

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\  
 Data File : BF084295.D  
 Acq On : 6 Jan 2016 17:52  
 Operator : SJ/UM  
 Sample : H1010-08MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

Manual Integrations  
 APPROVED

umangi  
 1/7/2016 12:08:04 PM

Quant Time: Jan 07 01:28:14 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 04 12:22:40 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 260567   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.16  | 136  | 1103104  | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.92  | 164  | 516527   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.39 | 188  | 902147   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 14.03 | 240  | 699826   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.46 | 264  | 558833   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 1070938 | 66.48  | ng | -0.02 |
| 7) Phenol-d6             | 6.51  | 99  | 905486  | 44.75  | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 1751364 | 88.36  | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 635385  | 121.84 | ng | -0.03 |
| 44) 2-Fluorobiphenyl     | 9.24  | 172 | 3014537 | 104.09 | ng | -0.02 |
| 78) Terphenyl-d14        | 12.98 | 244 | 2243889 | 71.57  | ng | -0.03 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.50 | 88  | 115949  | 15.19 | ng | # 75   |
| 3) Pyridine                    | 3.25 | 79  | 258993  | 12.17 | ng | # 70   |
| 4) n-Nitrosodimethylamine      | 3.16 | 42  | 172387  | 15.78 | ng | # 79   |
| 6) Aniline                     | 6.53 | 93  | 440474  | 14.88 | ng | # 80   |
| 8) 2-Chlorophenol              | 6.66 | 128 | 684207  | 37.44 | ng | # 97   |
| 9) Benzaldehyde                | 6.41 | 77  | 266493  | 20.23 | ng | # 93   |
| 10) Phenol                     | 6.52 | 94  | 368571  | 16.02 | ng | # 96   |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 758332  | 42.56 | ng | # 80   |
| 12) 1,3-Dichlorobenzene        | 6.81 | 146 | 747424m | 39.64 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 780004  | 41.25 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 7.04 | 146 | 650673  | 35.94 | ng | # 92   |
| 15) Benzyl Alcohol             | 7.01 | 79  | 458020  | 26.91 | ng | # 86   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 1307073 | 40.28 | ng | # 92   |
| 17) 2-Methylphenol             | 7.14 | 107 | 470636  | 30.72 | ng | # 91   |
| 18) Hexachloroethane           | 7.38 | 117 | 283757  | 37.53 | ng | # 70   |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 582133  | 42.50 | ng | # 56   |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 459600  | 25.53 | ng | # 95   |
| 22) Acetophenone               | 7.28 | 105 | 1160339 | 43.74 | ng | # 99   |
| 24) Nitrobenzene               | 7.46 | 77  | 982155  | 48.86 | ng | # 98   |
| 25) Isophorone                 | 7.70 | 82  | 1681046 | 44.35 | ng | # 75   |
| 26) 2-Nitrophenol              | 7.77 | 139 | 408907  | 44.69 | ng | # 97   |
| 27) 2,4-Dimethylphenol         | 7.81 | 122 | 656263  | 35.44 | ng | # 97   |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 1046261 | 45.19 | ng | # 99   |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 648887  | 42.06 | ng | # 95   |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 703283  | 44.16 | ng | # 98   |
| 31) Naphthalene                | 8.18 | 128 | 2137860 | 42.72 | ng | # 92   |
| 32) Benzoic acid               | 7.89 | 122 | 138306  | 16.35 | ng | # 98   |
| 33) 4-Chloroaniline            | 8.22 | 127 | 242849  | 10.58 | ng | # 97   |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 363626  | 39.72 | ng | # 43   |
| 35) Caprolactam                | 8.60 | 113 | 30173   | 5.80  | ng | # 96   |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 677507  | 39.21 | ng | # 97   |
| 37) 2-Methylnaphthalene        | 8.88 | 142 | 1560702 | 43.44 | ng | # 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 637416  | 42.93 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 709267  | 79.12 | ng | # 97   |

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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

Manual Integrations  
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 1/7/2016 12:08:04 PM

Quant Time: Jan 07 01:28:14 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 04 12:22:40 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 478647   | 43.08  | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 467749   | 43.92  | nq    | 93       |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 1657214  | 40.37  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 1295911  | 40.19  | nq    | 96       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 527709   | 49.58  | nq    | 90       |
| 48) Acenaphthylene             | 9.78  | 152  | 2211756  | 46.43  | nq    | 98       |
| 49) Dimethylphthalate          | 9.64  | 163  | 1633864  | 44.25  | nq    | # 90     |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 349182   | 43.11  | nq    | # 52     |
| 51) Acenaphthene               | 9.95  | 154  | 1655537  | 51.81  | nq    | 96       |
| 52) 3-Nitroaniline             | 9.87  | 138  | 173668   | 17.31  | nq    | # 74     |
| 53) 2,4-Dinitrophenol          | 9.97  | 184  | 367299   | 105.29 | nq    | # 84     |
| 54) Dibenzofuran               | 10.12 | 168  | 2005333  | 48.70  | nq    | 98       |
| 55) 4-Nitrophenol              | 10.04 | 139  | 231581   | 31.79  | nq    | 82       |
| 56) 2,4-Dinitrotoluene         | 10.10 | 165  | 445846   | 43.50  | nq    | # 83     |
| 57) Fluorene                   | 10.46 | 166  | 1505149  | 47.14  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 392518   | 43.17  | nq    | 94       |
| 59) Diethylphthalate           | 10.34 | 149  | 1612365  | 44.29  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 663587   | 50.03  | nq    | 94       |
| 61) 4-Nitroaniline             | 10.49 | 138  | 365455   | 40.85  | nq    | 89       |
| 62) Azobenzene                 | 10.61 | 77   | 1786031  | 44.73  | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198  | 282241   | 52.12  | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 10.58 | 169  | 1400022  | 48.54  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 475618   | 48.98  | nq    | # 92     |
| 67) Hexachlorobenzene          | 11.00 | 284  | 454454   | 41.58  | nq    | # 78     |
| 68) Atrazine                   | 11.10 | 200  | 397575   | 42.12  | nq    | 98       |
| 69) Pentachlorophenol          | 11.21 | 266  | 512338   | 90.41  | nq    | 100      |
| 70) Phenanthrene               | 11.42 | 178  | 2274342  | 48.20  | nq    | 96       |
| 71) Anthracene                 | 11.47 | 178  | 1997452  | 43.18  | nq    | 97       |
| 72) Carbazole                  | 11.63 | 167  | 2053588  | 45.41  | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 2369252  | 50.95  | nq    | # 95     |
| 74) Fluoranthene               | 12.60 | 202  | 2049410  | 41.57  | nq    | 98       |
| 76) Benzidine                  | 12.73 | 184  | 95186    | 3.79   | nq    | 99       |
| 77) Pyrene                     | 12.83 | 202  | 2050493  | 37.34  | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.46 | 149  | 1096350  | 46.13  | nq    | 98       |
| 80) Benzo(a)anthracene         | 14.02 | 228  | 1635334  | 39.80  | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 282626   | 19.71  | nq    | # 97     |
| 82) Chrysene                   | 14.05 | 228  | 1444689  | 36.59  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 1355401  | 45.14  | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 14.63 | 149  | 2189304  | 43.19  | nq    | # 88     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.87 | 276  | 1572386  | 50.24  | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 15.05 | 252  | 1466287m | 40.11  | nq    |          |
| 88) Benzo(k)fluoranthene       | 15.08 | 252  | 1537678m | 51.43  | nq    |          |
| 89) Benzo(a)pyrene             | 15.40 | 252  | 1421664  | 45.85  | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.88 | 278  | 1278581  | 47.92  | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.29 | 276  | 1321927  | 47.84  | nq    | 99       |

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

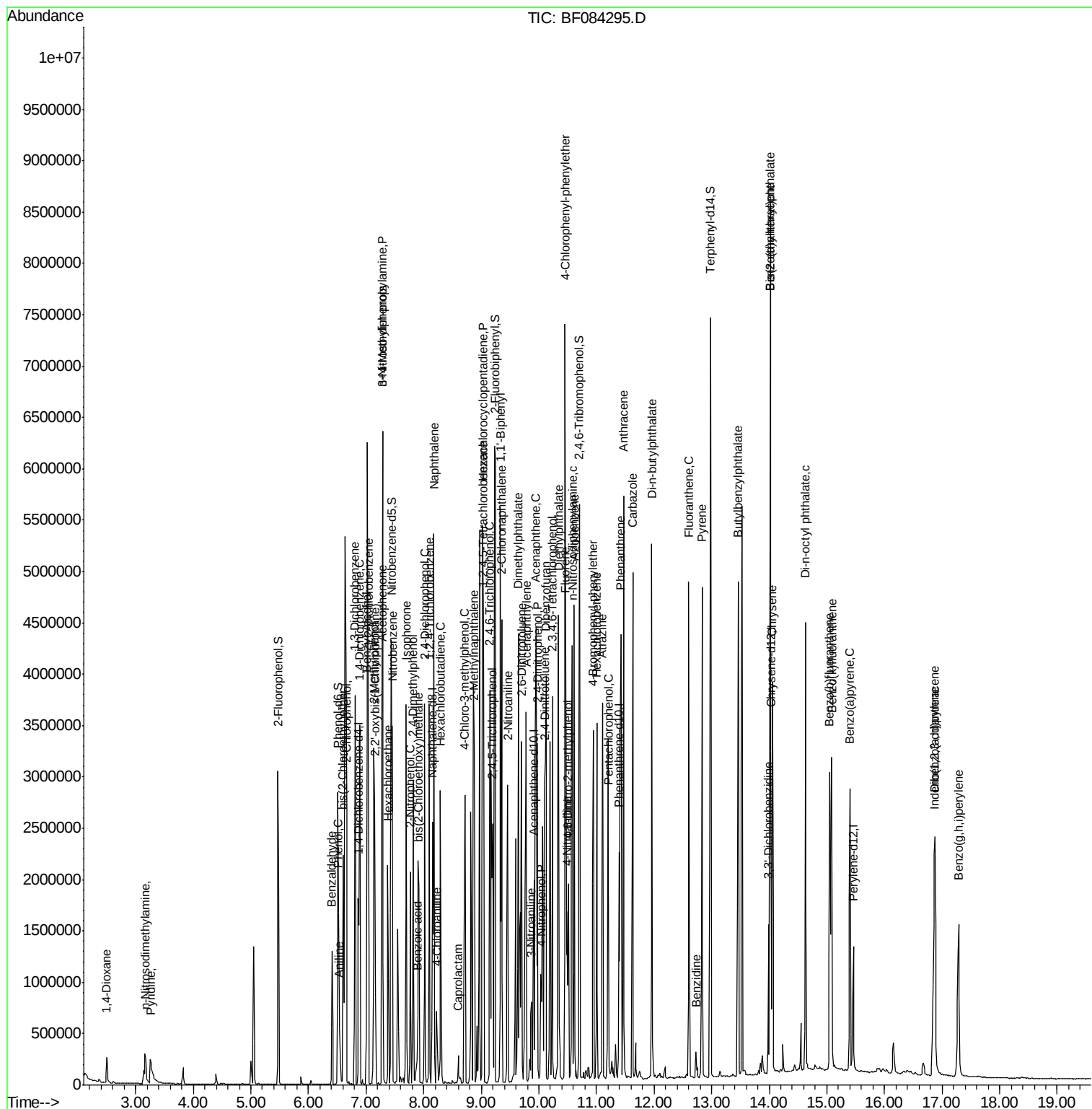
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\  
Data File : BF084295.D  
Acq On    : 6 Jan 2016 17:52  
Operator  : SJ/UM  
Sample    : H1010-08MSD  
Misc      :  
ALS Vial  : 17 Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
TEP-MW-43MSD

## Manual Integrations APPROVED

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1/7/2016 12:08:04 PM

Quant Time: Jan 07 01:28:14 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 04 12:22:40 2016  
Response via : Initial Calibration





#1

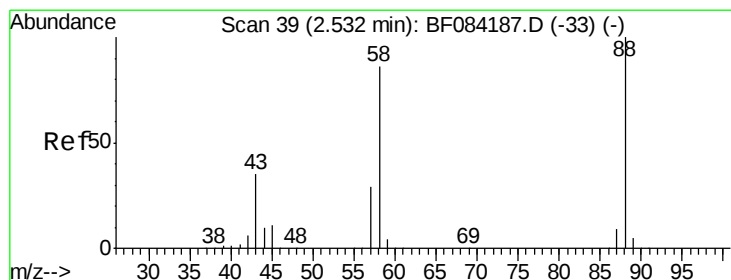
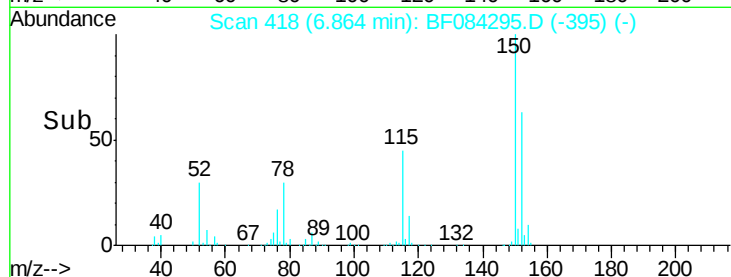
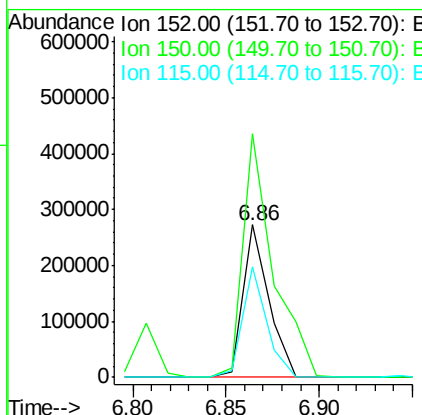
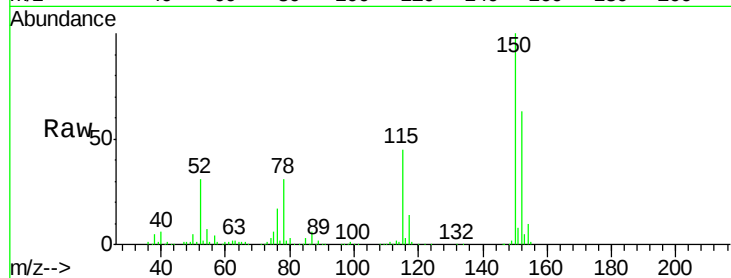
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Concen: 20.00 ng  
RT: 6.86 min Scan# 418  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.6 | 123.0 | 184.4 |
| 115     | 72.1  | 51.4  | 77.2  |

Manual Integrations  
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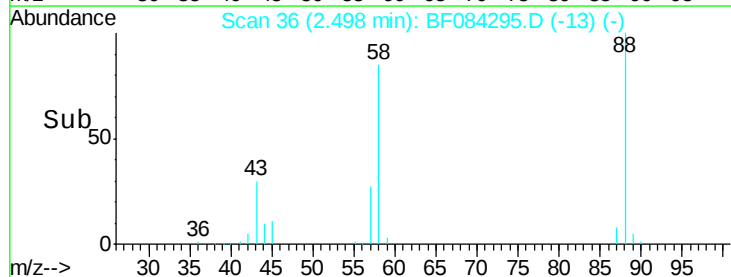
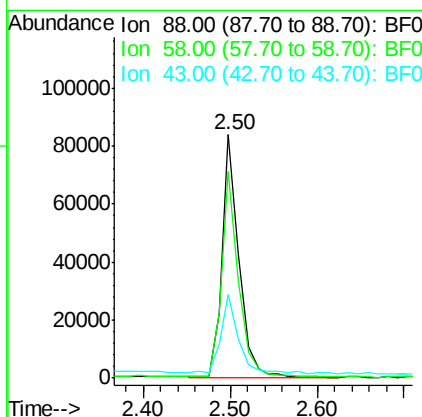
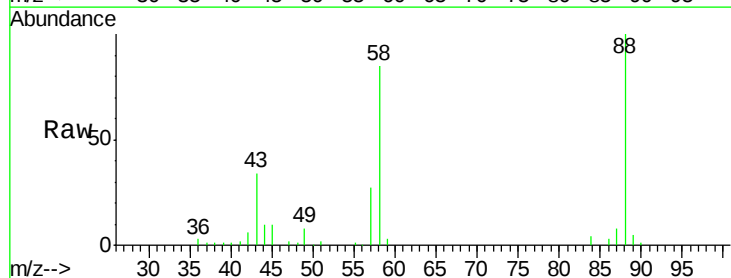
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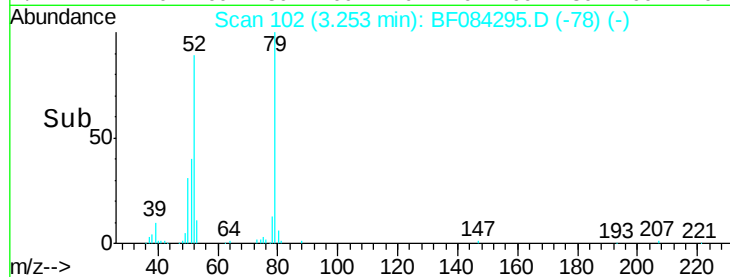
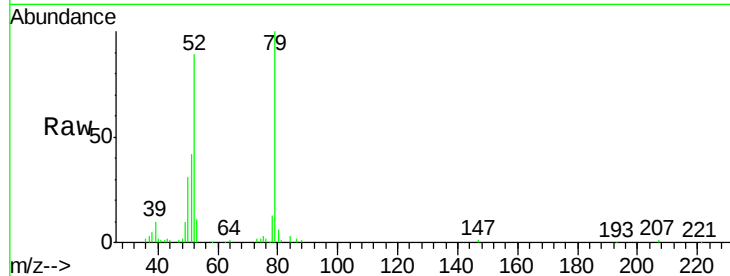
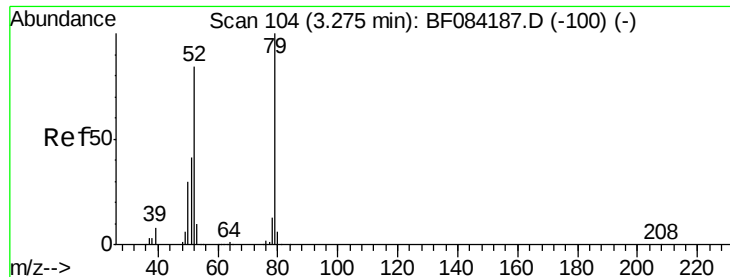


#2

1,4-Dioxane  
Concen: 15.19 ng  
RT: 2.50 min Scan# 36  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.6  | 51.2  | 76.8# |
| 43      | 36.3  | 19.5  | 29.3# |





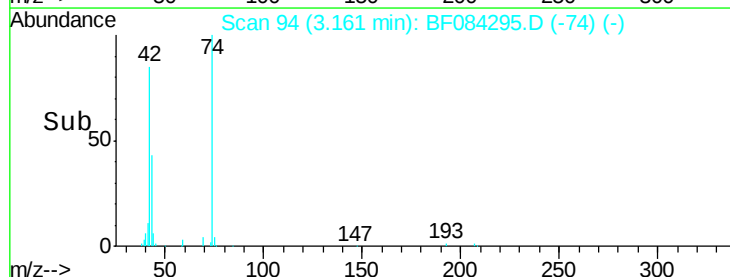
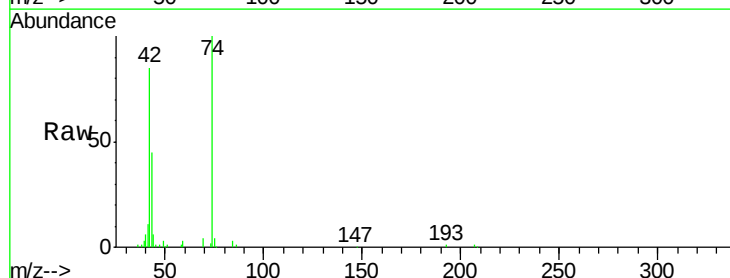
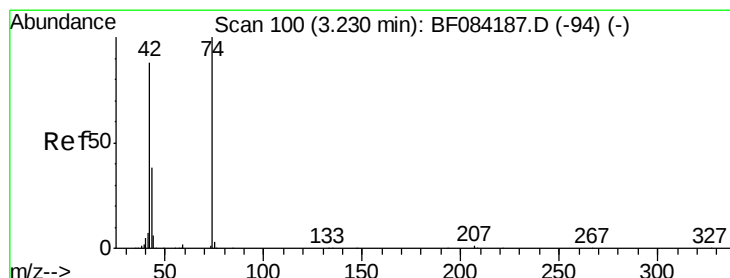
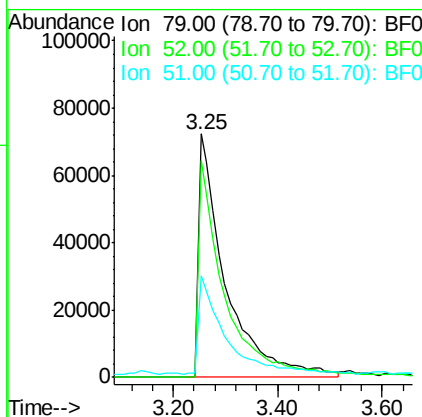
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 Pvridine  
 Concen: 12.17 ng  
 RT: 3.25 min Scan# 102  
 Delta R.T. -0.02 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 258993 |       |       |
| 52      | 88.8  | 49.0   | 73.4# |       |
| 51      | 41.8  | 25.2   | 37.8# |       |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

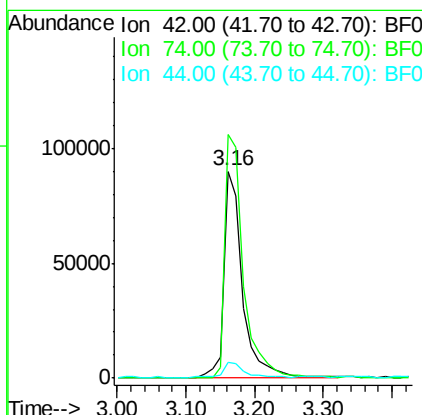
Manual Integrations  
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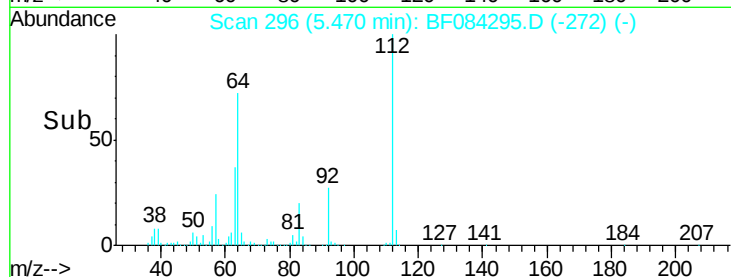
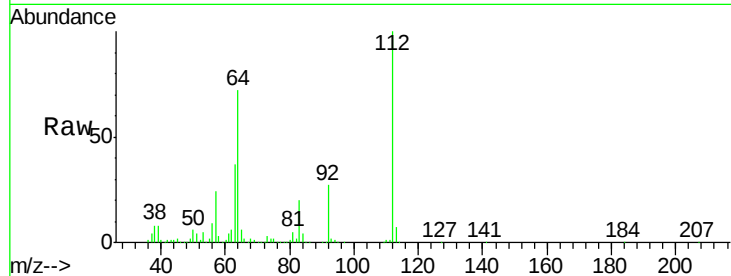
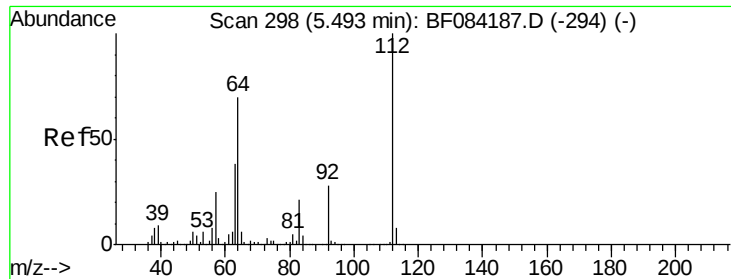
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 1/7/2016 12:08:04 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 15.78 ng  
 RT: 3.16 min Scan# 94  
 Delta R.T. -0.07 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 42      | 100   | 172387 |       |       |
| 74      | 117.8 | 115.7  | 173.5 |       |
| 44      | 7.5   | 5.1    | 7.7   |       |





#5

2-Fluorophenol

Concen: 66.48 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion: 112 Resp: 1070938

Ion Ratio Lower Upper

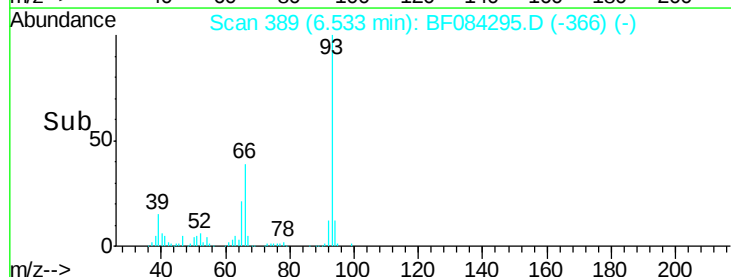
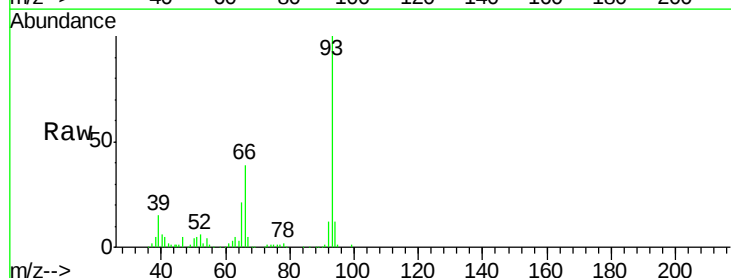
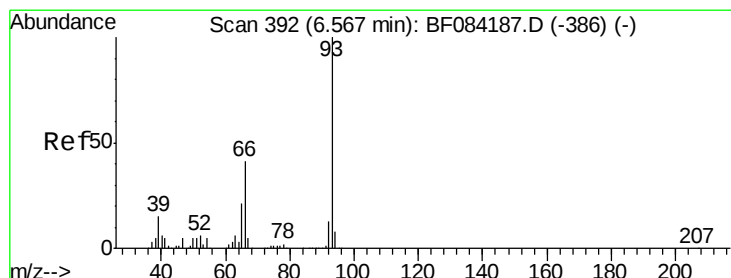
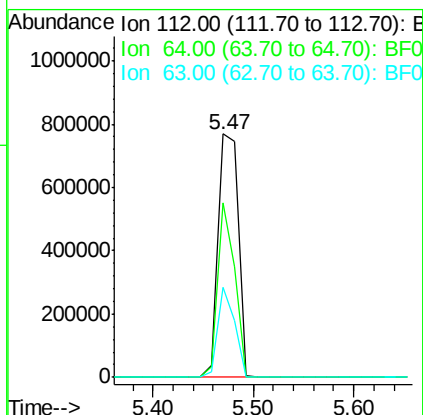
112 100

64 71.6 36.6 55.0#

63 36.8 19.4 29.0#

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#6

Aniline

Concen: 14.88 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

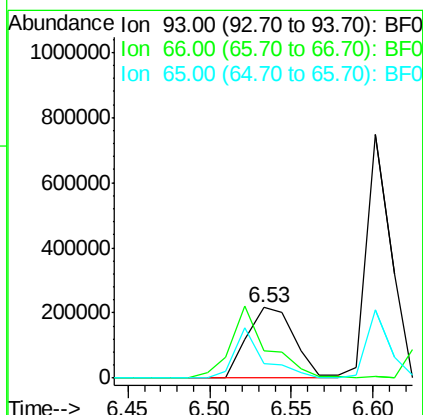
Tgt Ion: 93 Resp: 440474

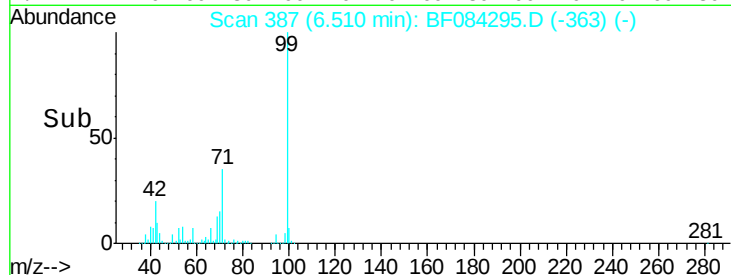
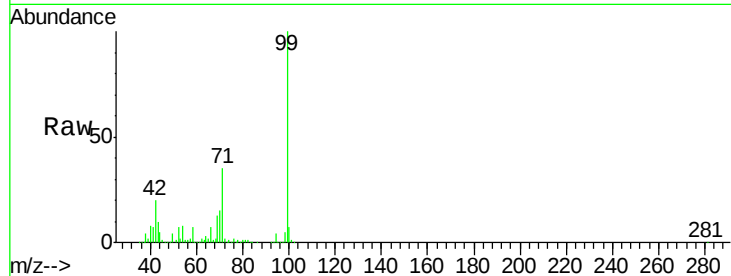
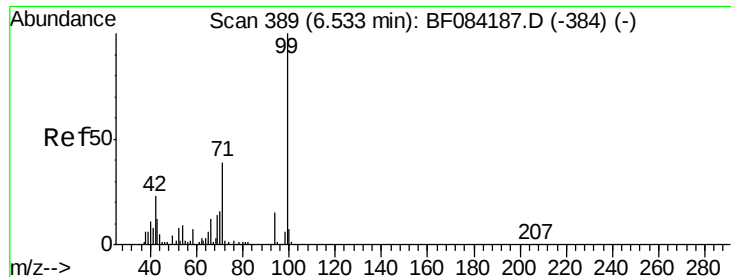
Ion Ratio Lower Upper

93 100

66 39.4 44.9 67.3#

65 21.4 23.7 35.5#





#7

Phenol-d6

Concen: 44.75 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 905486 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.0  | 12.8  | 19.2#  |
| 71        | 34.7  | 30.9  | 46.3   |

Instrument :

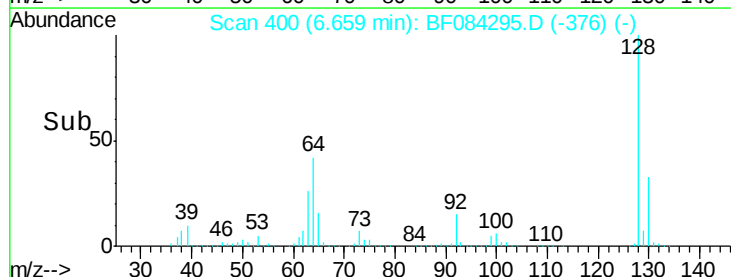
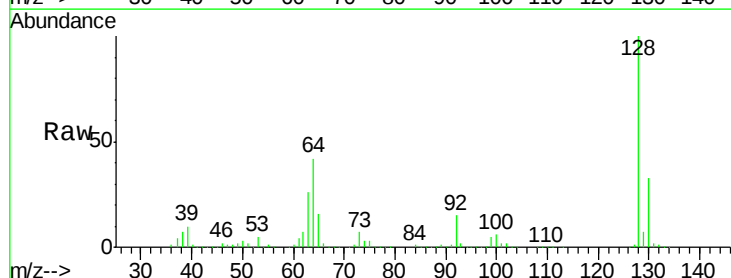
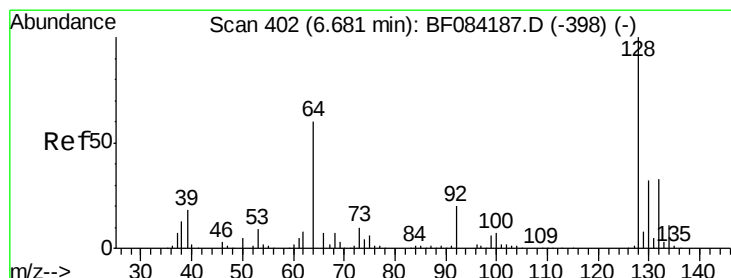
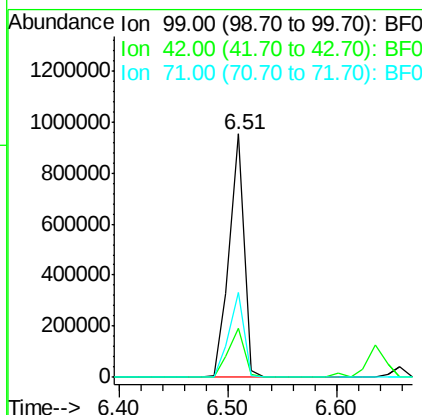
BNA\_F

