

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF090816\  
 Data File : BF090026.D  
 Acq On : 8 Sep 2016 16:00  
 Operator : UM/SJ  
 Sample : H4680-13MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

Manual Integrations  
 APPROVED

umangi  
 9/9/2016 11:19:15 AM

Quant Time: Sep 08 16:32:12 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 08 16:07:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 191017   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 737572   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.63  | 164  | 365408   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.11 | 188  | 654626   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.73 | 240  | 407951   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.06 | 264  | 400741   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.19  | 112 | 1674005 | 140.27 | ng | 0.02 |
| 7) Phenol-d6             | 6.26  | 99  | 2160086 | 148.97 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.18  | 82  | 1310410 | 103.04 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.42 | 330 | 478541  | 132.74 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 8.97  | 172 | 2127280 | 95.56  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.69 | 244 | 1691406 | 102.42 | ng | 0.00 |

## Target Compounds

|                                |      |     |          |       |    | Qvalue |
|--------------------------------|------|-----|----------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.08 | 88  | 198945   | 35.19 | ng | 96     |
| 3) Pyridine                    | 2.71 | 79  | 565686   | 37.50 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.67 | 42  | 347531   | 46.72 | ng | 96     |
| 6) Aniline                     | 6.28 | 93  | 741575   | 37.48 | ng | 89     |
| 8) 2-Chlorophenol              | 6.39 | 128 | 593315   | 45.83 | ng | 89     |
| 9) Benzaldehyde                | 6.14 | 77  | 88664    | 9.48  | ng | 89     |
| 10) Phenol                     | 6.27 | 94  | 645389   | 38.27 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 667749   | 52.33 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.54 | 146 | 665696   | 46.04 | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 6.62 | 146 | 677706   | 45.81 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 648929   | 48.93 | ng | 98     |
| 15) Benzyl Alcohol             | 6.76 | 79  | 489562   | 53.89 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 1105686  | 45.44 | ng | 92     |
| 17) 2-Methylphenol             | 6.88 | 107 | 479953   | 46.42 | ng | 98     |
| 18) Hexachloroethane           | 7.12 | 117 | 237047   | 46.78 | ng | # 82   |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70  | 409270   | 43.31 | ng | 93     |
| 20) 3+4-Methylphenols          | 7.04 | 107 | 602416   | 48.07 | ng | # 75   |
| 22) Acetophenone               | 7.03 | 105 | 799356   | 48.31 | ng | # 92   |
| 24) Nitrobenzene               | 7.20 | 77  | 699661   | 51.75 | ng | # 86   |
| 25) Isophorone                 | 7.44 | 82  | 1205436  | 46.61 | ng | 100    |
| 26) 2-Nitrophenol              | 7.51 | 139 | 345889   | 53.52 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.56 | 122 | 554438   | 46.37 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.66 | 93  | 734923   | 47.12 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.76 | 162 | 582117   | 54.31 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 598613   | 51.08 | ng | 99     |
| 31) Naphthalene                | 7.91 | 128 | 1732040m | 47.14 | ng |        |
| 32) Benzoic acid               | 7.66 | 122 | 69747    | 8.66  | ng | 88     |
| 33) 4-Chloroaniline            | 7.98 | 127 | 602239   | 40.62 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.03 | 225 | 316219   | 46.05 | ng | 98     |
| 35) Caprolactam                | 8.35 | 113 | 172084m  | 50.87 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.47 | 107 | 592546   | 52.20 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.60 | 142 | 1304870  | 53.74 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 474361   | 44.31 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.75 | 237 | 403406   | 73.50 | ng | 94     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

Manual Integrations  
 APPROVED

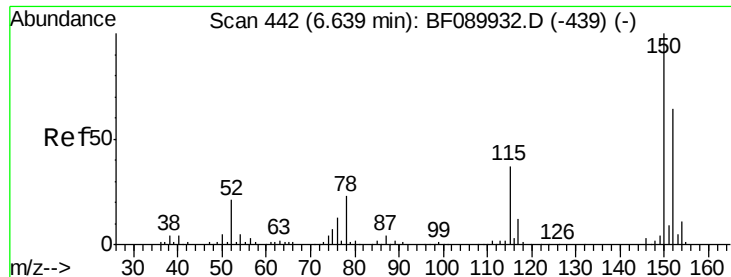
umangi  
 9/9/2016 11:19:15 AM

Quant Time: Sep 08 16:32:12 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF083116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 08 16:07:52 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.89  | 196  | 396305   | 53.42 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 8.94  | 196  | 421070   | 59.02 | ng #  | 90       |
| 45) 1,1'-Biphenyl              | 9.07  | 154  | 1334956  | 45.37 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.08  | 162  | 1048095  | 50.36 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.19  | 65   | 348174   | 51.17 | ng    | 92       |
| 48) Acenaphthylene             | 9.50  | 152  | 1514723  | 44.02 | ng    | 100      |
| 49) Dimethylphthalate          | 9.38  | 163  | 2312015  | 87.54 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.44  | 165  | 316609   | 53.90 | ng    | 95       |
| 51) Acenaphthene               | 9.67  | 154  | 1060909  | 48.66 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.60  | 138  | 298414   | 44.54 | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 9.70  | 184  | 140064   | 45.56 | ng    | 92       |
| 54) Dibenzofuran               | 9.84  | 168  | 1419396  | 48.58 | ng    | 98       |
| 55) 4-Nitrophenol              | 9.78  | 139  | 462348   | 91.50 | ng #  | 71       |
| 56) 2,4-Dinitrotoluene         | 9.84  | 165  | 381673   | 51.24 | ng #  | 89       |
| 57) Fluorene                   | 10.18 | 166  | 1053598  | 49.35 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.96  | 232  | 337360   | 55.24 | ng    | 98       |
| 59) Diethylphthalate           | 10.08 | 149  | 1328312  | 53.46 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.18 | 204  | 513749   | 51.13 | ng #  | 91       |
| 61) 4-Nitroaniline             | 10.22 | 138  | 304817   | 46.31 | ng    | 92       |
| 62) Azobenzene                 | 10.34 | 77   | 1311171  | 52.83 | ng    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 10.24 | 198  | 145573   | 34.73 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 10.31 | 169  | 1086455  | 55.20 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.66 | 248  | 352388   | 53.47 | ng    | 94       |
| 67) Hexachlorobenzene          | 10.72 | 284  | 357995   | 47.56 | ng    | 95       |
| 68) Atrazine                   | 10.83 | 200  | 291889   | 44.43 | ng    | 98       |
| 69) Pentachlorophenol          | 10.92 | 266  | 384742   | 95.00 | ng    | 99       |
| 70) Phenanthrene               | 11.13 | 178  | 1587216  | 48.69 | ng    | 100      |
| 71) Anthracene                 | 11.19 | 178  | 1764794  | 53.38 | ng    | 99       |
| 72) Carbazole                  | 11.34 | 167  | 1464034  | 47.22 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.69 | 149  | 1835050  | 50.78 | ng    | 98       |
| 74) Fluoranthene               | 12.31 | 202  | 1674955  | 49.03 | ng    | 98       |
| 76) Benzidine                  | 12.45 | 184  | 261068   | 16.89 | ng    | 98       |
| 77) Pyrene                     | 12.54 | 202  | 1634286  | 56.82 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.17 | 149  | 629322   | 54.25 | ng    | 99       |
| 80) Benzo(a)anthracene         | 13.71 | 228  | 1340319  | 53.64 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.69 | 252  | 384883   | 42.67 | ng #  | 96       |
| 82) Chrysene                   | 13.75 | 228  | 1212608m | 51.95 | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 855554   | 53.33 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.34 | 149  | 1475922  | 56.99 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.29 | 276  | 1043269  | 60.46 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.71 | 252  | 1425153m | 56.77 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.73 | 252  | 971006m  | 45.58 | ng    |          |
| 89) Benzo(a)pyrene             | 15.02 | 252  | 1192072  | 55.42 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 16.30 | 278  | 856594   | 54.35 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 16.65 | 276  | 876846   | 55.27 | ng    | 100      |

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





#1

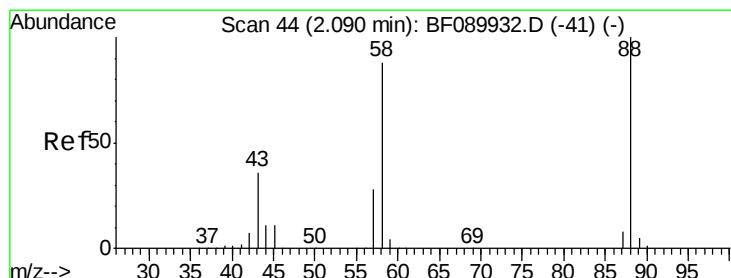
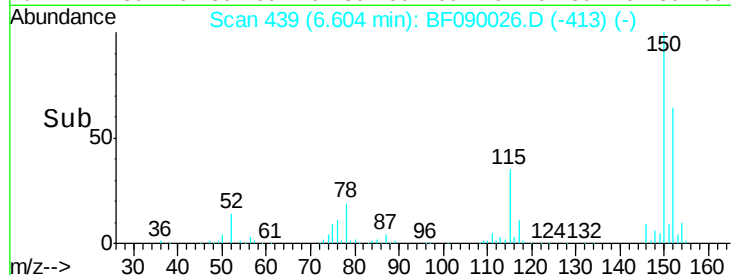
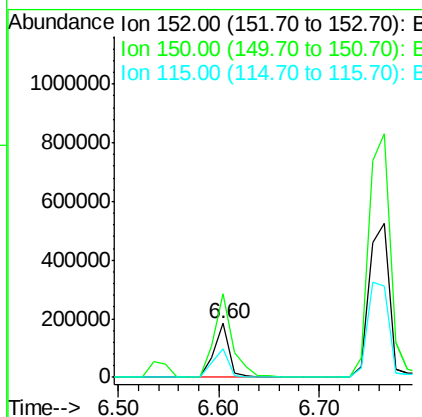
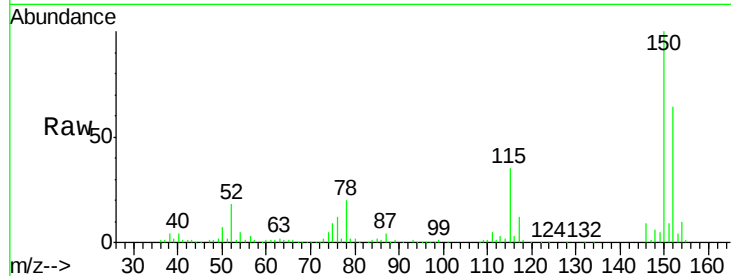
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.60 min Scan# 439  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 127.4 | 191.2 |
| 115     | 54.3  | 46.3  | 69.5  |

Manual Integrations  
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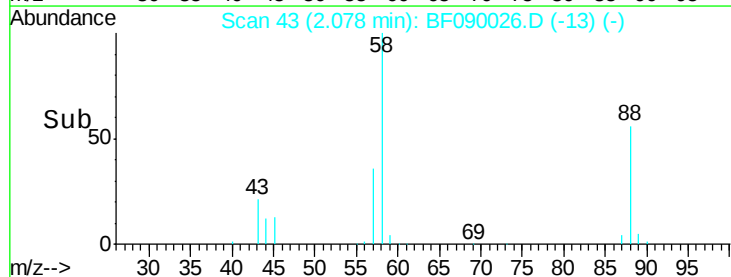
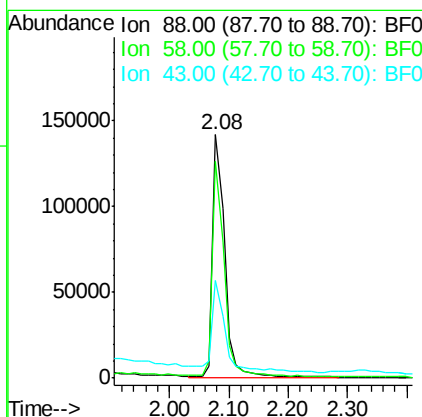
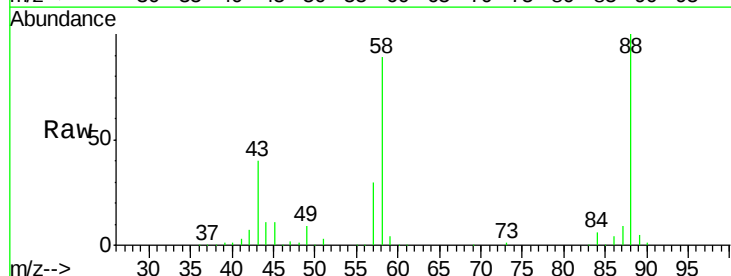
umangi  
9/9/2016 11:19:15 AM

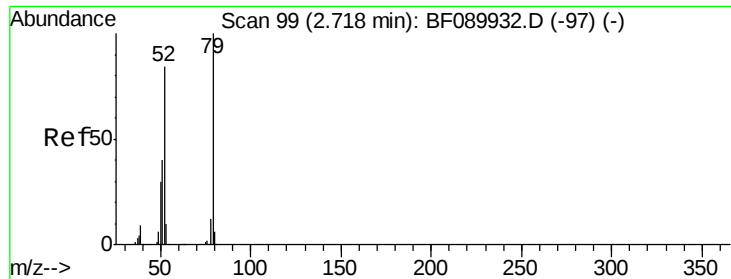


#2

1,4-Dioxane  
Concen: 35.19 ng  
RT: 2.08 min Scan# 43  
Delta R.T. 0.05 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.4  | 68.8  | 103.2 |
| 43      | 39.5  | 27.0  | 40.6  |





