

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031816\  
 Data File : BF085562.D  
 Acq On : 19 Mar 2016 8:54  
 Operator : UM/SJ  
 Sample : H1804-05MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

Manual Integrations  
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 3/21/2016 5:08:11 PM

Quant Time: Mar 21 11:33:10 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 23:31:39 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 132160   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 529154   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.90  | 164  | 243323   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.37 | 188  | 448539   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.01 | 240  | 352162   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.43 | 264  | 249090   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 1055765 | 134.18 | ng | 0.01  |
| 7) Phenol-d6             | 6.49  | 99  | 1518152 | 150.44 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 961344  | 105.46 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 361279  | 151.58 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.22  | 172 | 1576599 | 124.99 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.96 | 244 | 1394020 | 95.26  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.53 | 88  | 150691  | 39.40  | ng | 99     |
| 3) Pyridine                    | 3.26 | 79  | 383706  | 40.85  | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.21 | 42  | 184955  | 47.17  | ng | 94     |
| 6) Aniline                     | 6.56 | 93  | 357607m | 26.38  | ng |        |
| 8) 2-Chlorophenol              | 6.64 | 128 | 426428  | 46.85  | ng | 96     |
| 9) Benzaldehyde                | 6.40 | 77  | 83206   | 14.36  | ng | 93     |
| 10) Phenol                     | 6.52 | 94  | 474121  | 41.25  | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 434246m | 50.11  | ng |        |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 440329m | 44.39  | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 442729  | 43.76  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 429511  | 47.81  | ng | 98     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 353006  | 51.07  | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 527675  | 46.31  | ng | 97     |
| 17) 2-Methylphenol             | 7.11 | 107 | 373296  | 49.47  | ng | 99     |
| 18) Hexachloroethane           | 7.36 | 117 | 166966  | 45.70  | ng | # 79   |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 312434  | 51.83  | ng | 98     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 400482  | 45.83  | ng | 94     |
| 22) Acetophenone               | 7.27 | 105 | 539566  | 42.97  | ng | # 98   |
| 24) Nitrobenzene               | 7.44 | 77  | 451852  | 45.28  | ng | 96     |
| 25) Isophorone                 | 7.68 | 82  | 863865  | 47.33  | ng | 97     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 262449  | 53.22  | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 384876  | 44.13  | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 547273  | 52.72  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 367836  | 51.08  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 367616  | 45.57  | ng | 97     |
| 31) Naphthalene                | 8.16 | 128 | 1172587 | 43.90  | ng | 100    |
| 32) Benzoic acid               | 7.86 | 122 | 33948   | 4.66   | ng | 97     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 146728  | 13.40  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.28 | 225 | 192409  | 44.75  | ng | 98     |
| 35) Caprolactam                | 8.60 | 113 | 123836m | 49.97  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 395712  | 47.05  | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 857662  | 52.68  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 307596  | 41.67  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.01 | 237 | 347270  | 104.39 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 23:31:39 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.13  | 196  | 251372   | 49.75  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.18  | 196  | 261007   | 50.76  | ng #  | 92       |
| 45) 1,1'-Biphenyl              | 9.32  | 154  | 879720   | 41.91  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.34  | 162  | 726743   | 47.40  | ng    | 92       |
| 47) 2-Nitroaniline             | 9.44  | 65   | 256518   | 55.30  | ng    | 98       |
| 48) Acenaphthylene             | 9.76  | 152  | 1242382  | 50.07  | ng    | 99       |
| 49) Dimethylphthalate          | 9.62  | 163  | 977414   | 53.23  | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.68  | 165  | 179451   | 46.29  | ng    | 97       |
| 51) Acenaphthene               | 9.93  | 154  | 814623   | 52.32  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.85  | 138  | 157473   | 32.44  | ng    | 85       |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 144067   | 60.67  | ng    | 97       |
| 54) Dibenzofuran               | 10.10 | 168  | 1058185  | 55.80  | ng    | 99       |
| 55) 4-Nitrophenol              | 10.02 | 139  | 382366   | 101.91 | ng    | 92       |
| 56) 2,4-Dinitrotoluene         | 10.09 | 165  | 284873   | 56.13  | ng    | 94       |
| 57) Fluorene                   | 10.45 | 166  | 798495   | 50.53  | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 200498   | 54.16  | ng    | 98       |
| 59) Diethylphthalate           | 10.32 | 149  | 819032   | 44.87  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.44 | 204  | 370913   | 48.06  | ng    | 93       |
| 61) 4-Nitroaniline             | 10.47 | 138  | 216356   | 45.21  | ng    | 95       |
| 62) Azobenzene                 | 10.60 | 77   | 916655   | 52.33  | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 134118   | 46.73  | ng    | 99       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 719309   | 51.48  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.93 | 248  | 243215   | 54.28  | ng    | 91       |
| 67) Hexachlorobenzene          | 11.00 | 284  | 255905   | 53.76  | ng #  | 89       |
| 68) Atrazine                   | 11.09 | 200  | 255266   | 60.01  | ng    | 99       |
| 69) Pentachlorophenol          | 11.19 | 266  | 288472   | 99.81  | ng    | 98       |
| 70) Phenanthrene               | 11.41 | 178  | 1249519  | 52.83  | ng    | 99       |
| 71) Anthracene                 | 11.45 | 178  | 1078385  | 43.49  | ng    | 100      |
| 72) Carbazole                  | 11.61 | 167  | 1150272  | 53.77  | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.94 | 149  | 1403846  | 52.40  | ng    | 99       |
| 74) Fluoranthene               | 12.58 | 202  | 1104961  | 44.62  | ng    | 97       |
| 76) Benzidine                  | 12.71 | 184  | 423388   | 35.75  | ng    | 99       |
| 77) Pyrene                     | 12.81 | 202  | 1110394  | 43.91  | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.43 | 149  | 525896   | 43.63  | ng #  | 73       |
| 80) Benzo(a)anthracene         | 14.00 | 228  | 952626   | 46.60  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 205537   | 27.43  | ng #  | 96       |
| 82) Chrysene                   | 14.04 | 228  | 769489   | 39.12  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 650868   | 43.47  | ng #  | 98       |
| 84) Di-n-octyl phthalate       | 14.61 | 149  | 1152786  | 47.24  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 740837   | 45.08  | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 15.03 | 252  | 806259   | 49.61  | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 15.05 | 252  | 729767m  | 54.50  | ng    |          |
| 89) Benzo(a)pyrene             | 15.39 | 252  | 723664   | 52.52  | ng #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 16.85 | 278  | 614843   | 53.50  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.26 | 276  | 611915   | 55.01  | ng    | 97       |

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

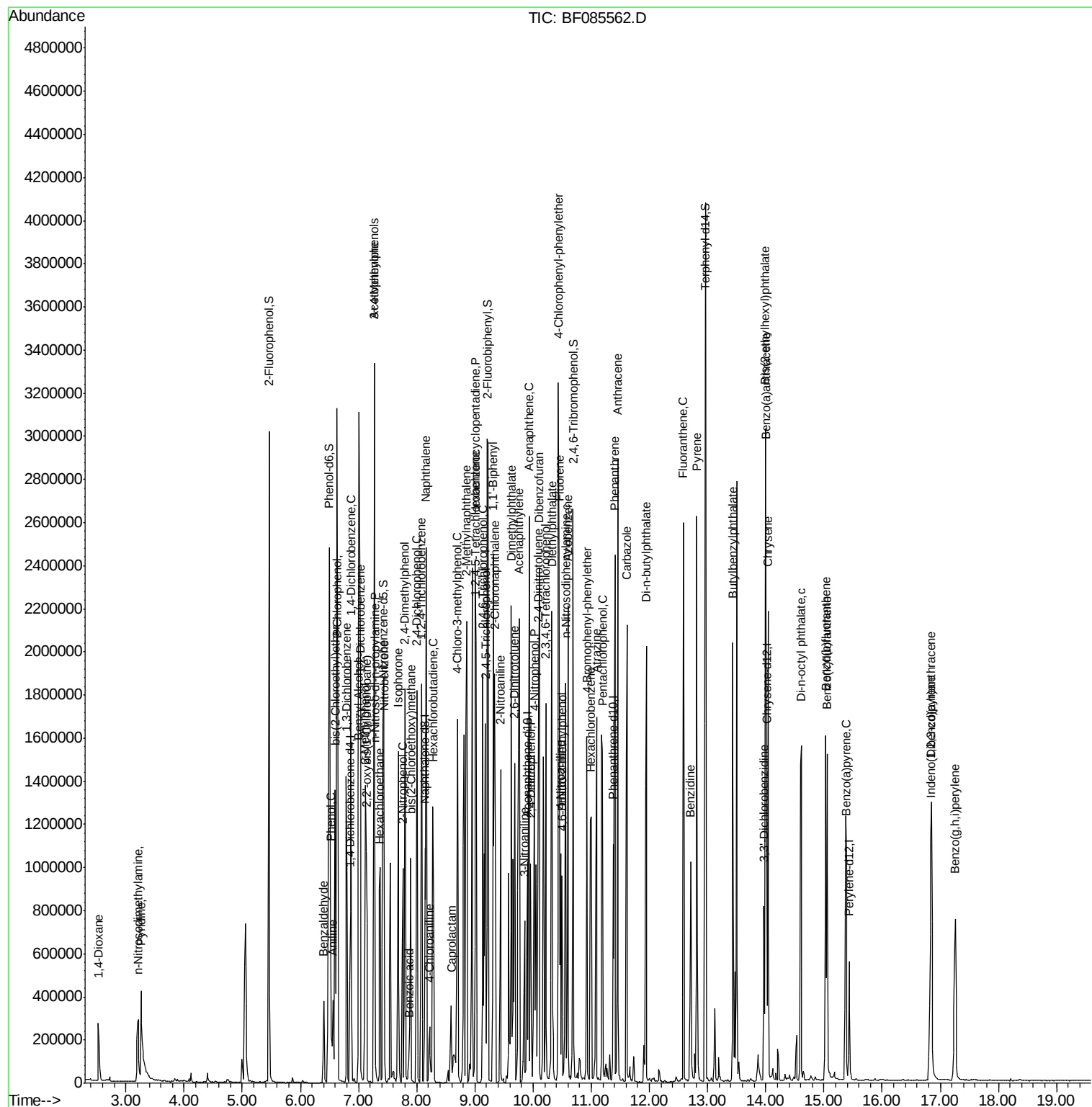
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031816\  
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 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

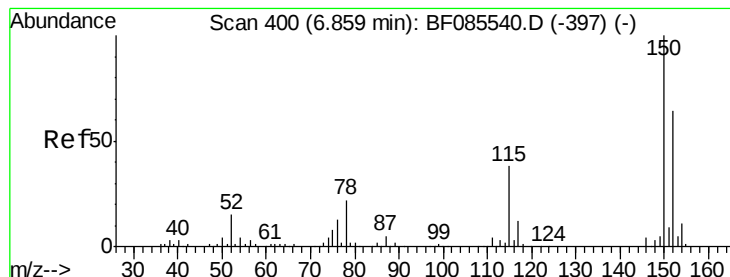
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

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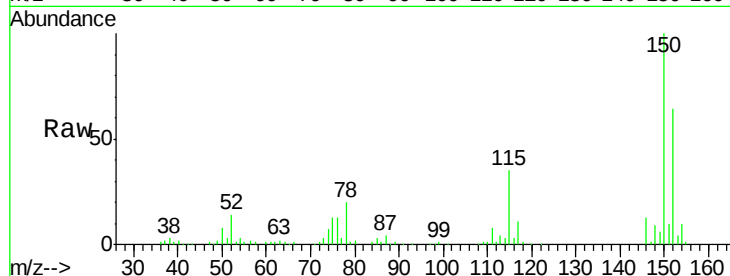
Quant Time: Mar 21 11:33:10 2016  
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#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.86 min Scan# 400  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

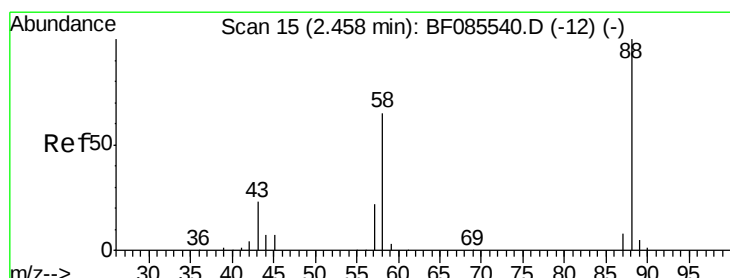
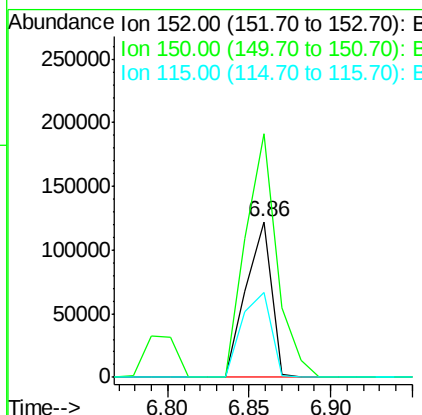
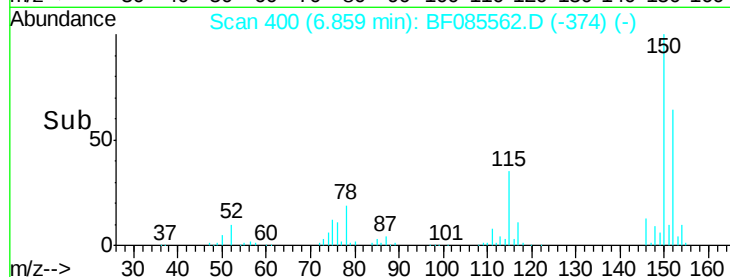
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 124.2 | 186.2 |
| 115     | 55.0  | 47.0  | 70.6  |

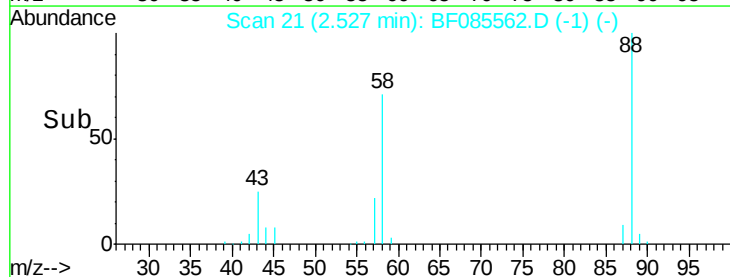
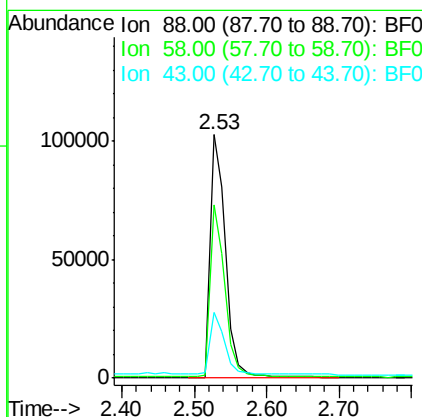
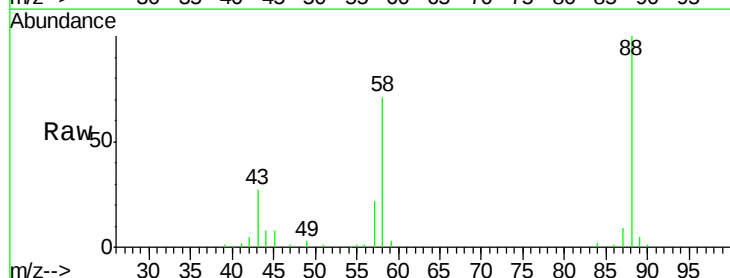
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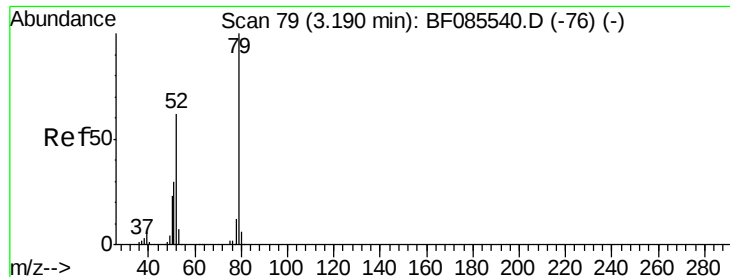
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#2  
 1,4-Dioxane  
 Concen: 39.40 ng  
 RT: 2.53 min Scan# 21  
 Delta R.T. 0.07 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 66.8  | 54.2  | 81.2  |
| 43      | 23.9  | 19.3  | 28.9  |





#3

Pyridine

Concen: 40.85 ng

RT: 3.26 min Scan# 85

Delta R.T. 0.07 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

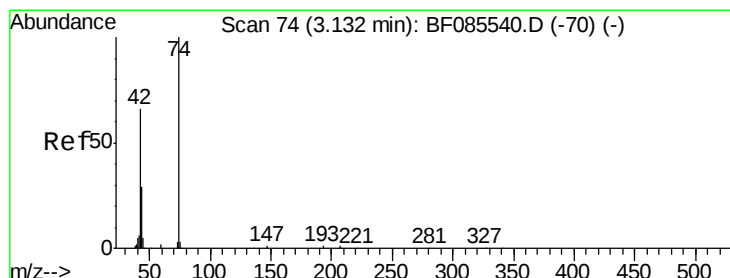
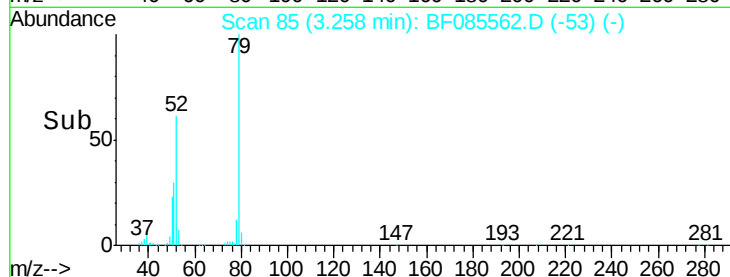
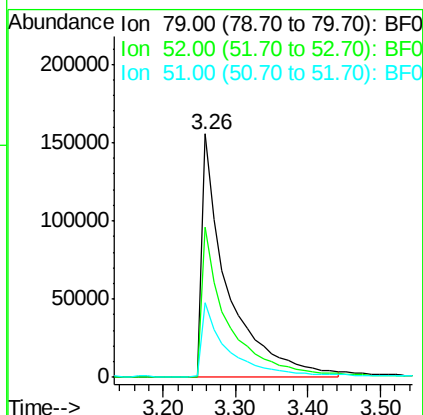
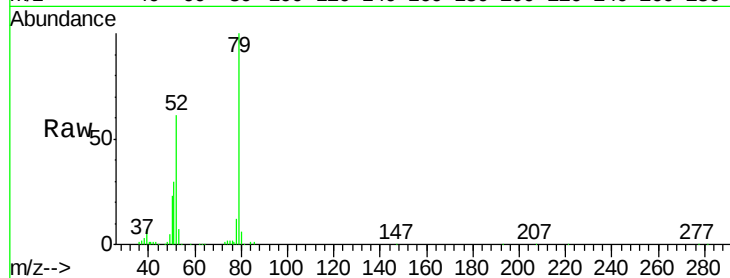
ClientSampleId :

TRACK-D-GRID-8CMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 79   | Resp: | 383706 |
| Ion Ratio |      | Lower | Upper  |
| 79        | 100  |       |        |
| 52        | 61.5 | 49.8  | 74.6   |
| 51        | 30.4 | 24.7  | 37.1   |

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#4

n-Nitrosodimethylamine

Concen: 47.17 ng

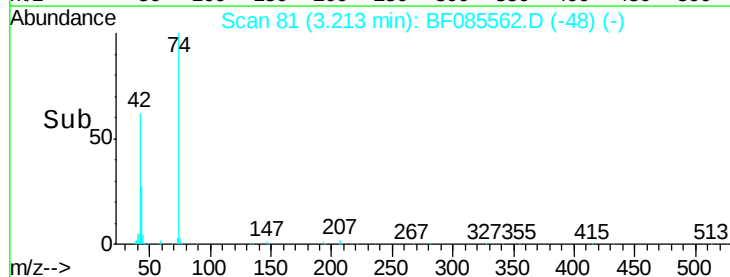
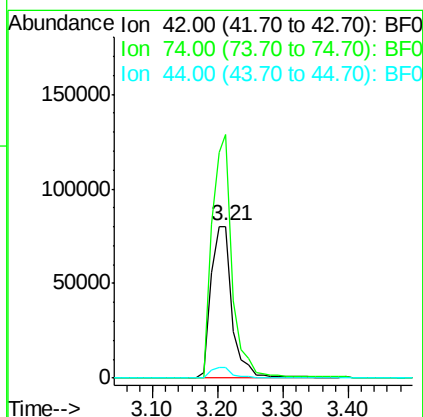
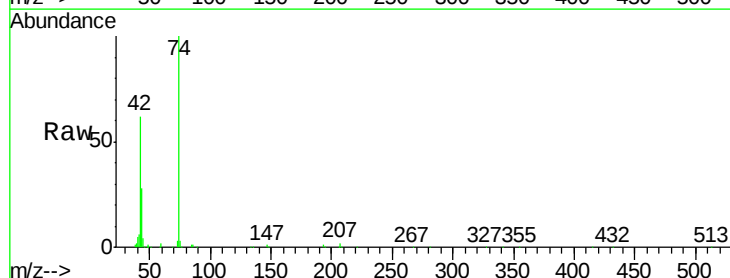
RT: 3.21 min Scan# 81

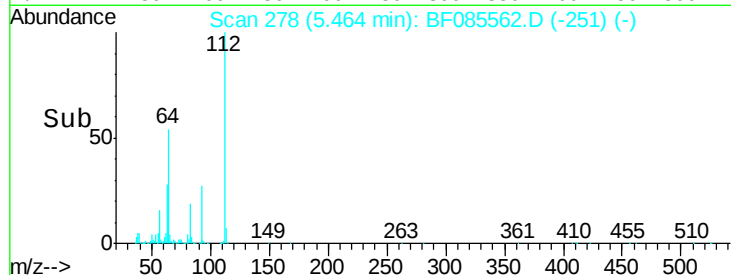
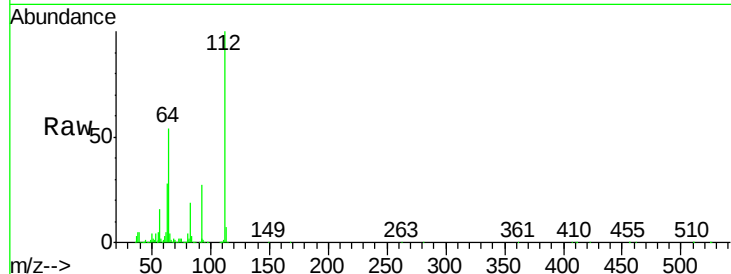
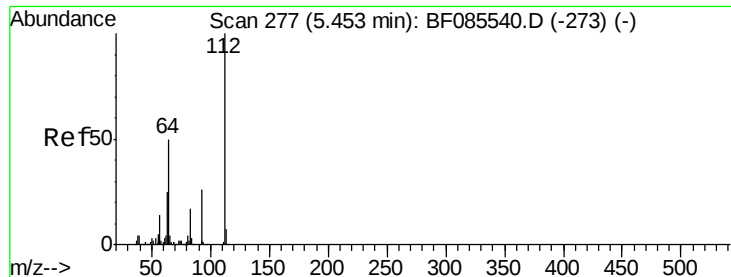
Delta R.T. 0.08 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 184955 |
| Ion Ratio |       | Lower | Upper  |
| 42        | 100   |       |        |
| 74        | 160.1 | 121.4 | 182.2  |
| 44        | 7.0   | 5.6   | 8.4    |





#5

2-Fluorophenol

Concen: 134.18 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085562.D

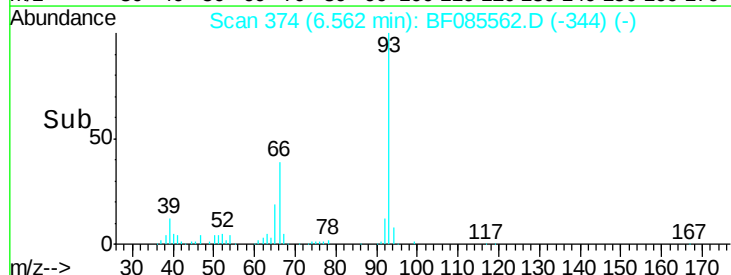
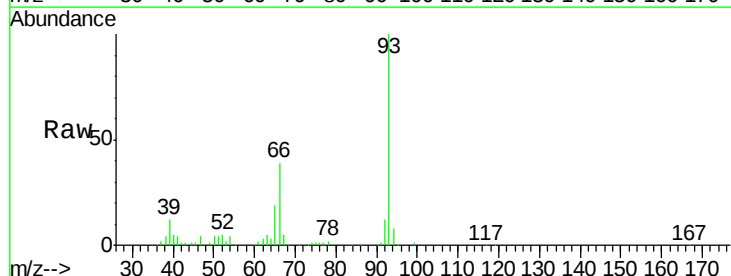
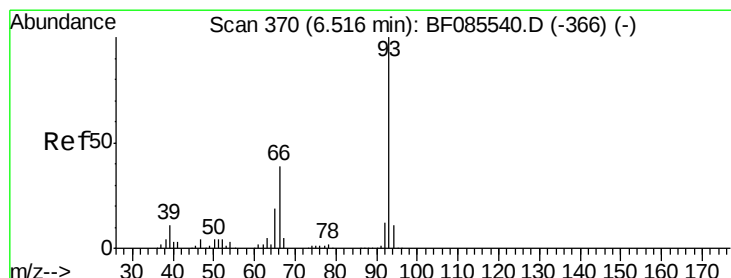
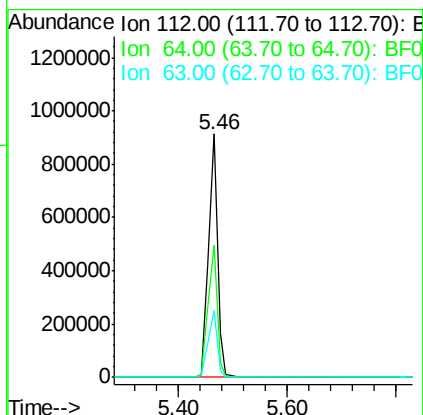
Acq: 19 Mar 2016 8:54

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1055765 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 54.4  | 39.9  | 59.9    |
| 63       | 27.7  | 20.2  | 30.2    |

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#6

Aniline

Concen: 26.38 ng m

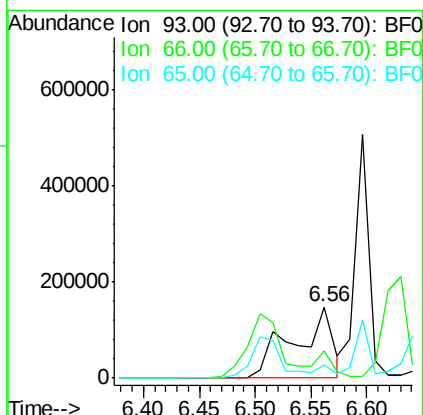
RT: 6.56 min Scan# 374

Delta R.T. 0.05 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 357607 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 38.7  | 31.4  | 47.2   |
| 65       | 19.0  | 15.7  | 23.5   |





#7

Phenol-d6

Concen: 150.44 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085562.D

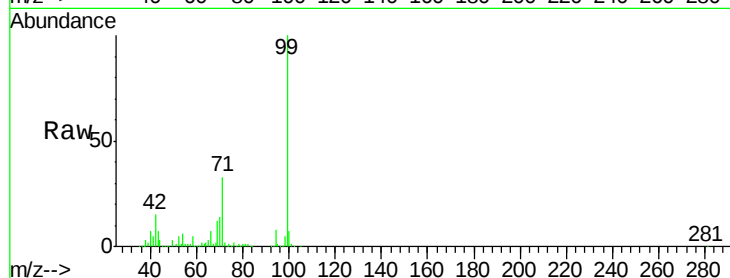
Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

TRACK-D-GRID-8CMS



Tgt Ion: 99 Resp: 1518152

Ion Ratio Lower Upper

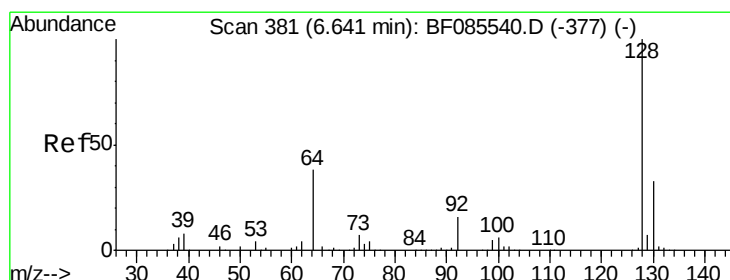
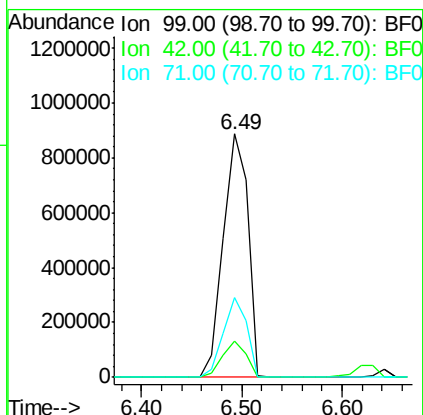
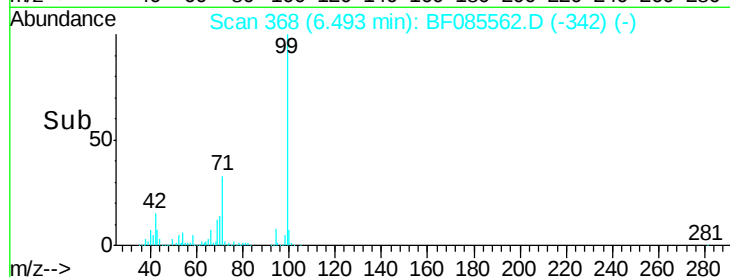
99 100

42 15.0 11.1 16.7

71 32.5 24.9 37.3

Manual Integrations  
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3/21/2016 5:08:11 PM



#8

2-Chlorophenol

Concen: 46.85 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

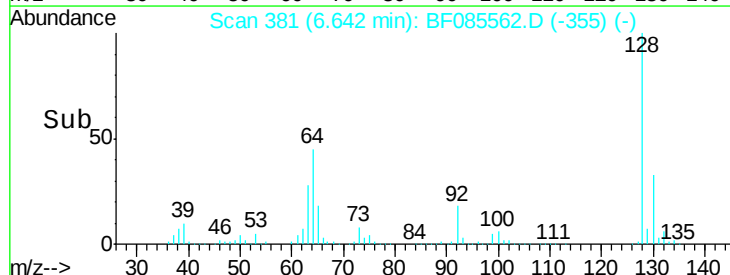
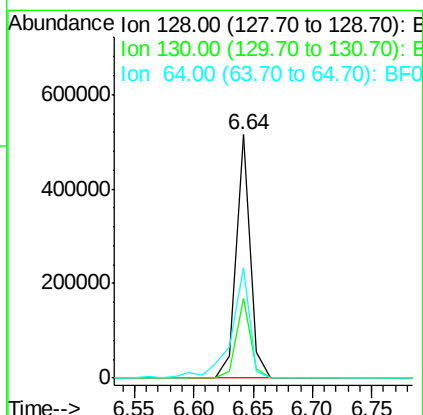
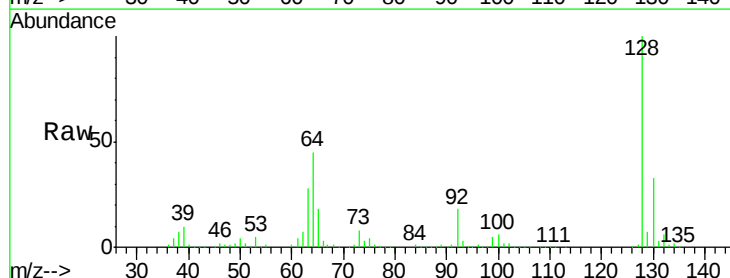
Tgt Ion: 128 Resp: 426428