ClientSampleId :

TEP-MW-43MSD

Manual Integrations  
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#8

2-Chlorophenol

Concen: 37.44 ng

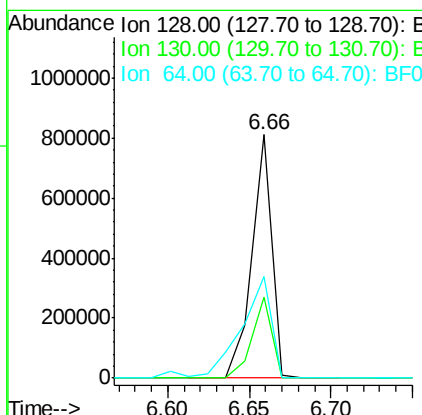
RT: 6.66 min Scan# 400

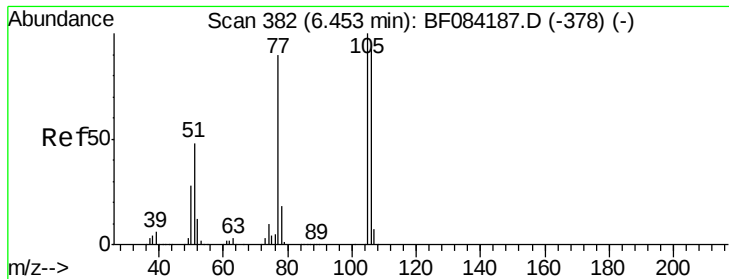
Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 684207 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.3  | 11.6  | 51.6   |
| 64        | 41.5  | 23.8  | 63.8   |





#9

Benzaldehyde

Concen: 20.23 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

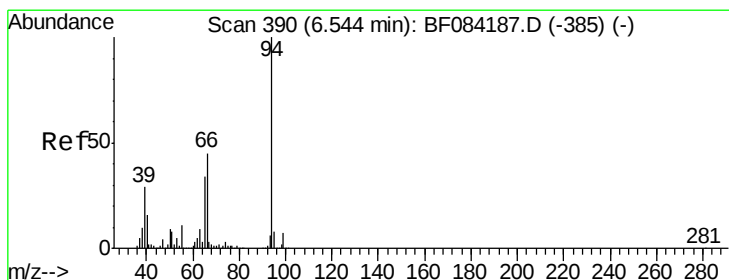
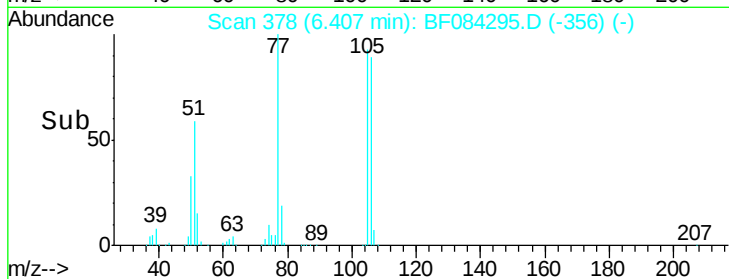
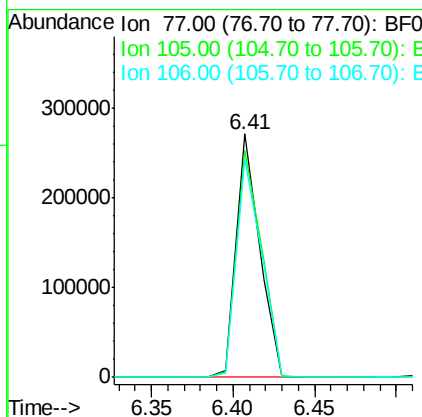
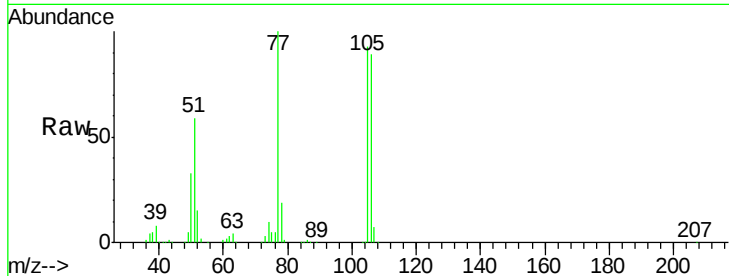
ClientSampleId :

TEP-MW-43MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 266493 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 93.4  | 83.0  | 123.0  |
| 106       | 89.5  | 74.6  | 114.6  |

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#10

Phenol

Concen: 16.02 ng

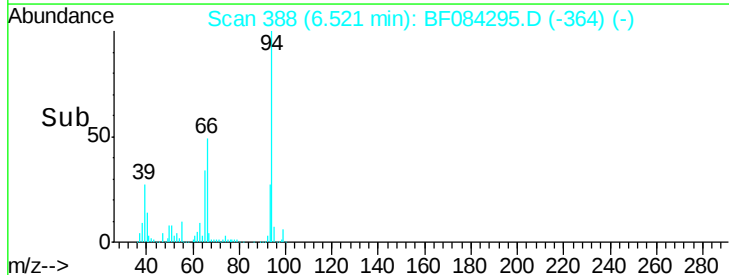
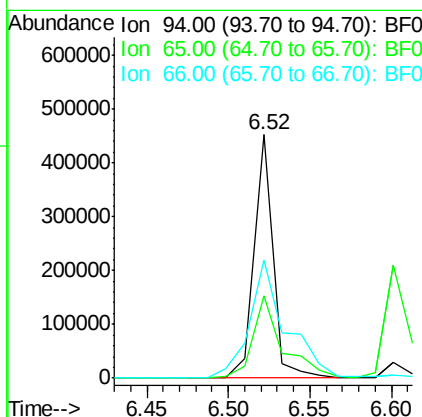
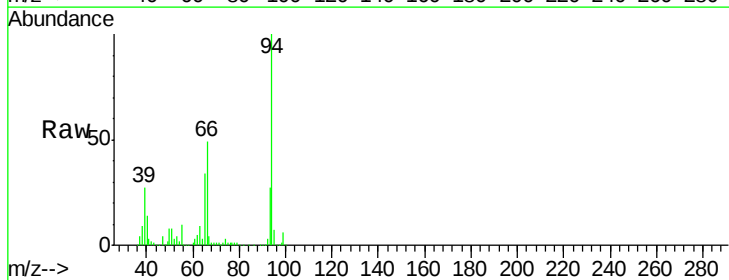
RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 368571 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.8  | 12.9  | 52.9   |
| 66        | 48.7  | 32.7  | 72.7   |





#11

bis(2-Chloroethyl)ether

Concen: 42.56 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

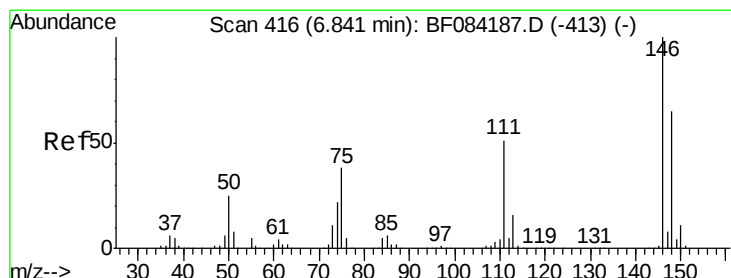
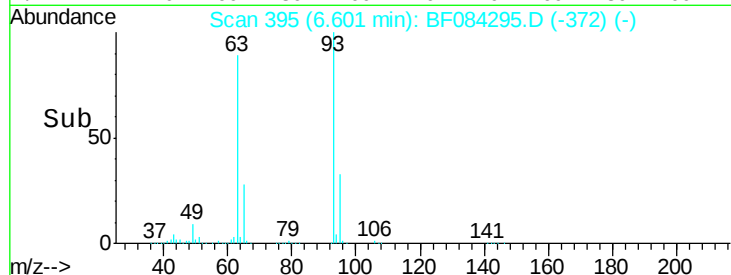
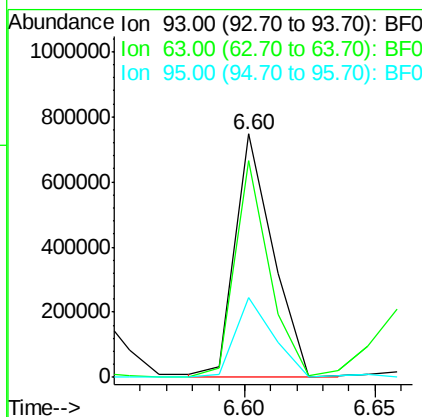
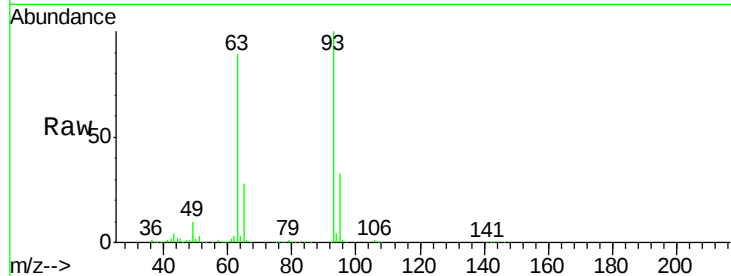
ClientSampleId :

TEP-MW-43MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 758332 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 88.9  | 45.9  | 85.9#  |
| 95        | 32.9  | 12.3  | 52.3   |

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#12

1,3-Dichlorobenzene

Concen: 39.64 ng m

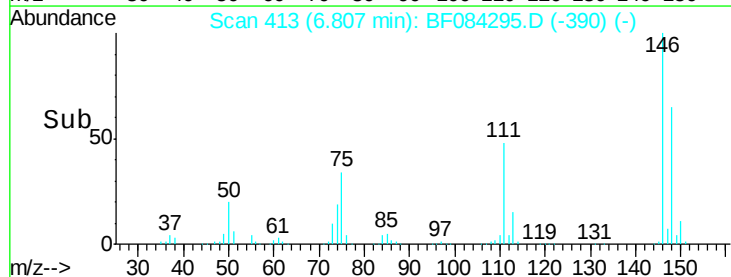
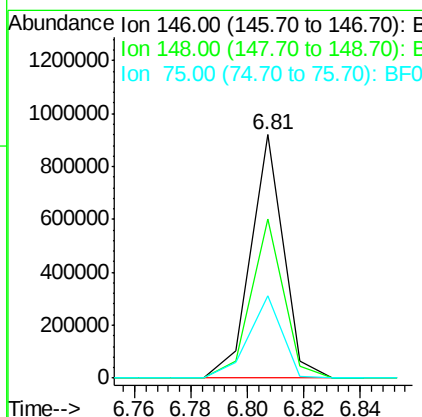
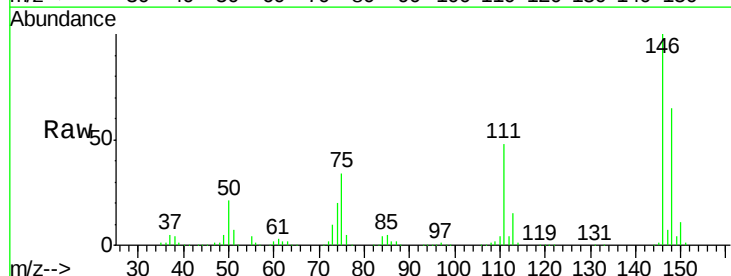
RT: 6.81 min Scan# 413

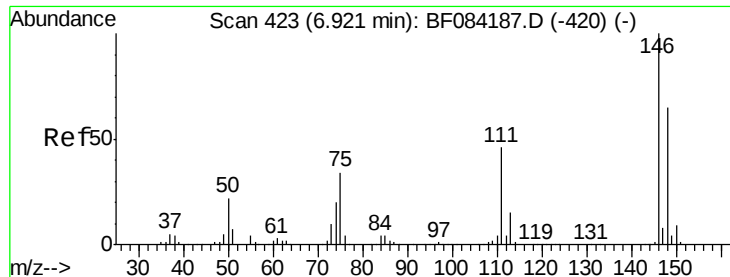
Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 747424 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.5  | 51.9  | 77.9   |
| 75        | 33.9  | 20.5  | 30.7#  |





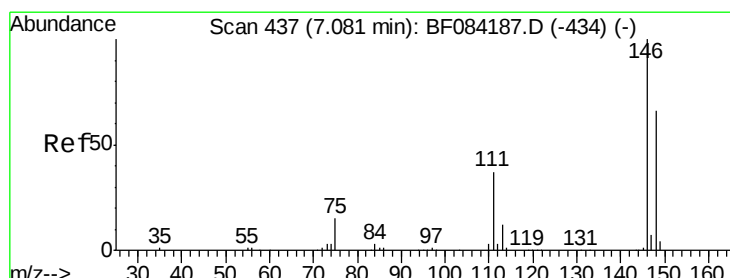
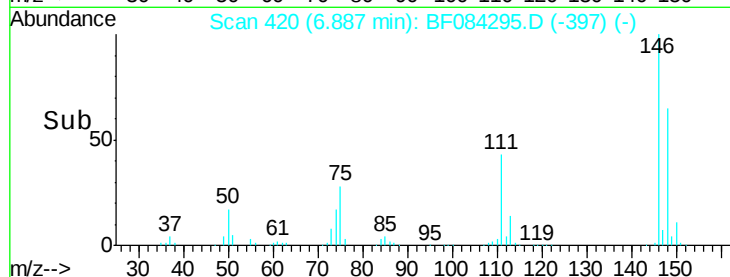
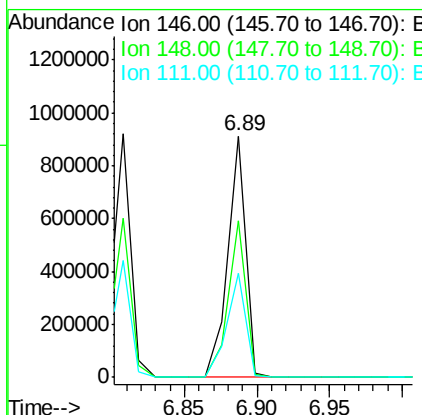
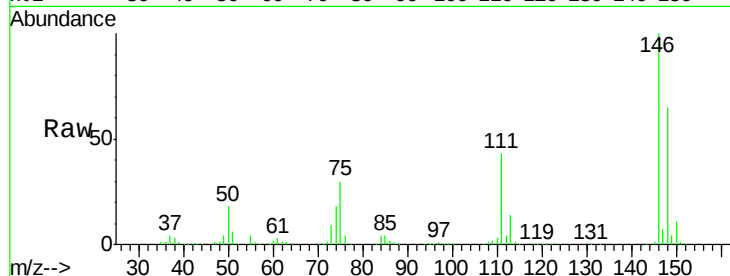
#13  
 1,4-Dichlorobenzene  
 Concen: 41.25 ng  
 RT: 6.89 min Scan# 420  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 51.9  | 77.9  |
| 111     | 43.2  | 41.6  | 62.4  |

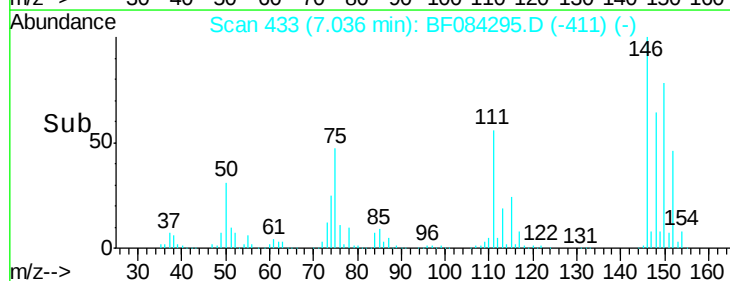
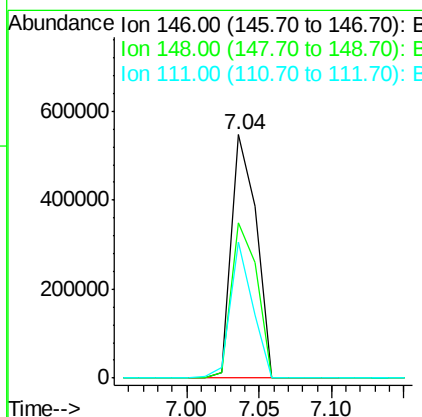
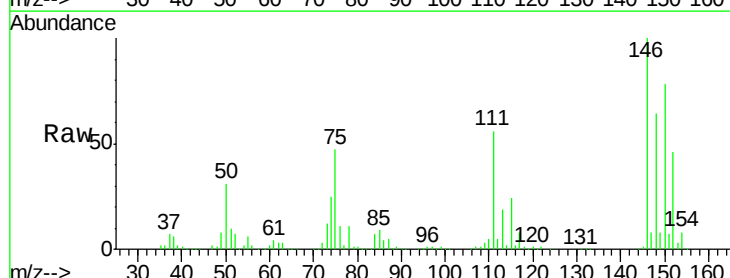
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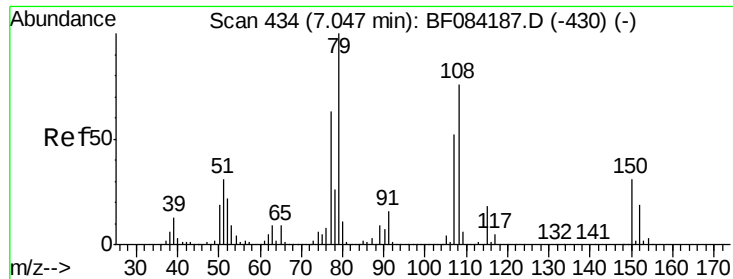
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#14  
 1,2-Dichlorobenzene  
 Concen: 35.94 ng  
 RT: 7.04 min Scan# 433  
 Delta R.T. -0.05 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.6  | 77.4  |
| 111     | 55.9  | 38.0  | 57.0  |





#15

Benzyl Alcohol

Concen: 26.91 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

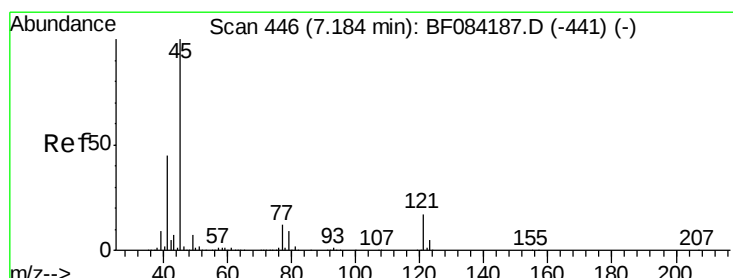
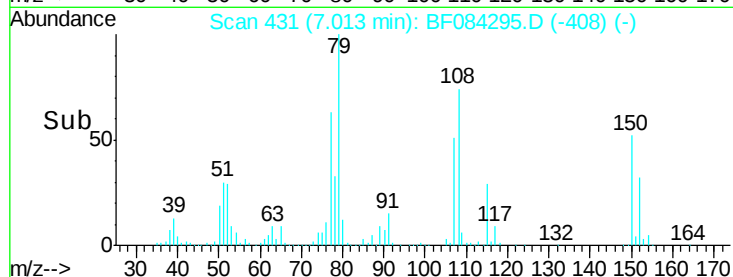
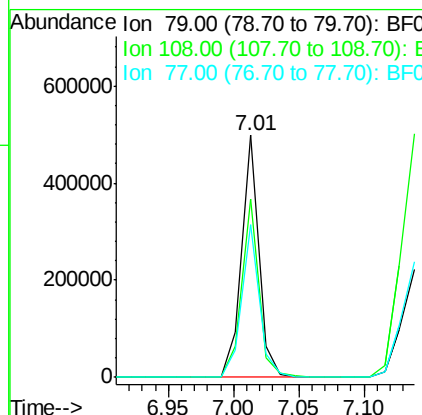
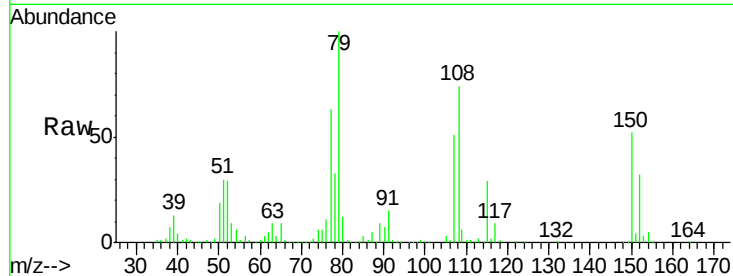
ClientSampleId :

TEP-MW-43MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 458020 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 73.9  | 69.0  | 103.4  |
| 77        | 63.3  | 50.0  | 75.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.28 ng

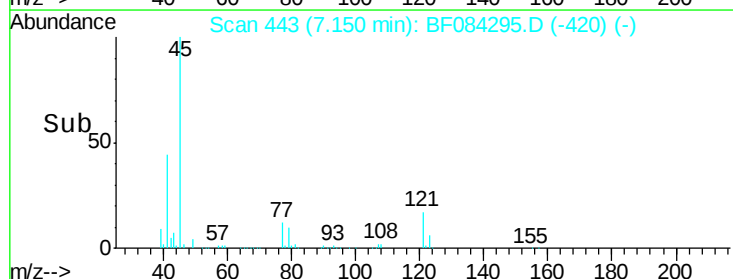
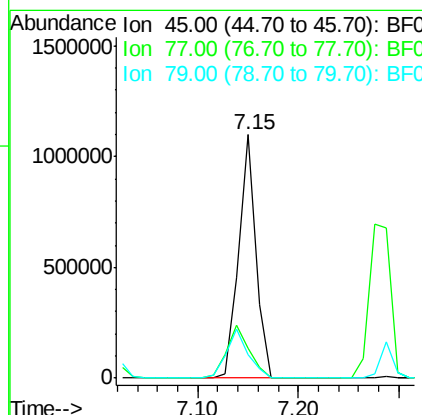
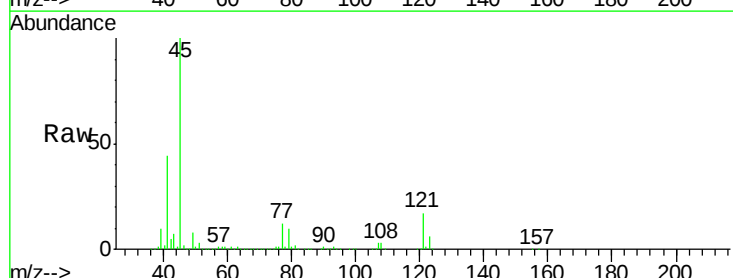
RT: 7.15 min Scan# 443

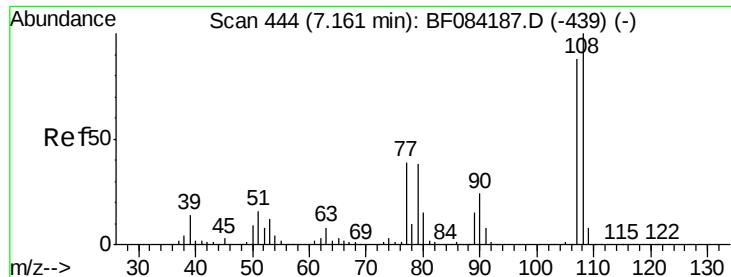
Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1307073 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 12.4  | 0.0   | 39.6    |
| 79        | 9.8   | 0.0   | 35.0    |





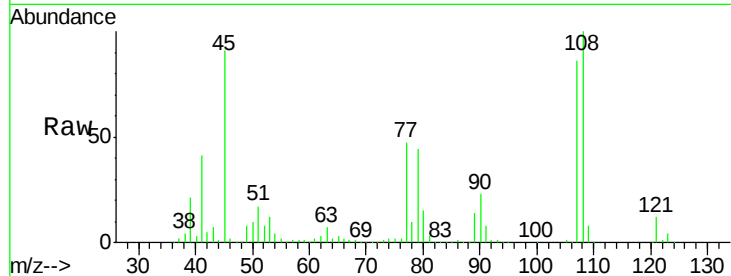
#17  
2-Methylphenol  
Concen: 30.72 ng  
RT: 7.14 min Scan# 442  
Delta R.T. -0.02 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 116.0 | 89.8 | 134.6 |       |
| 77      | 55.0  | 35.7 | 53.5  |       |
| 79      | 51.4  | 35.7 | 53.5  |       |

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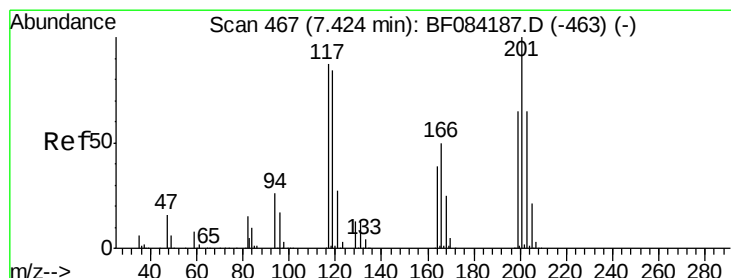
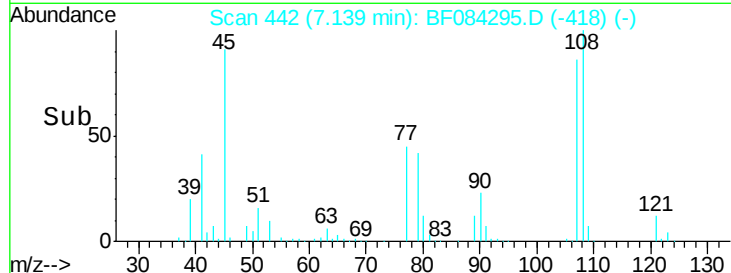
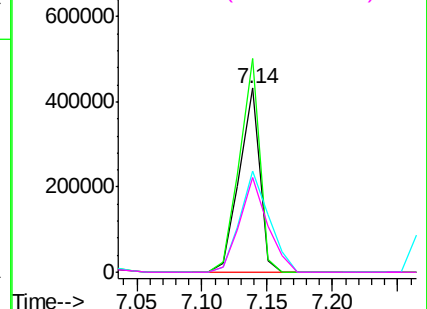
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

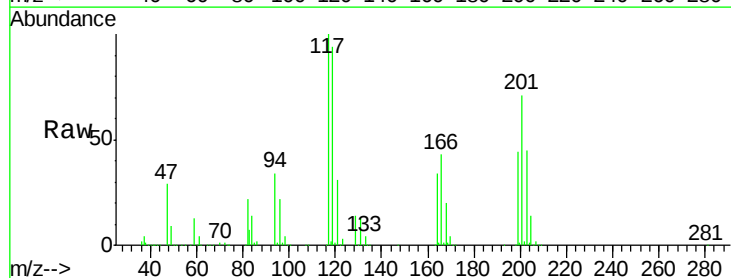
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 37.53 ng  
RT: 7.38 min Scan# 463  
Delta R.T. -0.05 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.2  | 77.4 | 116.0 |       |
| 201     | 71.1  | 68.6 | 103.0 |       |

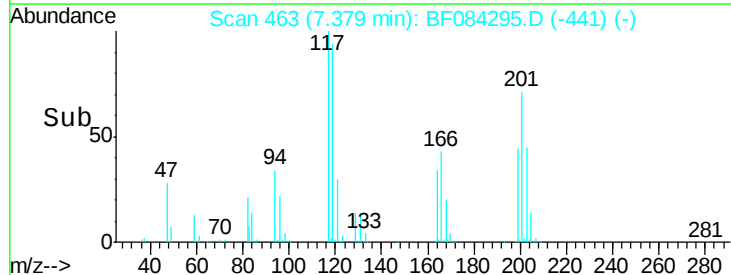
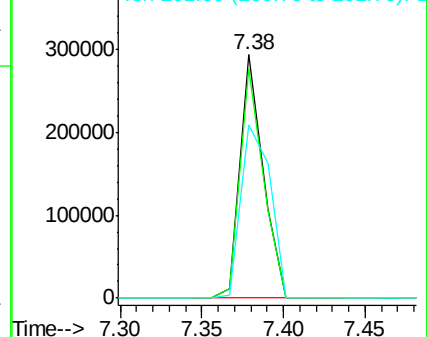


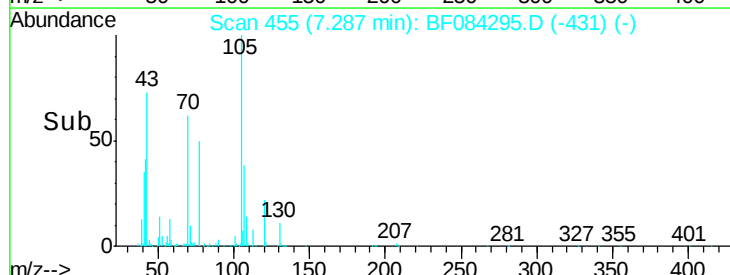
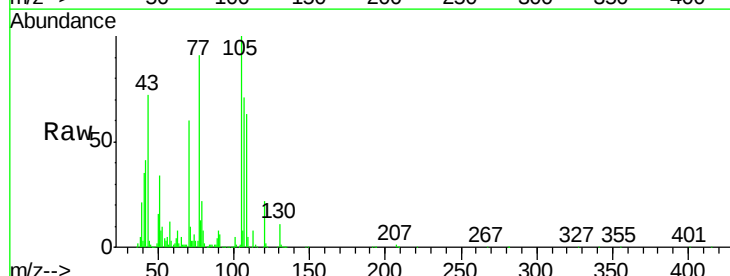
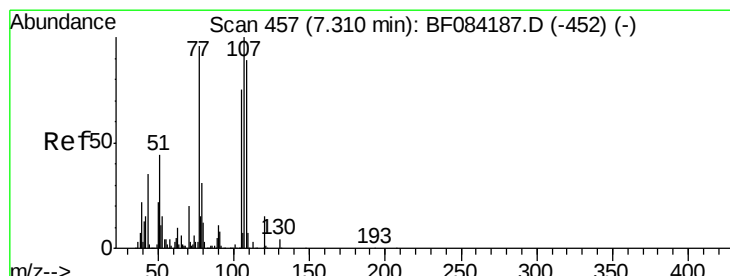
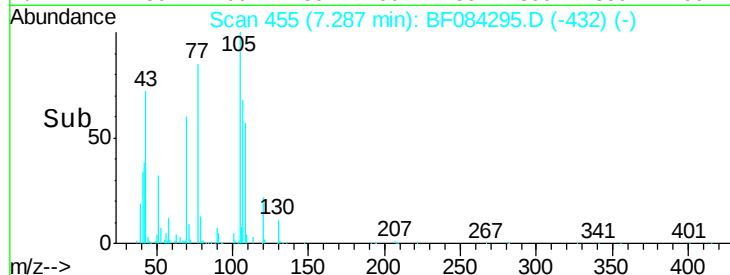
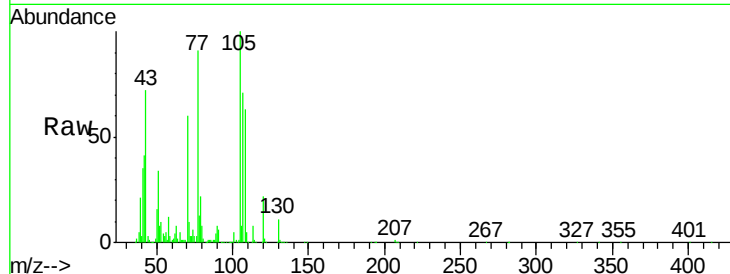
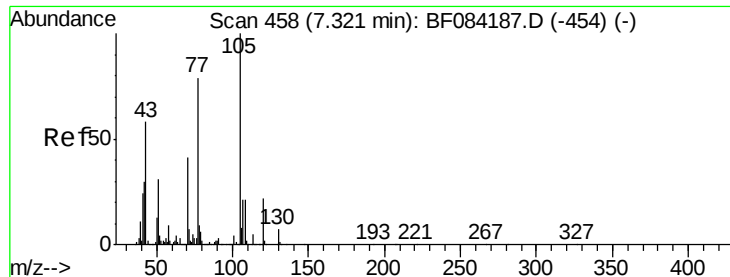
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





