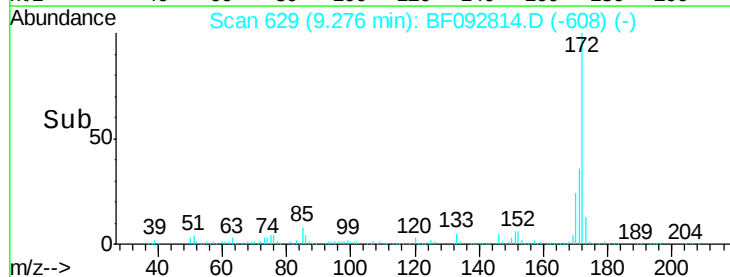
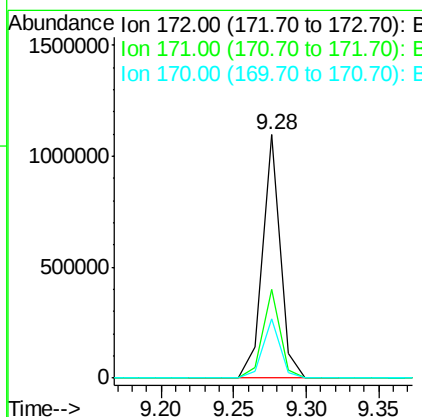
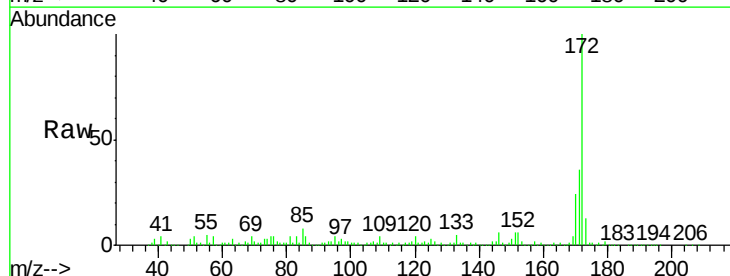
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUMS-SOIL-ROW-COMP

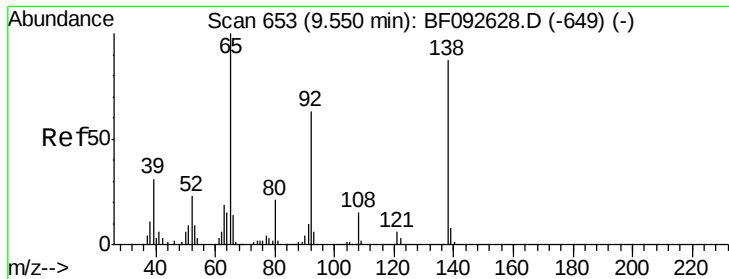
Tgt Ion:330 Resp: 152585  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.4 116.2  
 141 38.9 34.1 51.1



#44  
 2-Fluorobiphenyl  
 Concen: 84.25 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. -0.06 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

Tgt Ion:172 Resp: 932892  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.4 44.0  
 170 24.3 20.2 30.4

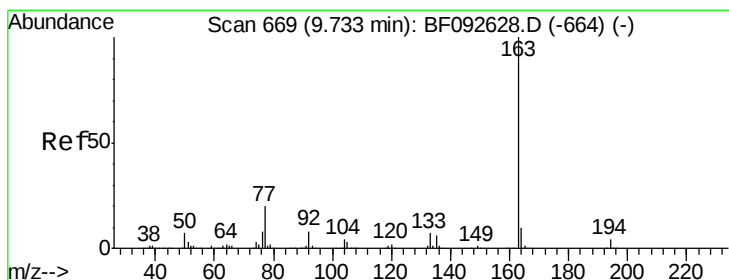
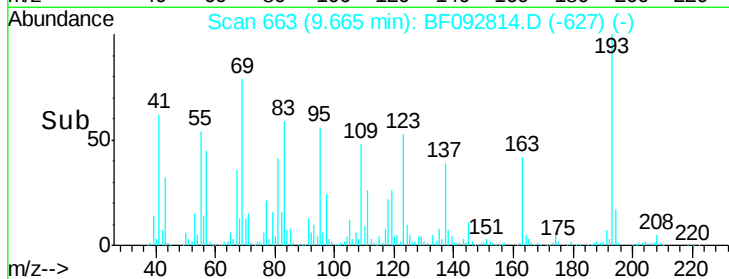
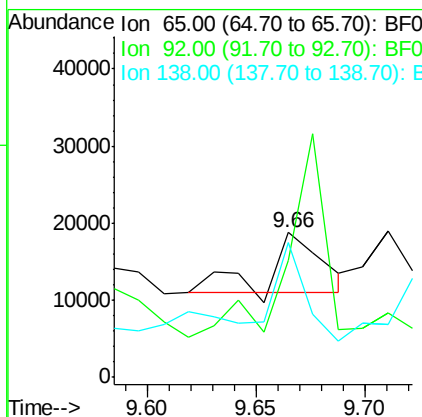
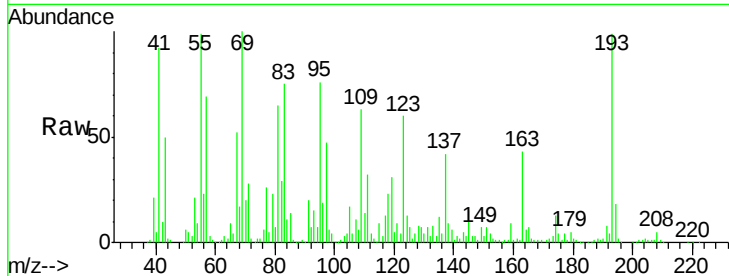




#47  
2-Nitroaniline  
Concen: 3.47 ng  
RT: 9.66 min Scan# 663  
Delta R.T. 0.11 min  
Lab File: BF092814.D  
Acq: 6 Feb 2017 23:43

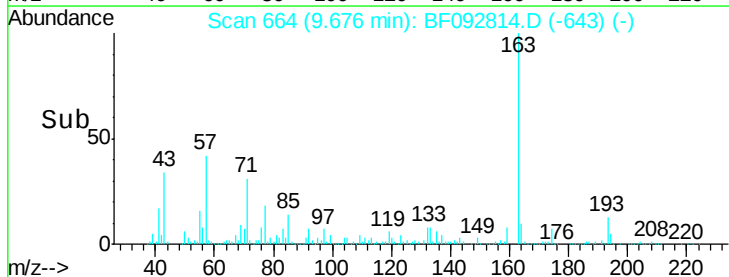
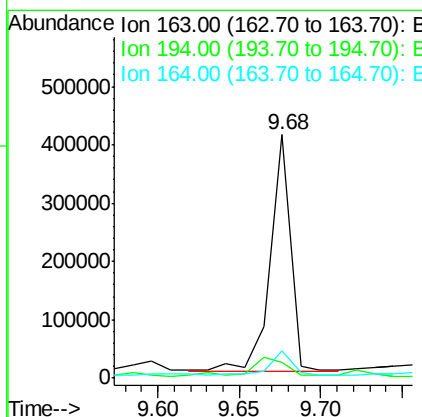
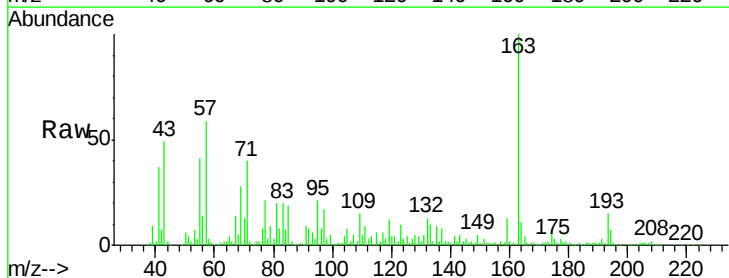
Instrument :  
BNA\_F  
ClientSampleId :  
DRUMS-SOIL-ROW-COMP

