

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 01:39:21 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               |      |     |         | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 2.35 | 88  | 1192    | 0.164  | ng | # 49  |
| 4) n-Nitrosodimethylamine      | 2.98 | 42  | 125     | 0.013  | ng | # 1   |
| 6) Aniline                     | 6.33 | 93  | 3032    | 0.135  | ng | # 1   |
| 8) 2-Chlorophenol              | 6.45 | 128 | 836     | 0.054  | ng | # 1   |
| 9) Benzaldehyde                | 6.32 | 77  | 4807    | 0.411  | ng | # 1   |
| 10) Phenol                     | 6.33 | 94  | 93618   | 4.507  | ng | # 63  |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 3458    | 0.221  | ng | # 1   |
| 12) 1,3-Dichlorobenzene        | 6.61 | 146 | 122     | 0.008  | ng | # 26  |
| 13) 1,4-Dichlorobenzene        | 6.61 | 146 | 122     | 0.008  | ng | # 25  |
| 14) 1,2-Dichlorobenzene        | 6.83 | 146 | 1155    | 0.079  | ng | # 1   |
| 15) Benzyl Alcohol             | 6.82 | 79  | 26313   | 2.211  | ng | # 37  |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45  | 685     | 0.027  | ng | # 70  |
| 17) 2-Methylphenol             | 6.86 | 107 | 109     | 0.009  | ng | # 25  |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 200459  | 17.819 | ng | # 79  |
| 20) 3+4-Methylphenols          | 7.07 | 107 | 115     | 0.007  | ng | # 36  |
| 22) Acetophenone               | 7.09 | 105 | 806     | 0.036  | ng | # 85  |
| 24) Nitrobenzene               | 7.23 | 77  | 4642    | 0.261  | ng | # 36  |
| 25) Isophorone                 | 7.24 | 82  | 1453625 | 45.974 | ng | # 67  |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 118     | 0.009  | ng | # 60  |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93  | 317     | 0.016  | ng | # 1   |
| 31) Naphthalene                | 7.97 | 128 | 1335    | 0.031  | ng | # 68  |
| 32) Benzoic acid               | 7.78 | 122 | 116     | 7.980  | ng | # 1   |
| 35) Caprolactam                | 8.38 | 113 | 107     | 0.027  | ng | # 1   |
| 36) 4-Chloro-3-methylphenol    | 8.53 | 107 | 115     | 0.008  | ng | # 14  |
| 37) 2-Methylnaphthalene        | 8.67 | 142 | 342     | 0.013  | ng | # 63  |
| 45) 1,1'-Biphenyl              | 9.13 | 154 | 4513    | 0.126  | ng | # 94  |
| 47) 2-Nitroaniline             | 9.15 | 65  | 254     | 0.026  | ng | # 7   |
| 48) Acenaphthylene             | 9.56 | 152 | 1038    | 0.027  | ng | # 53  |
| 49) Dimethylphthalate          | 9.42 | 163 | 450102  | 14.518 | ng | # 100 |
| 50) 2,6-Dinitrotoluene         | 9.42 | 165 | 5246    | 0.824  | ng | # 1   |
| 51) Acenaphthene               | 9.73 | 154 | 575     | 0.024  | ng | # 93  |
| 54) Dibenzofuran               | 9.91 | 168 | 888     | 0.028  | ng | # 45  |
| 55) 4-Nitrophenol              | 9.77 | 139 | 113     | 0.026  | ng | # 1   |
| 56) 2,4-Dinitrotoluene         | 9.70 | 165 | 48704   | 6.291  | ng | # 33  |

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

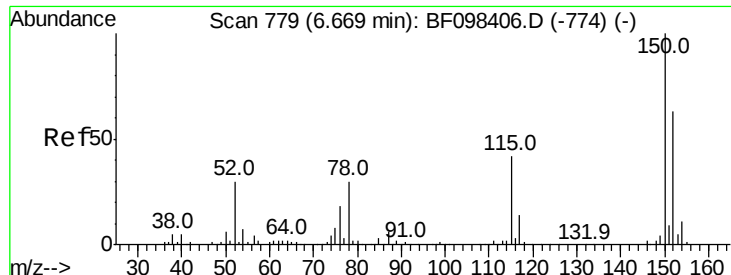
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

Quant Time: Sep 12 01:39:21 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) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 57) Fluorene                   | 10.25 | 166  | 778      | 0.029 | ng    | # 38     |
| 59) Diethylphthalate           | 10.12 | 149  | 1955     | 0.066 | ng    | # 93     |
| 61) 4-Nitroaniline             | 10.49 | 138  | 284      | 0.037 | ng    | # 1      |
| 62) Azobenzene                 | 10.41 | 77   | 3921     | 0.123 | ng    | # 15     |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 993      | 5.164 | ng    | # 1      |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 15588    | 0.660 | ng    | # 45     |
| 66) 4-Bromophenyl-phenylether  | 10.49 | 248  | 31547    | 4.569 | ng    | # 1      |
| 70) Phenanthrene               | 11.20 | 178  | 8507     | 0.221 | ng    | # 92     |
| 71) Anthracene                 | 11.25 | 178  | 3367     | 0.085 | ng    | # 57     |
| 72) Carbazole                  | 11.42 | 167  | 1506     | 0.041 | ng    | # 75     |
| 73) Di-n-butylphthalate        | 11.74 | 149  | 6523     | 0.148 | ng    | # 92     |
| 74) Fluoranthene               | 12.39 | 202  | 15068    | 0.390 | ng    | # 96     |
| 76) Benzidine                  | 12.77 | 184  | 25378    | 1.207 | ng    | # 92     |
| 77) Pyrene                     | 12.62 | 202  | 14008    | 0.374 | ng    | # 96     |
| 79) Butylbenzylphthalate       | 13.23 | 149  | 1653     | 0.102 | ng    | # 54     |
| 80) Benzo(a)anthracene         | 13.80 | 228  | 8203     | 0.294 | ng    | # 94     |
| 82) Chrysene                   | 13.80 | 228  | 8203     | 0.291 | ng    | # 97     |
| 83) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 9018     | 0.442 | ng    | # 89     |
| 84) Di-n-octyl phthalate       | 14.41 | 149  | 410      | 0.012 | ng    | # 1      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.55 | 276  | 2852     | 0.144 | ng    | # 68     |
| 87) Benzo(b)fluoranthene       | 14.82 | 252  | 10714    | 0.492 | ng    | # 94     |
| 88) Benzo(k)fluoranthene       | 14.82 | 252  | 10714    | 0.527 | ng    | # 97     |
| 89) Benzo(a)pyrene             | 15.16 | 252  | 5517     | 0.284 | ng    | # 88     |
| 90) Dibenzo(a,h)anthracene     | 16.56 | 278  | 929      | 0.066 | ng    | # 53     |
| 91) Benzo(g,h,i)perylene       | 16.96 | 276  | 3488     | 0.246 | ng    | # 76     |

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



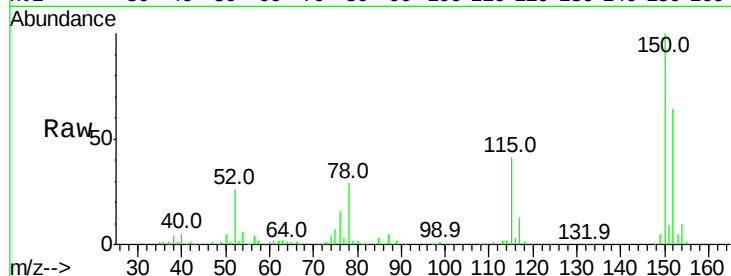


#1

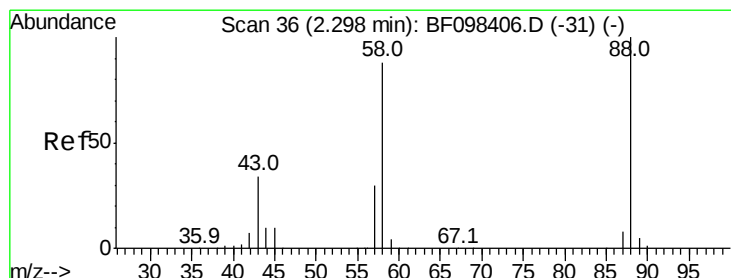
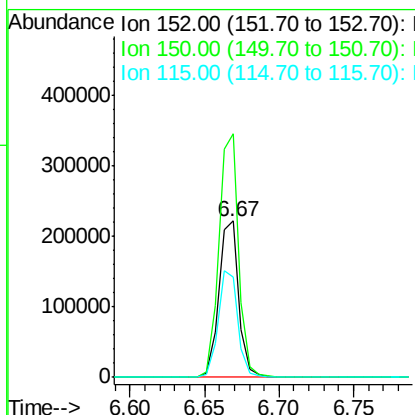
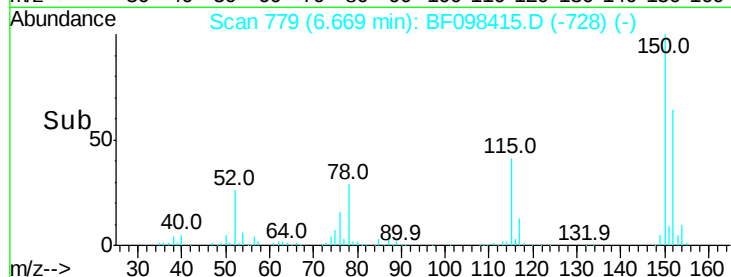
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.67 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

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



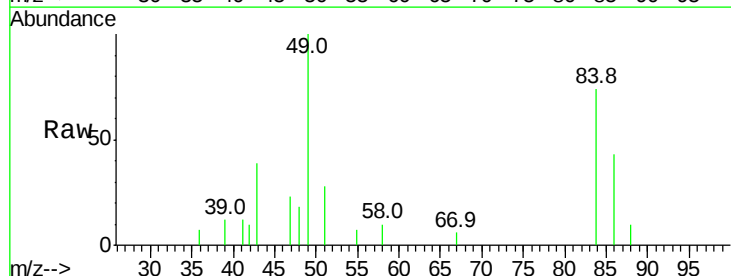
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



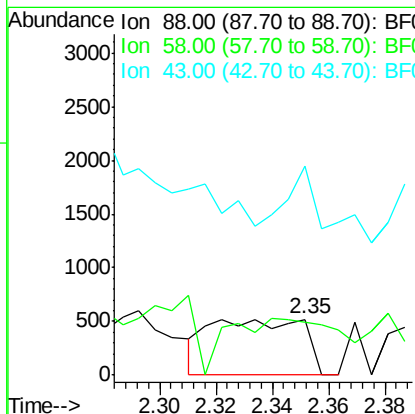
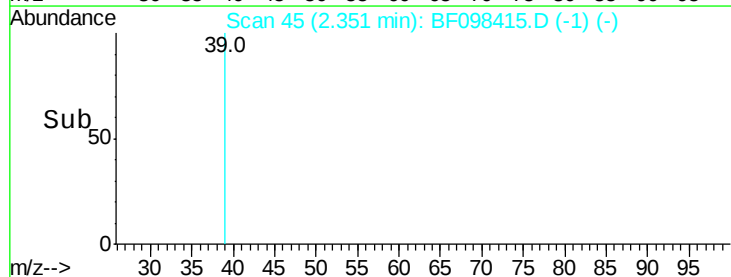
#2

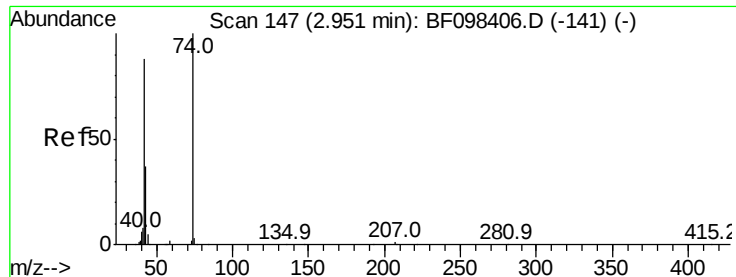
1,4-Dioxane  
 Concen: 0.164 ng  
 RT: 2.35 min Scan# 45  
 Delta R.T. 0.05 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Tgt Ion: 88 Resp: 1192  
 Ion Ratio Lower Upper  
 88 100  
 58 119.9 61.4 92.0#  
 43 58.3 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0  
 Ion 58.00 (57.70 to 58.70): BF0  
 Ion 43.00 (42.70 to 43.70): BF0



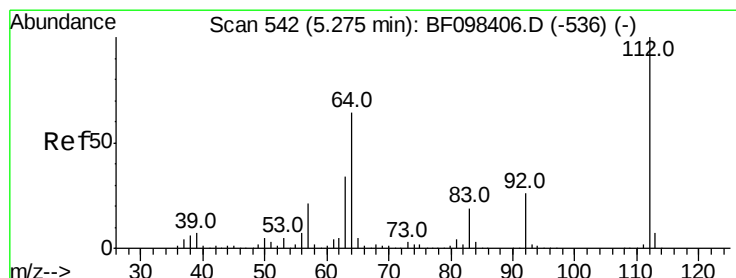
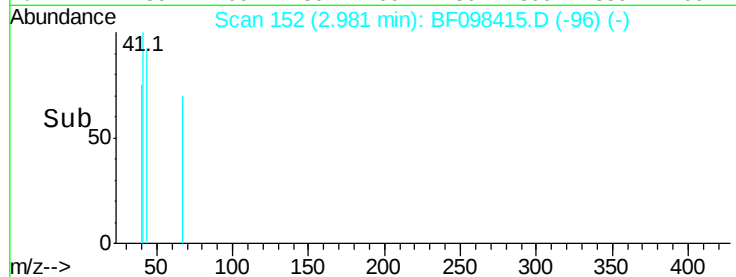
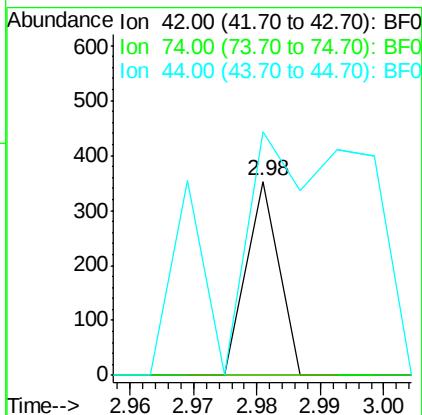
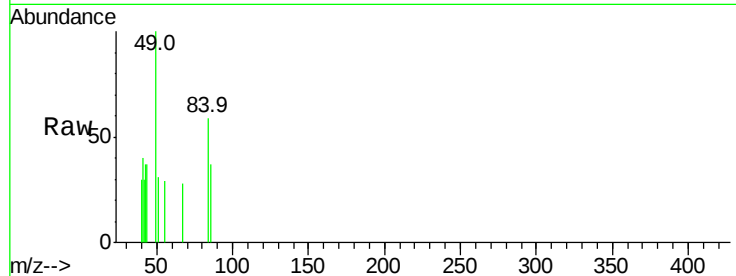


#4

n-Nitrosodimethylamine  
 Concen: 0.013 ng  
 RT: 2.98 min Scan# 152  
 Delta R.T. 0.03 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

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

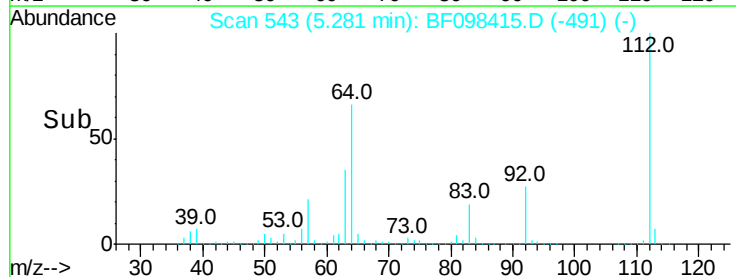
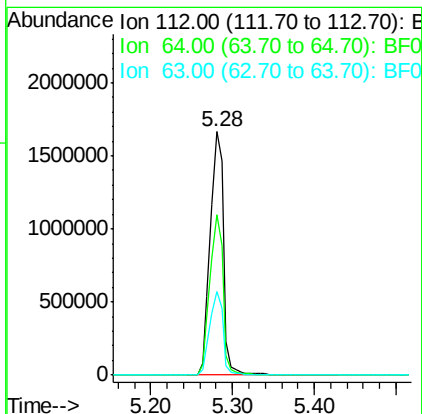
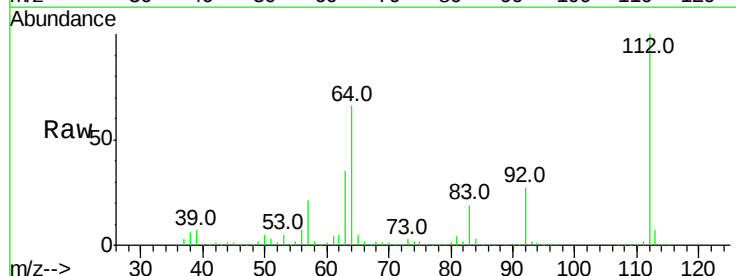
Tot Ion: 42 Resp: 125  
 Ion Ratio Lower Upper  
 42 100  
 74 0.0 103.9 155.9#  
 44 125.5 5.7 8.5#

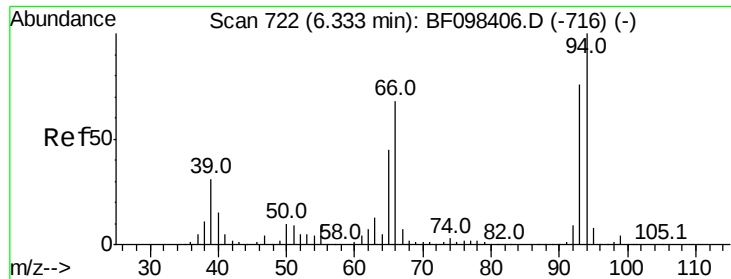


#5

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





#6

Aniline

Concen: 0.135 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

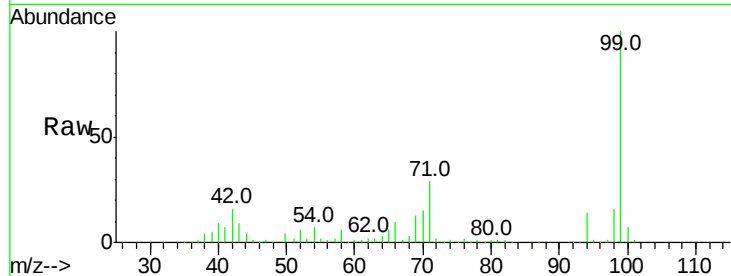
Tot Ion: 93 Resp: 3032

Ion Ratio Lower Upper

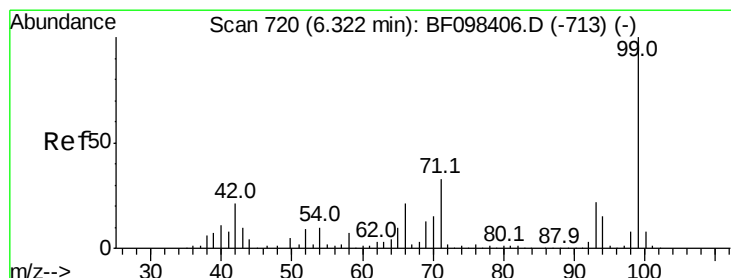
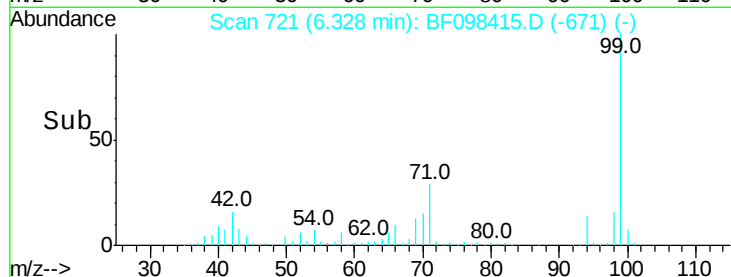
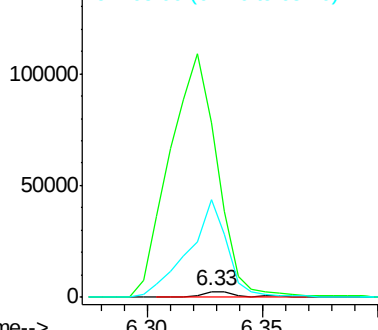
93 100

66 3072.4 32.9 49.3#

65 1707.8 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0  
Ion 65.00 (64.70 to 65.70): 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

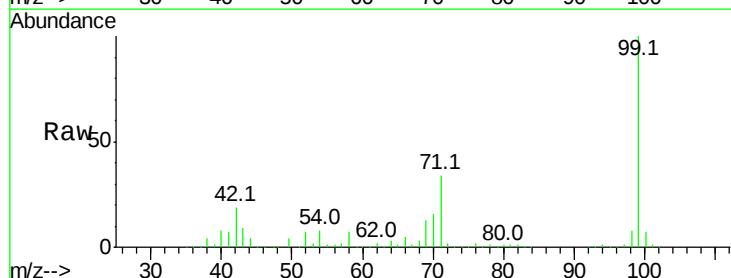
Tgt Ion: 99 Resp: 2370934

Ion Ratio Lower Upper

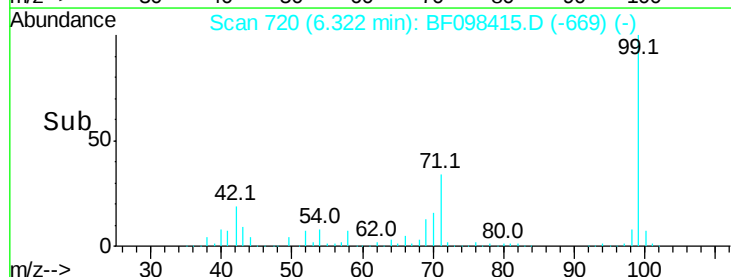
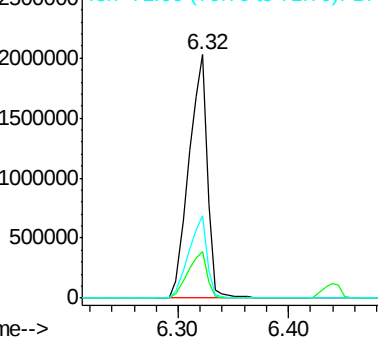
99 100

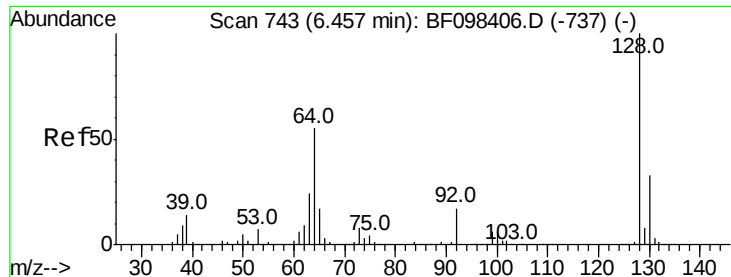
42 18.9 13.5 20.3

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





#8

2-Chlorophenol

Concen: 0.054 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

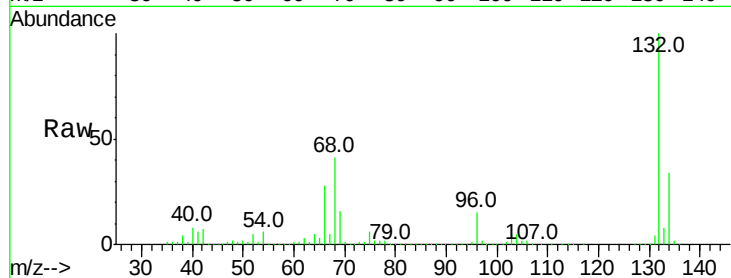
Tot Ion:128 Resp: 836

Ion Ratio Lower Upper

128 100

130 324.1 12.9 52.9#

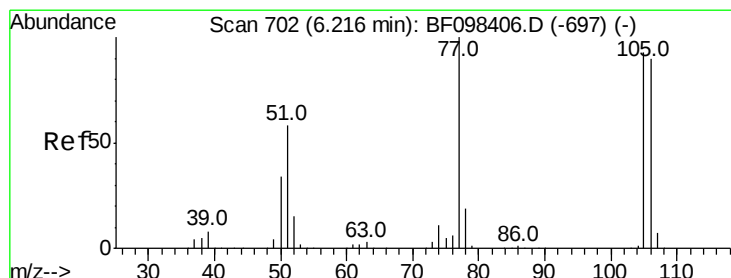
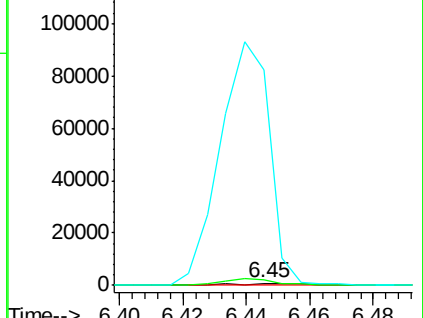
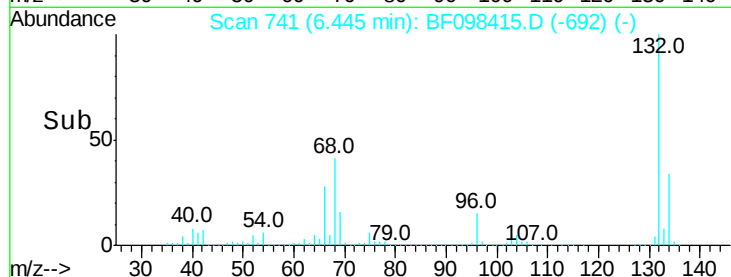
64 11479.7 28.4 68.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 0.411 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.11 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