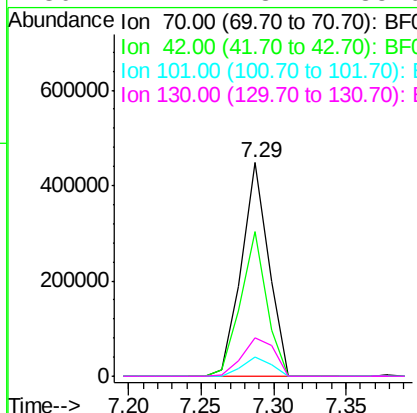
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.50 ng  
RT: 7.29 min Scan# 455  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 68.0  | 33.3  | 49.9# |
| 101     | 9.1   | 9.3   | 13.9# |
| 130     | 17.7  | 23.4  | 35.0# |

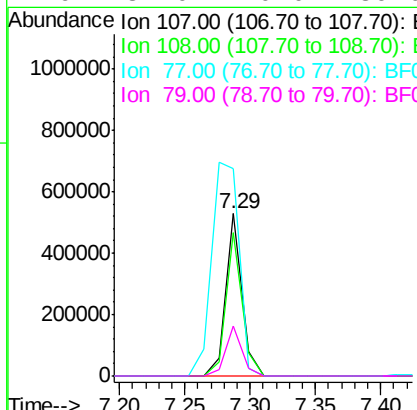
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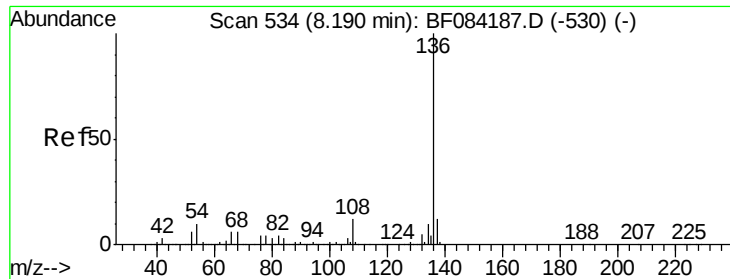
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#20  
3+4-Methylphenols  
Concen: 25.53 ng  
RT: 7.29 min Scan# 455  
Delta R.T. -0.02 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.2  | 74.6  | 114.6 |
| 77      | 128.2 | 0.7   | 40.7# |
| 79      | 31.0  | 0.0   | 39.0  |





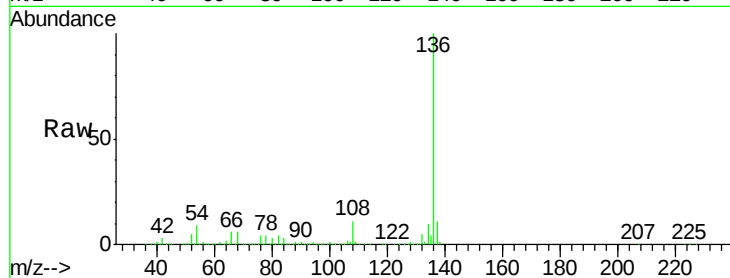
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.16 min Scan# 531  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

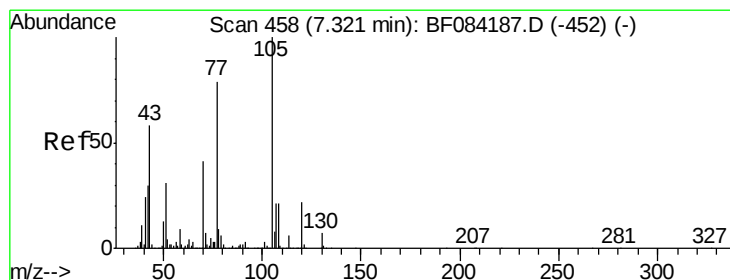
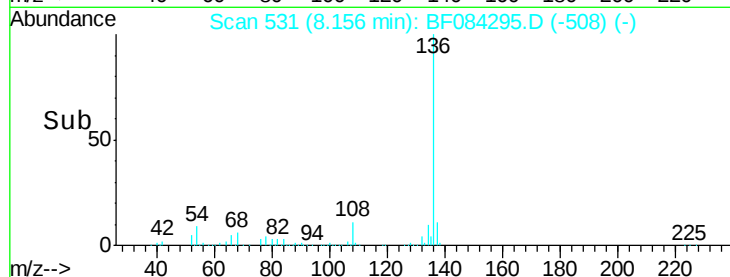
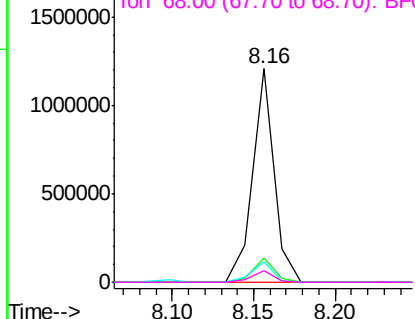
| Tot Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 136     | 100  |       | 1103104 |       |       |
| 137     | 11.2 | 8.7   | 13.1    |       |       |
| 54      | 9.5  | 5.8   | 8.8     |       |       |
| 68      | 5.5  | 4.2   | 6.2     |       |       |

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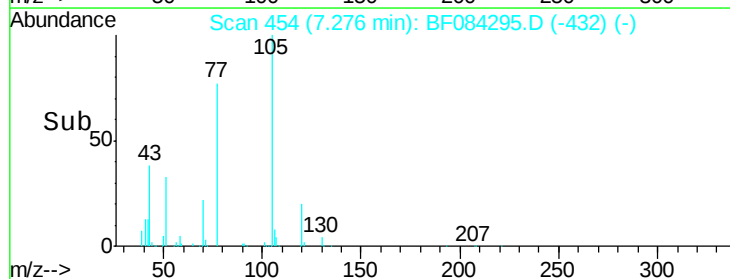
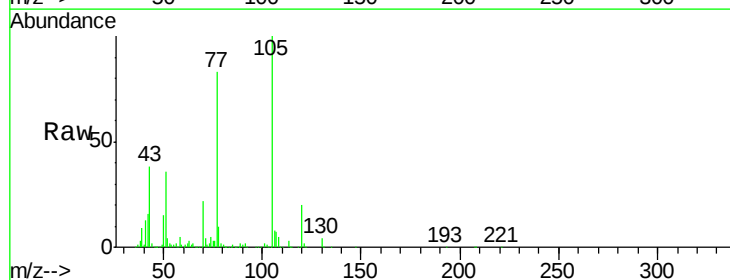
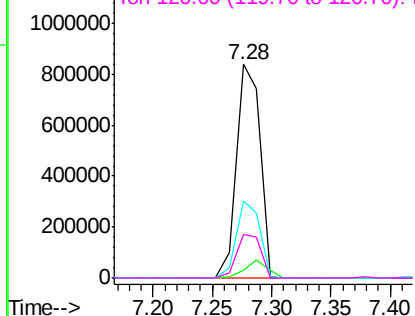
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

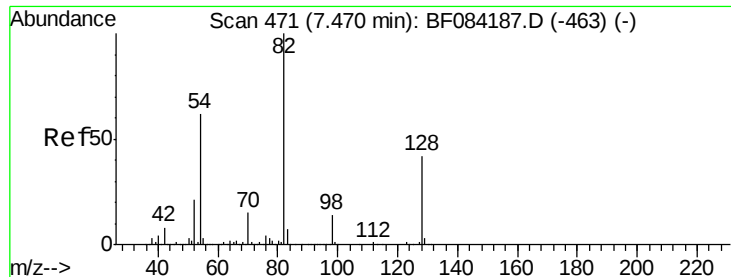


#22  
Acetophenone  
Concen: 43.74 ng  
RT: 7.28 min Scan# 454  
Delta R.T. -0.05 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 105     | 100  |       | 1160339 |       |       |
| 71      | 3.7  | 3.7   | 5.5     |       |       |
| 51      | 35.7 | 25.1  | 37.7    |       |       |
| 120     | 20.3 | 16.6  | 25.0    |       |       |

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





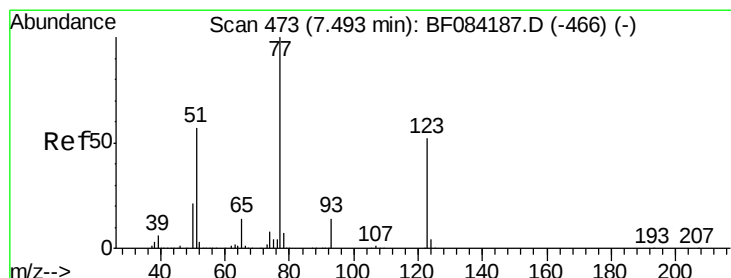
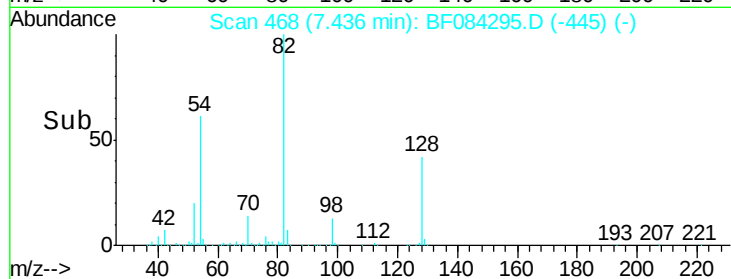
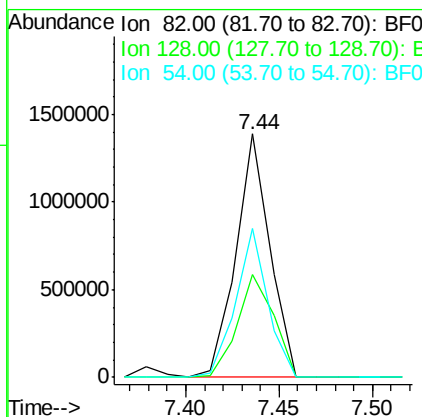
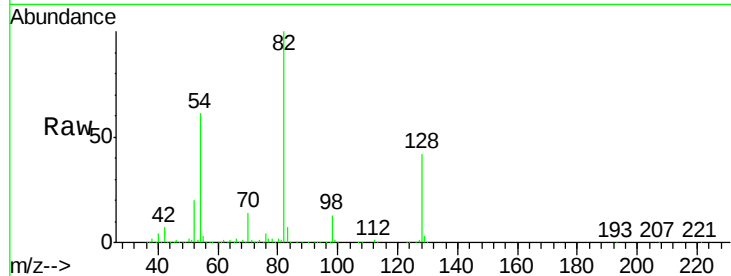
#23  
 Nitrobenzene-d5  
 Concen: 88.36 ng  
 RT: 7.44 min Scan# 468  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

| Tot Ion   | 82   | Resp  | 1751364 |
|-----------|------|-------|---------|
| Ion Ratio | 100  | Lower | Upper   |
| 128       | 42.4 | 34.6  | 51.8    |
| 54        | 61.2 | 38.4  | 57.6    |

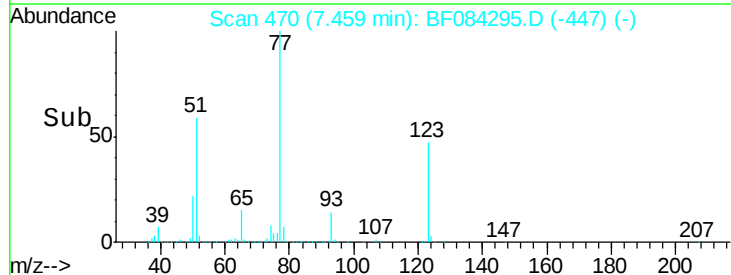
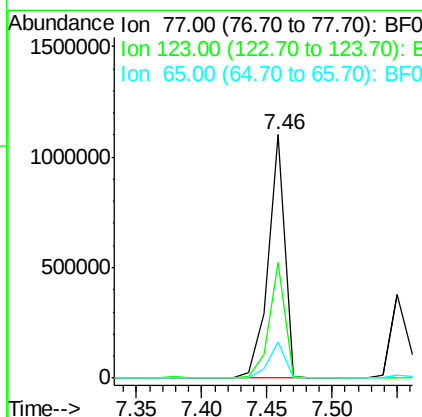
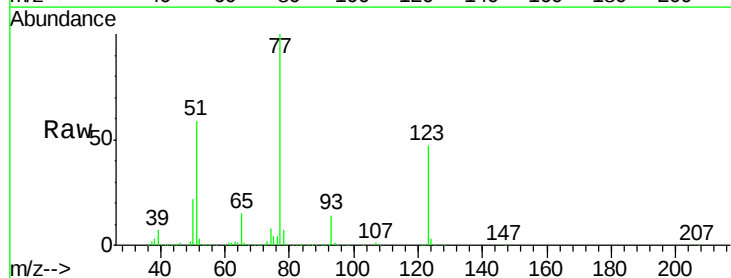
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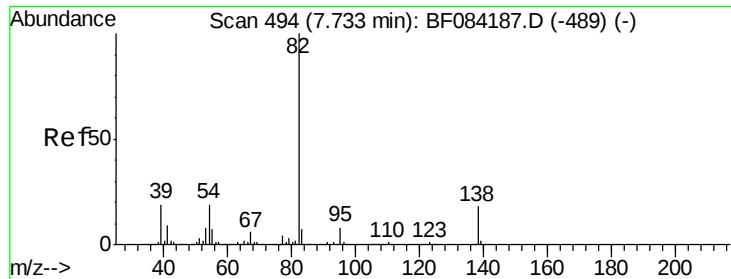
umangi  
 1/7/2016 12:08:04 PM



#24  
 Nitrobenzene  
 Concen: 48.86 ng  
 RT: 7.46 min Scan# 470  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion   | 77   | Resp  | 982155 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 47.4 | 37.4  | 56.2   |
| 65        | 14.8 | 10.9  | 16.3   |





#25

Isophorone

Concen: 44.35 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion: 82 Resp: 1681046

Ion Ratio Lower Upper

82 100

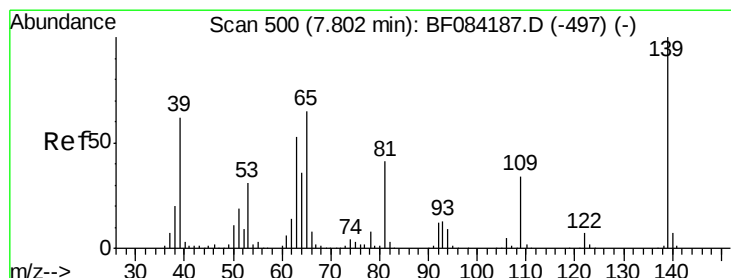
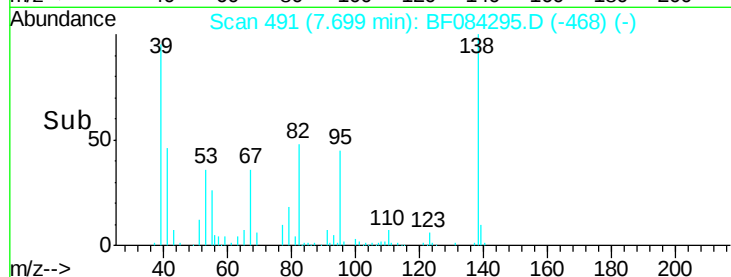
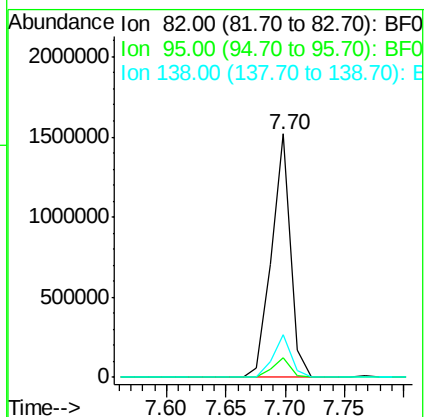
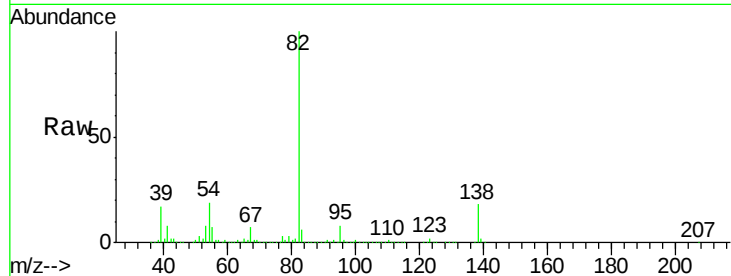
95 7.9 6.6 10.0

138 17.8 13.6 20.4

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#26

2-Nitrophenol

Concen: 44.69 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

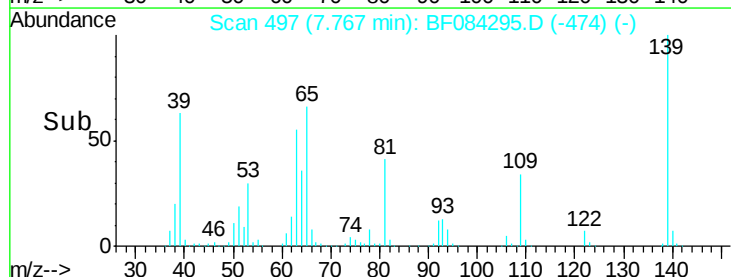
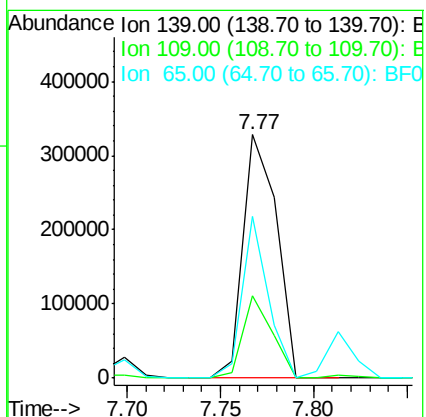
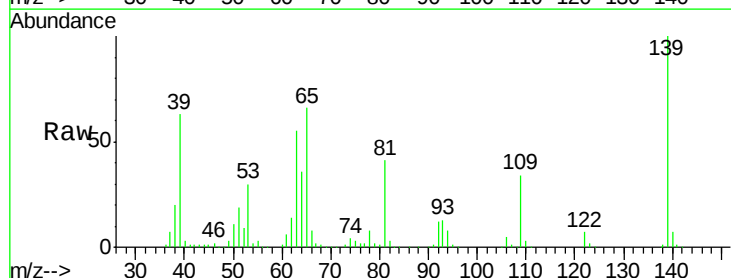
Tgt Ion: 139 Resp: 408907

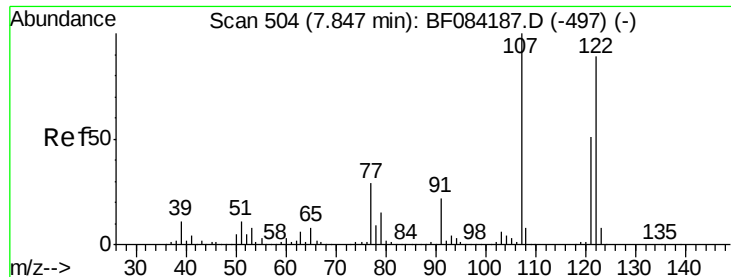
Ion Ratio Lower Upper

139 100

109 33.8 25.4 38.2

65 66.5 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 35.44 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

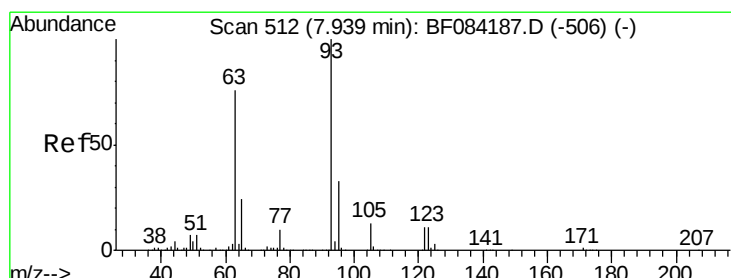
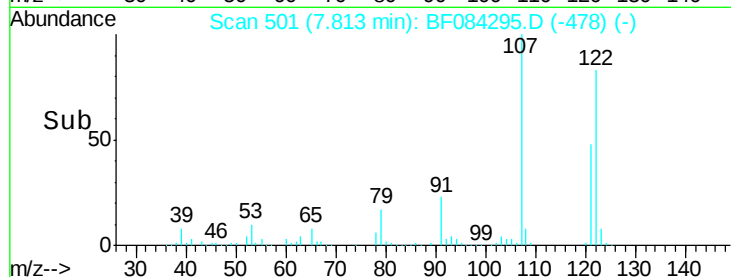
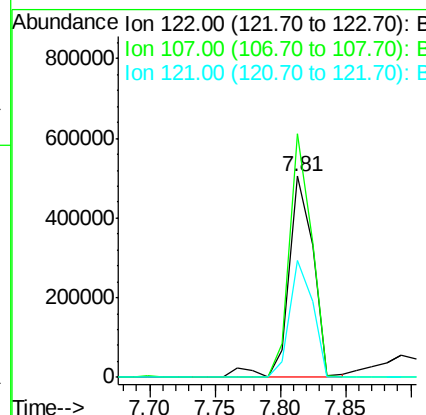
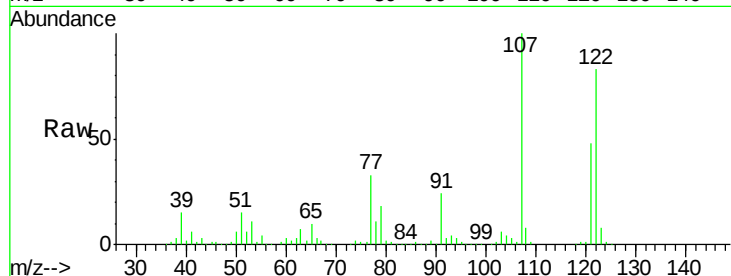
ClientSampleId :

TEP-MW-43MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 656263 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 120.9 | 99.1  | 148.7  |
| 121       | 58.1  | 47.9  | 71.9   |

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#28

bis(2-Chloroethoxy)methane

Concen: 45.19 ng

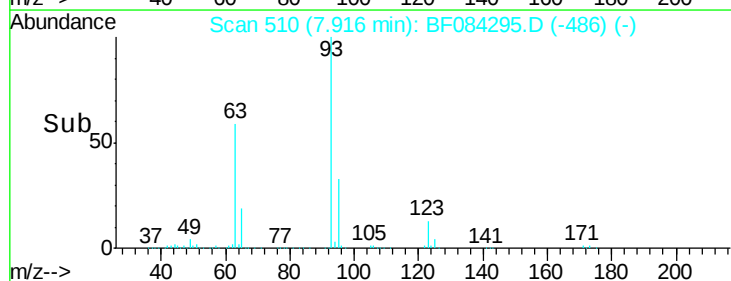
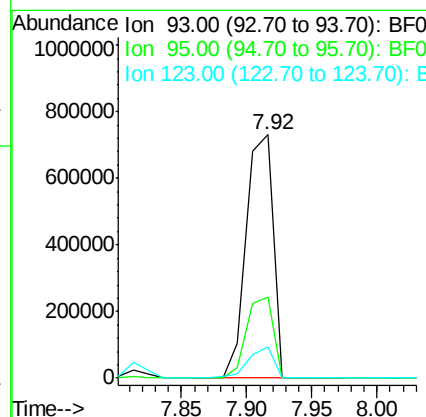
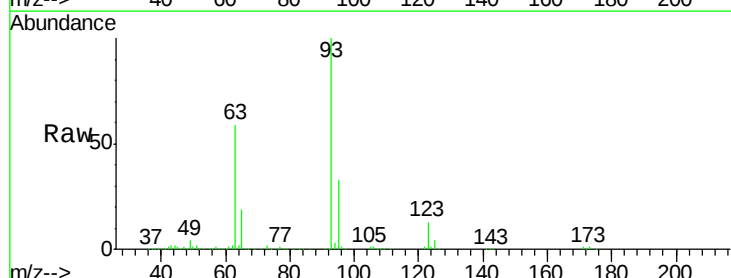
RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 93    | Resp: | 1046261 |
| Ion Ratio | Lower | Upper |         |
| 93        | 100   |       |         |
| 95        | 33.4  | 25.8  | 38.6    |
| 123       | 12.6  | 8.6   | 12.8    |





#29

2,4-Dichlorophenol

Concen: 42.06 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

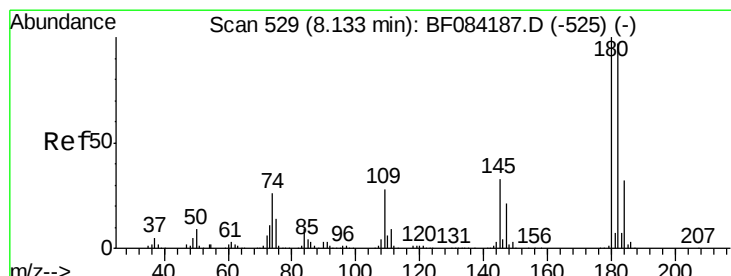
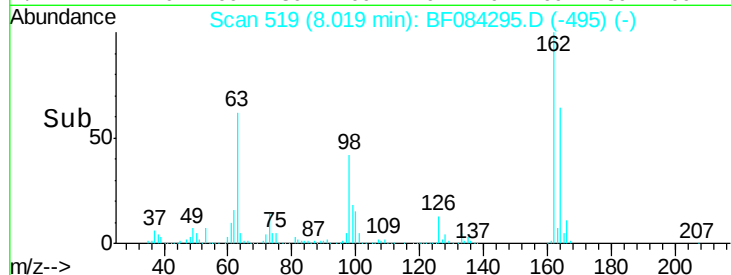
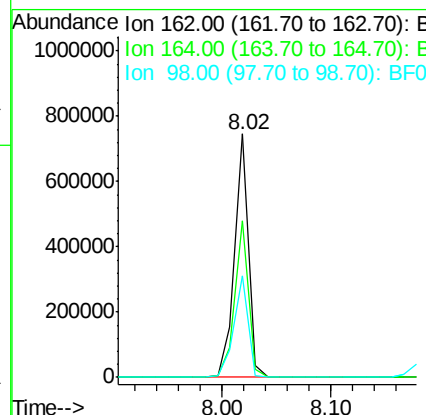
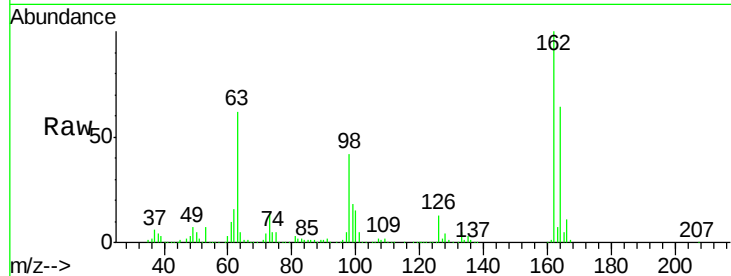
ClientSampleId :

TEP-MW-43MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 648887 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.4  | 44.1  | 84.1   |
| 98        | 41.8  | 20.2  | 60.2   |

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#30

1,2,4-Trichlorobenzene

Concen: 44.16 ng

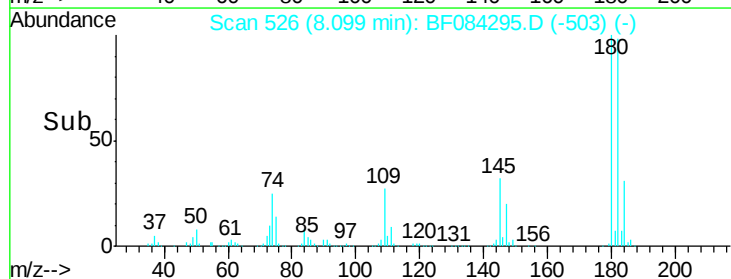
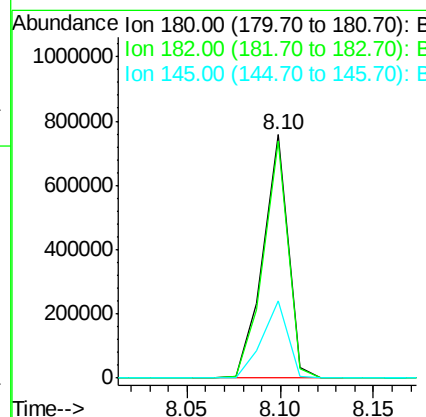
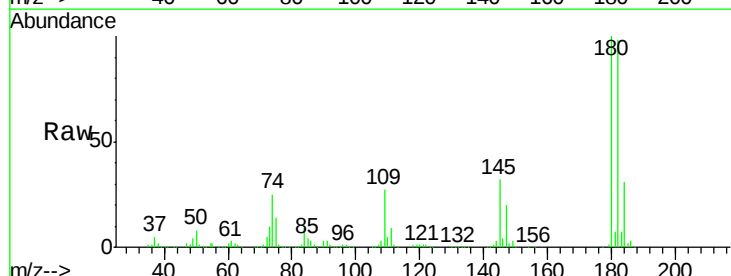
RT: 8.10 min Scan# 526

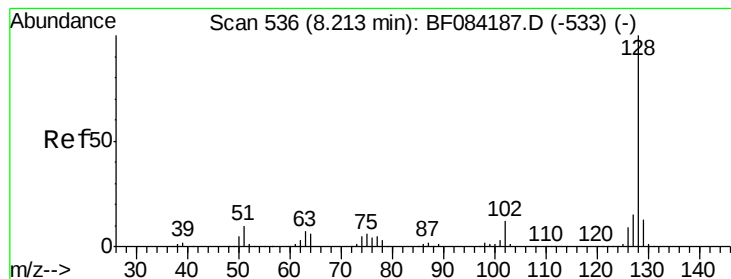
Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 703283 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.7  | 76.4  | 114.6  |
| 145       | 31.6  | 31.6  | 47.4#  |





#31

Naphthalene

Concen: 42.72 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:128 Resp: 2137860