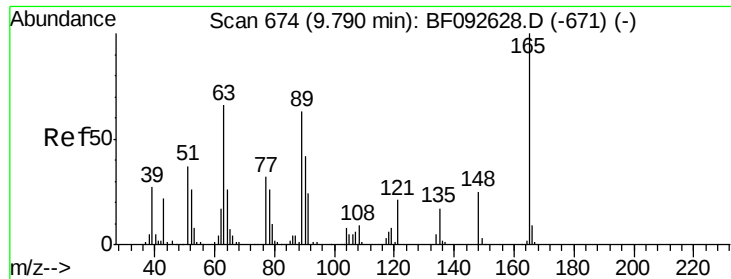
Tgt Ion: 65 Resp: 13270  
Ion Ratio Lower Upper  
65 100  
92 80.5 53.9 80.9  
138 93.3 76.8 115.2



#49  
Dimethylphthalate  
Concen: 26.29 ng  
RT: 9.68 min Scan# 664  
Delta R.T. -0.06 min  
Lab File: BF092814.D  
Acq: 6 Feb 2017 23:43

Tgt Ion: 163 Resp: 355236  
Ion Ratio Lower Upper  
163 100  
194 6.5 3.0 4.4#  
164 11.1 8.0 12.0

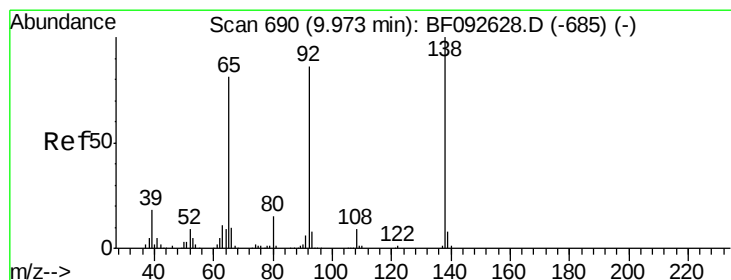
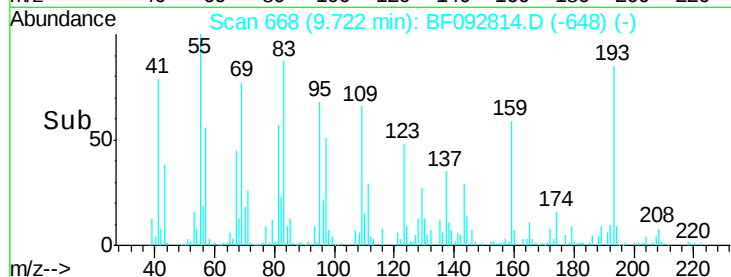
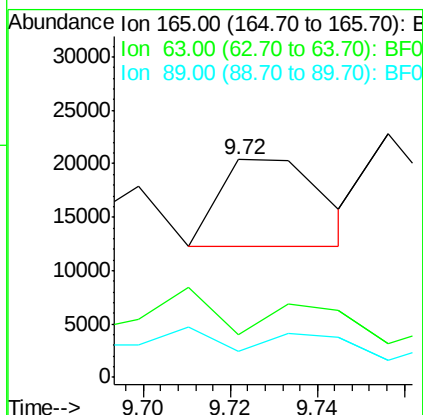
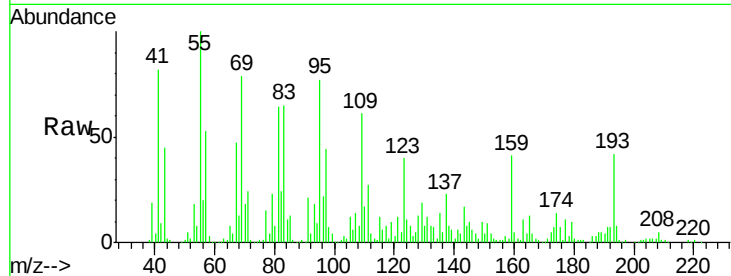




#50  
 2,6-Dinitrotoluene  
 Concen: 4.65 ng  
 RT: 9.72 min Scan# 668  
 Delta R.T. -0.07 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

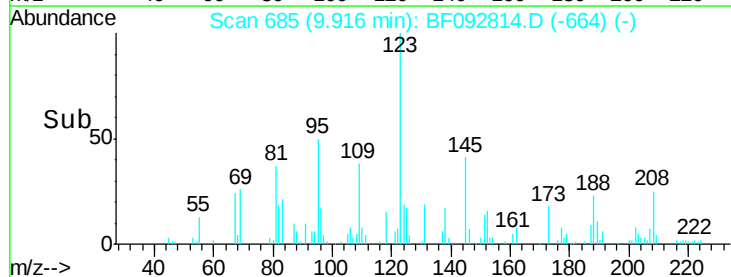
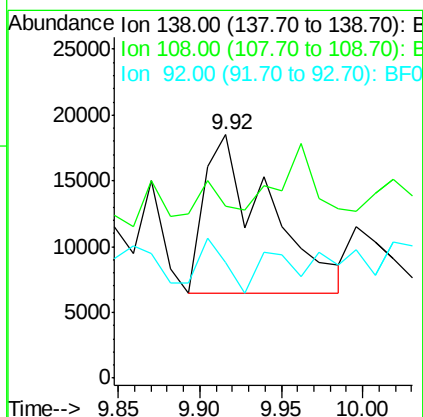
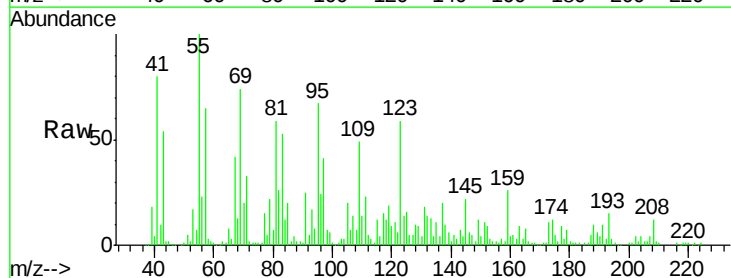
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DRUMS-SOIL-ROW-COMP

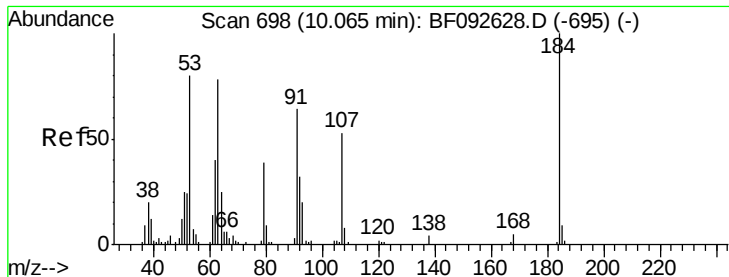
Tgt Ion:165 Resp: 13566  
 Ion Ratio Lower Upper  
 165 100  
 63 19.6 36.2 54.4#  
 89 12.0 40.2 60.4#



#52  
 3-Nitroaniline  
 Concen: 9.85 ng  
 RT: 9.92 min Scan# 685  
 Delta R.T. -0.06 min  
 Lab File: BF092814.D  
 Acq: 6 Feb 2017 23:43

Tgt Ion:138 Resp: 32897  
 Ion Ratio Lower Upper  
 138 100  
 108 70.5 8.5 12.7#  
 92 47.3 97.8 146.8#