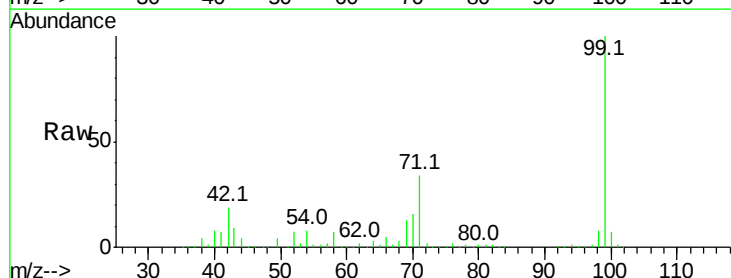
Tgt Ion: 77 Resp: 4807

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

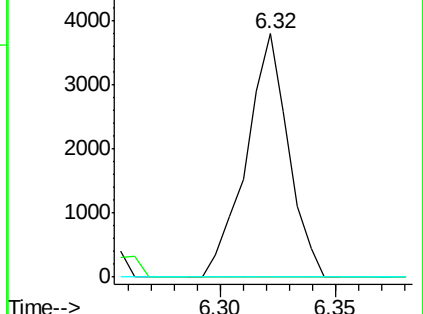
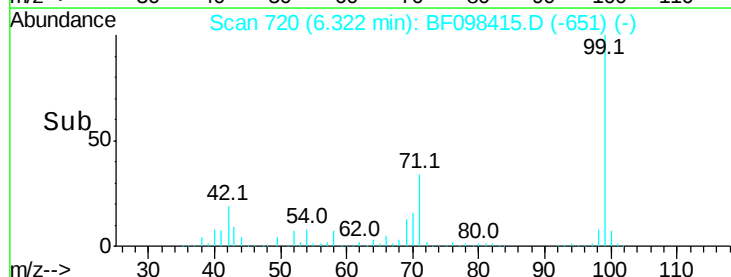
106 0.0 79.1 119.1#

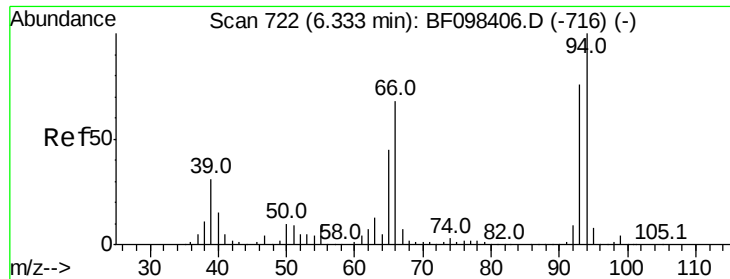


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

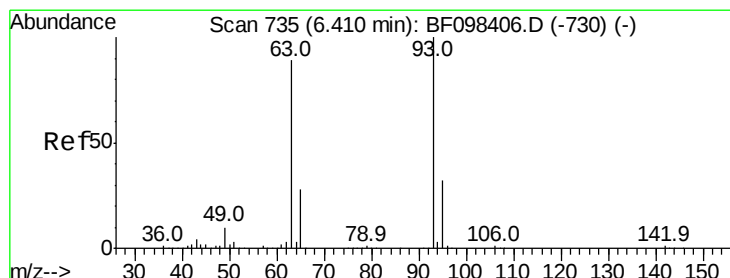
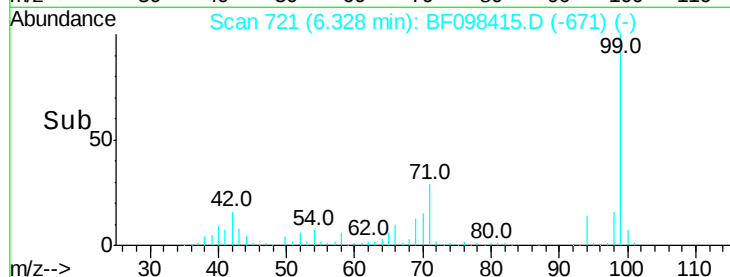
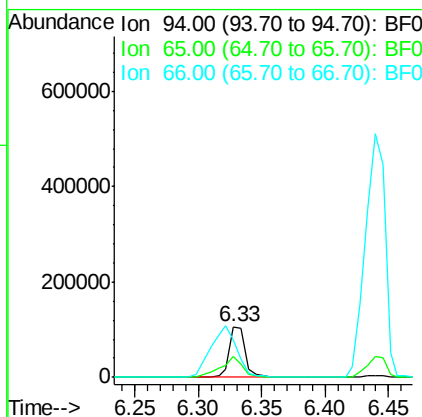
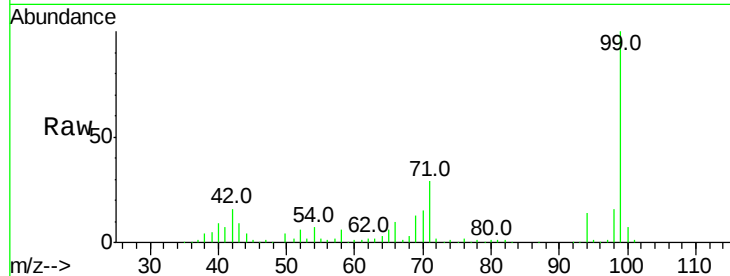




#10  
Phenol  
Concen: 4.507 ng  
RT: 6.33 min Scan# 721  
Delta R.T. -0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

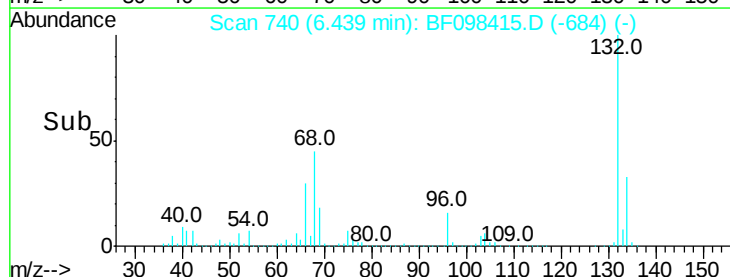
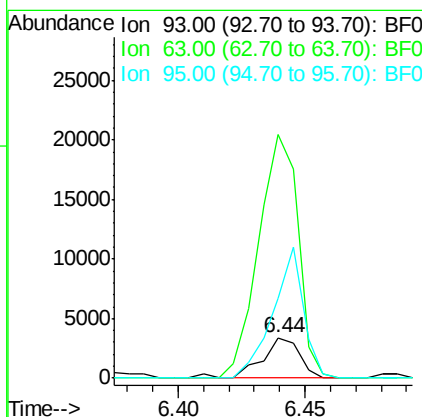
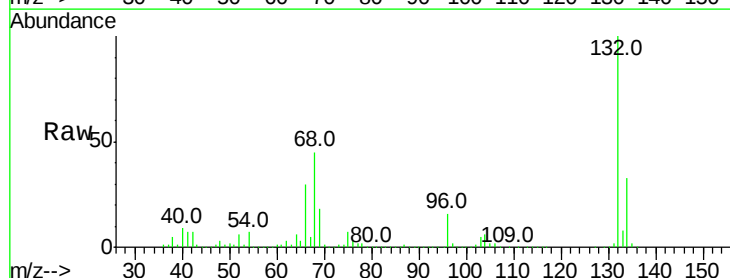
Instrument :  
BNA\_F  
ClientSampleId :  
EME-UTS-TS001-01

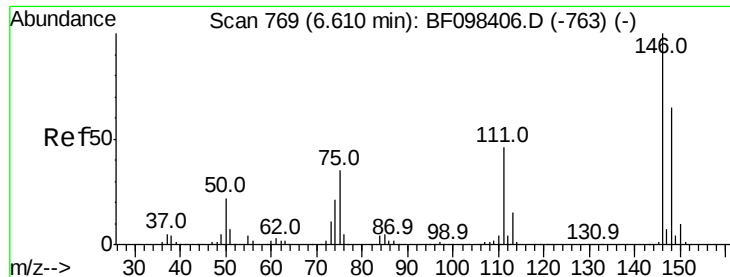
Tot Ion: 94 Resp: 93618  
Ion Ratio Lower Upper  
94 100  
65 41.0 9.9 49.9  
66 73.7 23.1 63.1#



#11  
bis(2-Chloroethyl)ether  
Concen: 0.221 ng  
RT: 6.44 min Scan# 740  
Delta R.T. 0.03 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion: 93 Resp: 3458  
Ion Ratio Lower Upper  
93 100  
63 606.4 59.2 99.2#  
95 198.3 12.8 52.8#





#12

1,3-Dichlorobenzene

Concen: 0.008 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

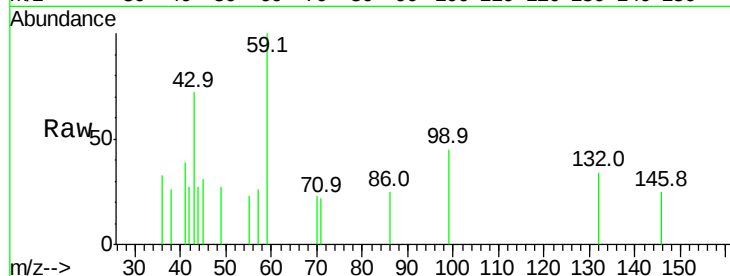
Tot Ion:146 Resp: 122

Ion Ratio Lower Upper

146 100

148 0.0 51.8 77.6#

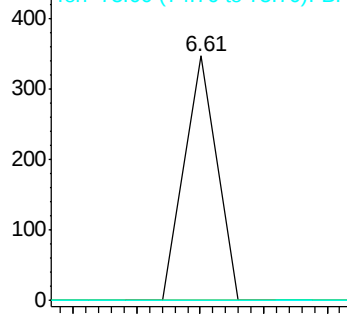
75 0.0 23.1 34.7#



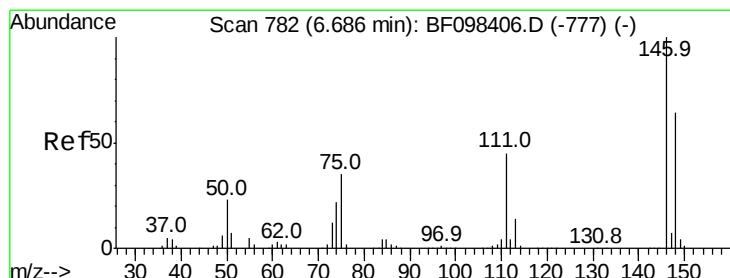
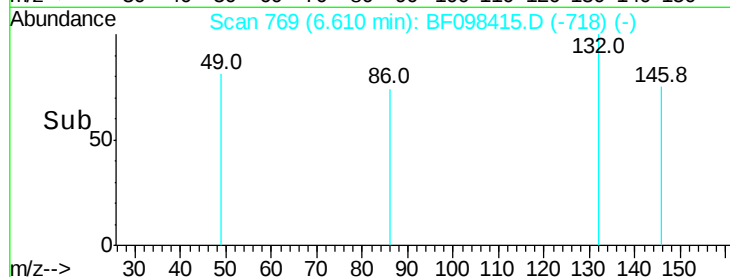
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



Time--> 6.59 6.60 6.61 6.62 6.63



#13

1,4-Dichlorobenzene

Concen: 0.008 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.08 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

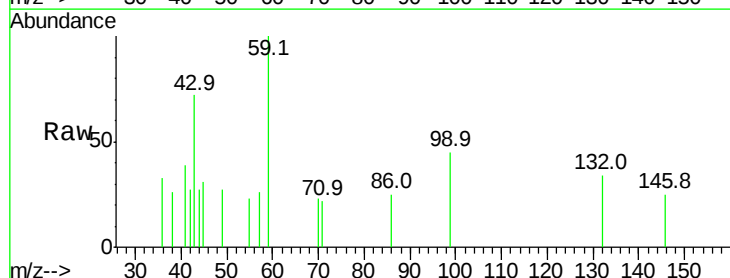
Tgt Ion:146 Resp: 122

Ion Ratio Lower Upper

146 100

148 0.0 52.2 78.2#

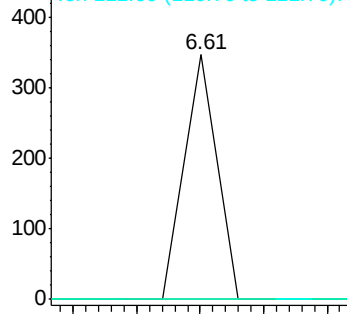
111 0.0 30.3 45.5#



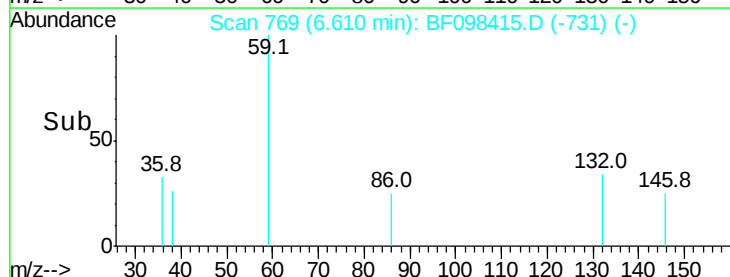
Abundance Ion 146.00 (145.70 to 146.70): E

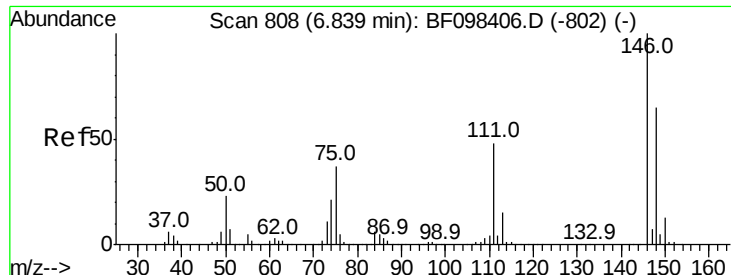
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time--> 6.59 6.60 6.61 6.62 6.63





#14

1,2-Dichlorobenzene

Concen: 0.079 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

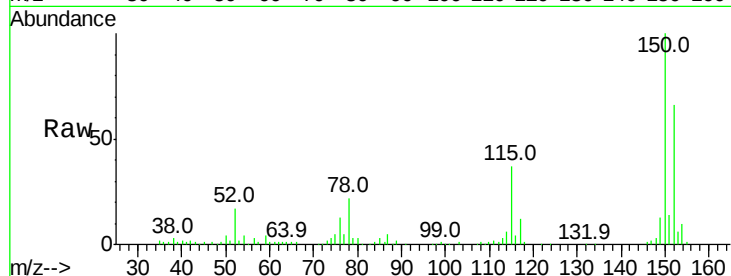
Tot Ion:146 Resp: 1155

Ion Ratio Lower Upper

146 100

148 466.5 50.4 75.6#

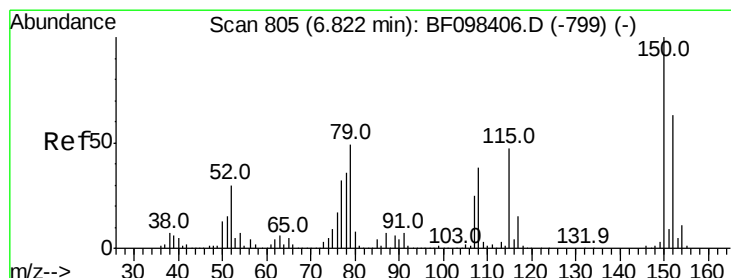
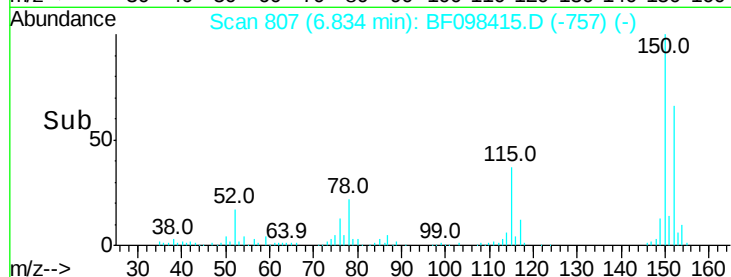
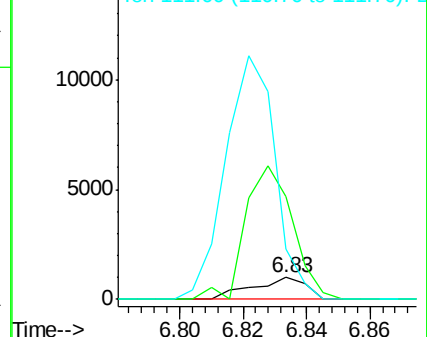
111 227.7 38.2 57.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.211 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

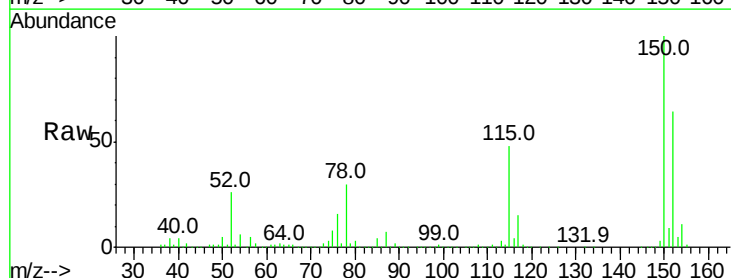
Tgt Ion: 79 Resp: 26313

Ion Ratio Lower Upper

79 100

108 29.3 63.4 95.0#

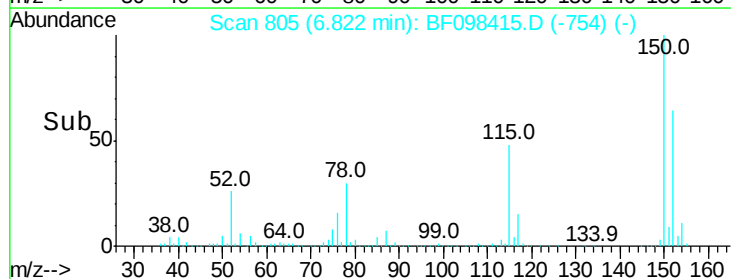
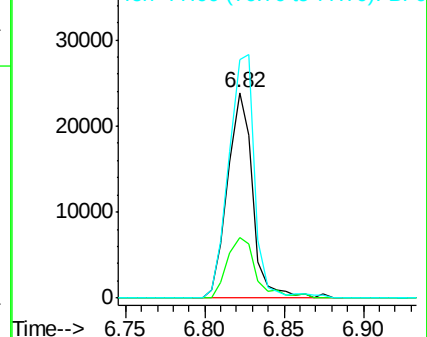
77 116.2 49.2 73.8#

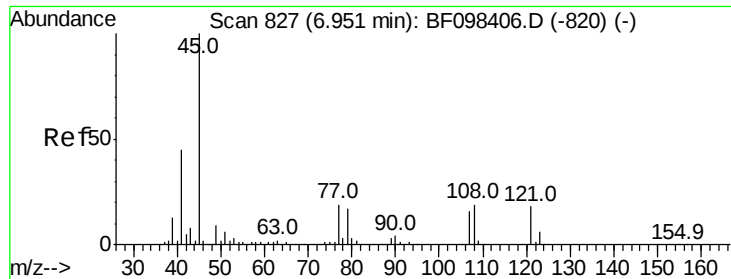


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

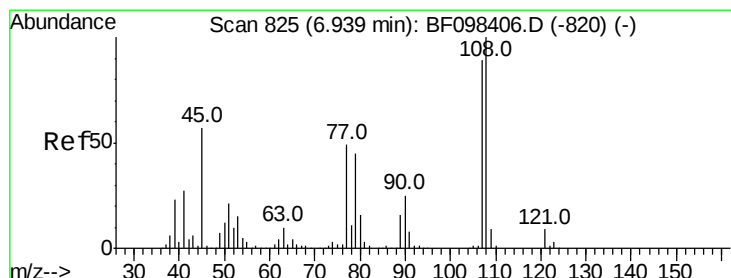
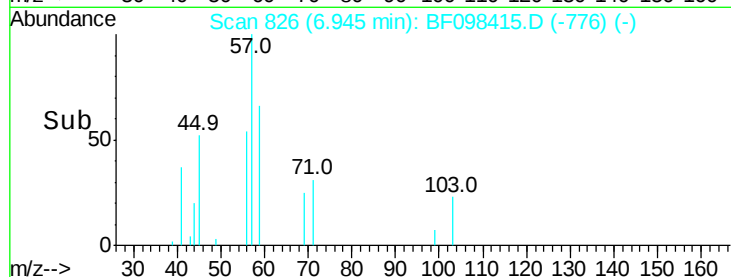
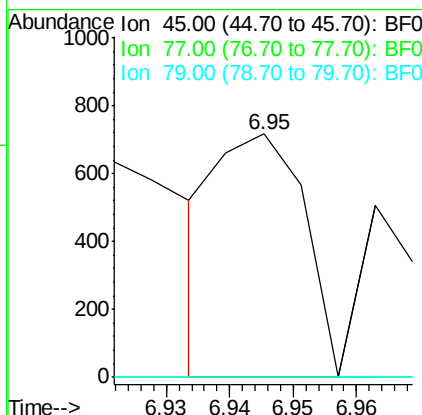
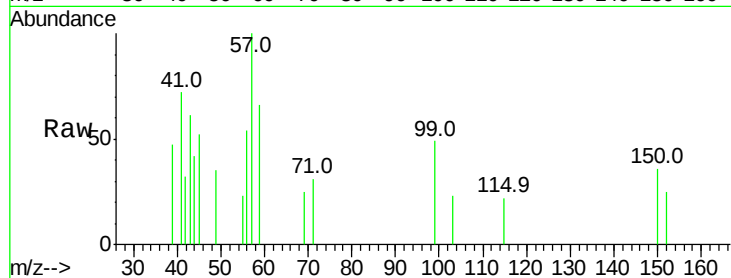




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 0.027 ng  
RT: 6.95 min Scan# 826  
Delta R.T. -0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

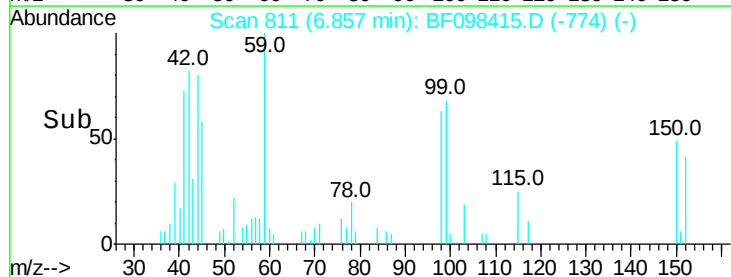
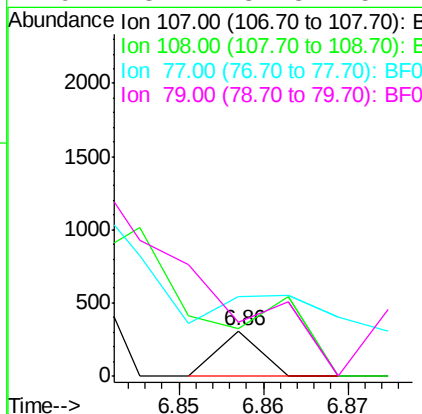
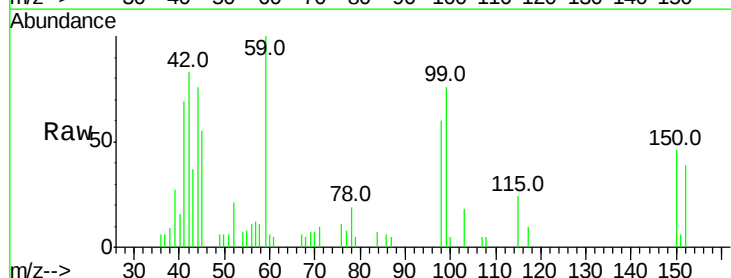
Instrument :  
BNA\_F  
ClientSampleId :  
EME-UTS-TS001-01