Ion Ratio Lower Upper

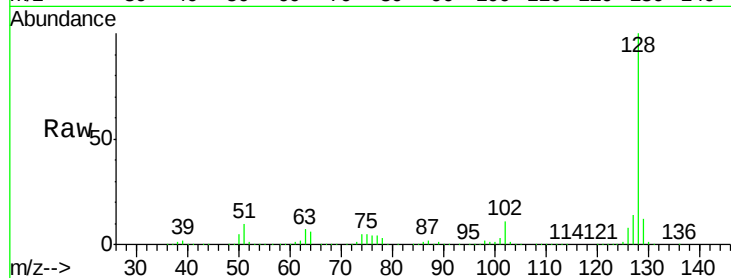
128 100

129 12.4 9.1 13.7

127 14.3 11.1 16.7

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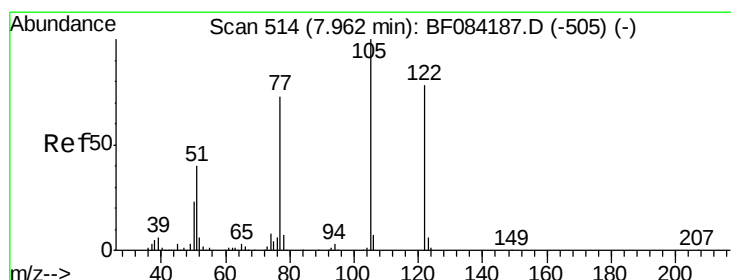
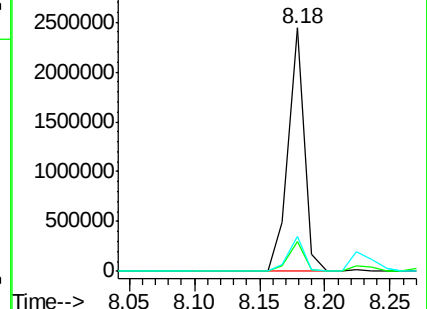
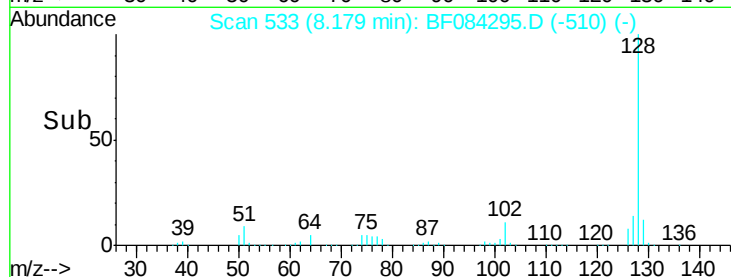
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.35 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

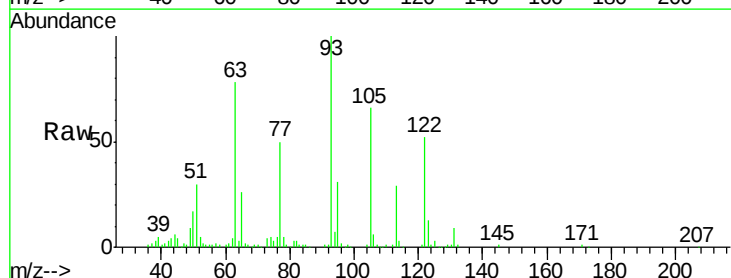
Tgt Ion:122 Resp: 138306

Ion Ratio Lower Upper

122 100

105 125.7 100.3 140.3

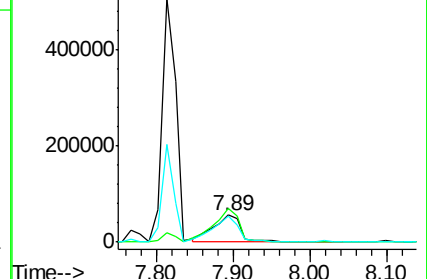
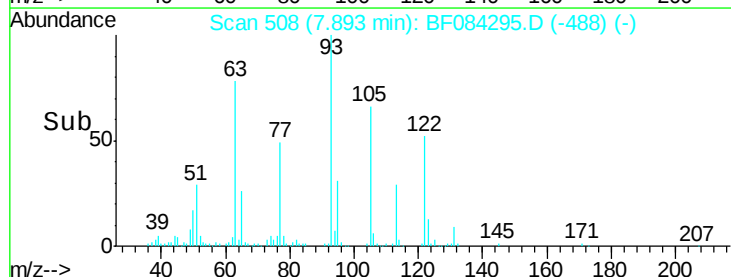
77 94.9 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





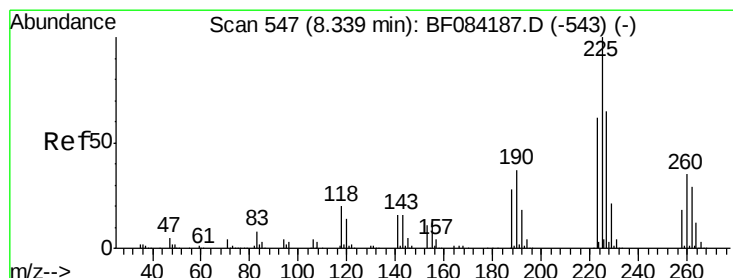
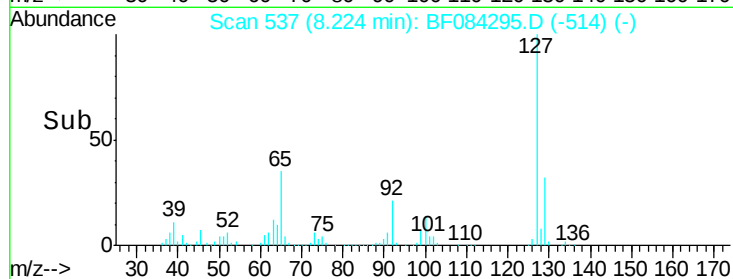
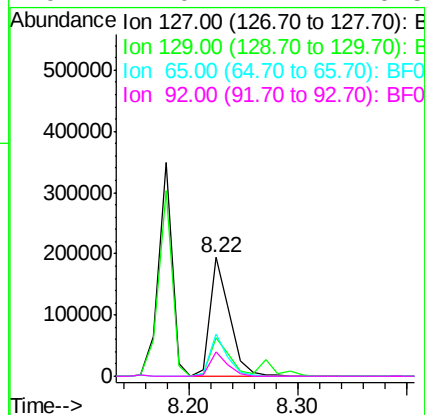
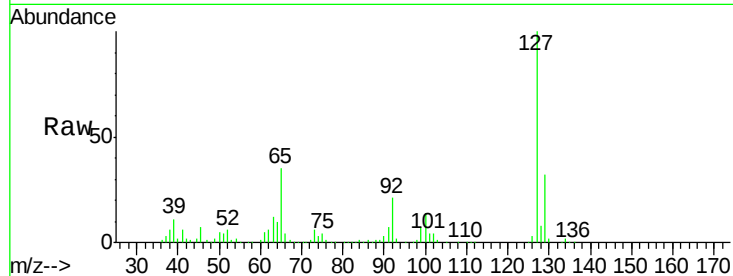
#33  
4-Chloroaniline  
Concen: 10.58 ng  
RT: 8.22 min Scan# 537  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.8 | 26.5  | 39.7 |       |       |
| 65      | 35.4 | 27.2  | 40.8 |       |       |
| 92      | 21.0 | 17.7  | 26.5 |       |       |

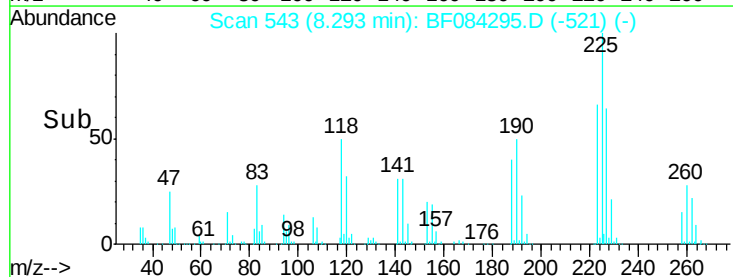
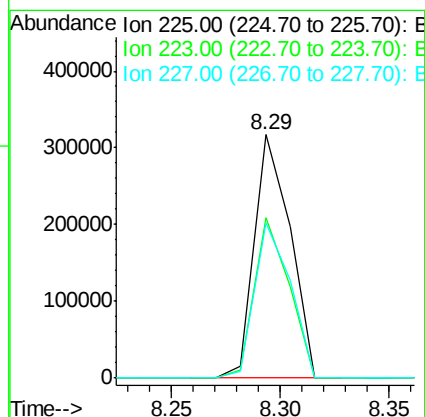
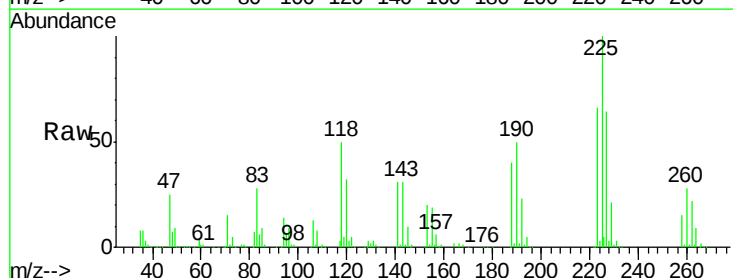
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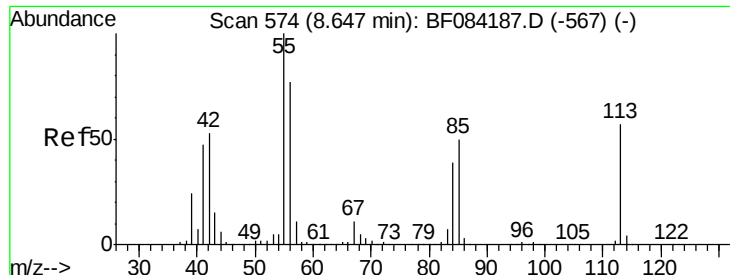
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#34  
Hexachlorobutadiene  
Concen: 39.72 ng  
RT: 8.29 min Scan# 543  
Delta R.T. -0.05 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 66.1 | 49.4  | 74.0 |       |       |
| 227     | 63.8 | 50.8  | 76.2 |       |       |





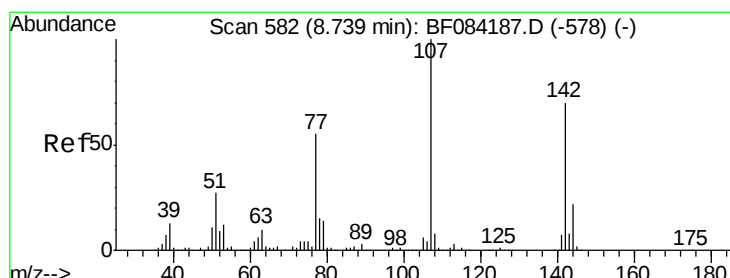
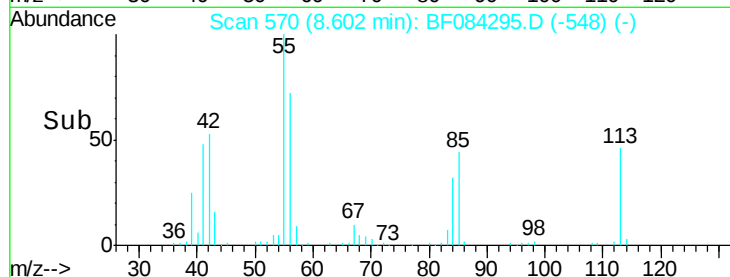
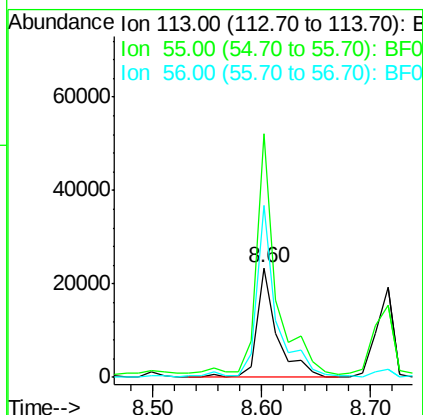
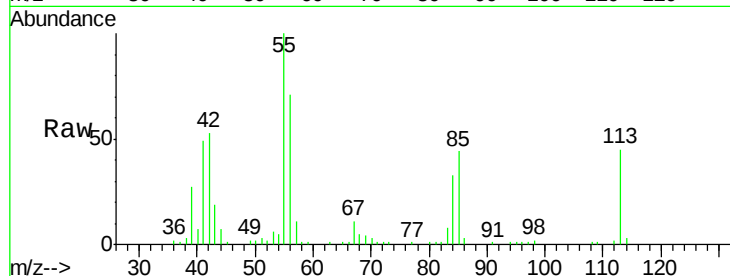
#35  
Caprolactam  
Concen: 5.80 ng  
RT: 8.60 min Scan# 570  
Delta R.T. -0.05 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 222.0 | 116.9 | 156.9# |
| 56      | 156.9 | 93.8  | 133.8# |

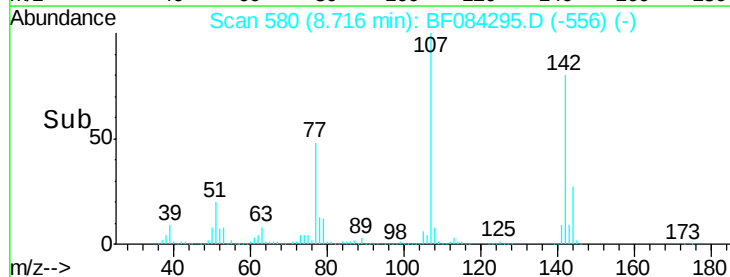
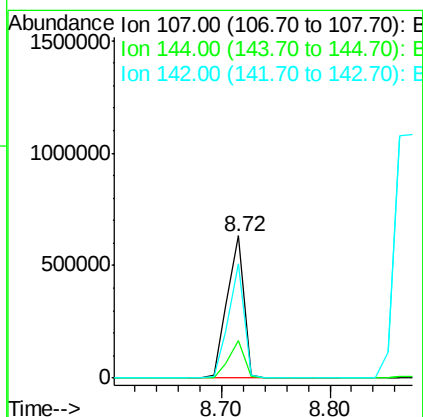
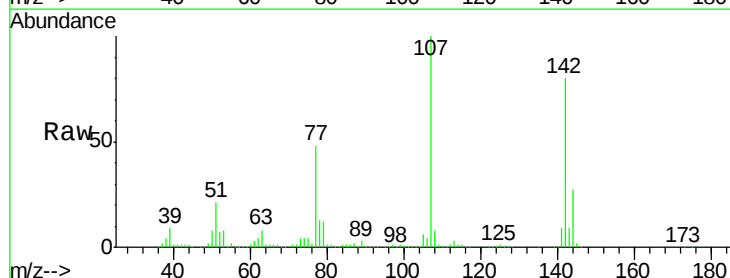
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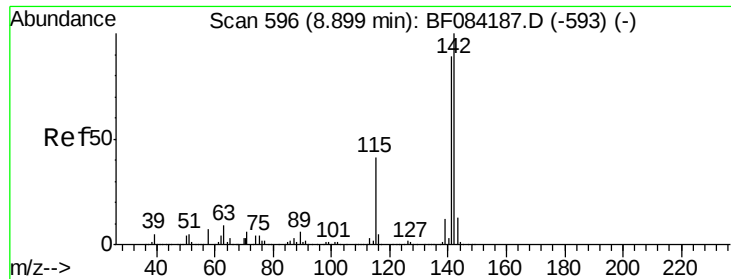
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#36  
4-Chloro-3-methylphenol  
Concen: 39.21 ng  
RT: 8.72 min Scan# 580  
Delta R.T. -0.02 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.7  | 19.7  | 29.5  |
| 142     | 80.3  | 61.8  | 92.6  |





#37

2-Methylnaphthalene

Concen: 43.44 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:142 Resp: 1560702

Ion Ratio Lower Upper

142 100

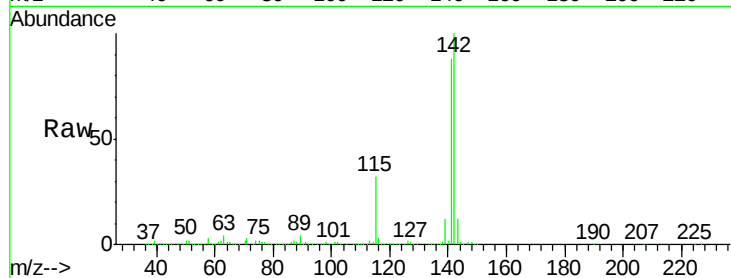
141 87.6 72.4 108.6

115 32.4 27.9 41.9

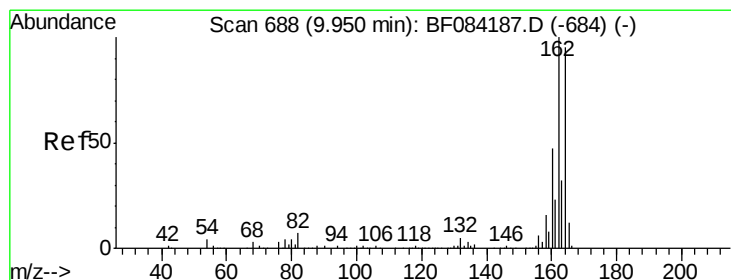
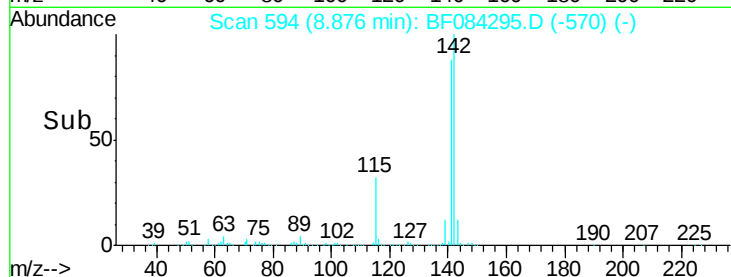
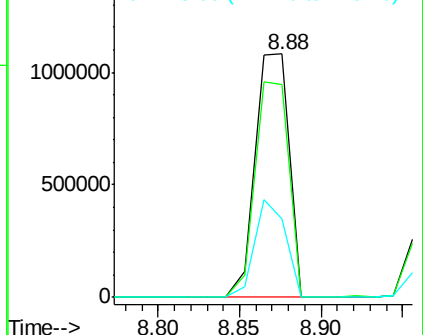
Manual Integrations  
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Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

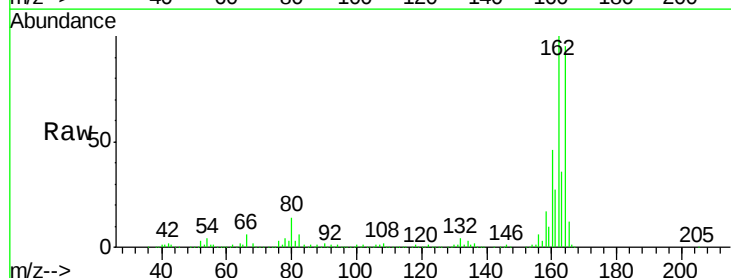
Tgt Ion:164 Resp: 516527

Ion Ratio Lower Upper

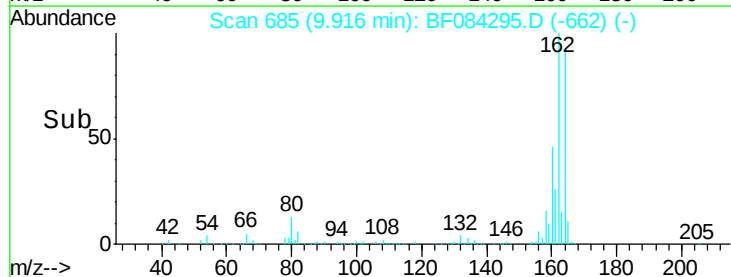
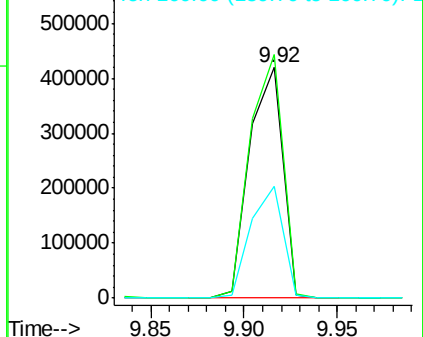
164 100

162 105.8 85.1 127.7

160 48.8 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.93 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084295.D

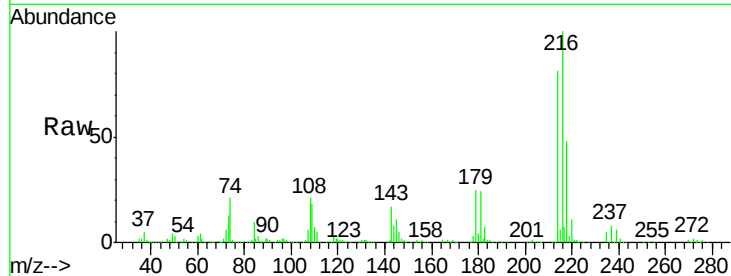
Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

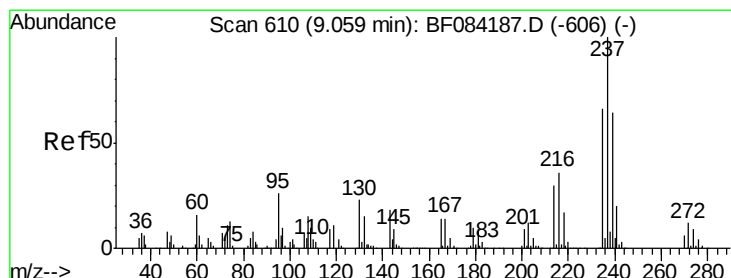
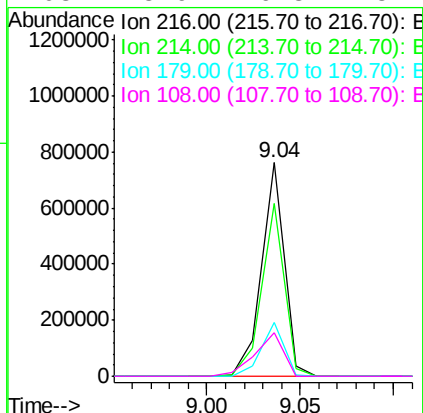
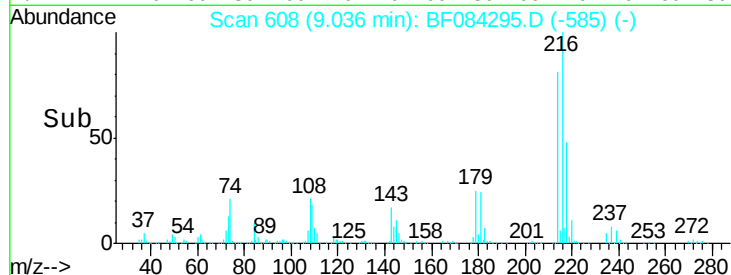
TEP-MW-43MSD



| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 216     | 100  |       |      |       |       |
| 214     | 80.8 | 64.2  | 96.2 |       |       |
| 179     | 25.0 | 18.7  | 28.1 |       |       |
| 108     | 25.9 | 16.8  | 25.2 |       |       |

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#40

Hexachlorocyclopentadiene

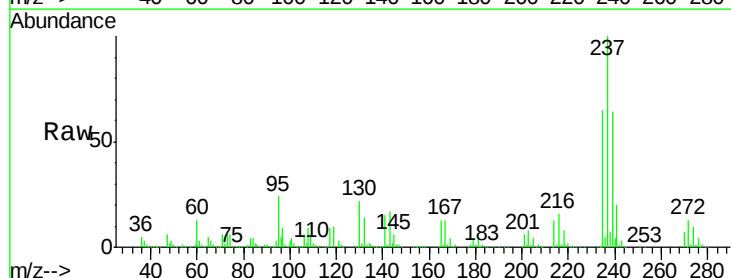
Concen: 79.12 ng

RT: 9.02 min Scan# 607

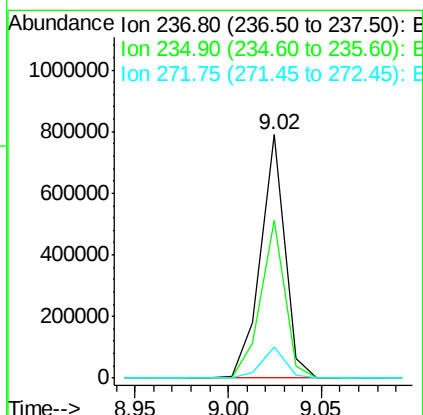
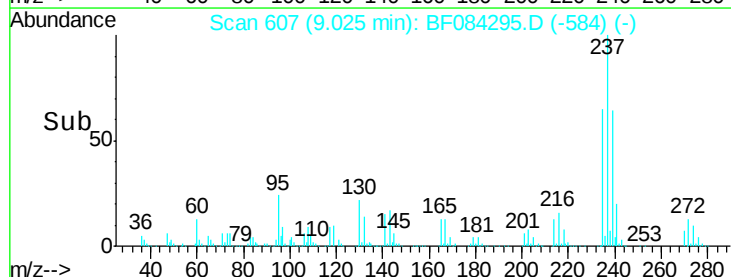
Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52



| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 64.9 | 43.1  | 83.1 |       |       |
| 272     | 12.7 | 0.0   | 35.1 |       |       |





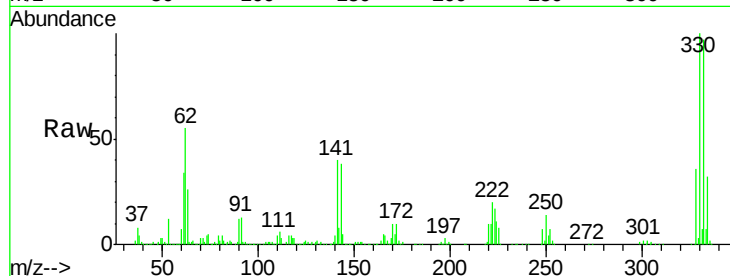
#41  
 2,4,6-Tribromophenol  
 Concen: 121.84 ng  
 RT: 10.70 min Scan# 754  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

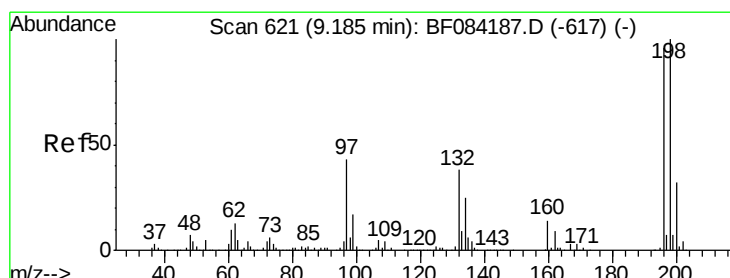
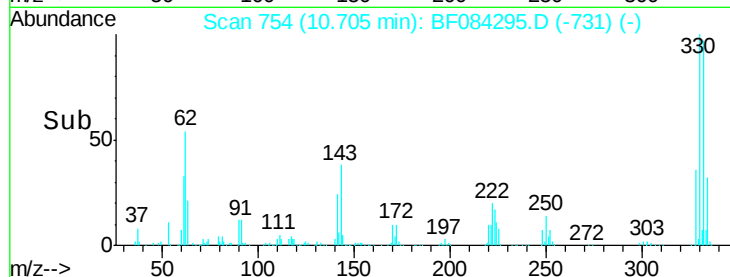
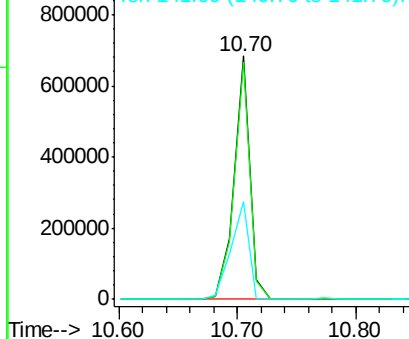
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.2  | 76.6 | 114.8 |       |
| 141     | 45.2  | 27.8 | 41.6  |       |

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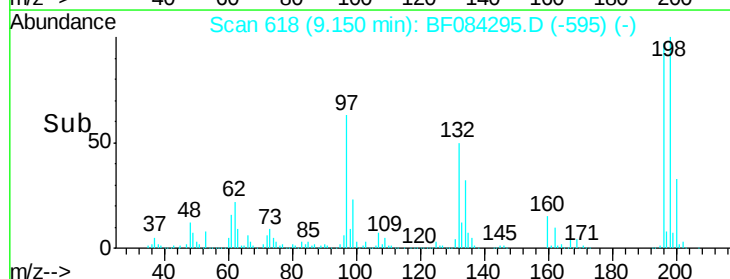
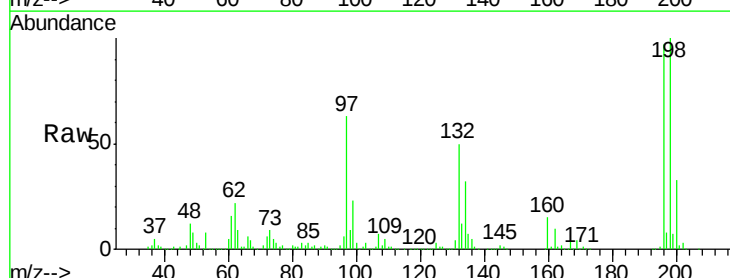
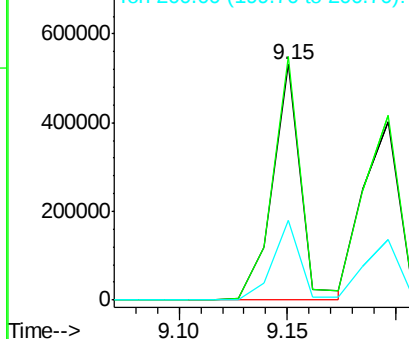
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 43.08 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 103.3 | 77.7 | 116.5 |       |
| 200     | 33.8  | 24.6 | 37.0  |       |

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





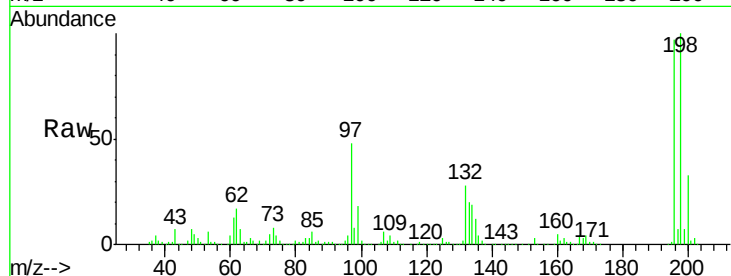
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.92 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. -0.02 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

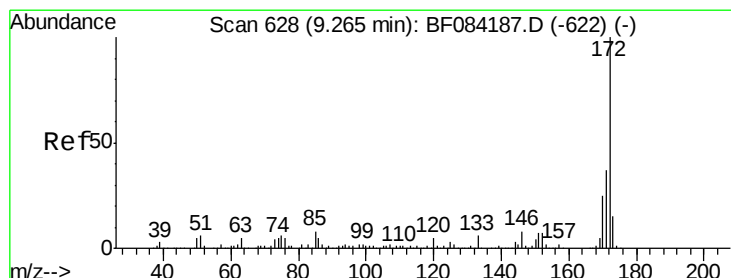
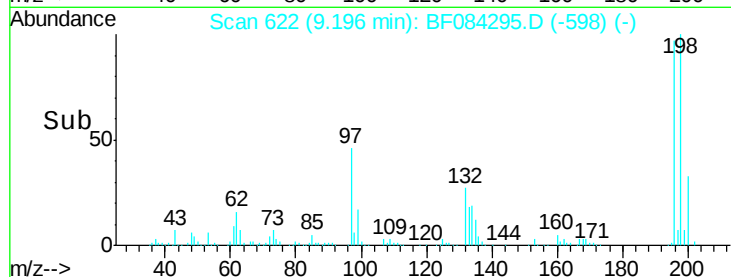
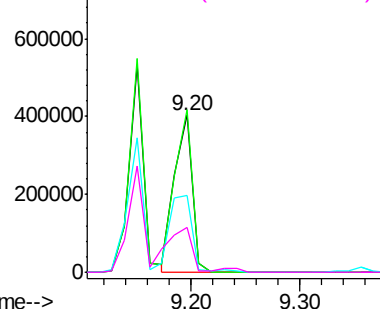
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 467749 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 103.3 | 79.0  | 118.6  |
| 97        | 49.0  | 33.0  | 49.6   |
| 132       | 29.0  | 21.1  | 31.7   |