#53

2,4-Dinitrophenol

Concen: 6.11 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.07 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

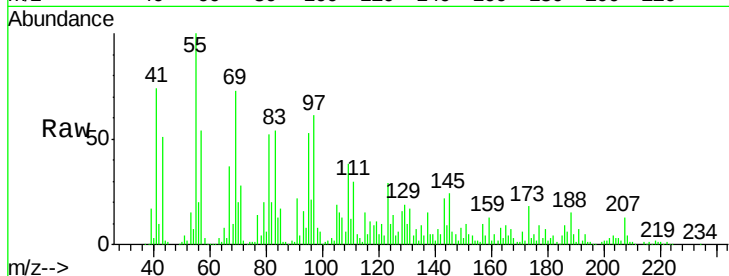
Tgt Ion:184 Resp: 2169

Ion Ratio Lower Upper

184 100

63 769.7 28.4 42.6#

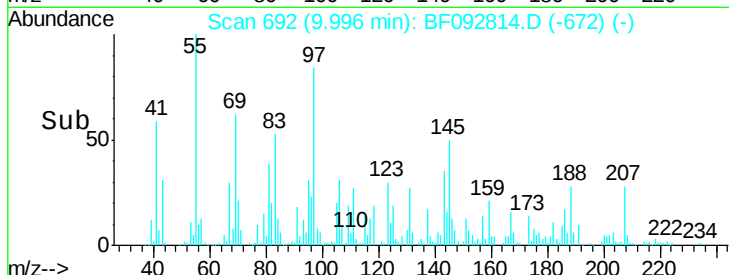
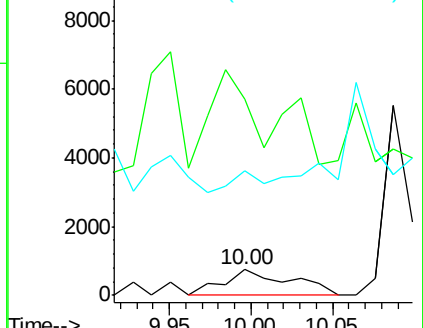
154 488.9 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 2.65 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

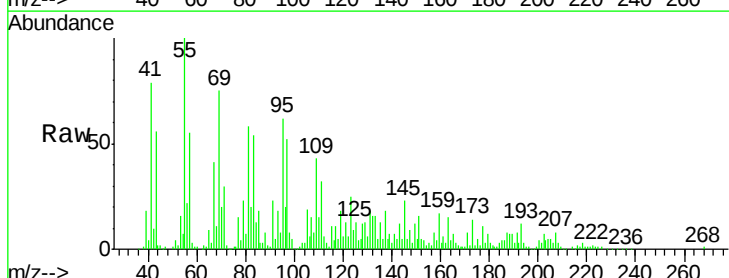
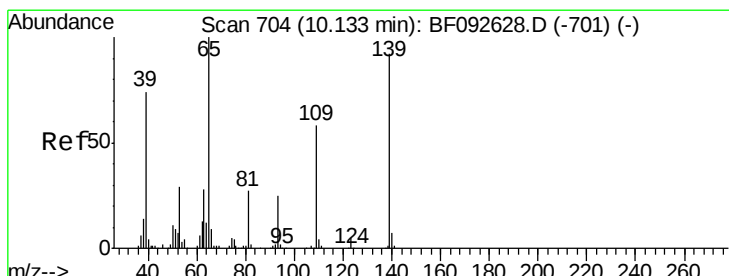
Tgt Ion:139 Resp: 6383

Ion Ratio Lower Upper

139 100

109 639.1 52.2 92.2#

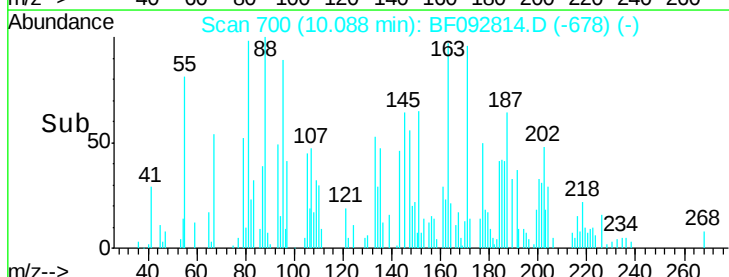
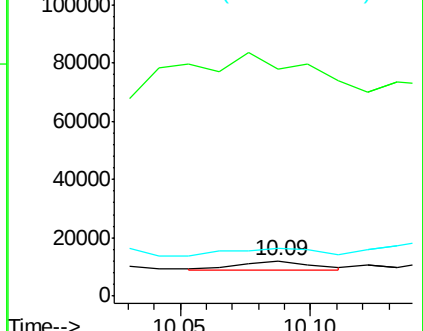
65 132.9 85.8 125.8#

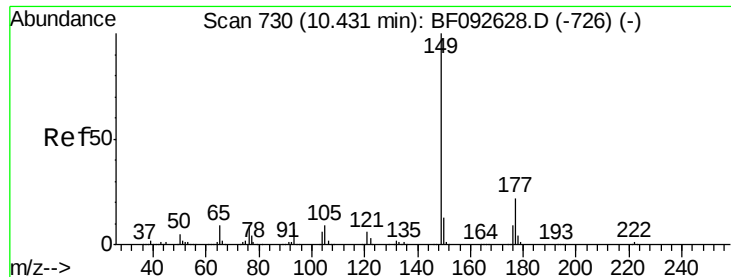


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

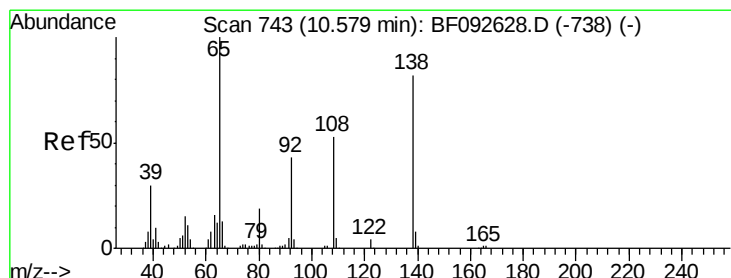
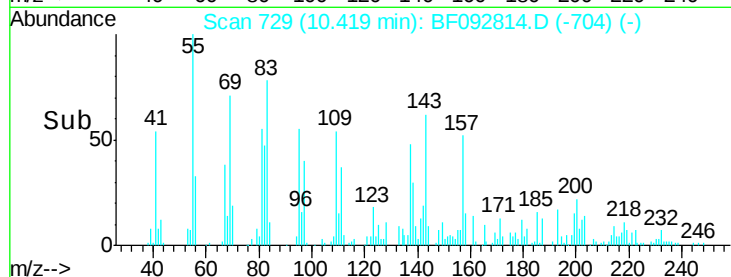
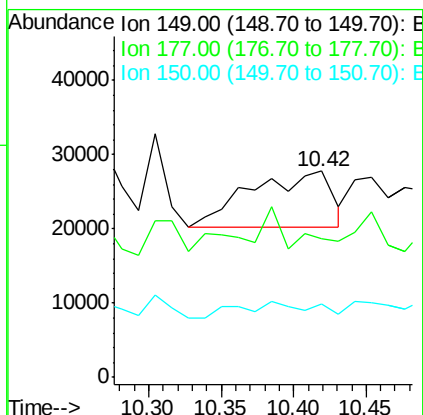
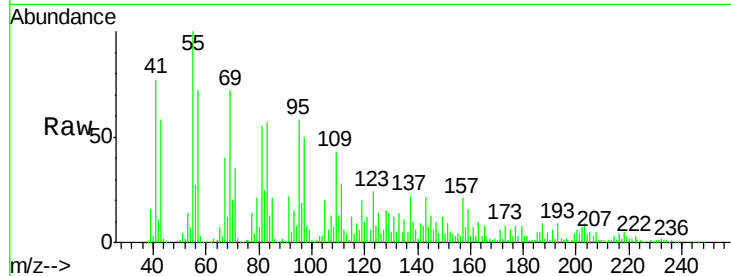