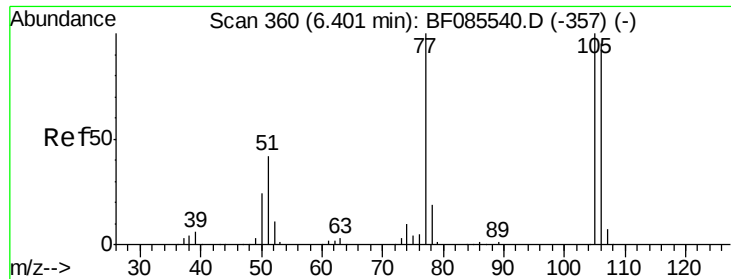
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 45.1 20.2 60.2





#9

Benzaldehyde

Concen: 14.36 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

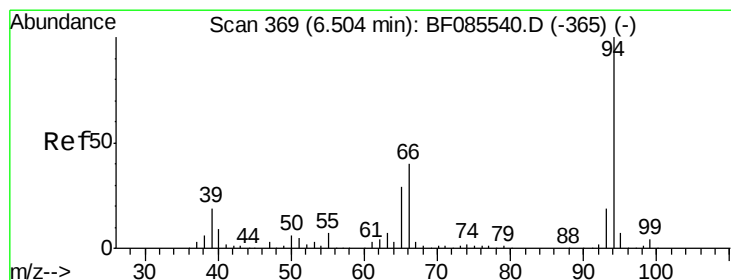
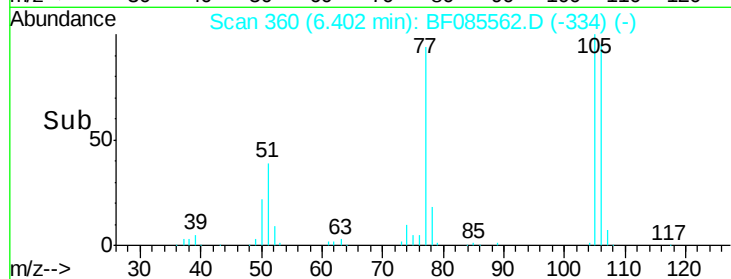
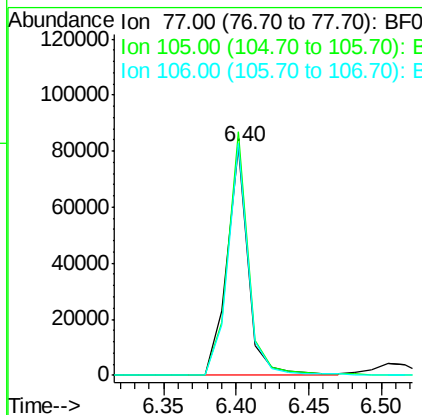
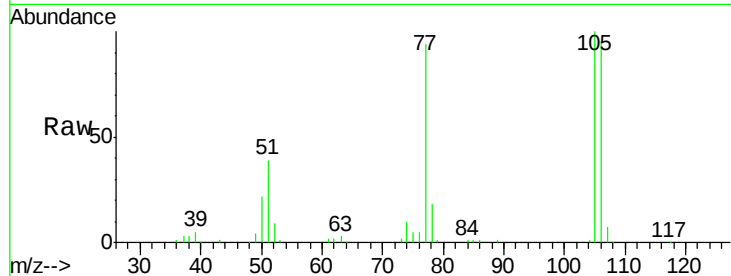
TRACK-D-GRID-8CMS

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 83206 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 106.6 | 80.1  | 120.1 |
| 106       | 101.4 | 75.0  | 115.0 |



#10

Phenol

Concen: 41.25 ng

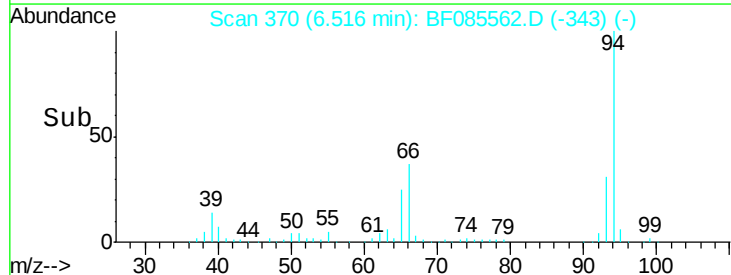
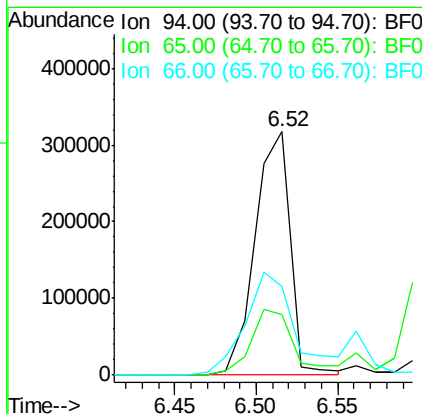
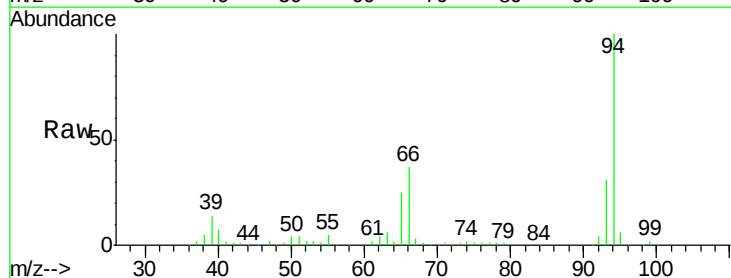
RT: 6.52 min Scan# 370

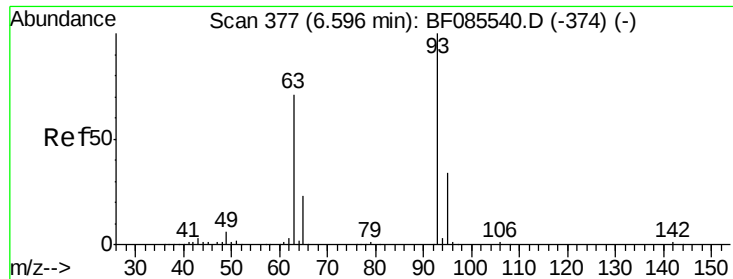
Delta R.T. 0.01 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 474121 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 24.9  | 8.6   | 48.6   |
| 66        | 36.5  | 20.0  | 60.0   |





#11

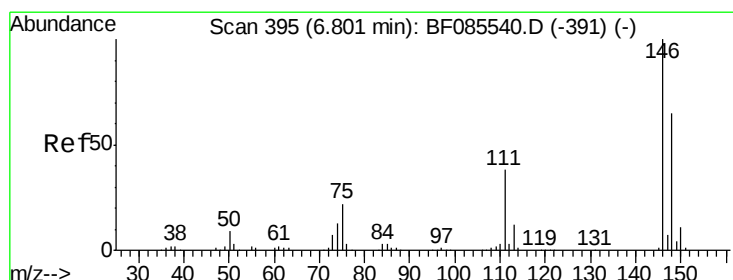
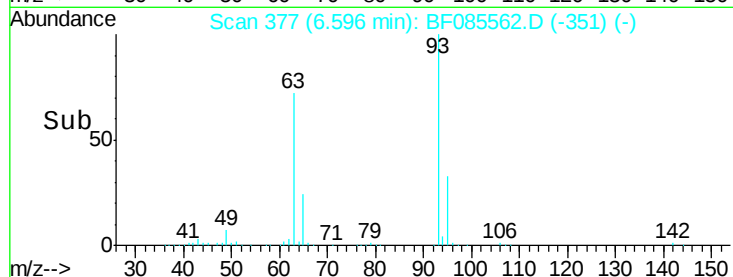
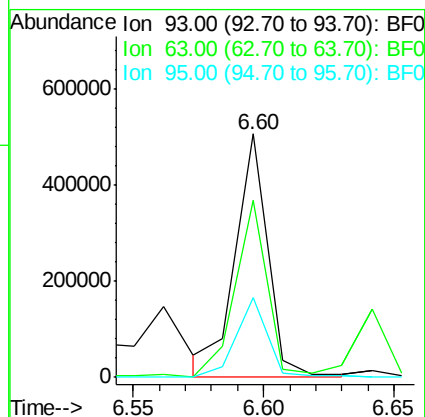
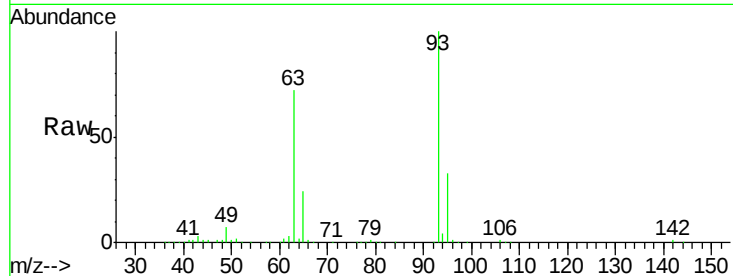
bis(2-Chloroethyl)ether  
Concen: 50.11 ng m  
RT: 6.60 min Scan# 377  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 434246 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.5  | 50.9  | 90.9   |
| 95        | 32.6  | 13.3  | 53.3   |

Manual Integrations  
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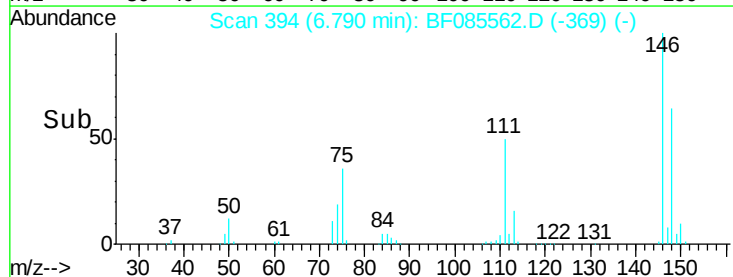
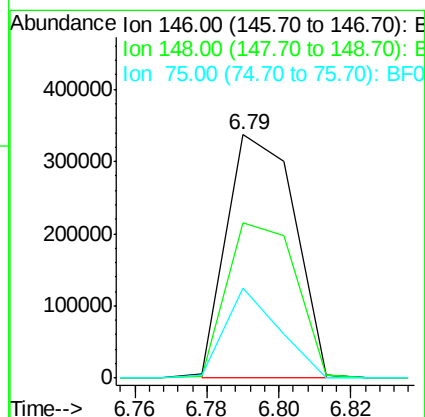
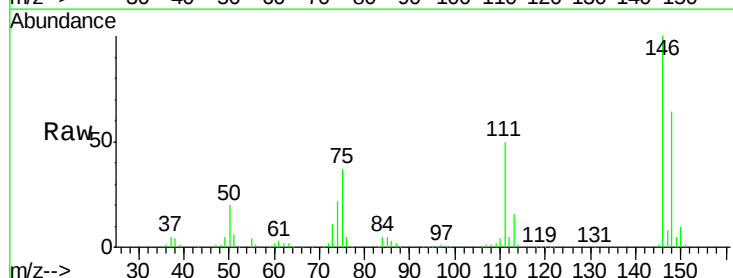
apatel  
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#12

1,3-Dichlorobenzene  
Concen: 44.39 ng m  
RT: 6.79 min Scan# 394  
Delta R.T. -0.01 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 440329 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 52.3  | 78.5   |
| 75        | 37.1  | 17.4  | 26.2#  |





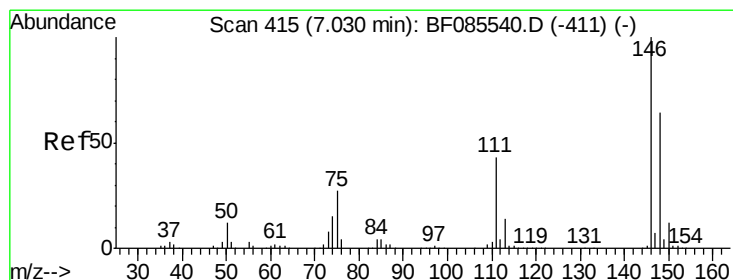
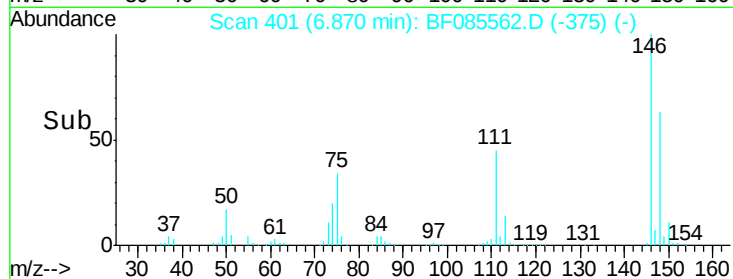
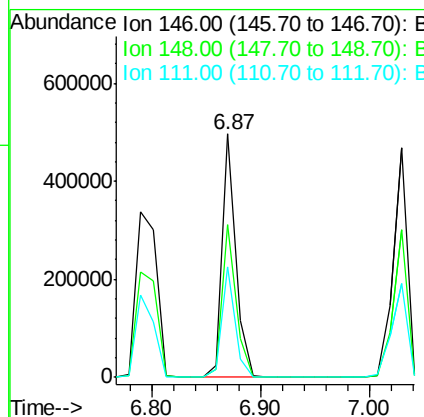
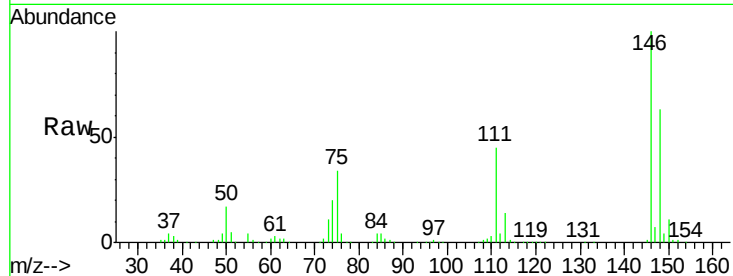
#13  
 1,4-Dichlorobenzene  
 Concen: 43.76 ng  
 RT: 6.87 min Scan# 401  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.9  | 50.6  | 76.0  |
| 111     | 45.3  | 37.8  | 56.6  |

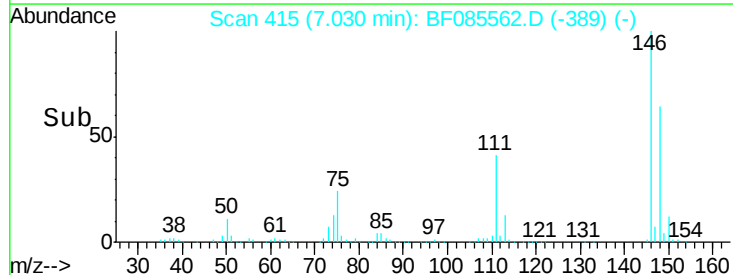
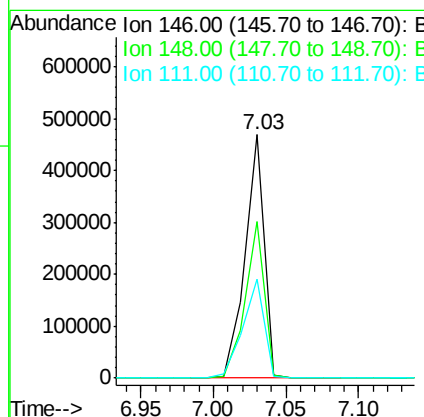
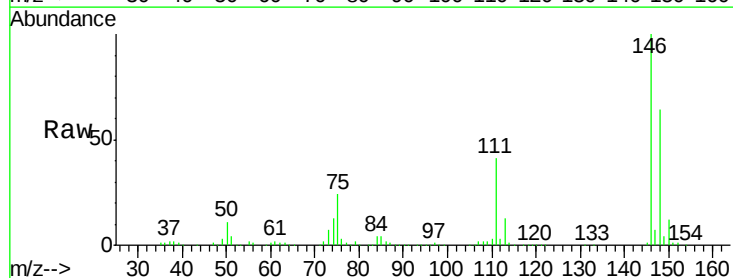
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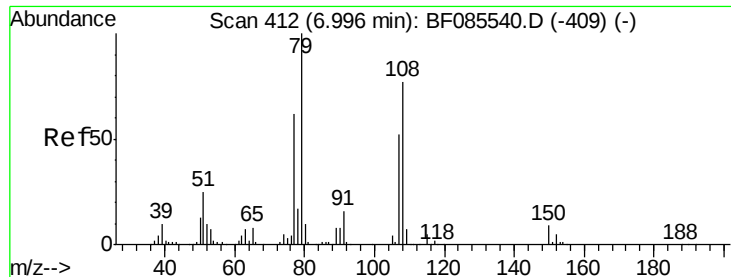
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#14  
 1,2-Dichlorobenzene  
 Concen: 47.81 ng  
 RT: 7.03 min Scan# 415  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.4  | 77.2  |
| 111     | 40.7  | 34.6  | 52.0  |





#15

Benzyl Alcohol

Concen: 51.07 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

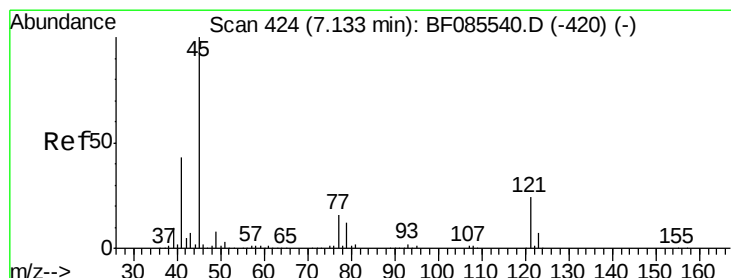
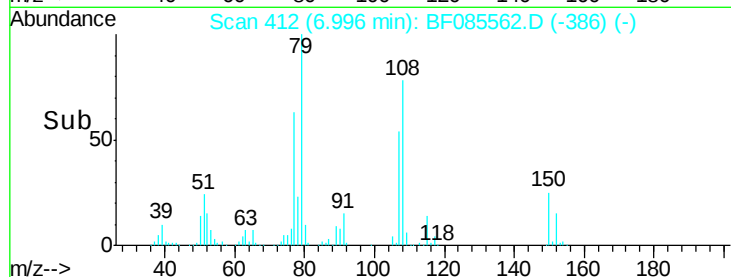
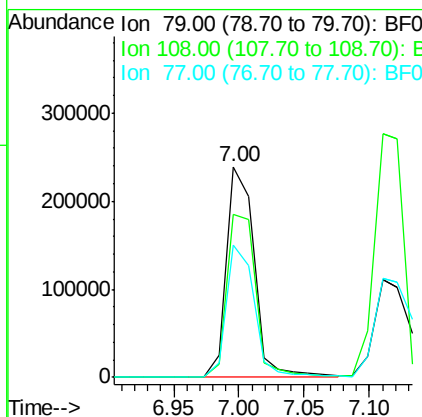
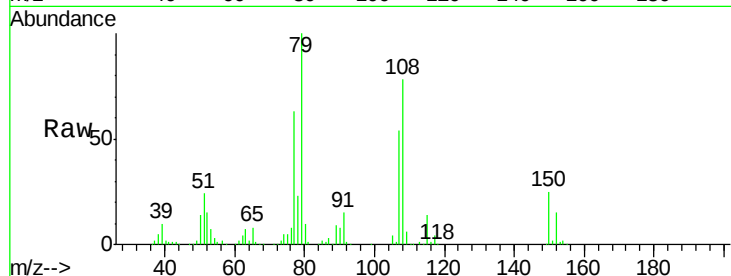
ClientSampleId :

TRACK-D-GRID-8CMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 353006 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.5  | 61.8  | 92.6   |
| 77        | 62.9  | 49.6  | 74.4   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.31 ng

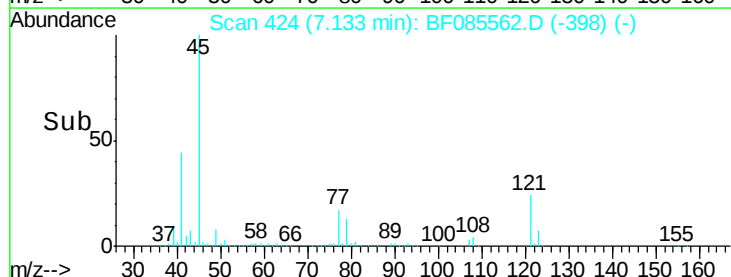
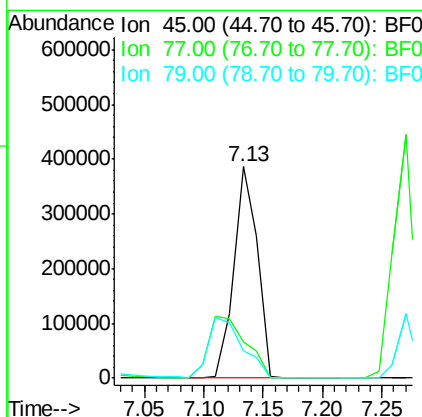
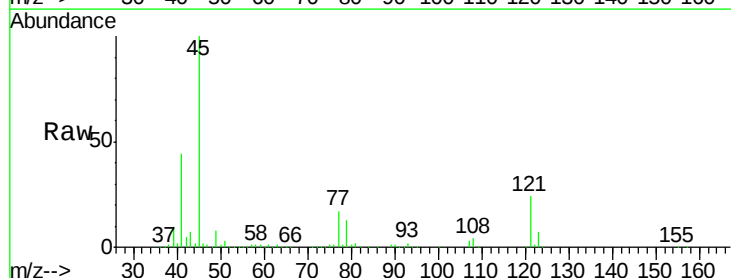
RT: 7.13 min Scan# 424

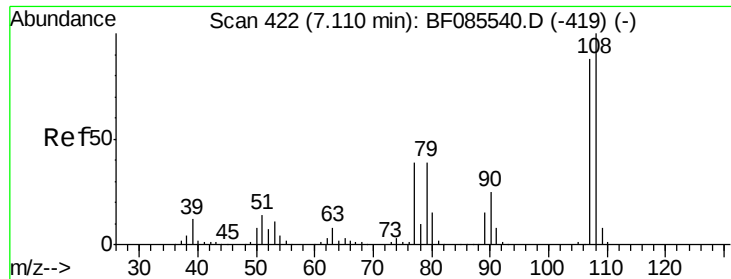
Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 527675 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 17.2  | 0.0   | 35.7   |
| 79        | 12.9  | 0.0   | 32.2   |





#17

2-Methylphenol

Concen: 49.47 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085562.D

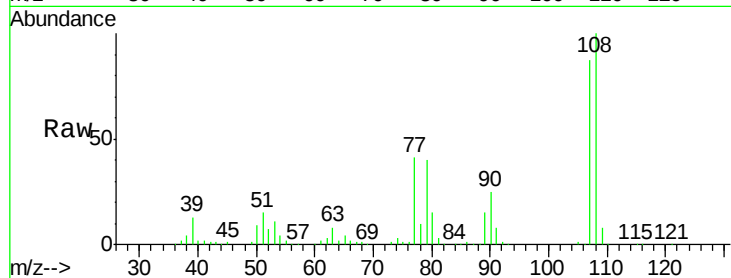
Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

TRACK-D-GRID-8CMS



Tgt Ion:107 Resp: 373296

Ion Ratio Lower Upper

107 100

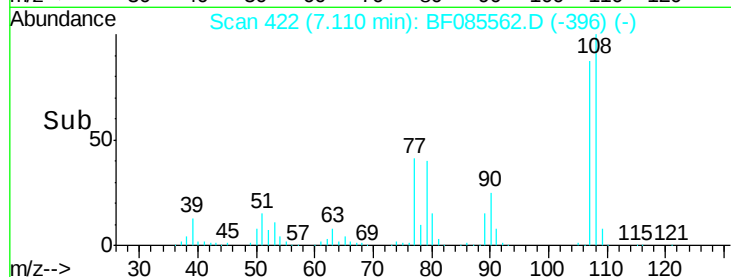
108 114.4 91.4 137.0

77 46.6 36.2 54.2

79 45.9 35.8 53.8

Manual Integrations  
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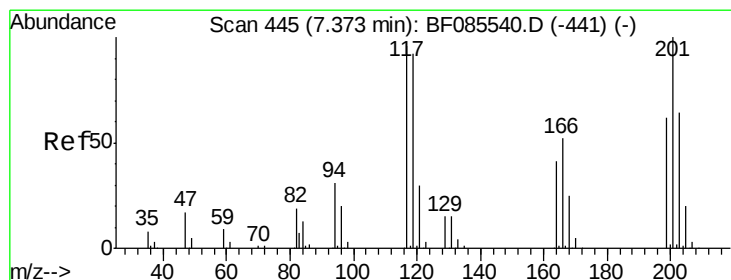
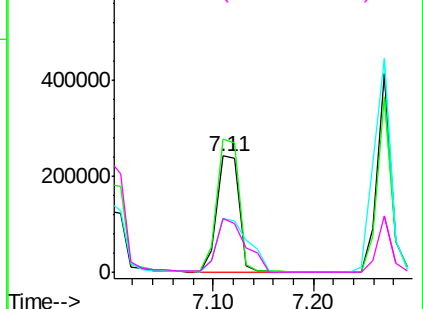


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.70 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

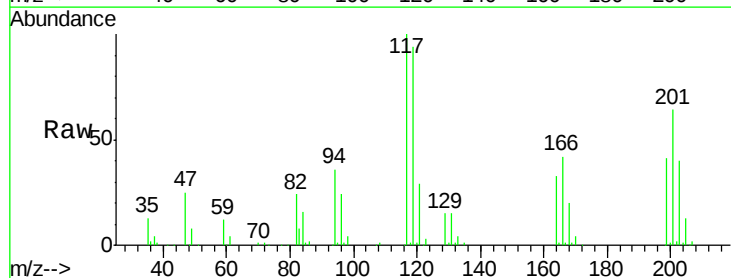
Tgt Ion:117 Resp: 166966

Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

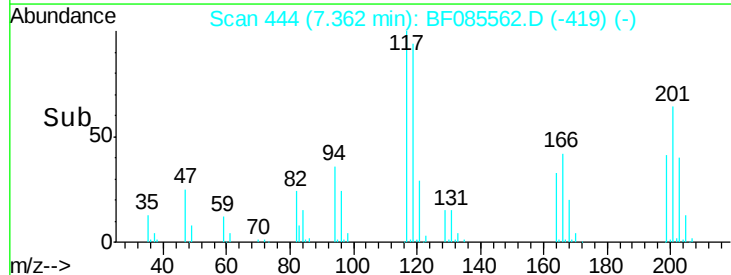
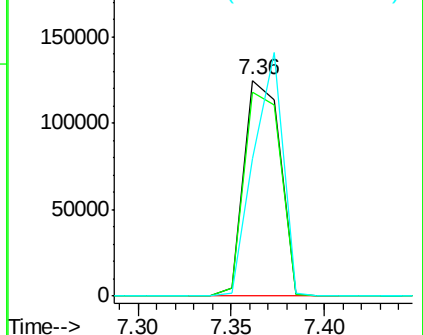
201 63.7 83.3 124.9#

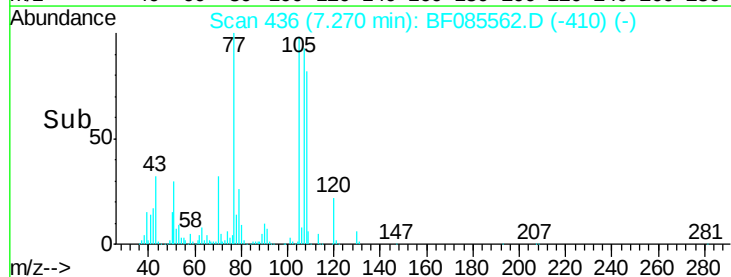
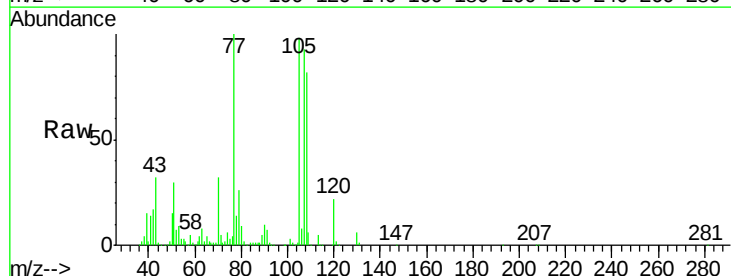
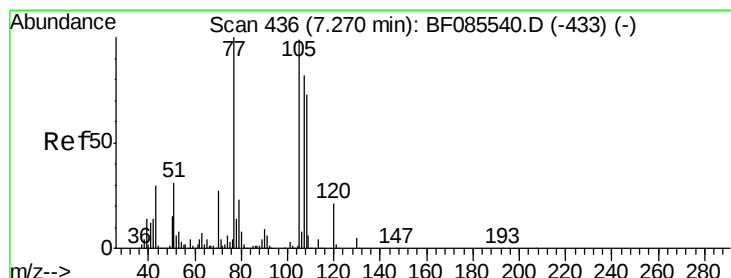
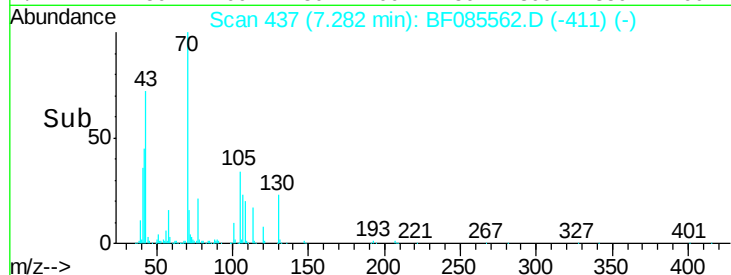
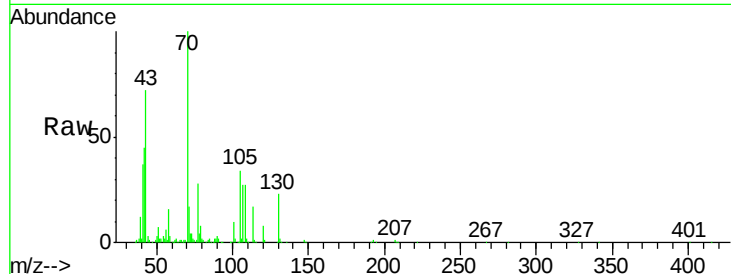
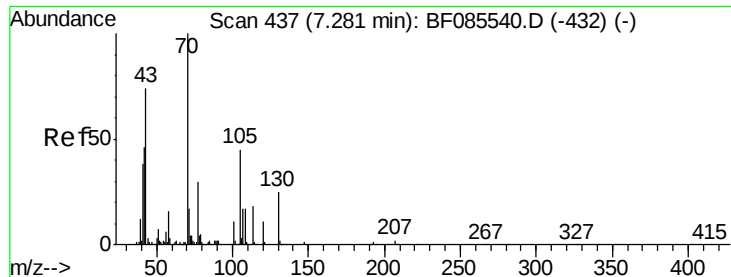


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





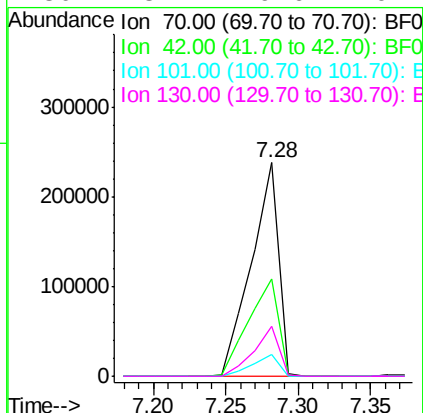
#19  
n-Nitroso-di-n-propylamine  
Concen: 51.83 ng  
RT: 7.28 min Scan# 437  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.5  | 37.1  | 55.7  |
| 101     | 10.3  | 8.6   | 12.8  |
| 130     | 23.2  | 19.6  | 29.4  |

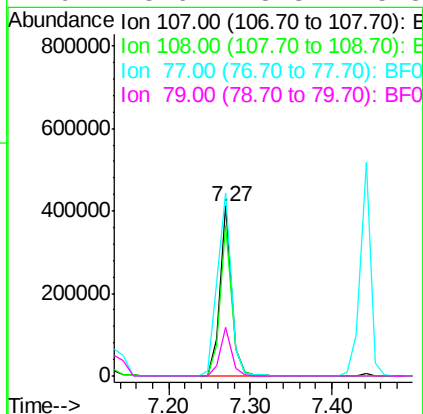
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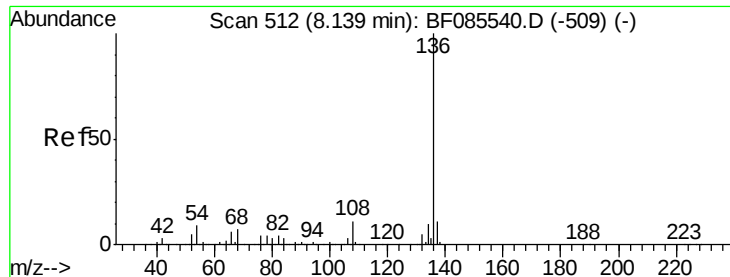
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#20  
3+4-Methylphenols  
Concen: 45.83 ng  
RT: 7.27 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.8  | 69.3  | 109.3 |
| 77      | 108.0 | 101.7 | 141.7 |
| 79      | 28.6  | 8.3   | 48.3  |