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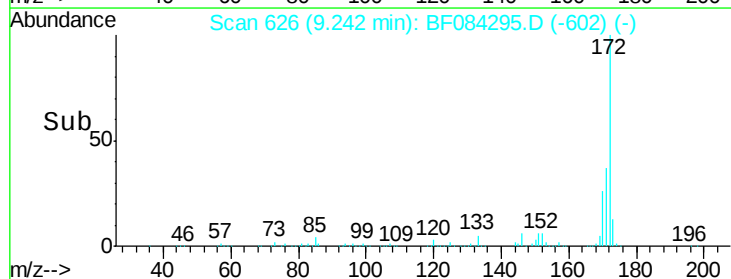
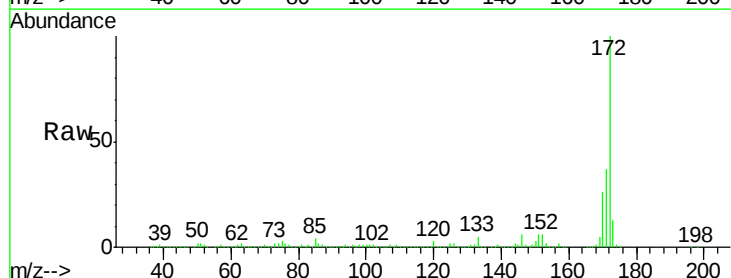
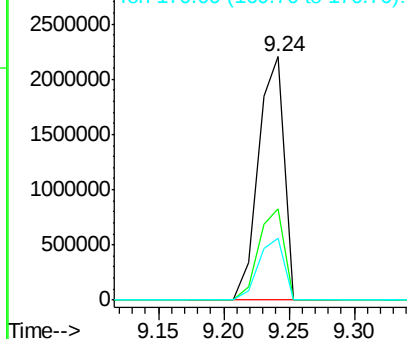
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

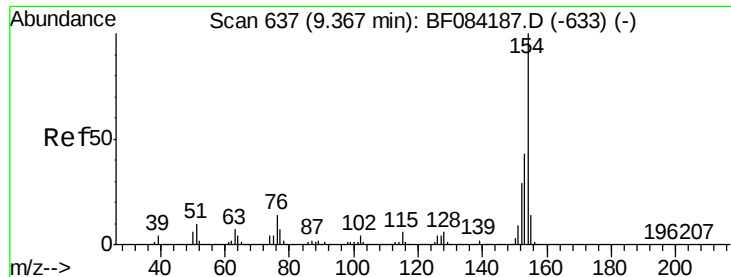


#44  
 2-Fluorobiphenyl  
 Concen: 104.09 ng  
 RT: 9.24 min Scan# 626  
 Delta R.T. -0.02 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 3014537 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 37.4  | 28.9  | 43.3    |
| 170       | 25.6  | 18.6  | 27.8    |

Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





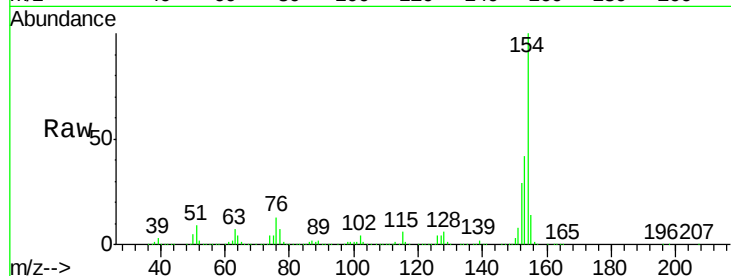
#45  
1,1'-Biphenyl  
Concen: 40.37 ng  
RT: 9.33 min Scan# 634  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 21.6  | 61.6  |
| 76      | 13.4  | 0.0   | 32.7  |

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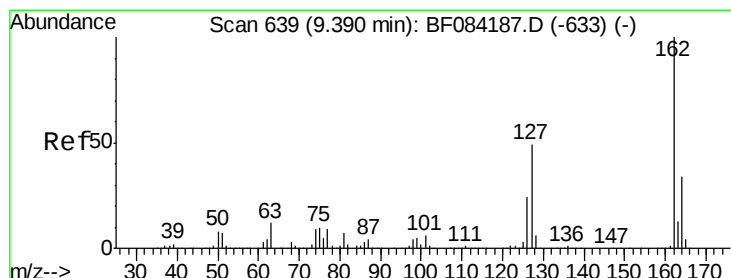
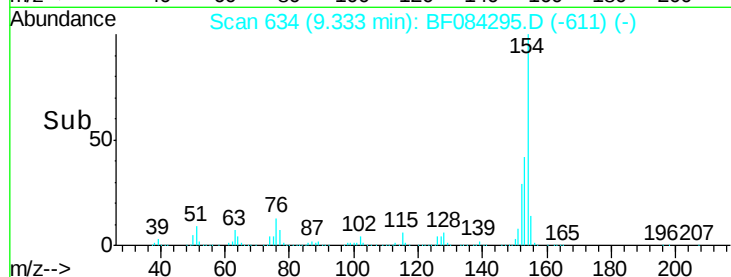
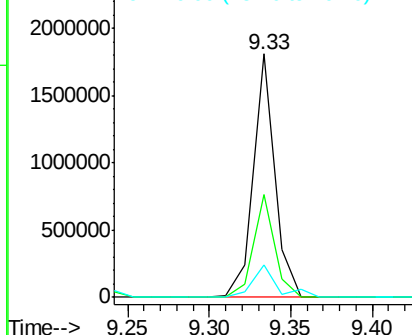


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46  
2-Chloronaphthalene  
Concen: 40.19 ng  
RT: 9.36 min Scan# 636  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

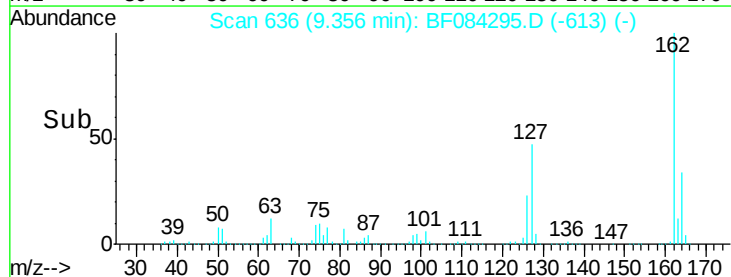
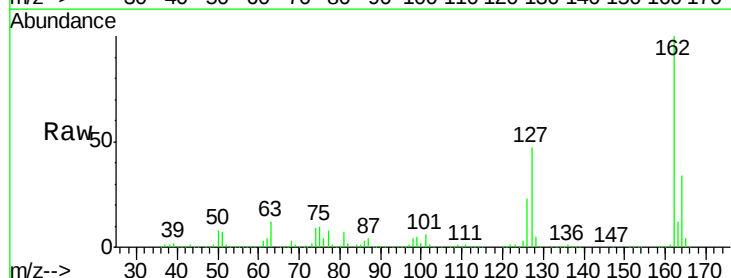
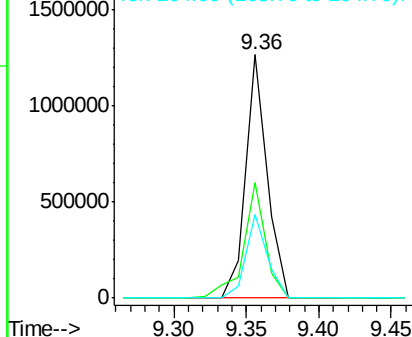
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 47.4  | 40.2  | 60.4  |
| 164     | 34.1  | 25.7  | 38.5  |

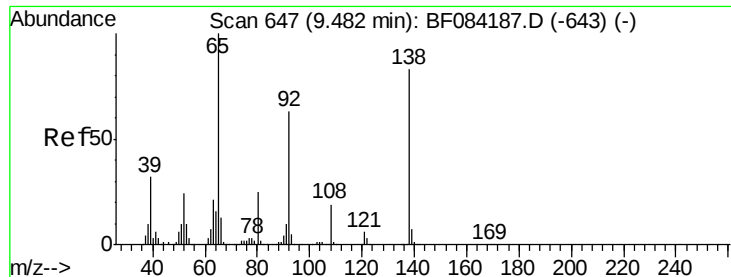
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





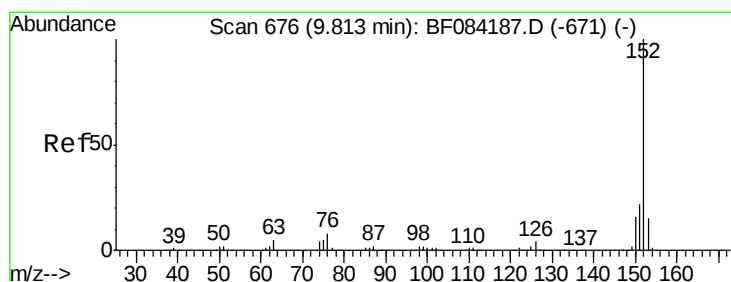
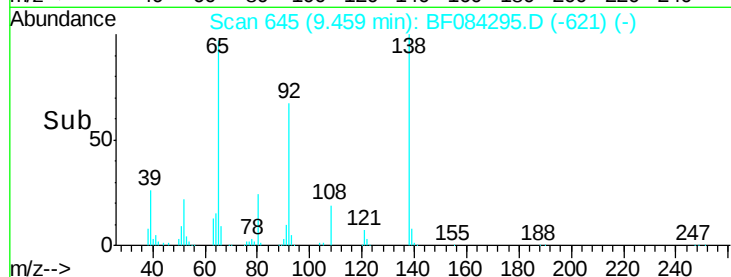
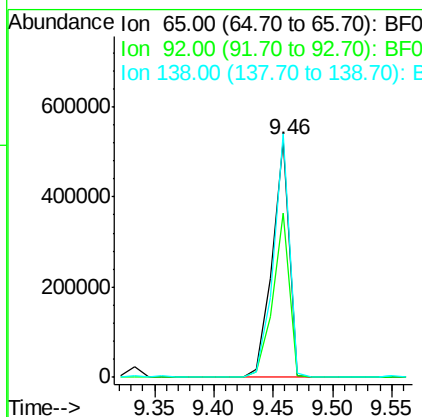
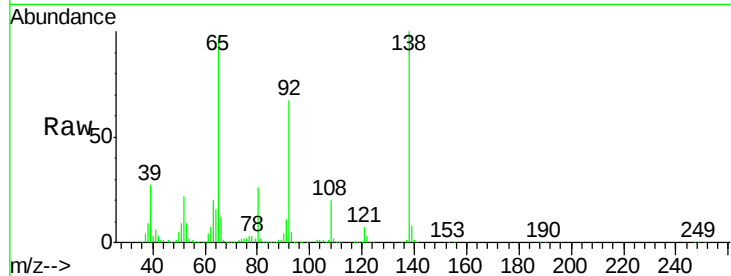
#47  
2-Nitroaniline  
Concen: 49.58 ng  
RT: 9.46 min Scan# 645  
Delta R.T. -0.02 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.1  | 53.4  | 80.2  |
| 138     | 102.6 | 71.1  | 106.7 |

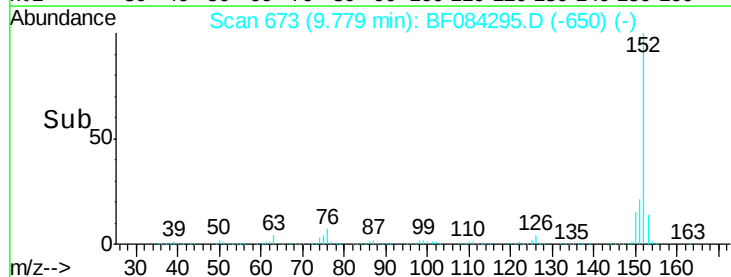
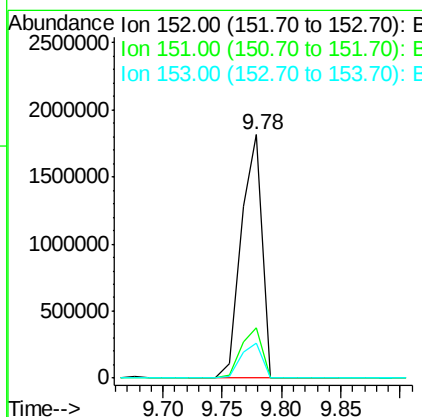
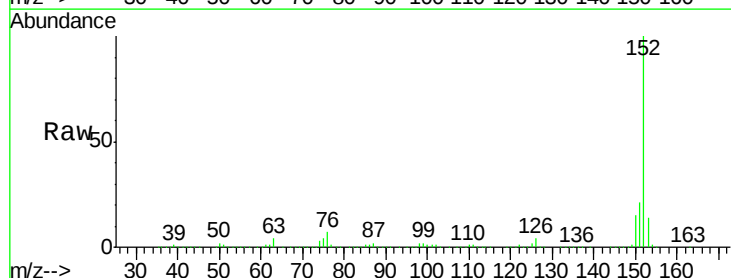
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#48  
Acenaphthylene  
Concen: 46.43 ng  
RT: 9.78 min Scan# 673  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.9  | 16.3  | 24.5  |
| 153     | 14.3  | 10.4  | 15.6  |





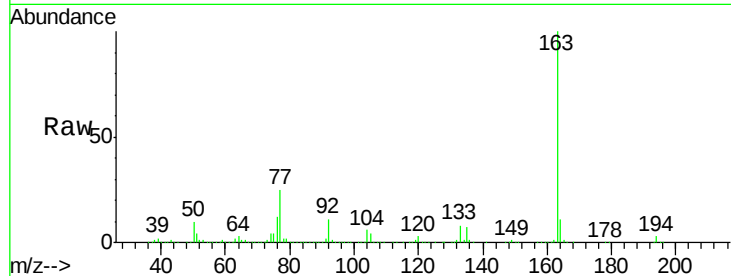
#49  
Dimethylphthalate  
Concen: 44.25 ng  
RT: 9.64 min Scan# 661  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

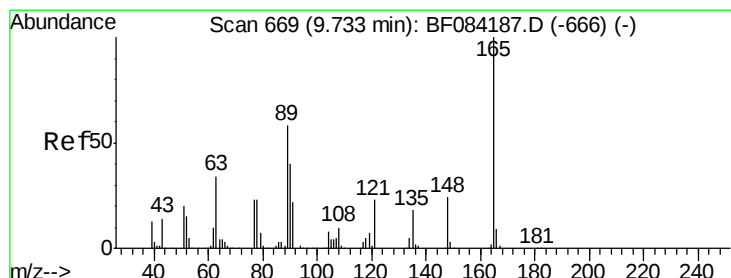
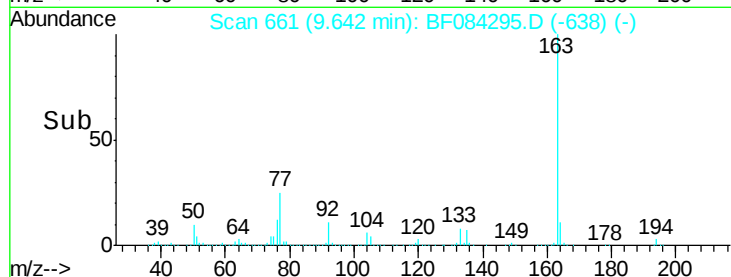
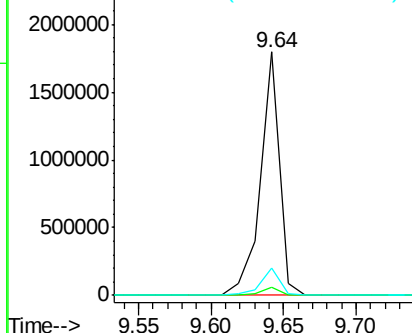
Tot Ion:163 Resp: 1633864  
Ion Ratio Lower Upper  
163 100  
194 3.3 8.0 12.0#  
164 11.0 8.0 12.0

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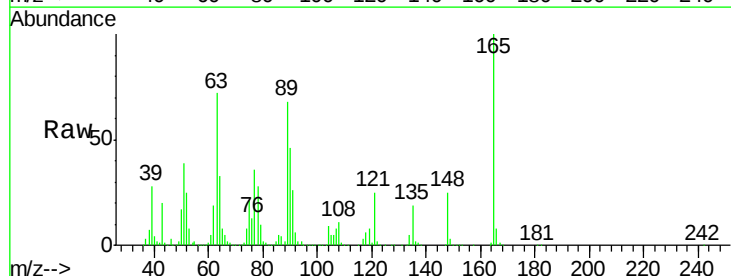


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

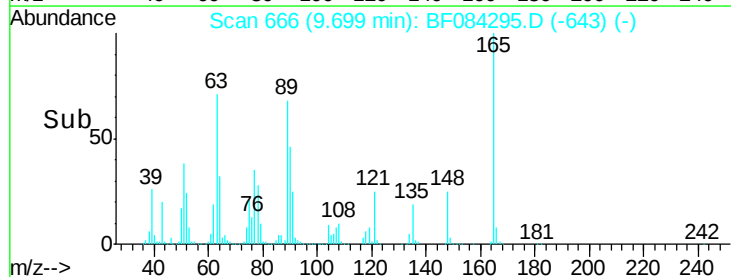
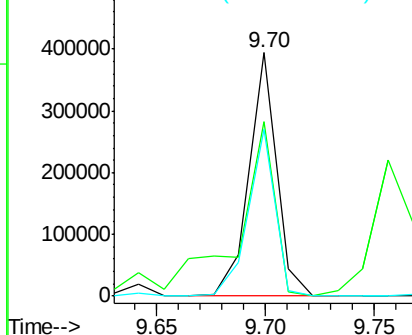


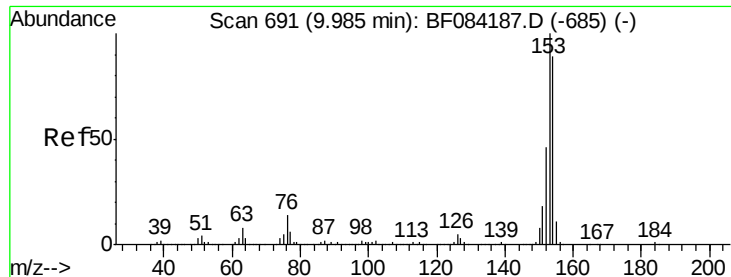
#50  
2,6-Dinitrotoluene  
Concen: 43.11 ng  
RT: 9.70 min Scan# 666  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Tgt Ion:165 Resp: 349182  
Ion Ratio Lower Upper  
165 100  
63 71.6 28.8 43.2#  
89 68.3 35.1 52.7#



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: 51.81 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:154 Resp: 165537

Ion Ratio Lower Upper

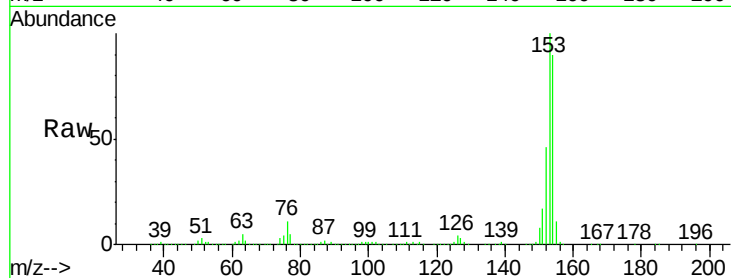
154 100

153 110.6 91.5 137.3

152 50.8 43.0 64.6

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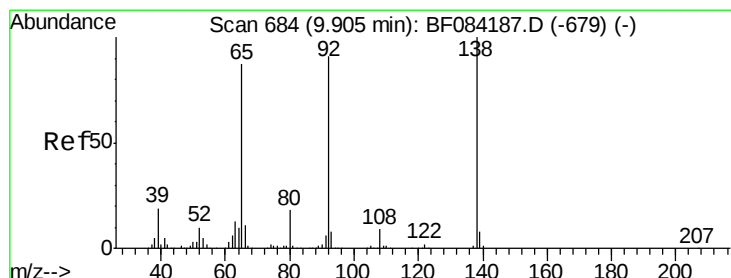
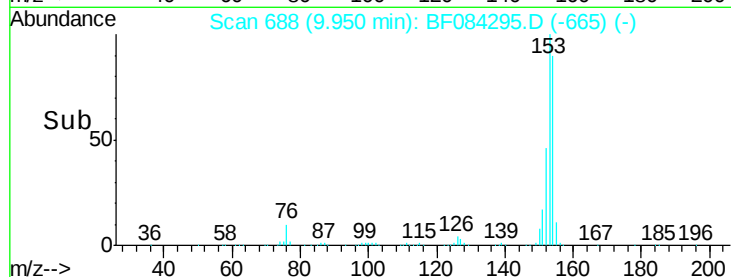
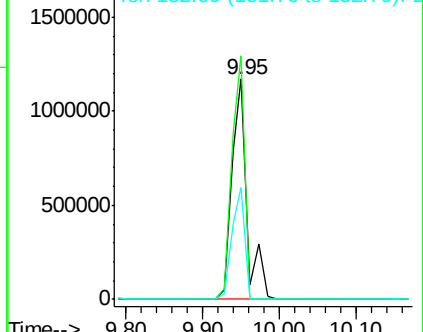
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.31 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

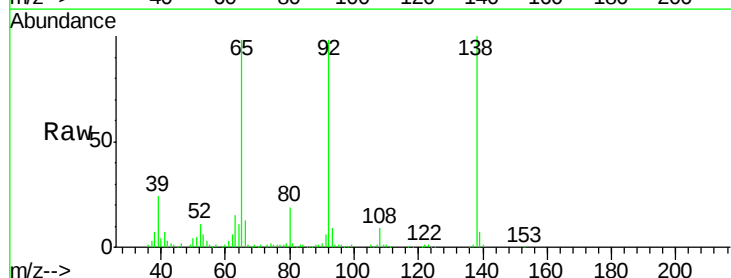
Tgt Ion:138 Resp: 173668

Ion Ratio Lower Upper

138 100

108 9.3 10.5 15.7#

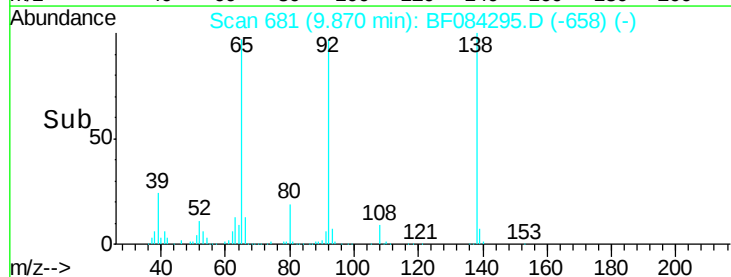
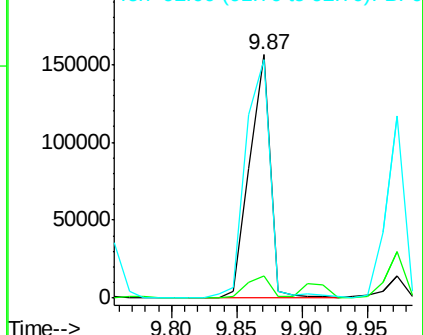
92 98.0 103.9 155.9#

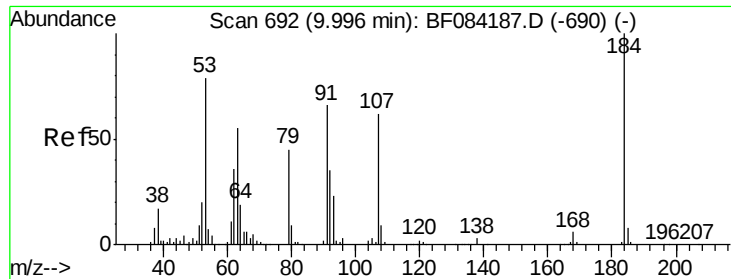


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





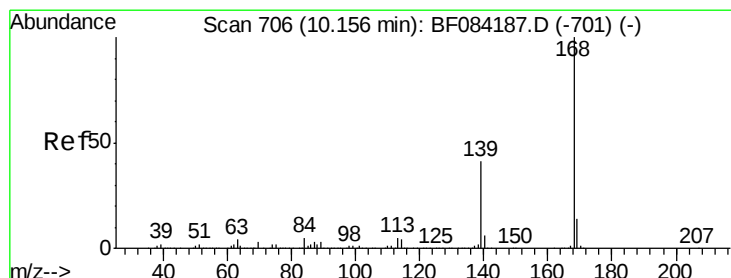
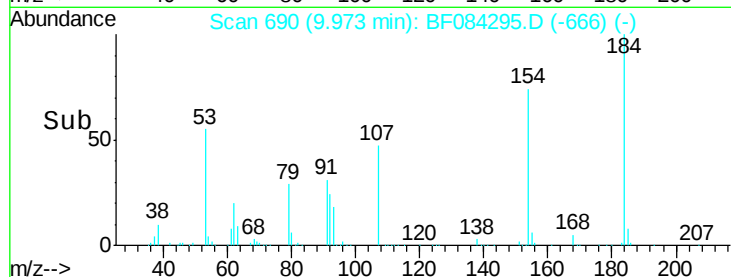
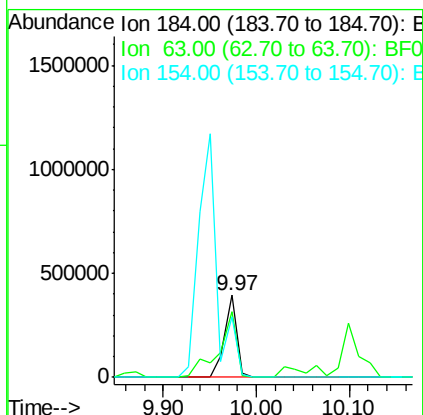
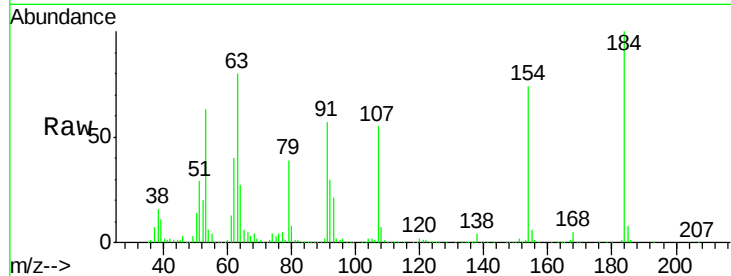
#53  
2,4-Dinitrophenol  
Concen: 105.29 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.02 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 367299 |       |       |
| 63      | 80.1  | 43.1   | 64.7# |       |
| 154     | 73.9  | 60.5   | 90.7  |       |

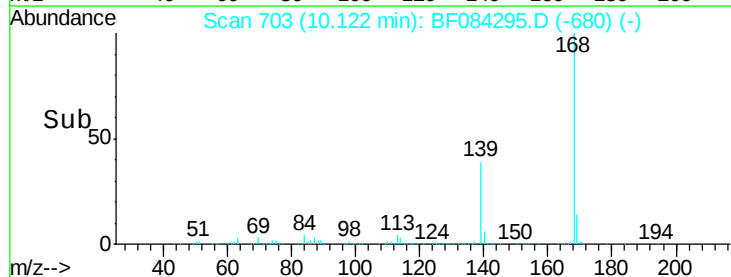
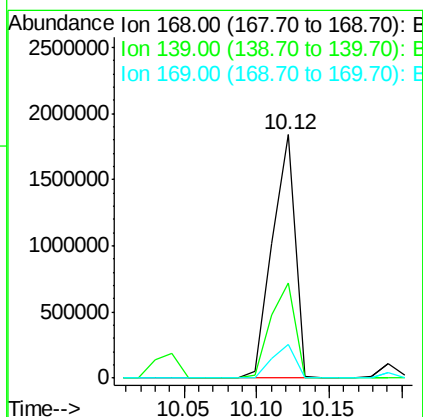
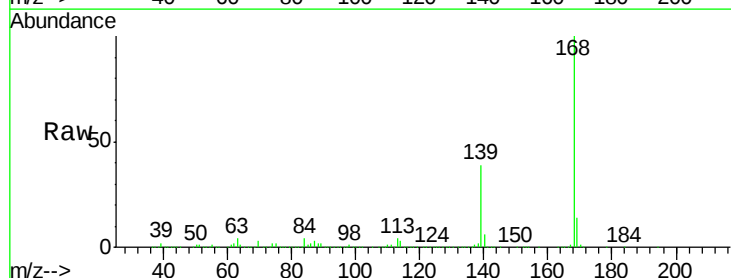
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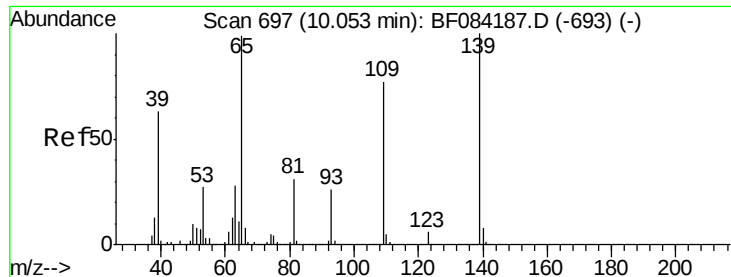
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#54  
Dibenzofuran  
Concen: 48.70 ng  
RT: 10.12 min Scan# 703  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 2005333 |       |       |
| 139     | 39.2  | 30.5    | 45.7  |       |
| 169     | 13.9  | 10.4    | 15.6  |       |





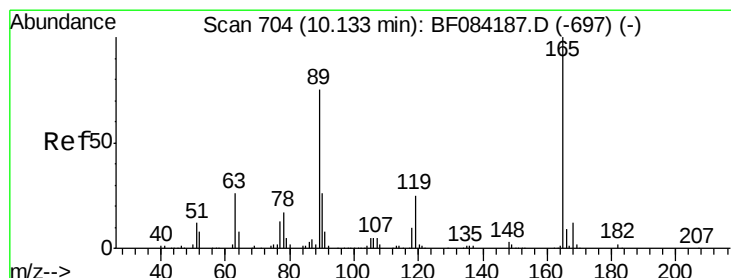
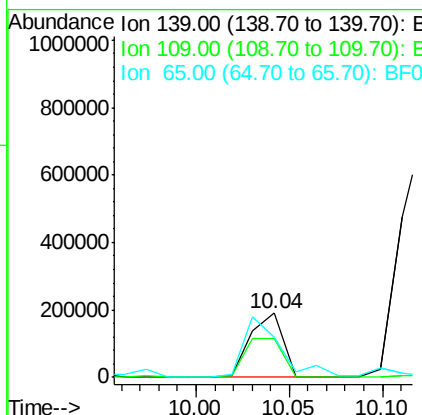
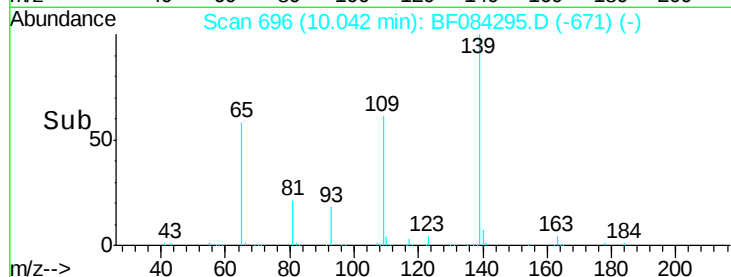
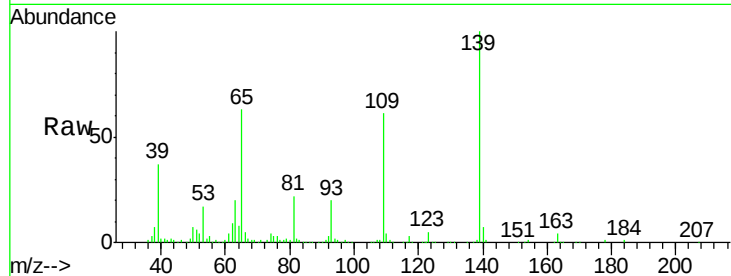
#55  
4-Nitrophenol  
Concen: 31.79 ng  
RT: 10.04 min Scan# 696  
Delta R.T. -0.01 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 231581 |       |       |
| 109     | 61.0  | 58.5   | 98.5  |       |
| 65      | 63.0  | 57.6   | 97.6  |       |