#59  
Diethylphthalate  
Concen: 2.31 ng  
RT: 10.42 min Scan# 729  
Delta R.T. -0.01 min  
Lab File: BF092814.D  
Acq: 6 Feb 2017 23:43

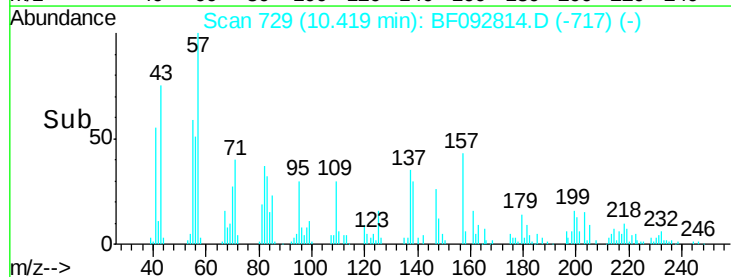
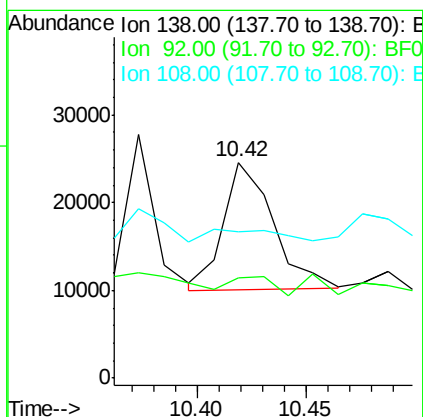
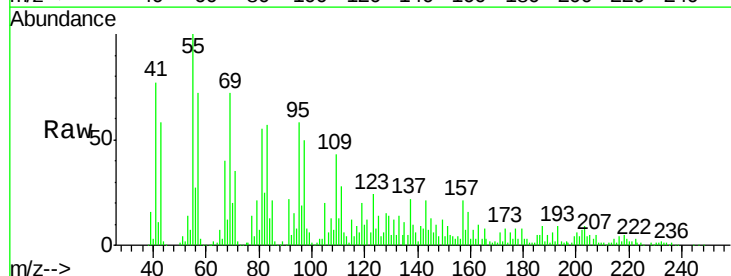
Instrument :  
BNA\_F  
ClientSampleId :  
DRUMS-SOIL-ROW-COMP

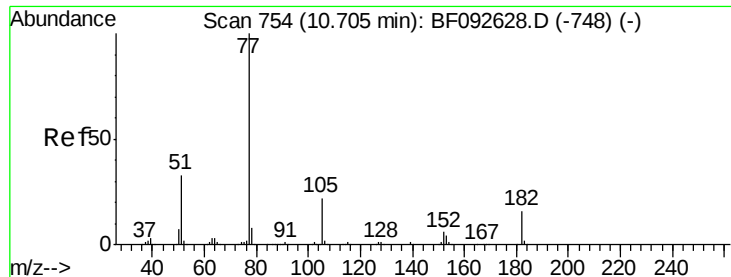
Tgt Ion:149 Resp: 29472  
Ion Ratio Lower Upper  
149 100  
177 67.5 16.6 25.0#  
150 35.8 10.4 15.6#



#61  
4-Nitroaniline  
Concen: 6.80 ng  
RT: 10.42 min Scan# 729  
Delta R.T. -0.16 min  
Lab File: BF092814.D  
Acq: 6 Feb 2017 23:43

Tgt Ion:138 Resp: 23260  
Ion Ratio Lower Upper  
138 100  
92 46.5 31.7 71.7  
108 67.7 52.6 92.6





#62

Azobenzene

Concen: 3.37 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

Tgt Ion: 77 Resp: 44294

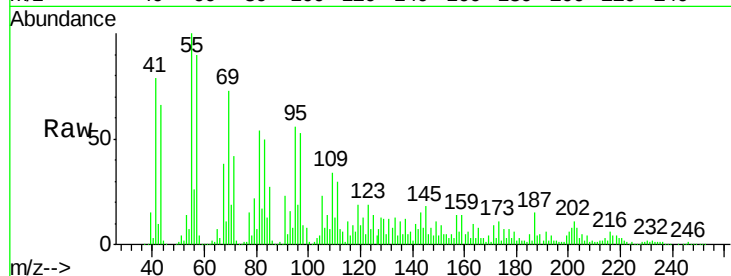
Ion Ratio Lower Upper

77 100

182 12.2 0.0 39.3

105 157.8 2.3 42.3#

51 26.1 8.9 48.9

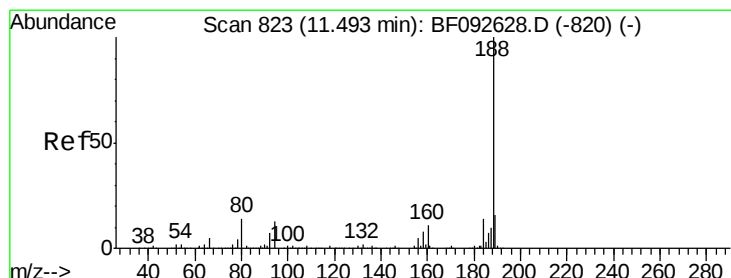
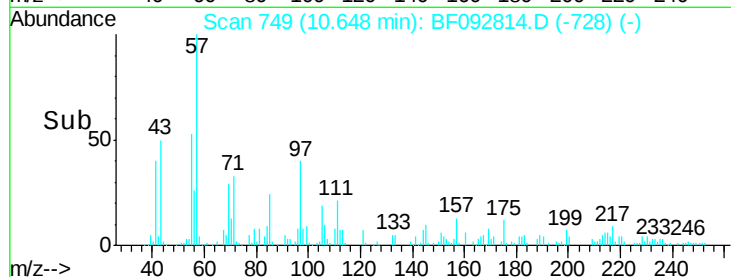
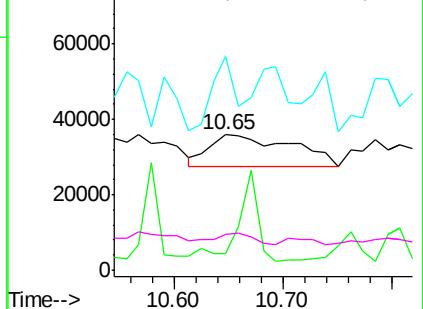