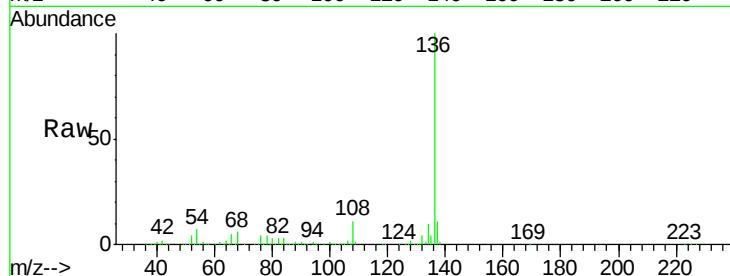
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.14 min Scan# 512  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

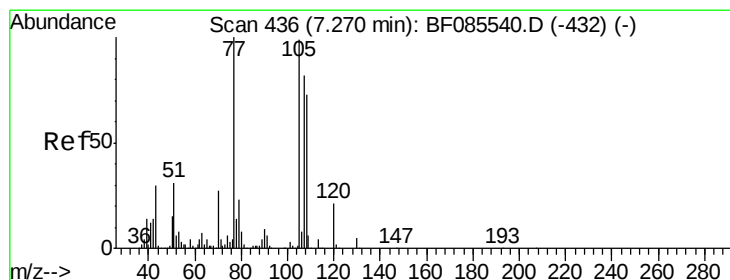
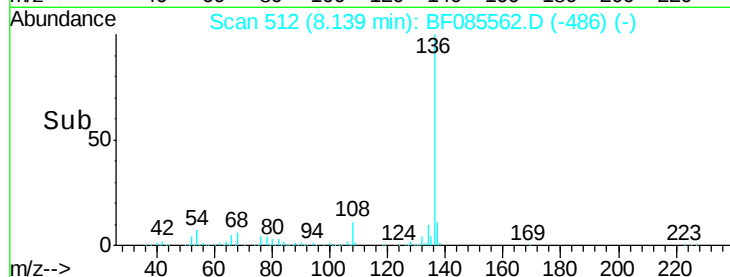
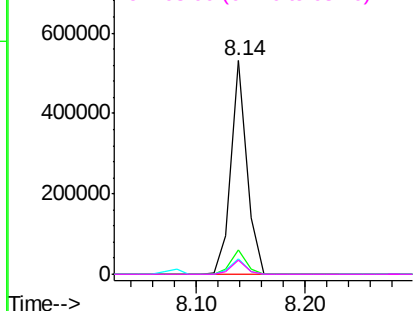
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 529154 |       |       |
| 137     | 11.2  | 9.1    | 13.7  |       |
| 54      | 7.5   | 7.4    | 11.0  |       |
| 68      | 6.3   | 5.8    | 8.8   |       |

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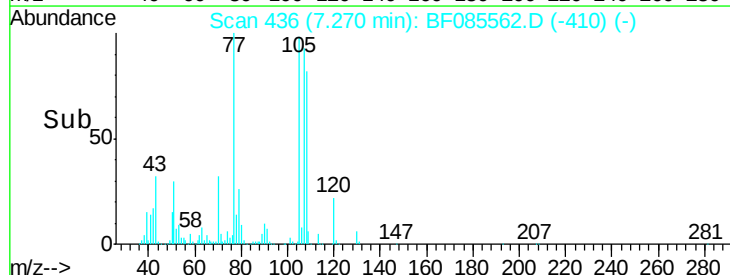
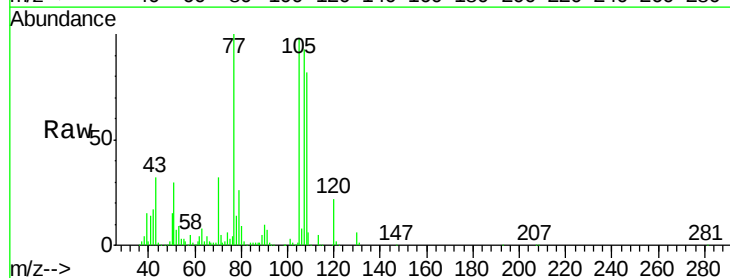
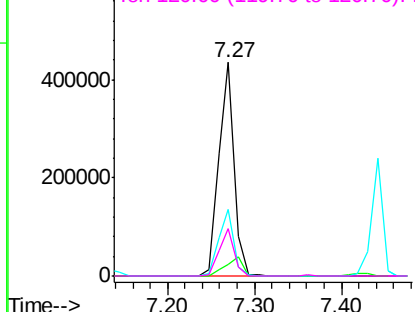
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

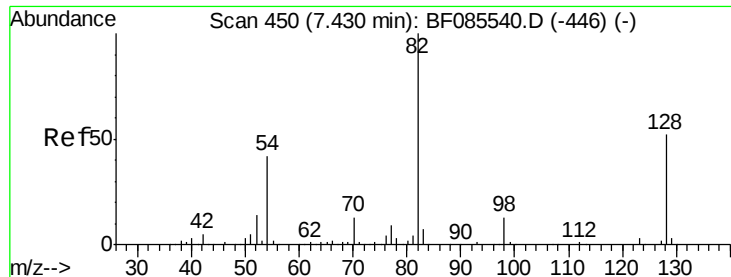


#22  
Acetophenone  
Concen: 42.97 ng  
RT: 7.27 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 539566 |       |       |
| 71      | 5.4   | 3.6    | 5.4#  |       |
| 51      | 31.0  | 25.4   | 38.0  |       |
| 120     | 22.0  | 16.9   | 25.3  |       |

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





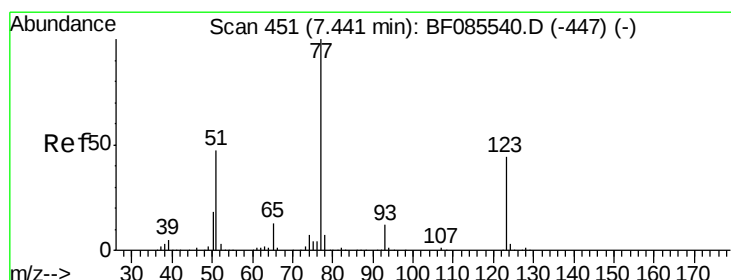
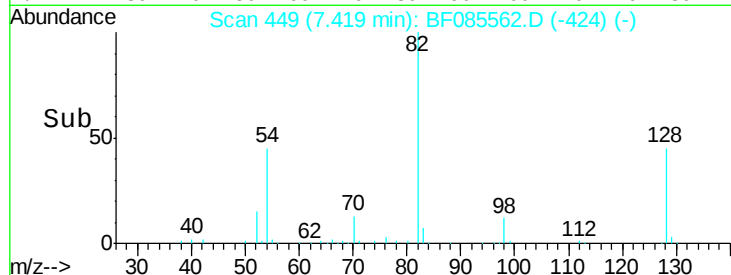
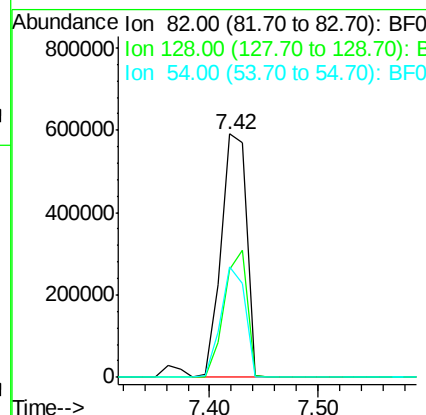
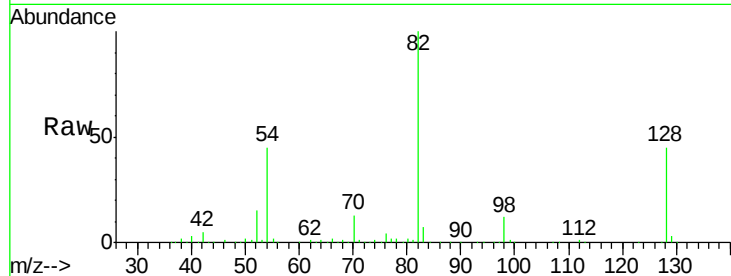
#23  
 Nitrobenzene-d5  
 Concen: 105.46 ng  
 RT: 7.42 min Scan# 449  
 Delta R.T. -0.01 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 128     | 44.6  | 41.8       | 62.8       |
| 54      | 45.2  | 33.4       | 50.0       |

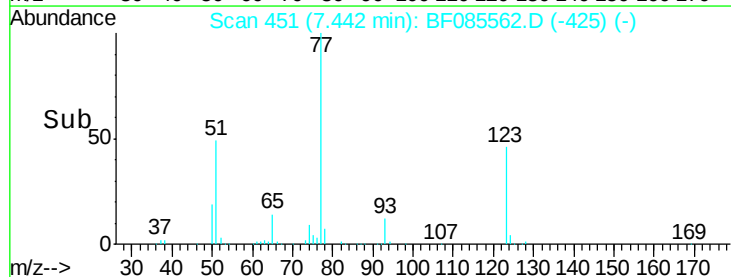
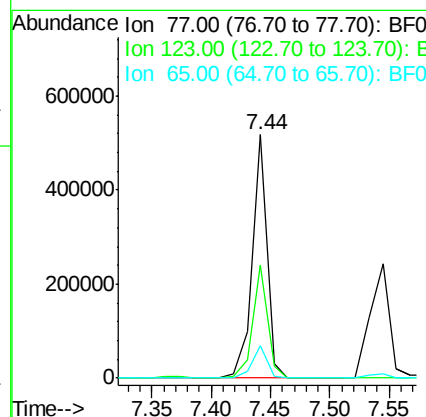
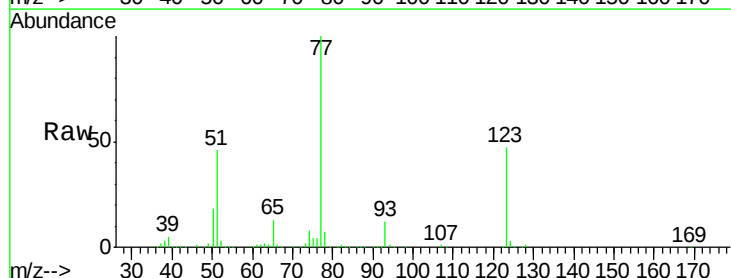
Manual Integrations  
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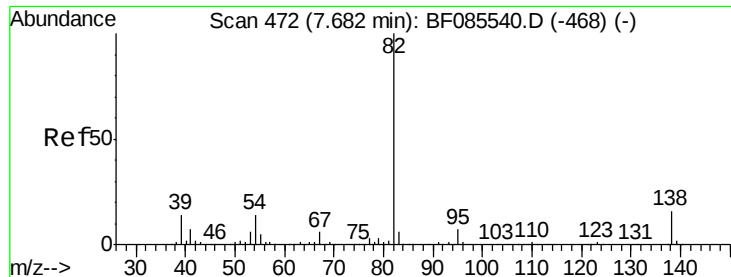
apatel  
 3/21/2016 5:08:11 PM



#24  
 Nitrobenzene  
 Concen: 45.28 ng  
 RT: 7.44 min Scan# 451  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 46.6  | 35.0       | 52.4       |
| 65      | 13.1  | 10.6       | 16.0       |





#25

Isophorone

Concen: 47.33 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

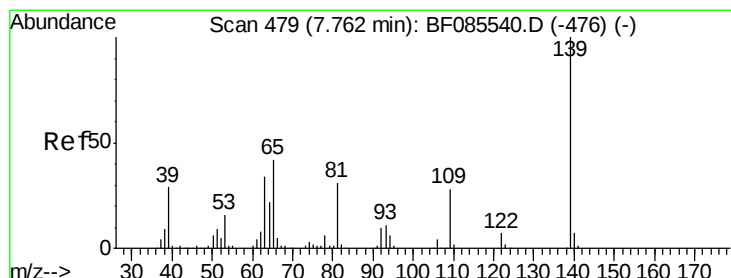
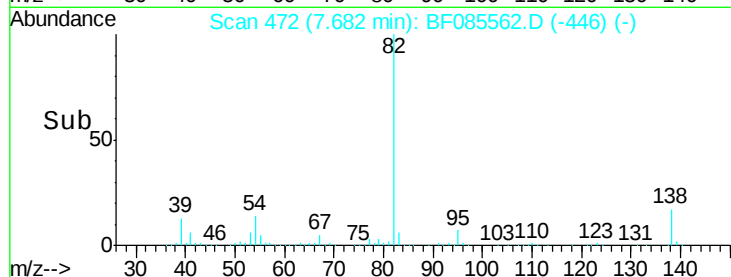
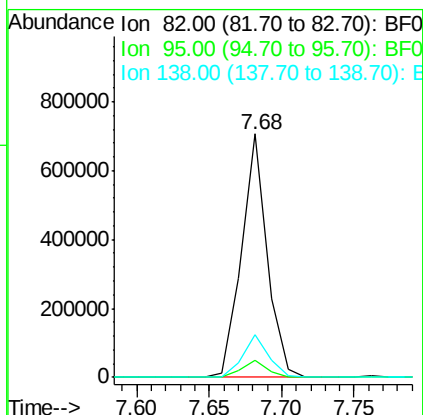
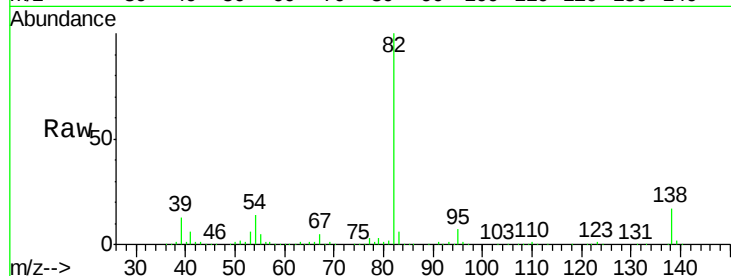
ClientSampleId :

TRACK-D-GRID-8CMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 863865 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.1  | 5.4   | 8.2    |
| 138       | 17.5 | 12.9  | 19.3   |

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#26

2-Nitrophenol

Concen: 53.22 ng

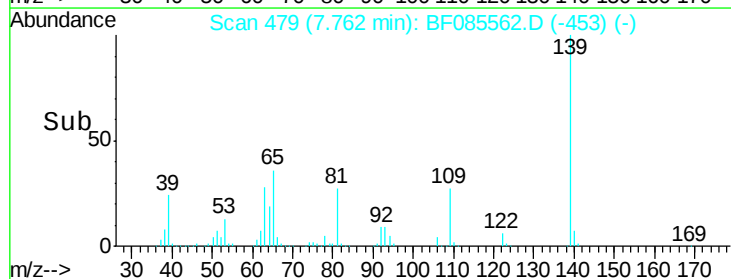
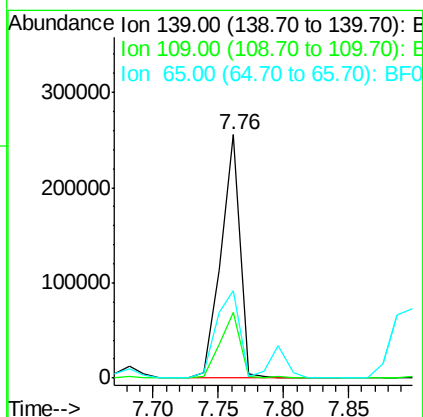
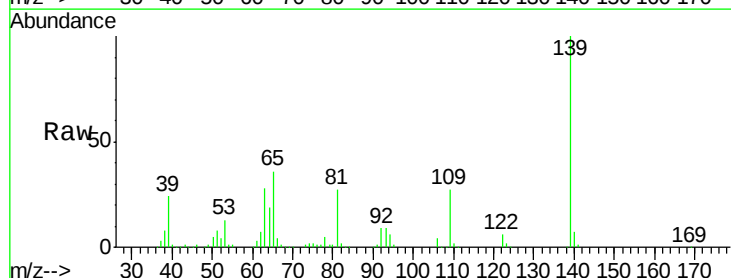
RT: 7.76 min Scan# 479

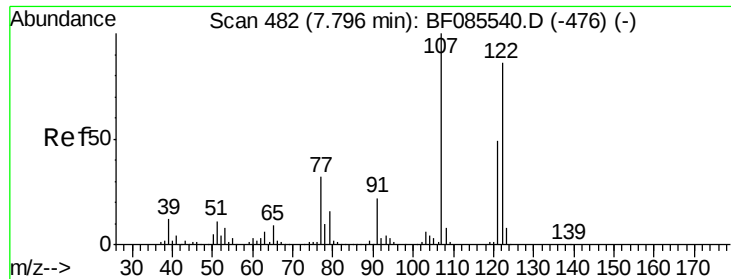
Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 262449 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 26.8 | 22.1  | 33.1   |
| 65        | 35.8 | 33.9  | 50.9   |





#27

2,4-Dimethylphenol

Concen: 44.13 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

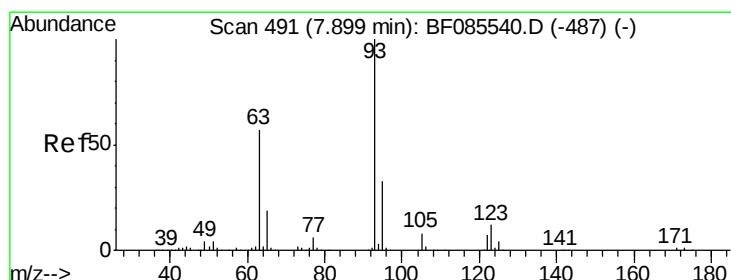
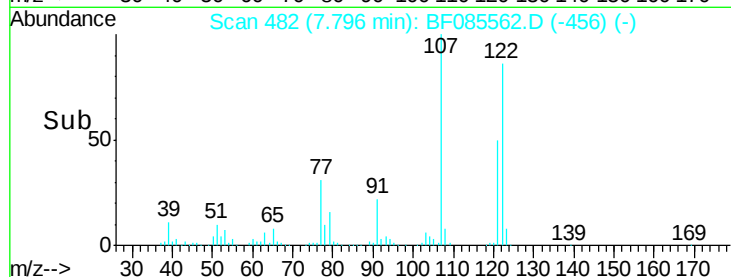
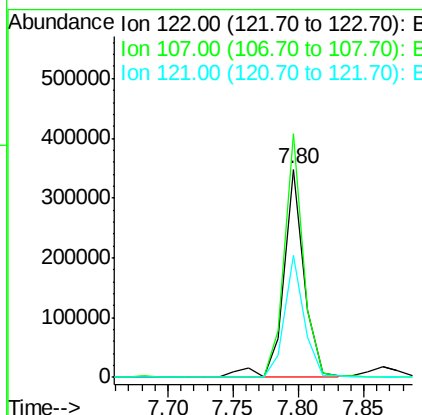
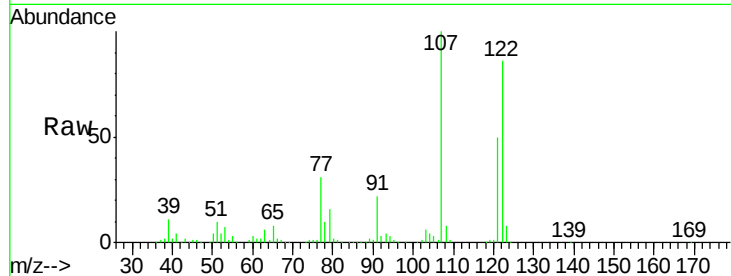
ClientSampleId :

TRACK-D-GRID-8CMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 384876 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 116.9 | 93.0  | 139.6  |
| 121       | 58.4  | 45.9  | 68.9   |

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#28

bis(2-Chloroethoxy)methane

Concen: 52.72 ng

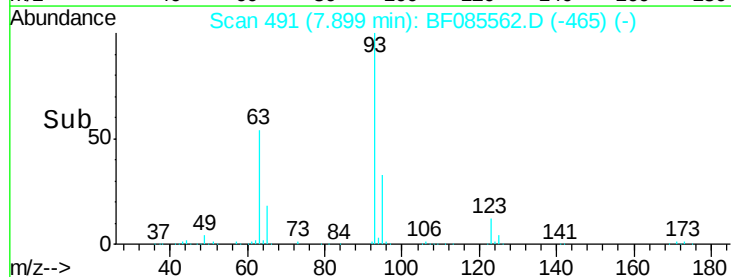
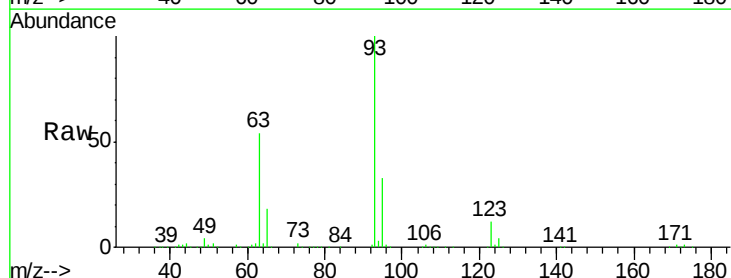
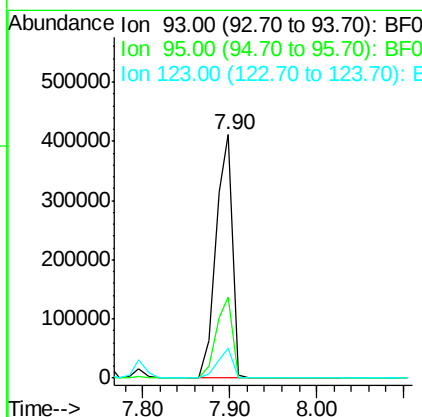
RT: 7.90 min Scan# 491

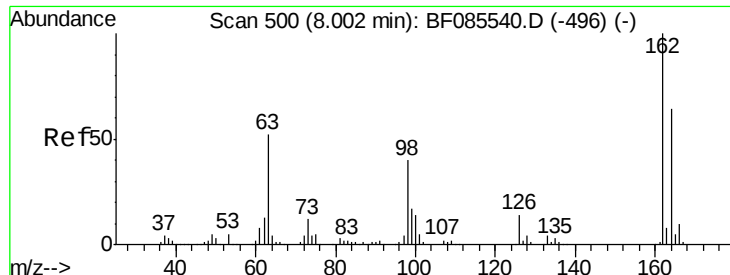
Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 547273 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.5  | 26.4  | 39.6   |
| 123       | 12.3  | 9.8   | 14.6   |





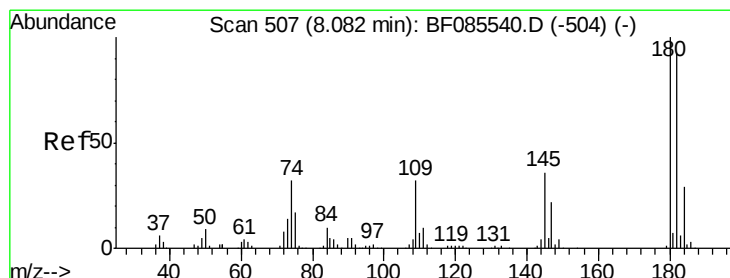
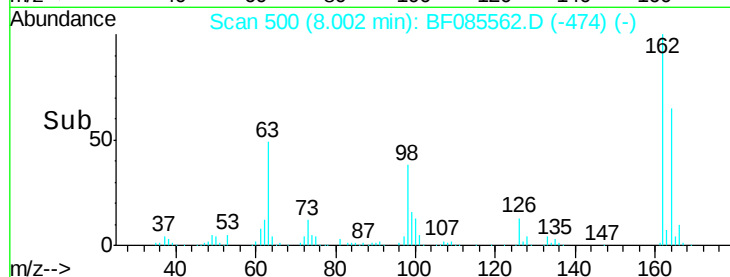
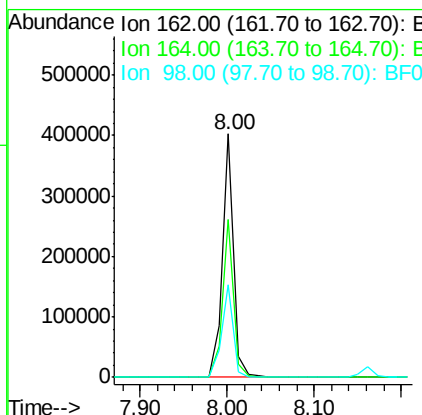
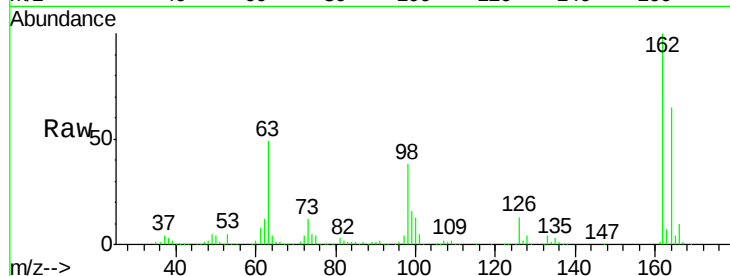
#29  
 2,4-Dichlorophenol  
 Concen: 51.08 ng  
 RT: 8.00 min Scan# 500  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 65.0  | 43.7       | 83.7       |
| 98      | 38.2  | 20.4       | 60.4       |

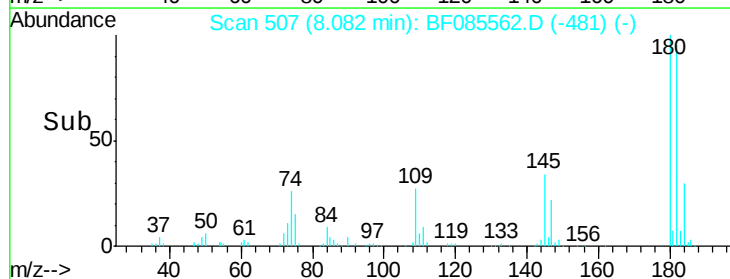
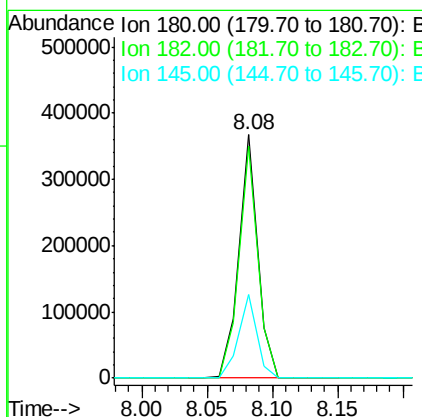
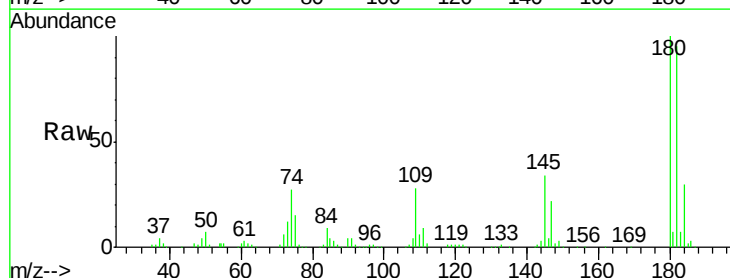
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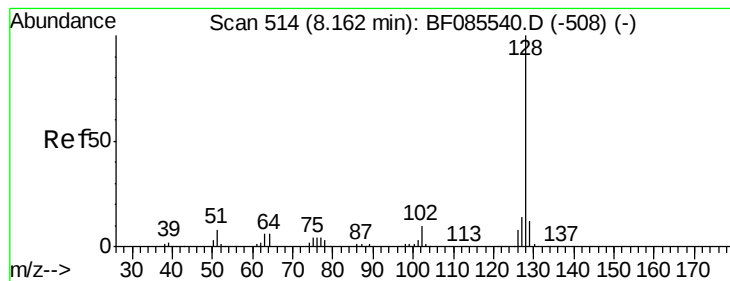
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 45.57 ng  
 RT: 8.08 min Scan# 507  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.3  | 73.8       | 110.8      |
| 145     | 34.2  | 28.4       | 42.6       |





#31

Naphthalene

Concen: 43.90 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

TRACK-D-GRID-8CMS

Tgt Ion:128 Resp: 1172587

Ion Ratio Lower Upper

128 100

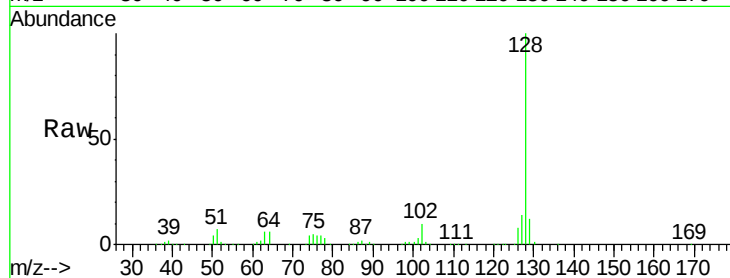
129 11.6 9.4 14.0

127 13.9 11.0 16.6

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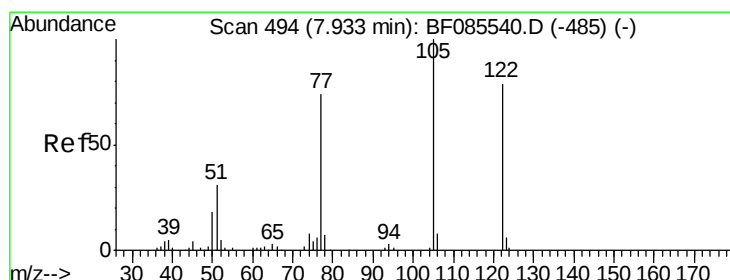
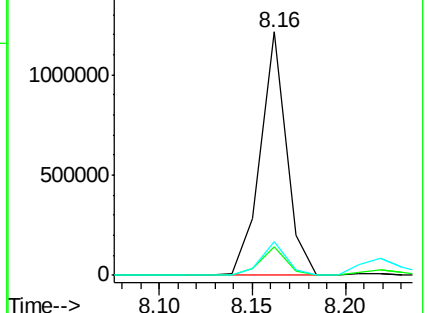
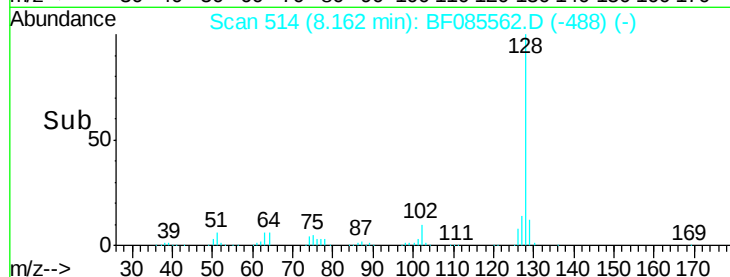
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.66 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.07 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

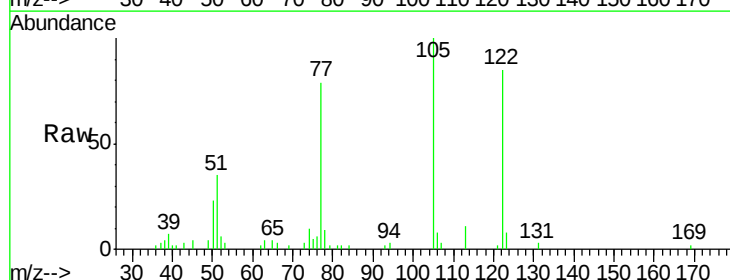
Tgt Ion:122 Resp: 33948

Ion Ratio Lower Upper

122 100

105 117.9 102.9 142.9

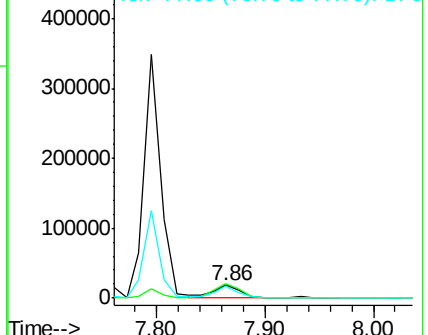
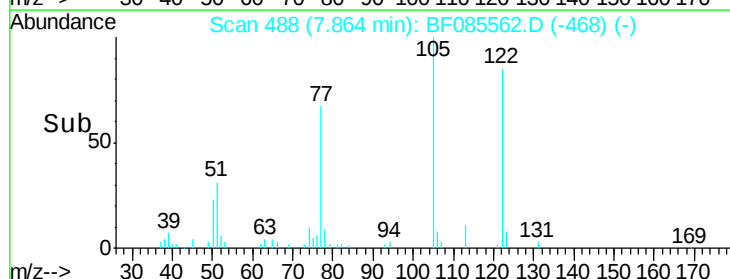
77 93.6 71.8 111.8