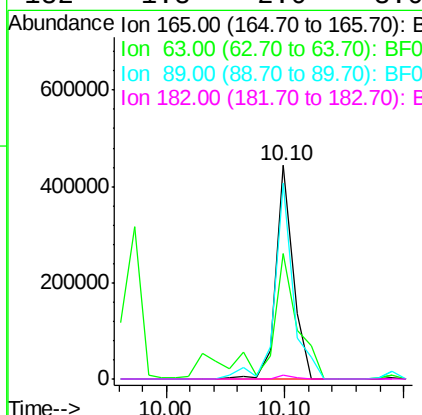
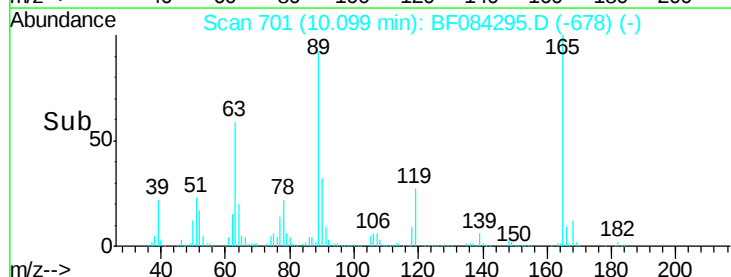
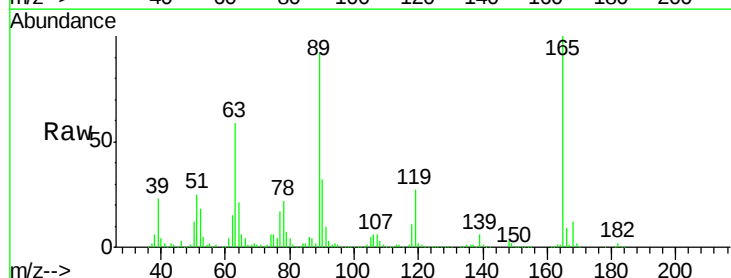
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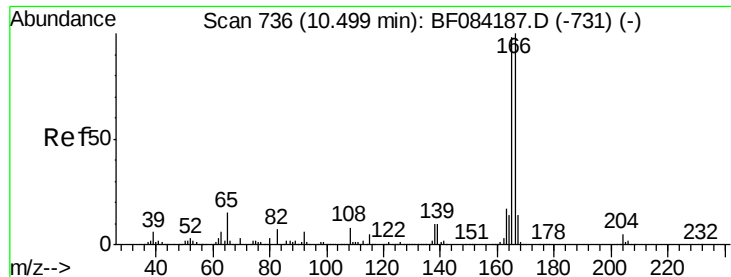
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#56  
2,4-Dinitrotoluene  
Concen: 43.50 ng  
RT: 10.10 min Scan# 701  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 445846 |       |       |
| 63      | 58.9  | 36.7   | 55.1# |       |
| 89      | 91.6  | 61.9   | 92.9  |       |
| 182     | 1.8   | 2.0    | 3.0#  |       |





#57

Fluorene

Concen: 47.14 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:166 Resp: 1505149

Ion Ratio Lower Upper

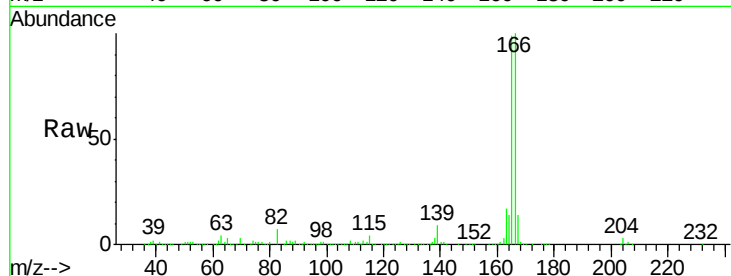
166 100

165 99.0 79.1 118.7

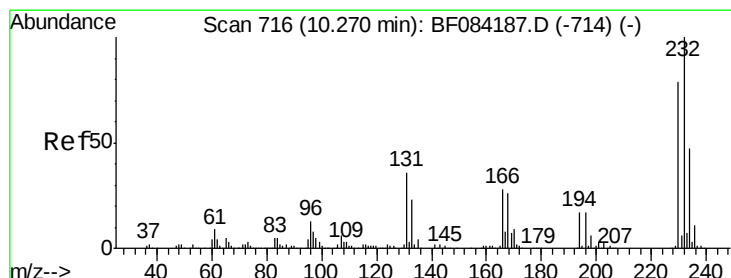
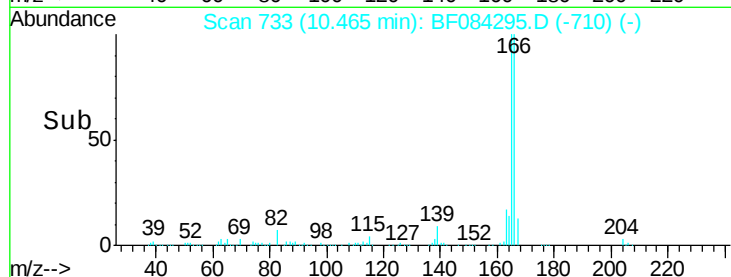
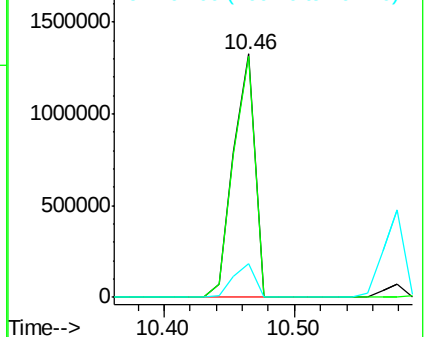
167 13.6 10.4 15.6

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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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.17 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Tgt Ion:232 Resp: 392518

Ion Ratio Lower Upper

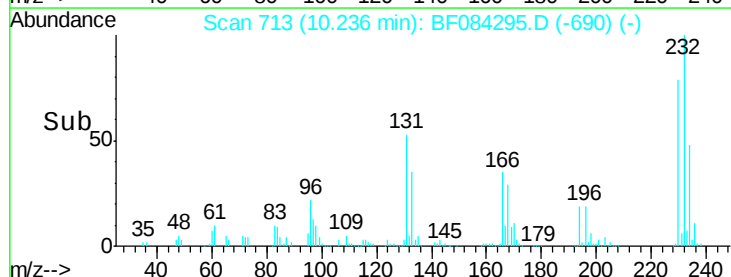
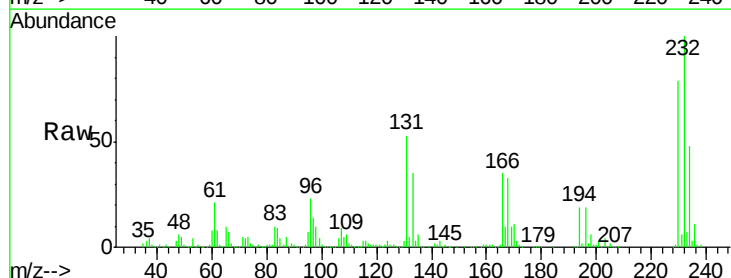
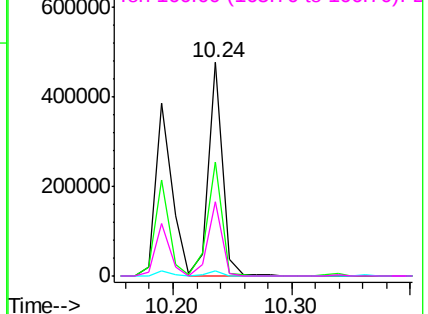
232 100

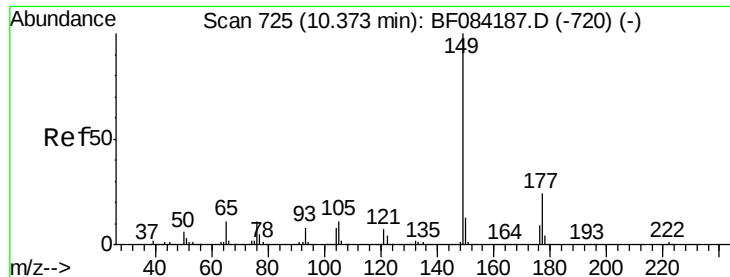
131 54.5 47.0 70.6

130 2.8 2.0 3.0

166 34.7 30.5 45.7

Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E





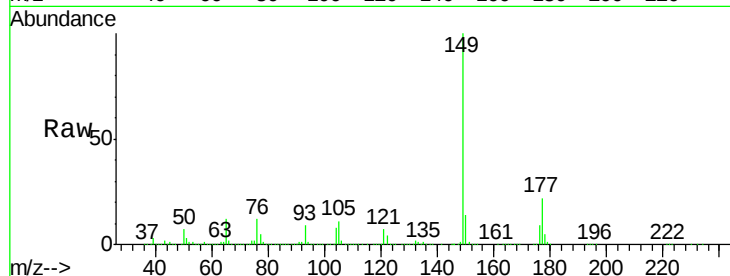
#59  
Diethylphthalate  
Concen: 44.29 ng  
RT: 10.34 min Scan# 722  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

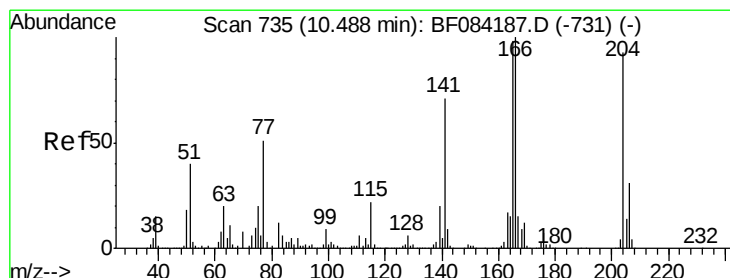
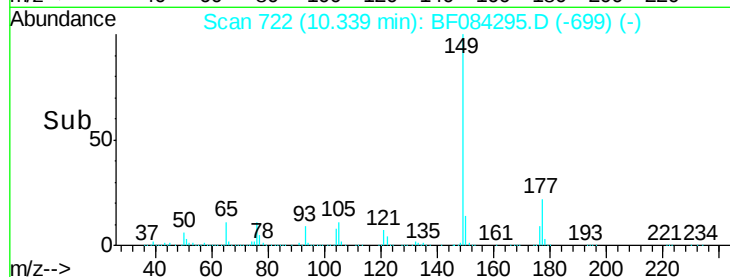
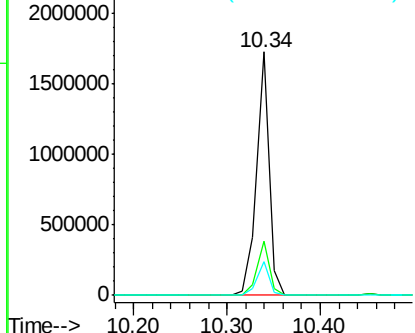
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.4  | 17.3  | 25.9  |
| 150     | 13.6  | 9.8   | 14.8  |

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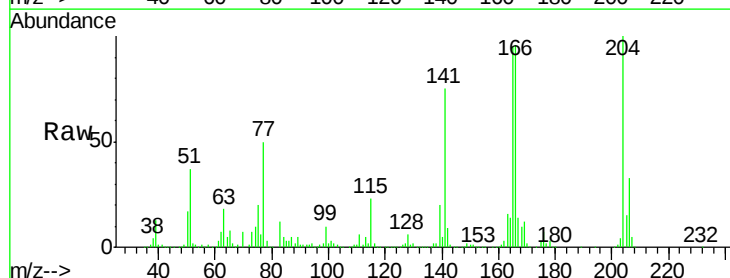


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

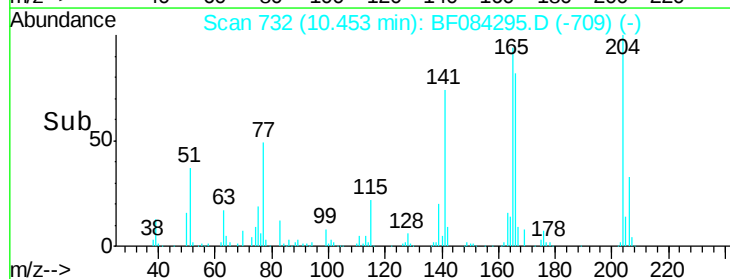
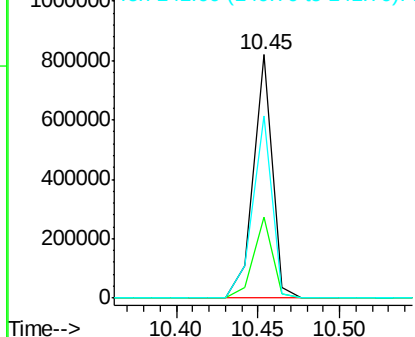


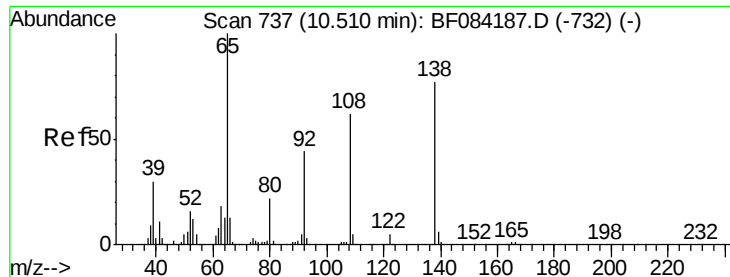
#60  
4-Chlorophenyl-phenylether  
Concen: 50.03 ng  
RT: 10.45 min Scan# 732  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 25.7  | 38.5  |
| 141     | 75.0  | 55.1  | 82.7  |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.85 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

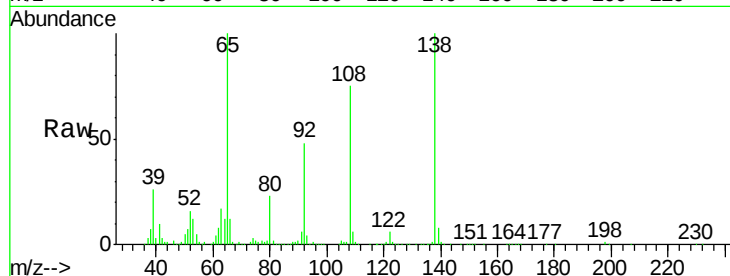
ClientSampleId :

TEP-MW-43MSD

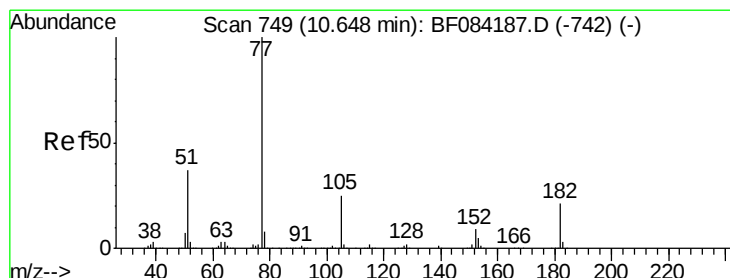
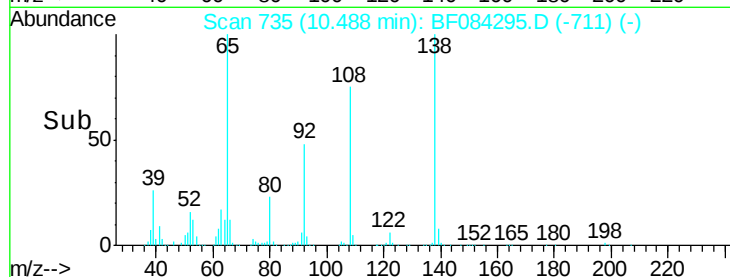
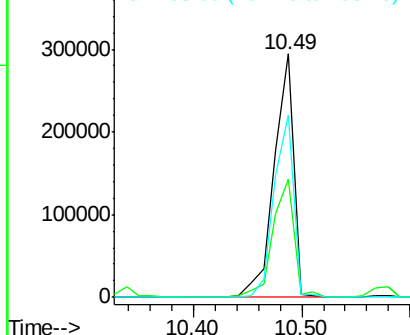
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 365455 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 48.6  | 32.6  | 72.6   |
| 108       | 74.9  | 68.6  | 108.6  |

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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: 44.73 ng

RT: 10.61 min Scan# 746

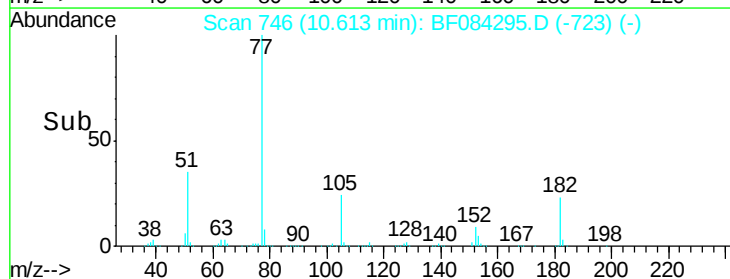
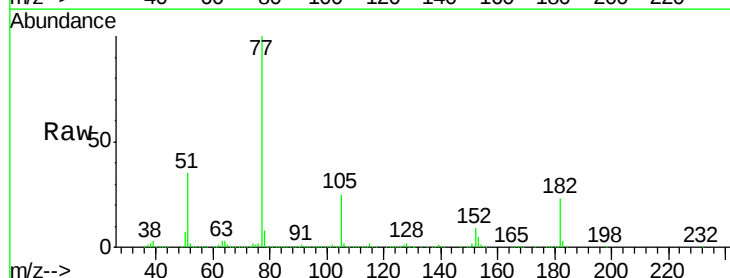
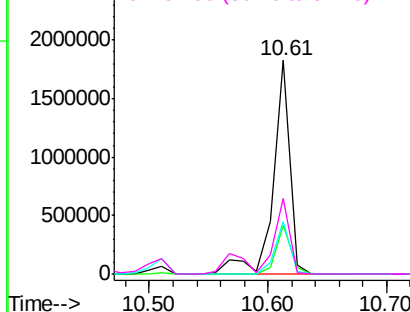
Delta R.T. -0.03 min

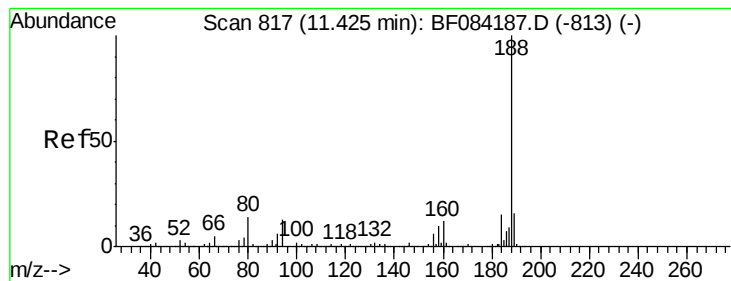
Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 77    | Resp: | 1786031 |
| Ion Ratio | Lower | Upper |         |
| 77        | 100   |       |         |
| 182       | 23.0  | 8.3   | 48.3    |
| 105       | 24.6  | 4.6   | 44.6    |
| 51        | 35.2  | 6.2   | 46.2    |

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: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

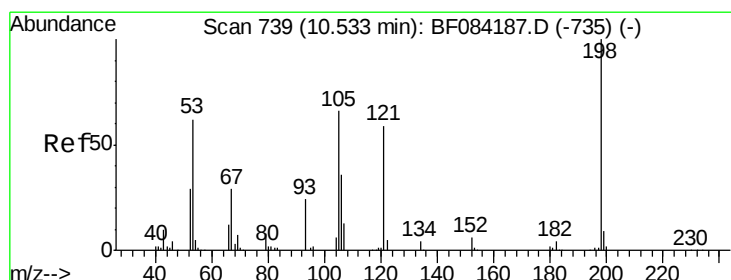
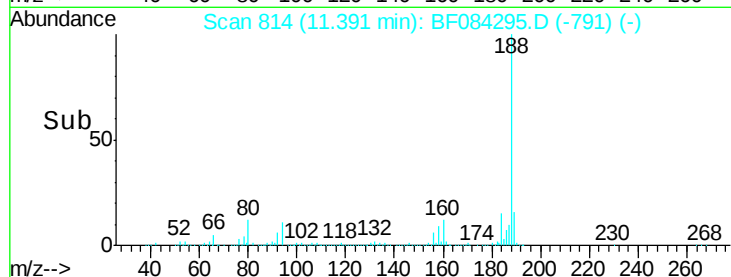
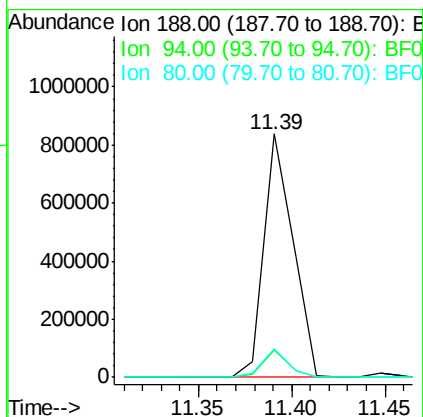
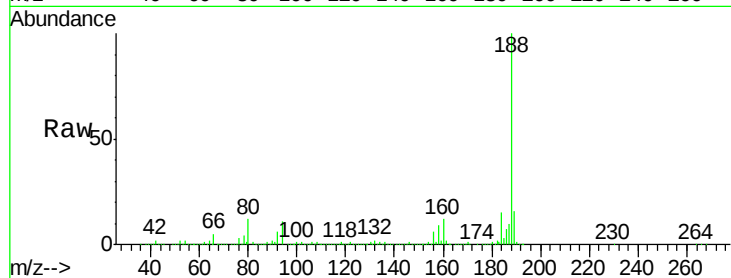
ClientSampleId :

TEP-MW-43MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 902147 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 11.4  | 9.0   | 13.4   |
| 80        | 11.9  | 9.6   | 14.4   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 52.12 ng

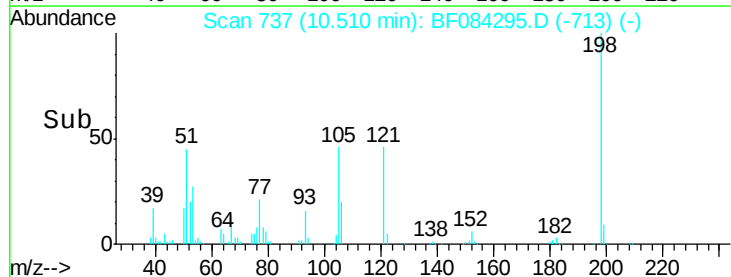
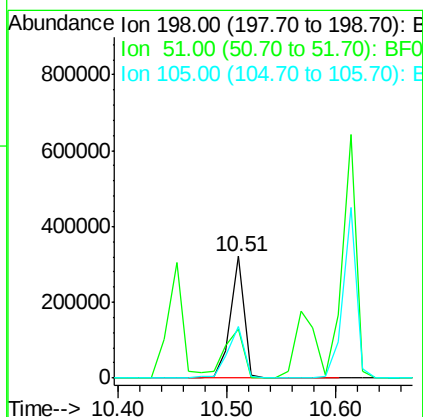
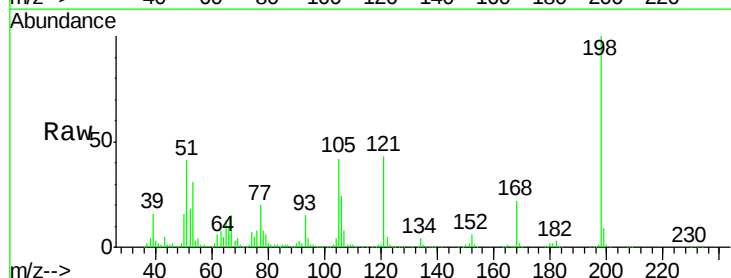
RT: 10.51 min Scan# 737

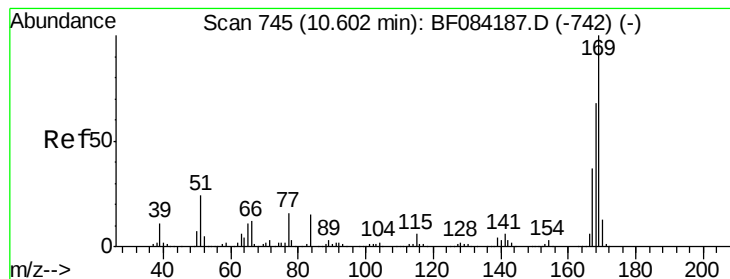
Delta R.T. -0.02 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 282241 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 40.6  | 18.9  | 58.9   |
| 105       | 42.2  | 26.4  | 66.4   |





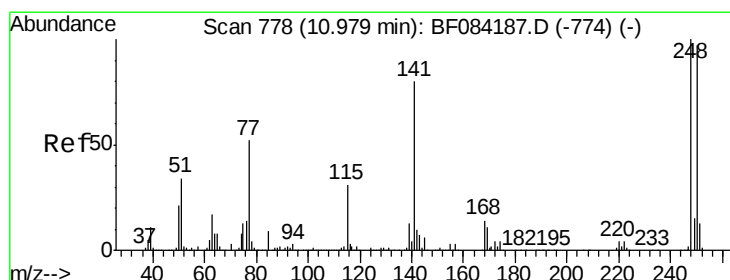
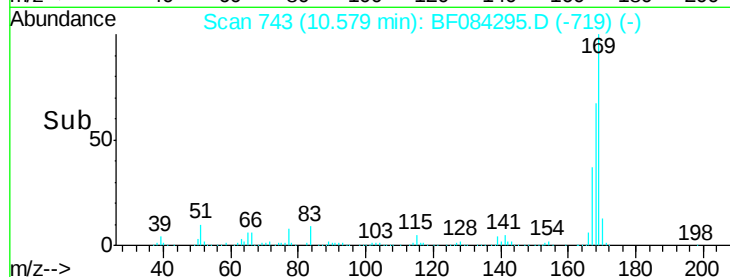
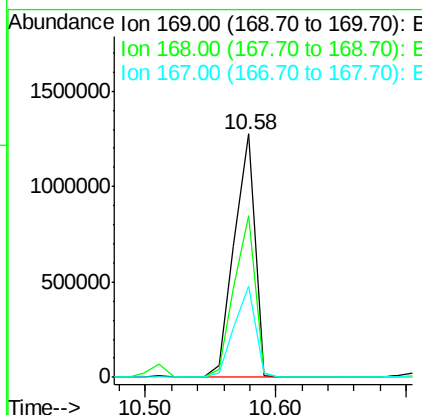
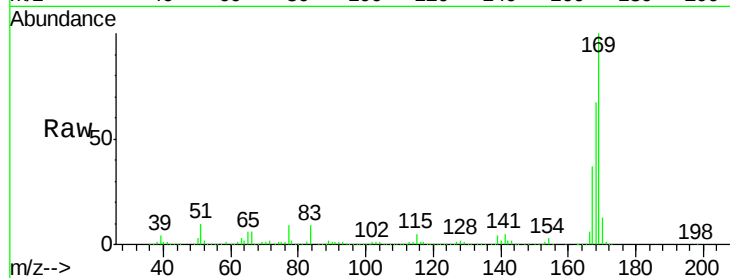
#65  
 n-Nitrosodiphenylamine  
 Concen: 48.54 ng  
 RT: 10.58 min Scan# 743  
 Delta R.T. -0.02 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 169     | 100  |       |       |       |
| 168     | 66.7 | 55.1  | 82.7  |       |
| 167     | 37.3 | 30.0  | 45.0  |       |

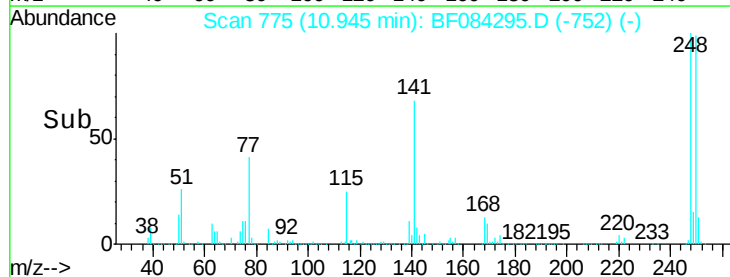
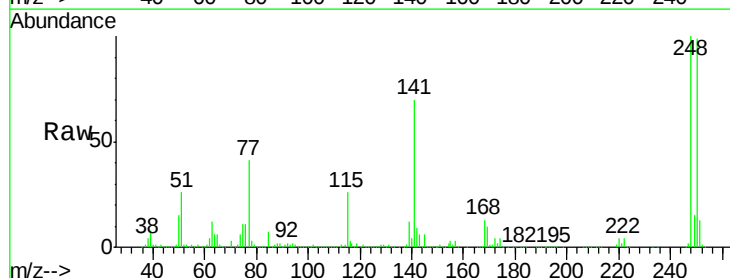
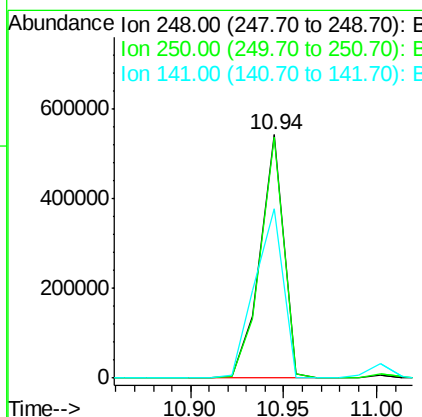
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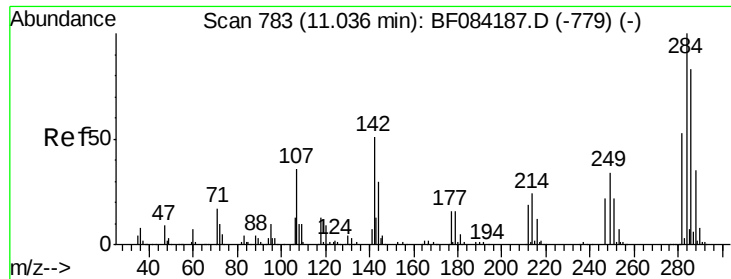
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#66  
 4-Bromophenyl-phenylether  
 Concen: 48.98 ng  
 RT: 10.94 min Scan# 775  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 248     | 100  |       |       |       |
| 250     | 98.9 | 78.4  | 117.6 |       |
| 141     | 69.6 | 44.0  | 66.0  |       |





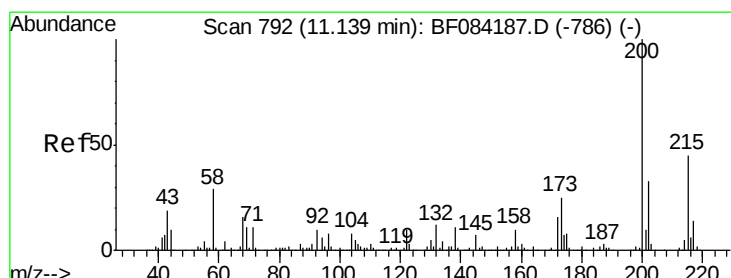
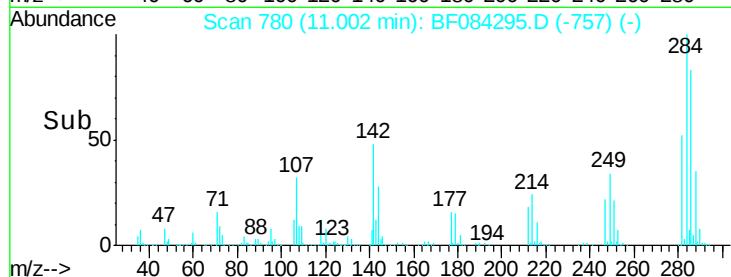
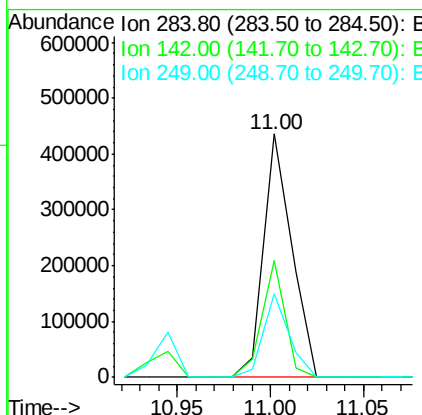
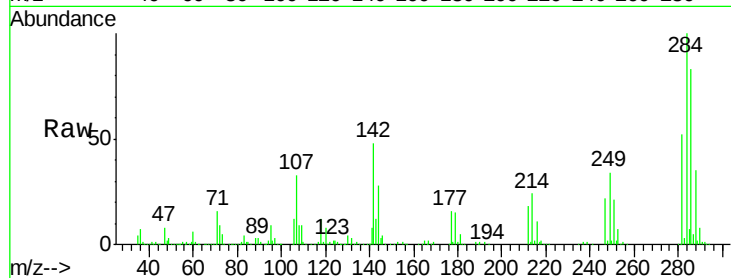
#67  
Hexachlorobenzene  
Concen: 41.58 ng  
RT: 11.00 min Scan# 780  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 454454 |       |       |
| 142     | 47.8  | 22.2   | 33.4# |       |
| 249     | 34.4  | 24.6   | 37.0  |       |