#3

Pyridine

Concen: 37.50 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

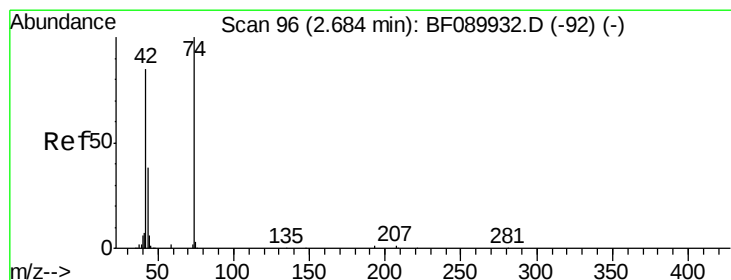
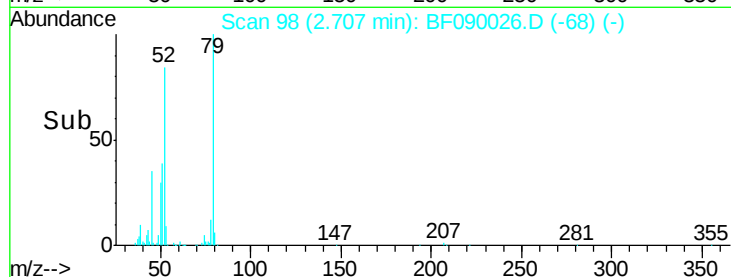
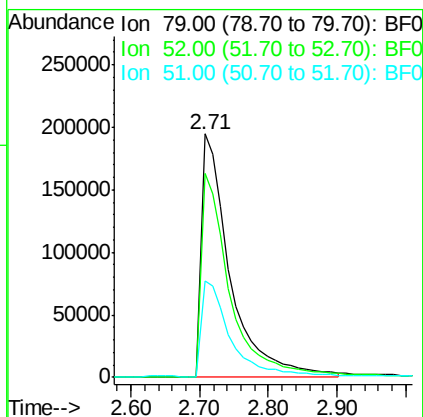
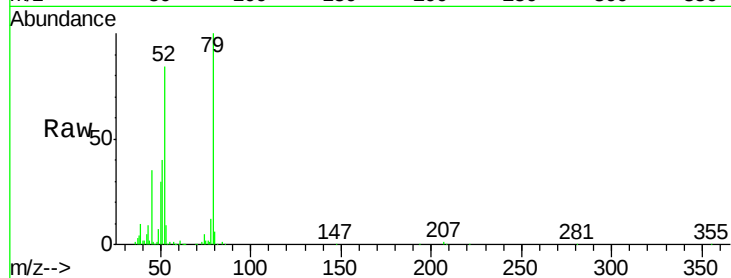
ClientSampleId :

BH-16-0-1FTMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 565686 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 83.9  | 67.8  | 101.6  |
| 51        | 39.8  | 32.9  | 49.3   |

Manual Integrations  
APPROVED

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9/9/2016 11:19:15 AM



#4

n-Nitrosodimethylamine

Concen: 46.72 ng

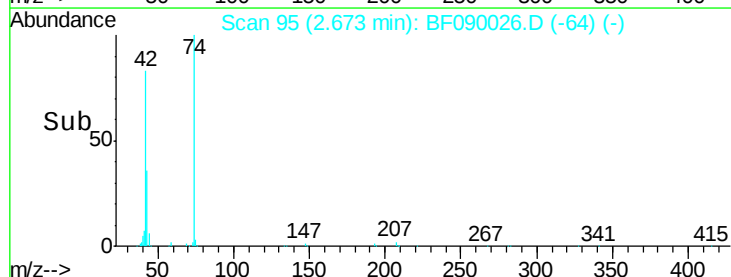
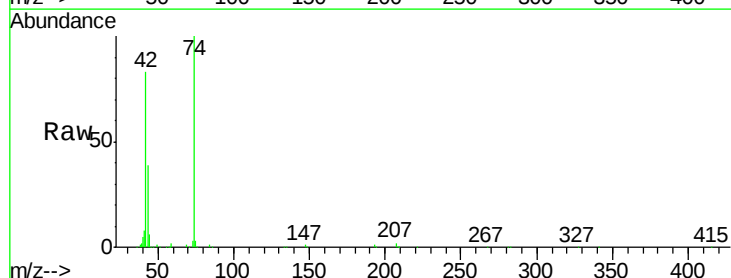
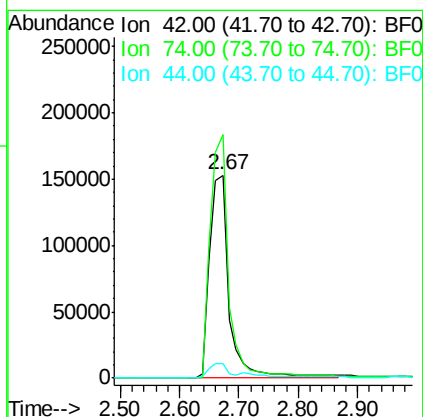
RT: 2.67 min Scan# 95

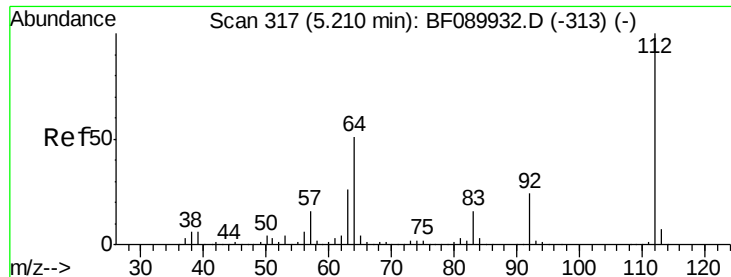
Delta R.T. 0.06 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 347531 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 120.1 | 92.0  | 138.0  |
| 44        | 7.1   | 5.8   | 8.8    |





#5

2-Fluorophenol

Concen: 140.27 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.02 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion: 112 Resp: 1674005

Ion Ratio Lower Upper

112 100

64 60.2 41.1 61.7

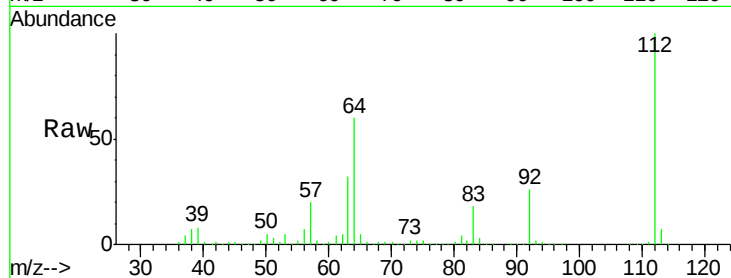
63 32.1 21.2 31.8#

Manual Integrations

APPROVED

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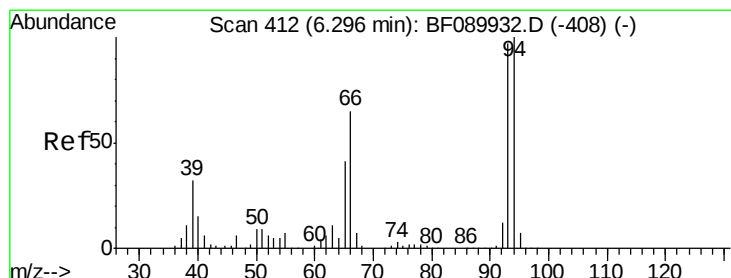
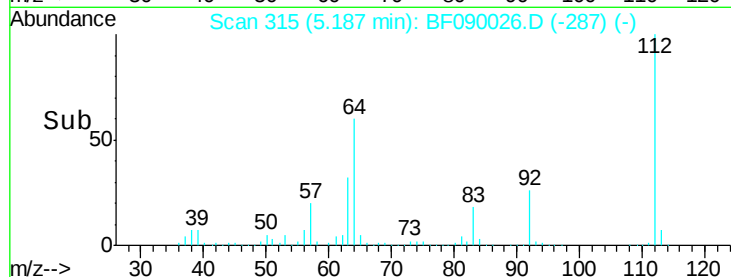
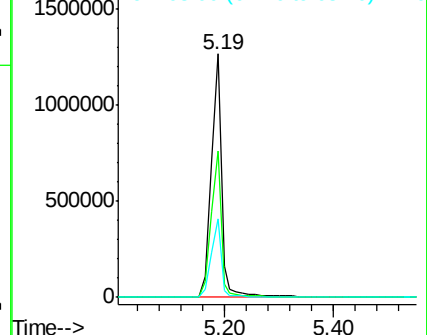
9/9/2016 11:19:15 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.48 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

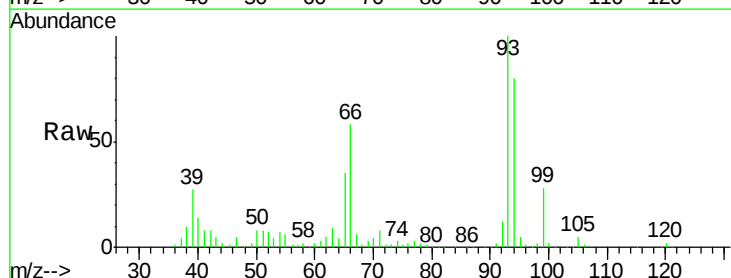
Tgt Ion: 93 Resp: 741575

Ion Ratio Lower Upper

93 100

66 57.6 52.9 79.3

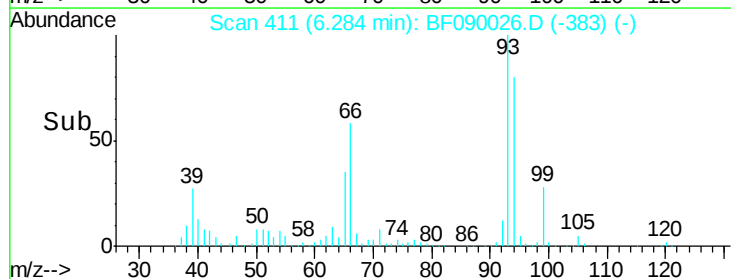
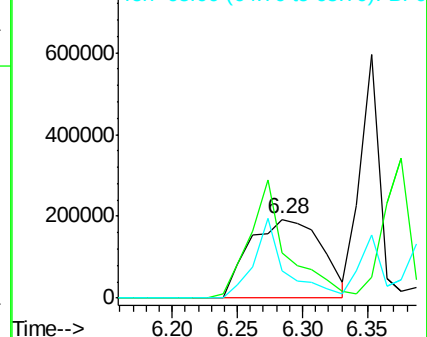
65 34.6 33.0 49.6

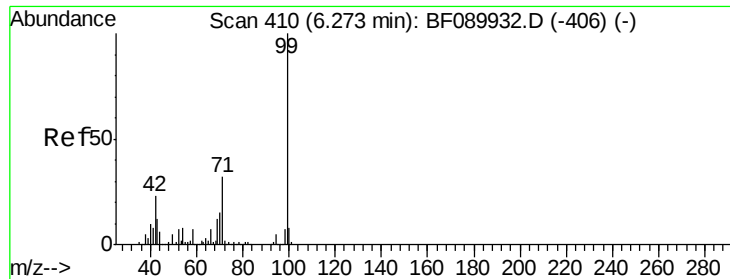


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 148.97 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion: 99 Resp: 2160086

Ion Ratio Lower Upper

99 100

42 23.5 18.6 27.8

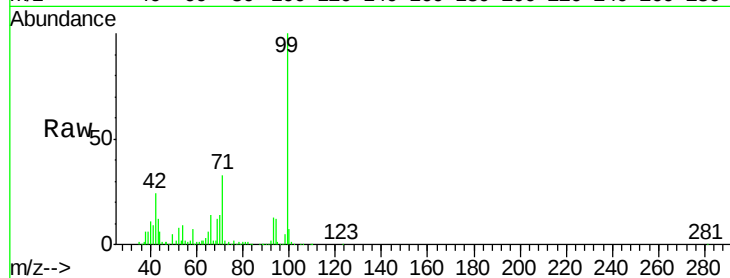
71 33.1 25.8 38.6

Manual Integrations

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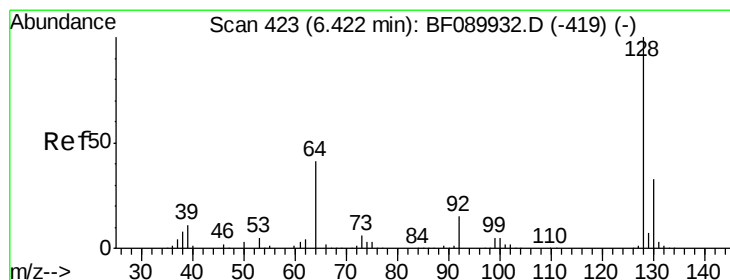
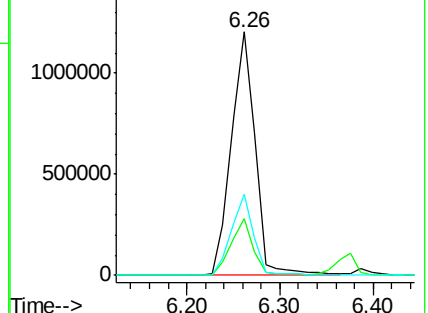
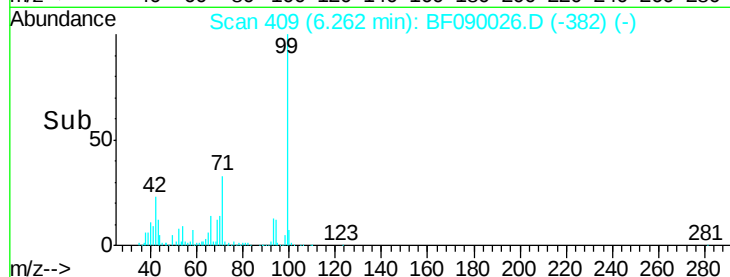
9/9/2016 11:19:15 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.83 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

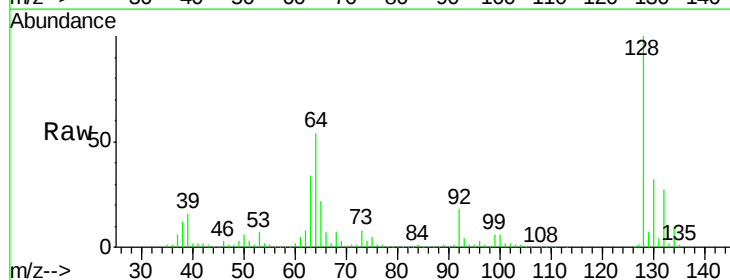
Tgt Ion: 128 Resp: 593315

Ion Ratio Lower Upper

128 100

130 31.6 12.8 52.8

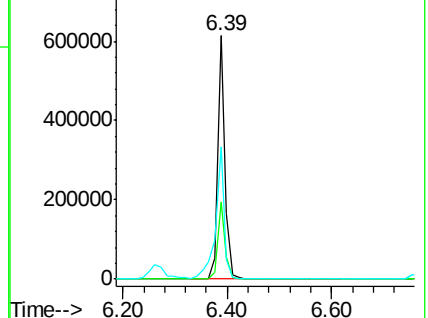
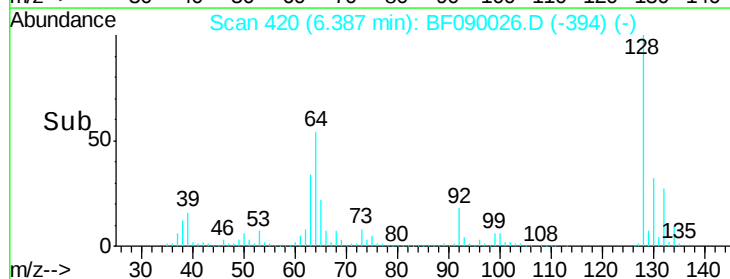
64 54.3 23.2 63.2