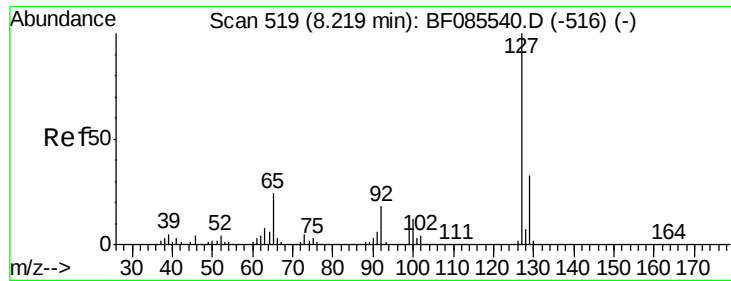


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





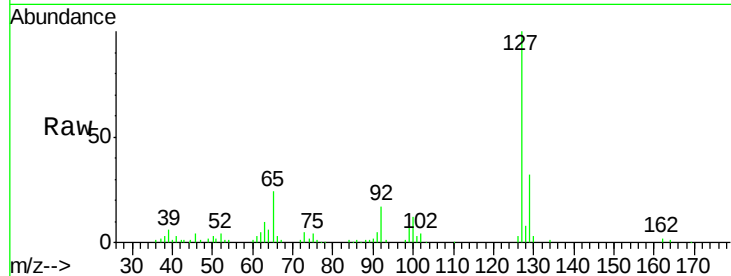
#33  
4-Chloroaniline  
Concen: 13.40 ng  
RT: 8.22 min Scan# 519  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

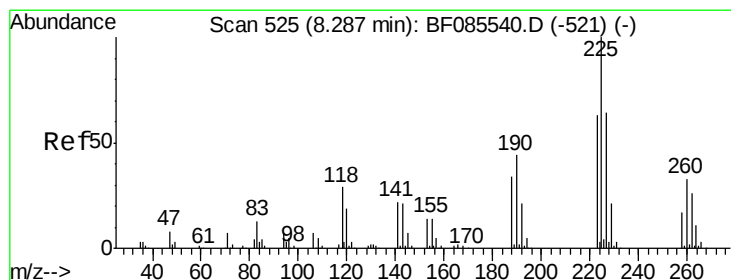
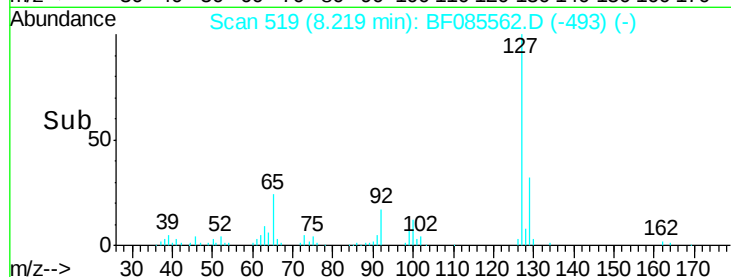
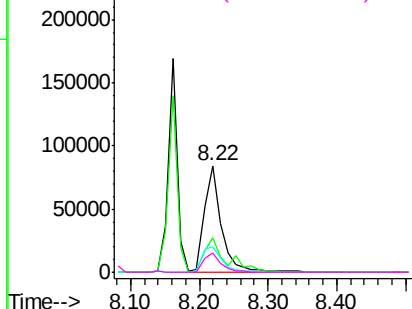
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 146728 |       |       |
| 129     | 32.3  | 26.1   | 39.1  |       |
| 65      | 24.0  | 19.5   | 29.3  |       |
| 92      | 17.5  | 14.6   | 22.0  |       |

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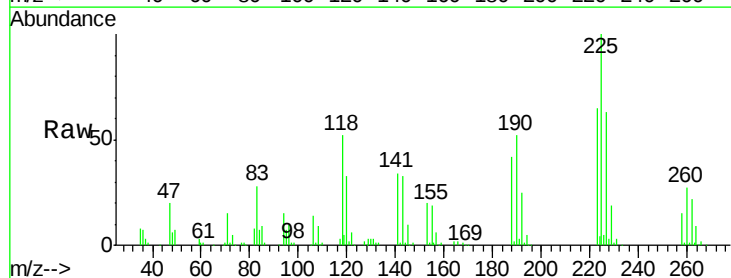


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

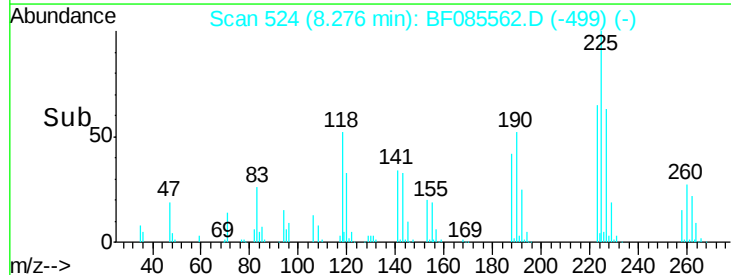
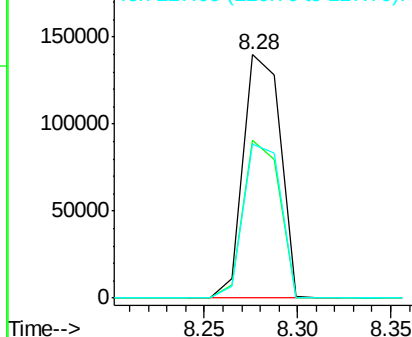


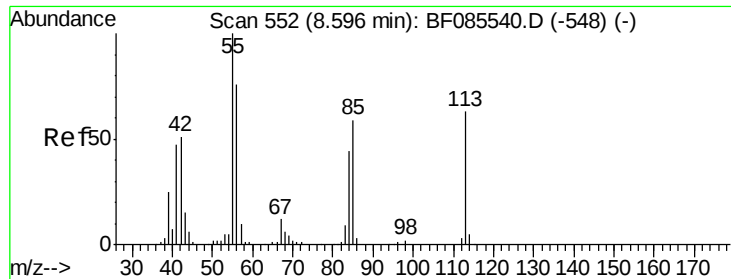
#34  
Hexachlorobutadiene  
Concen: 44.75 ng  
RT: 8.28 min Scan# 524  
Delta R.T. -0.01 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 192409 |       |       |
| 223     | 64.7  | 50.4   | 75.6  |       |
| 227     | 63.0  | 51.4   | 77.2  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.97 ng m

RT: 8.60 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

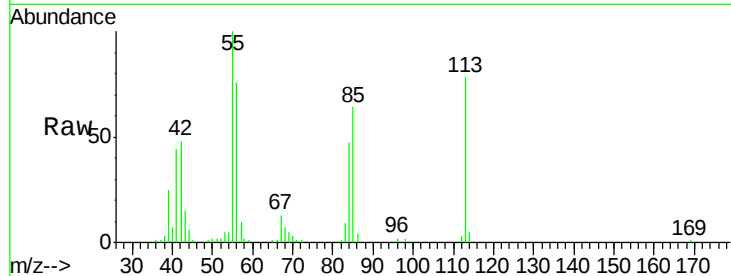
ClientSampleId :

TRACK-D-GRID-8CMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 123836 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 128.2 | 139.4 | 179.4# |
| 56        | 97.2  | 100.4 | 140.4# |

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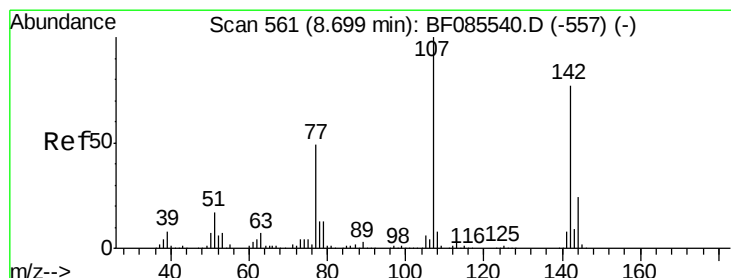
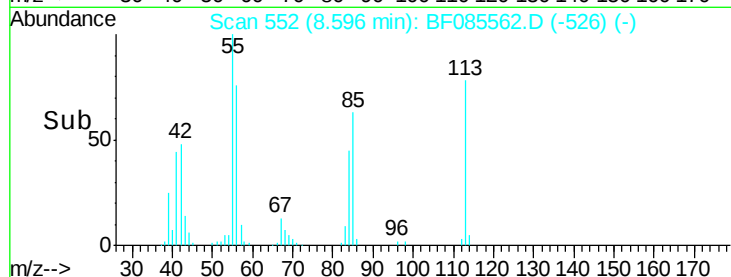
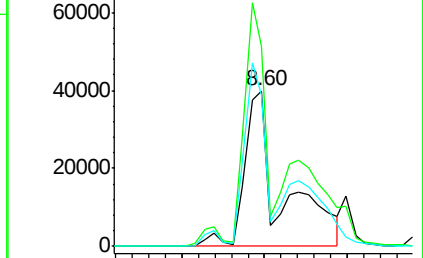
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.05 ng

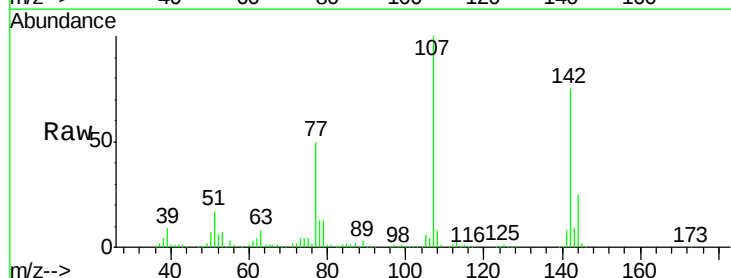
RT: 8.70 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

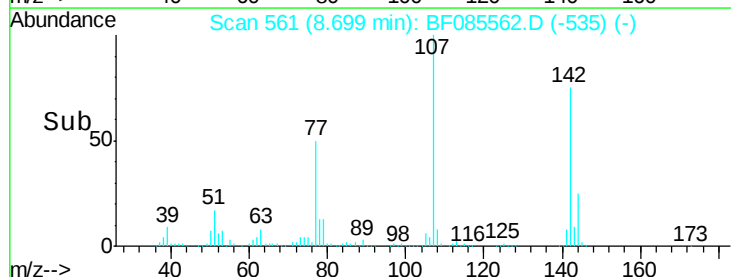
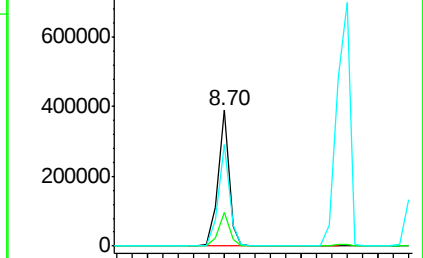
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 395712 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.6  | 19.3  | 28.9   |
| 142       | 75.4  | 61.4  | 92.0   |

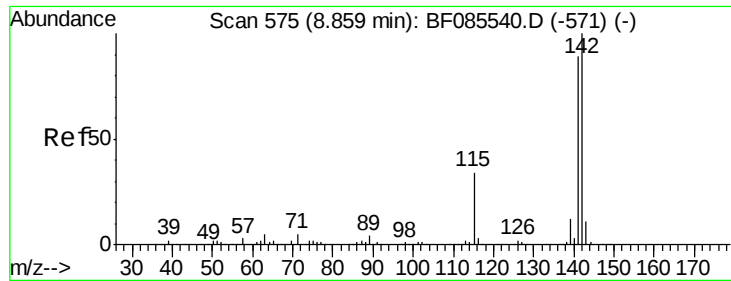


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





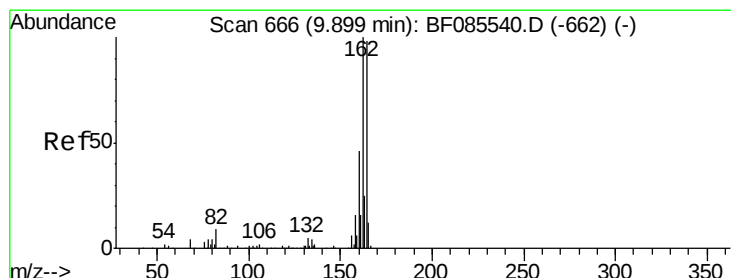
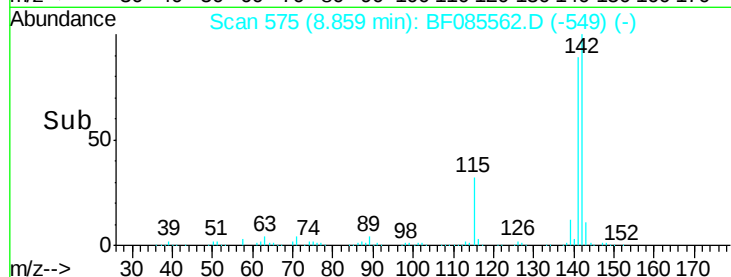
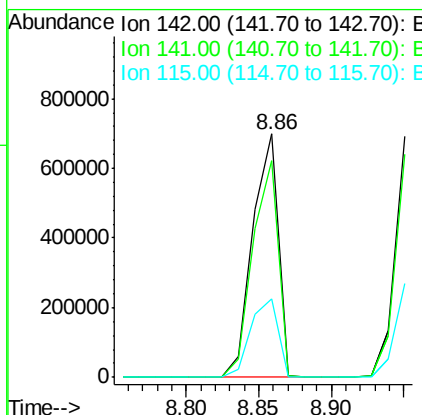
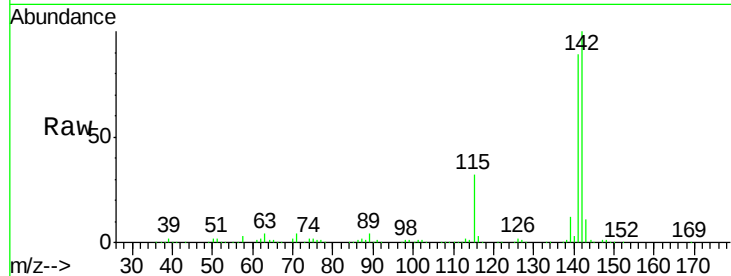
#37  
 2-Methylnaphthalene  
 Concen: 52.68 ng  
 RT: 8.86 min Scan# 575  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 71.6  | 107.4 |
| 115     | 32.2  | 26.8  | 40.2  |

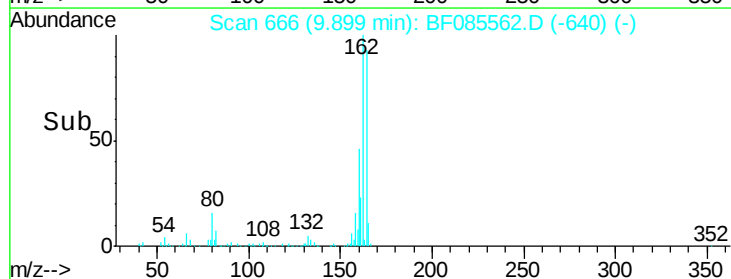
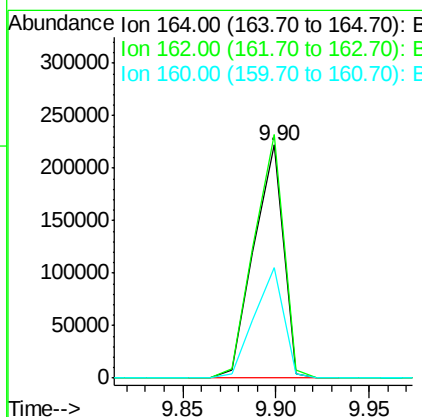
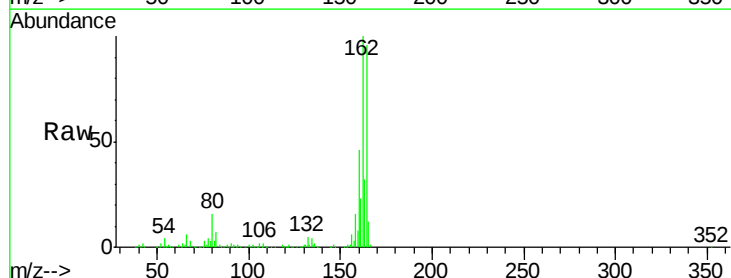
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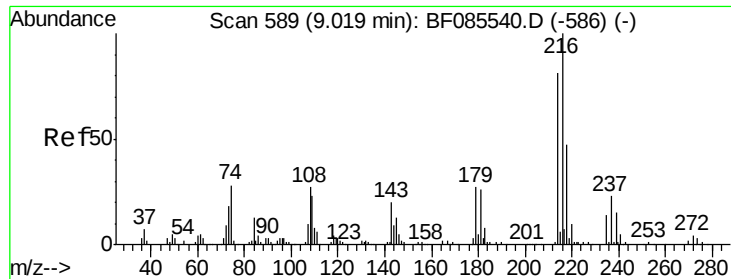
apatel  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.90 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.5 | 82.1  | 123.1 |
| 160     | 47.7  | 37.4  | 56.2  |





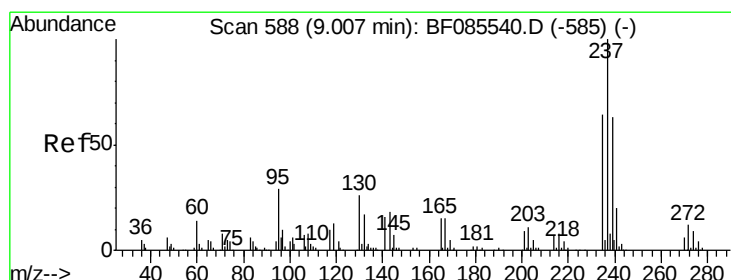
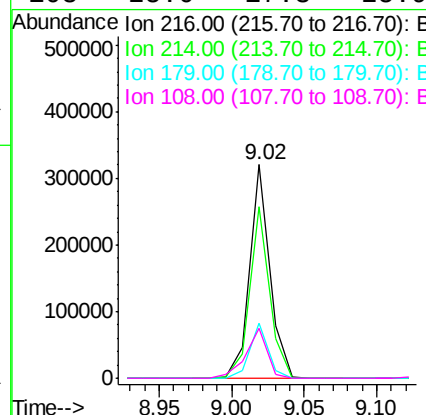
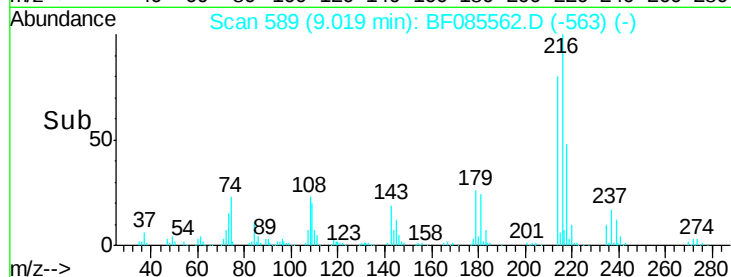
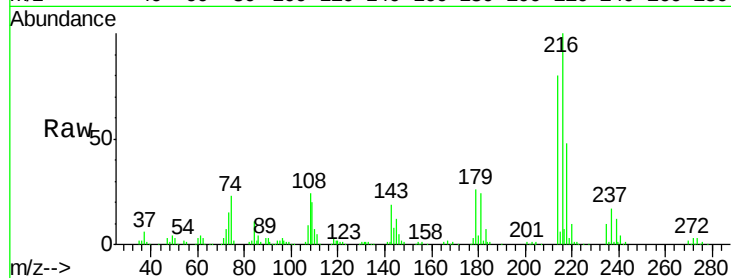
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.67 ng  
 RT: 9.02 min Scan# 589  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

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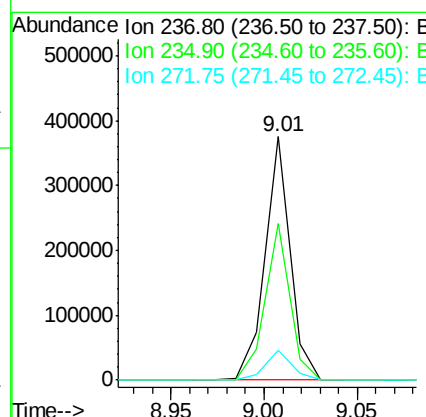
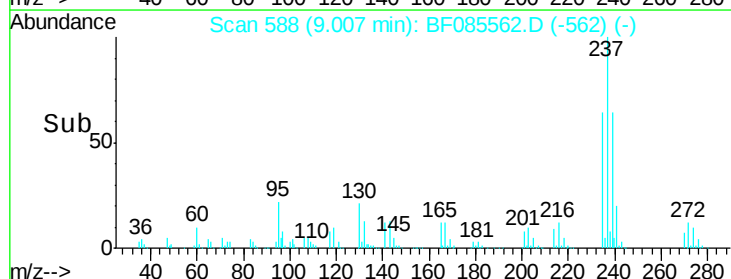
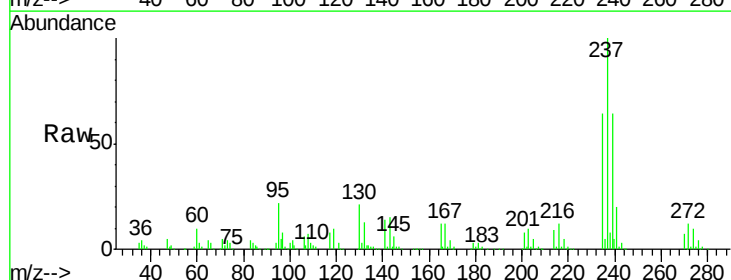
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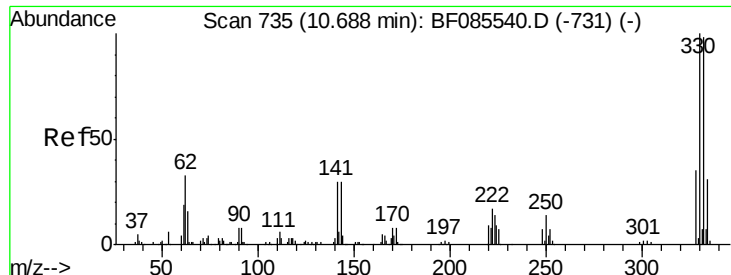
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 307596 |       |       |
| 214     | 79.1  | 63.1   | 94.7  |       |
| 179     | 23.9  | 18.2   | 27.2  |       |
| 108     | 25.0  | 17.3   | 25.9  |       |



#40  
 Hexachlorocyclopentadiene  
 Concen: 104.39 ng  
 RT: 9.01 min Scan# 588  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 347270 |       |       |
| 235     | 64.1  | 43.7   | 83.7  |       |
| 272     | 12.5  | 0.0    | 31.9  |       |





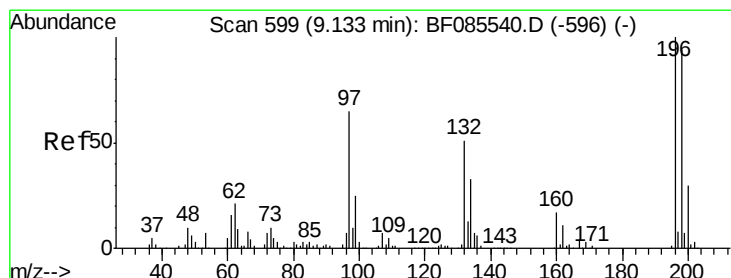
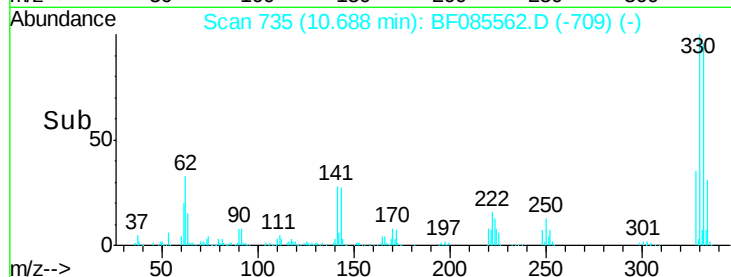
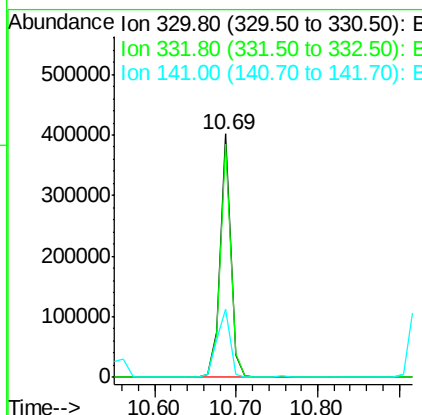
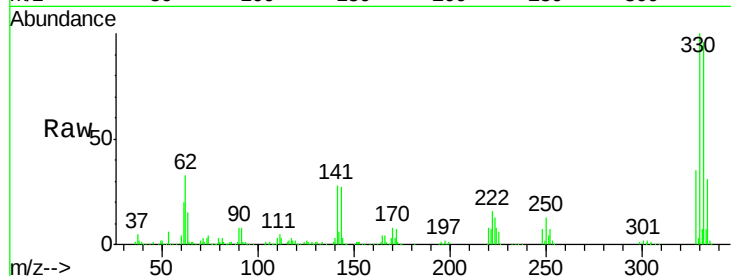
#41  
 2,4,6-Tribromophenol  
 Concen: 151.58 ng  
 RT: 10.69 min Scan# 735  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 361279 |       |       |
| 332     | 95.9  | 78.2   | 117.2 |       |
| 141     | 35.6  | 31.5   | 47.3  |       |

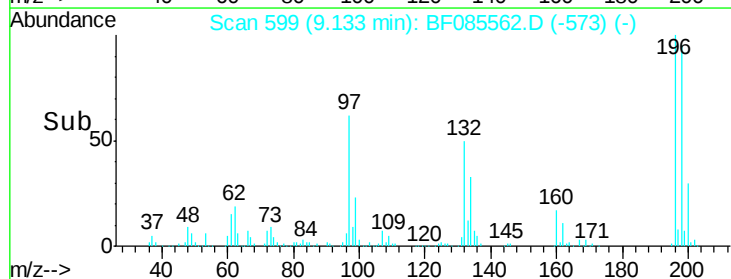
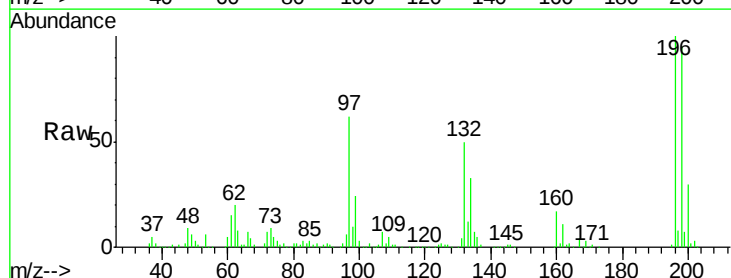
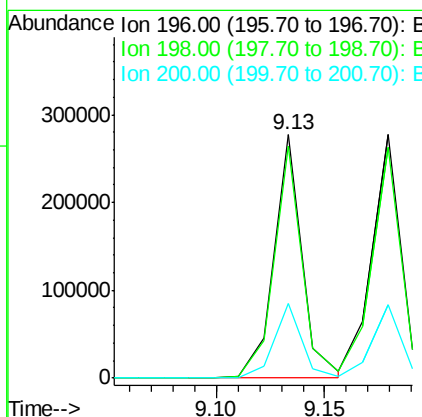
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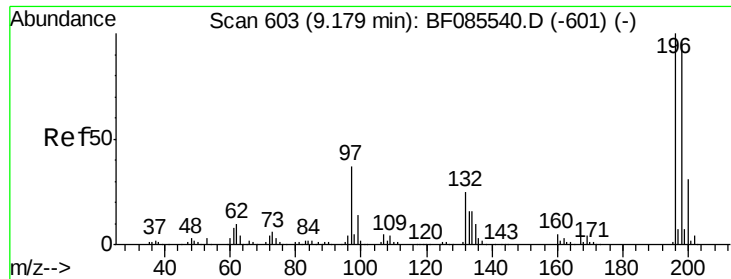
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#42  
 2,4,6-Trichlorophenol  
 Concen: 49.75 ng  
 RT: 9.13 min Scan# 599  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

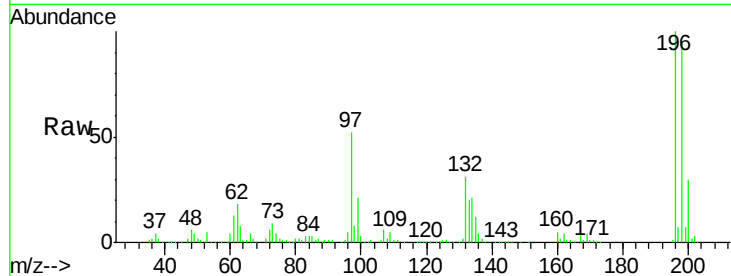
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 251372 |       |       |
| 198     | 95.2  | 75.3   | 112.9 |       |
| 200     | 30.4  | 23.7   | 35.5  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 50.76 ng  
 RT: 9.18 min Scan# 603  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

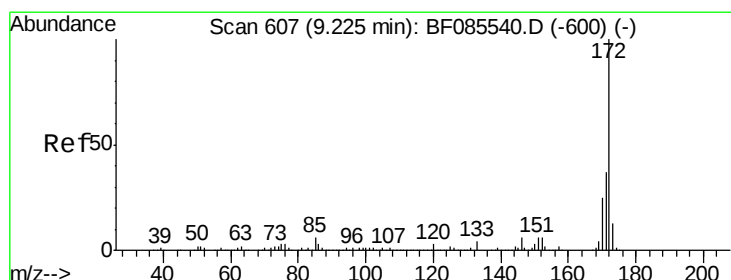
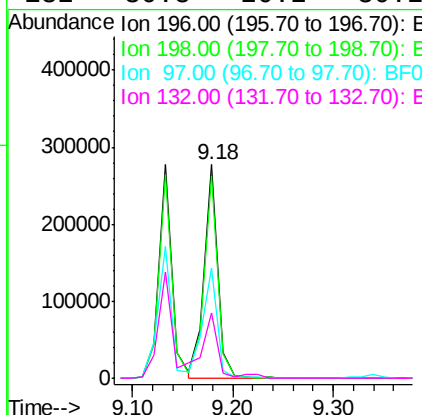
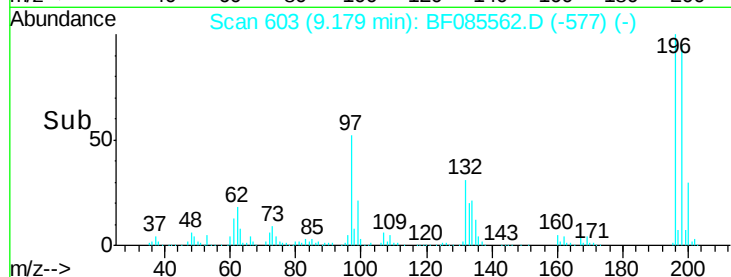
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 261007 |       |       |
| 198     | 94.8  | 76.6   | 114.8 |       |
| 97      | 51.6  | 30.5   | 45.7  |       |
| 132     | 30.8  | 20.2   | 30.2  |       |