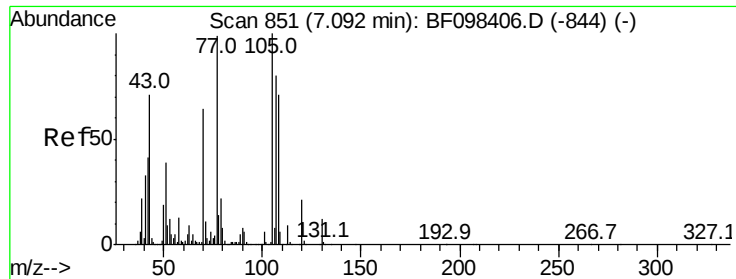
Tot Ion: 45 Resp: 685  
Ion Ratio Lower Upper  
45 100  
77 0.0 0.0 33.2  
79 0.0 0.0 30.0



#17  
2-Methylphenol  
Concen: 0.009 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.08 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion: 107 Resp: 109  
Ion Ratio Lower Upper  
107 100  
108 103.5 93.4 140.0  
77 173.9 35.8 53.6#  
79 118.1 34.8 52.2#





#19

n-Nitroso-di-n-propylamine

Concen: 17.819 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.15 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

Tot Ion: 70 Resp: 200459

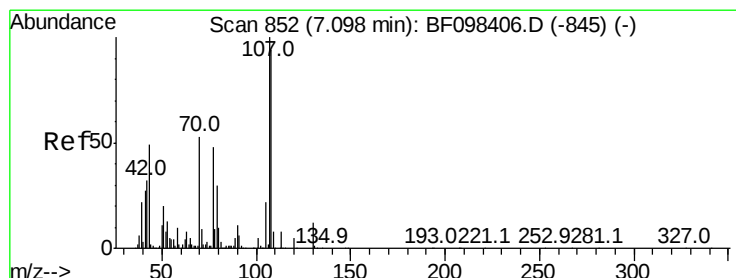
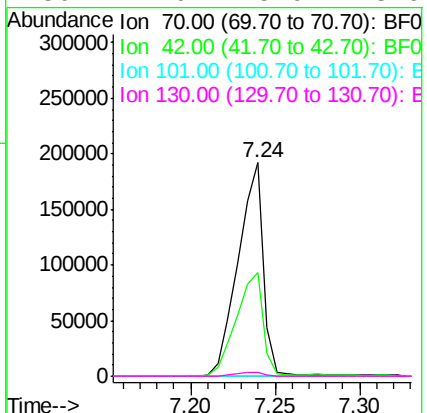
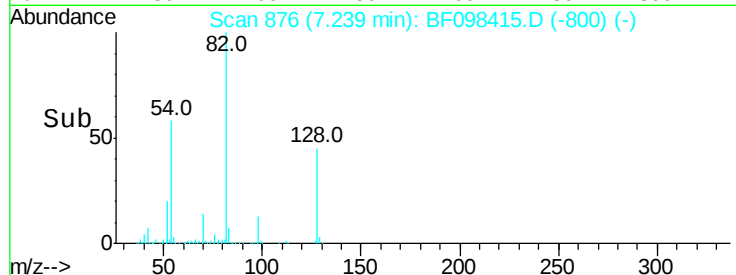
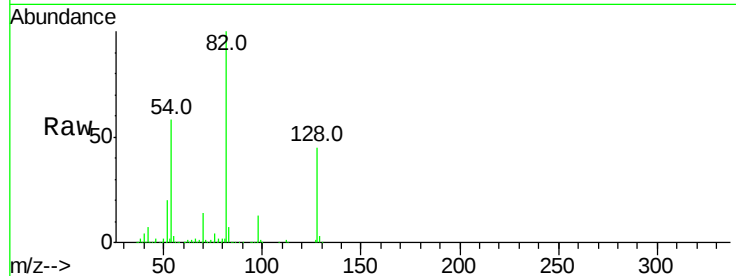
Ion Ratio Lower Upper

70 100

42 48.6 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#



#20

3+4-Methylphenols

Concen: 0.007 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Tgt Ion: 107 Resp: 115

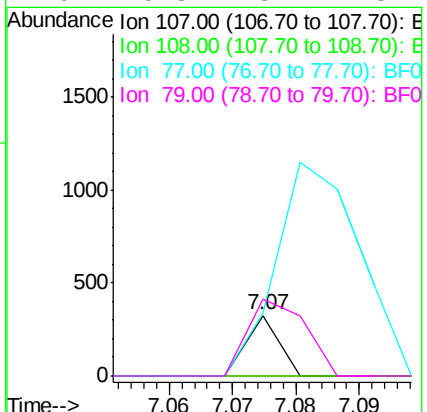
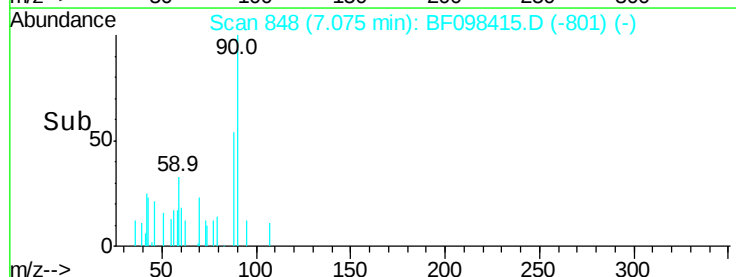
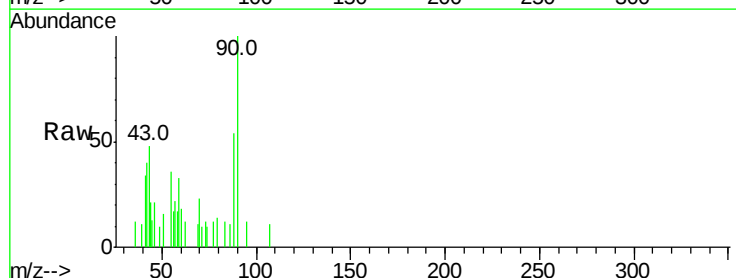
Ion Ratio Lower Upper

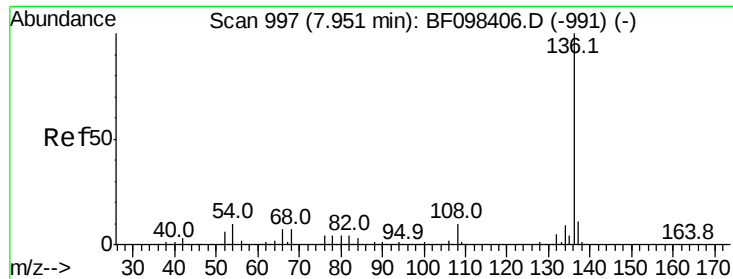
107 100

108 0.0 71.0 111.0#

77 103.7 90.5 130.5

79 126.8 8.4 48.4#





#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

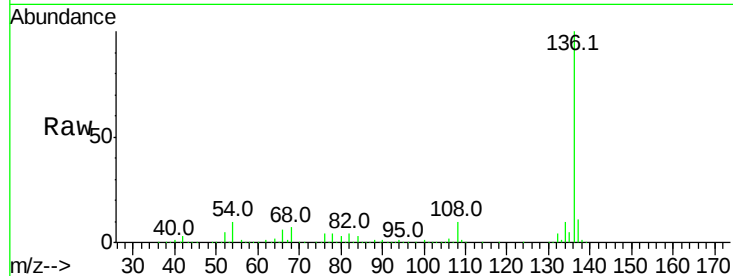
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.7 4.9 7.3#

68 6.9 4.1 6.1#

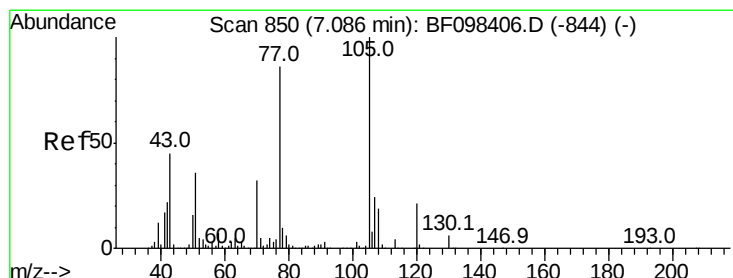
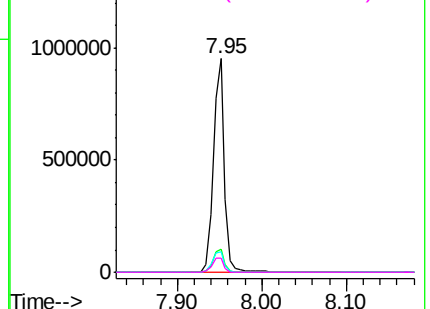
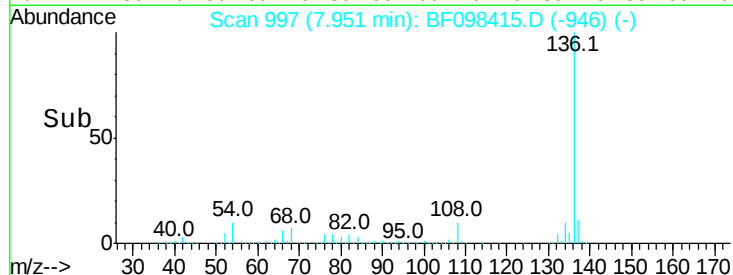


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.036 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Tgt Ion:105 Resp: 806

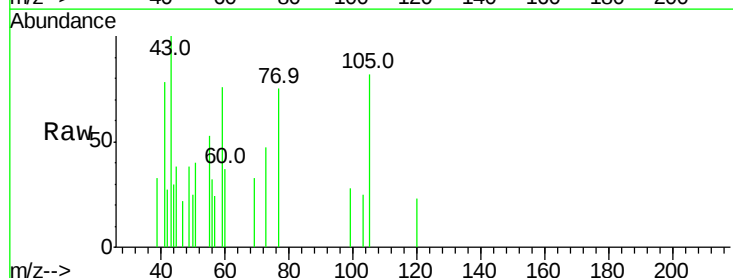
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 48.2 30.7 46.1#

120 28.5 17.4 26.0#

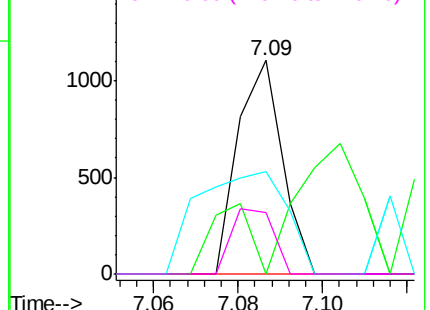
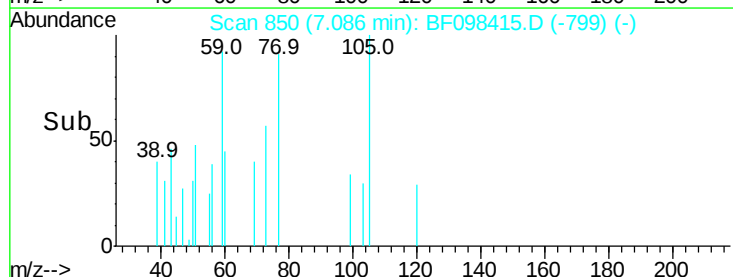


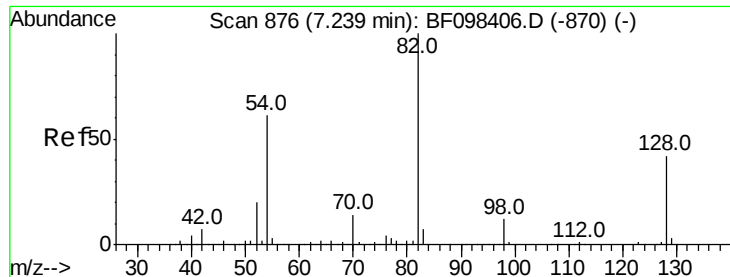
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

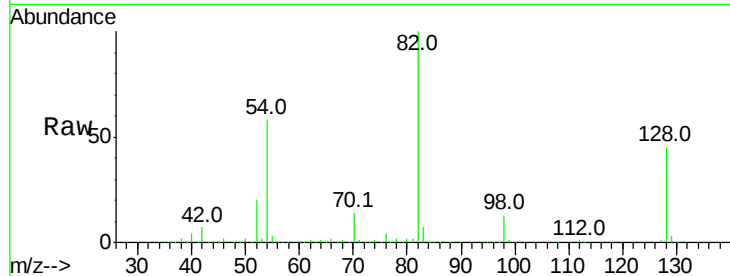




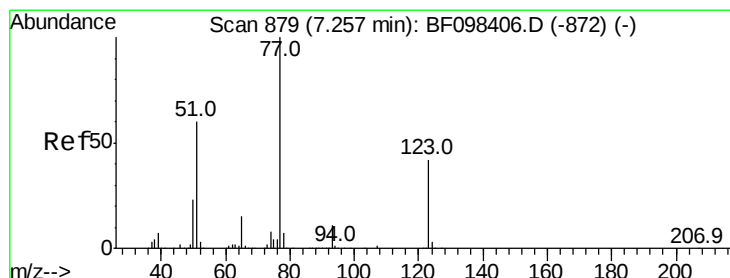
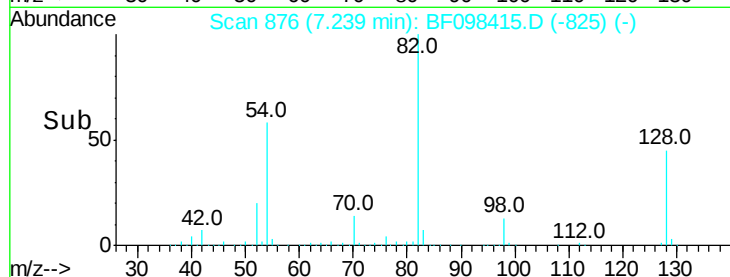
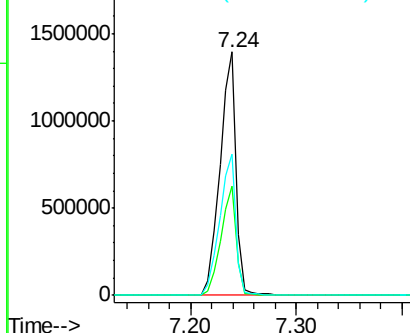
#23  
Nitrobenzene-d5  
Concen: 95.600 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.00 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

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

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

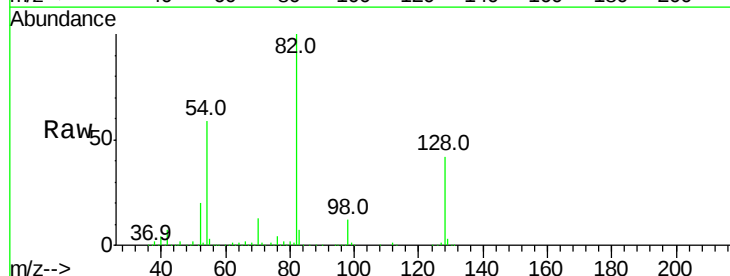


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

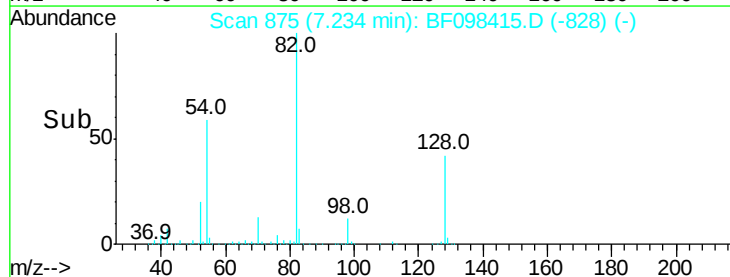
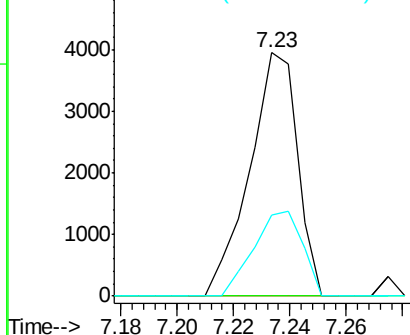


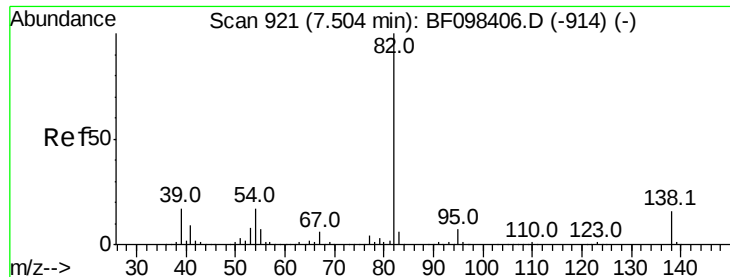
#24  
Nitrobenzene  
Concen: 0.261 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.02 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion: 77 Resp: 4642  
Ion Ratio Lower Upper  
77 100  
123 0.0 35.8 53.8#  
65 33.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.974 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.26 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

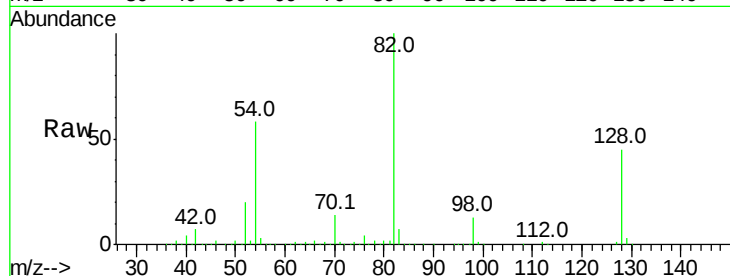
Tot Ion: 82 Resp: 1453625

Ion Ratio Lower Upper

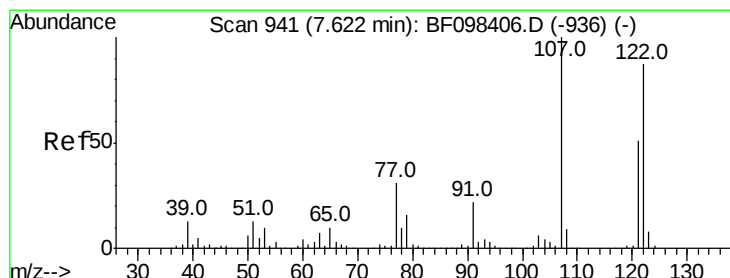
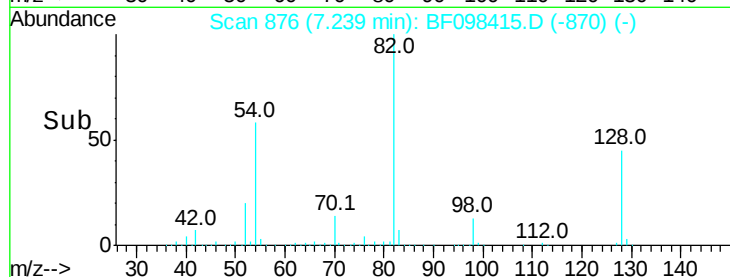
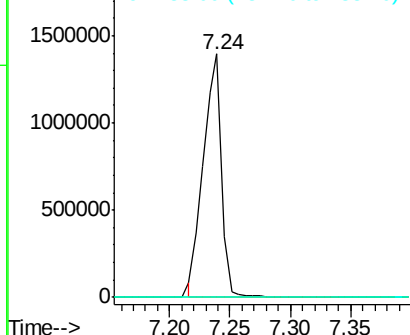
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 0.009 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.14 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

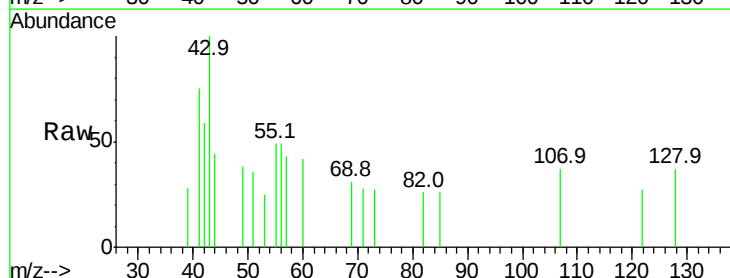
Tgt Ion:122 Resp: 118

Ion Ratio Lower Upper

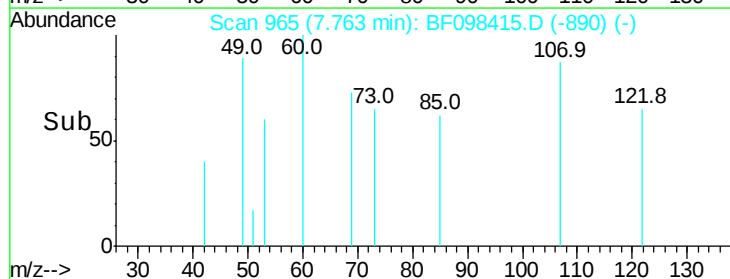
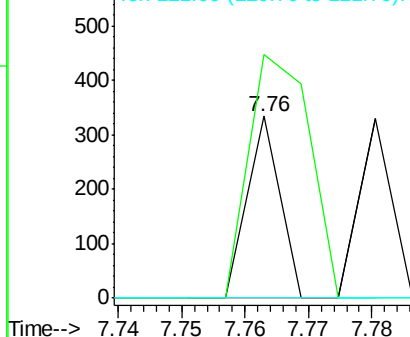
122 100

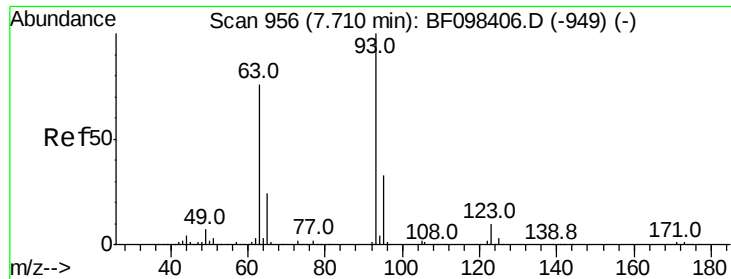
107 133.8 89.2 133.8#

121 0.0 45.2 67.8#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

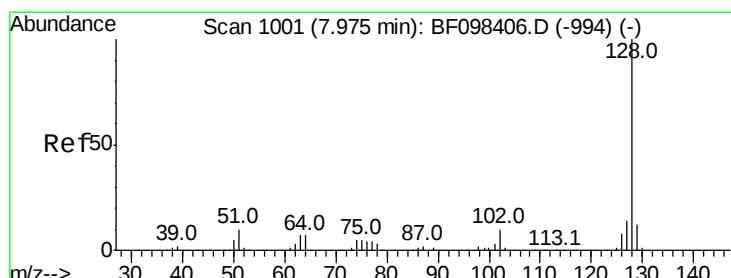
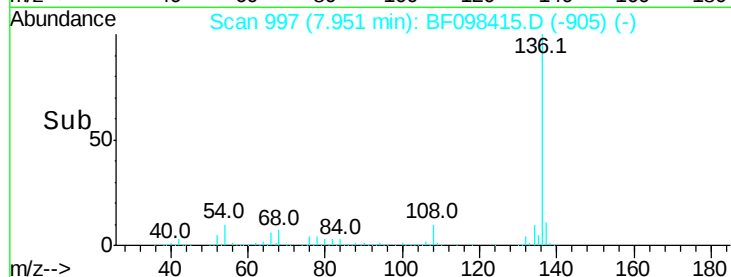
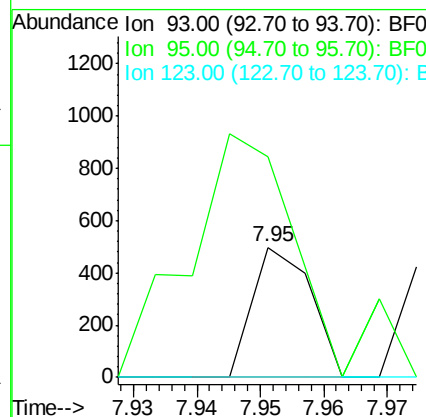
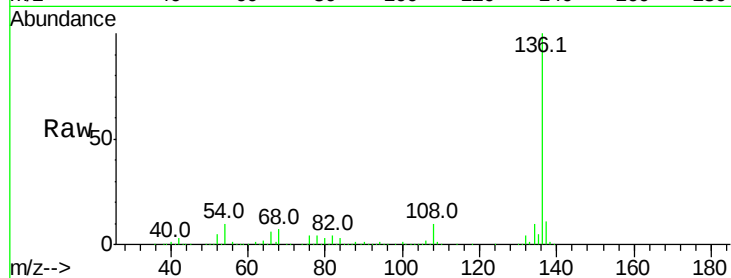