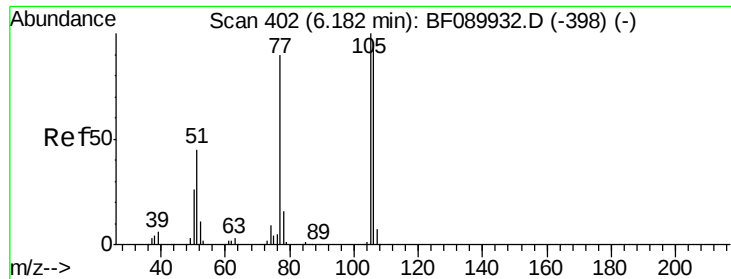


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.48 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

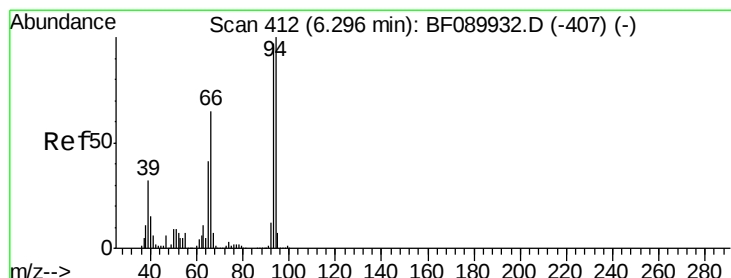
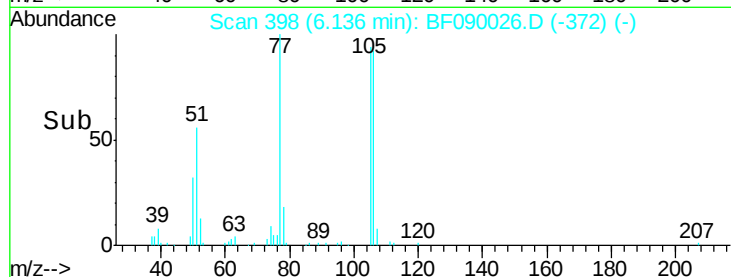
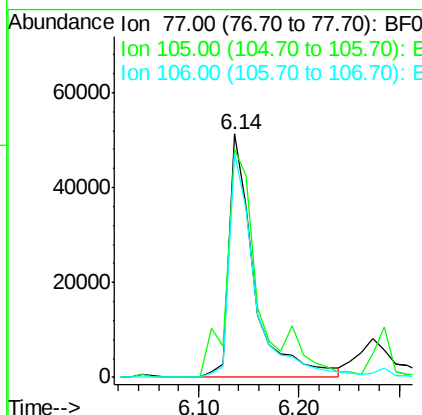
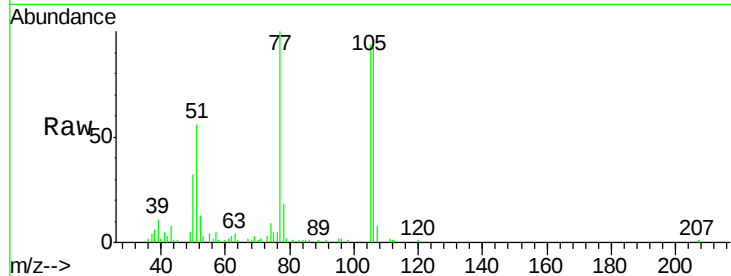
ClientSampleId :

BH-16-0-1FTMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 88664 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 93.9  | 85.4  | 125.4 |
| 106       | 92.0  | 83.4  | 123.4 |

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#10

Phenol

Concen: 38.27 ng

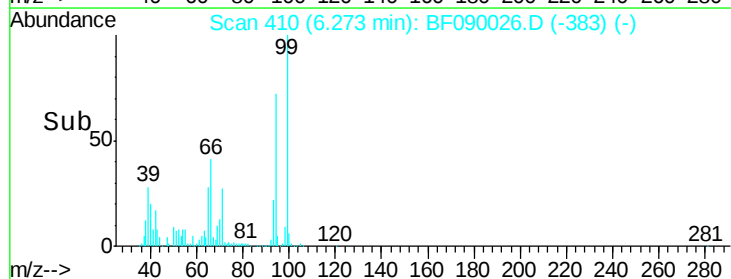
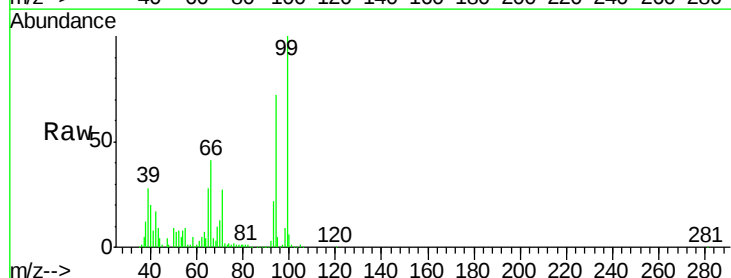
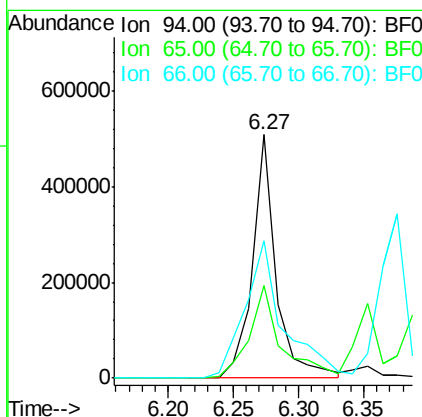
RT: 6.27 min Scan# 410

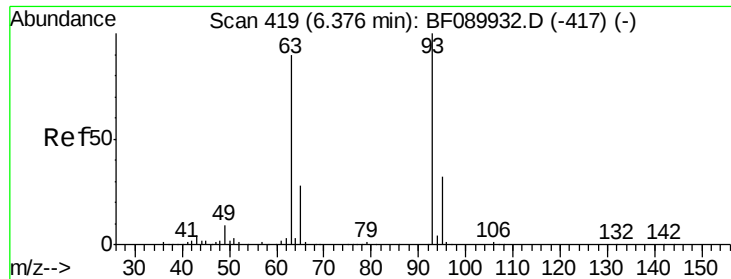
Delta R.T. 0.01 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 645389 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 38.2  | 23.2  | 63.2   |
| 66        | 56.6  | 49.2  | 89.2   |





#11

bis(2-Chloroethyl)ether

Concen: 52.33 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion: 93 Resp: 667749

Ion Ratio Lower Upper

93 100

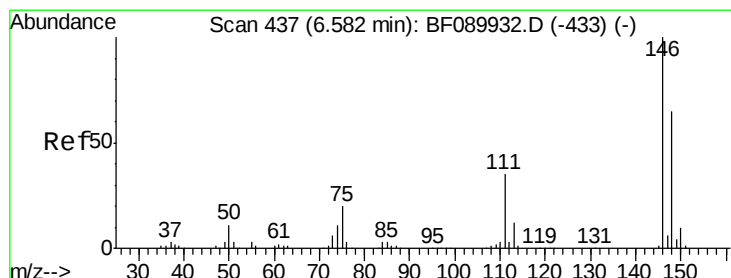
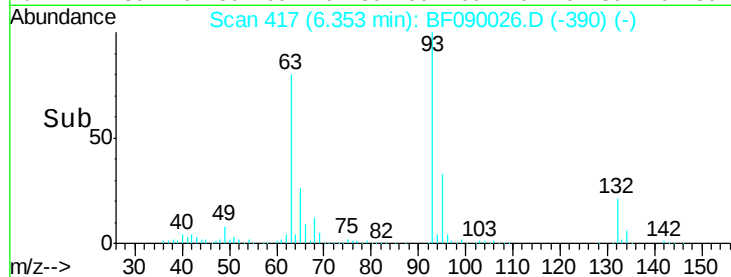
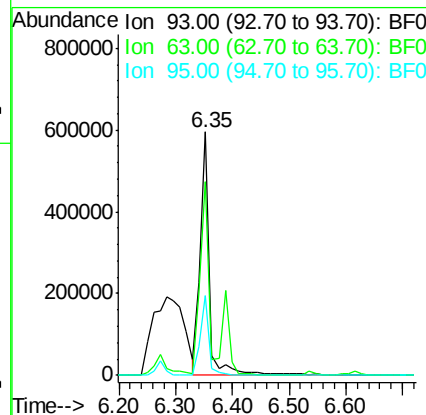
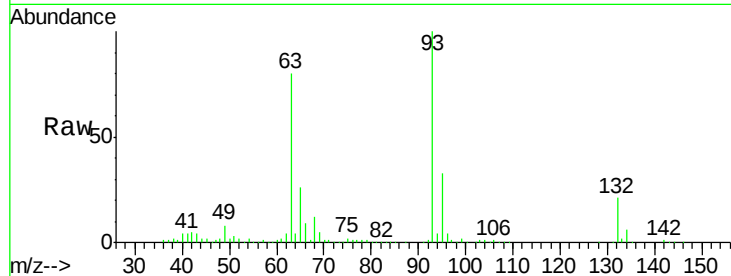
63 79.7 71.1 111.1

95 32.6 12.4 52.4

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#12

1,3-Dichlorobenzene

Concen: 46.04 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

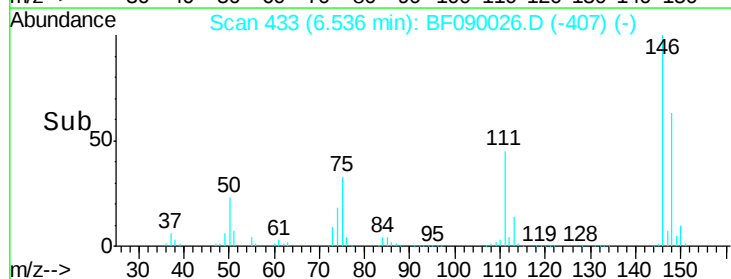
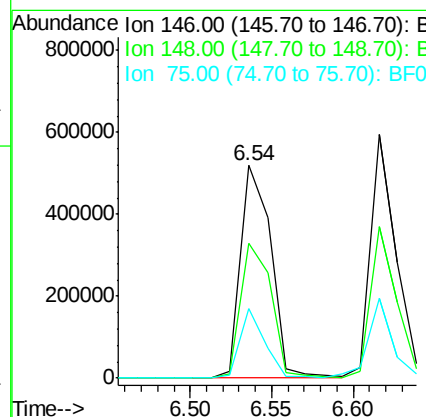
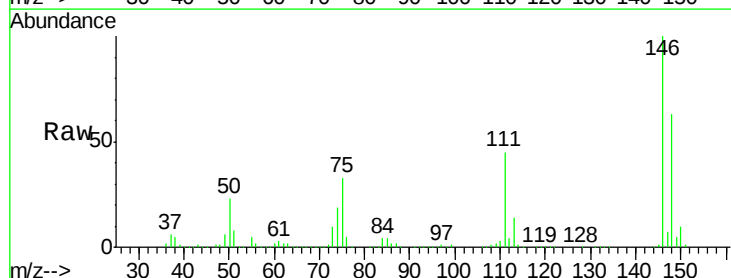
Tgt Ion: 146 Resp: 665696

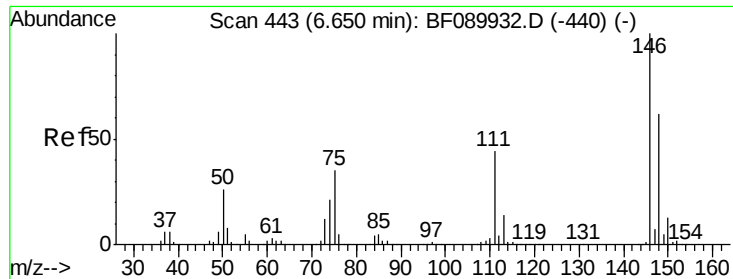
Ion Ratio Lower Upper

146 100

148 63.2 52.5 78.7

75 32.8 16.6 24.8#





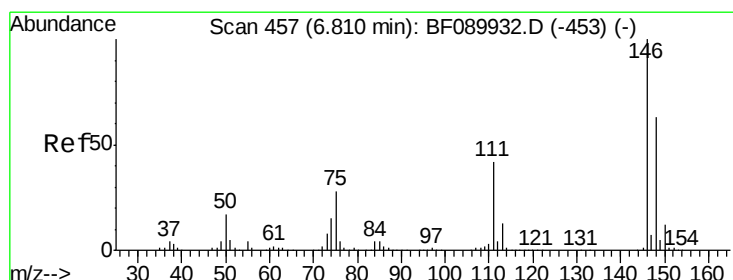
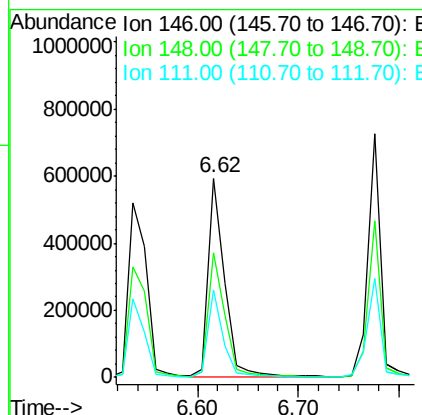
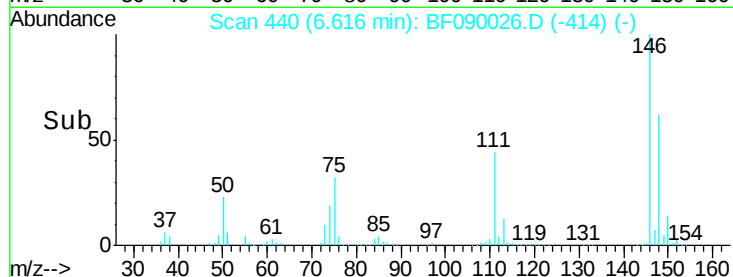
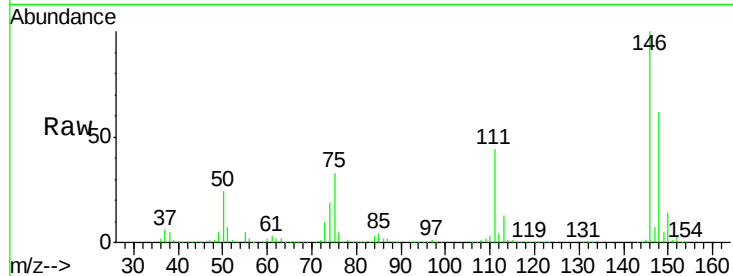
#13  
 1,4-Dichlorobenzene  
 Concen: 45.81 ng  
 RT: 6.62 min Scan# 440  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampled :  
 BH-16-0-1FTMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.3  | 50.1  | 75.1  |
| 111     | 43.6  | 35.8  | 53.6  |