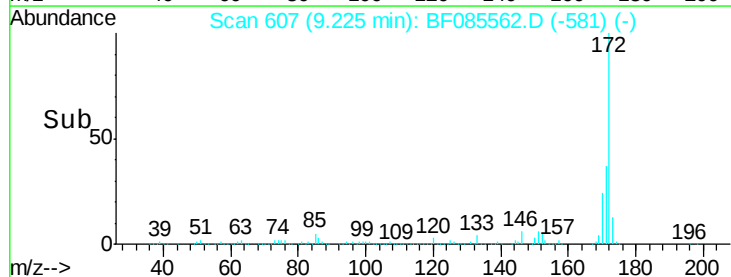
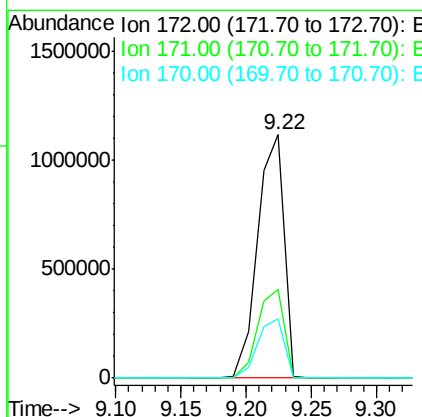
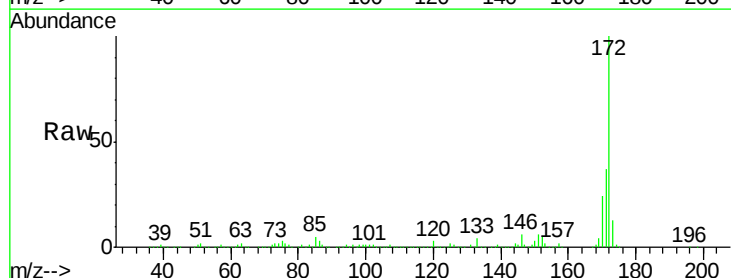
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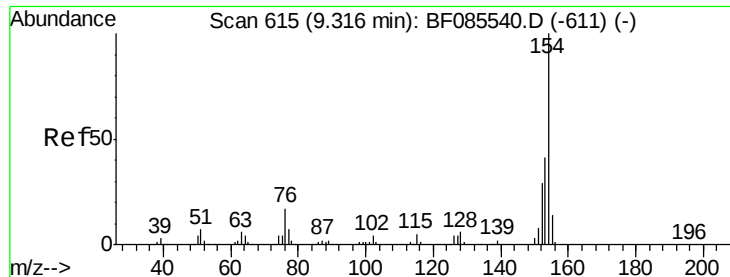
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#44  
 2-Fluorobiphenyl  
 Concen: 124.99 ng  
 RT: 9.22 min Scan# 607  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1576599 |       |       |
| 171     | 36.5  | 29.4    | 44.2  |       |
| 170     | 24.2  | 19.8    | 29.6  |       |





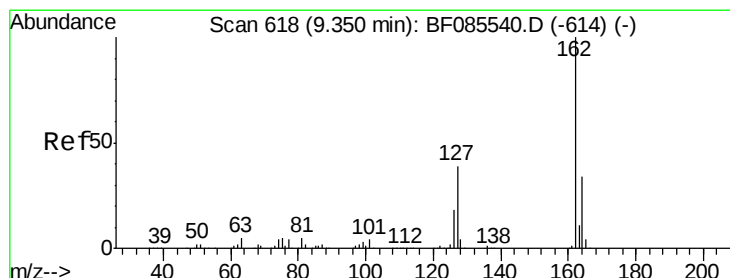
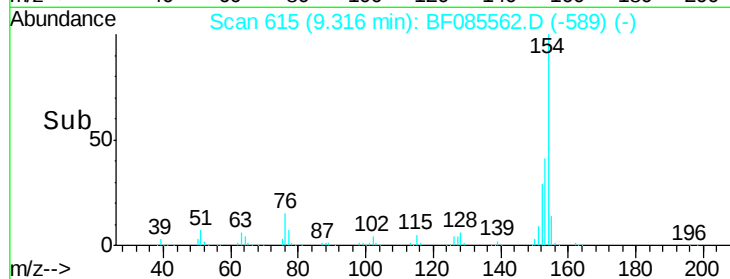
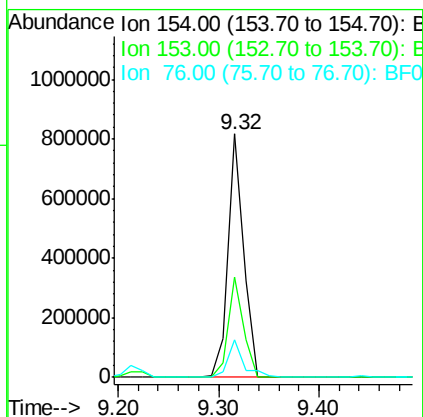
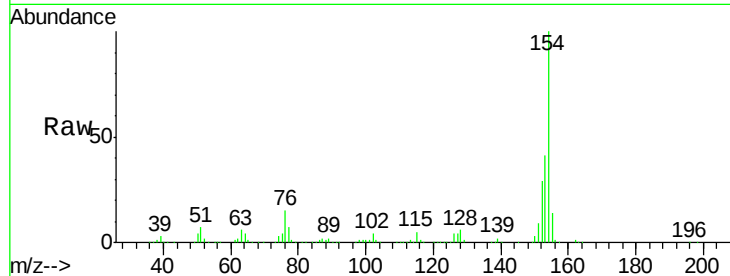
#45  
1,1'-Biphenyl  
Concen: 41.91 ng  
RT: 9.32 min Scan# 615  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.4  | 20.8  | 60.8  |
| 76      | 15.4  | 0.0   | 36.7  |

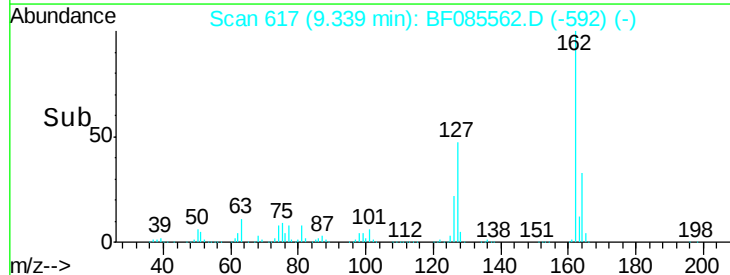
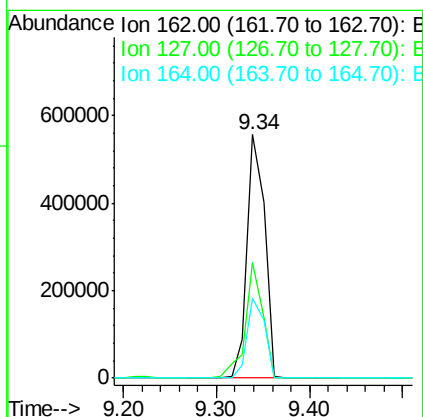
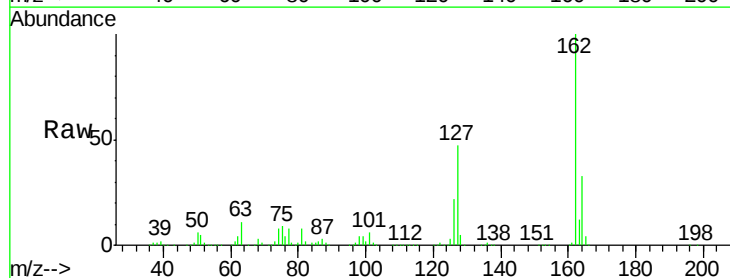
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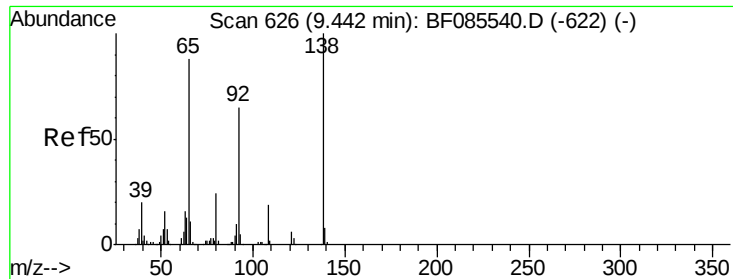
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#46  
2-Chloronaphthalene  
Concen: 47.40 ng  
RT: 9.34 min Scan# 617  
Delta R.T. -0.01 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 47.4  | 31.7  | 47.5  |
| 164     | 32.7  | 27.3  | 40.9  |





#47

2-Nitroaniline

Concen: 55.30 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

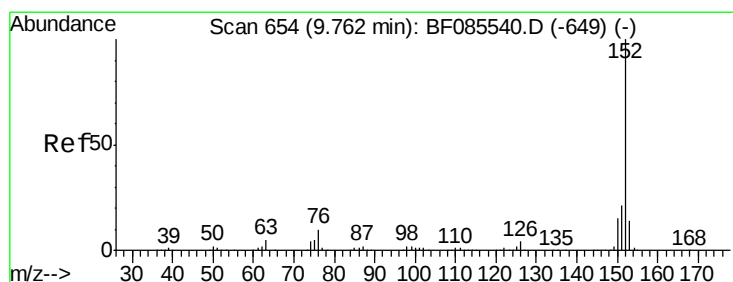
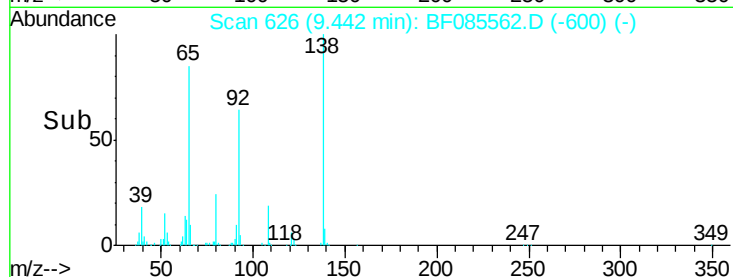
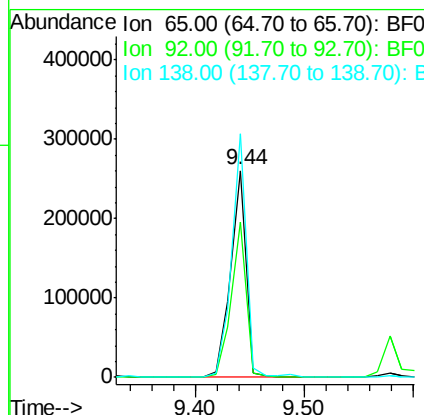
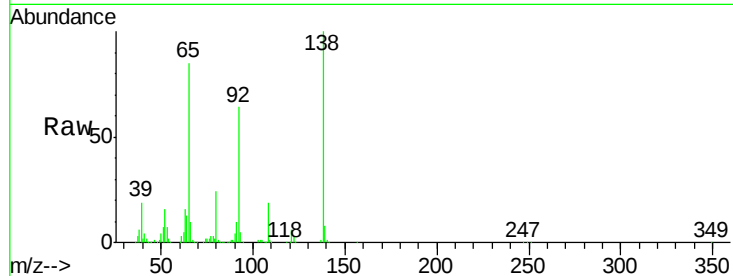
ClientSampleId :

TRACK-D-GRID-8CMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 256518 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 75.3  | 59.7  | 89.5   |
| 138       | 117.7 | 91.4  | 137.0  |

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#48

Acenaphthylene

Concen: 50.07 ng

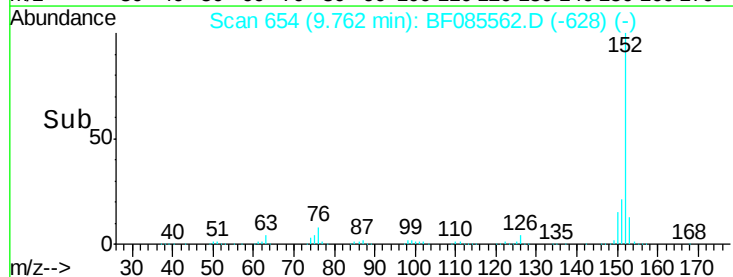
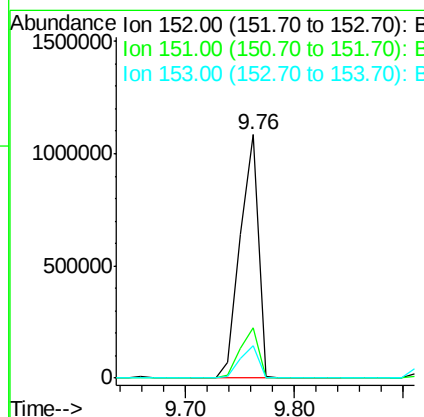
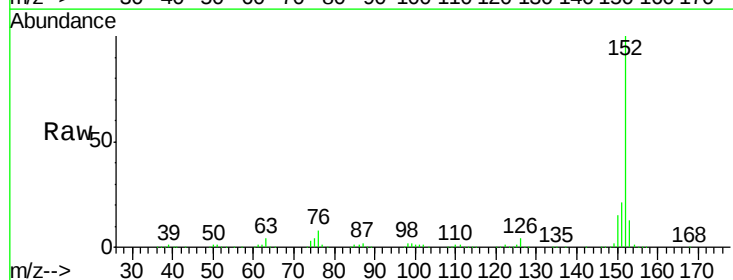
RT: 9.76 min Scan# 654

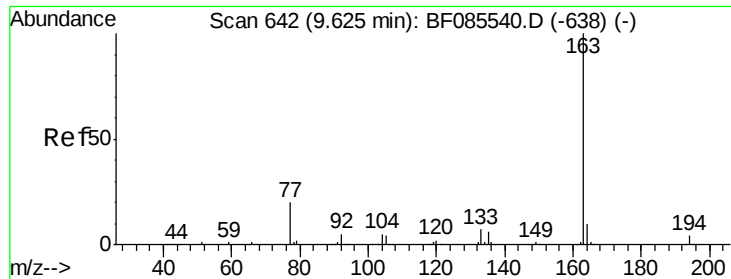
Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1242382 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.6  | 16.8  | 25.2    |
| 153       | 13.2  | 10.9  | 16.3    |





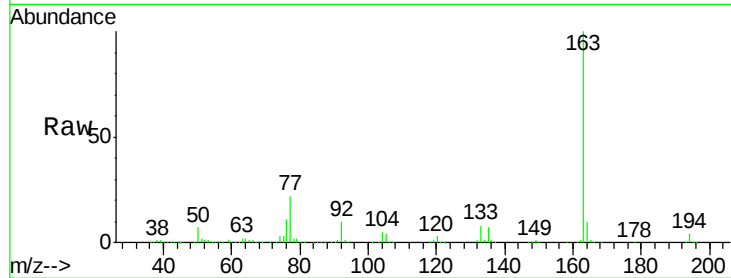
#49  
Dimethylphthalate  
Concen: 53.23 ng  
RT: 9.62 min Scan# 642  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

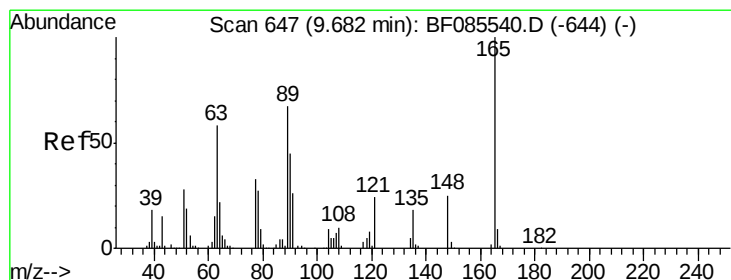
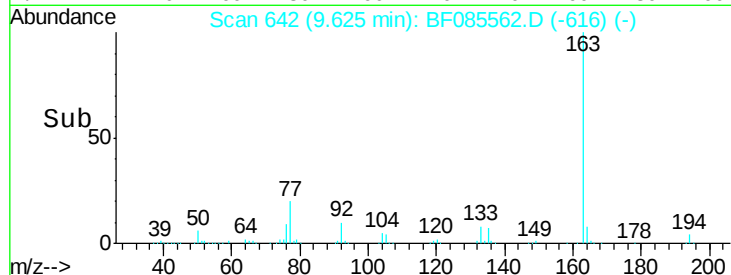
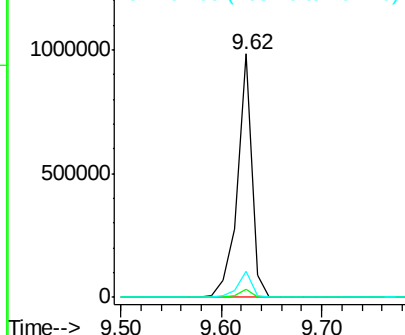
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.6   | 2.9        | 4.3        |
| 164     | 10.5  | 8.3        | 12.5       |

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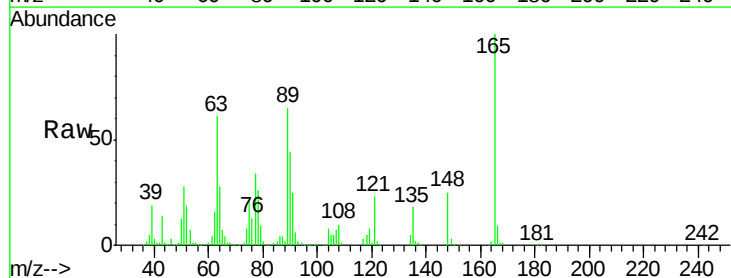


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

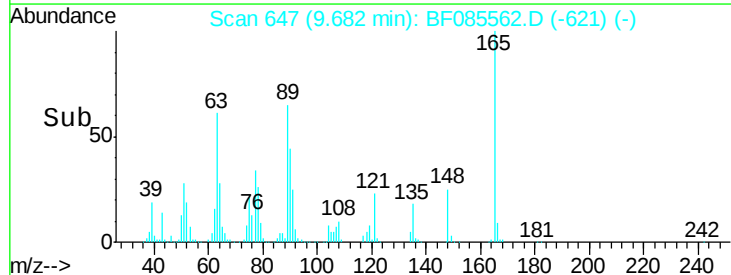
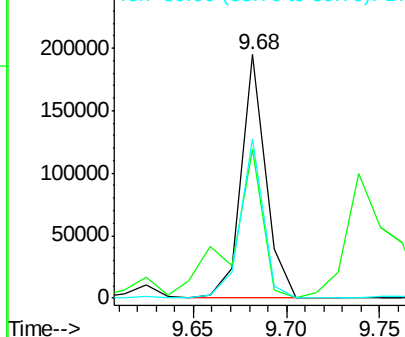


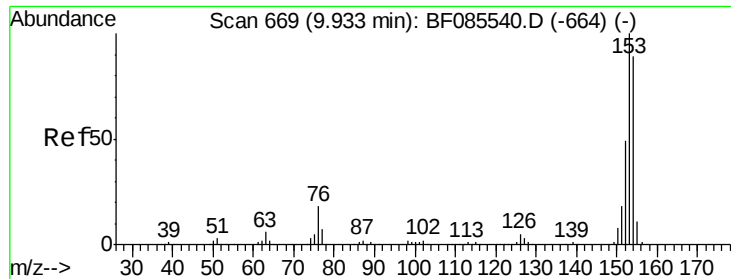
#50  
2,6-Dinitrotoluene  
Concen: 46.29 ng  
RT: 9.68 min Scan# 647  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 61.3  | 51.8       | 77.8       |
| 89      | 65.3  | 53.7       | 80.5       |



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: 52.32 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085562.D

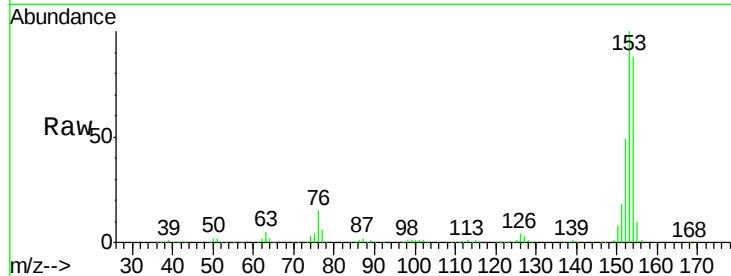
Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

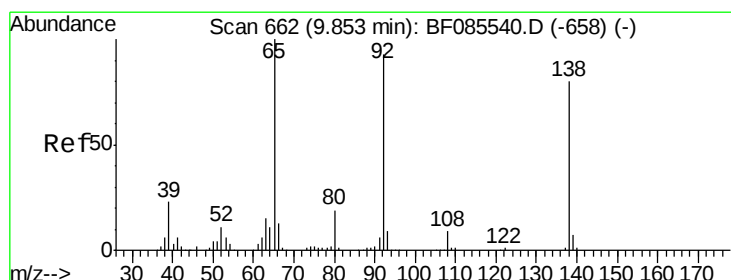
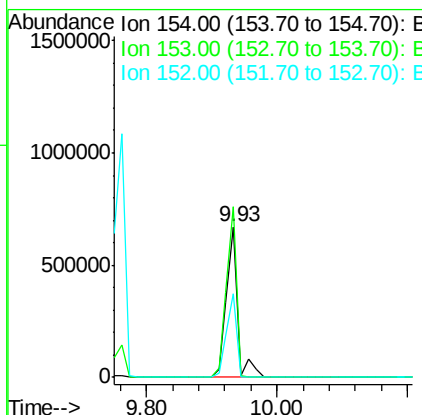
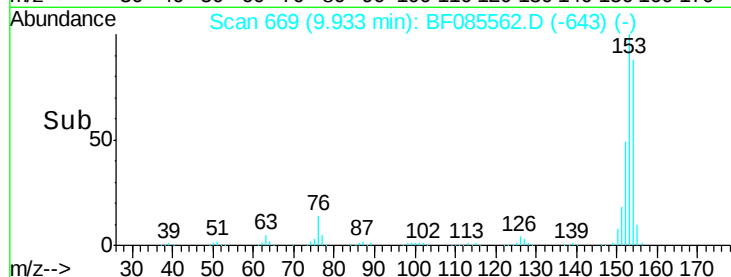
TRACK-D-GRID-8CMS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 814623 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 90.1  | 135.1  |
| 152       | 55.3  | 44.2  | 66.2   |

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#52

3-Nitroaniline

Concen: 32.44 ng

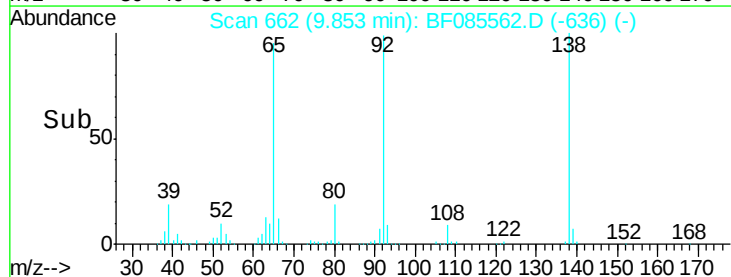
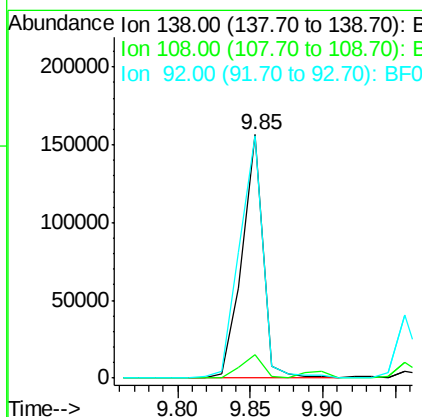
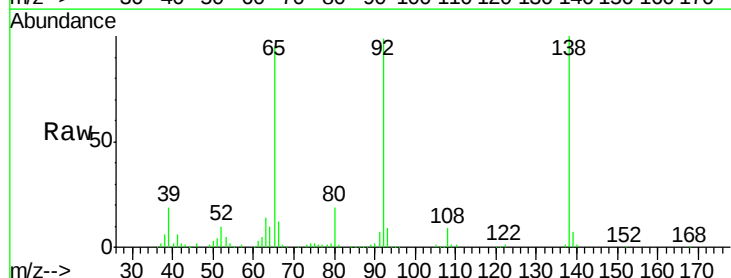
RT: 9.85 min Scan# 662

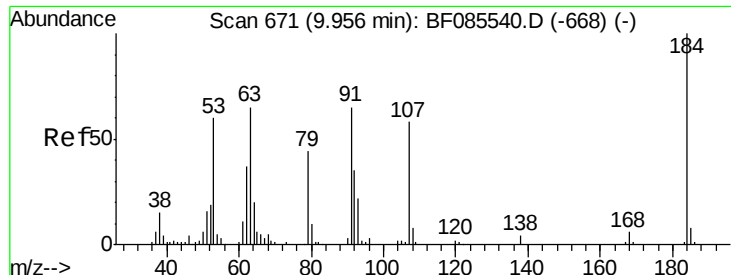
Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 157473 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.5   | 8.7   | 13.1   |
| 92        | 99.3  | 93.3  | 139.9  |





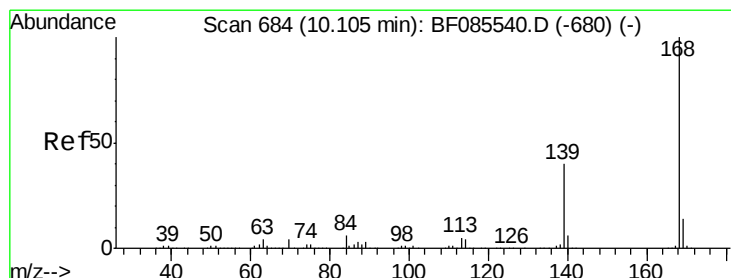
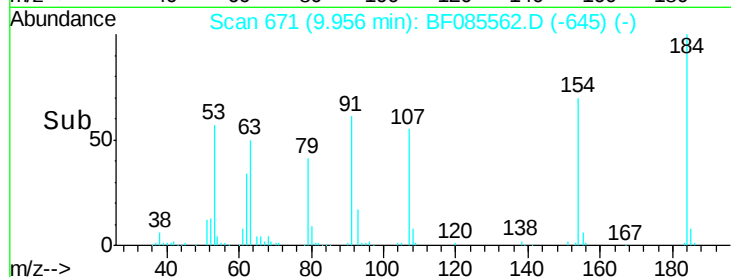
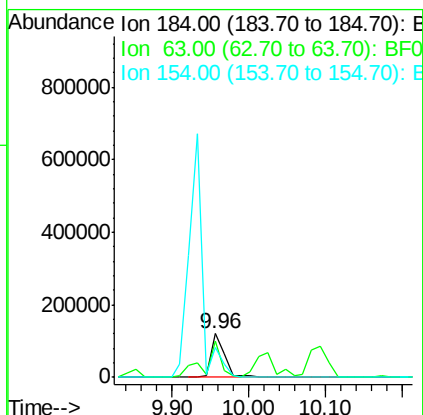
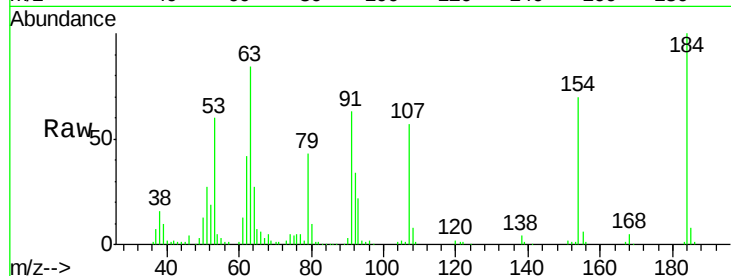
#53  
2,4-Dinitrophenol  
Concen: 60.67 ng  
RT: 9.96 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 144067 |       |       |
| 63      | 84.2  | 69.5   | 104.3 |       |
| 154     | 69.9  | 58.3   | 87.5  |       |

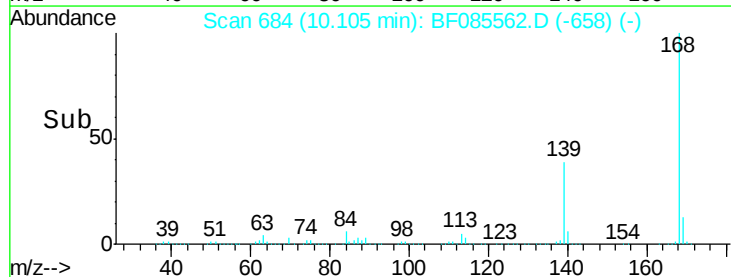
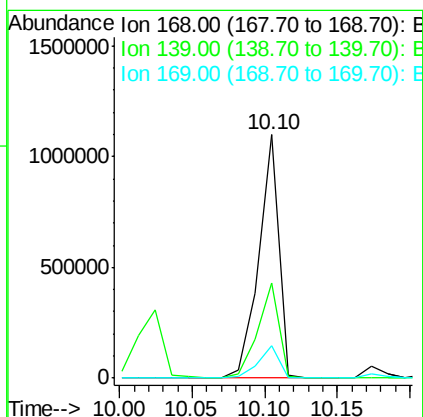
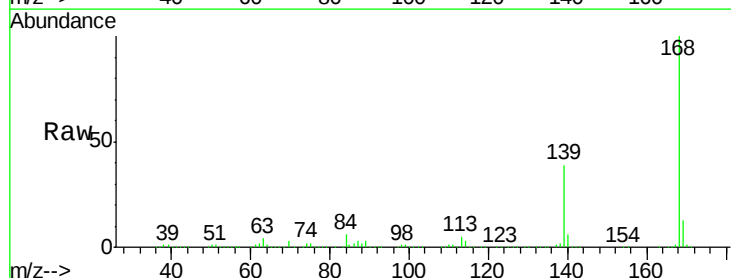
Manual Integrations  
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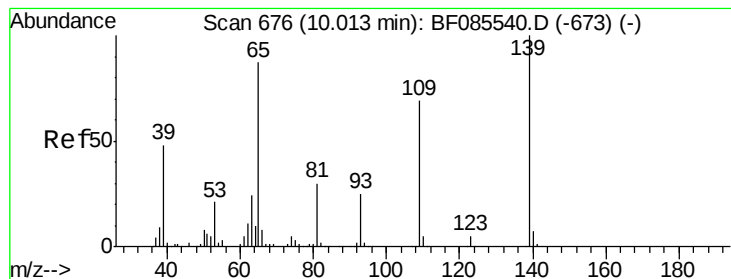
apatel  
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#54  
Dibenzofuran  
Concen: 55.80 ng  
RT: 10.10 min Scan# 684  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1058185 |       |       |
| 139     | 39.1  | 31.9    | 47.9  |       |
| 169     | 13.4  | 11.0    | 16.6  |       |





#55

4-Nitrophenol

Concen: 101.91 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF085562.D

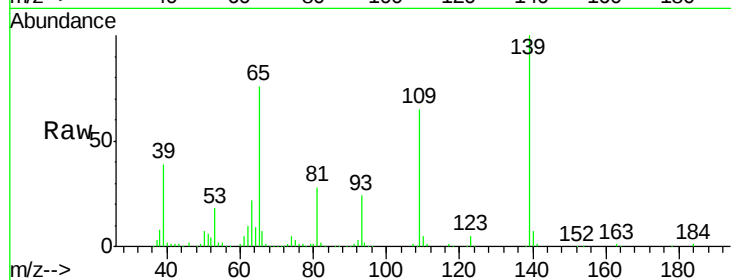
Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

TRACK-D-GRID-8CMS



Tgt Ion:139 Resp: 382366

Ion Ratio Lower Upper

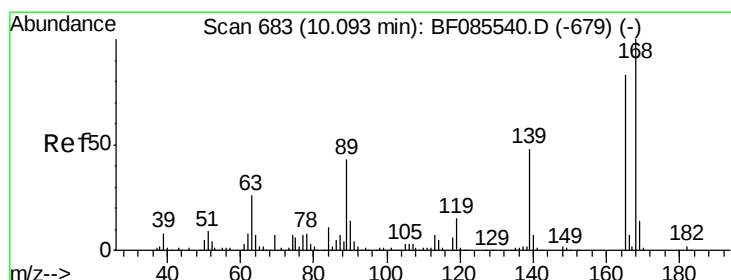
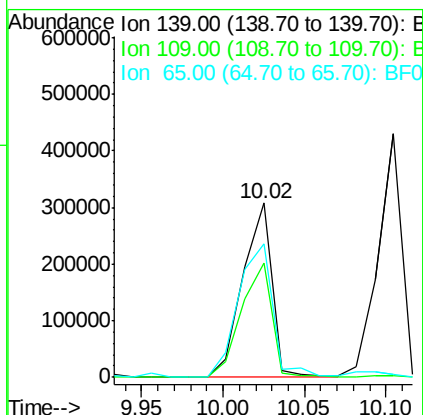
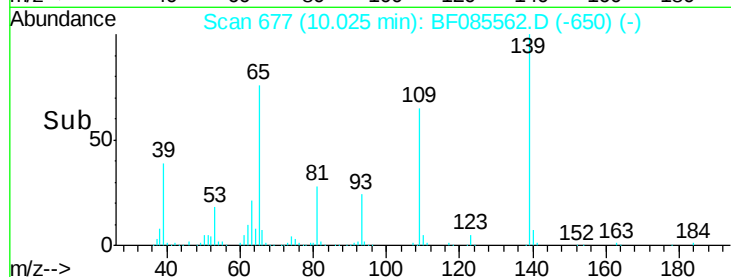
139 100

109 65.5 49.2 89.2

65 76.3 66.9 106.9

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#56

2,4-Dinitrotoluene

Concen: 56.13 ng

RT: 10.09 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Tgt Ion:165 Resp: 284873