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

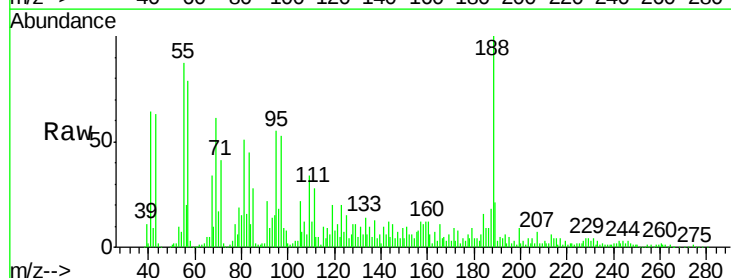
Tgt Ion: 188 Resp: 261877

Ion Ratio Lower Upper

188 100

94 14.6 10.0 15.0

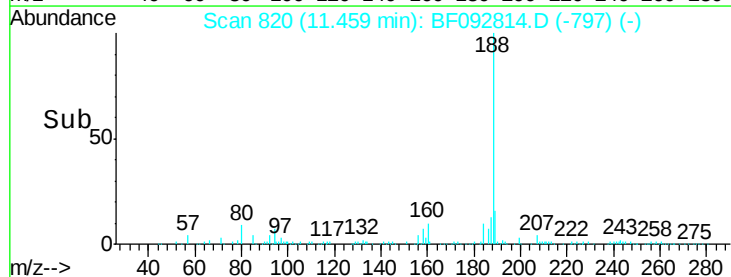
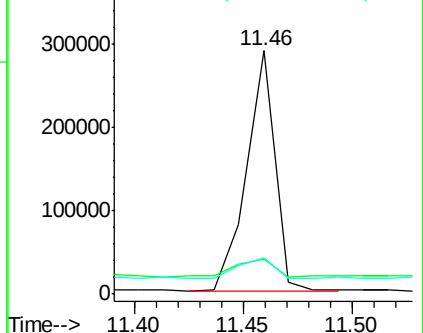
80 14.7 11.2 16.8

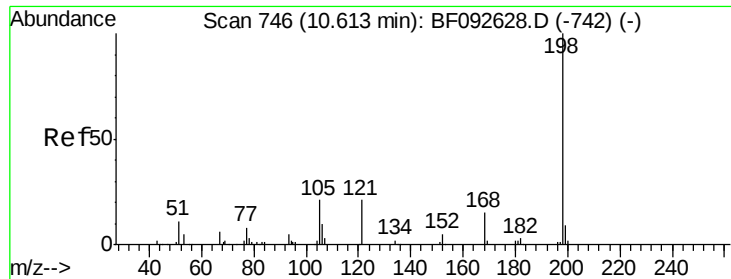


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.64 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

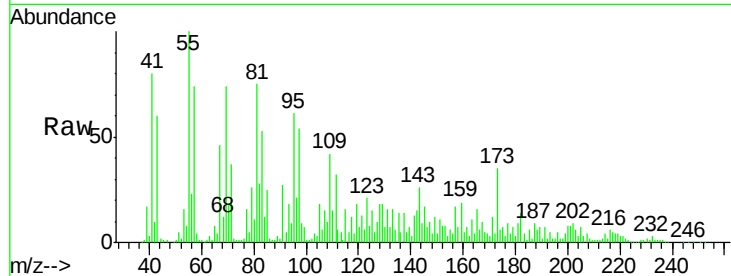
Tgt Ion:198 Resp: 3320

Ion Ratio Lower Upper

198 100

51 292.9 6.7 46.7#

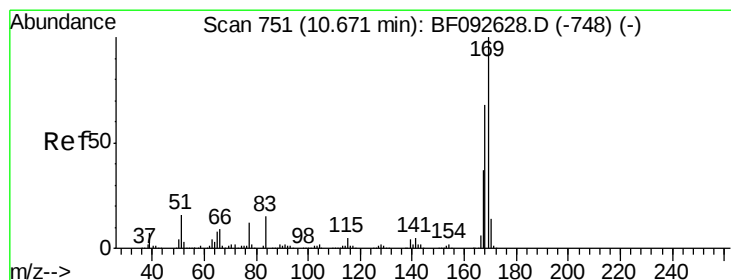
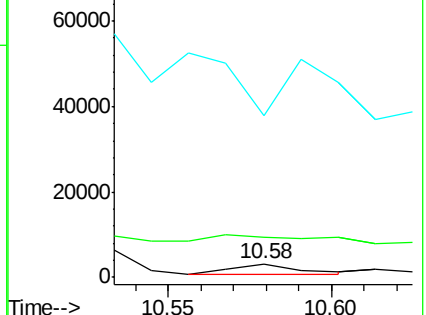
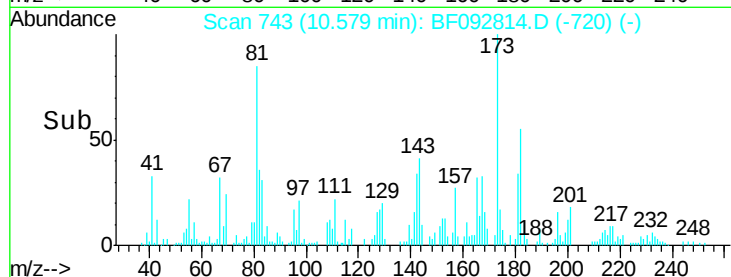
105 1168.1 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 3.67 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

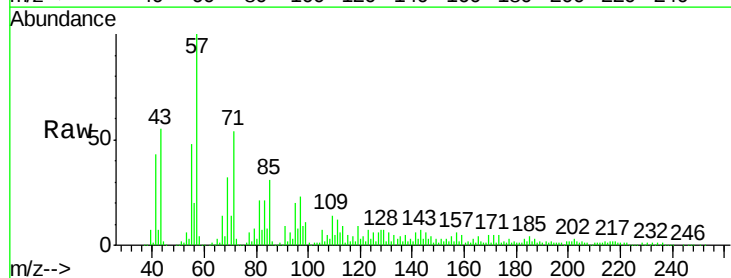
Tgt Ion:169 Resp: 30663

Ion Ratio Lower Upper

169 100

168 27.7 54.2 81.2#

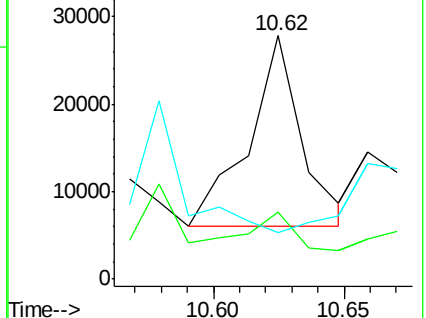
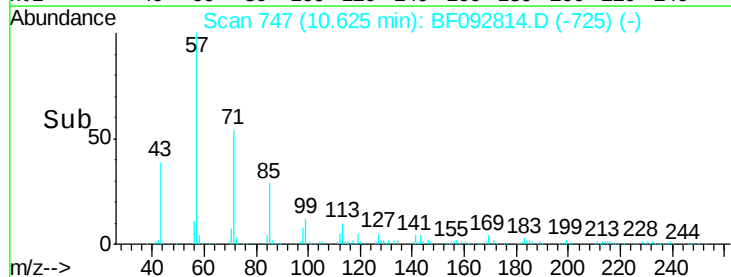
167 19.1 30.2 45.4#