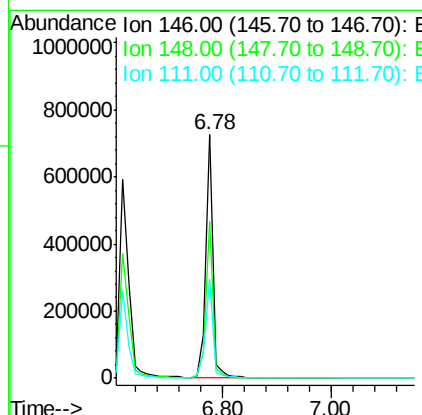
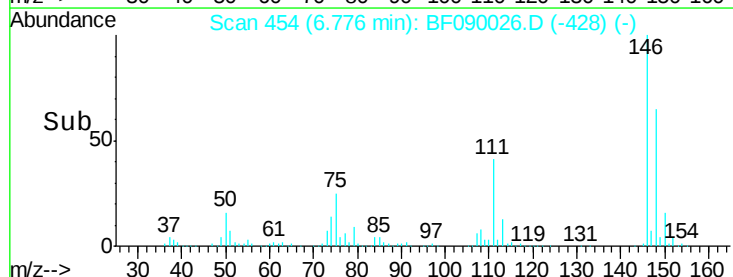
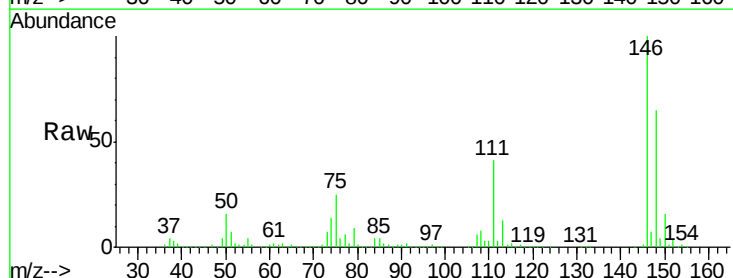
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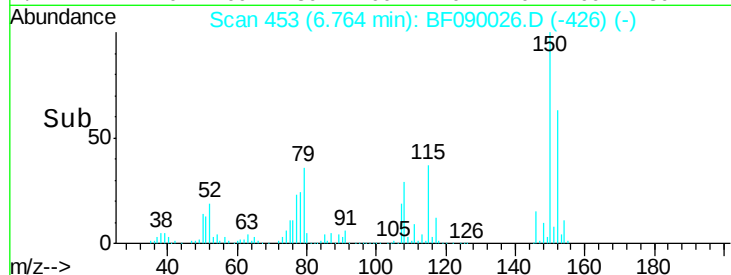
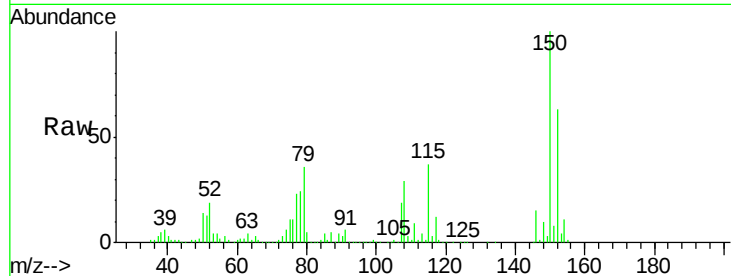
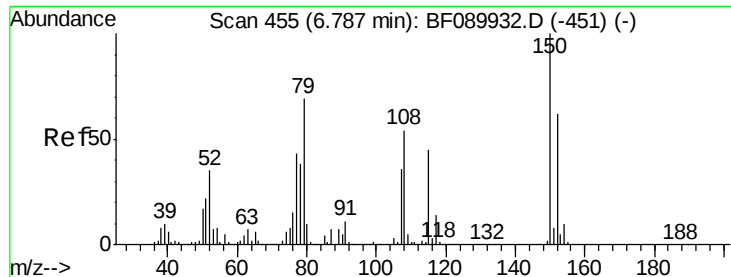
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#14  
 1,2-Dichlorobenzene  
 Concen: 48.93 ng  
 RT: 6.78 min Scan# 454  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.4  | 77.2  |
| 111     | 40.6  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 53.89 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 489562 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 80.0  | 62.1  | 93.1   |
| 77       | 62.1  | 50.1  | 75.1   |

Instrument :

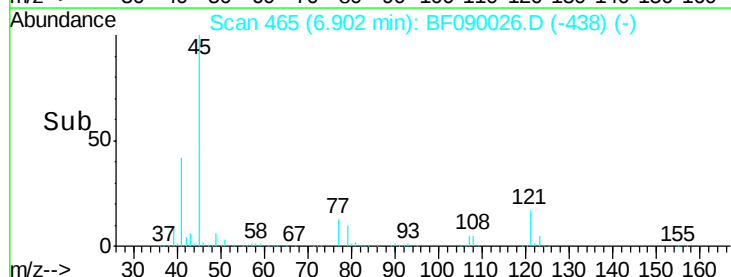
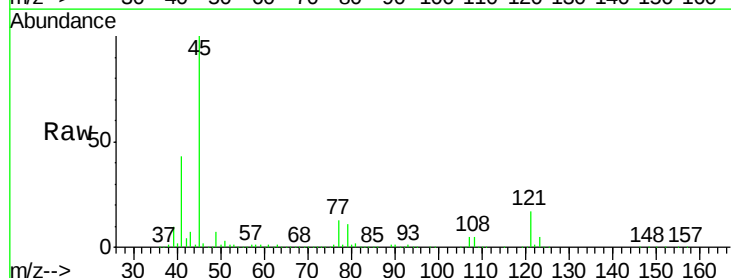
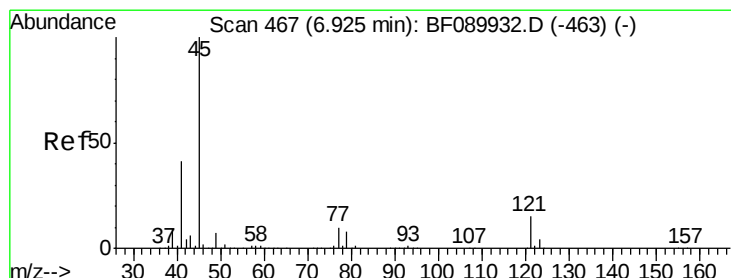
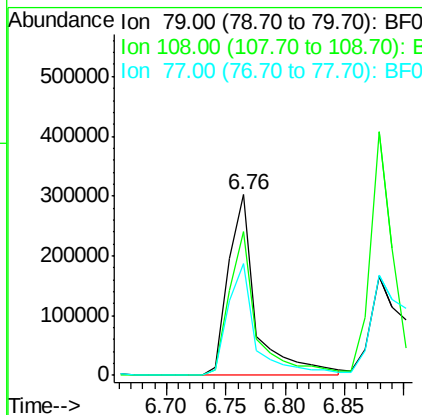
BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.44 ng

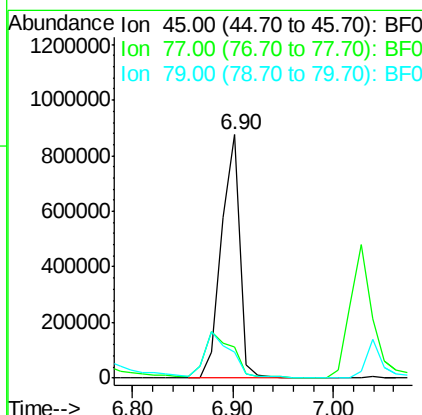
RT: 6.90 min Scan# 465

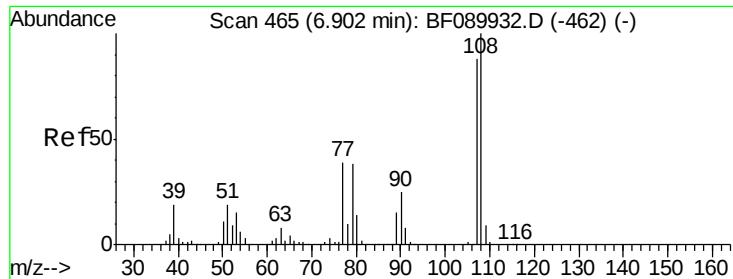
Delta R.T. 0.01 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1105686 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 77       | 12.9  | 0.0   | 30.3    |
| 79       | 10.6  | 0.0   | 27.5    |





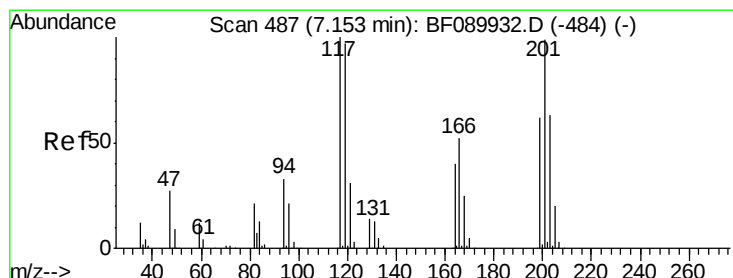
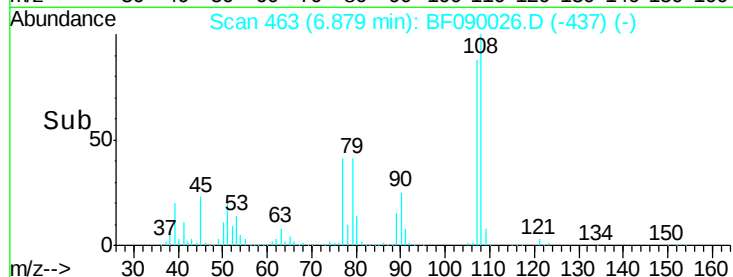
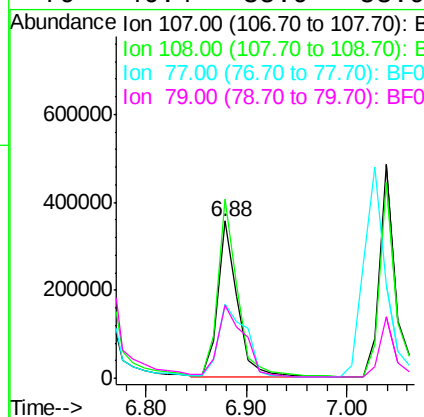
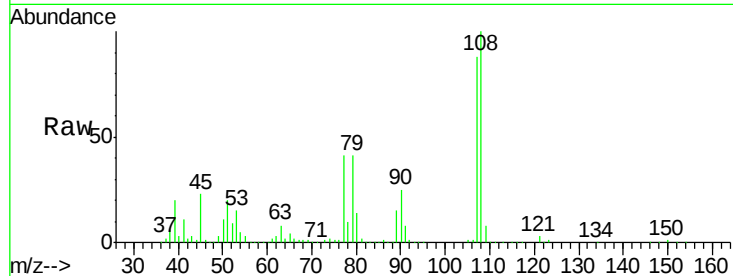
#17  
2-Methylphenol  
Concen: 46.42 ng  
RT: 6.88 min Scan# 463  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 479953 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.8 | 91.8  | 137.6  |
| 77        | 47.0  | 36.0  | 54.0   |
| 79        | 46.4  | 35.9  | 53.9   |

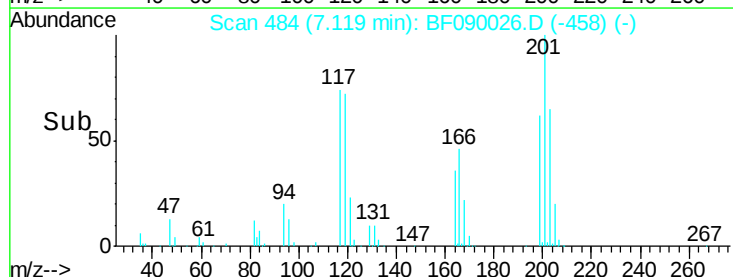
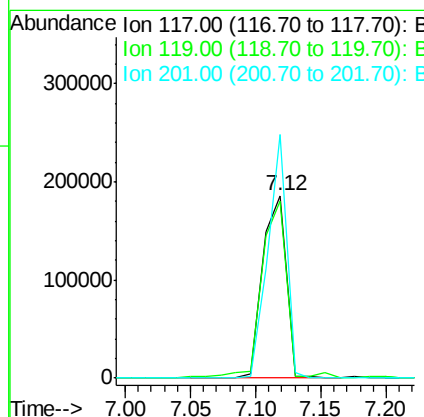
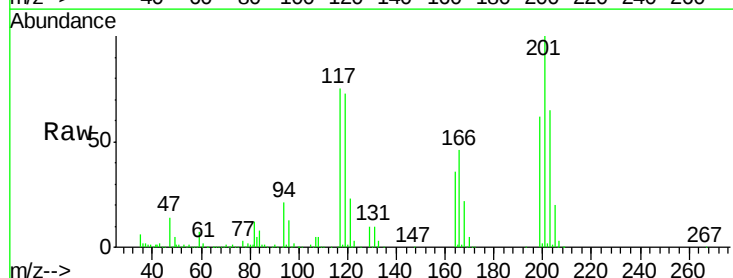
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#18  
Hexachloroethane  
Concen: 46.78 ng  
RT: 7.12 min Scan# 484  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 237047 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.1  | 76.2  | 114.2  |
| 201       | 133.6 | 80.2  | 120.2# |