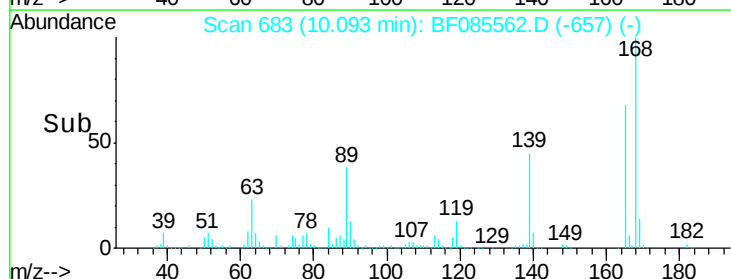
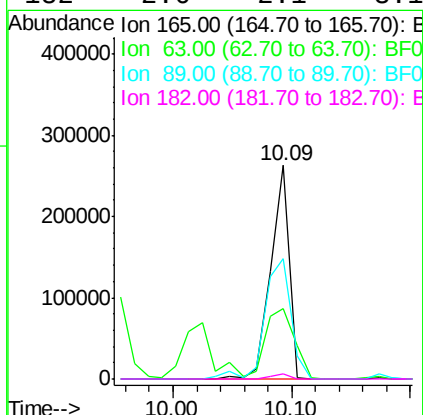
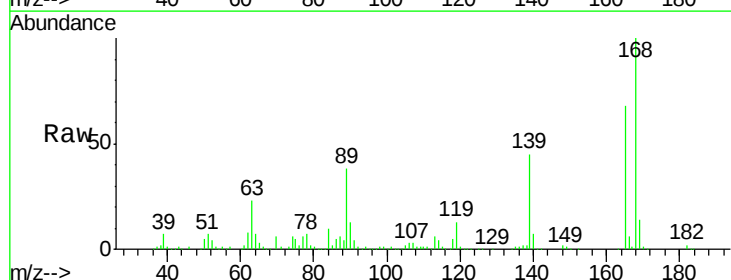
Ion Ratio Lower Upper

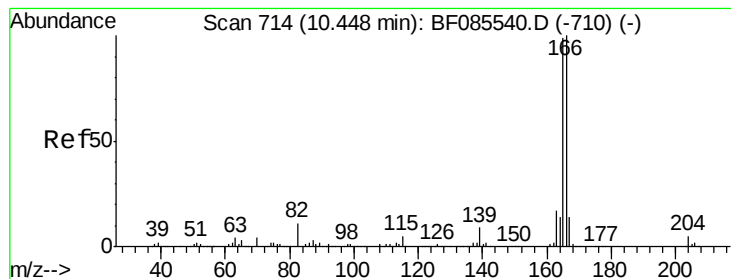
165 100

63 33.3 24.9 37.3

89 56.1 41.0 61.6

182 2.6 2.1 3.1





#57

Fluorene

Concen: 50.53 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

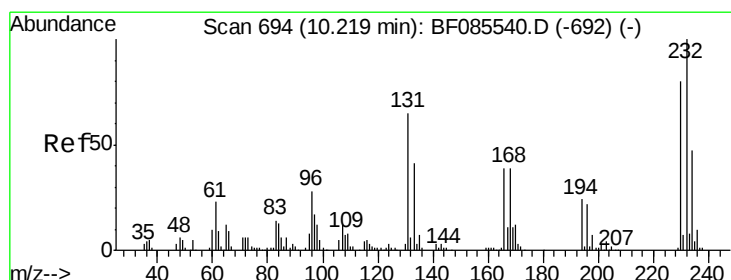
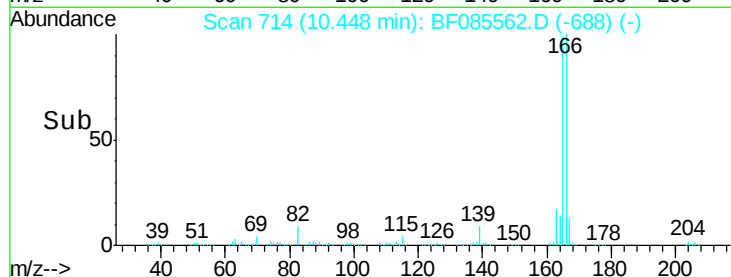
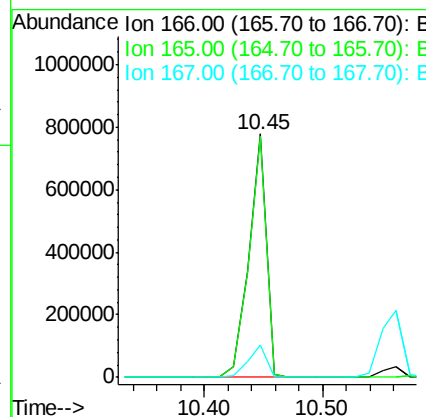
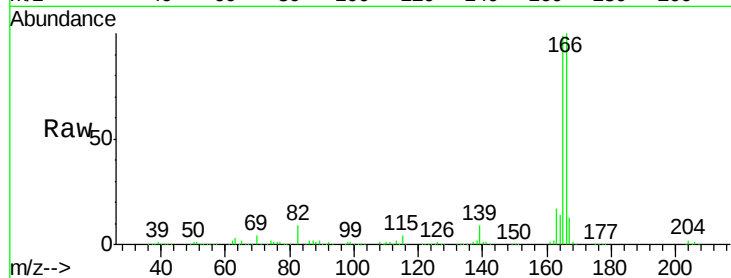
ClientSampleId :

TRACK-D-GRID-8CMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 798495 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.1  | 79.4  | 119.0  |
| 167       | 13.2  | 11.0  | 16.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.16 ng

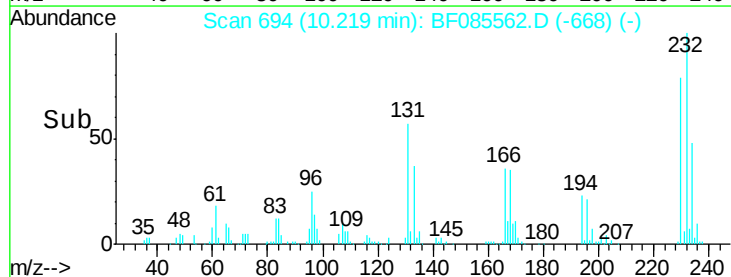
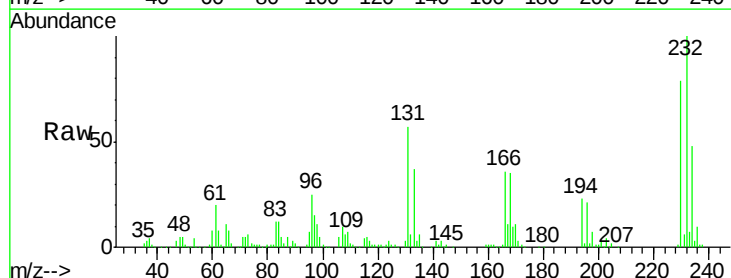
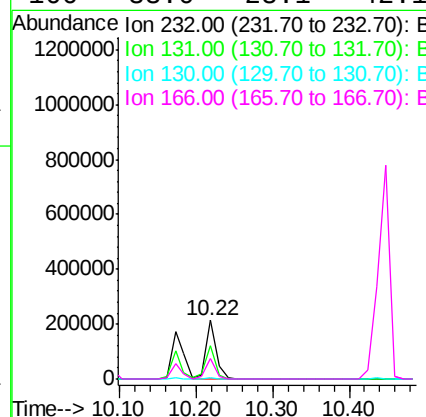
RT: 10.22 min Scan# 694

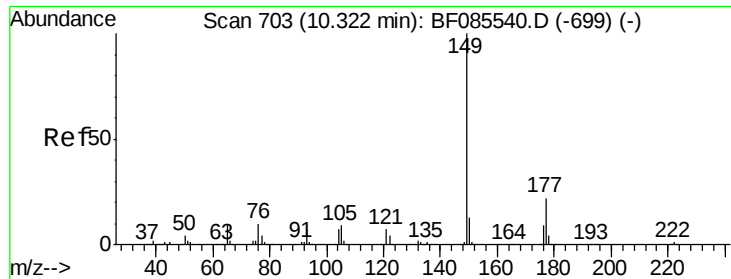
Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 200498 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 55.0  | 44.9  | 67.3   |
| 130       | 2.7   | 2.3   | 3.5    |
| 166       | 33.0  | 28.1  | 42.1   |





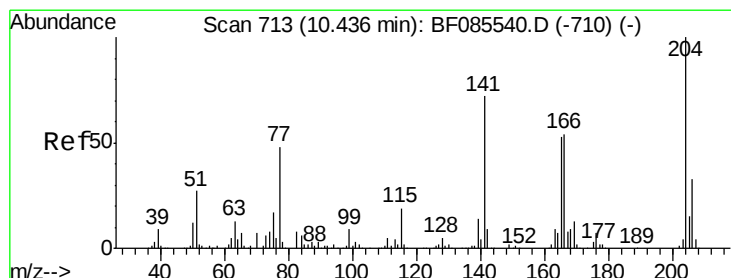
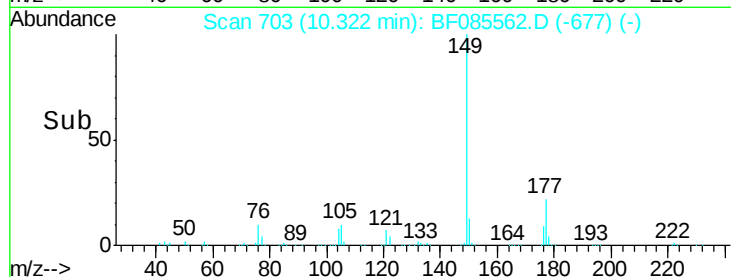
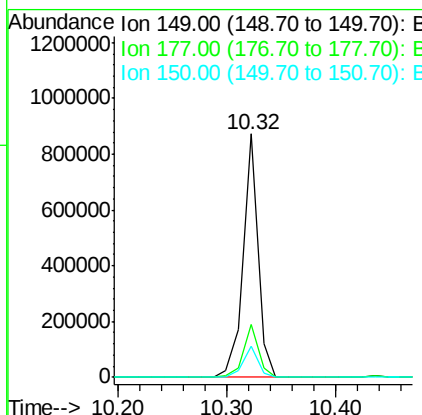
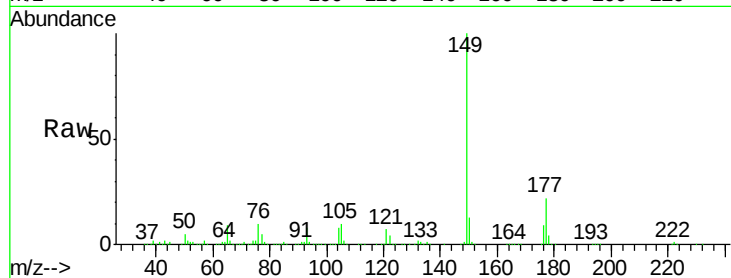
#59  
Diethylphthalate  
Concen: 44.87 ng  
RT: 10.32 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 819032 |       |       |
| 177     | 21.8  | 17.9   | 26.9  |       |
| 150     | 13.0  | 10.2   | 15.2  |       |

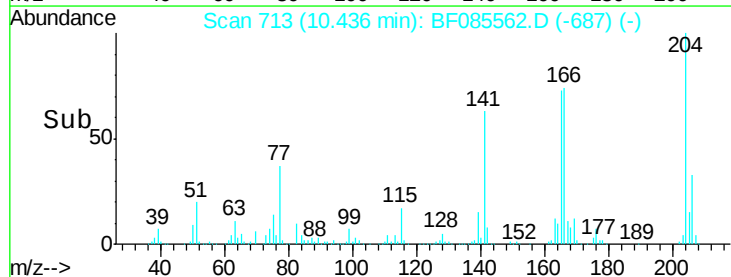
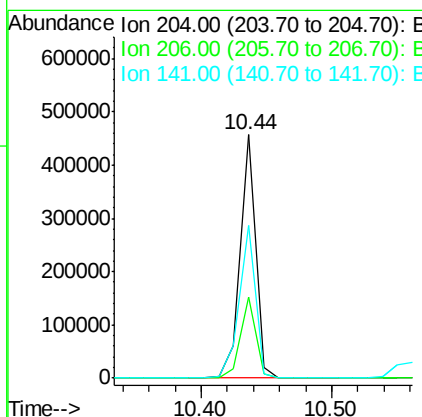
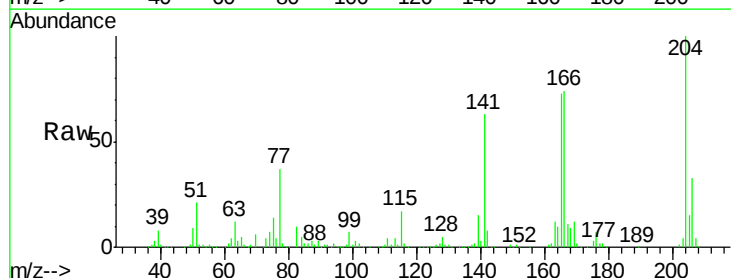
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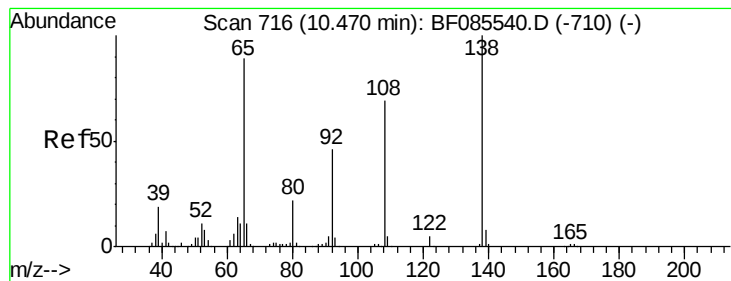
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#60  
4-Chlorophenyl-phenylether  
Concen: 48.06 ng  
RT: 10.44 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 370913 |       |       |
| 206     | 33.3  | 26.6   | 39.8  |       |
| 141     | 62.8  | 57.4   | 86.0  |       |





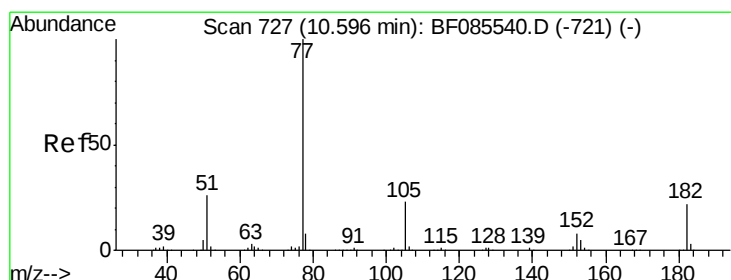
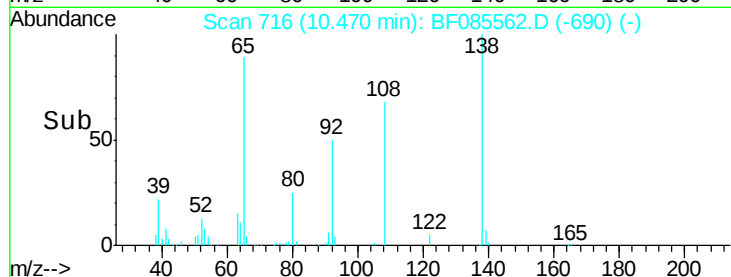
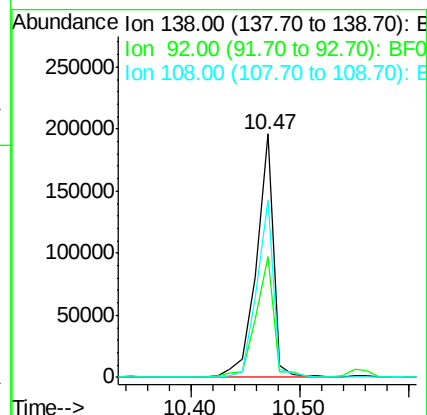
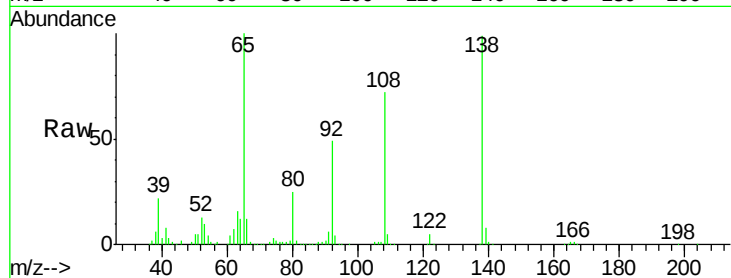
#61  
4-Nitroaniline  
Concen: 45.21 ng  
RT: 10.47 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 216356 |       |       |
| 92      | 49.8  | 26.4   | 66.4  |       |
| 108     | 72.6  | 49.0   | 89.0  |       |

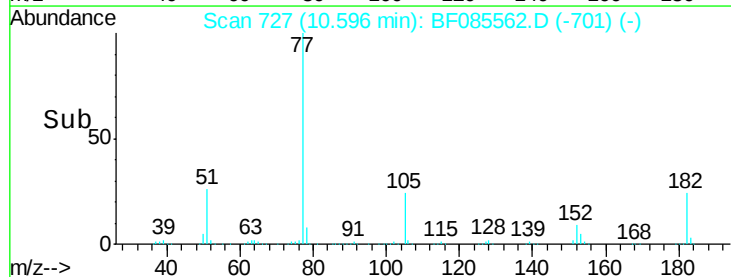
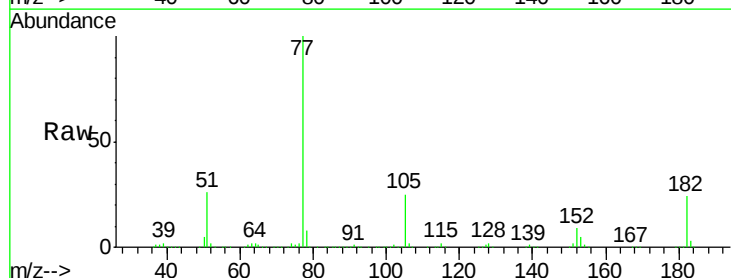
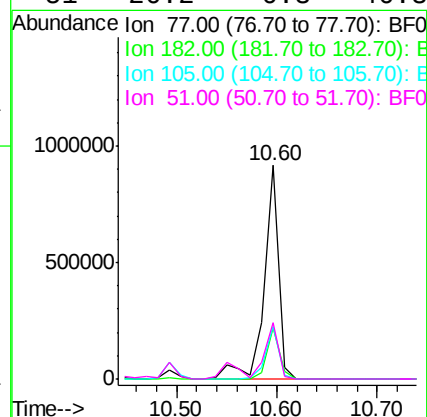
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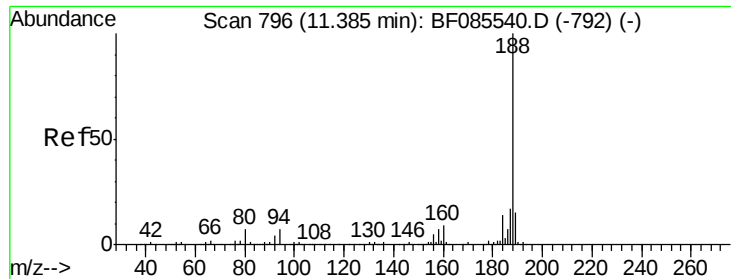
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#62  
Azobenzene  
Concen: 52.33 ng  
RT: 10.60 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 916655 |       |       |
| 182     | 24.1  | 1.9    | 41.9  |       |
| 105     | 24.5  | 3.5    | 43.5  |       |
| 51      | 26.2  | 6.3    | 46.3  |       |





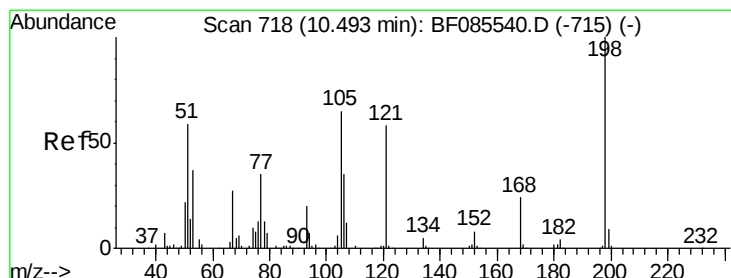
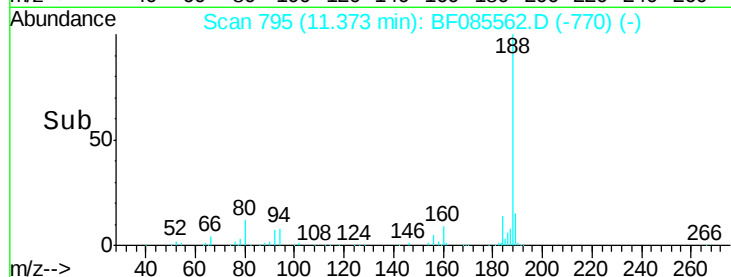
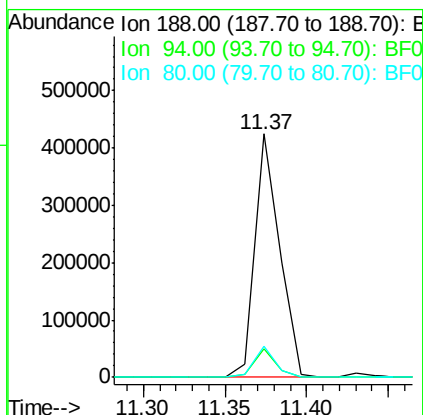
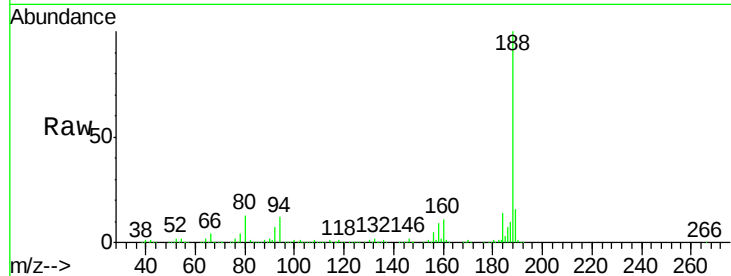
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.37 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 12.0  | 5.4        | 8.0#       |
| 80      | 12.9  | 5.5        | 8.3#       |

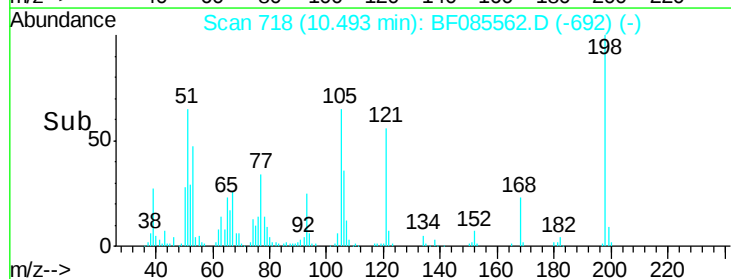
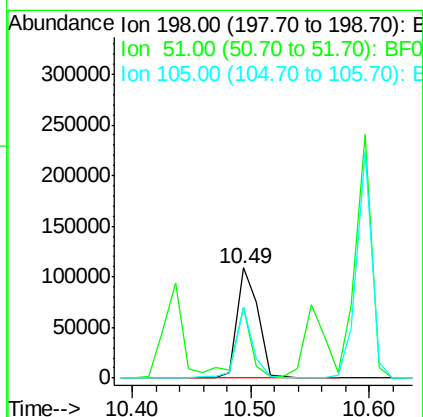
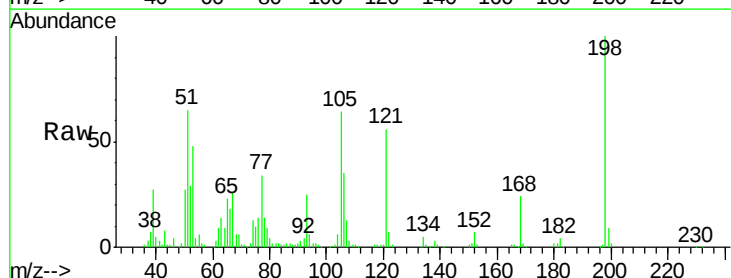
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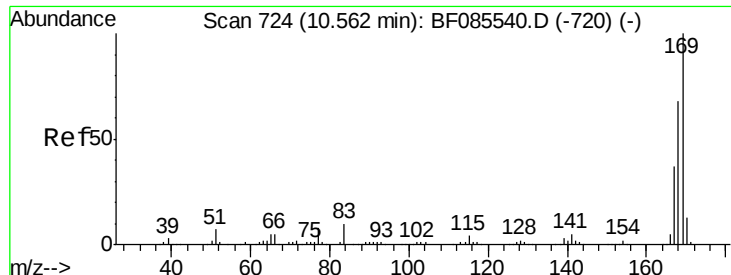
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.73 ng  
RT: 10.49 min Scan# 718  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

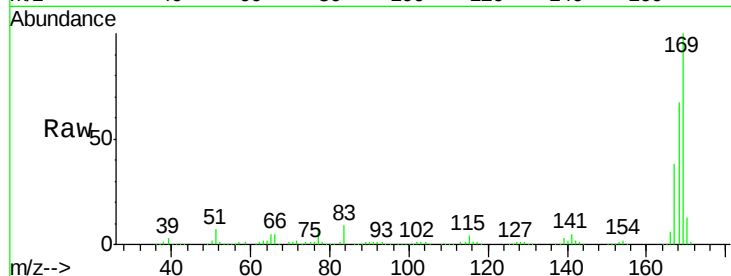
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 64.6  | 45.4       | 85.4       |
| 105     | 64.4  | 45.9       | 85.9       |





#65  
n-Nitrosodiphenylamine  
Concen: 51.48 ng  
RT: 10.56 min Scan# 724  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

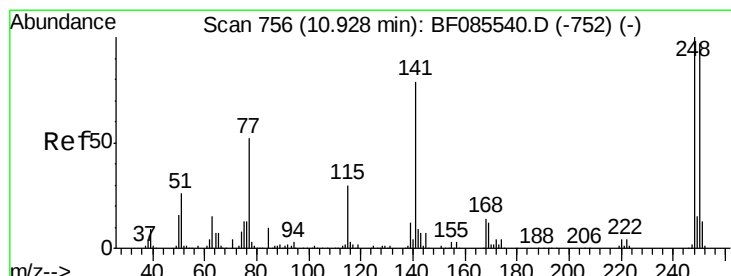
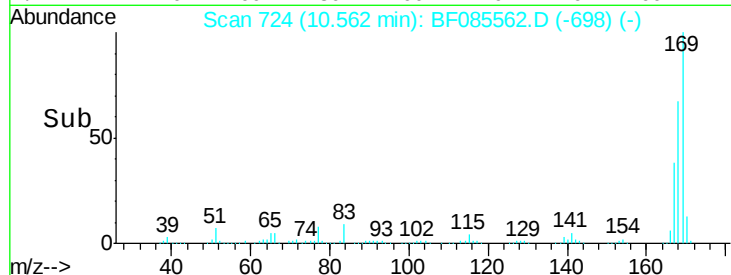
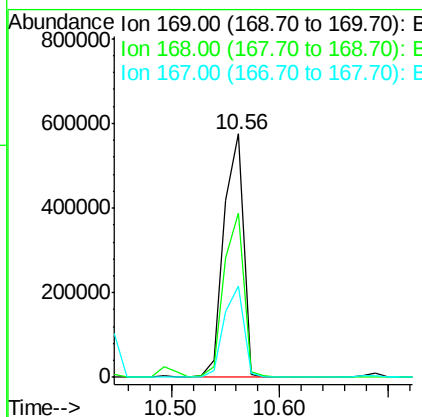
Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 719309 |       |       |
| 168     | 67.3  |        | 54.4  | 81.6  |
| 167     | 37.6  |        | 29.4  | 44.0  |

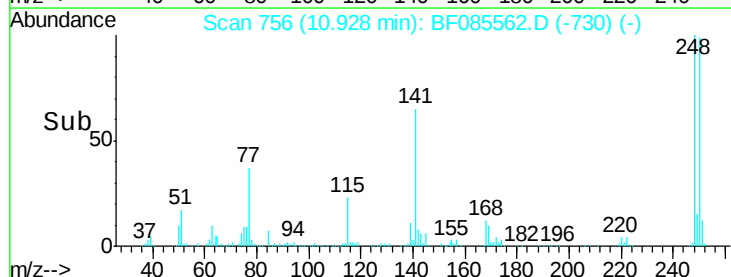
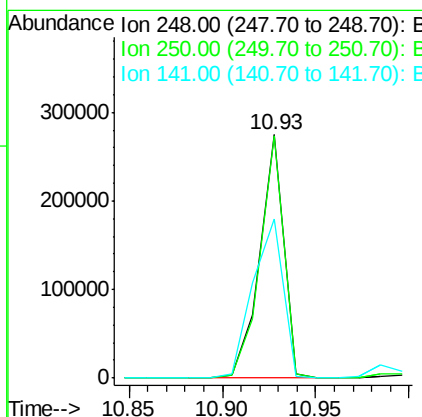
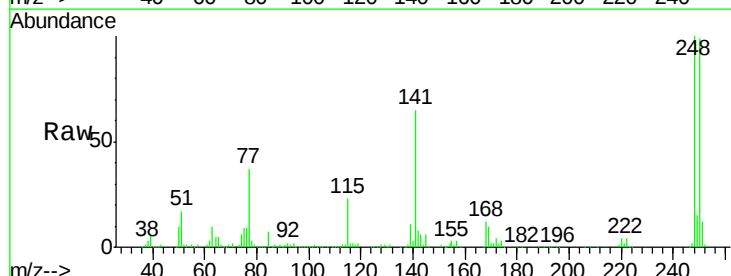
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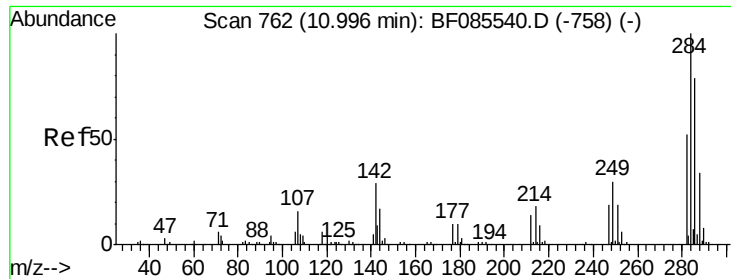
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#66  
4-Bromophenyl-phenylether  
Concen: 54.28 ng  
RT: 10.93 min Scan# 756  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 243215 |       |       |
| 250     | 99.3  |        | 77.4  | 116.0 |
| 141     | 65.3  |        | 63.6  | 95.4  |





#67

Hexachlorobenzene

Concen: 53.76 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085562.D

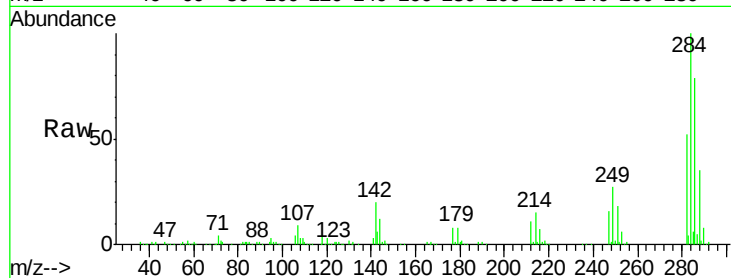
Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