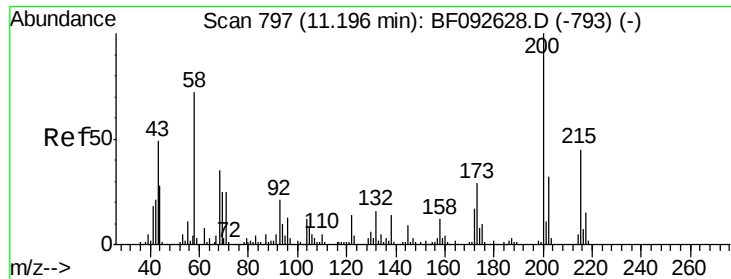


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

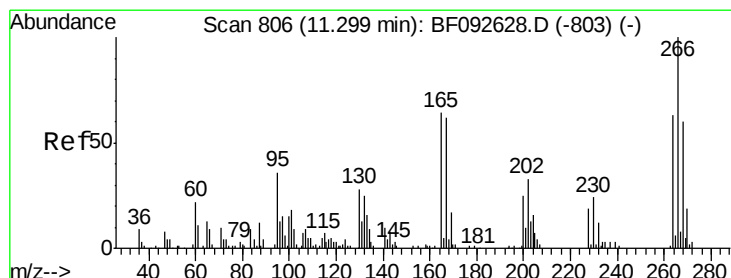
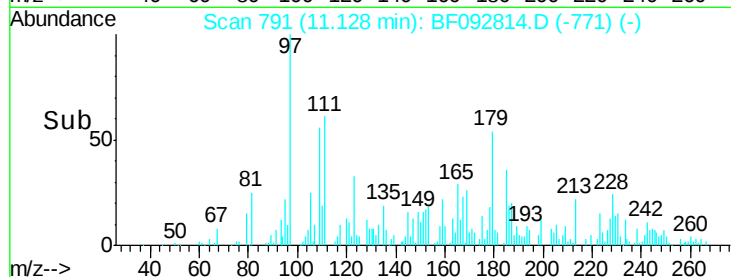
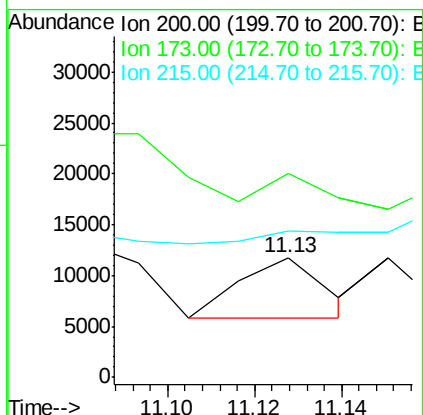
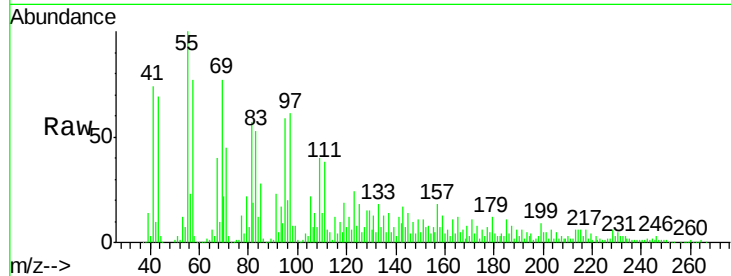




#68  
Atrazine  
Concen: 2.91 ng  
RT: 11.13 min Scan# 791  
Delta R.T. -0.07 min  
Lab File: BF092814.D  
Acq: 6 Feb 2017 23:43

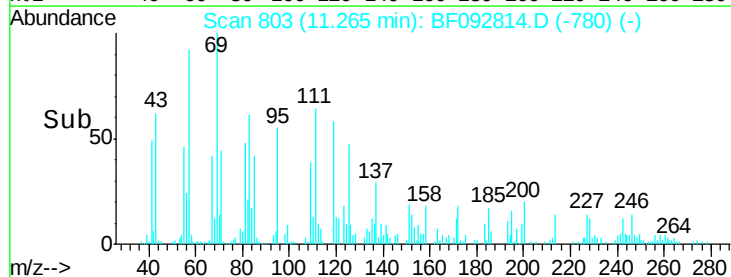
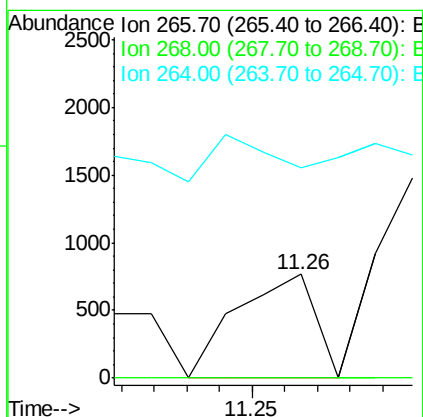
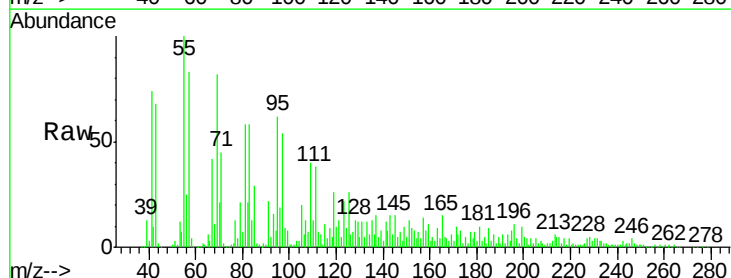
Instrument :  
BNA\_F  
ClientSampleId :  
DRUMS-SOIL-ROW-COMP

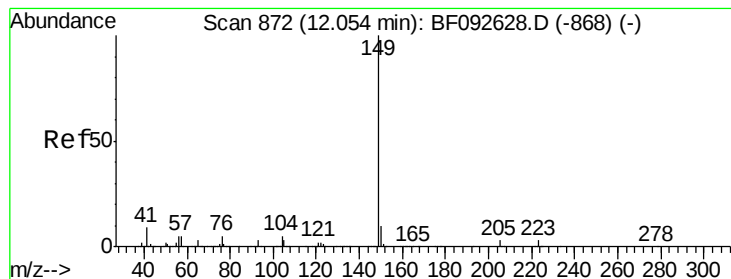
Tgt Ion:200 Resp: 7817  
Ion Ratio Lower Upper  
200 100  
173 170.1 9.6 49.6#  
215 122.2 25.7 65.7#



#69  
Pentachlorophenol  
Concen: 8.03 ng  
RT: 11.26 min Scan# 803  
Delta R.T. -0.03 min  
Lab File: BF092814.D  
Acq: 6 Feb 2017 23:43

Tgt Ion:266 Resp: 1274  
Ion Ratio Lower Upper  
266 100  
268 0.0 53.3 79.9#  
264 203.5 50.3 75.5#





#73

Di-n-butylphthalate

Concen: 4.12 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.05 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

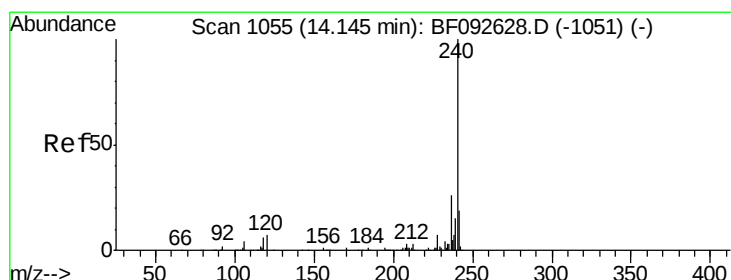
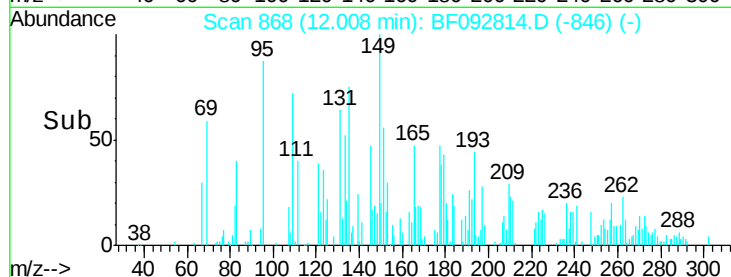
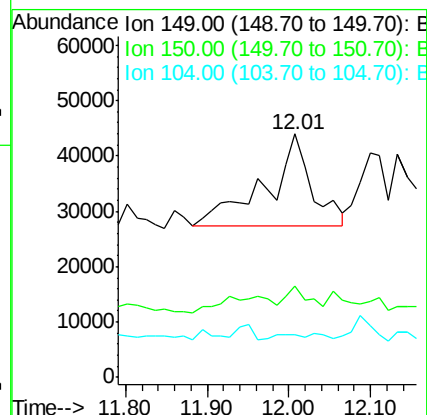
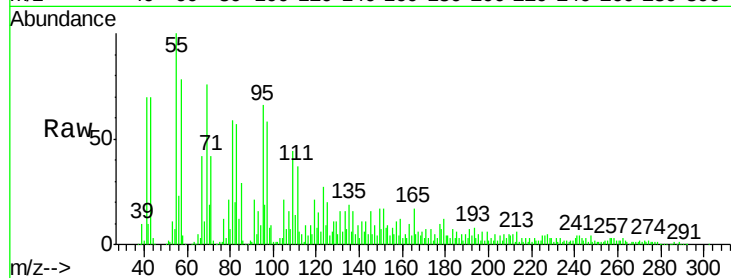
Tgt Ion:149 Resp: 64115