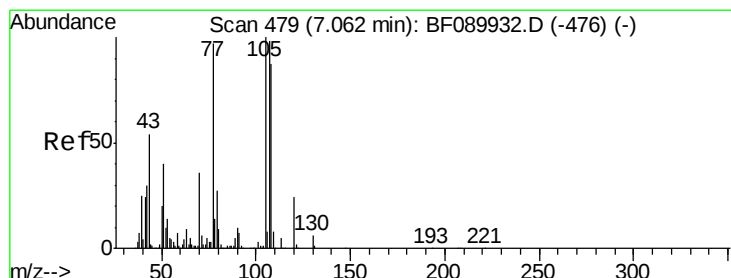
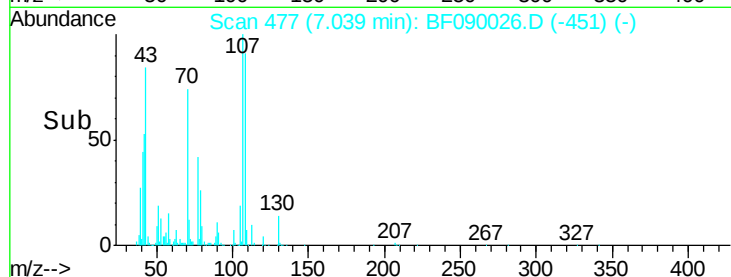
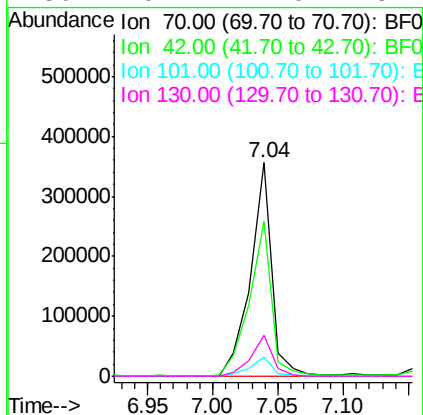
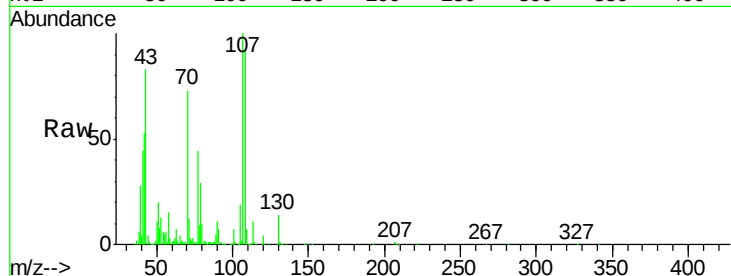
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.31 ng  
RT: 7.04 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 72.6  | 52.1  | 78.1  |
| 101     | 9.1   | 7.4   | 11.2  |
| 130     | 19.2  | 17.0  | 25.4  |

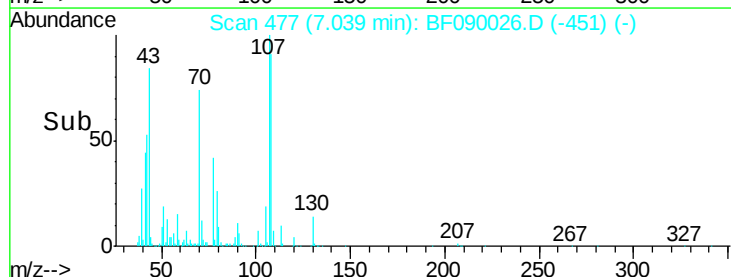
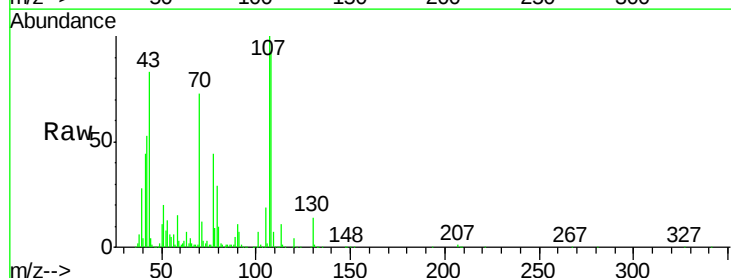
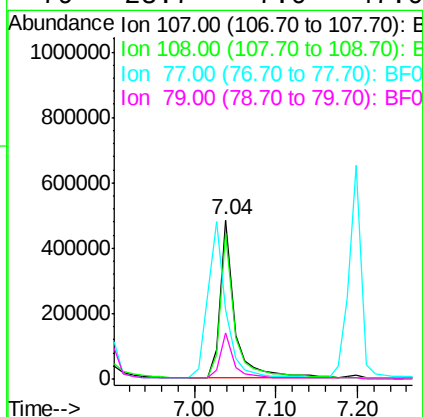
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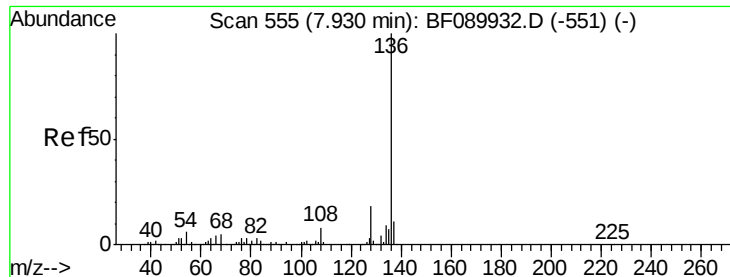
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#20  
3+4-Methylphenols  
Concen: 48.07 ng  
RT: 7.04 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 91.7  | 70.2  | 110.2  |
| 77      | 43.9  | 75.7  | 115.7# |
| 79      | 28.7  | 7.0   | 47.0   |





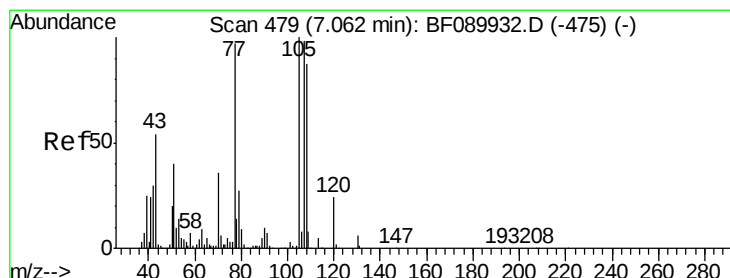
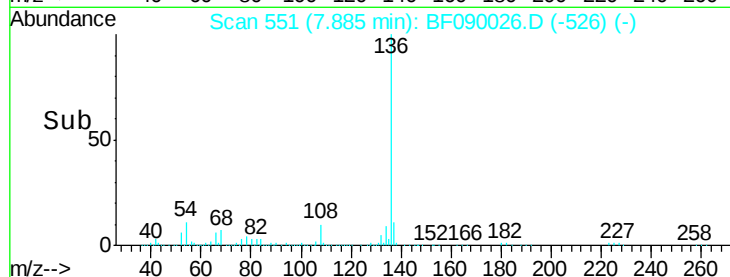
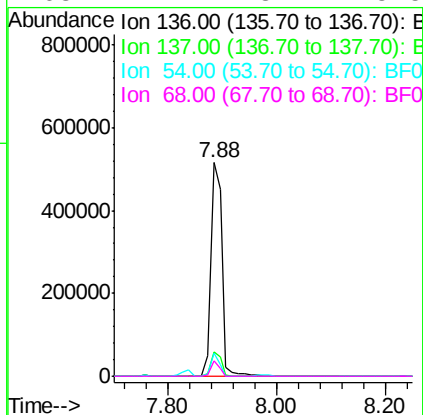
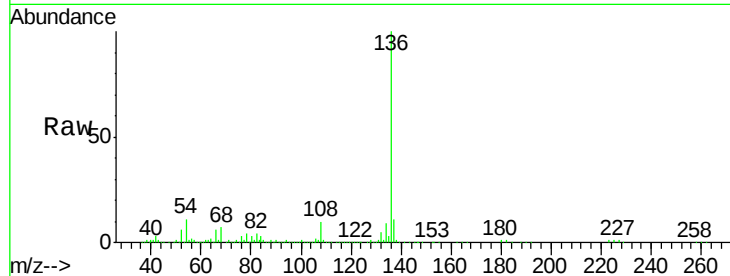
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.88 min Scan# 551  
Delta R.T. -0.01 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 737572 |       |       |
| 137     | 11.2  | 8.3    | 12.5  |       |
| 54      | 11.0  | 4.8    | 7.2#  |       |
| 68      | 7.2   | 3.7    | 5.5#  |       |

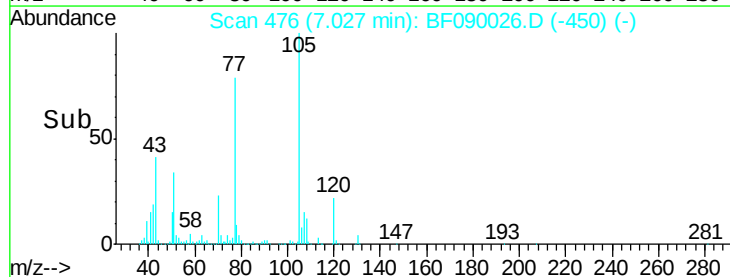
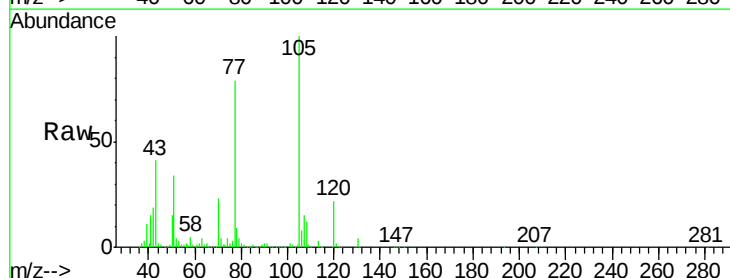
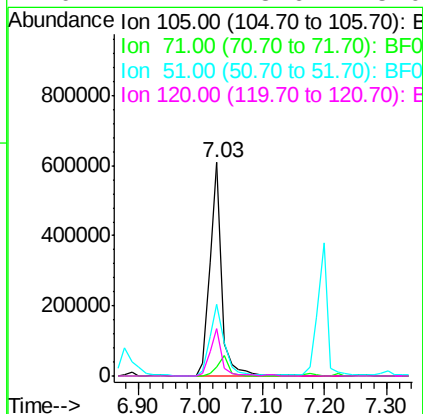
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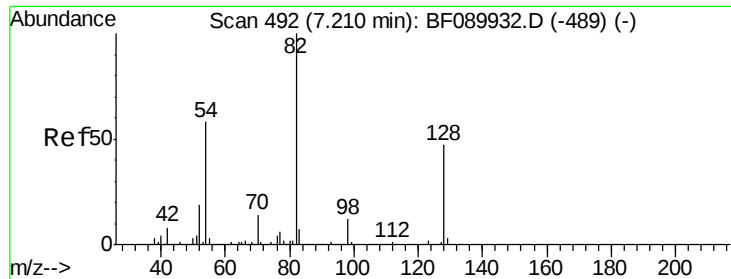
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#22  
Acetophenone  
Concen: 48.31 ng  
RT: 7.03 min Scan# 476  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 799356 |       |       |
| 71      | 4.0   | 5.3    | 7.9#  |       |
| 51      | 33.8  | 32.6   | 48.8  |       |
| 120     | 22.2  | 18.6   | 28.0  |       |





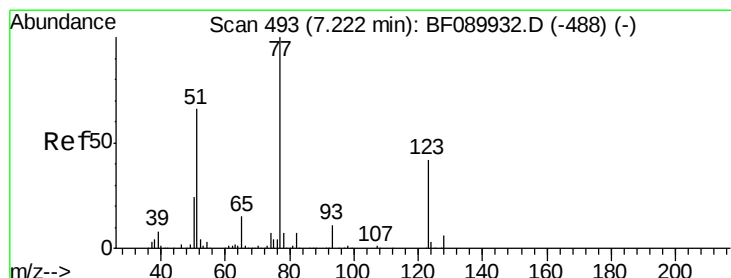
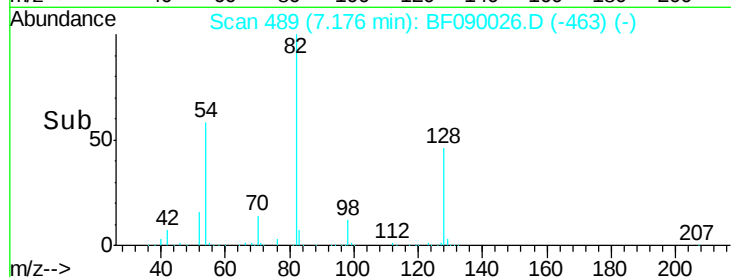
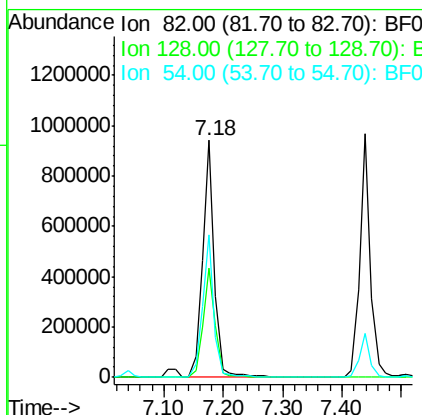
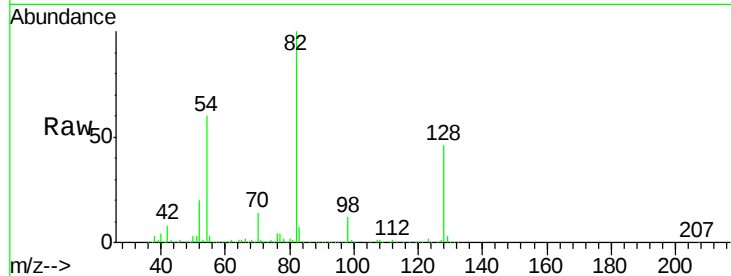
#23  
 Nitrobenzene-d5  
 Concen: 103.04 ng  
 RT: 7.18 min Scan# 489  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

Tgt Ion: 82 Resp: 1310410  
 Ion Ratio Lower Upper  
 82 100  
 128 46.0 37.8 56.8  
 54 60.1 46.9 70.3

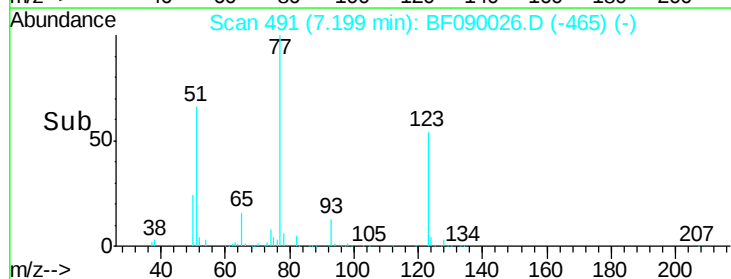
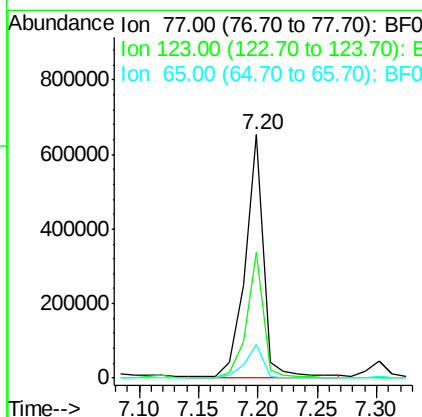
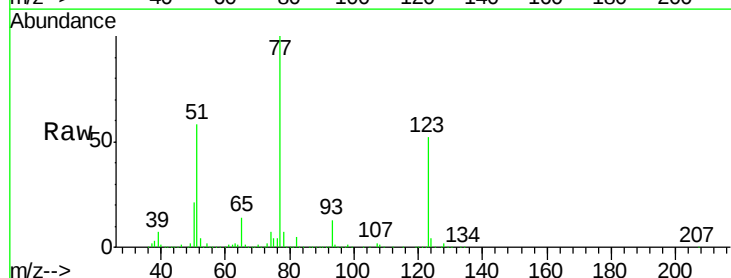
Manual Integrations  
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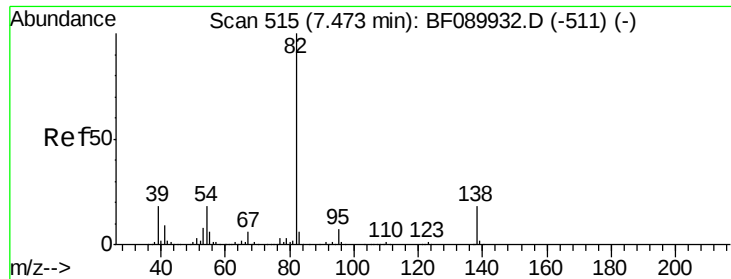
umangi  
 9/9/2016 11:19:15 AM