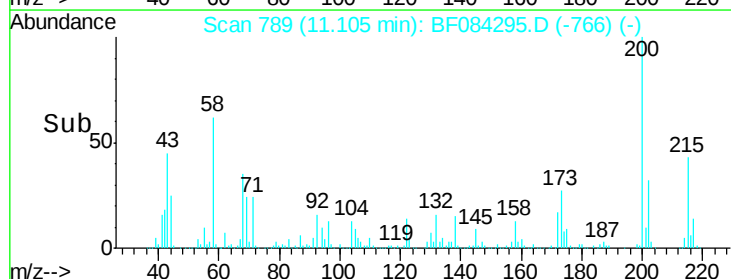
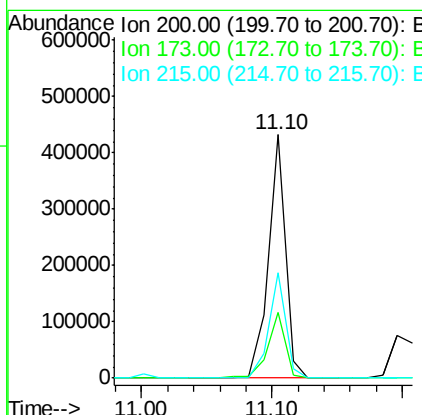
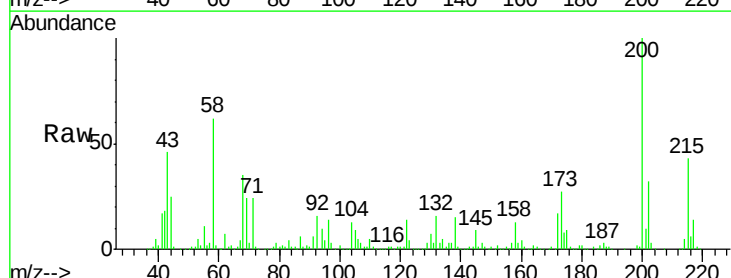
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#68  
Atrazine  
Concen: 42.12 ng  
RT: 11.10 min Scan# 789  
Delta R.T. -0.03 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 397575 |       |       |
| 173     | 27.0  | 9.5    | 49.5  |       |
| 215     | 43.1  | 23.8   | 63.8  |       |





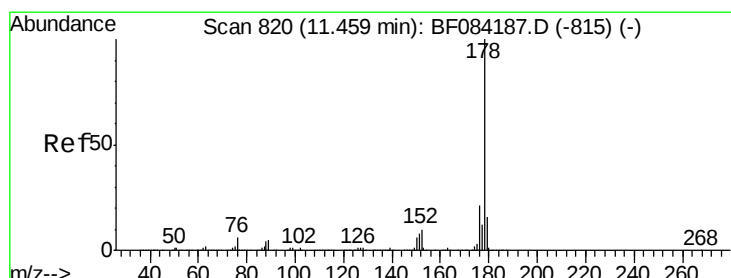
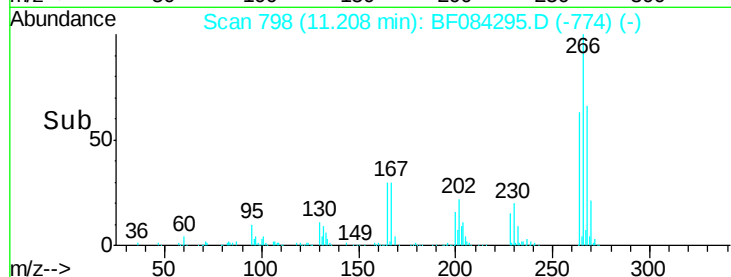
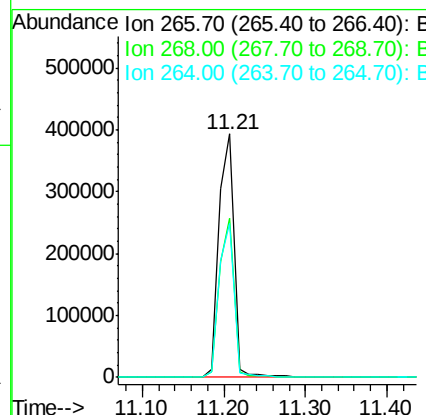
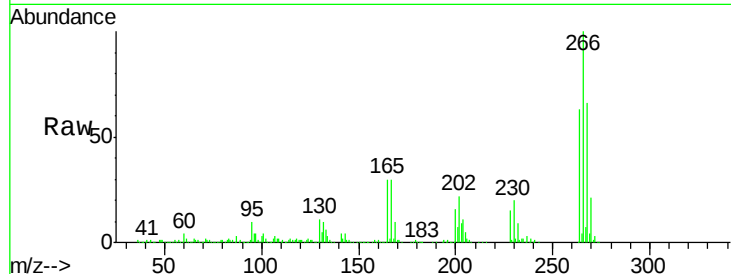
#69  
 Pentachlorophenol  
 Concen: 90.41 ng  
 RT: 11.21 min Scan# 798  
 Delta R.T. -0.02 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 512338 |       |       |
| 268     | 65.5  | 52.4   | 78.6  |       |
| 264     | 63.2  | 50.2   | 75.2  |       |

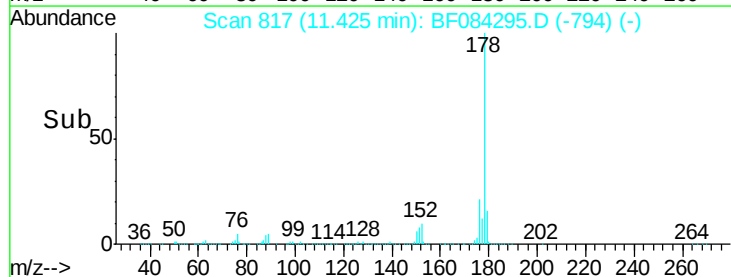
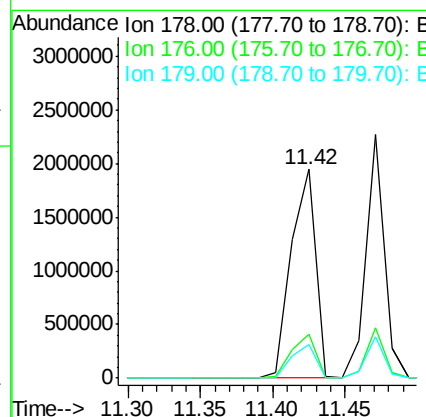
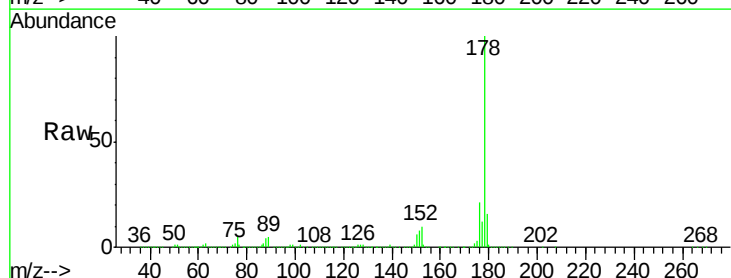
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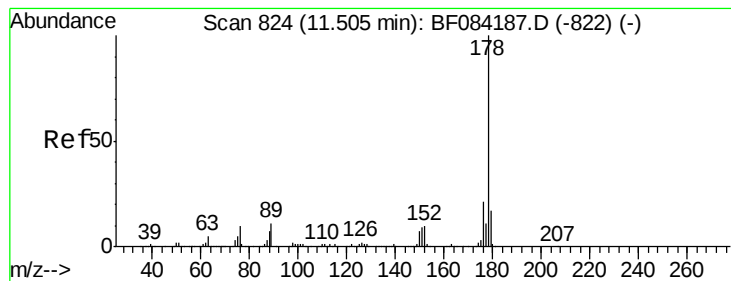
umangi  
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#70  
 Phenanthrene  
 Concen: 48.20 ng  
 RT: 11.42 min Scan# 817  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 2274342 |       |       |
| 176     | 21.0  | 15.3    | 22.9  |       |
| 179     | 16.0  | 12.0    | 18.0  |       |





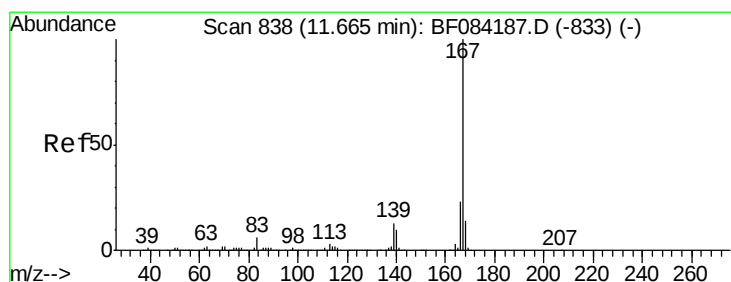
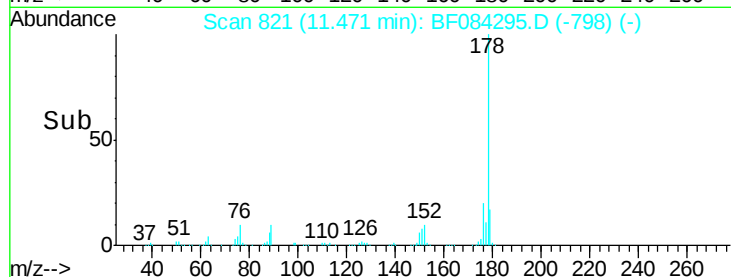
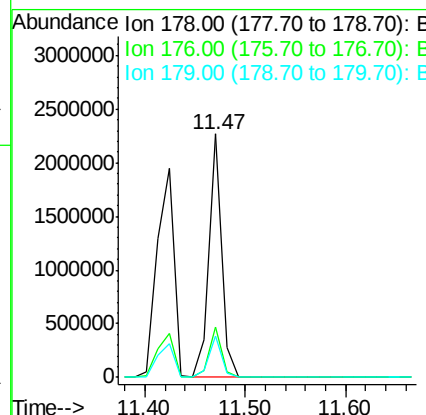
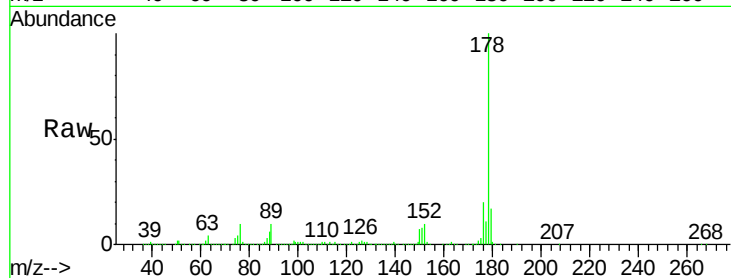
#71  
 Anthracene  
 Concen: 43.18 ng  
 RT: 11.47 min Scan# 821  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

Tot Ion:178 Resp: 1997452  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 15.4 23.0  
 179 17.0 12.5 18.7

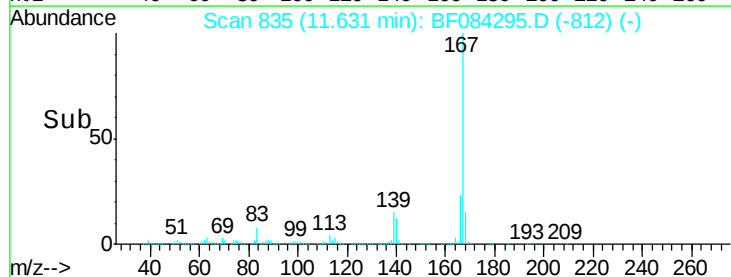
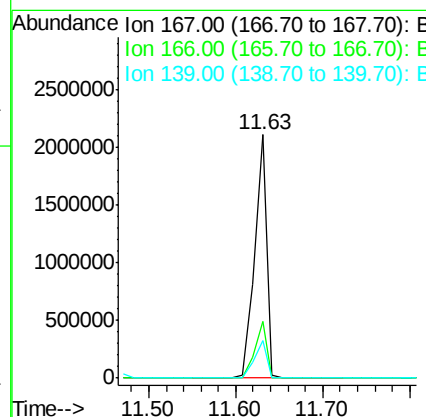
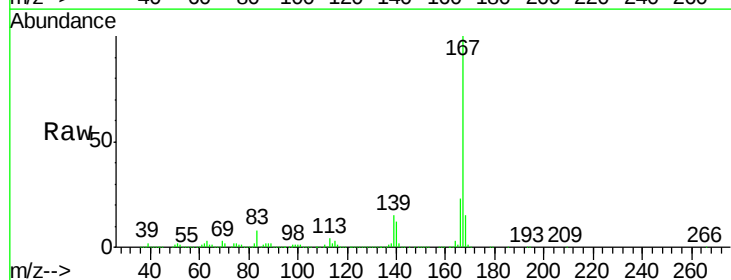
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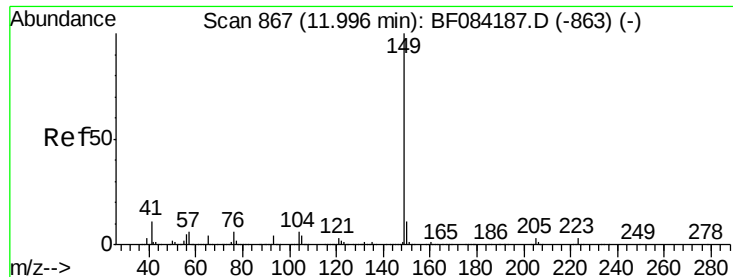
umangi  
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#72  
 Carbazole  
 Concen: 45.41 ng  
 RT: 11.63 min Scan# 835  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Tgt Ion:167 Resp: 2053588  
 Ion Ratio Lower Upper  
 167 100  
 166 23.5 17.6 26.4  
 139 15.4 11.8 17.8





#73

Di-n-butylphthalate

Concen: 50.95 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:149 Resp: 2369252

Ion Ratio Lower Upper

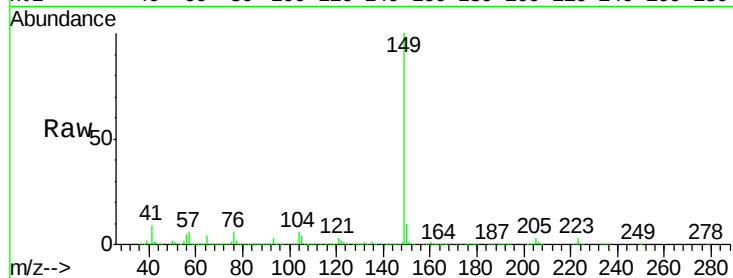
149 100

150 10.5 7.1 10.7

104 6.1 3.2 4.8#

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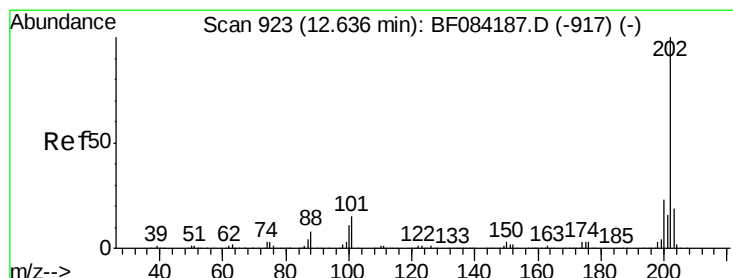
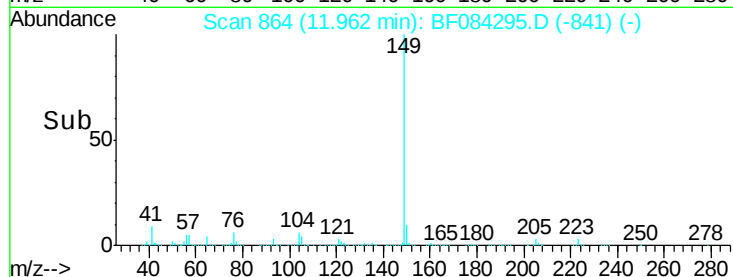
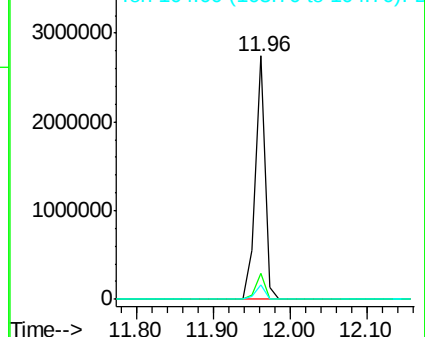
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.57 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

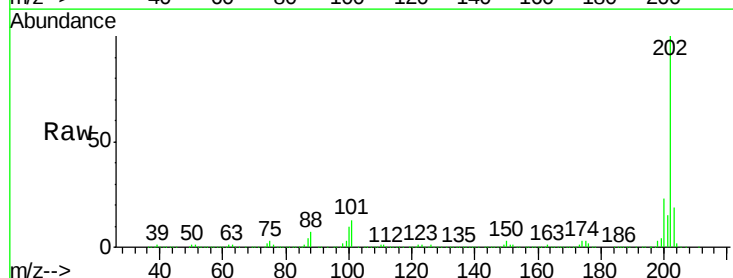
Tgt Ion:202 Resp: 2049410

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.8

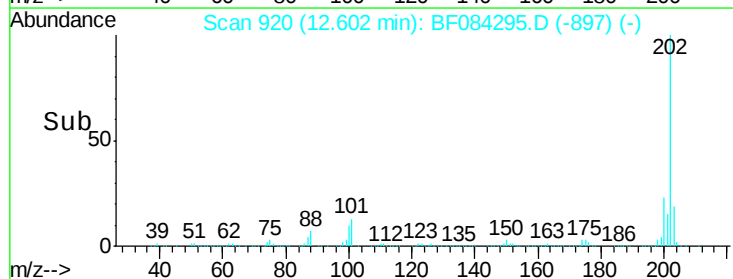
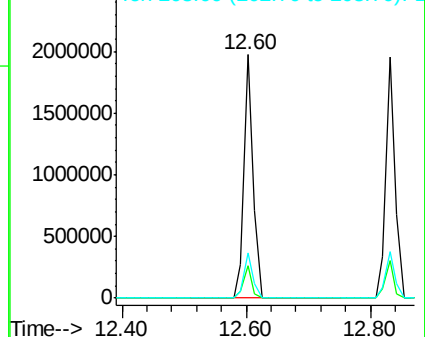
203 18.8 0.0 37.9

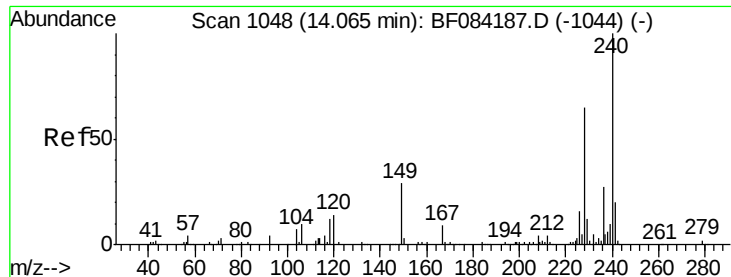


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

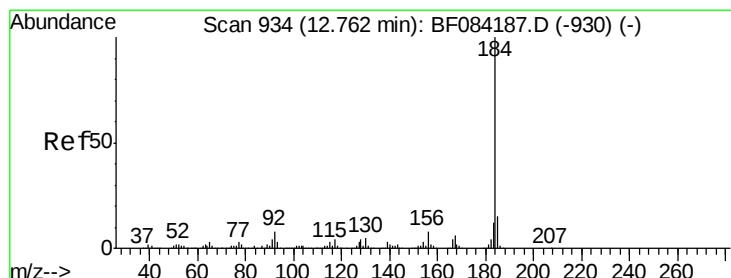
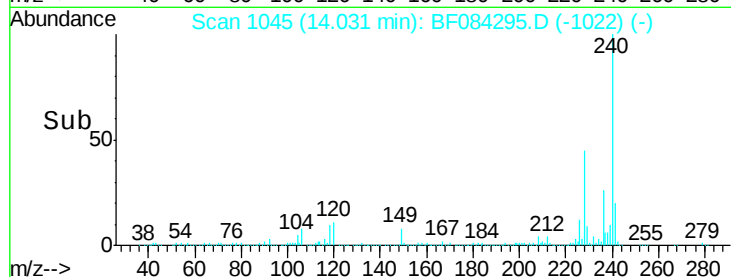
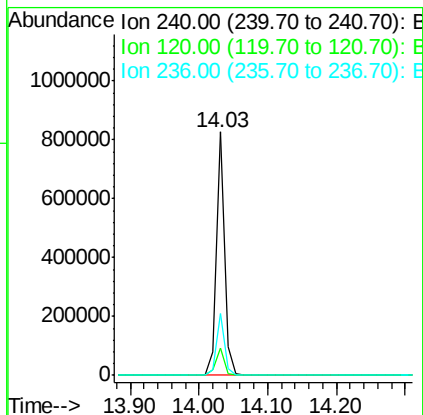
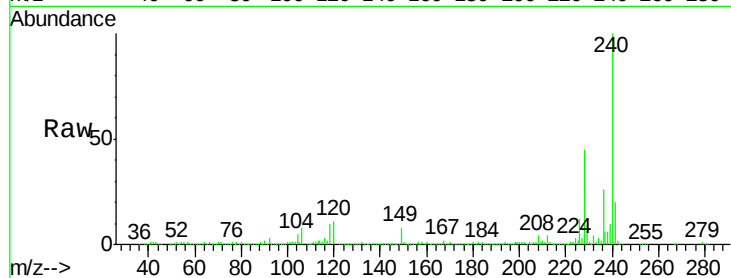
ClientSampleId :

TEP-MW-43MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 699826 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.3  | 9.5   | 14.3   |
| 236       | 25.7  | 20.6  | 31.0   |

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#76

Benzidine

Concen: 3.79 ng

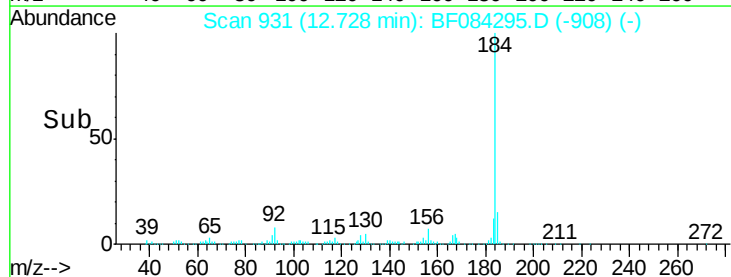
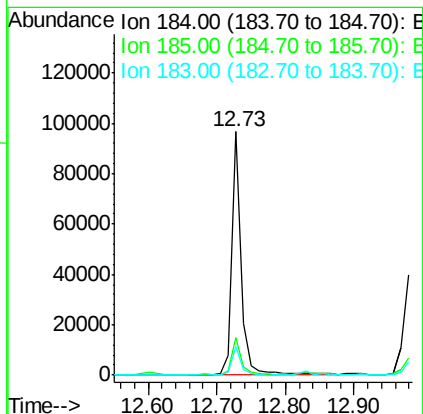
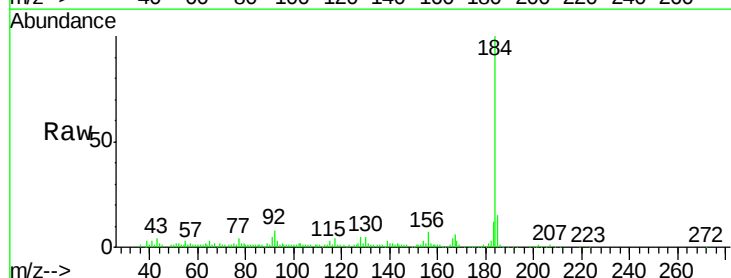
RT: 12.73 min Scan# 931

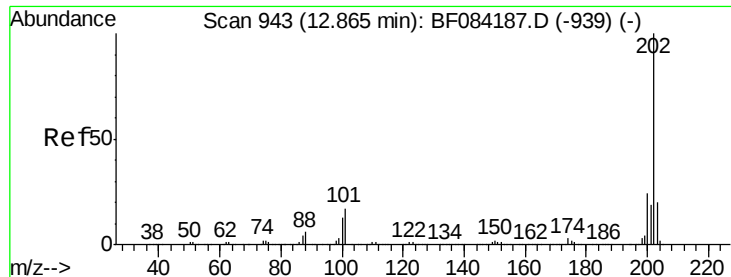
Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 95186 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 15.5  | 12.2  | 18.2  |
| 183       | 11.6  | 9.8   | 14.8  |





#77

Pvrene

Concen: 37.34 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:202 Resp: 2050493

Ion Ratio Lower Upper

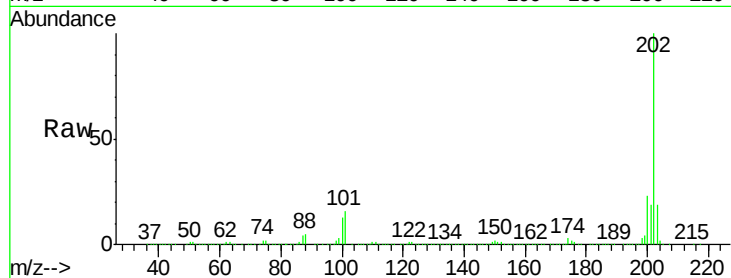
202 100

200 23.1 17.2 25.8

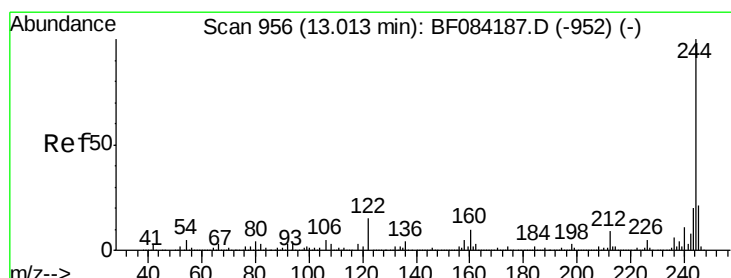
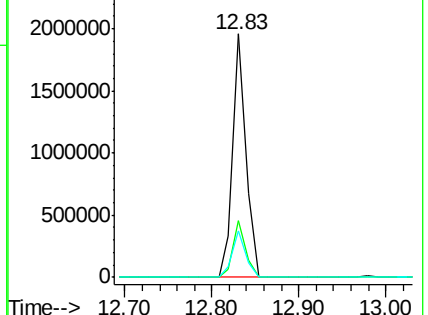
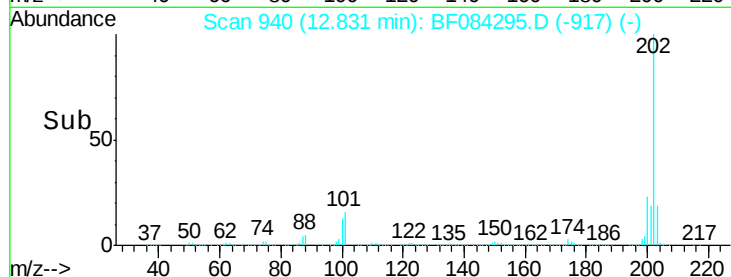
203 19.3 14.3 21.5

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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: 71.57 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

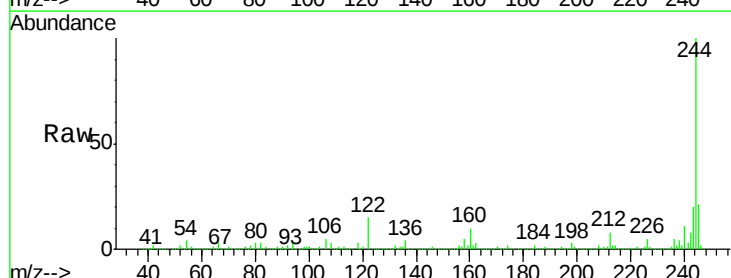
Tgt Ion:244 Resp: 2243889

Ion Ratio Lower Upper

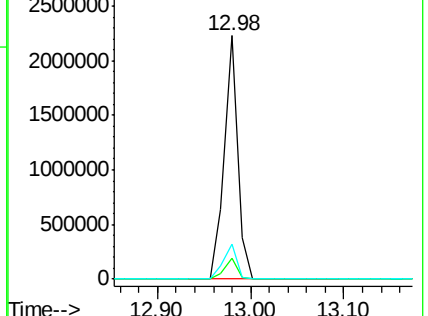
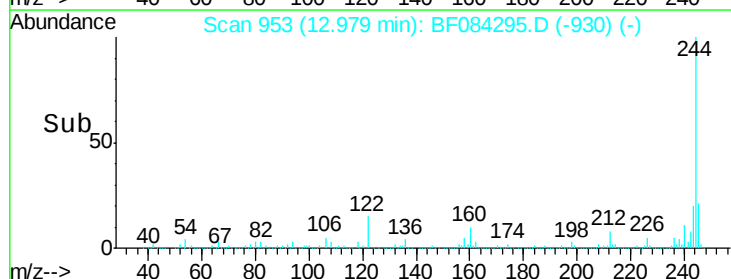
244 100

212 8.3 5.7 8.5

122 14.5 7.4 11.0#



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: 46.13 ng

RT: 13.46 min Scan# 995

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:149 Resp: 1096350

Ion Ratio Lower Upper

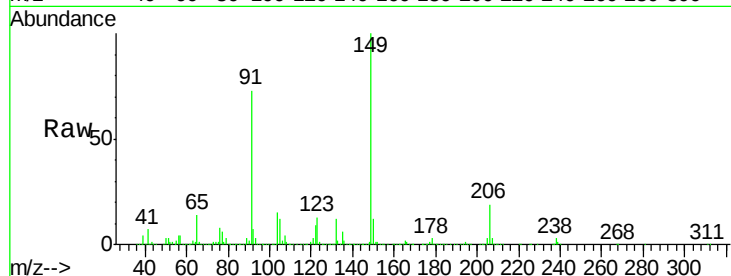
149 100

91 72.9 57.6 86.4

206 19.2 13.2 19.8

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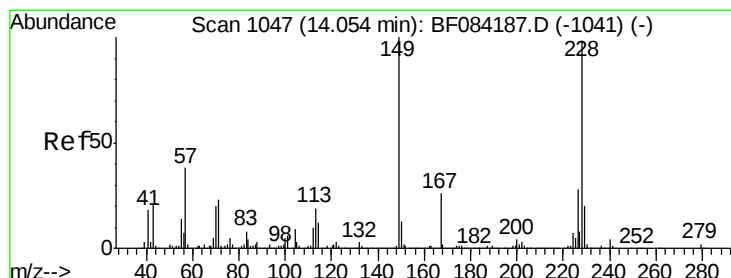
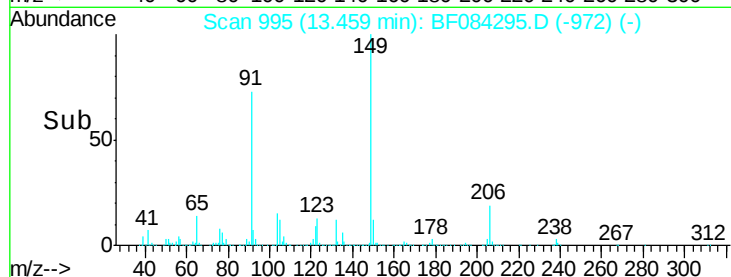
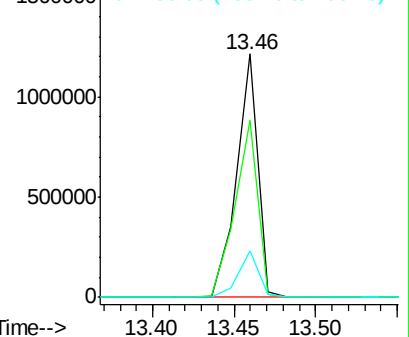
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.80 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