Ion Ratio Lower Upper

149 100

150 37.4 8.1 12.1#

104 17.5 4.6 7.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

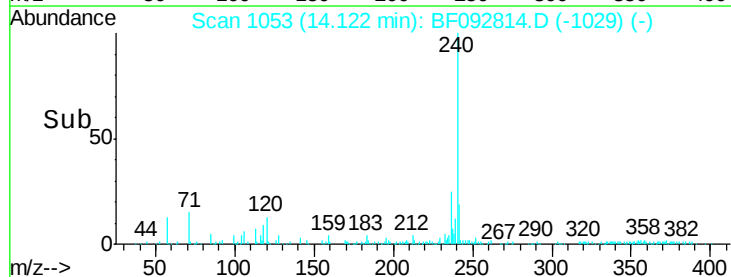
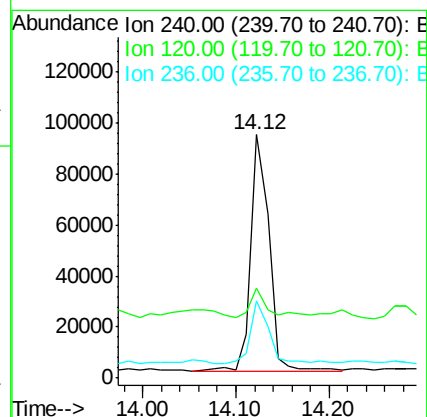
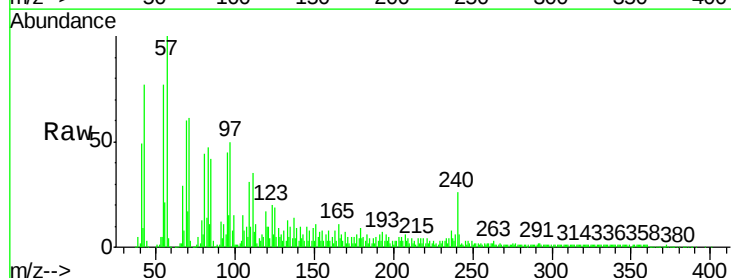
Tgt Ion:240 Resp: 124544

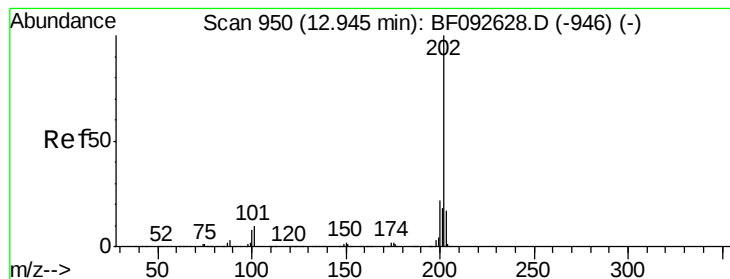
Ion Ratio Lower Upper

240 100

120 37.2 12.9 19.3#

236 31.7 20.9 31.3#





#77

Pyrene

Concen: 2.30 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

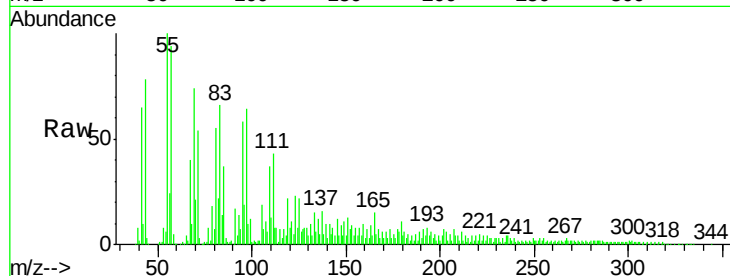
Tgt Ion:202 Resp: 21402

Ion Ratio Lower Upper

202 100

200 33.1 17.7 26.5#

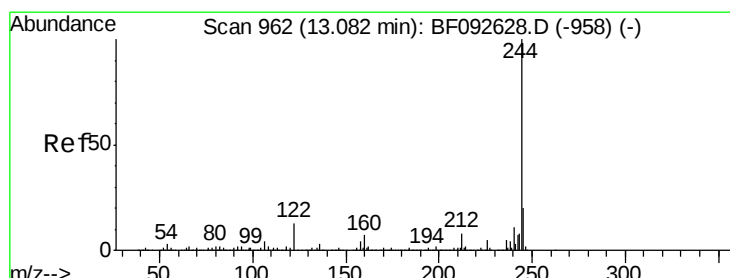
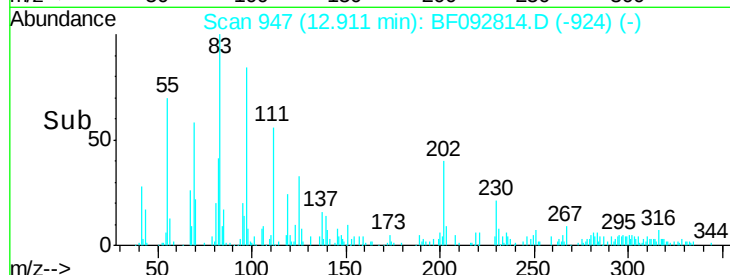
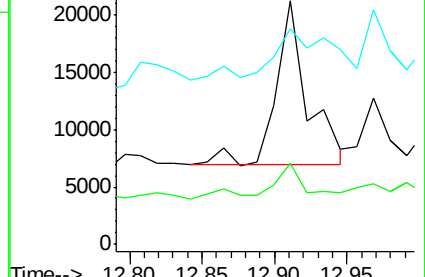
203 88.2 14.7 22.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.00 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

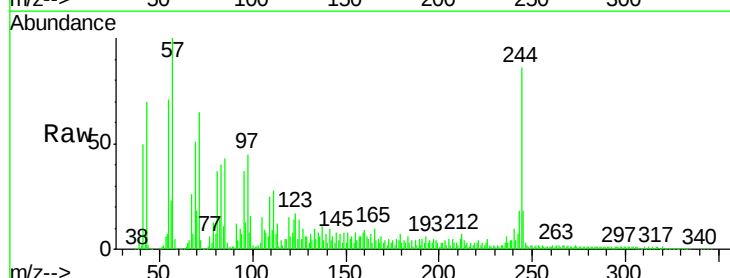
Tgt Ion:244 Resp: 429349

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

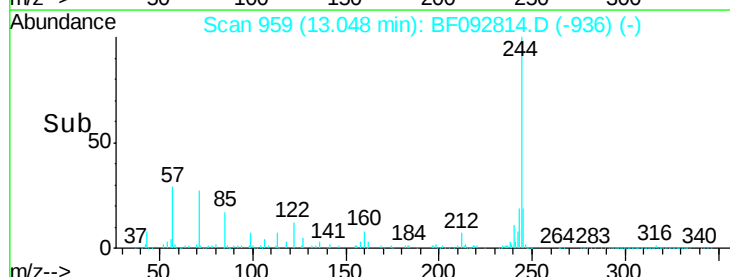
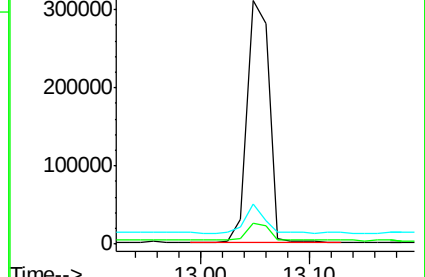
122 16.6 11.4 17.2