#24  
 Nitrobenzene  
 Concen: 51.75 ng  
 RT: 7.20 min Scan# 491  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Tgt Ion: 77 Resp: 699661  
 Ion Ratio Lower Upper  
 77 100  
 123 51.9 32.0 48.0#  
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 46.61 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion: 82 Resp: 1205436

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

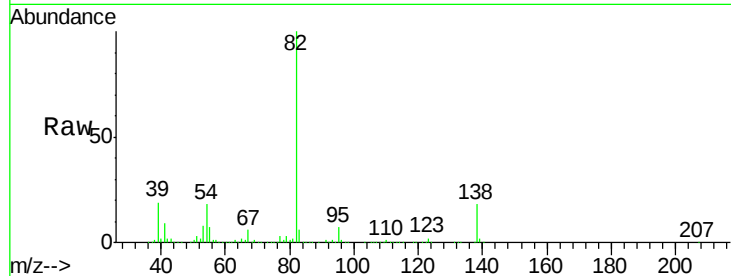
138 18.2 14.4 21.6

Manual Integrations

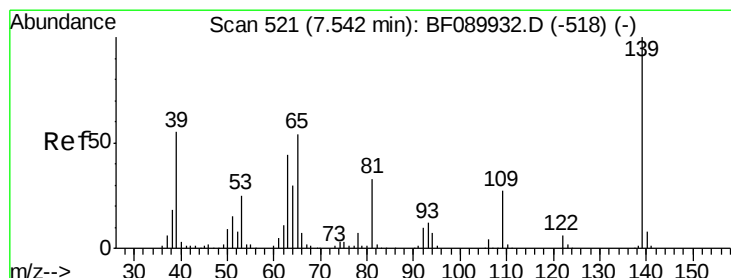
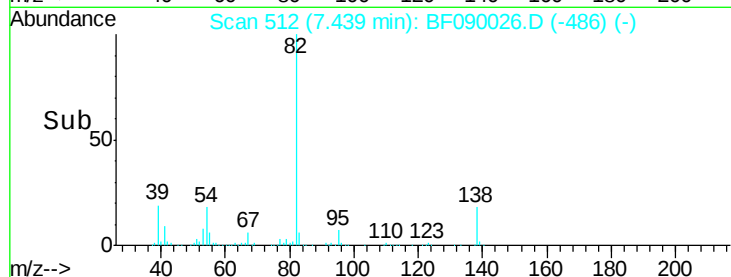
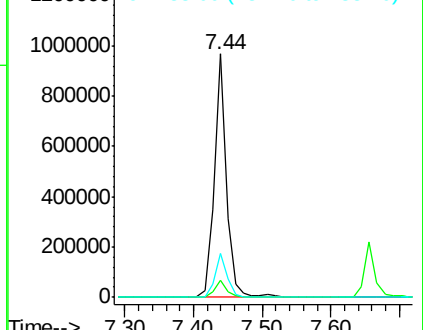
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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 53.52 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

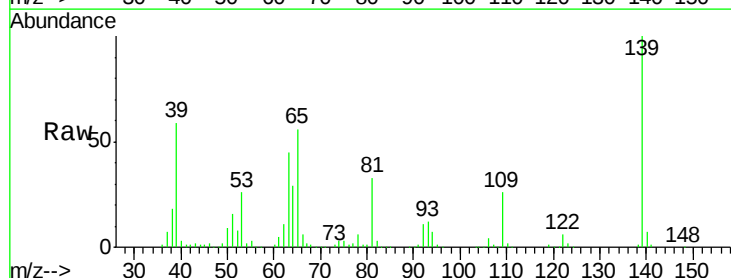
Tgt Ion: 139 Resp: 345889

Ion Ratio Lower Upper

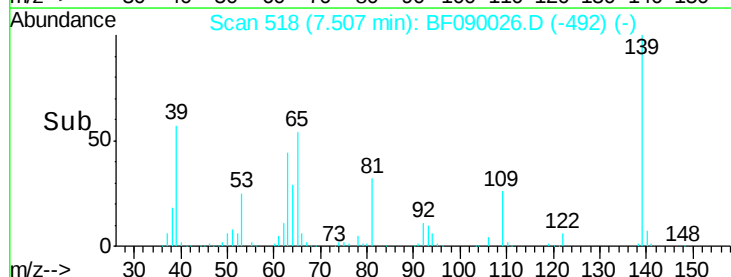
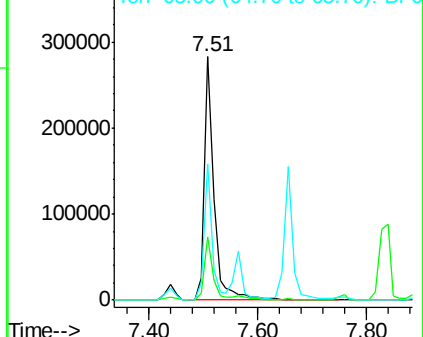
139 100

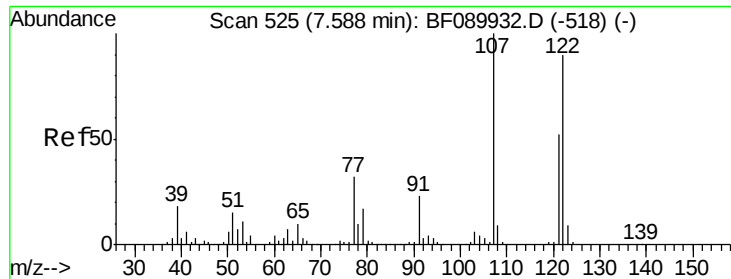
109 25.9 21.0 31.4

65 56.1 43.4 65.0



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





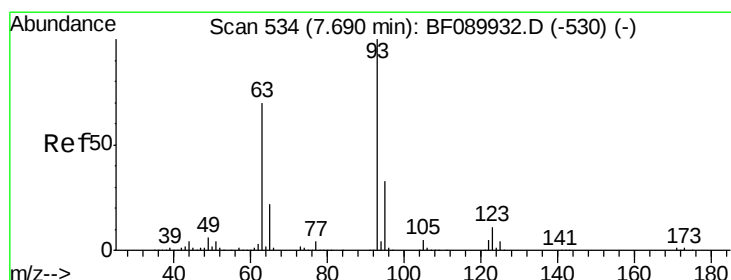
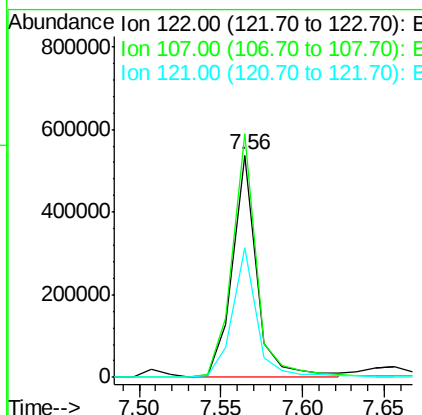
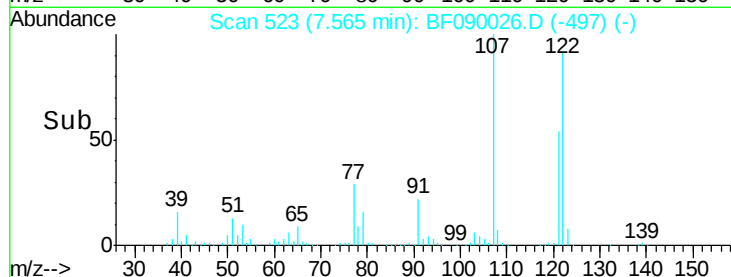
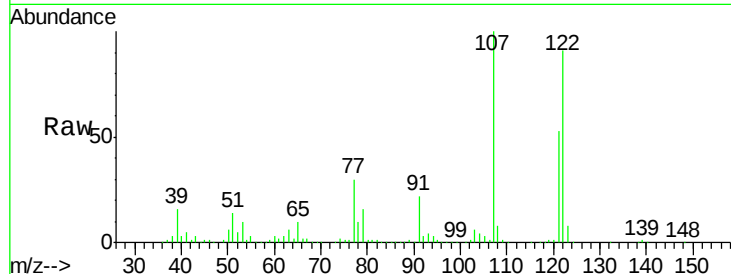
#27  
2,4-Dimethylphenol  
Concen: 46.37 ng  
RT: 7.56 min Scan# 523  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 554438 |       |       |
| 107     | 109.4 | 88.5   | 132.7 |       |
| 121     | 58.3  | 46.0   | 69.0  |       |

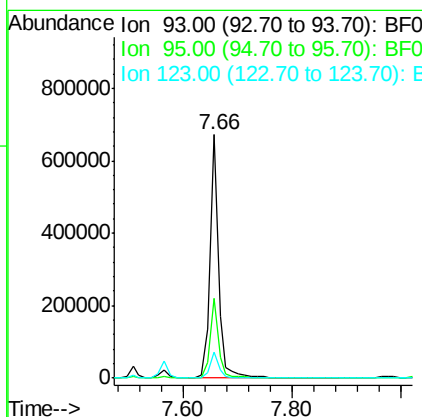
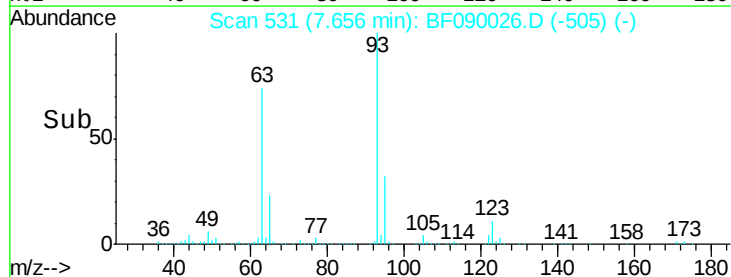
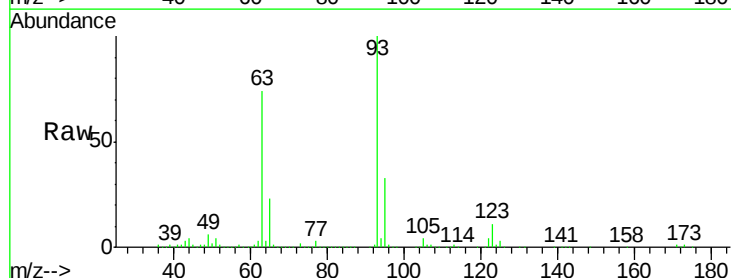
Manual Integrations  
APPROVED

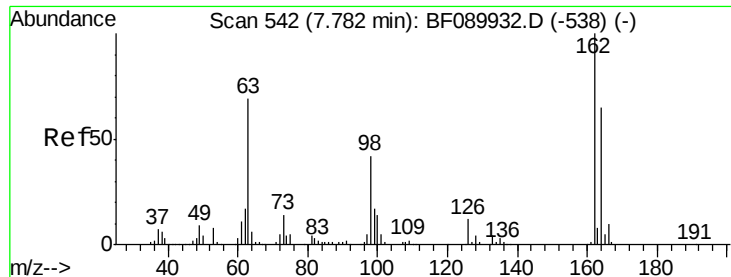
umangi  
9/9/2016 11:19:15 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.12 ng  
RT: 7.66 min Scan# 531  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 734923 |       |       |
| 95      | 32.6  | 26.6   | 40.0  |       |
| 123     | 10.8  | 9.1    | 13.7  |       |





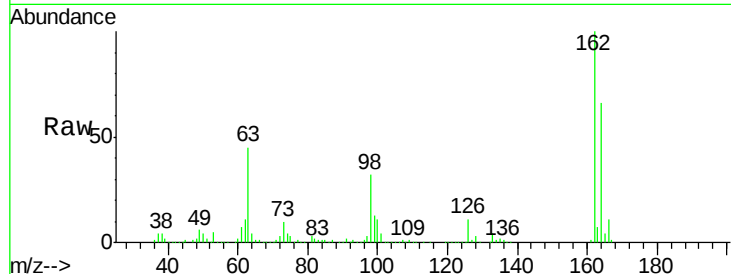
#29  
2,4-Dichlorophenol  
Concen: 54.31 ng  
RT: 7.76 min Scan# 540  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

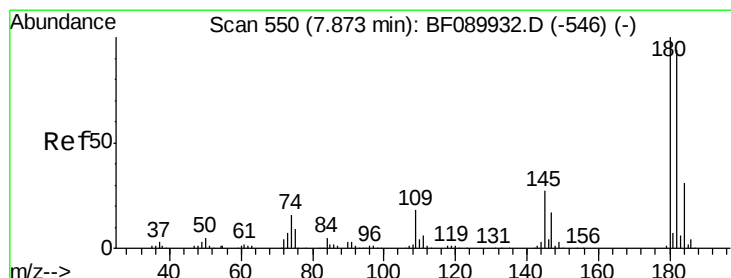
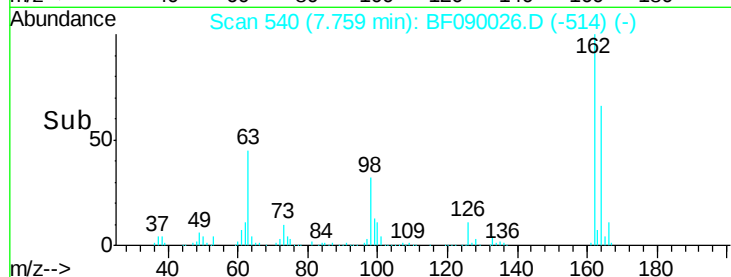
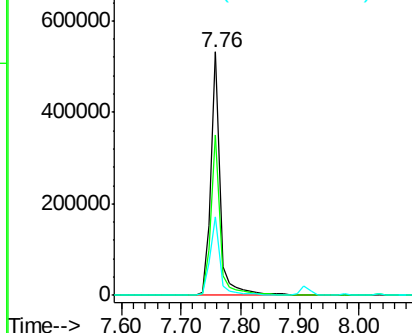
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 582117 |       |       |
| 164     | 66.0  | 46.6   | 86.6  |       |
| 98      | 32.2  | 22.0   | 62.0  |       |