#28  
 bis(2-Chloroethoxy)methane  
 Concen: 0.016 ng  
 RT: 7.95 min Scan# 997  
 Delta R.T. 0.24 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

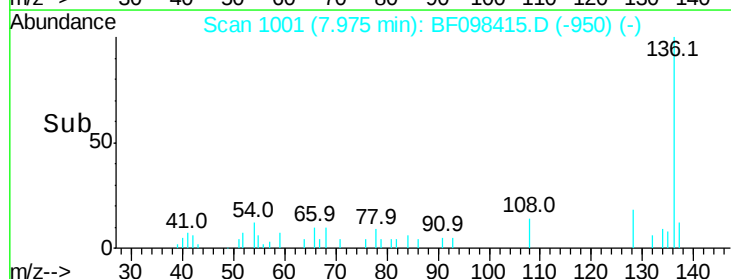
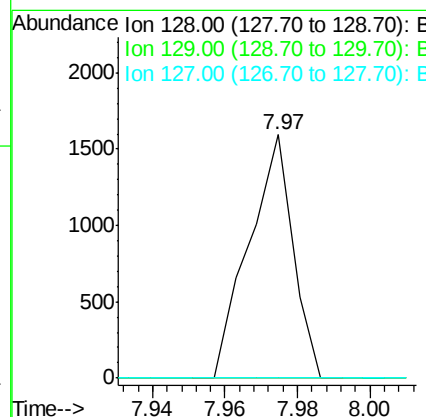
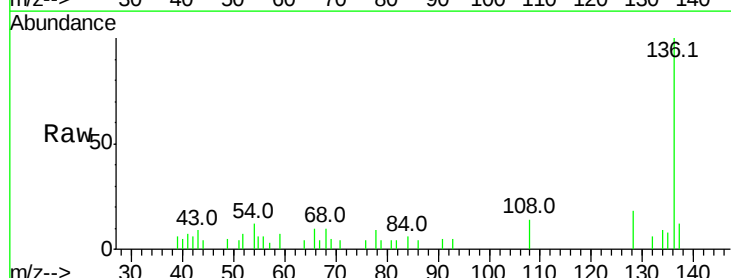
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

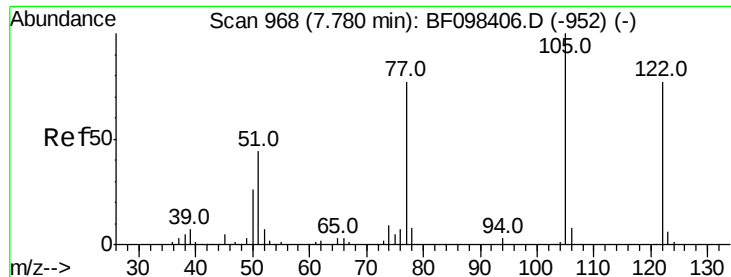
Tot Ion: 93 Resp: 317  
 Ion Ratio Lower Upper  
 93 100  
 95 169.3 26.5 39.7#  
 123 0.0 9.0 13.4#



#31  
 Naphthalene  
 Concen: 0.031 ng  
 RT: 7.97 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Tgt Ion: 128 Resp: 1335  
 Ion Ratio Lower Upper  
 128 100  
 129 0.0 9.0 13.6#  
 127 0.0 10.8 16.2#

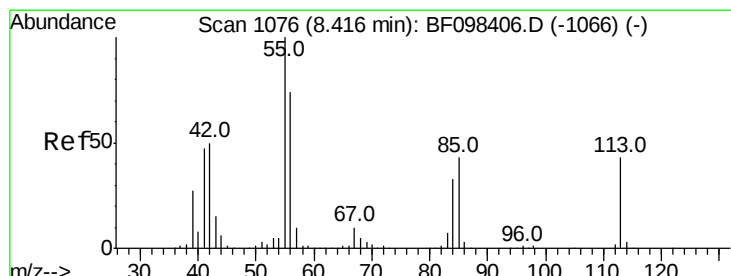
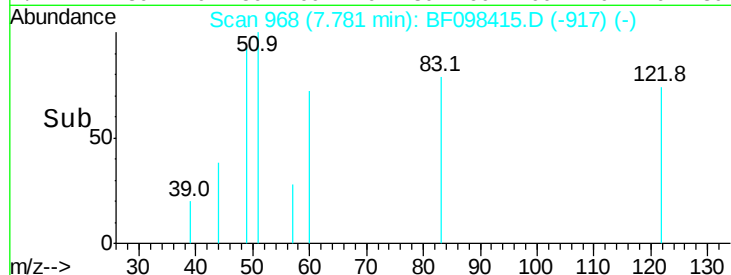
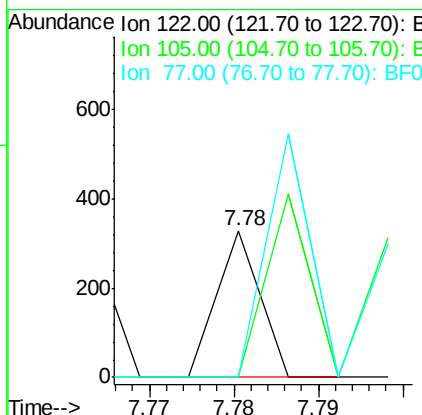
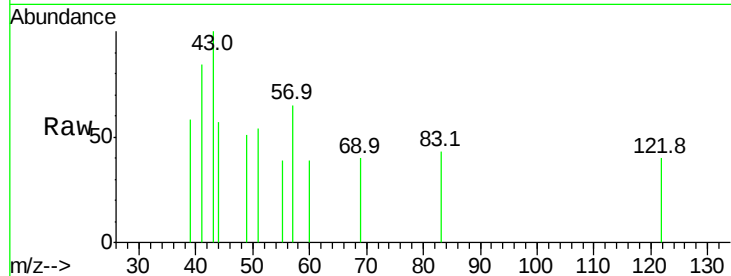




#32  
Benzoic acid  
Concen: 7.980 ng  
RT: 7.78 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

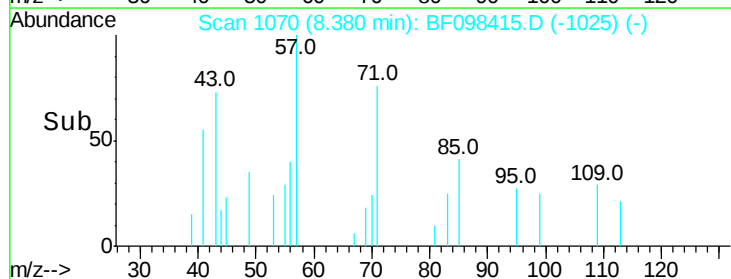
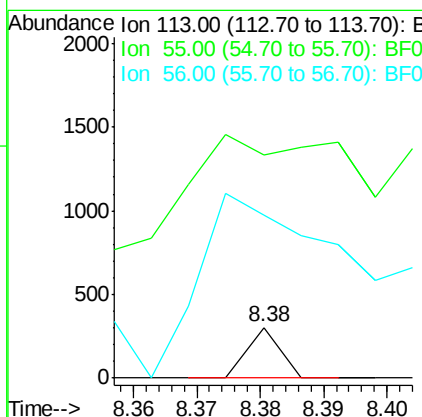
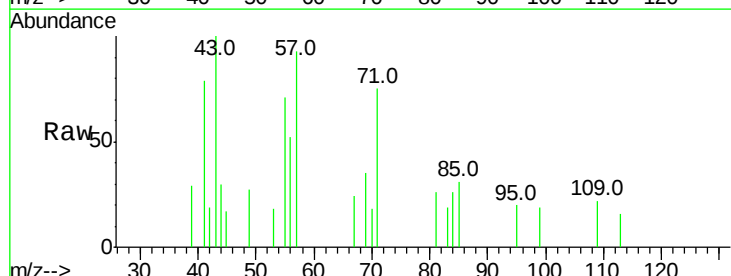
Instrument :  
BNA\_F  
ClientSampleId :  
EME-UTS-TS001-01

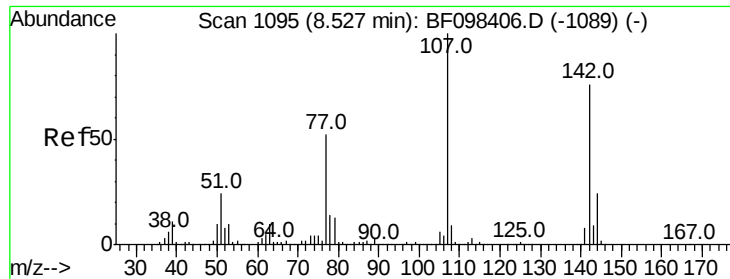
Tot Ion:122 Resp: 116  
Ion Ratio Lower Upper  
122 100  
105 0.0 103.3 143.3#  
77 0.0 73.7 113.7#



#35  
Caprolactam  
Concen: 0.027 ng  
RT: 8.38 min Scan# 1070  
Delta R.T. -0.04 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion:113 Resp: 107  
Ion Ratio Lower Upper  
113 100  
55 437.8 150.2 190.2#  
56 321.4 107.8 147.8#

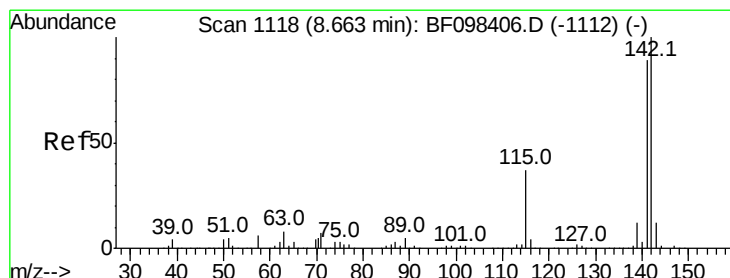
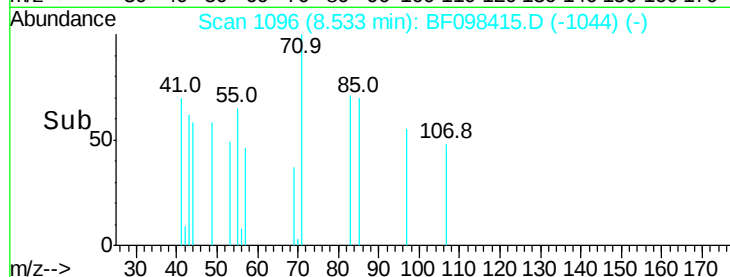
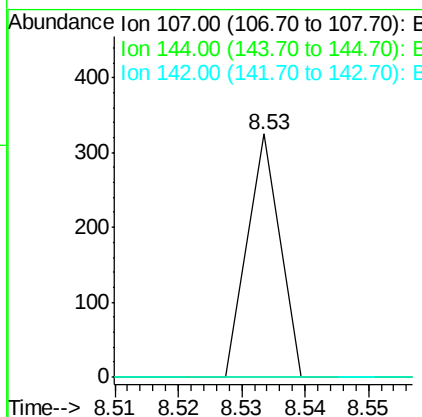
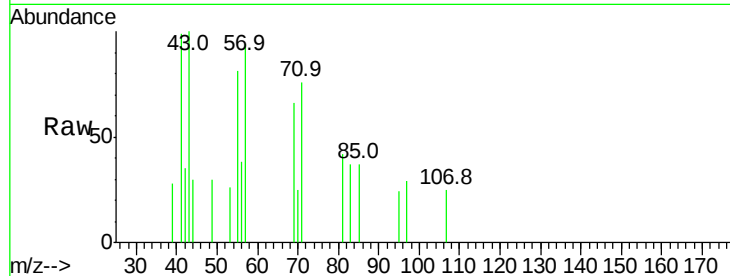




#36  
 4-Chloro-3-methylphenol  
 Concen: 0.008 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. 0.01 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

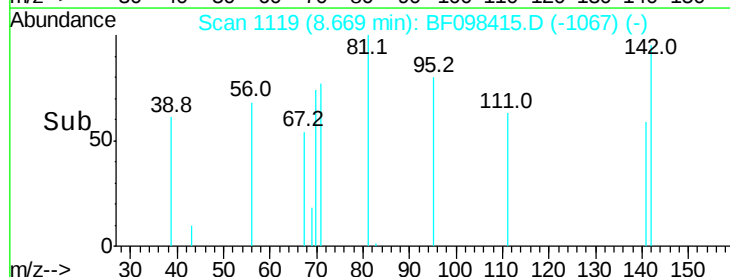
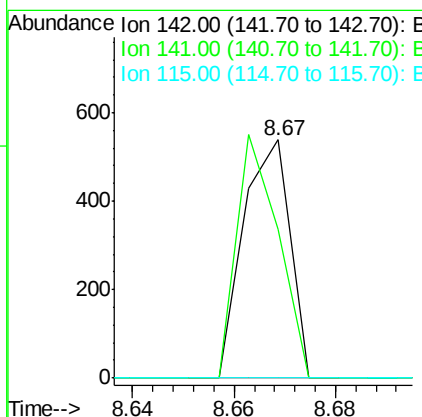
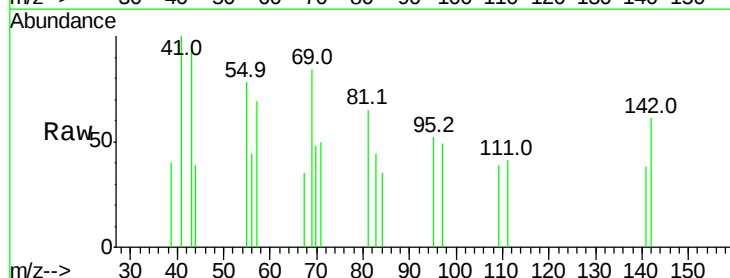
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

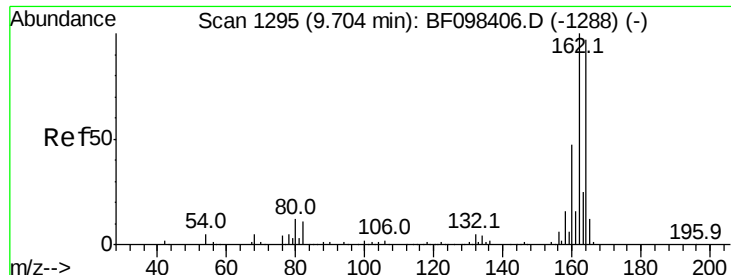
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 115    |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 0.0   | 24.2  | 36.4#  |
| 142      | 0.0   | 73.4  | 110.0# |



#37  
 2-Methylnaphthalene  
 Concen: 0.013 ng  
 RT: 8.67 min Scan# 1119  
 Delta R.T. 0.01 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 342    |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 62.3  | 71.3  | 106.9# |
| 115      | 0.0   | 27.1  | 40.7#  |





#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

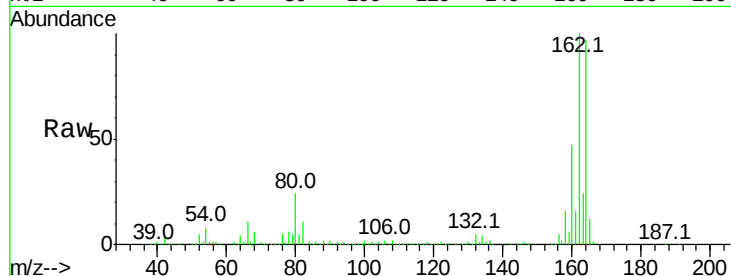
Tot Ion:164 Resp: 400516

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

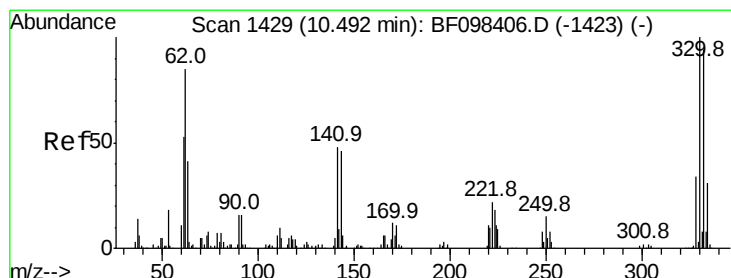
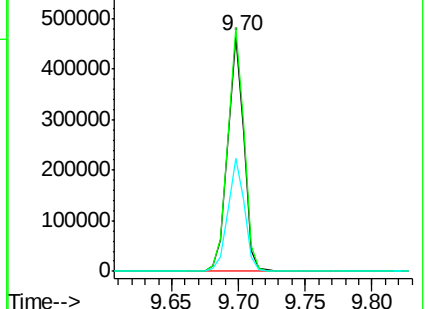
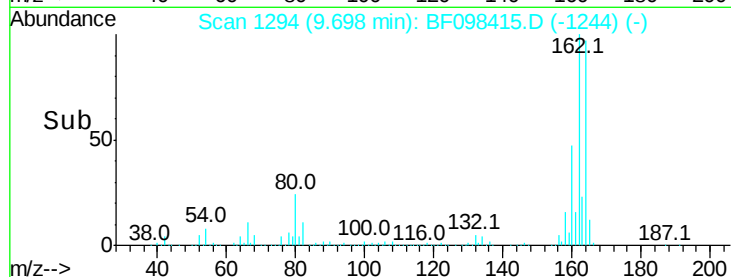
160 48.3 36.2 54.2



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

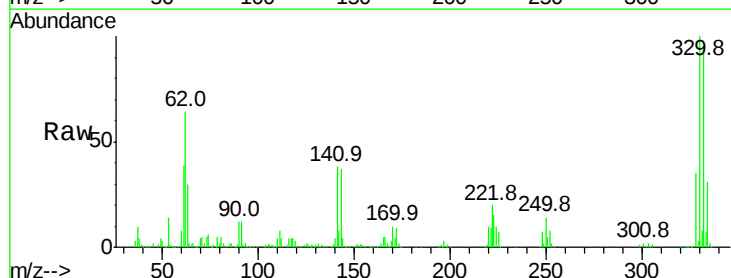
Tgt Ion:330 Resp: 420679

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

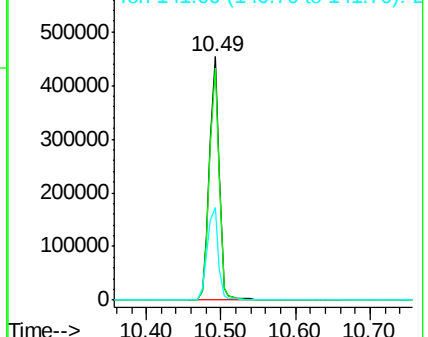
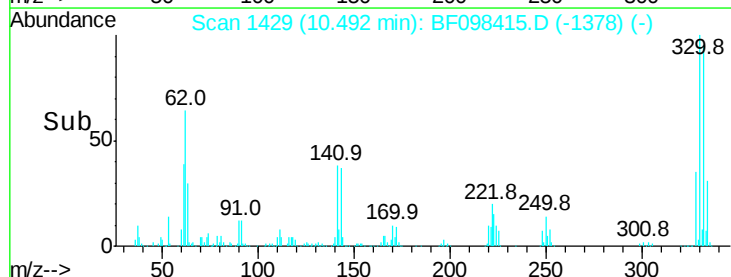
141 43.0 31.4 47.2

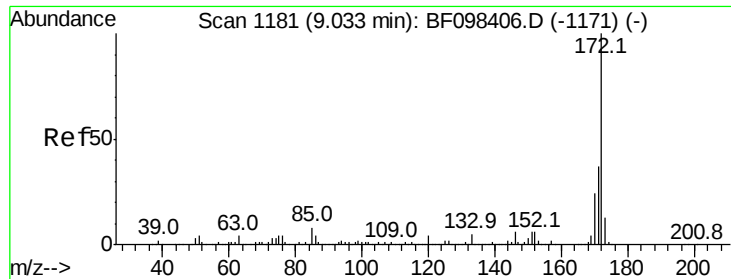


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

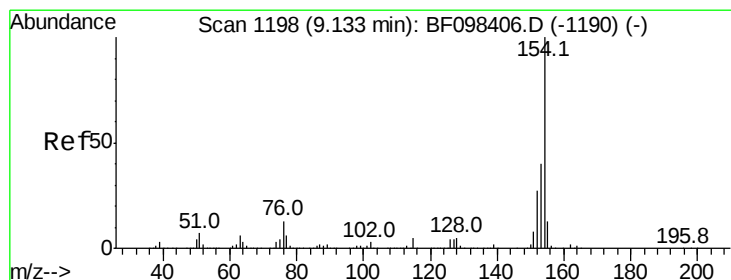
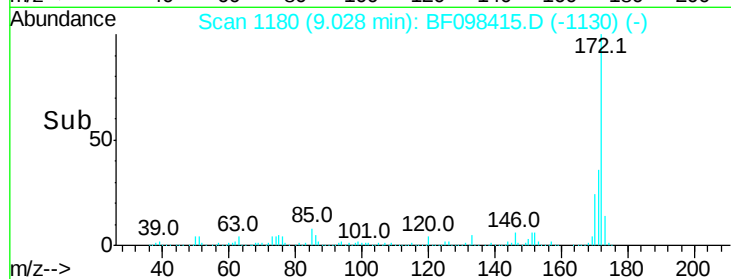
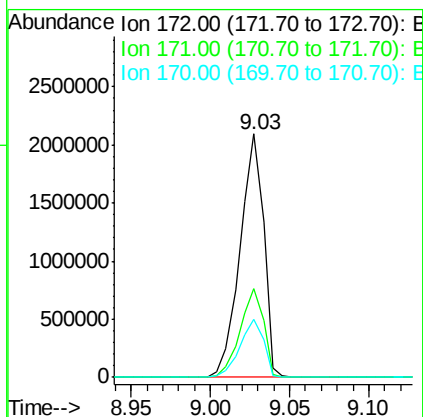
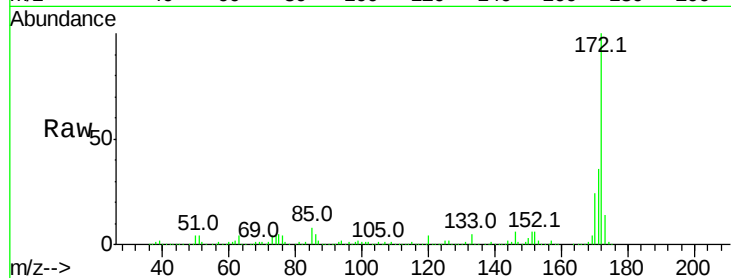




#44  
2-Fluorobiphenyl  
Concen: 91.301 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

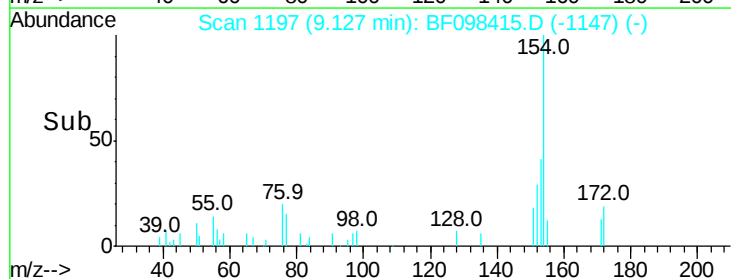
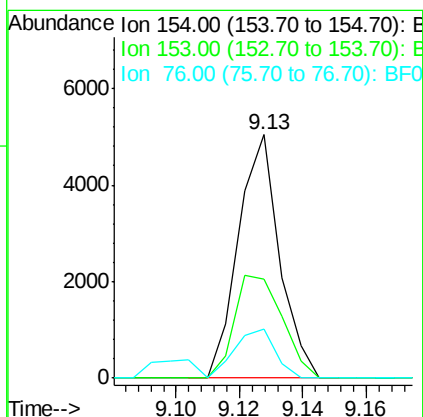
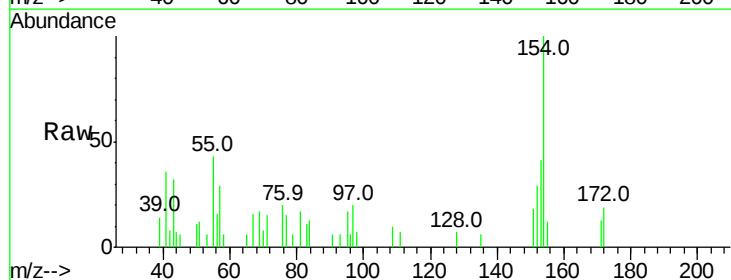
Instrument :  
BNA\_F  
ClientSampleId :  
EME-UTS-TS001-01