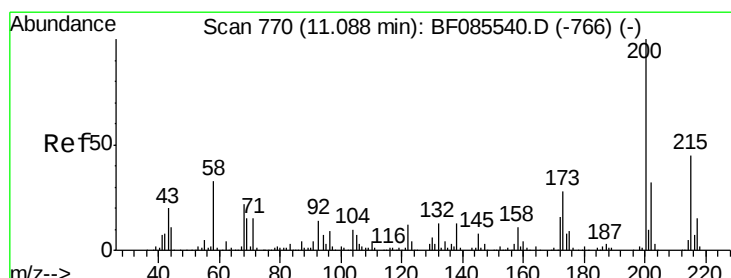
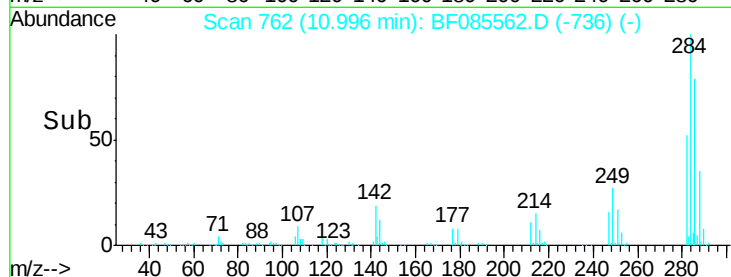
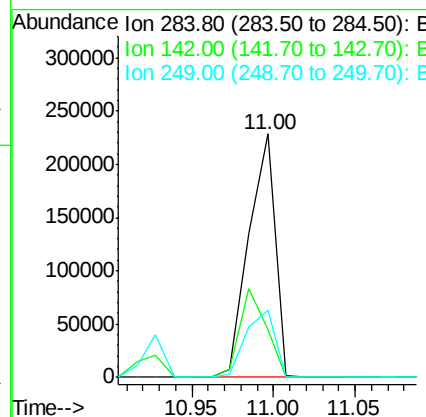
TRACK-D-GRID-8CMS



|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 284  | Resp: | 255905 |
| Ion Ratio | 100  | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 19.8 | 23.1  | 34.7#  |
| 249       | 27.3 | 24.2  | 36.2   |

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#68

Atrazine

Concen: 60.01 ng

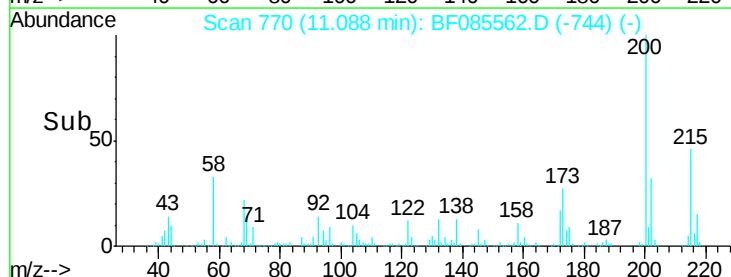
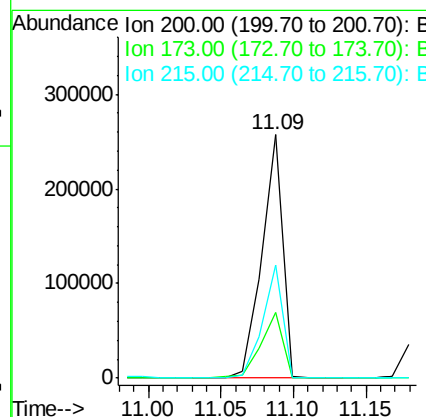
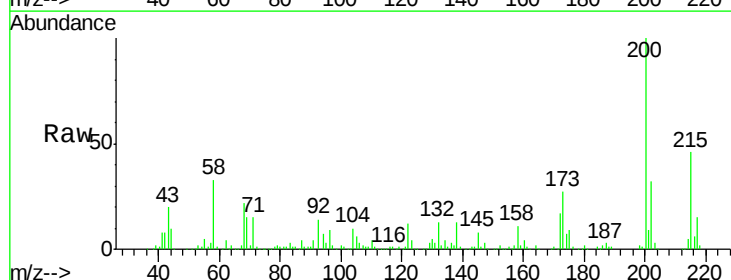
RT: 11.09 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 255266 |
| Ion Ratio | 100  | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 27.0 | 7.7   | 47.7   |
| 215       | 46.4 | 25.4  | 65.4   |





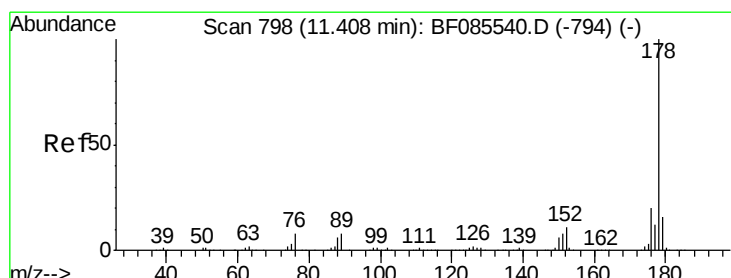
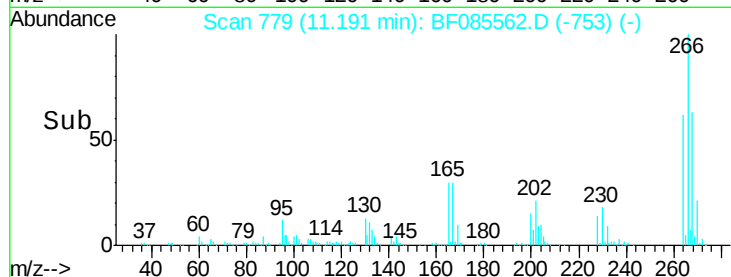
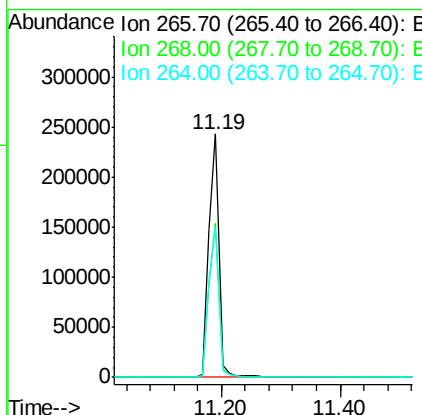
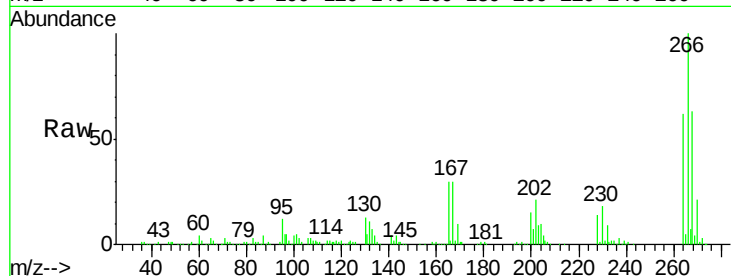
#69  
 Pentachlorophenol  
 Concen: 99.81 ng  
 RT: 11.19 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 51.5  | 77.3  |
| 264     | 61.6  | 50.6  | 76.0  |

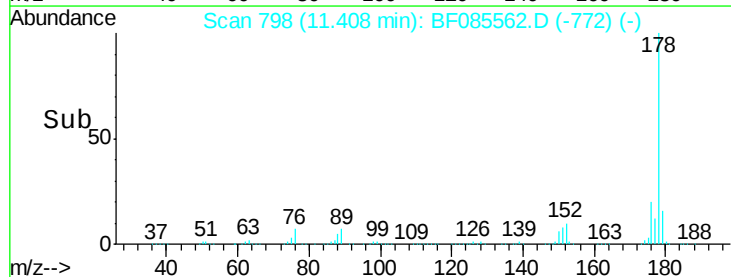
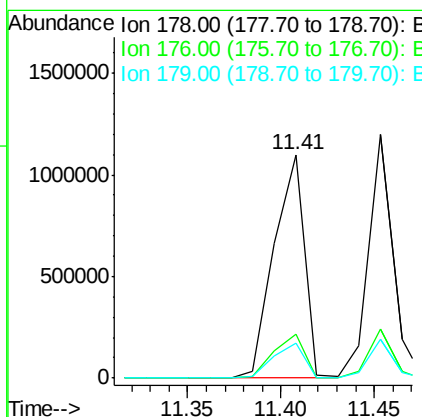
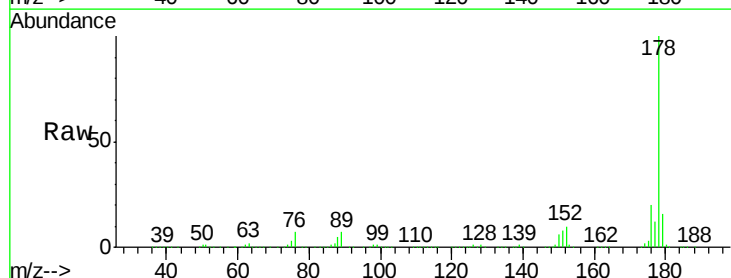
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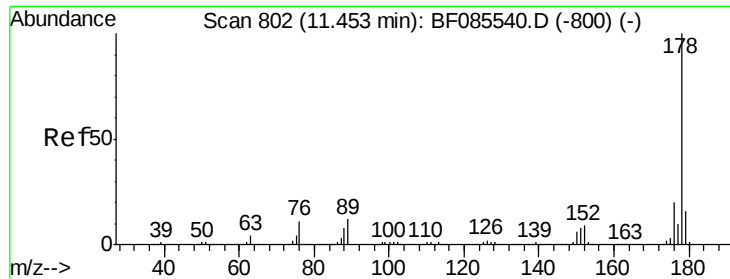
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#70  
 Phenanthrene  
 Concen: 52.83 ng  
 RT: 11.41 min Scan# 798  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 16.3  | 24.5  |
| 179     | 15.6  | 12.6  | 18.8  |





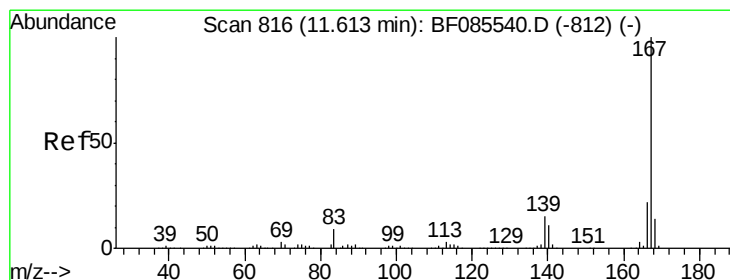
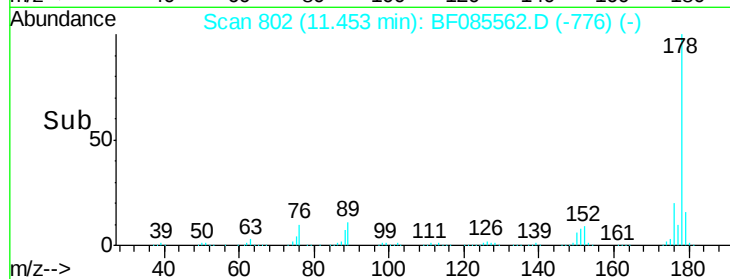
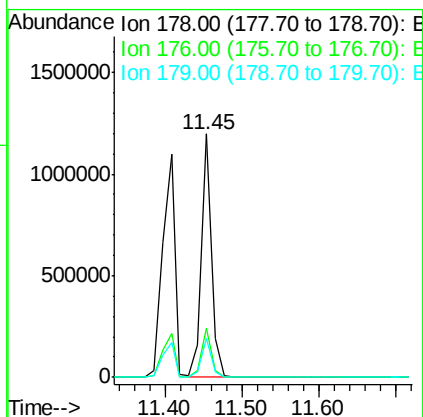
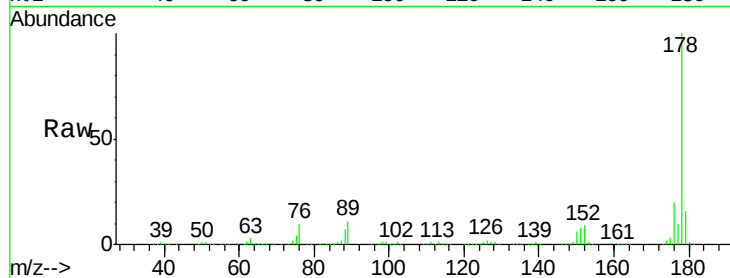
#71  
 Anthracene  
 Concen: 43.49 ng  
 RT: 11.45 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

Tgt Ion:178 Resp: 1078385  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 15.9 23.9  
 179 16.2 13.0 19.4

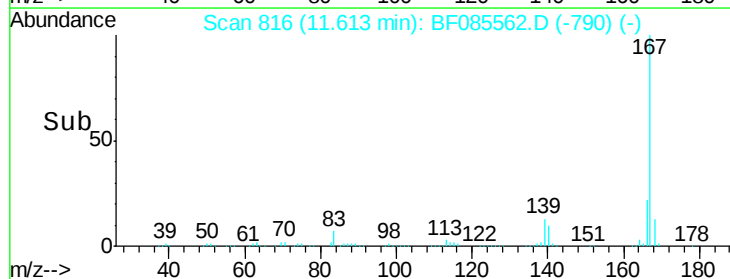
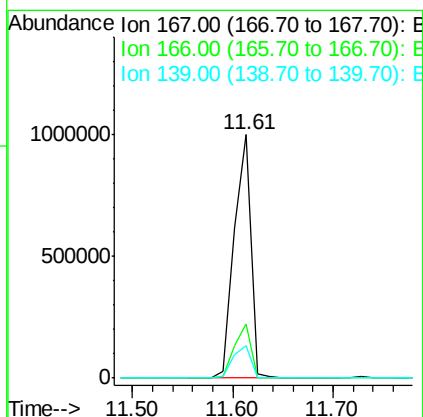
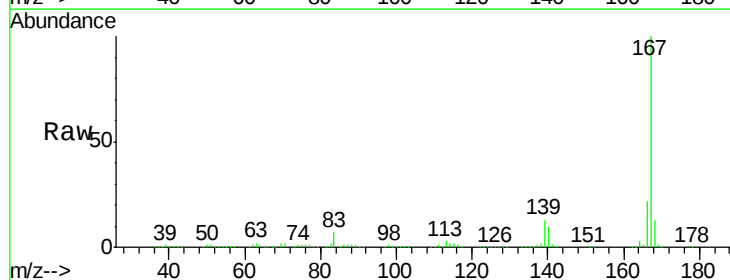
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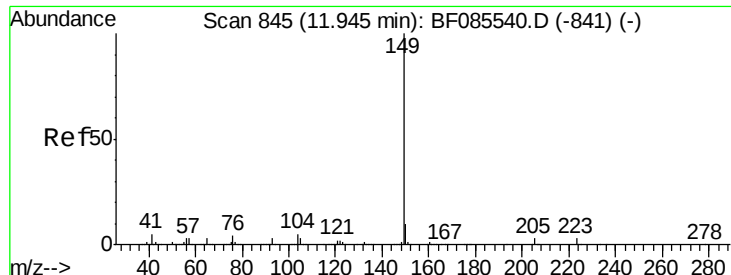
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#72  
 Carbazole  
 Concen: 53.77 ng  
 RT: 11.61 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Tgt Ion:167 Resp: 1150272  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.8 26.8  
 139 13.4 11.6 17.4





#73

Di-n-butylphthalate

Concen: 52.40 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

TRACK-D-GRID-8CMS

Tgt Ion:149 Resp: 1403846

Ion Ratio Lower Upper

149 100

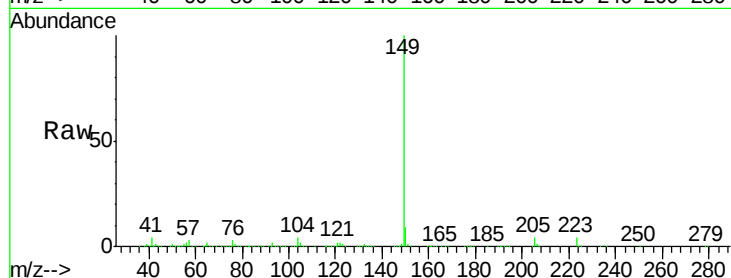
150 9.2 7.6 11.4

104 4.2 3.8 5.8

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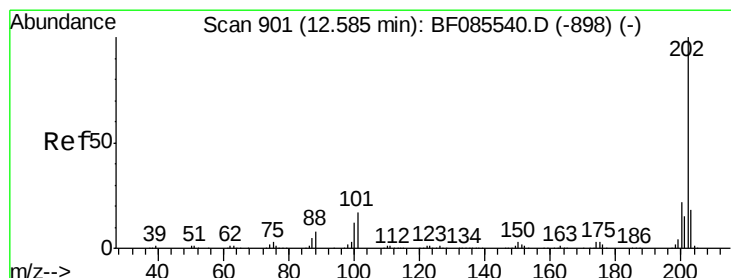
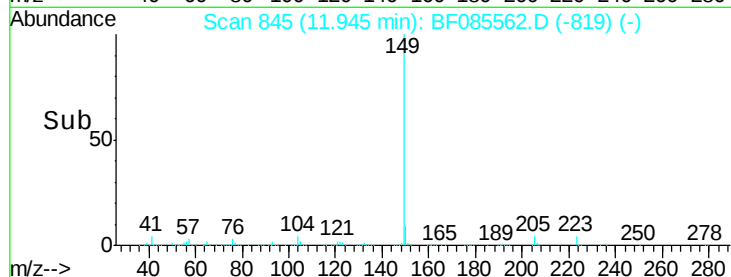
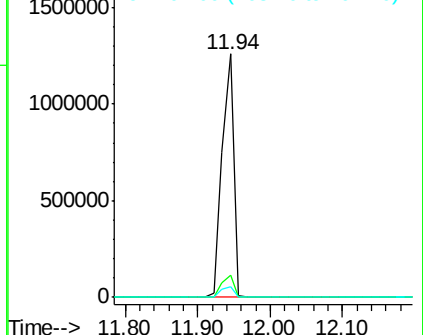
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.62 ng

RT: 12.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

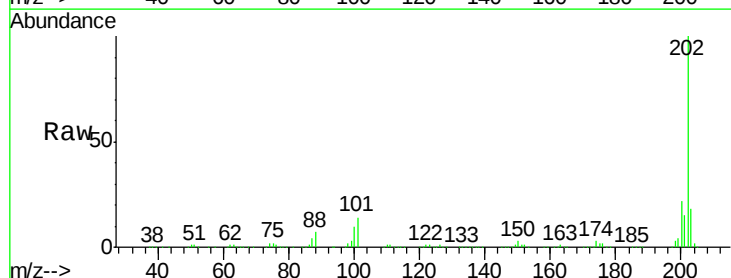
Tgt Ion:202 Resp: 1104961

Ion Ratio Lower Upper

202 100

101 14.2 0.0 36.6

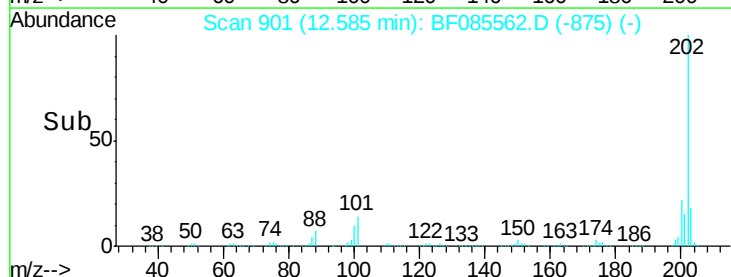
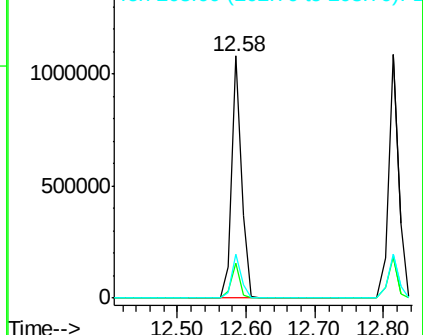
203 18.3 0.0 38.1

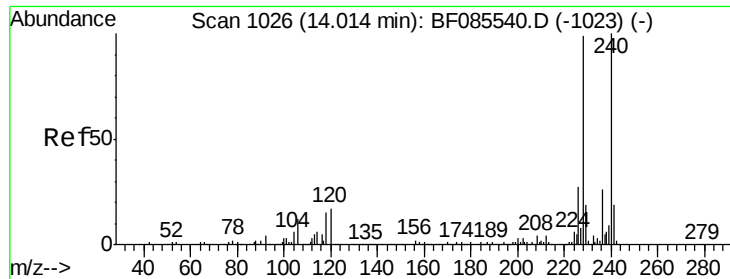


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

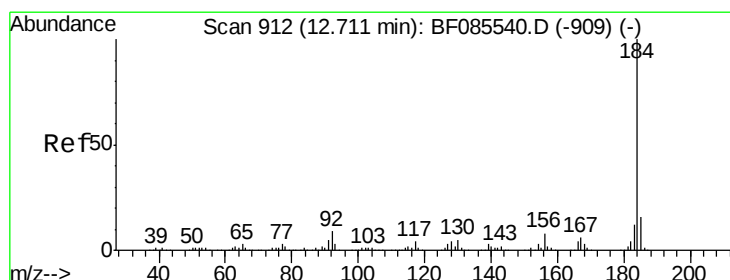
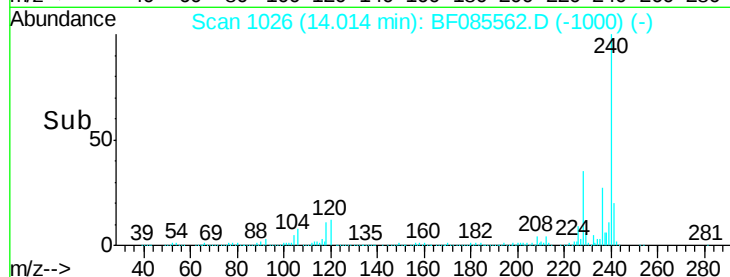
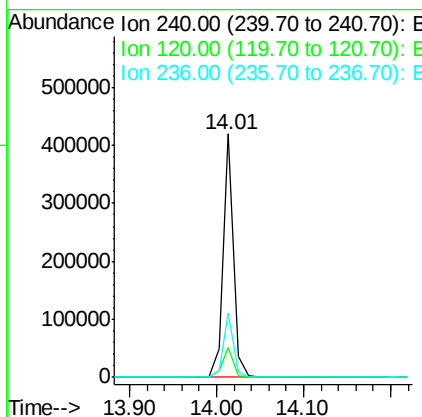
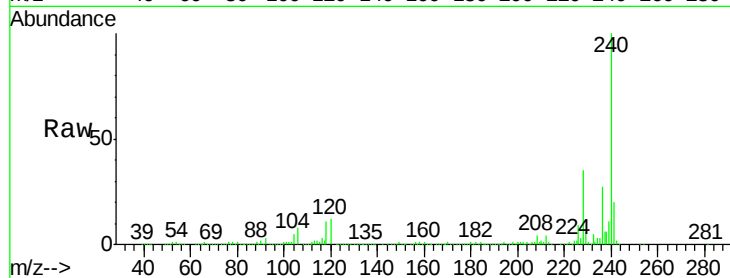
ClientSampleId :

TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.0  | 13.8  | 20.8# |
| 236     | 26.7  | 20.6  | 30.8  |

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#76

Benzidine

Concen: 35.75 ng

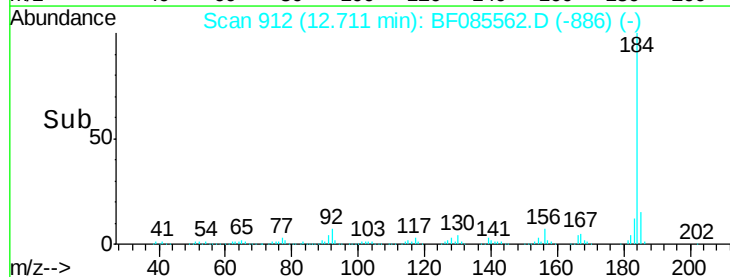
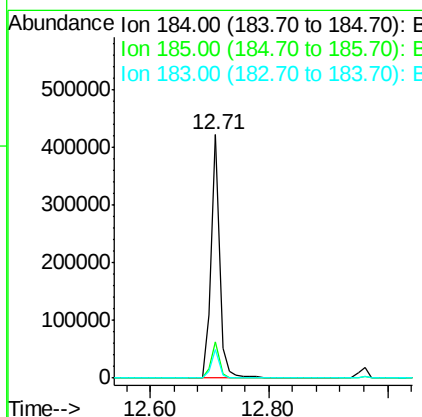
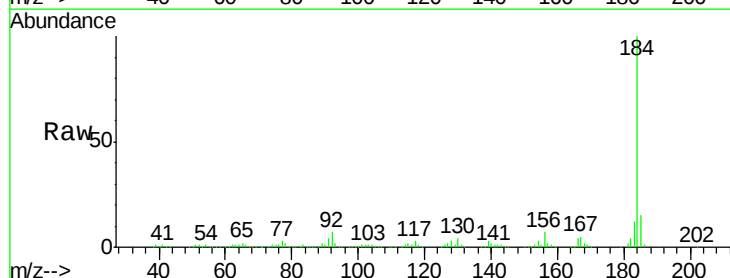
RT: 12.71 min Scan# 912

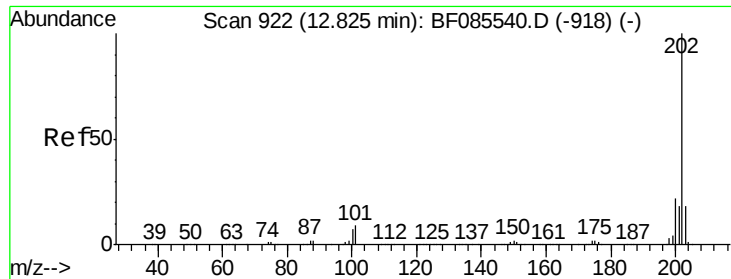
Delta R.T. 0.00 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.7  | 12.4  | 18.6  |
| 183     | 11.5  | 9.4   | 14.2  |





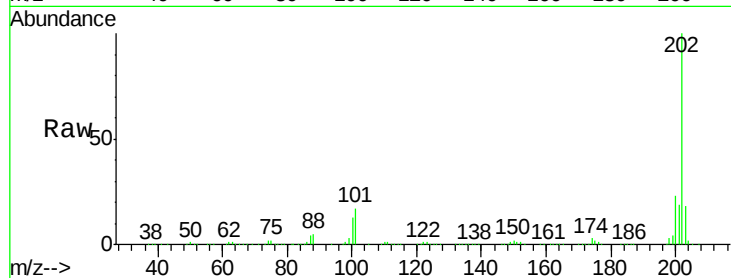
#77  
 Pyrene  
 Concen: 43.91 ng  
 RT: 12.81 min Scan# 921  
 Delta R.T. -0.01 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

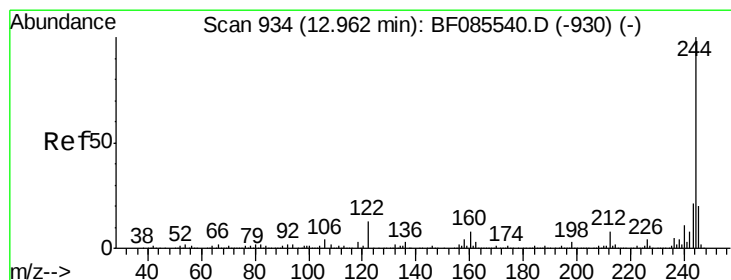
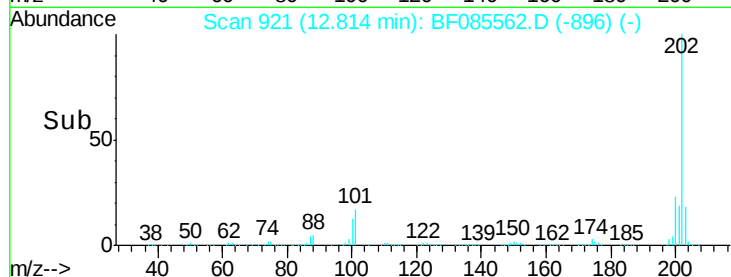
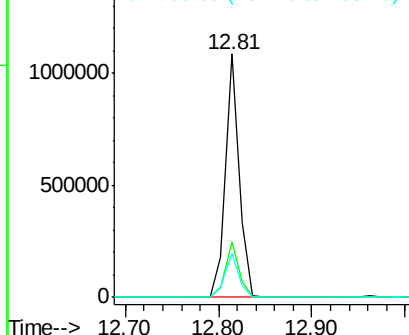
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.7  | 17.6  | 26.4  |
| 203     | 18.2  | 14.0  | 21.0  |

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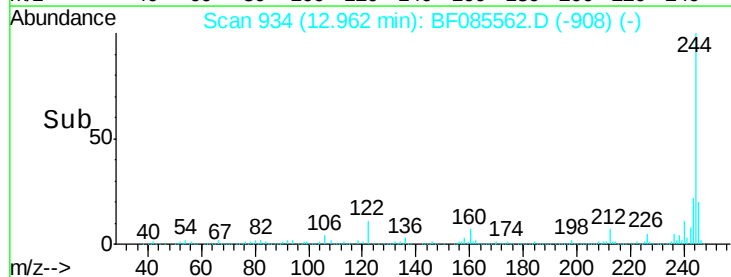
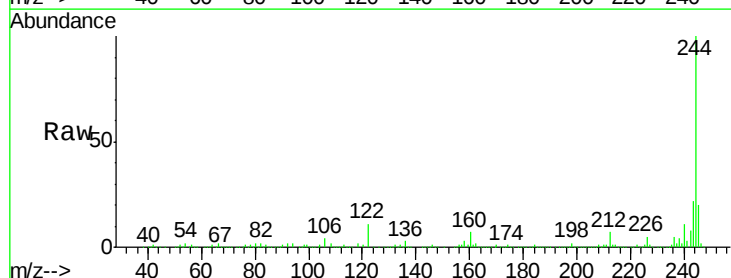
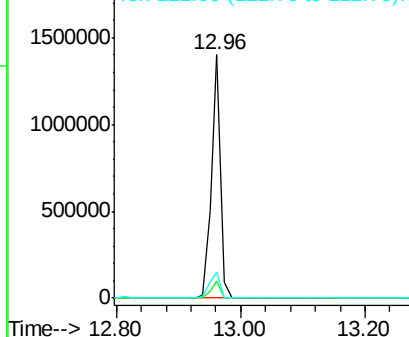
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

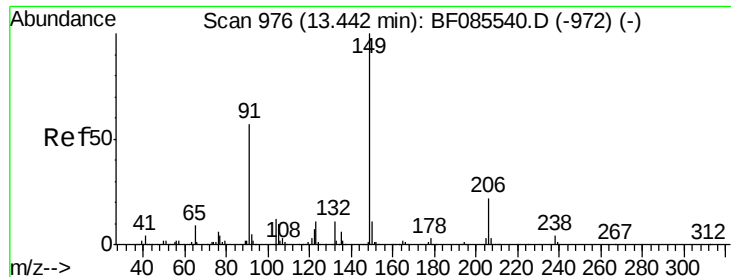


#78  
 Terphenyl-d14  
 Concen: 95.26 ng  
 RT: 12.96 min Scan# 934  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 6.1   | 9.1   |
| 122     | 10.9  | 10.2  | 15.4  |

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





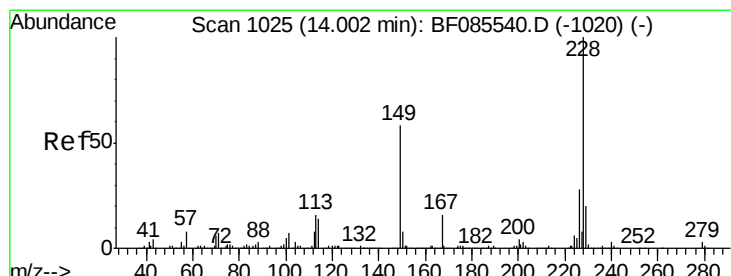
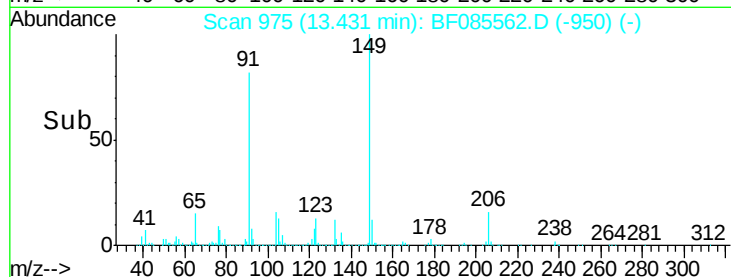
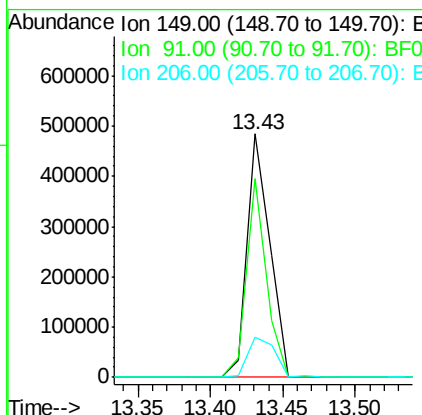
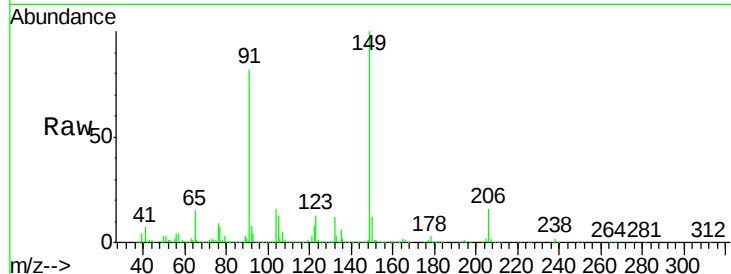
#79  
Butylbenzylphthalate  
Concen: 43.63 ng  
RT: 13.43 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 81.8  | 45.8       | 68.8#      |
| 206     | 16.3  | 17.8       | 26.8#      |