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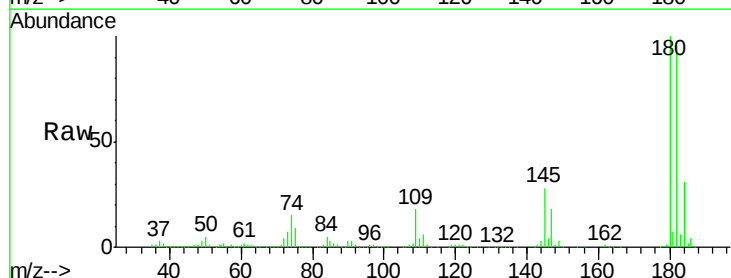


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

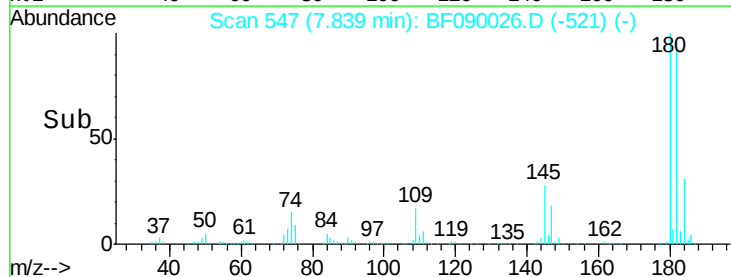
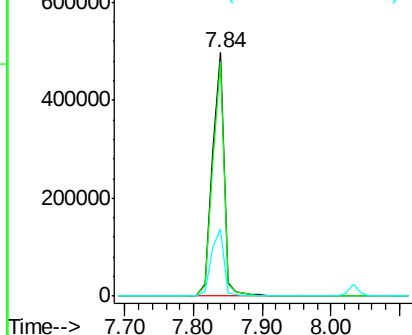


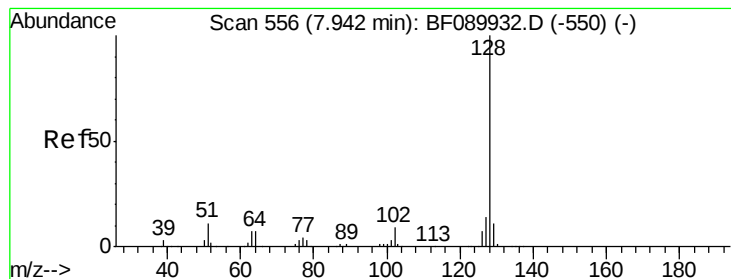
#30  
1,2,4-Trichlorobenzene  
Concen: 51.08 ng  
RT: 7.84 min Scan# 547  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 598613 |       |       |
| 182     | 96.2  | 76.2   | 114.2 |       |
| 145     | 27.6  | 22.2   | 33.4  |       |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.14 ng m

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:128 Resp: 1732040

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

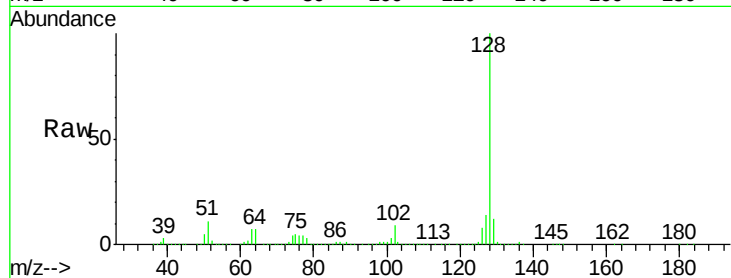
127 13.6 10.7 16.1

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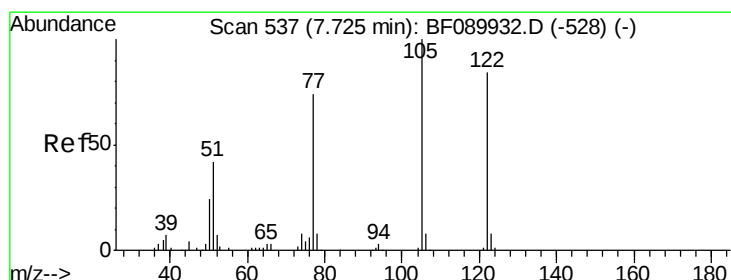
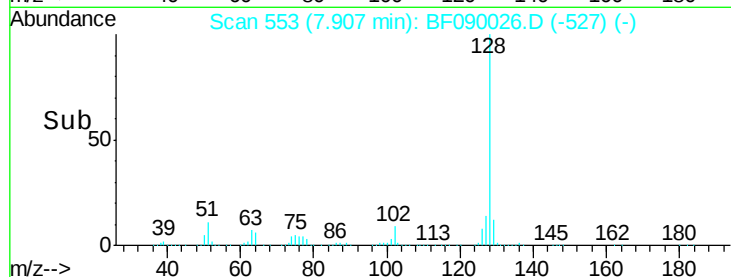
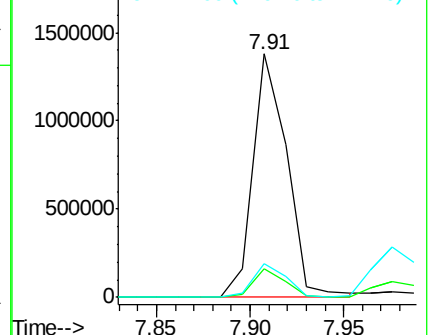
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.66 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

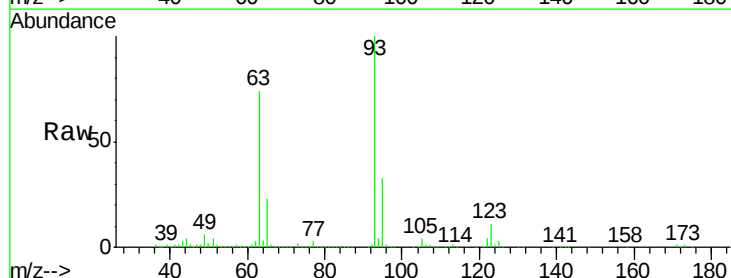
Tgt Ion:122 Resp: 69747

Ion Ratio Lower Upper

122 100

105 105.3 102.2 142.2

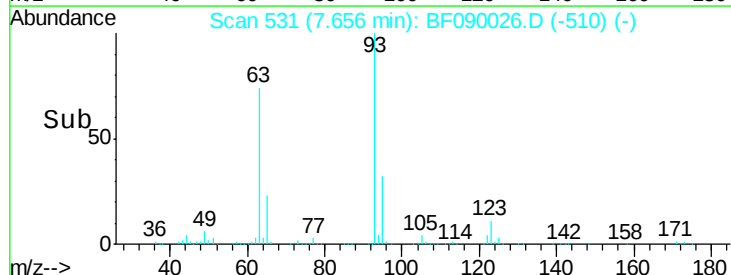
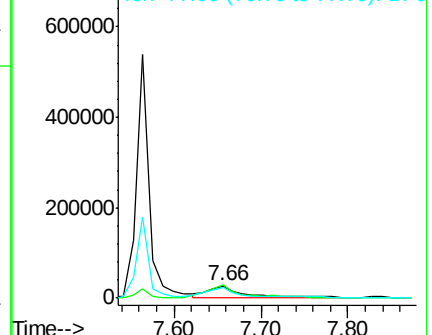
77 85.8 74.1 114.1

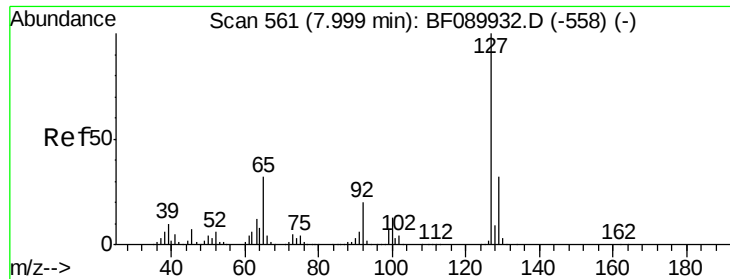


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





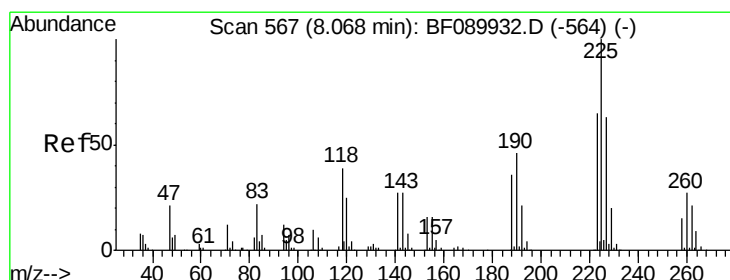
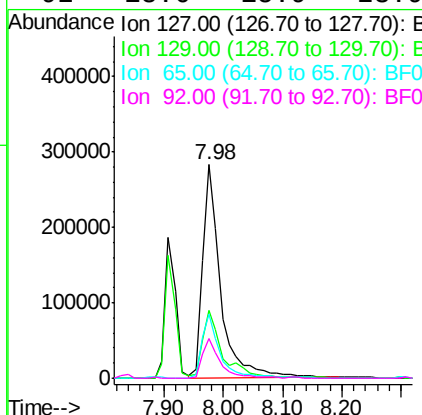
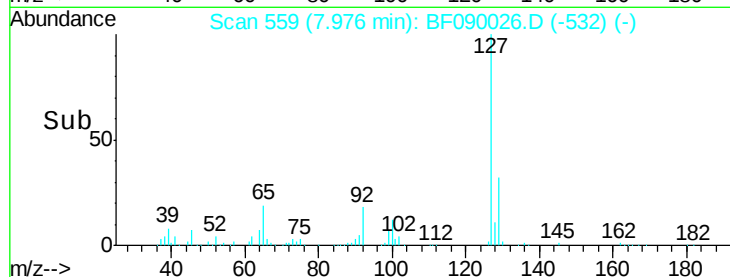
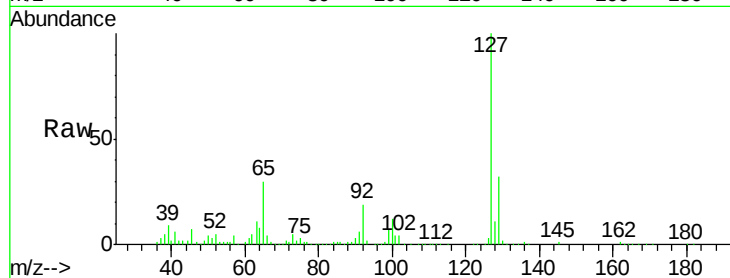
#33  
4-Chloroaniline  
Concen: 40.62 ng  
RT: 7.98 min Scan# 559  
Delta R.T. 0.01 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 602239 |       |       |
| 129     | 31.9  | 25.9   | 38.9  |       |
| 65      | 30.2  | 26.0   | 39.0  |       |
| 92      | 18.6  | 15.9   | 23.9  |       |

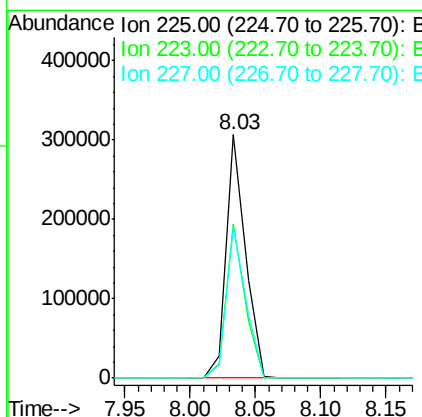
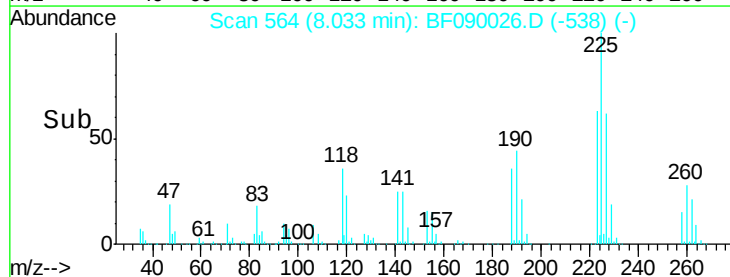
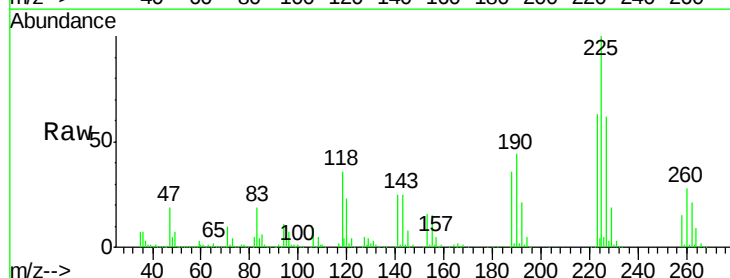
Manual Integrations  
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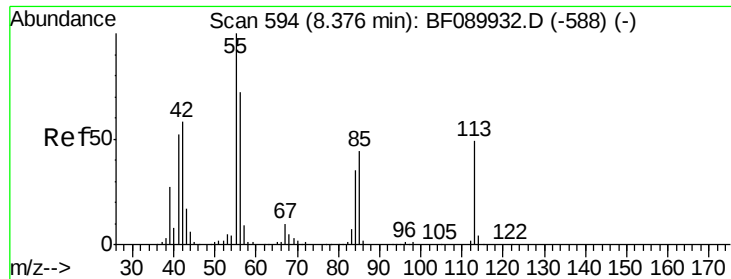
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#34  
Hexachlorobutadiene  
Concen: 46.05 ng  
RT: 8.03 min Scan# 564  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 316219 |       |       |
| 223     | 63.4  | 52.6   | 78.8  |       |
| 227     | 62.4  | 50.8   | 76.2  |       |





#35

Caprolactam

Concen: 50.87 ng m

RT: 8.35 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:113 Resp: 172084  
Ion Ratio Lower Upper