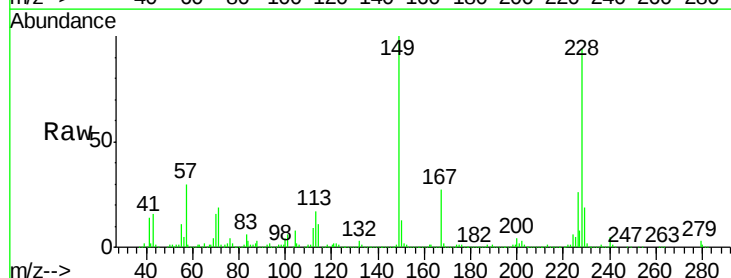
Tgt Ion:228 Resp: 1635334

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.6

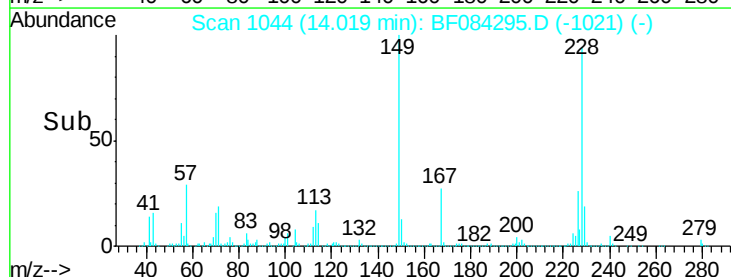
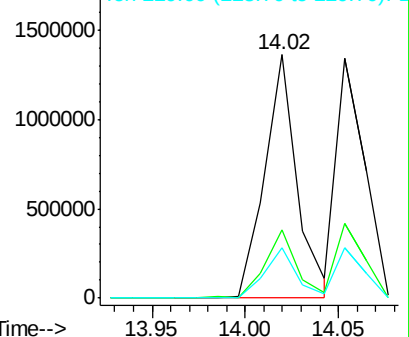
229 20.7 15.8 23.8

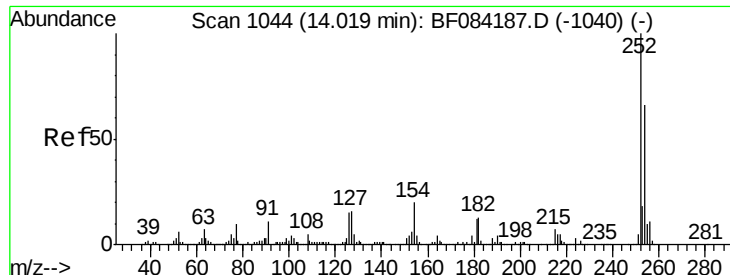


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





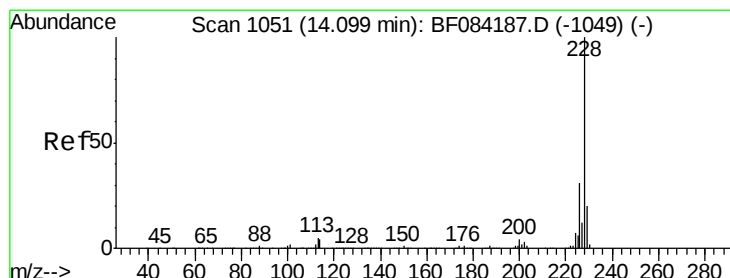
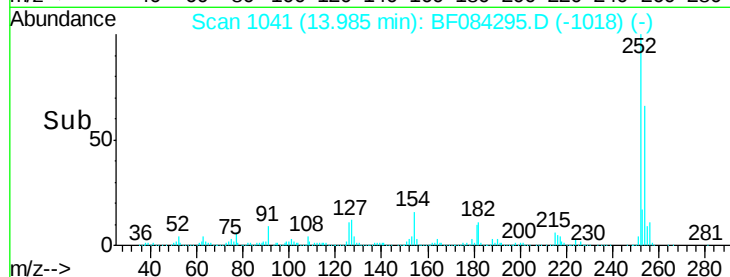
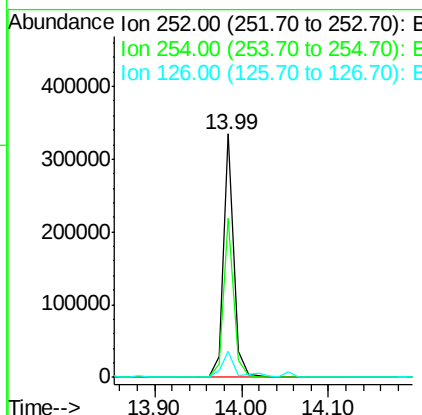
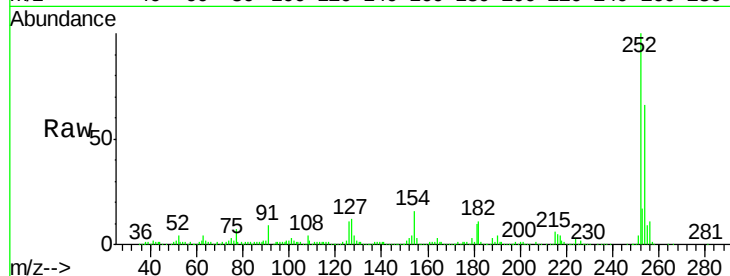
#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.71 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 65.6  | 53.5       | 80.3  |
| 126     | 10.8  | 4.9        | 7.3   |

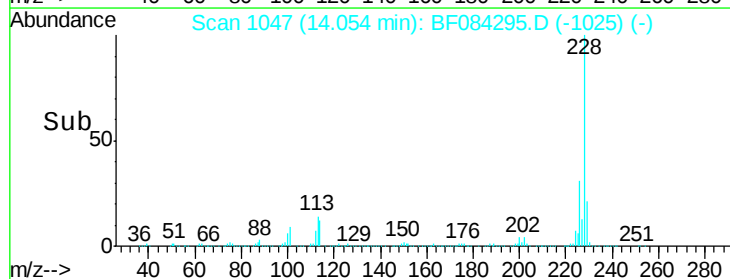
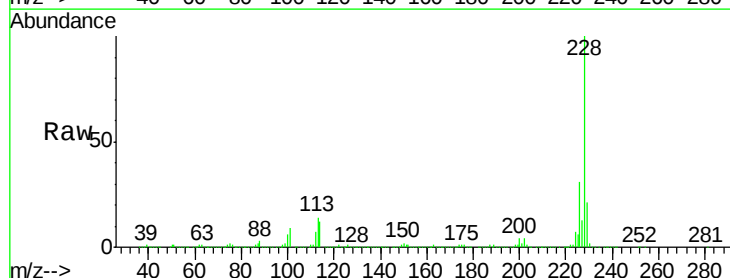
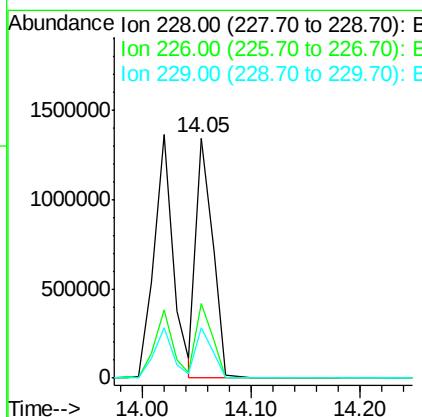
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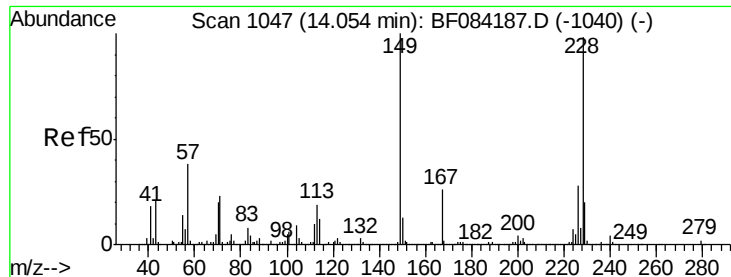
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#82  
 Chrysene  
 Concen: 36.59 ng  
 RT: 14.05 min Scan# 1047  
 Delta R.T. -0.05 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.2  | 24.3       | 36.5  |
| 229     | 21.2  | 16.1       | 24.1  |





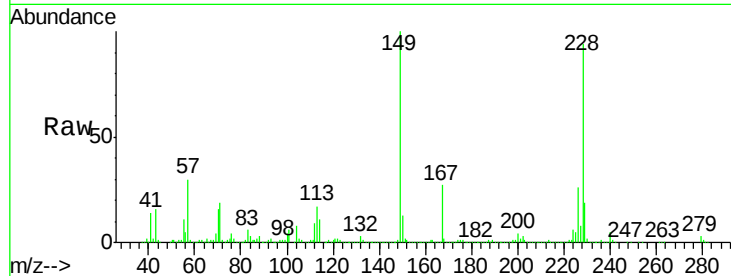
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.14 ng  
 RT: 14.02 min Scan# 1044  
 Delta R.T. -0.03 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TEP-MW-43MSD

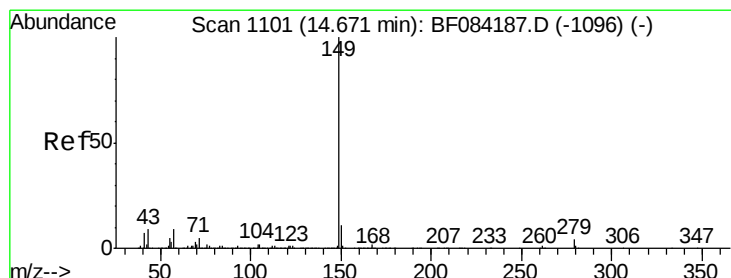
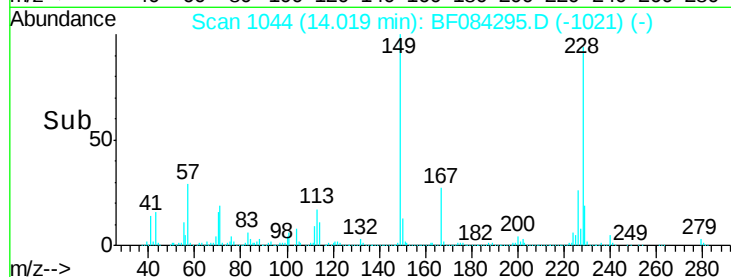
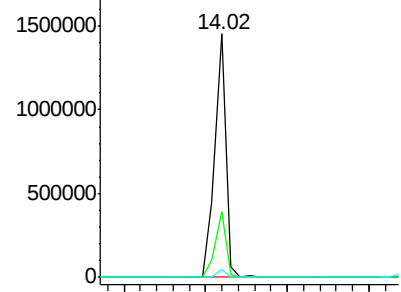
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.7  | 19.7  | 29.5  |
| 279     | 3.2   | 1.8   | 2.6   |

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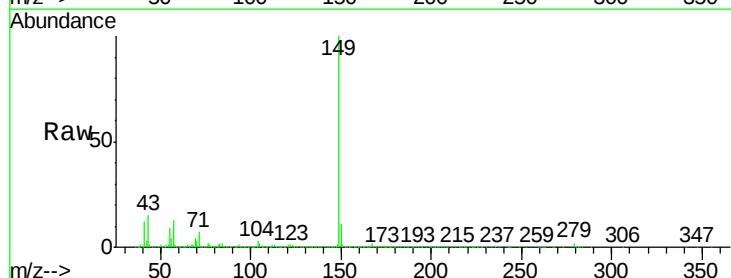


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

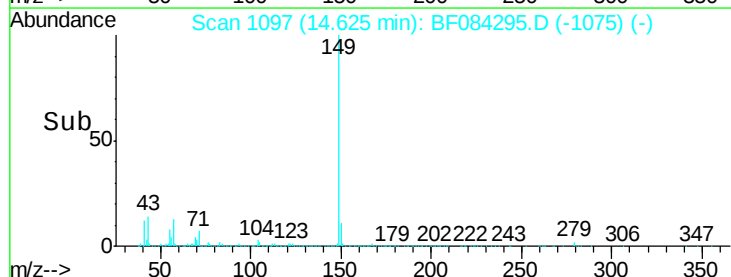
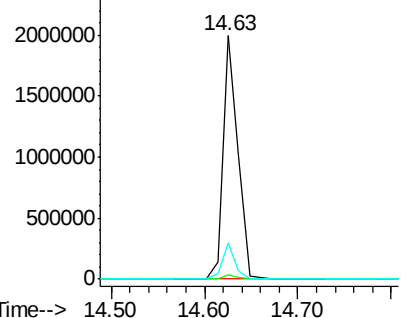


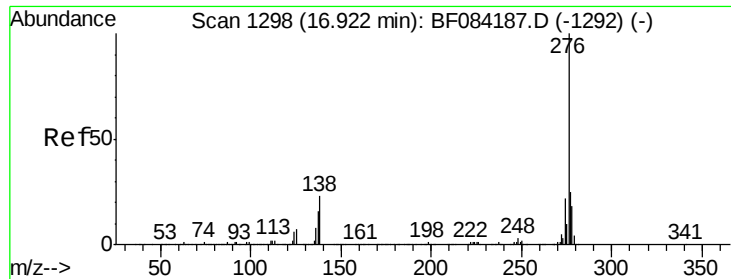
#84  
 Di-n-octyl phthalate  
 Concen: 43.19 ng  
 RT: 14.63 min Scan# 1097  
 Delta R.T. -0.05 min  
 Lab File: BF084295.D  
 Acq: 6 Jan 2016 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 12.2  | 5.6   | 8.4   |



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.24 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:276 Resp: 1572386

Ion Ratio Lower Upper

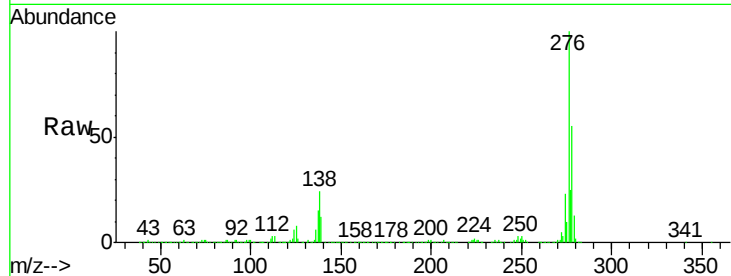
276 100

138 25.3 20.6 30.8

277 25.1 20.1 30.1

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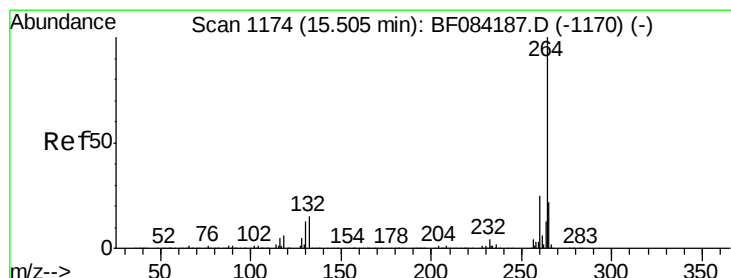
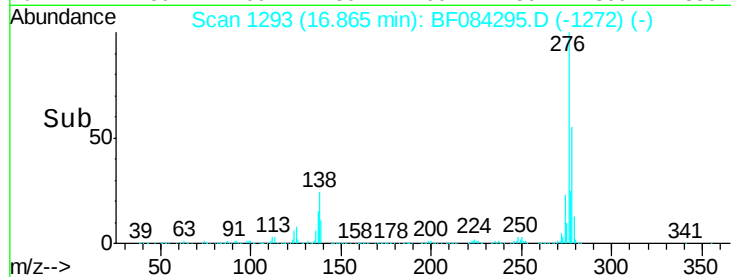
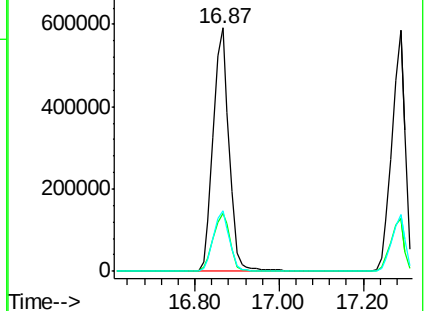
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Tgt Ion:264 Resp: 558833

Ion Ratio Lower Upper

264 100

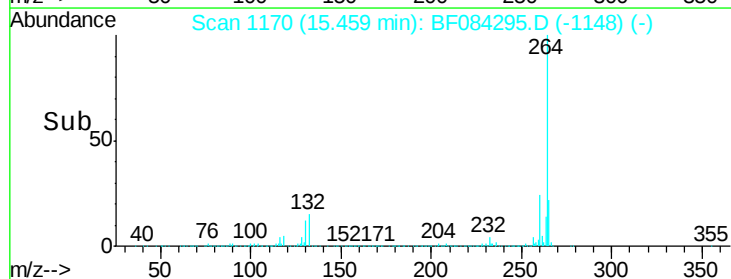
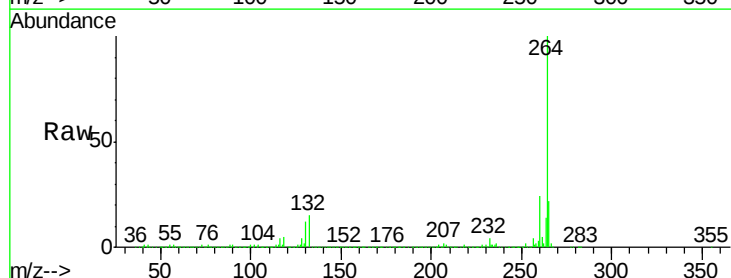
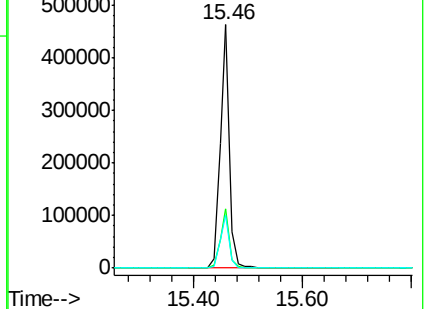
260 24.4 19.4 29.2

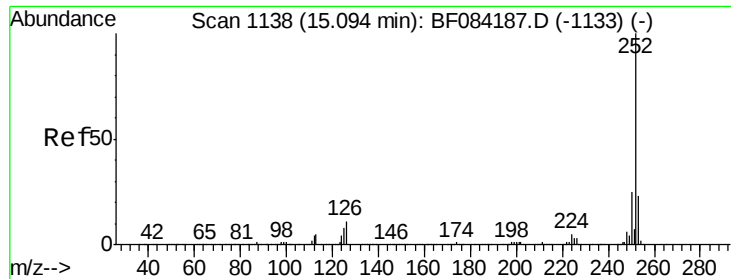
265 21.6 17.8 26.6

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: 40.11 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

Tot Ion:252 Resp: 1466287

Ion Ratio Lower Upper

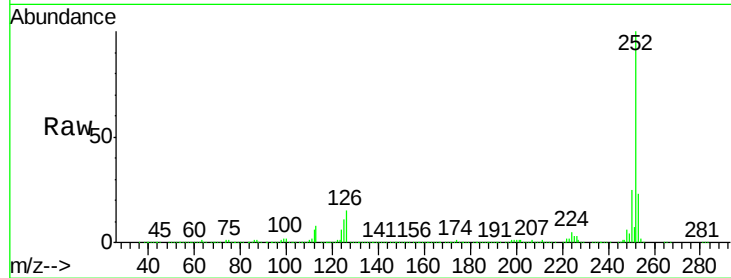
252 100

253 22.8 17.3 25.9

125 11.2 6.5 9.7#

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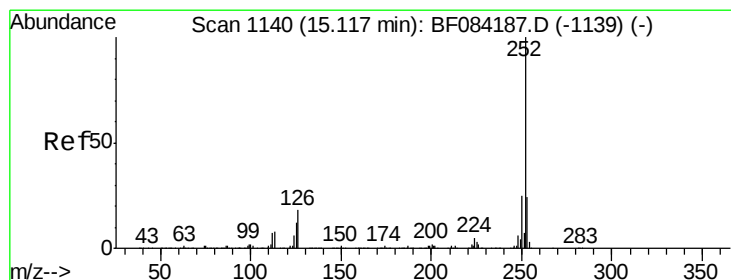
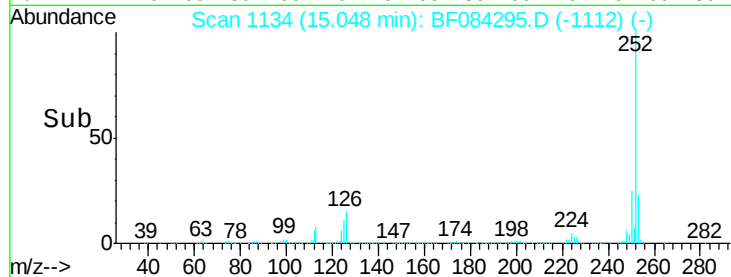
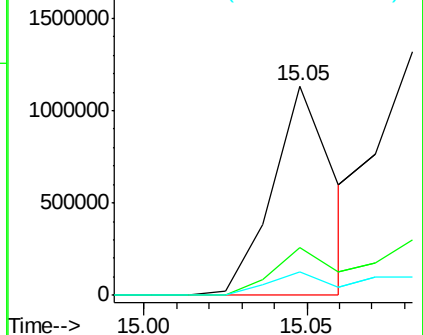
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.43 ng m

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

Tgt Ion:252 Resp: 1537678

Ion Ratio Lower Upper

252 100

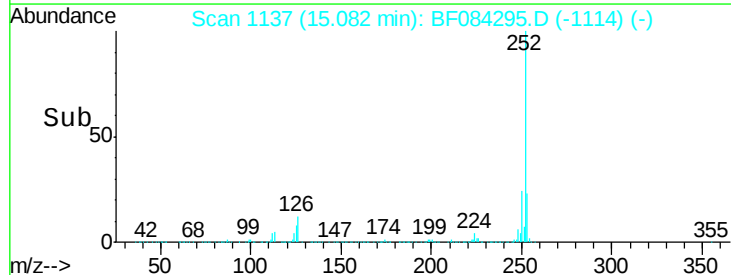
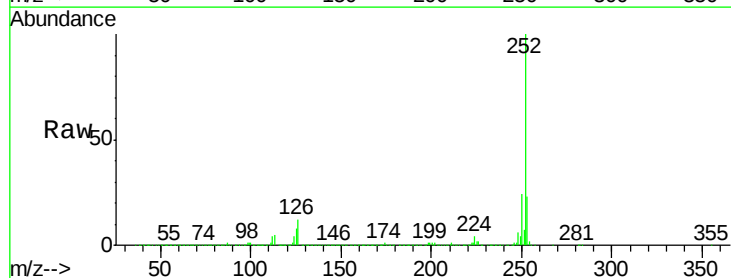
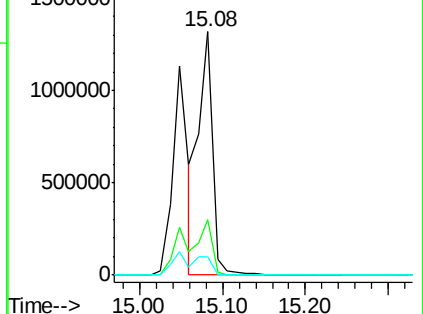
253 22.7 18.1 27.1

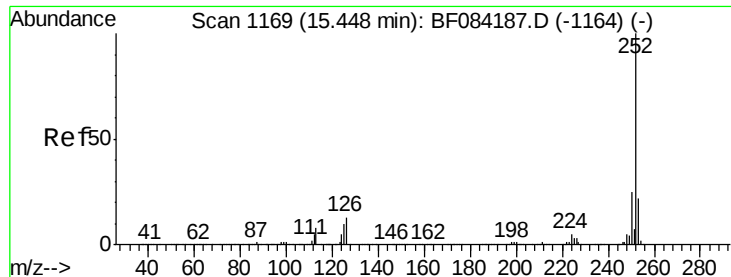
125 7.6 9.0 13.6#

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





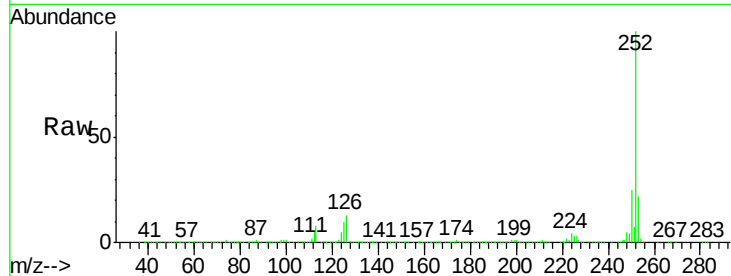
#89  
Benzo(a)pyrene  
Concen: 45.85 ng  
RT: 15.40 min Scan# 1165  
Delta R.T. -0.05 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Instrument :  
BNA\_F  
ClientSampleId :  
TEP-MW-43MSD

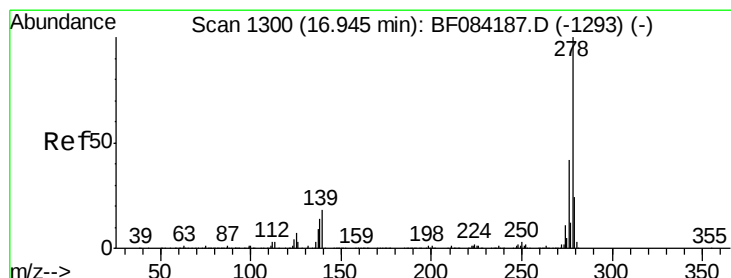
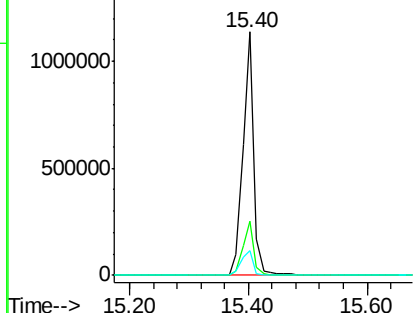
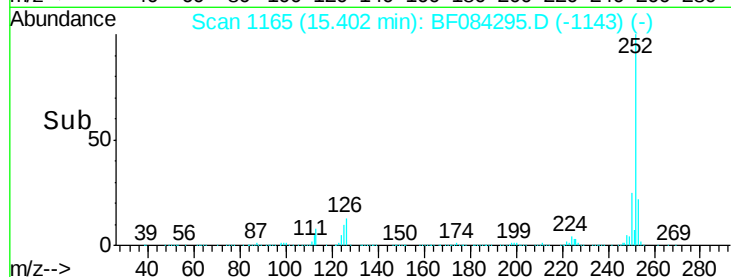
Tot Ion:252 Resp: 1421664  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.3 25.9  
125 10.0 7.0 10.4

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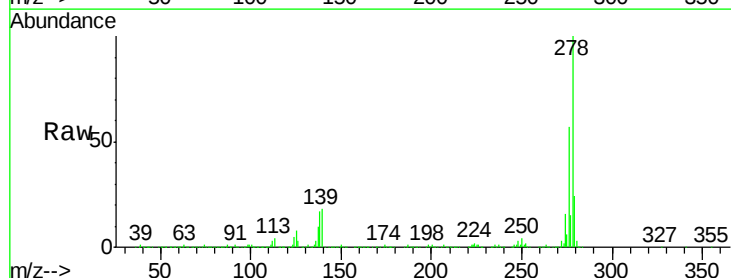


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

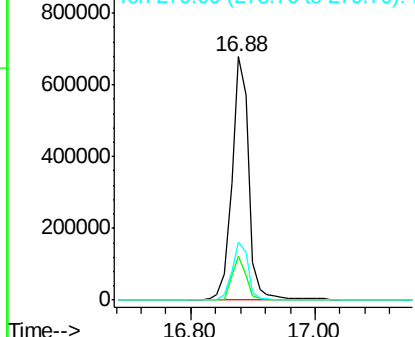
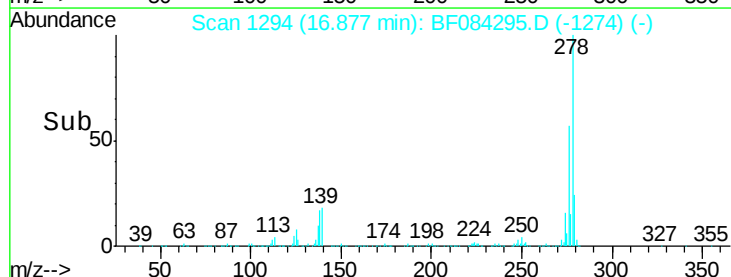


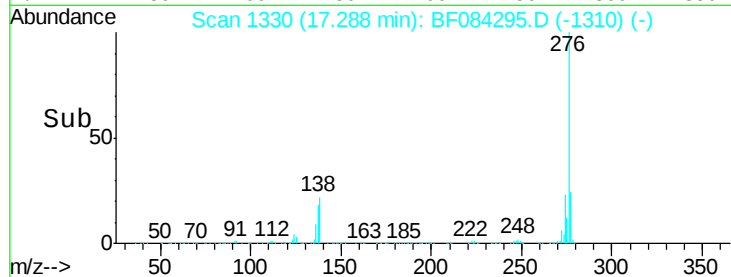
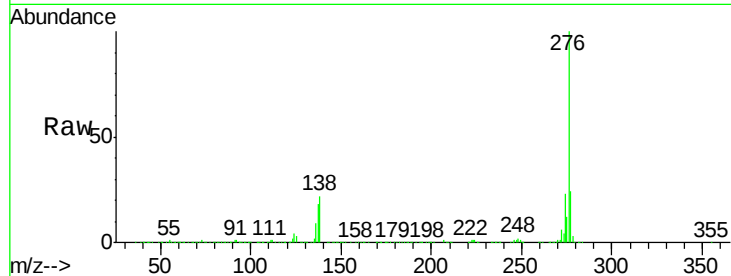
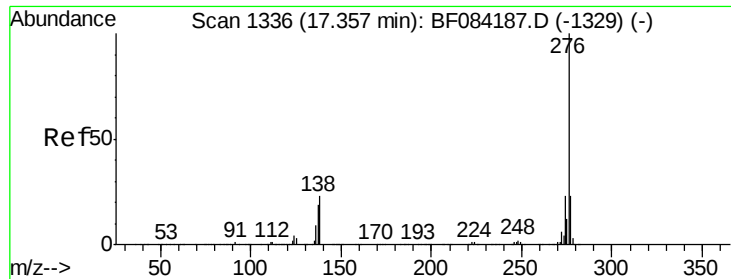
#90  
Dibenzo(a,h)anthracene  
Concen: 47.92 ng  
RT: 16.88 min Scan# 1294  
Delta R.T. -0.07 min  
Lab File: BF084295.D  
Acq: 6 Jan 2016 17:52

Tgt Ion:278 Resp: 1278581  
Ion Ratio Lower Upper  
278 100  
139 17.9 15.0 22.4  
279 23.8 18.9 28.3



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: 47.84 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF084295.D

Acq: 6 Jan 2016 17:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 276   | Resp: | 1321927 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 23.7  | 18.8  | 28.2    |
| 138       | 21.9  | 17.8  | 26.6    |

Instrument :

BNA\_F

ClientSampleId :

TEP-MW-43MSD

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