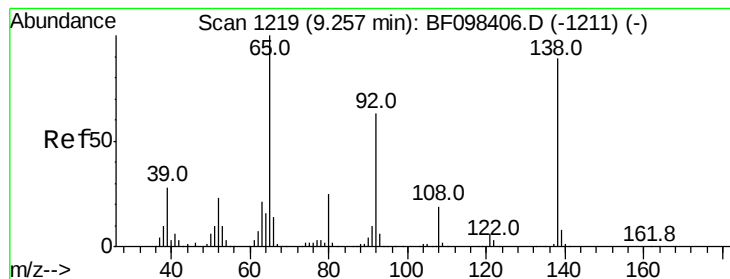
Tot Ion:172 Resp: 2157491  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.6 44.4  
170 23.9 19.8 29.8



#45  
1,1'-Biphenyl  
Concen: 0.126 ng  
RT: 9.13 min Scan# 1197  
Delta R.T. -0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion:154 Resp: 4513  
Ion Ratio Lower Upper  
154 100  
153 40.8 21.2 61.2  
76 20.1 0.0 29.9





#47

2-Nitroaniline

Concen: 0.026 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.11 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

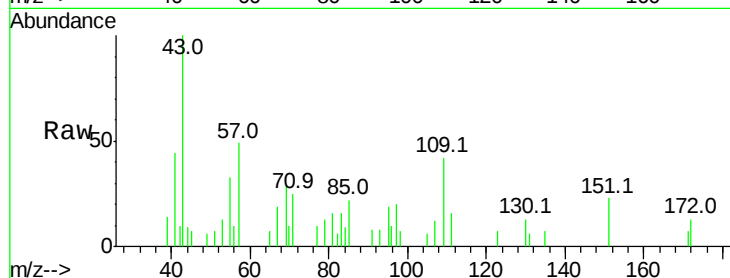
Tot Ion: 65 Resp: 254

Ion Ratio Lower Upper

65 100

92 0.0 53.9 80.9#

138 0.0 78.8 118.2#

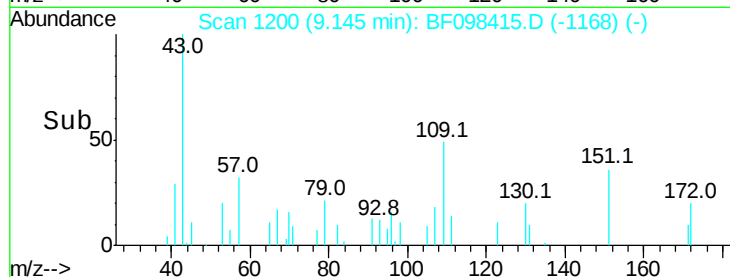


Abundance Ion 65.00 (64.70 to 65.70): BF0

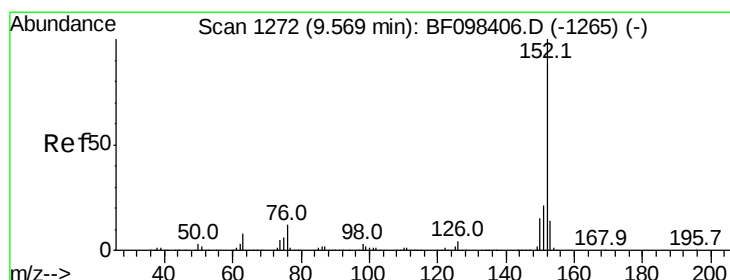
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#48

Acenaphthylene

Concen: 0.027 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

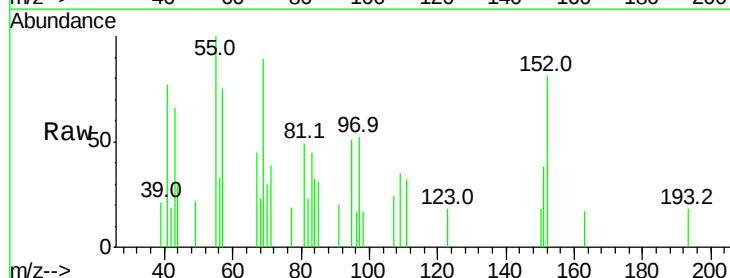
Tgt Ion: 152 Resp: 1038

Ion Ratio Lower Upper

152 100

151 47.4 16.8 25.2#

153 0.0 10.8 16.2#

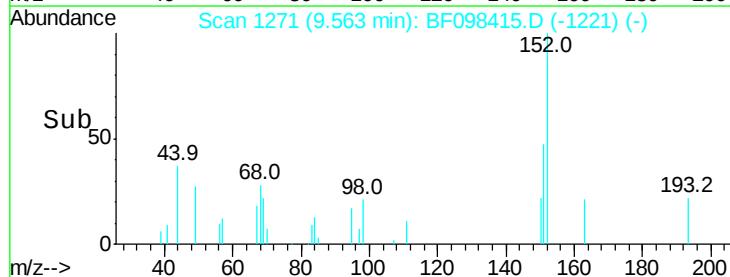


Abundance Ion 152.00 (151.70 to 152.70): E

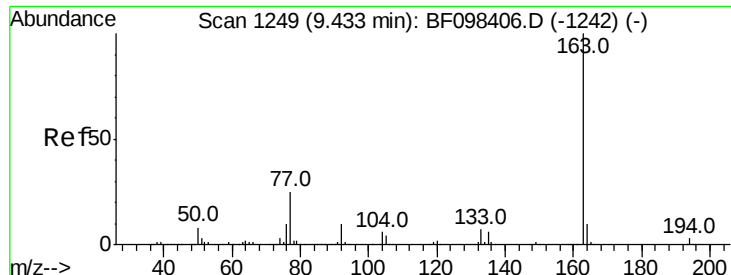
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



Time-->



#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

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

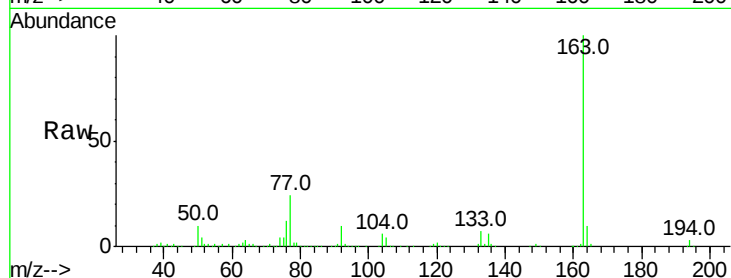
Tot Ion:163 Resp: 450102

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

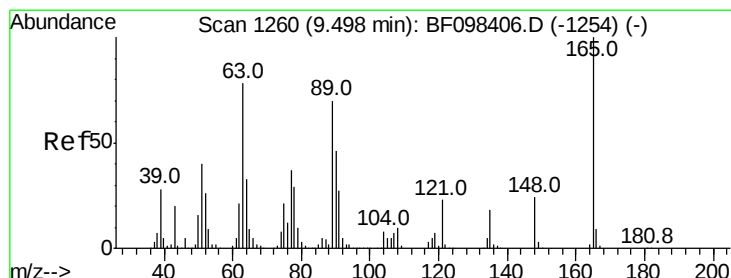
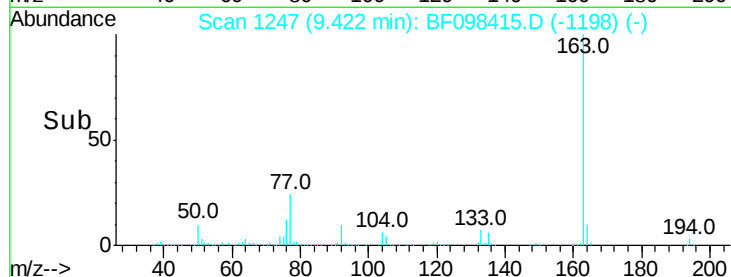
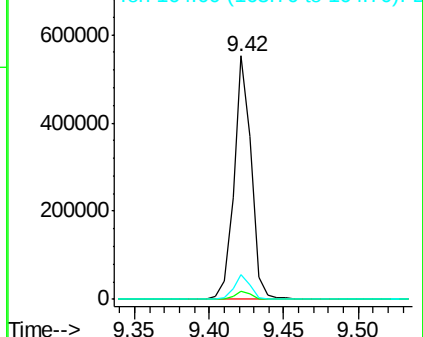
164 10.3 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 0.824 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.08 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

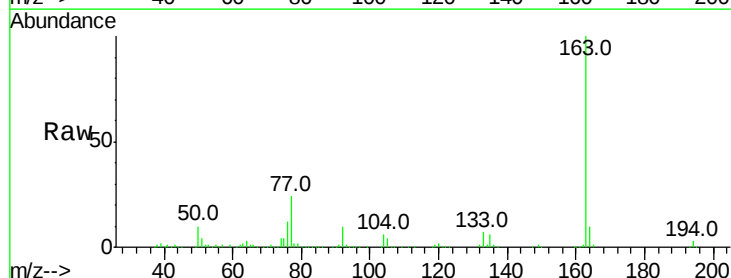
Tgt Ion:165 Resp: 5246

Ion Ratio Lower Upper

165 100

63 238.0 34.3 51.5#

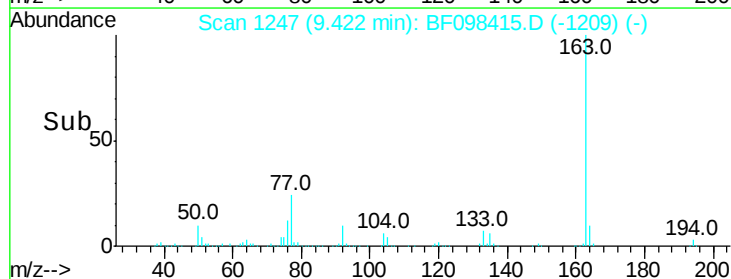
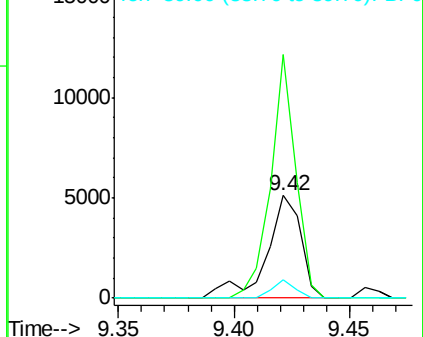
89 18.5 37.1 55.7#

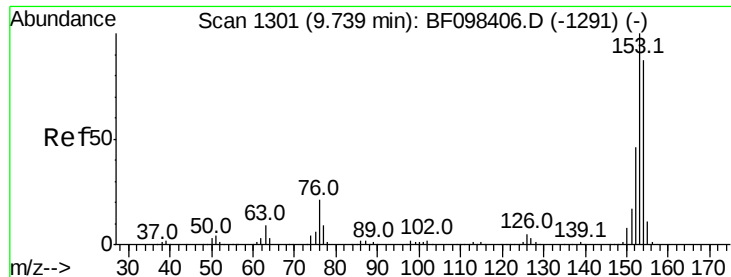


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.024 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

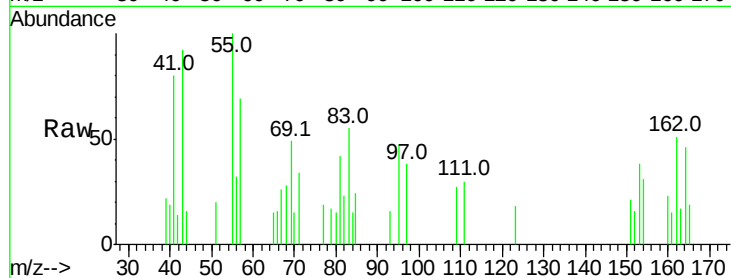
Tot Ion:154 Resp: 575

Ion Ratio Lower Upper

154 100

153 120.8 90.5 135.7

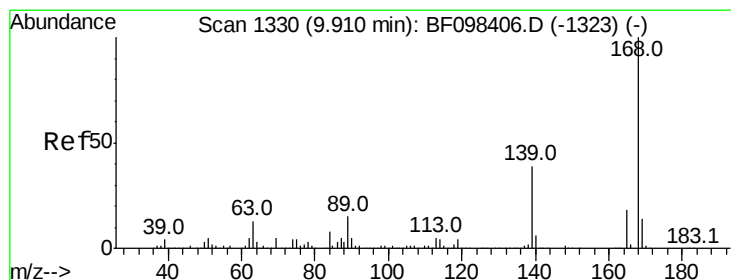
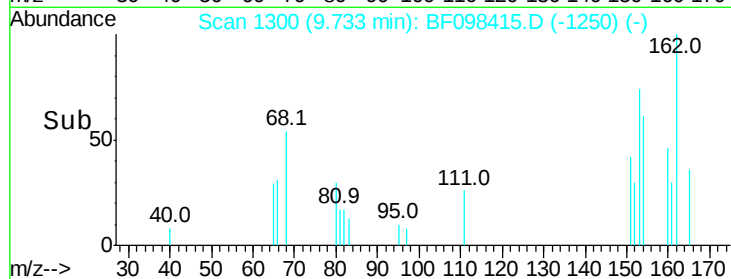
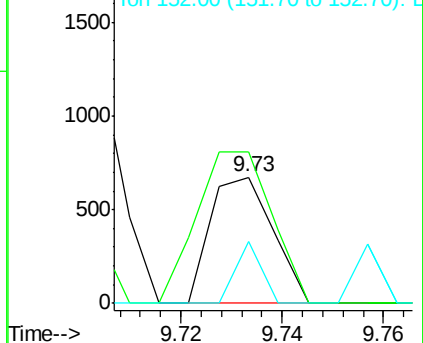
152 49.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.028 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

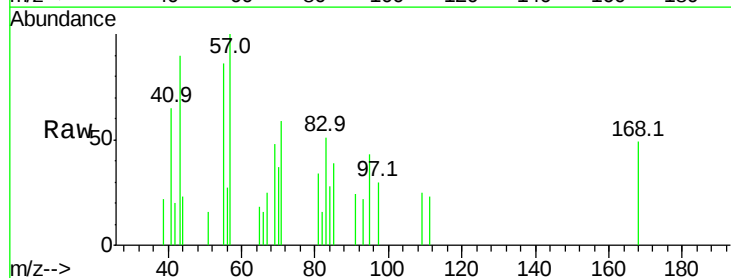
Tgt Ion:168 Resp: 888

Ion Ratio Lower Upper

168 100

139 0.0 30.6 45.8#

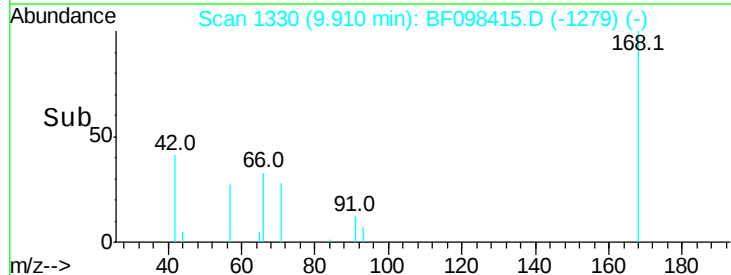
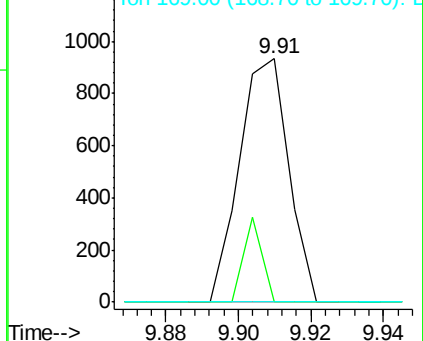
169 0.0 10.8 16.2#

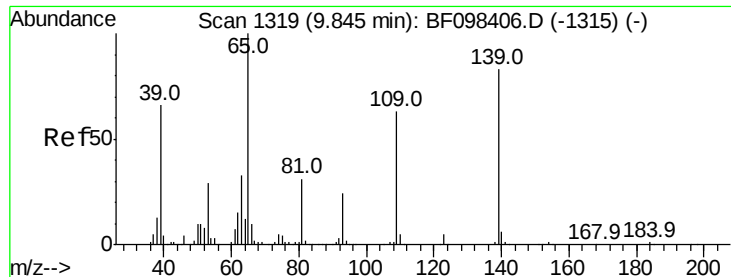


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.026 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.07 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

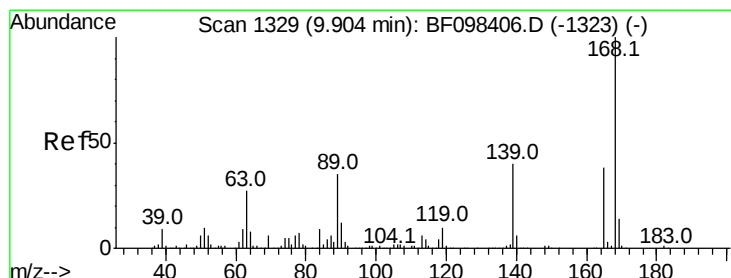
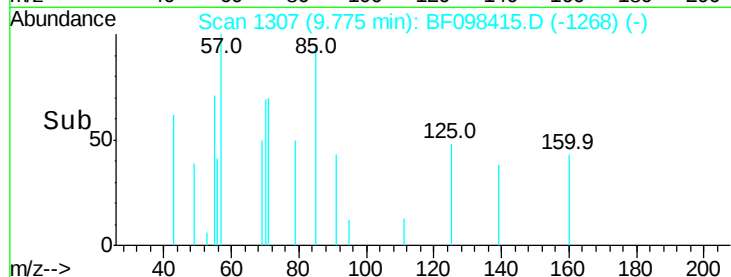
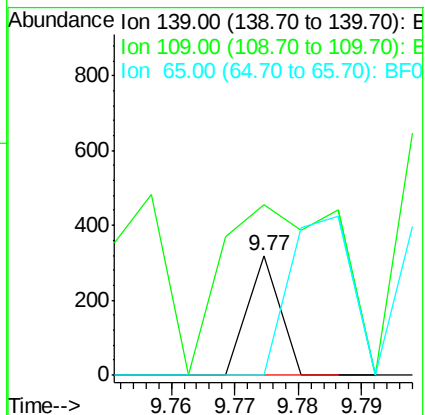
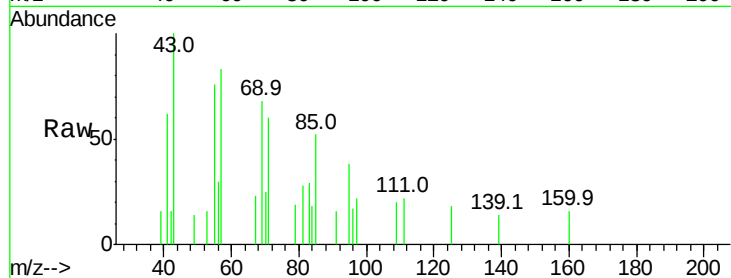
Tot Ion:139 Resp: 113

Ion Ratio Lower Upper

139 100

109 143.3 34.1 74.1#

65 0.0 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 6.291 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Tgt Ion:165 Resp: 48704

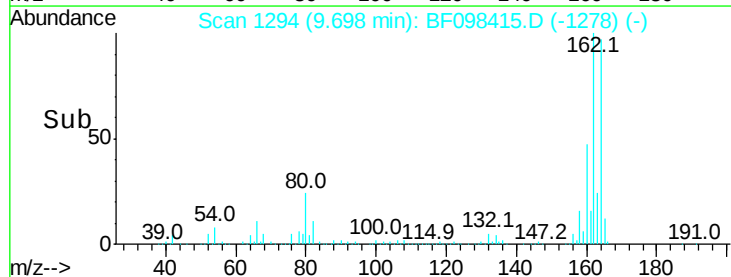
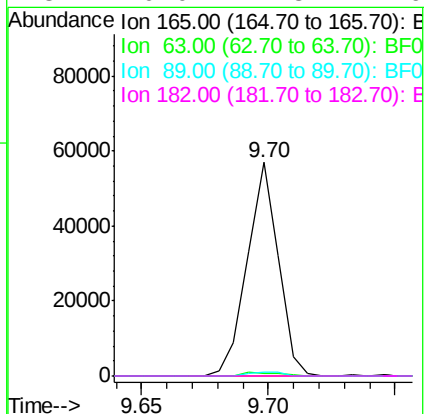
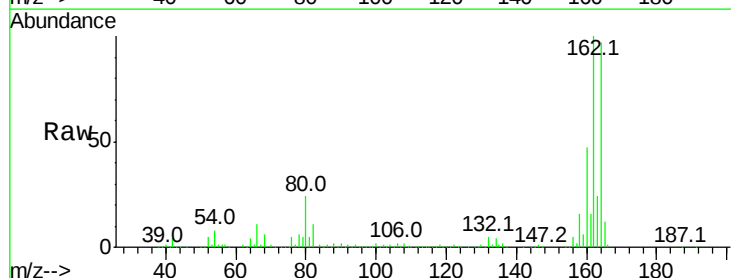
Ion Ratio Lower Upper

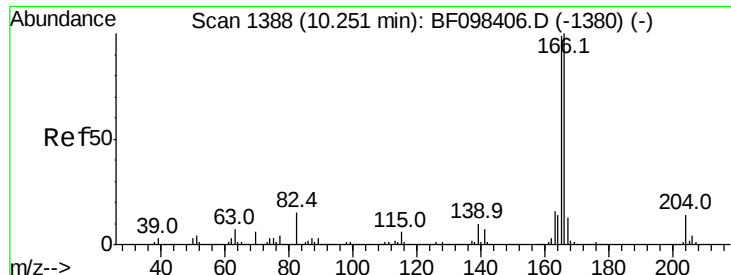
165 100

63 1.2 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#





#57

Fluorene

Concen: 0.029 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

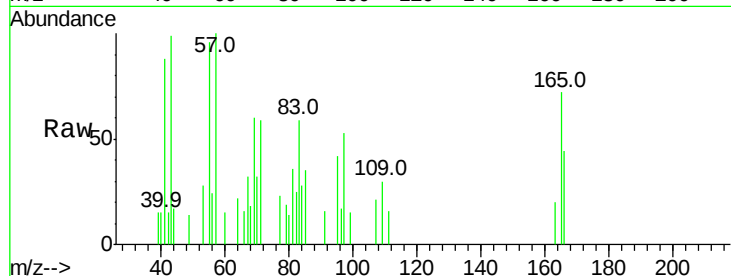
Tot Ion:166 Resp: 778

Ion Ratio Lower Upper

166 100

165 163.7 78.8 118.2#

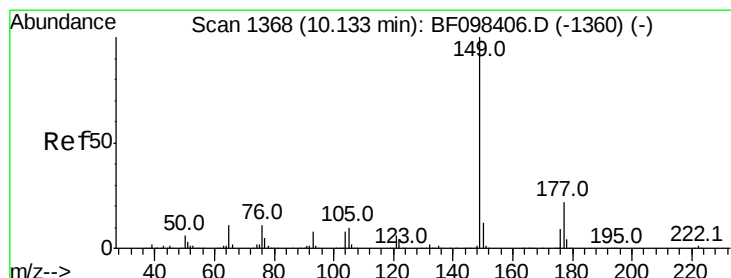
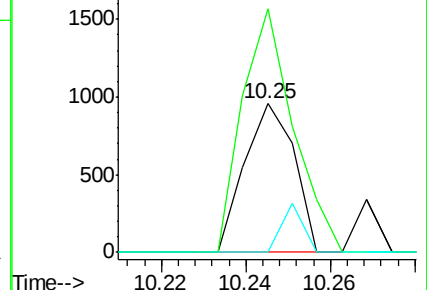
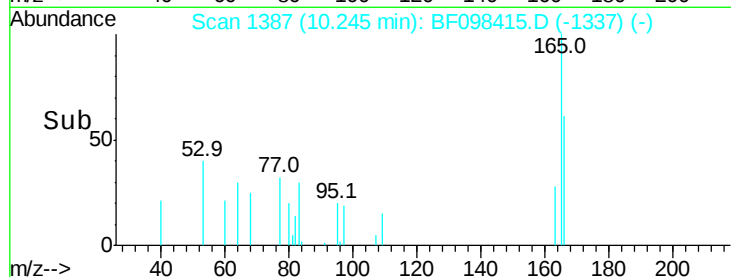
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.066 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