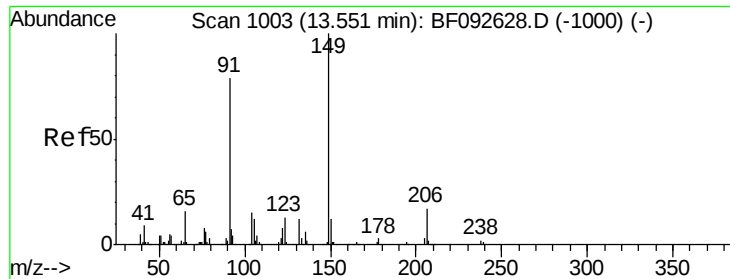


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.59 ng

RT: 13.56 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA\_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

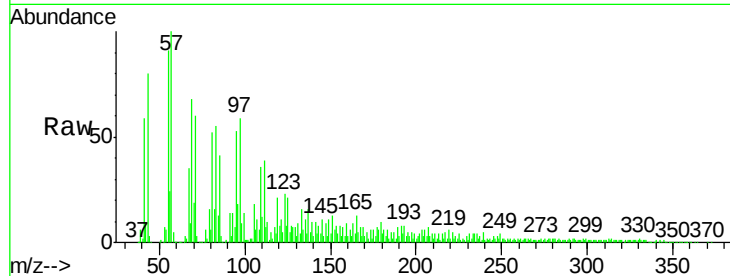
Tgt Ion:149 Resp: 9808

Ion Ratio Lower Upper

149 100

91 132.9 63.9 95.9#

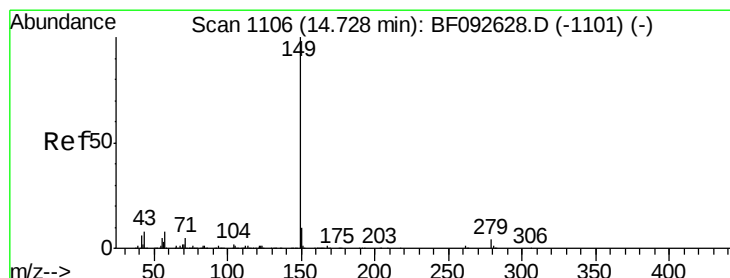
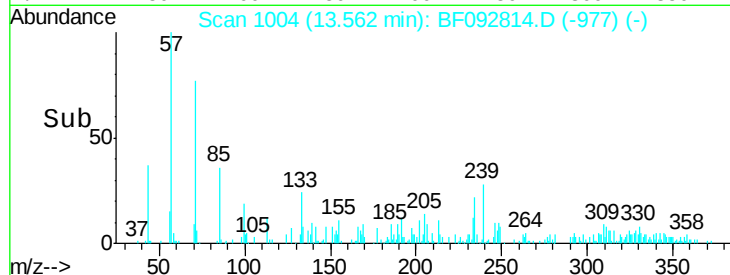
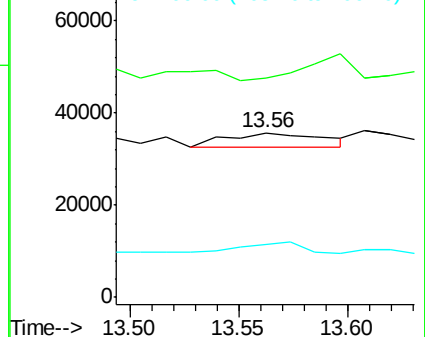
206 32.4 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#84

Di-n-octyl phthalate

Concen: 2.29 ng

RT: 14.74 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

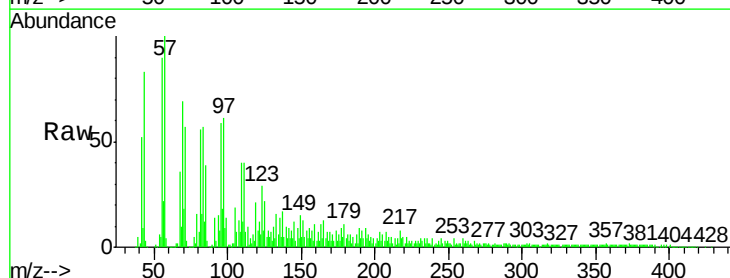
Tgt Ion:149 Resp: 19314

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

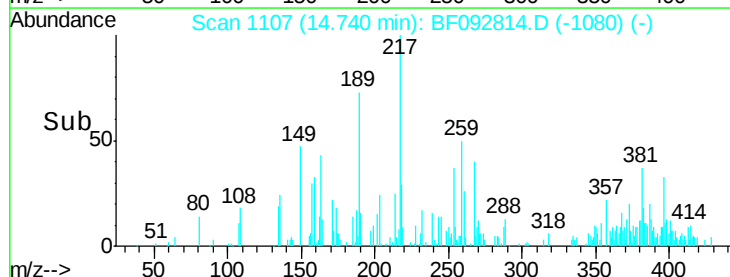
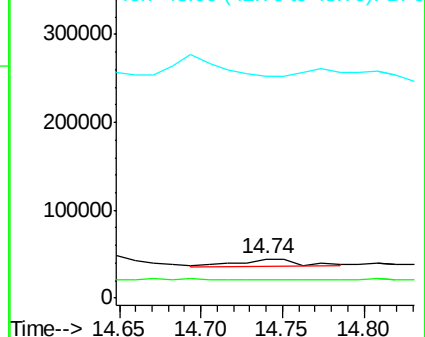
43 0.0 8.9 13.3#

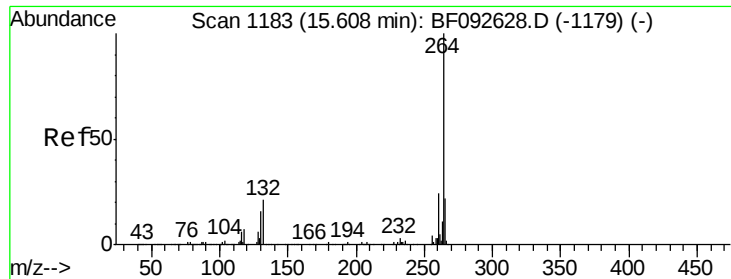


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

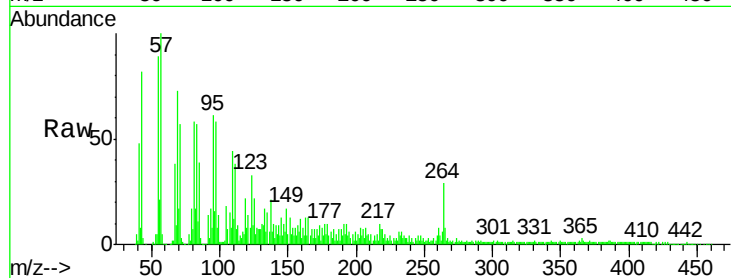




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.62 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: BF092814.D  
Acq: 6 Feb 2017 23:43

Instrument :  
BNA\_F  
ClientSampleId :  
DRUMS-SOIL-ROW-COMP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 27.4  | 19.2  | 28.8  |
| 265     | 26.4  | 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