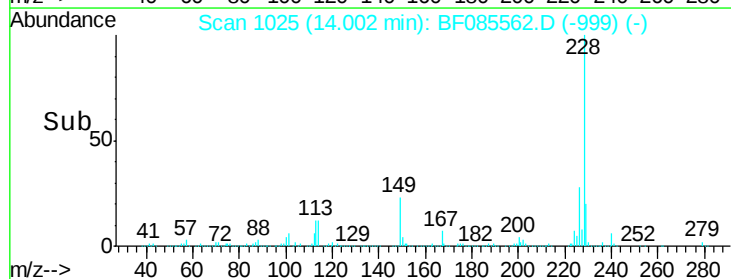
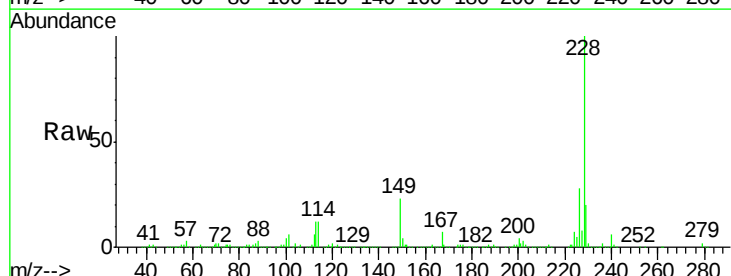
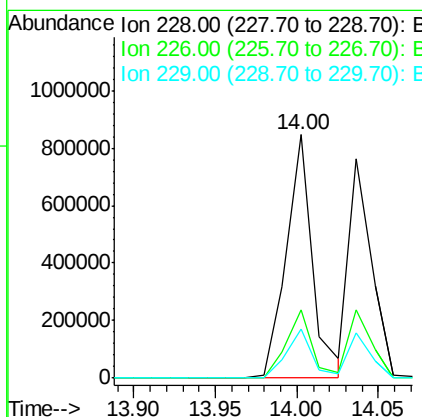
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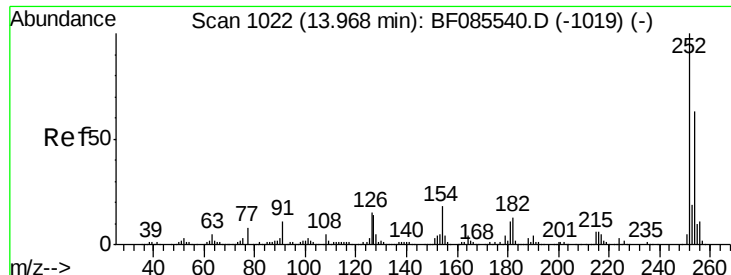
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#80  
Benzo(a)anthracene  
Concen: 46.60 ng  
RT: 14.00 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.9  | 22.1       | 33.1       |
| 229     | 19.9  | 16.2       | 24.4       |





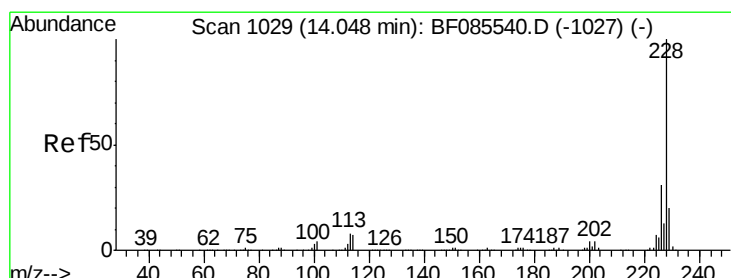
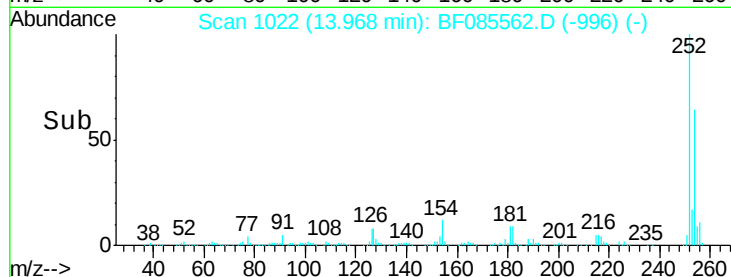
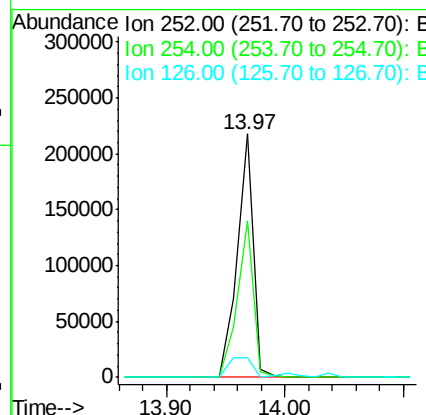
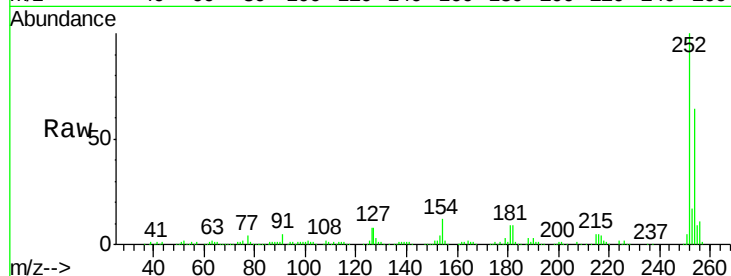
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.43 ng  
 RT: 13.97 min Scan# 1022  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.1  | 50.7       | 76.1       |
| 126     | 8.2   | 11.8       | 17.6       |

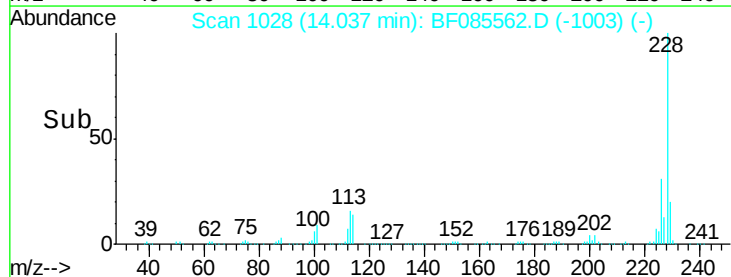
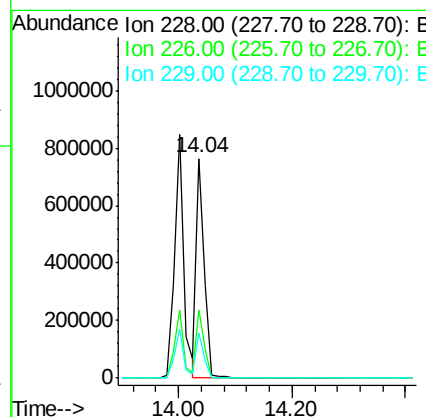
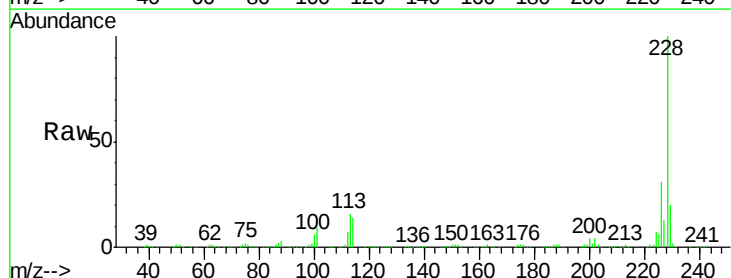
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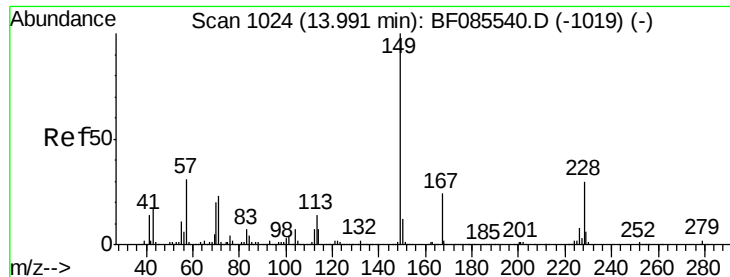
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#82  
 Chrysene  
 Concen: 39.12 ng  
 RT: 14.04 min Scan# 1028  
 Delta R.T. -0.01 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.3  | 25.0       | 37.6       |
| 229     | 20.3  | 15.7       | 23.5       |





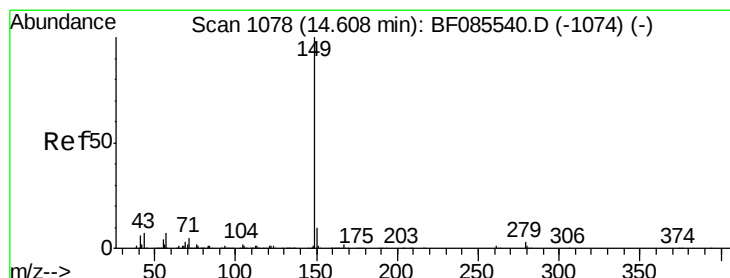
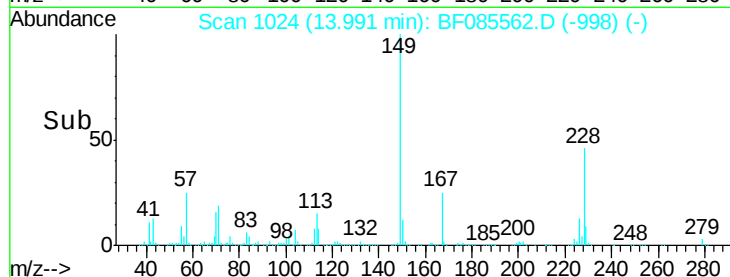
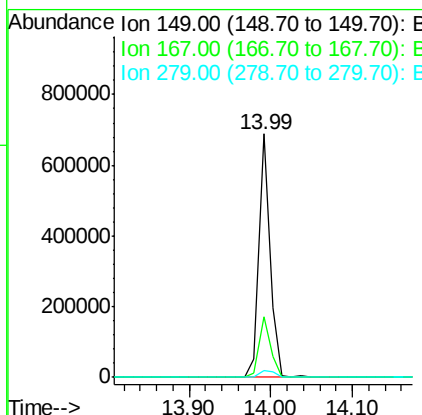
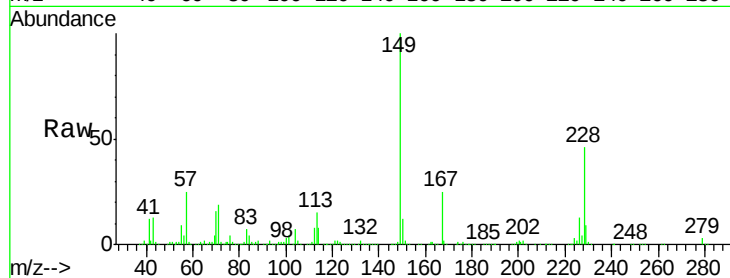
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.47 ng  
 RT: 13.99 min Scan# 1024  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.1  | 19.4  | 29.2  |
| 279     | 2.6   | 1.5   | 2.3   |

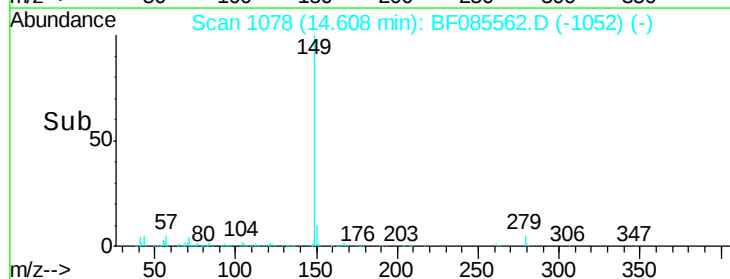
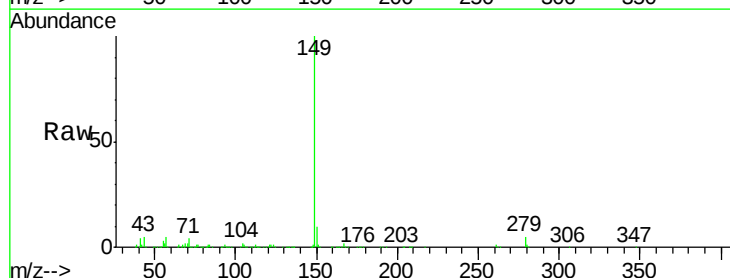
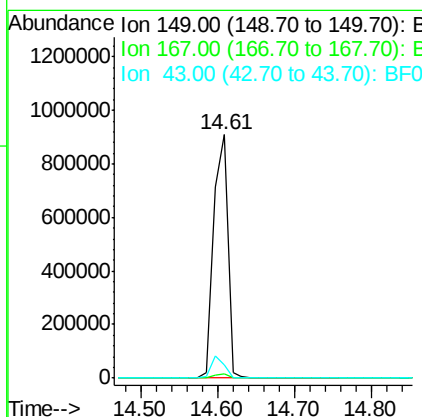
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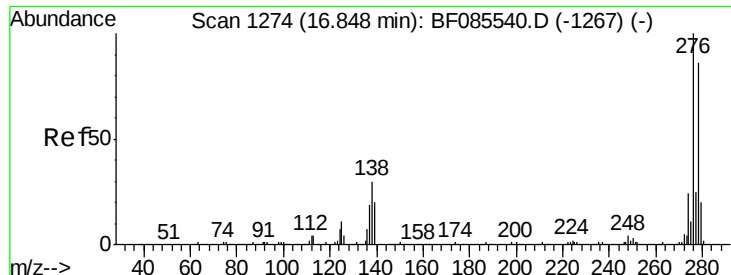
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#84  
 Di-n-octyl phthalate  
 Concen: 47.24 ng  
 RT: 14.61 min Scan# 1078  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 8.2   | 7.1   | 10.7  |





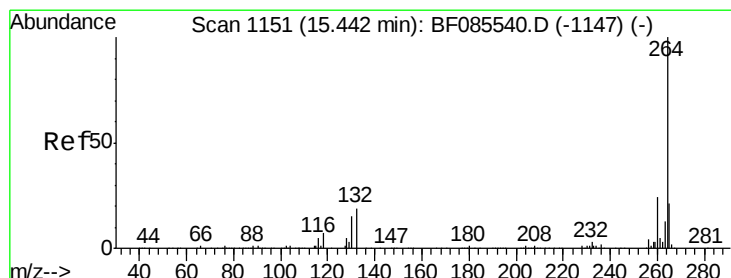
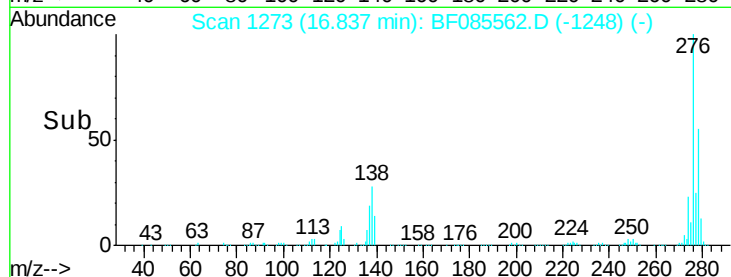
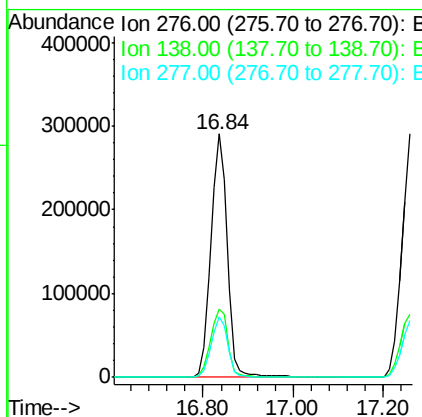
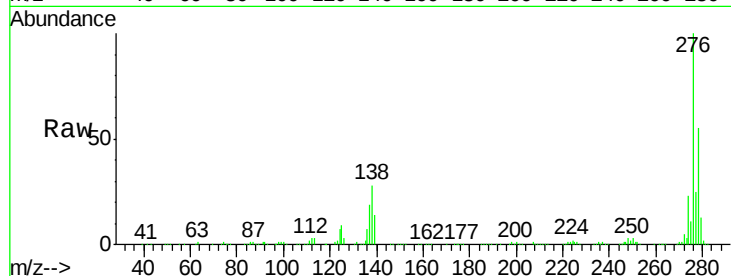
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.08 ng  
 RT: 16.84 min Scan# 1273  
 Delta R.T. -0.01 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 29.9  | 24.2       | 36.4       |
| 277     | 25.2  | 20.0       | 30.0       |

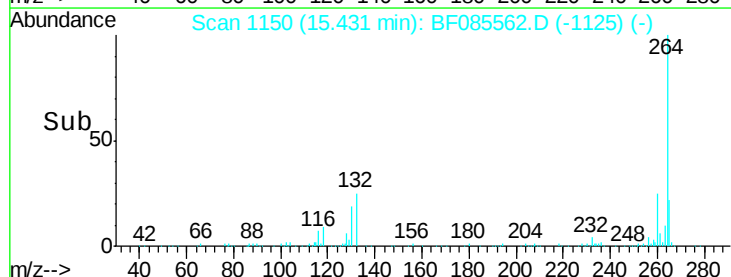
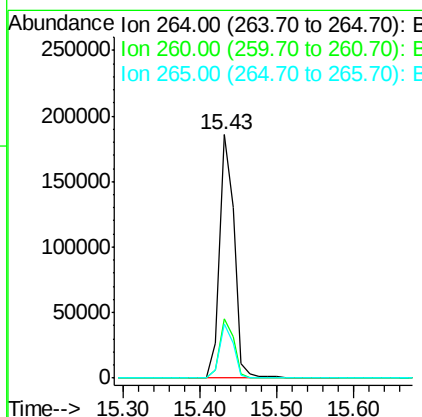
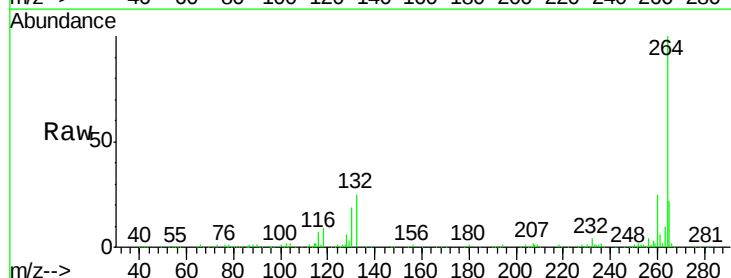
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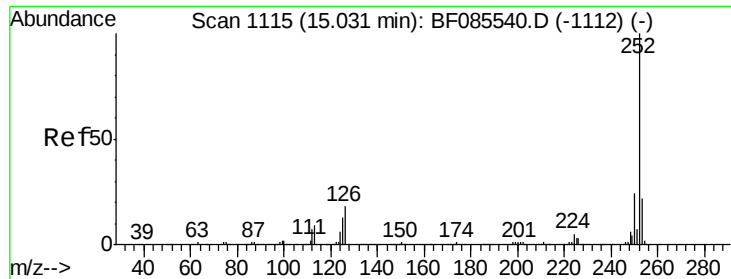
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.43 min Scan# 1150  
 Delta R.T. -0.01 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 24.5  | 19.4       | 29.2       |
| 265     | 22.1  | 17.2       | 25.8       |





#87

Benzo(b)fluoranthene

Concen: 49.61 ng

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF085562.D

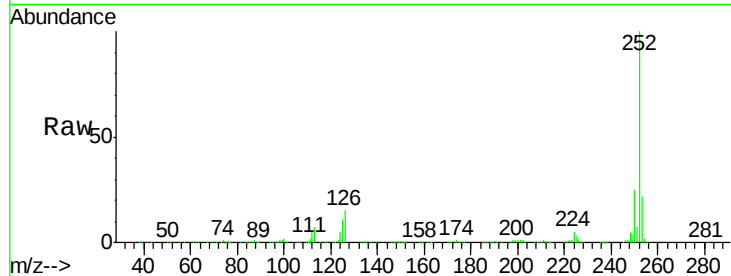
Acq: 19 Mar 2016 8:54

Instrument :

BNA\_F

ClientSampleId :

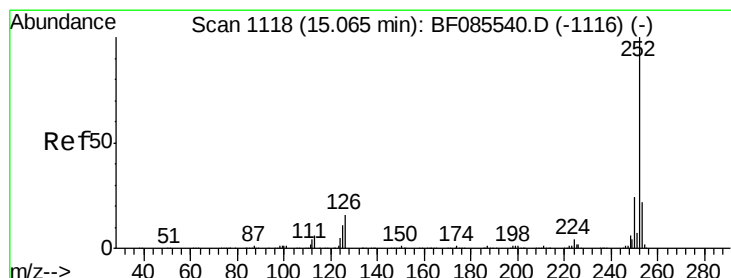
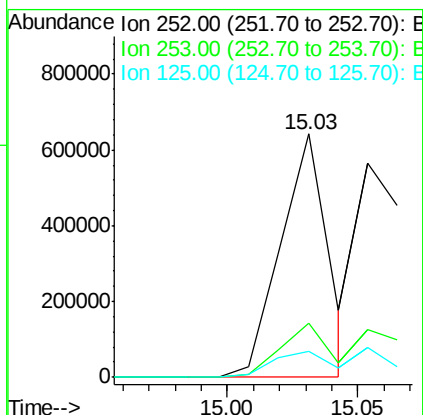
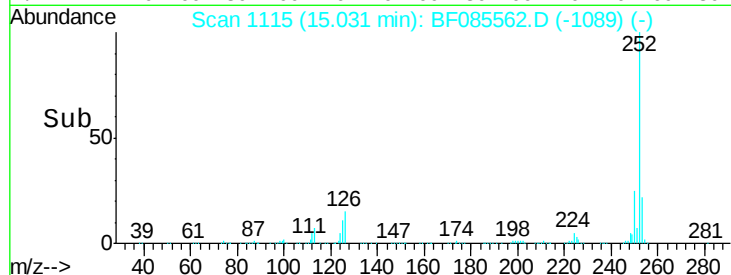
TRACK-D-GRID-8CMS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.6  | 26.4  |
| 125     | 10.8  | 10.3  | 15.5  |

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#88

Benzo(k)fluoranthene

Concen: 54.50 ng m

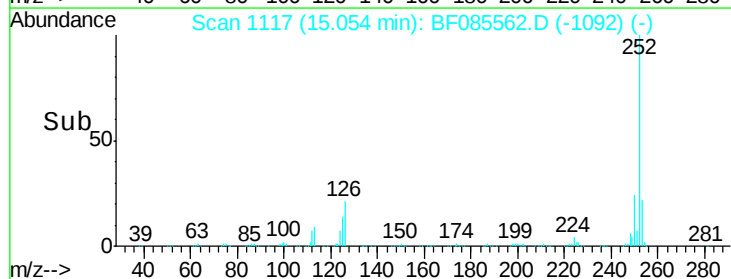
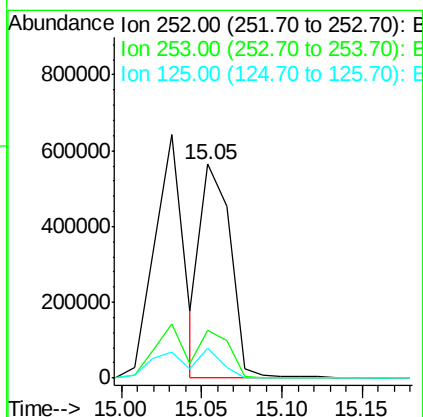
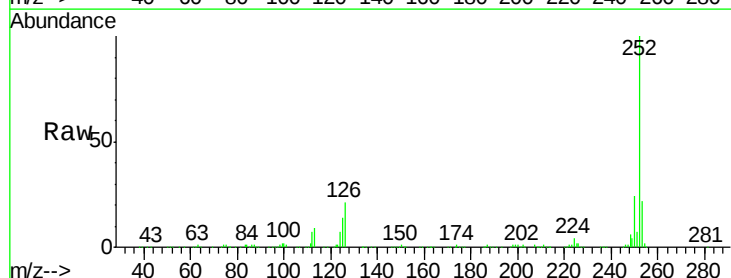
RT: 15.05 min Scan# 1117

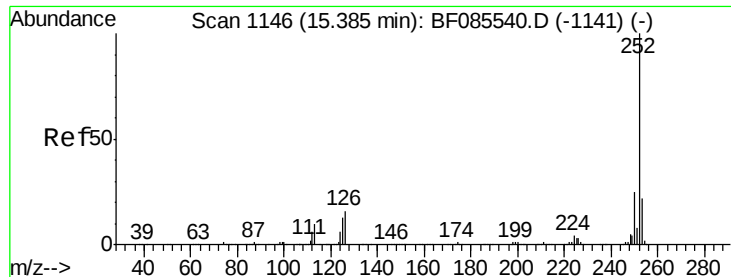
Delta R.T. -0.01 min

Lab File: BF085562.D

Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.6  |
| 125     | 14.0  | 7.7   | 11.5# |





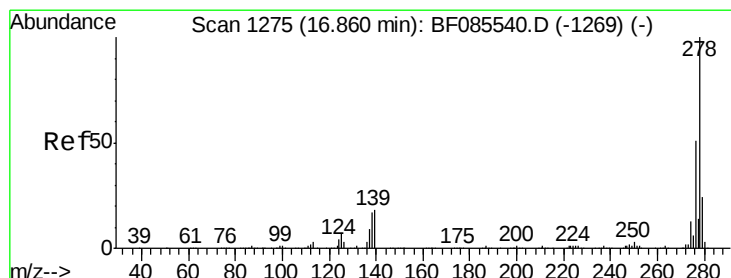
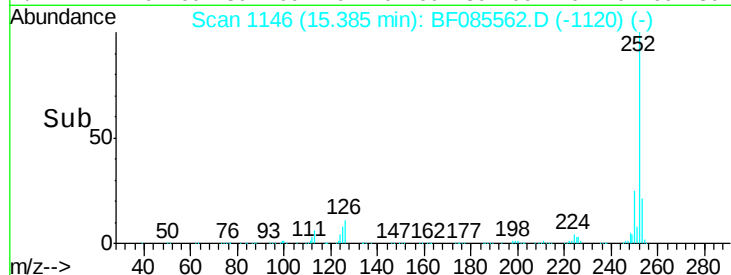
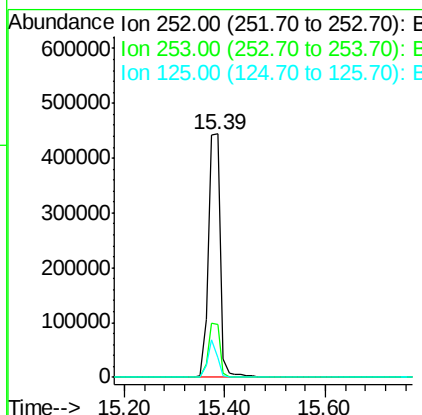
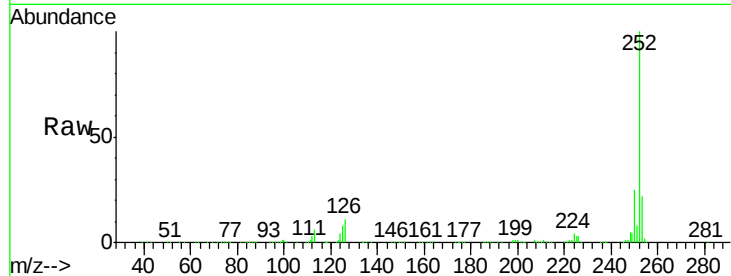
#89  
Benzo(a)pyrene  
Concen: 52.52 ng  
RT: 15.39 min Scan# 1146  
Delta R.T. 0.00 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

Instrument :  
BNA\_F  
ClientSampleId :  
TRACK-D-GRID-8CMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.4  | 26.0  |
| 125     | 8.2   | 10.3  | 15.5  |

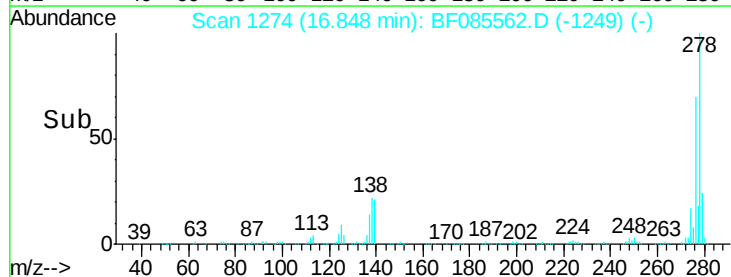
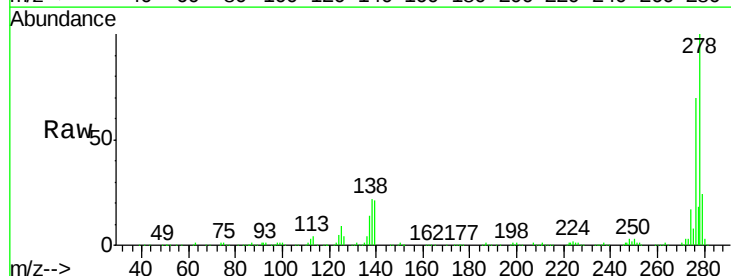
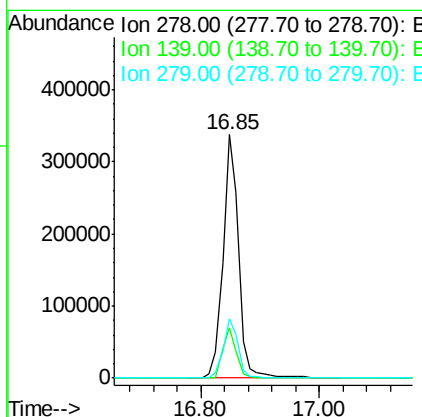
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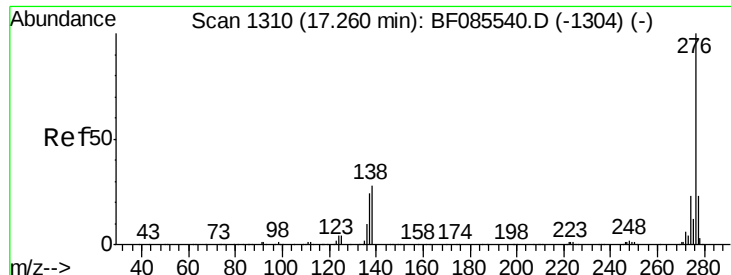
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#90  
Dibenzo(a,h)anthracene  
Concen: 53.50 ng  
RT: 16.85 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BF085562.D  
Acq: 19 Mar 2016 8:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.6  | 14.4  | 21.6  |
| 279     | 24.3  | 19.1  | 28.7  |





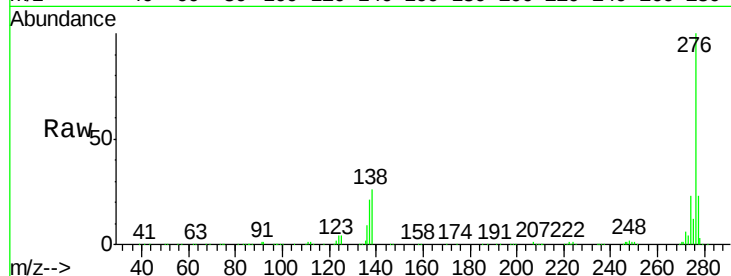
#91  
 Benzo(g,h,i)perylene  
 Concen: 55.01 ng  
 RT: 17.26 min Scan# 1310  
 Delta R.T. 0.00 min  
 Lab File: BF085562.D  
 Acq: 19 Mar 2016 8:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRACK-D-GRID-8CMS

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 276   | Resp  | 611915 |
| Ion | Ratio | Lower | Upper |        |
| 276 | 100   |       |       |        |
| 277 | 23.4  | 18.8  | 28.2  |        |
| 138 | 25.9  | 22.6  | 34.0  |        |

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Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