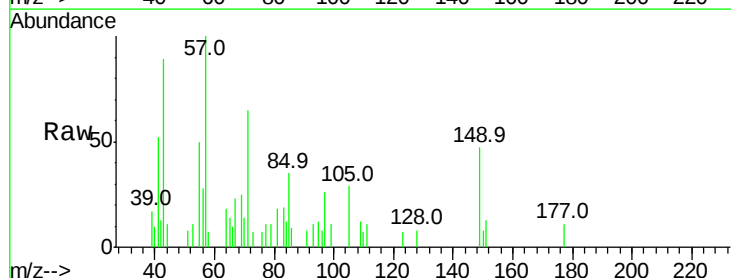
Tgt Ion:149 Resp: 1955

Ion Ratio Lower Upper

149 100

177 23.3 16.7 25.1

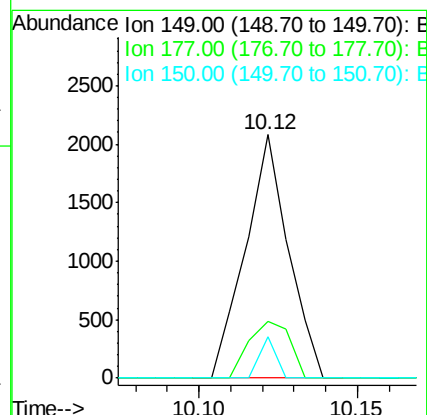
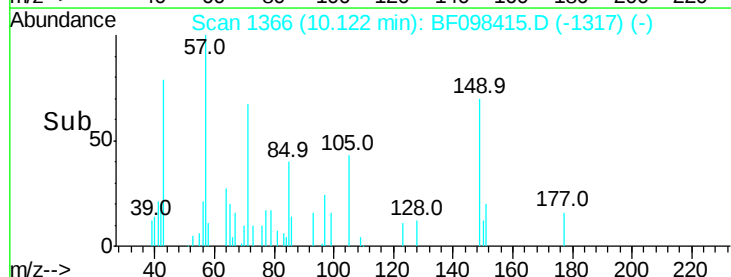
150 17.1 10.2 15.2#

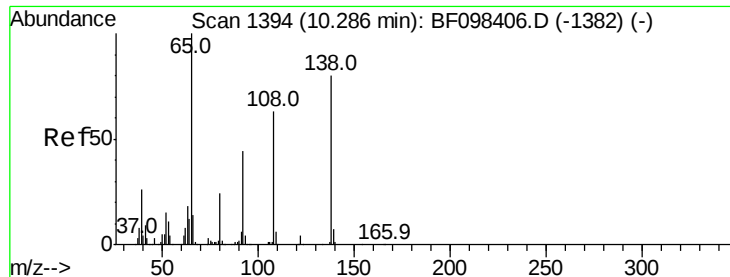


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

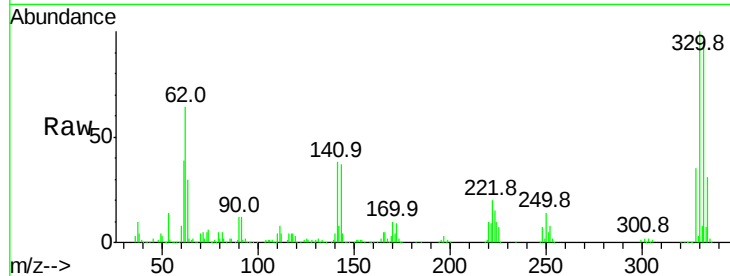




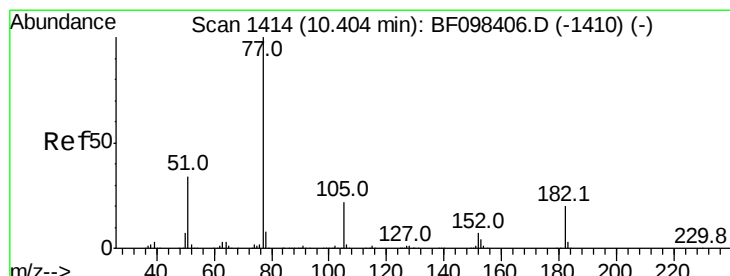
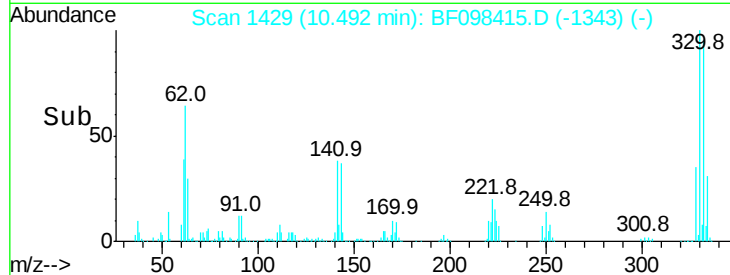
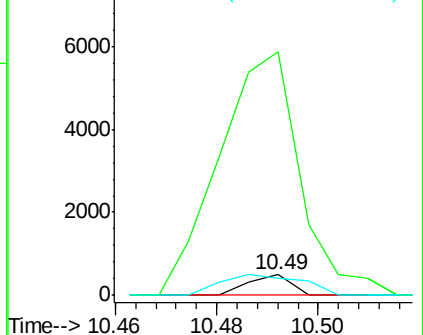
#61  
4-Nitroaniline  
Concen: 0.037 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.21 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

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

Tot Ion:138 Resp: 284  
Ion Ratio Lower Upper  
138 100  
92 1187.9 21.8 61.8#  
108 84.8 42.3 82.3#

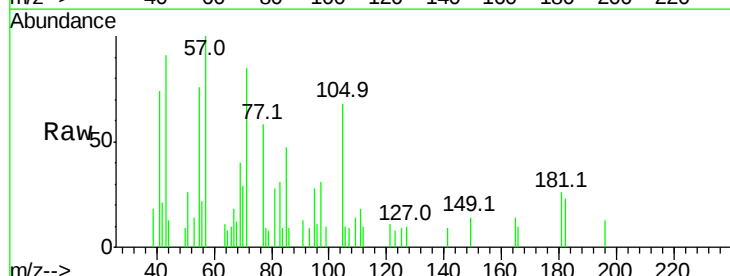


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

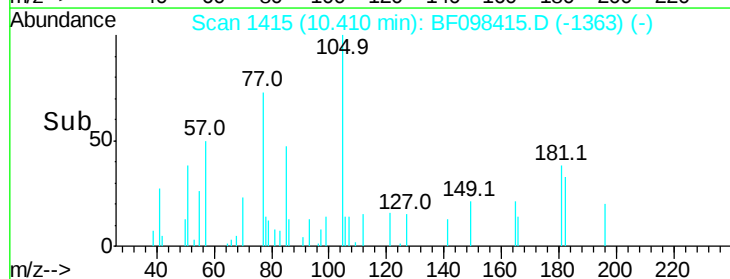
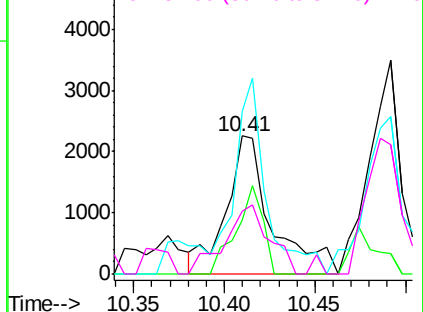


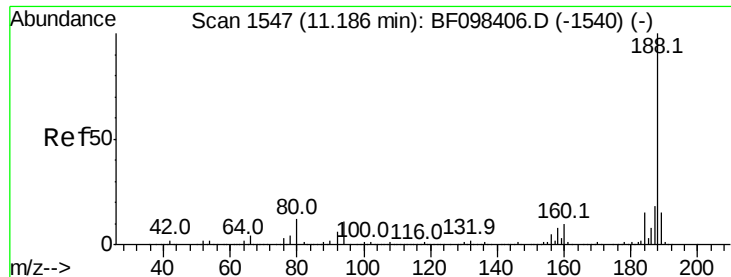
#62  
Azobenzene  
Concen: 0.123 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion: 77 Resp: 3921  
Ion Ratio Lower Upper  
77 100  
182 39.2 0.1 40.1  
105 118.0 3.6 43.6#  
51 45.2 9.4 49.4



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: 20.000 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

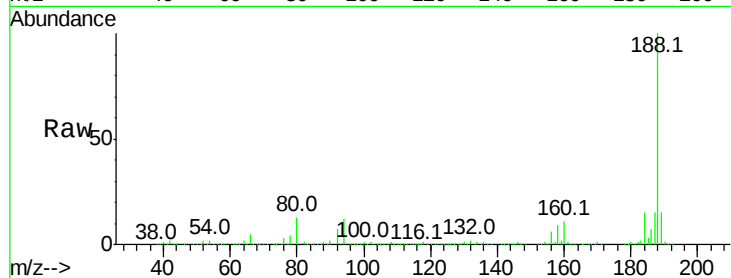
Tot Ion:188 Resp: 727462

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

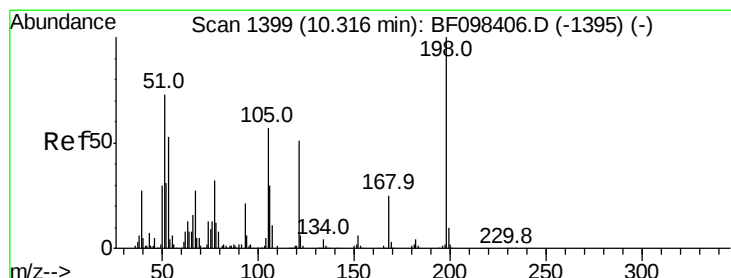
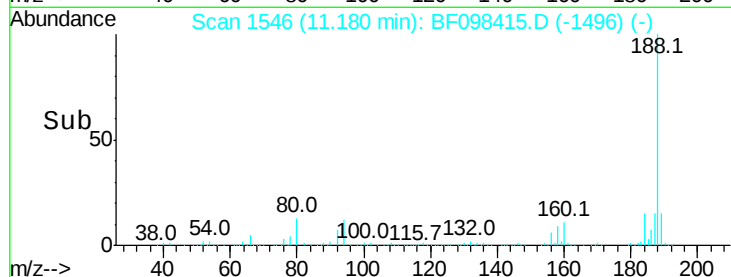
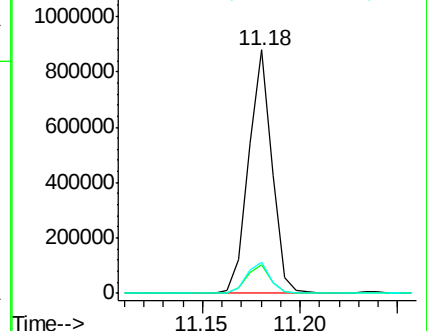
80 12.9 10.2 15.2



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: 5.164 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.18 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

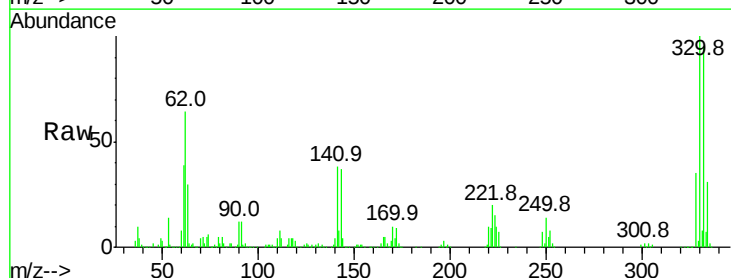
Tgt Ion:198 Resp: 993

Ion Ratio Lower Upper

198 100

51 190.2 53.2 93.2#

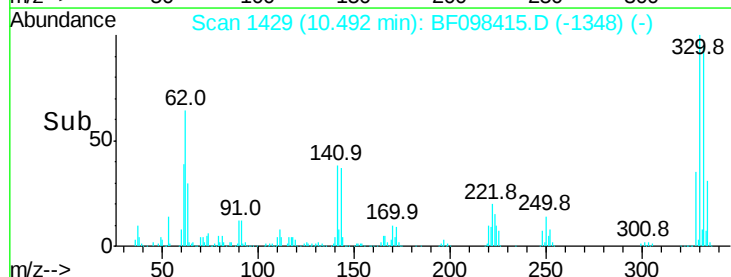
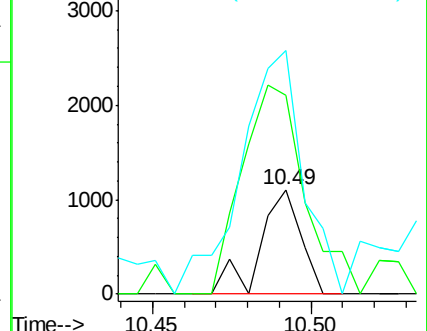
105 232.7 45.8 85.8#

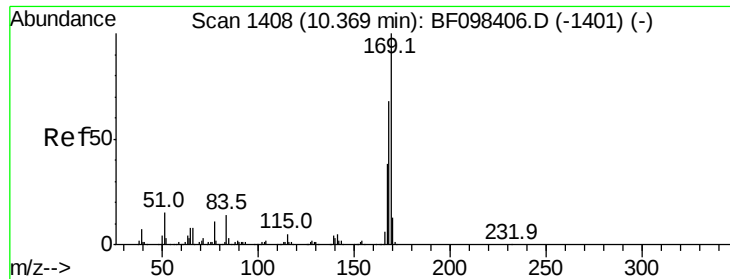


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

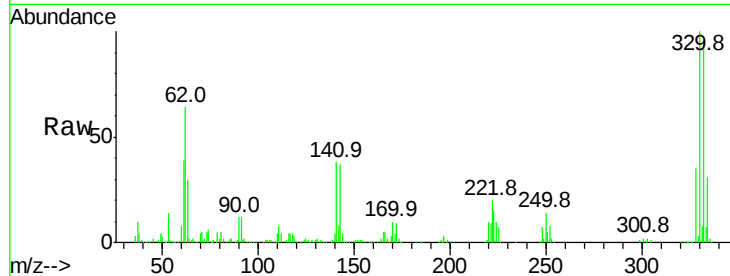




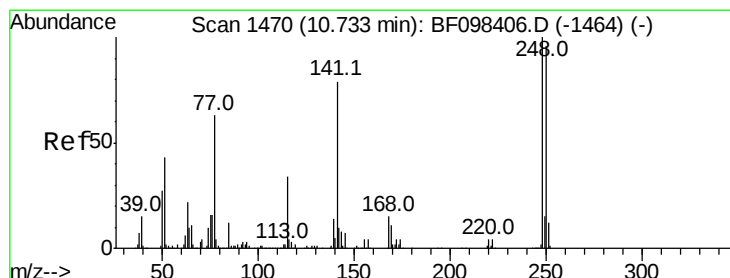
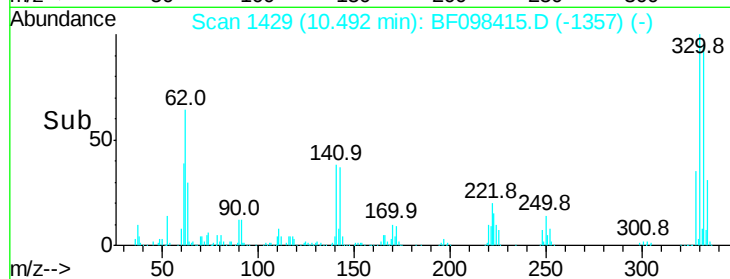
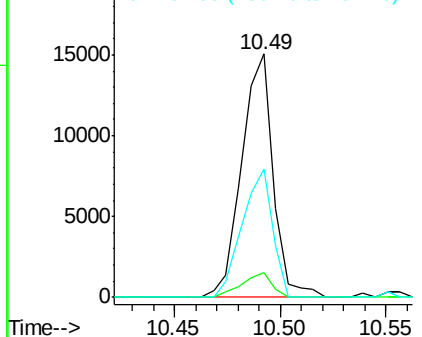
#65  
 n-Nitrosodiphenylamine  
 Concen: 0.660 ng  
 RT: 10.49 min Scan# 1429  
 Delta R.T. 0.12 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

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

Tot Ion:169 Resp: 15588  
 Ion Ratio Lower Upper  
 169 100  
 168 10.0 53.2 79.8#  
 167 52.9 29.5 44.3#

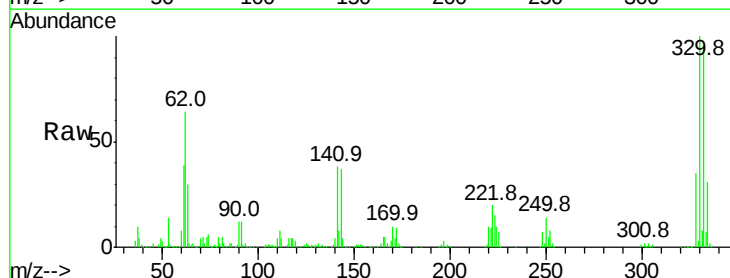


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

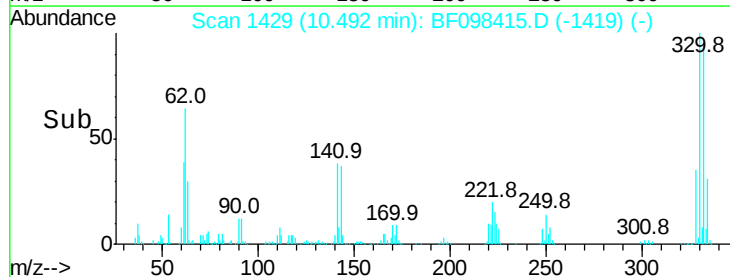
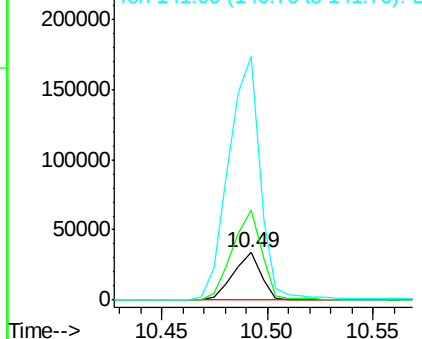


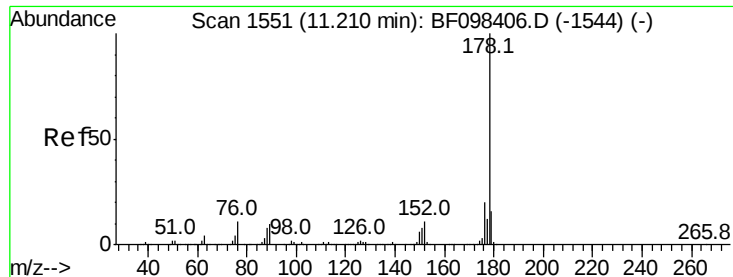
#66  
 4-Bromophenyl-phenylether  
 Concen: 4.569 ng  
 RT: 10.49 min Scan# 1429  
 Delta R.T. -0.24 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Tgt Ion:248 Resp: 31547  
 Ion Ratio Lower Upper  
 248 100  
 250 191.1 76.8 115.2#  
 141 516.4 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.221 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

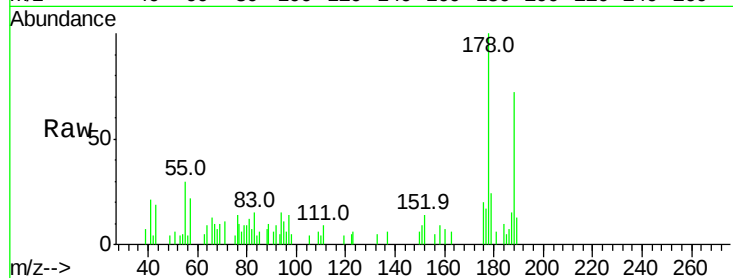
Tot Ion:178 Resp: 8507

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

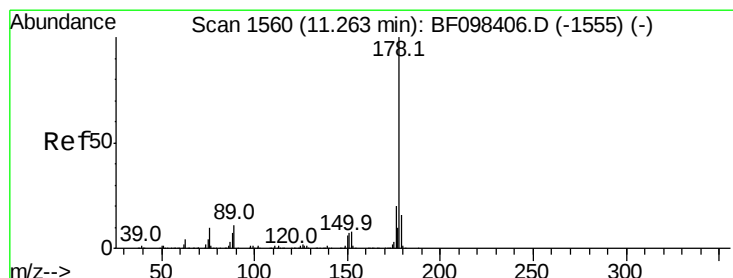
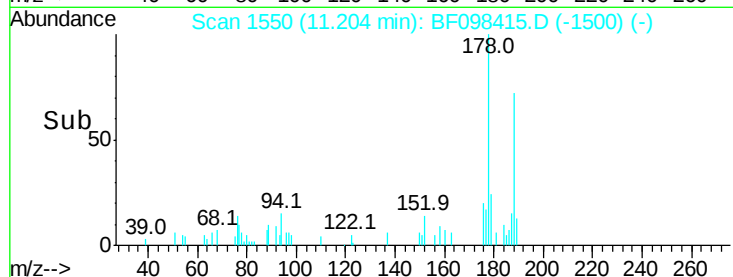
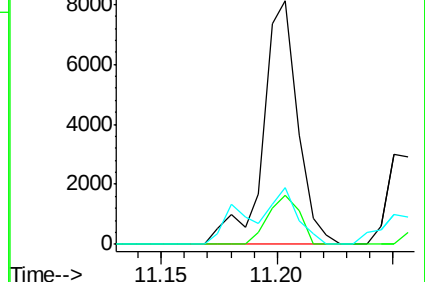
179 23.5 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.085 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

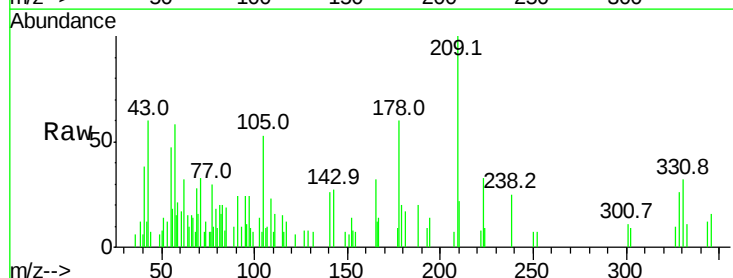
Tgt Ion:178 Resp: 3367

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

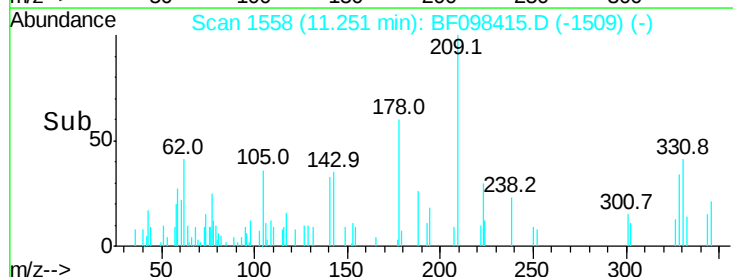
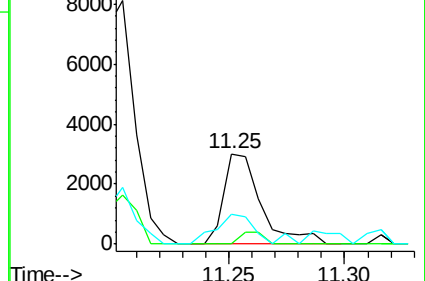
179 33.6 12.7 19.1#

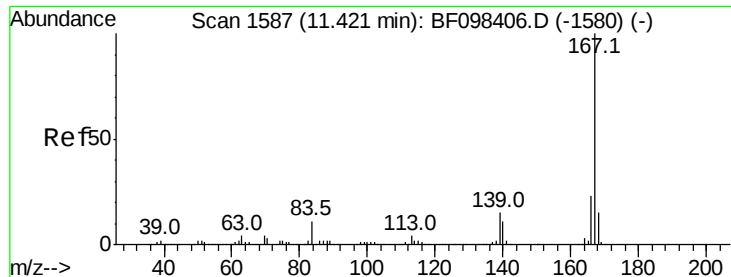


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

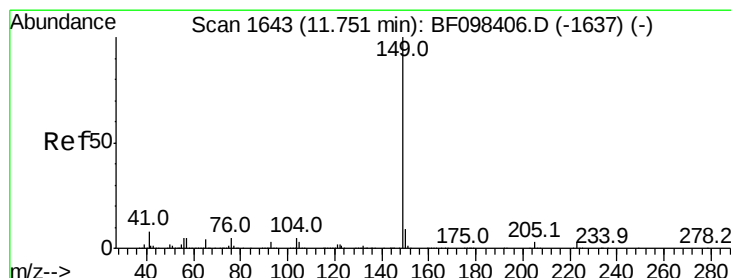
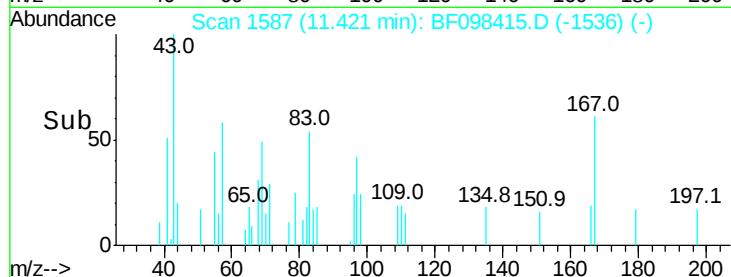
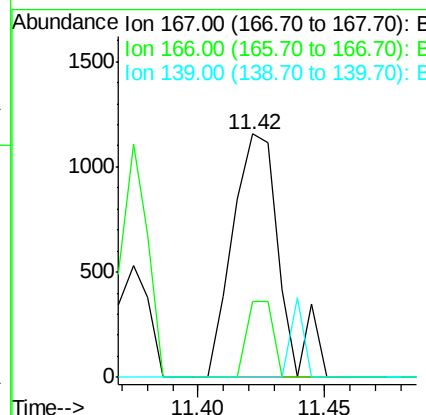
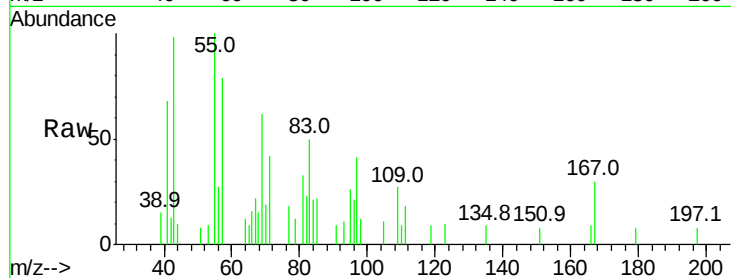




#72  
 Carbazole  
 Concen: 0.041 ng  
 RT: 11.42 min Scan# 1587  
 Delta R.T. 0.00 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

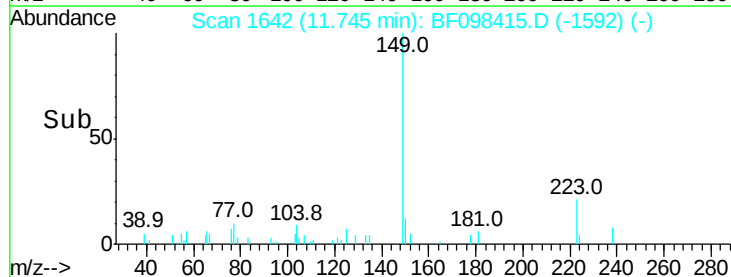
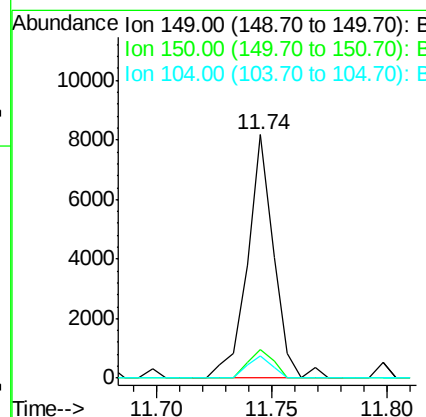
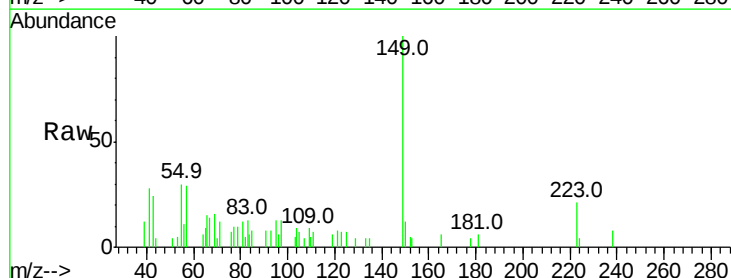
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

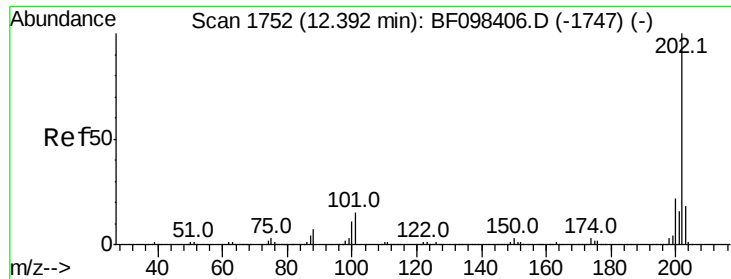
Tot Ion:167 Resp: 1506  
 Ion Ratio Lower Upper  
 167 100  
 166 31.4 18.1 27.1#  
 139 0.0 11.7 17.5#



#73  
 Di-n-butylphthalate  
 Concen: 0.148 ng  
 RT: 11.74 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Tgt Ion:149 Resp: 6523  
 Ion Ratio Lower Upper  
 149 100  
 150 11.9 7.7 11.5#  
 104 9.0 4.0 6.0#

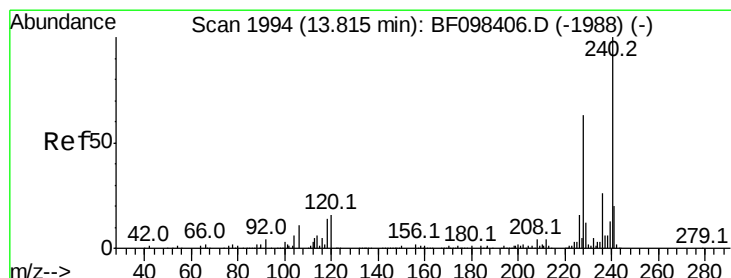
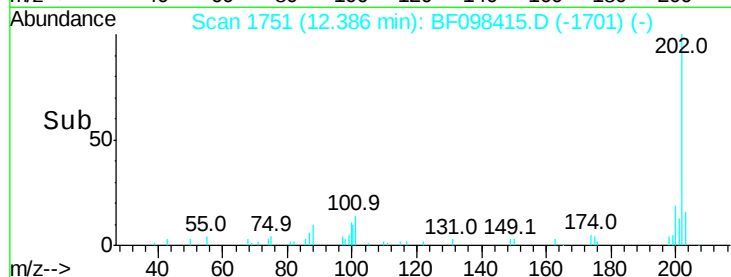
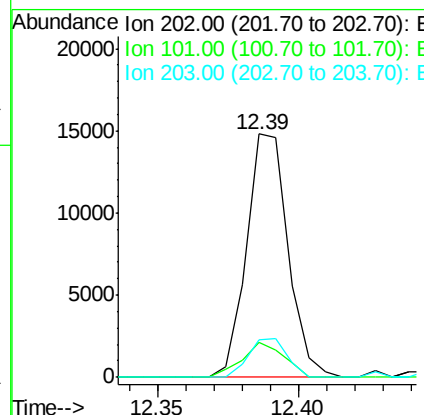
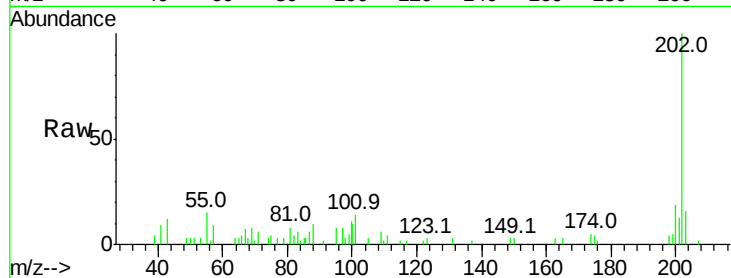




#74  
 Fluoranthene  
 Concen: 0.390 ng  
 RT: 12.39 min Scan# 1751  
 Delta R.T. -0.01 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

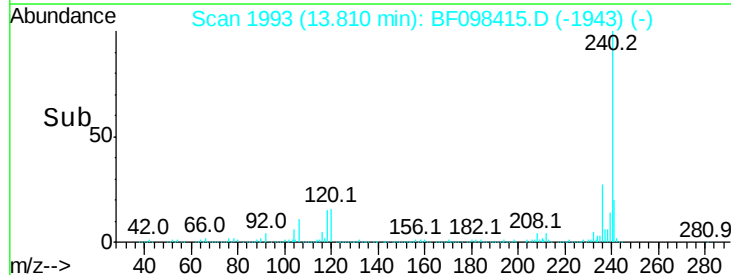
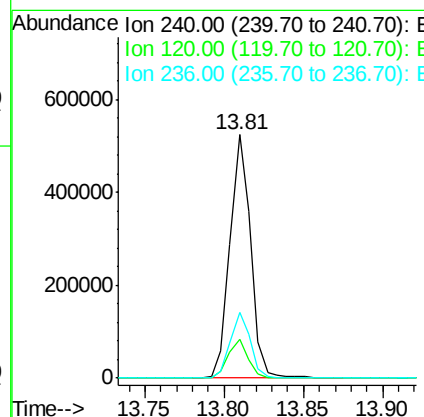
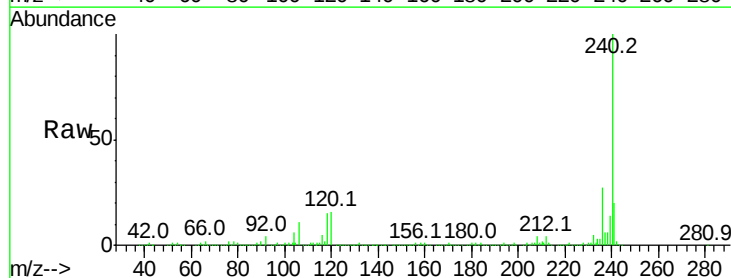
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

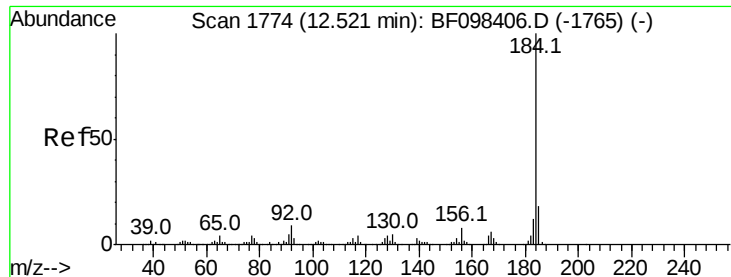
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.3  | 0.0   | 33.2  |
| 203     | 15.6  | 0.0   | 38.1  |



#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 | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 15.8  | 5.8   | 8.8#  |
| 236     | 27.0  | 20.5  | 30.7  |





#76

Benzidine

Concen: 1.207 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.25 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

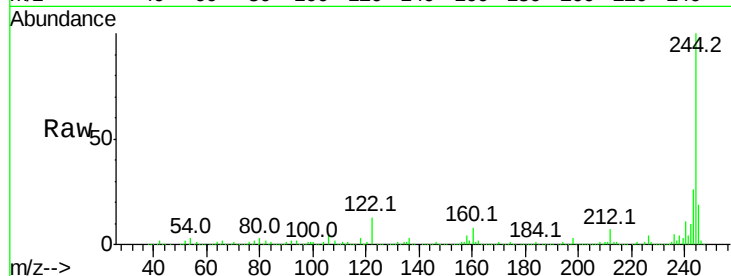
Tot Ion:184 Resp: 25378

Ion Ratio Lower Upper

184 100

185 19.8 15.5 23.3

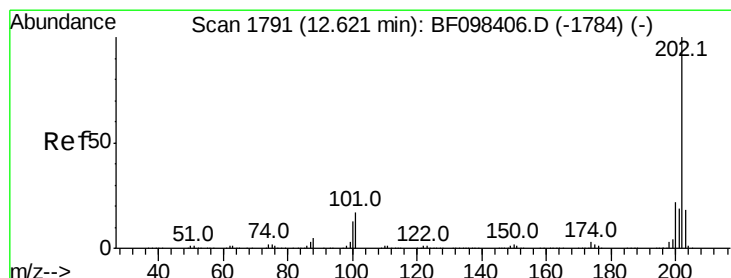
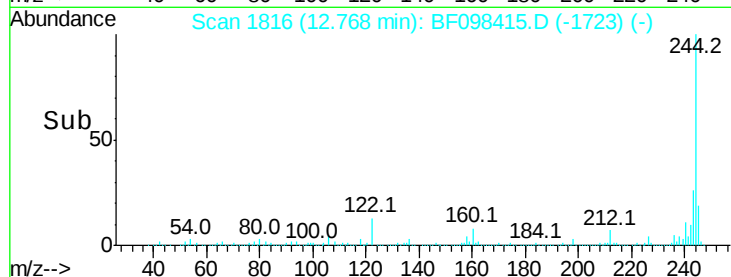
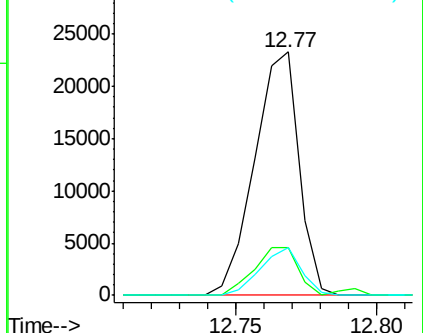
183 19.6 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.374 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

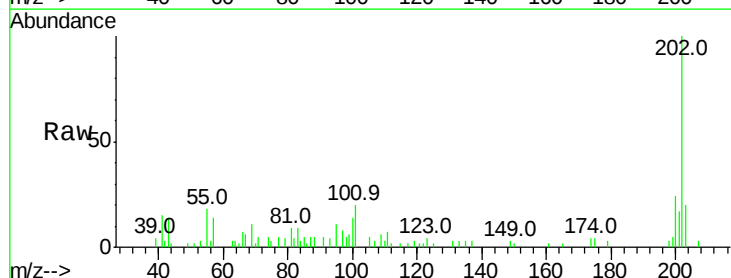
Tgt Ion:202 Resp: 14008

Ion Ratio Lower Upper

202 100

200 23.9 17.6 26.4

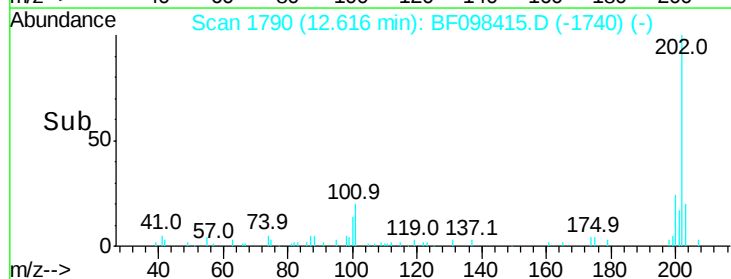
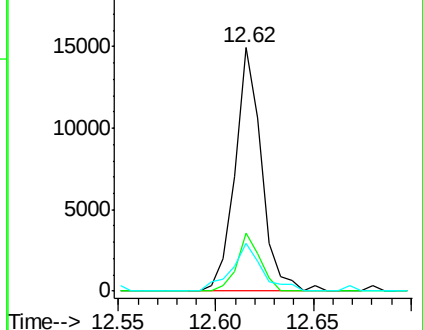
203 19.7 14.4 21.6

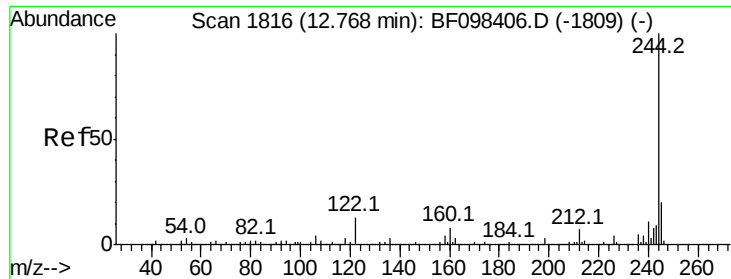


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.386 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

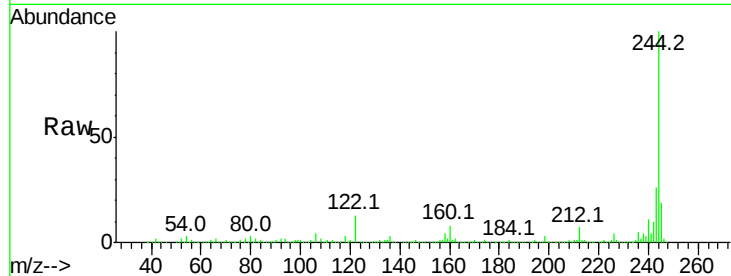
Tot Ion:244 Resp: 1791409

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

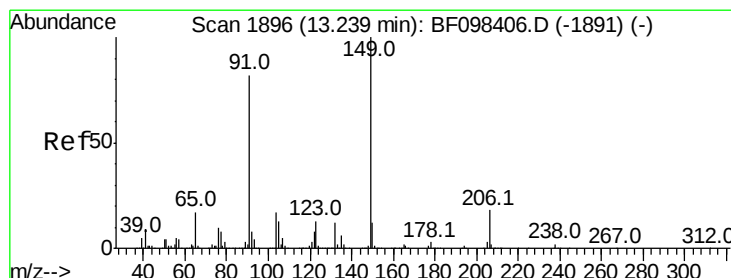
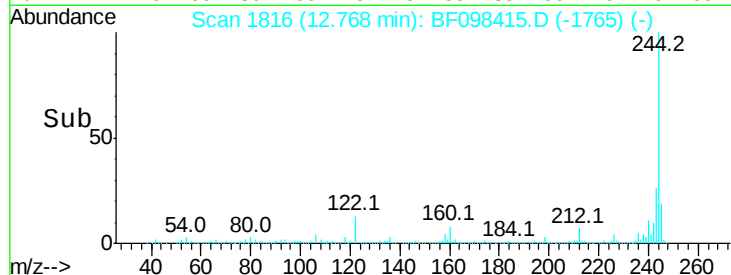
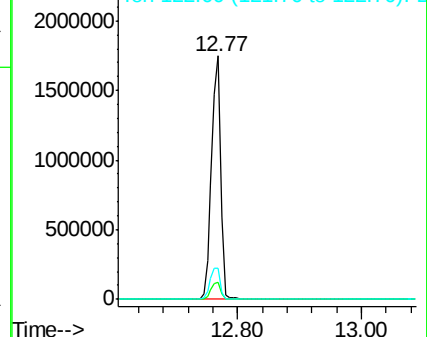
122 12.9 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 0.102 ng

RT: 13.23 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

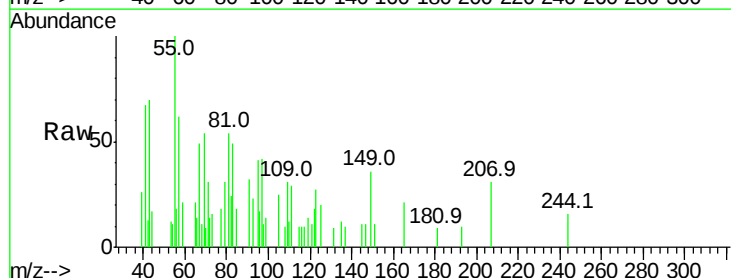
Tgt Ion:149 Resp: 1653

Ion Ratio Lower Upper

149 100

91 89.9 45.0 67.4#

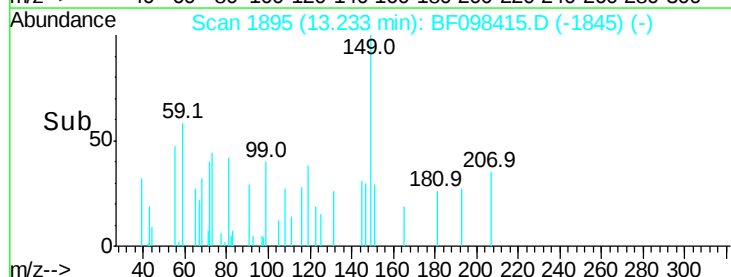
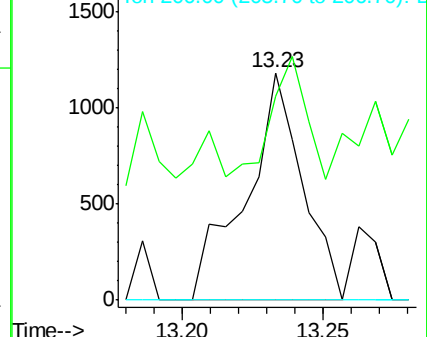
206 0.0 17.0 25.6#

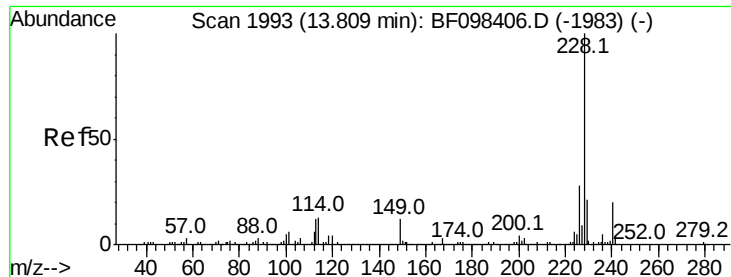


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.294 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

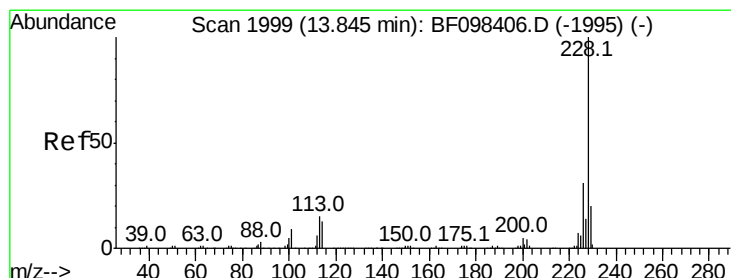
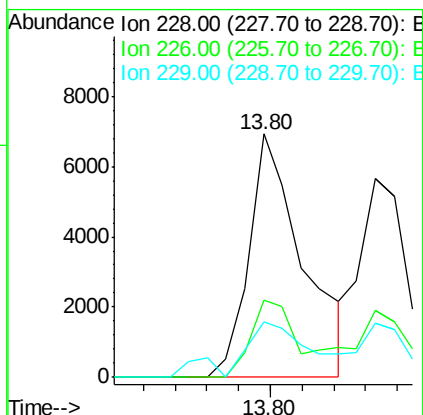
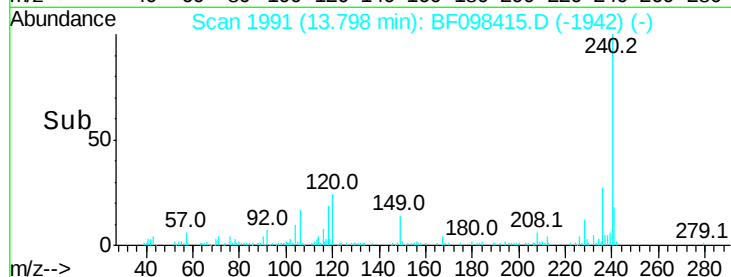
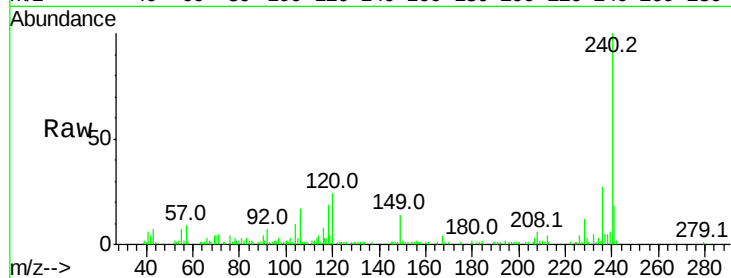
Tot Ion:228 Resp: 8203

Ion Ratio Lower Upper

228 100

226 31.8 22.6 33.8

229 22.6 16.3 24.5



#82

Chrysene

Concen: 0.291 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.05 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

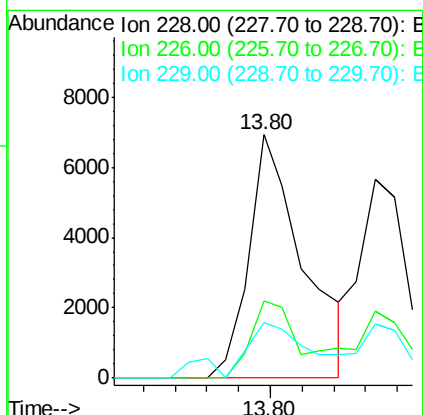
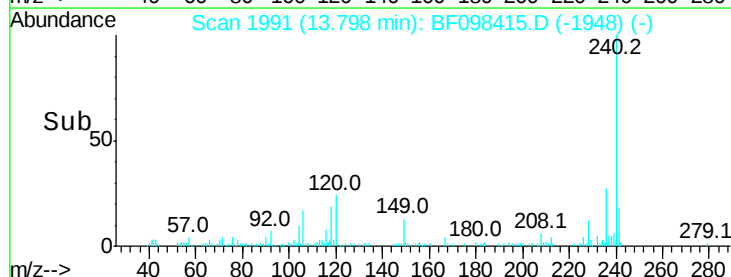
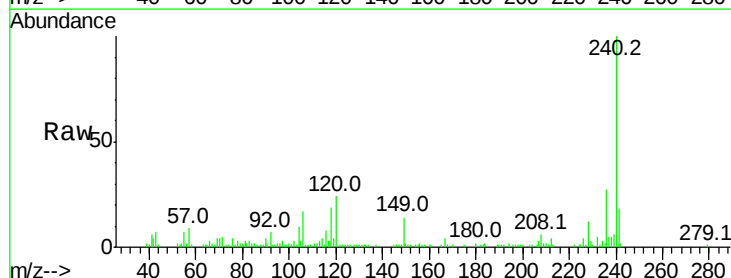
Tgt Ion:228 Resp: 8203

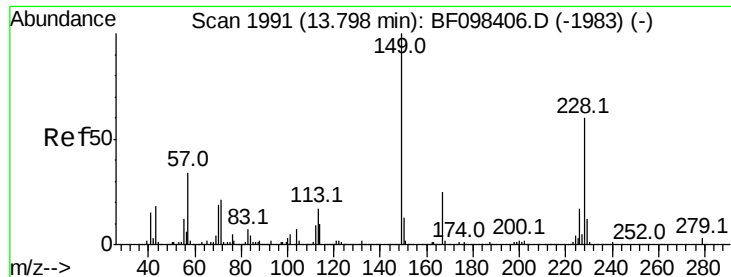
Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

229 22.6 15.8 23.6

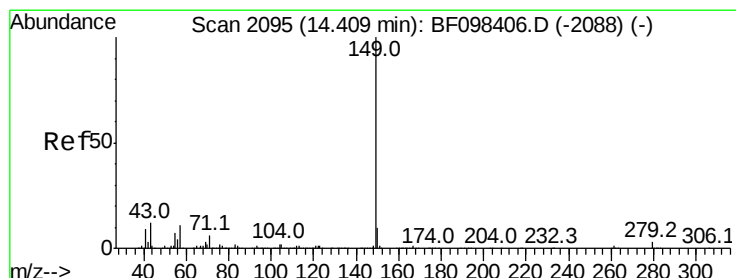
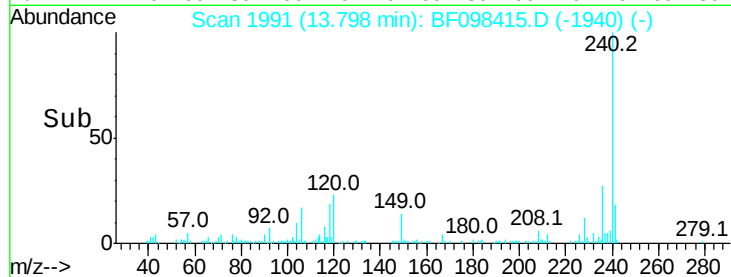
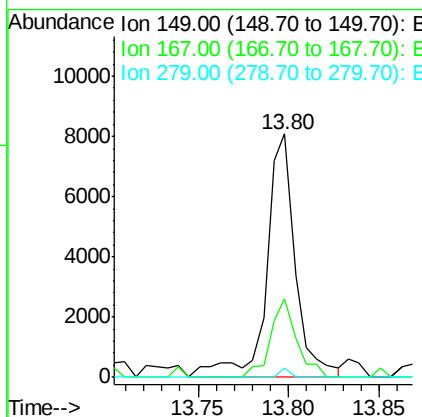
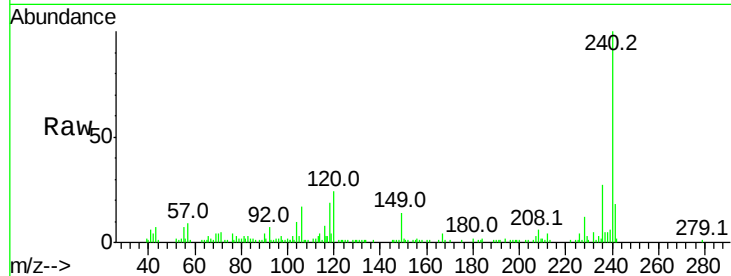




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.442 ng  
 RT: 13.80 min Scan# 1991  
 Delta R.T. 0.00 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

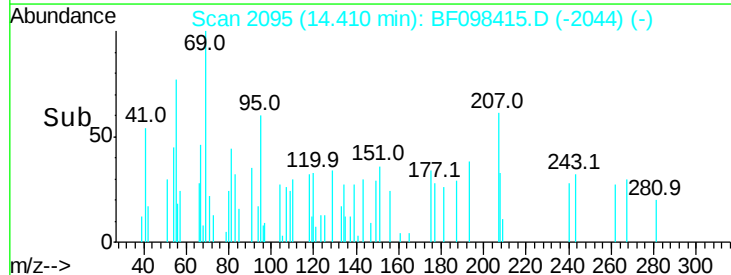
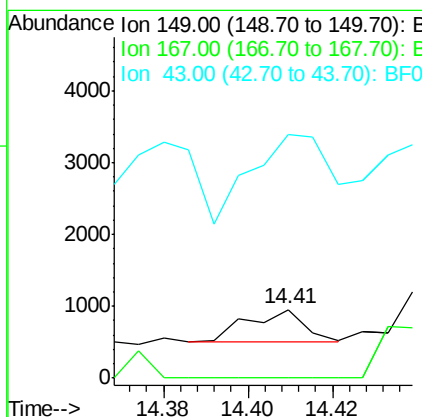
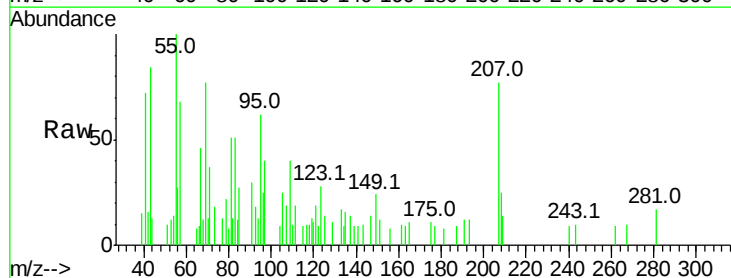
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-UTS-TS001-01

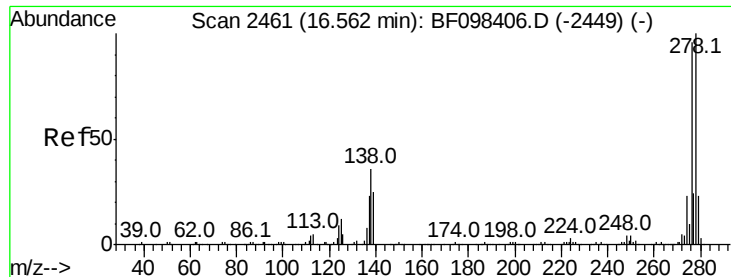
Tot Ion:149 Resp: 9018  
 Ion Ratio Lower Upper  
 149 100  
 167 32.2 21.0 31.4#  
 279 3.9 1.9 2.9#



#84  
 Di-n-octyl phthalate  
 Concen: 0.012 ng  
 RT: 14.41 min Scan# 2095  
 Delta R.T. 0.00 min  
 Lab File: BF098415.D  
 Acq: 11 Sep 2017 21:20

Tgt Ion:149 Resp: 410  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.2 1.8#  
 43 385.9 8.5 12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.144 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

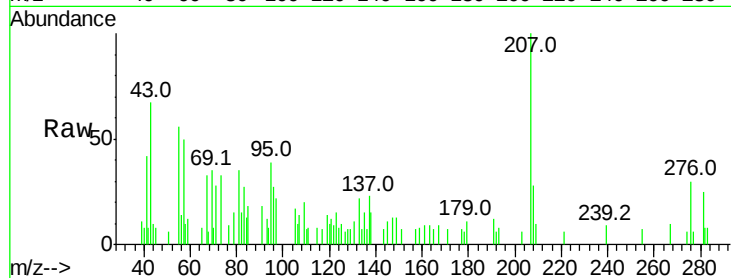
Tot Ion:276 Resp: 2852

Ion Ratio Lower Upper

276 100

138 60.0 27.8 41.6#

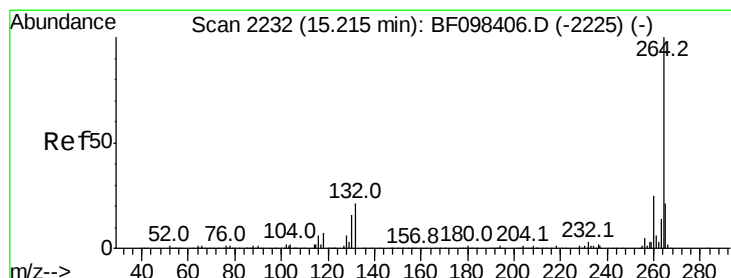
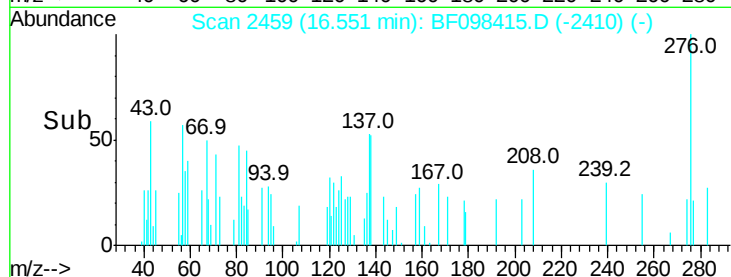
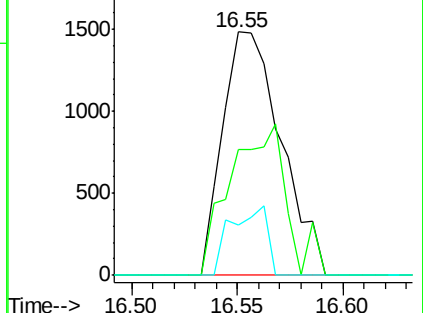
277 17.6 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): 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

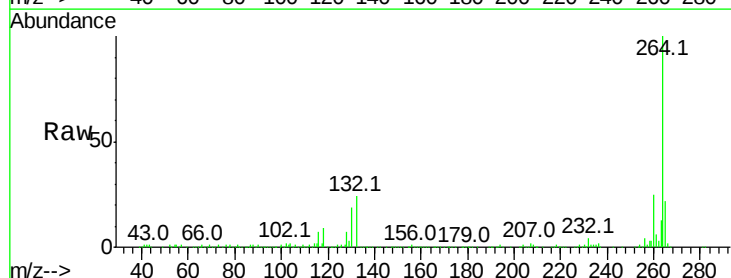
Tgt Ion:264 Resp: 346389

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

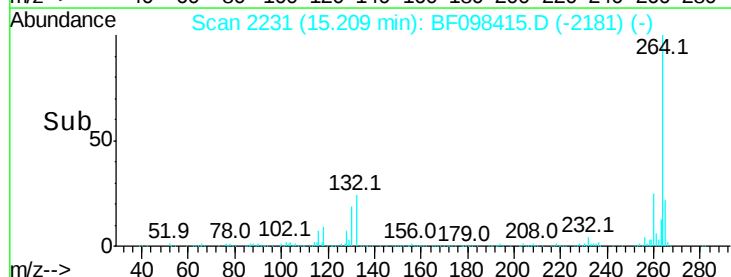
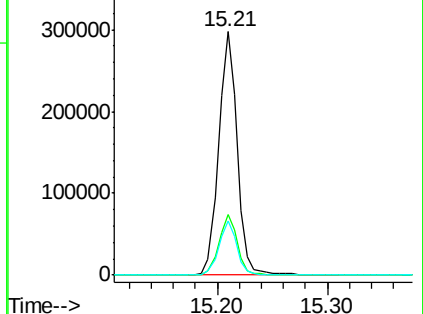
265 22.1 17.2 25.8

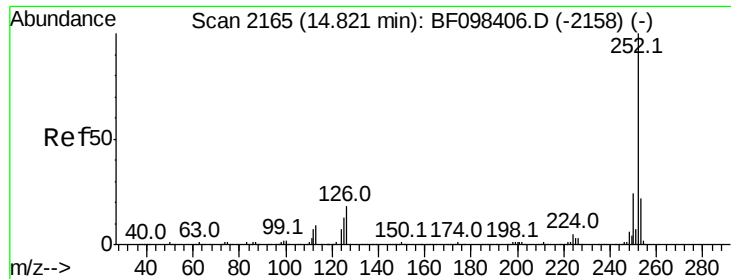


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.492 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

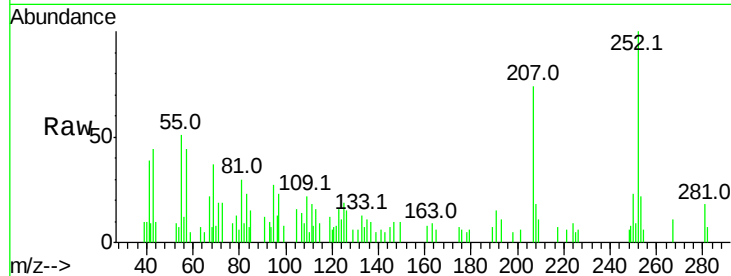
Tot Ion:252 Resp: 10714

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

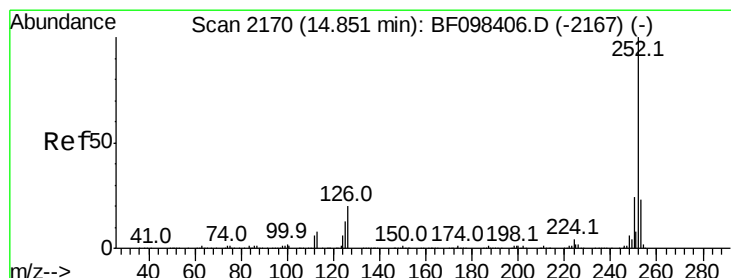
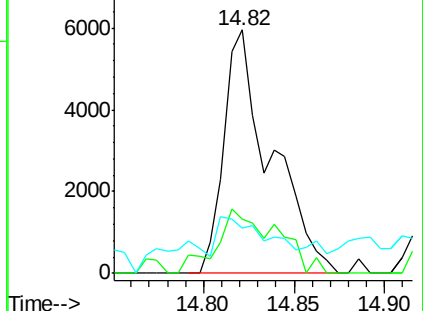
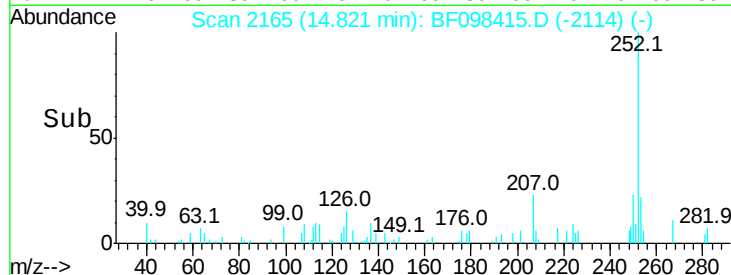
125 18.5 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.527 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.03 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

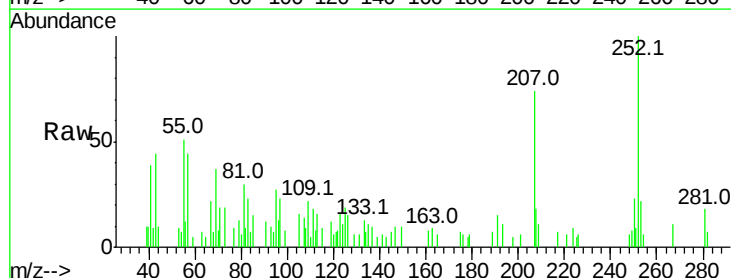
Tgt Ion:252 Resp: 10714

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

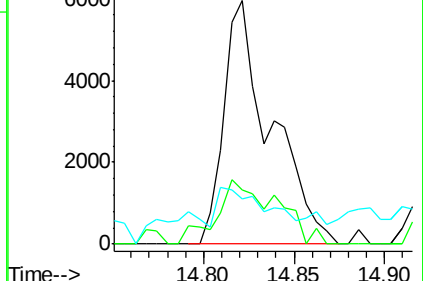
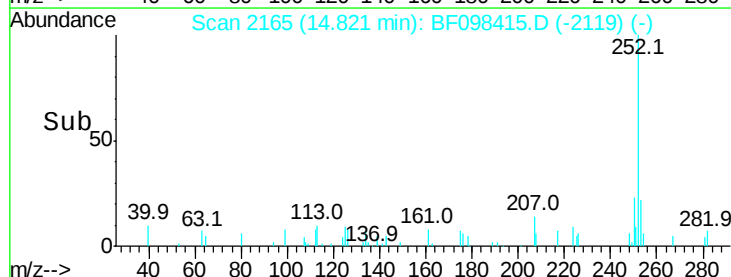
125 18.5 13.1 19.7

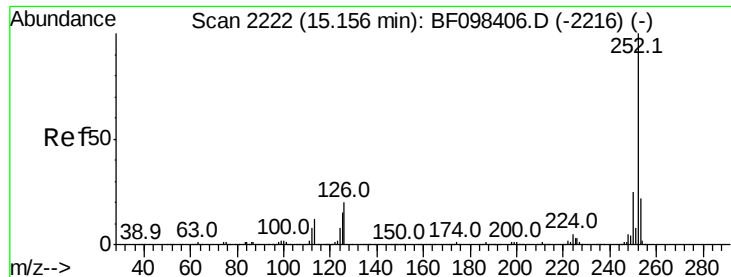


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

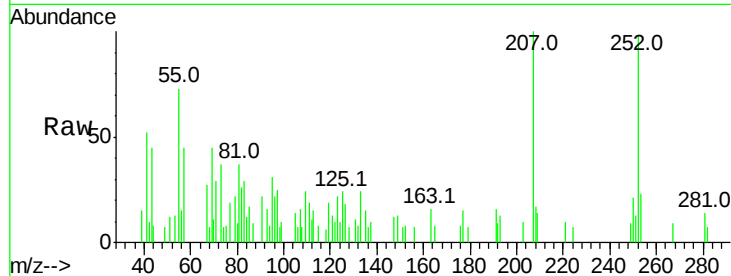




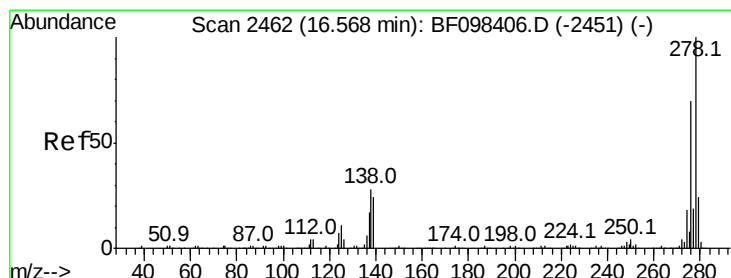
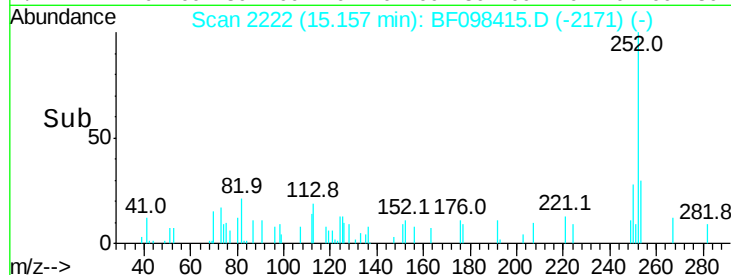
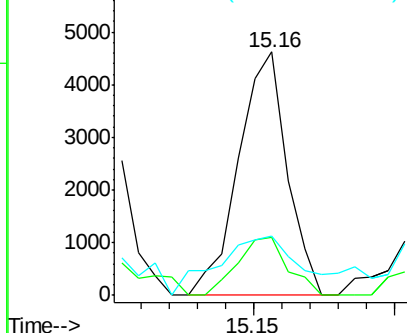
#89  
Benzo(a)pyrene  
Concen: 0.284 ng  
RT: 15.16 min Scan# 2222  
Delta R.T. 0.00 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

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

Tot Ion:252 Resp: 5517  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.5 26.3  
125 24.2 11.0 16.4#

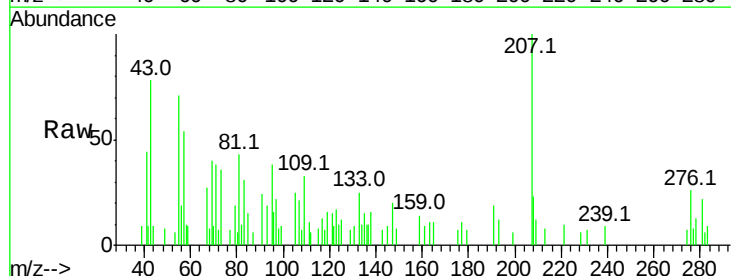


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

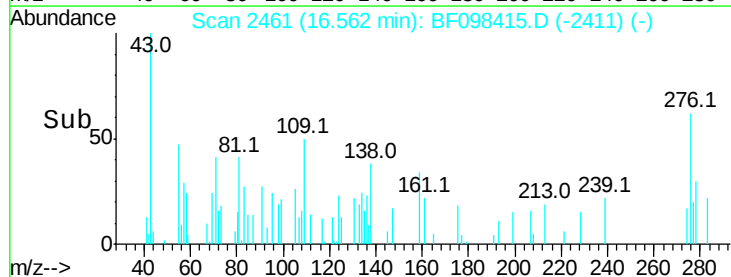
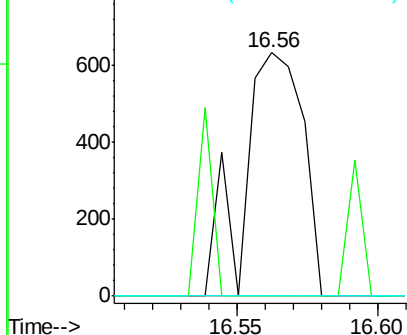


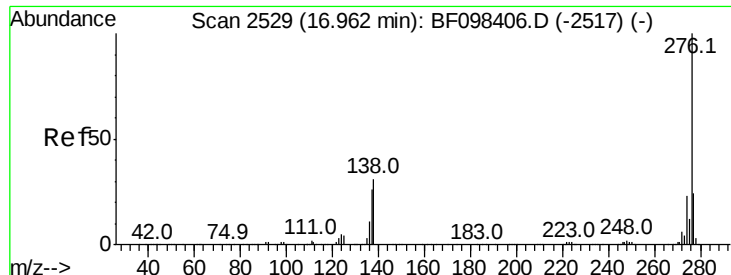
#90  
Dibenzo(a,h)anthracene  
Concen: 0.066 ng  
RT: 16.56 min Scan# 2461  
Delta R.T. -0.01 min  
Lab File: BF098415.D  
Acq: 11 Sep 2017 21:20

Tgt Ion:278 Resp: 929  
Ion Ratio Lower Upper  
278 100  
139 0.0 16.6 24.8#  
279 0.0 19.3 28.9#



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.246 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098415.D

Acq: 11 Sep 2017 21:20

Instrument :

BNA\_F

ClientSampleId :

EME-UTS-TS001-01

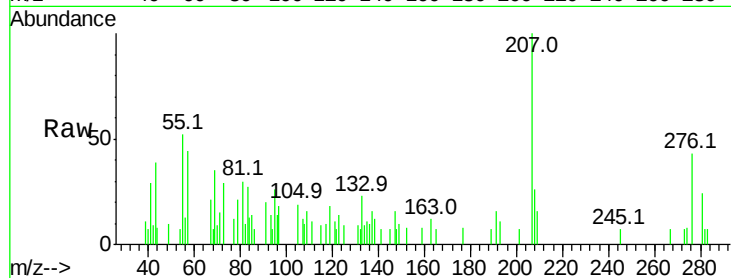
Tot Ion:276 Resp: 3488

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 28.2 25.4 38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