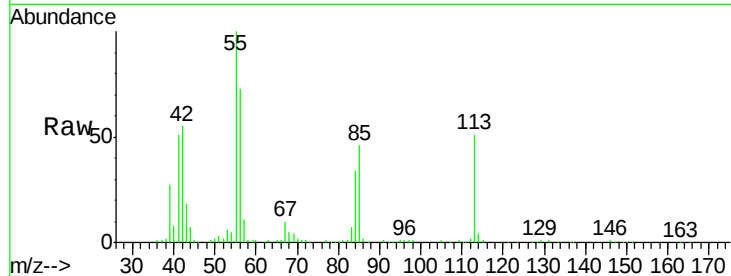
113 100

55 196.0 178.5 218.5

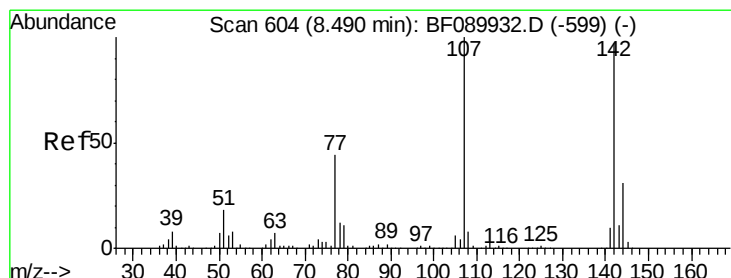
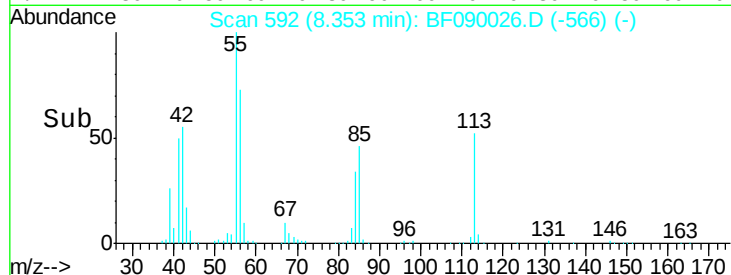
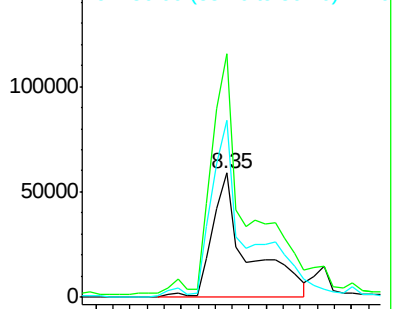
56 143.0 122.7 162.7

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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: 52.20 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF090026.D

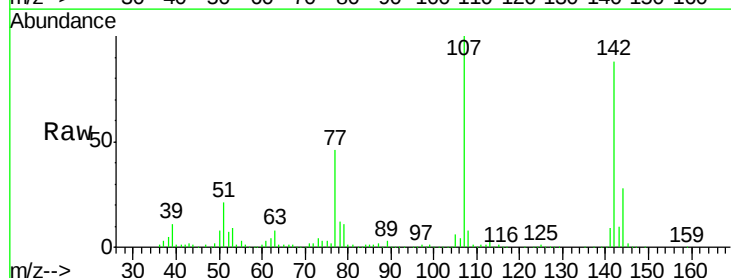
Acq: 8 Sep 2016 16:00

Tgt Ion:107 Resp: 592546  
Ion Ratio Lower Upper

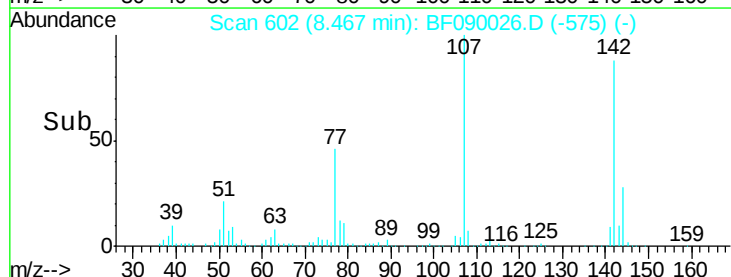
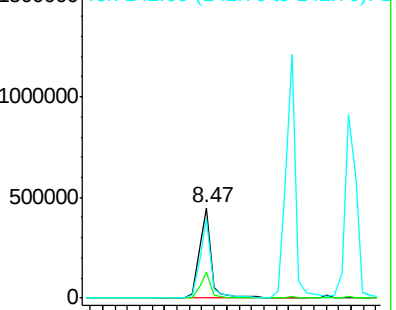
107 100

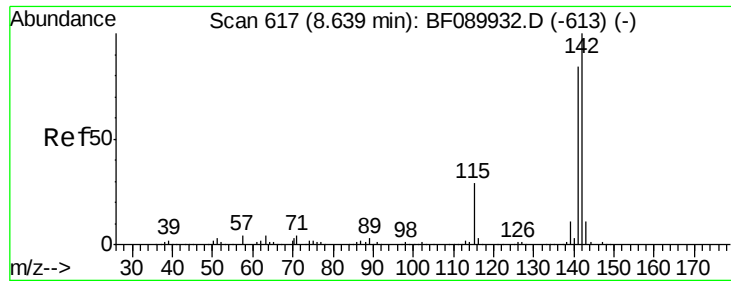
144 28.2 25.8 38.8

142 87.9 79.2 118.8



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





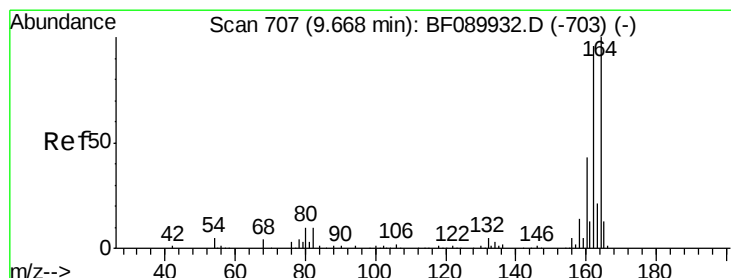
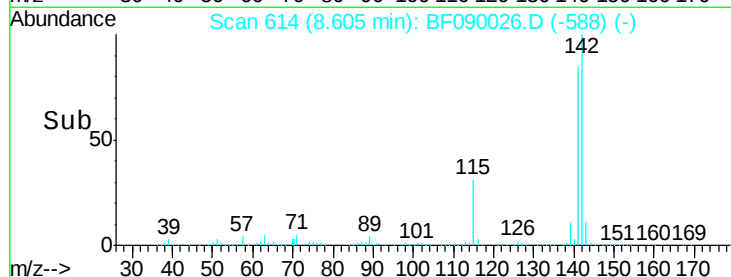
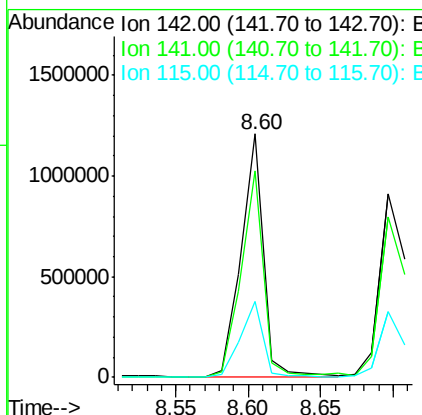
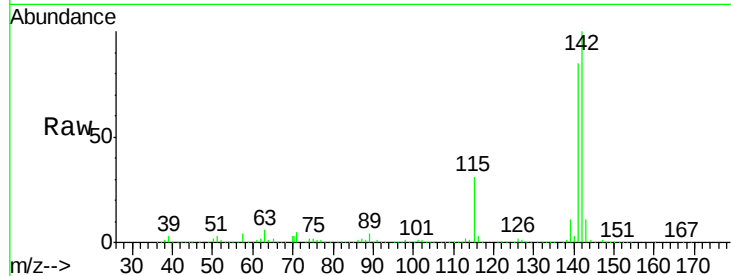
#37  
2-Methylnaphthalene  
Concen: 53.74 ng  
RT: 8.60 min Scan# 614  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

Tgt Ion:142 Resp: 1304870  
Ion Ratio Lower Upper  
142 100  
141 85.1 68.3 102.5  
115 31.1 23.8 35.8

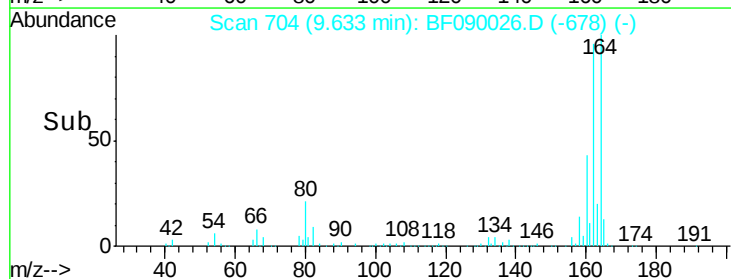
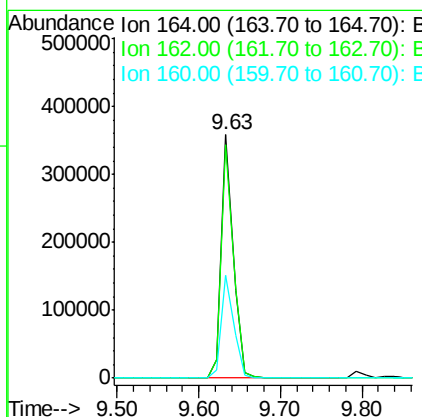
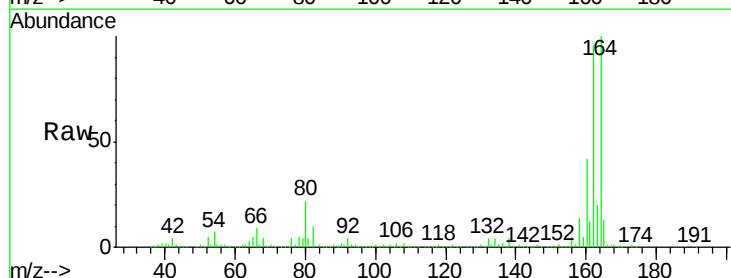
Manual Integrations  
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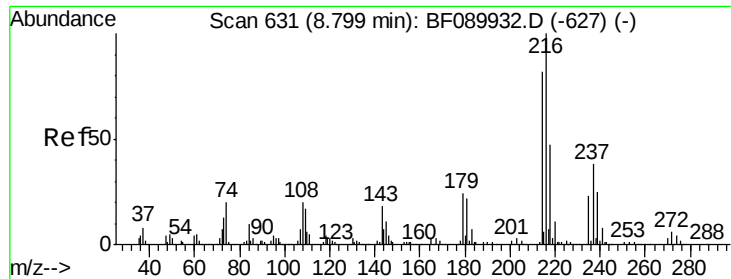
umangi  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.63 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Tgt Ion:164 Resp: 365408  
Ion Ratio Lower Upper  
164 100  
162 96.0 77.1 115.7  
160 42.5 35.3 52.9





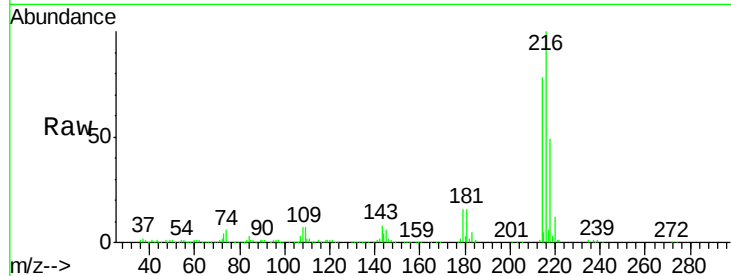
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.31 ng  
 RT: 8.78 min Scan# 629  
 Delta R.T. 0.01 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

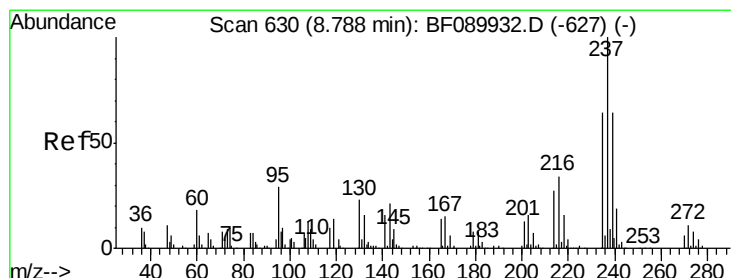
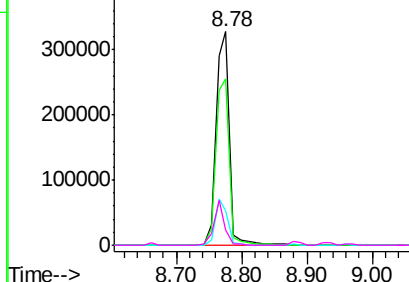
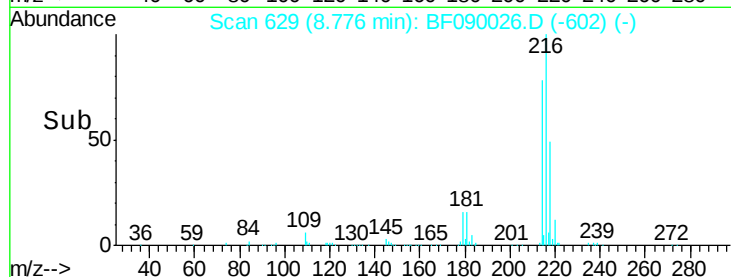
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 216  | Resp: | 474361 |
| Ion Ratio |      | Lower | Upper  |
| 216       | 100  |       |        |
| 214       | 79.7 | 63.4  | 95.2   |
| 179       | 20.4 | 17.3  | 25.9   |
| 108       | 16.6 | 15.5  | 23.3   |

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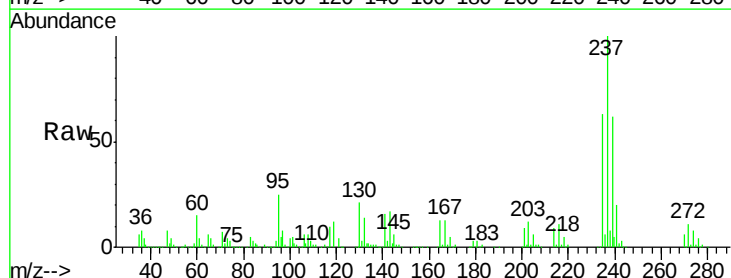


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

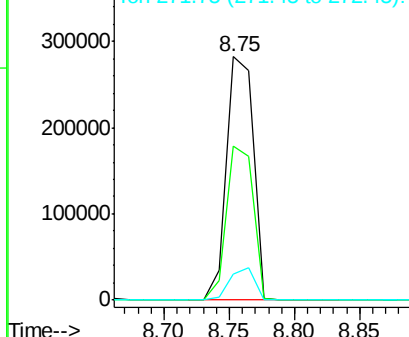
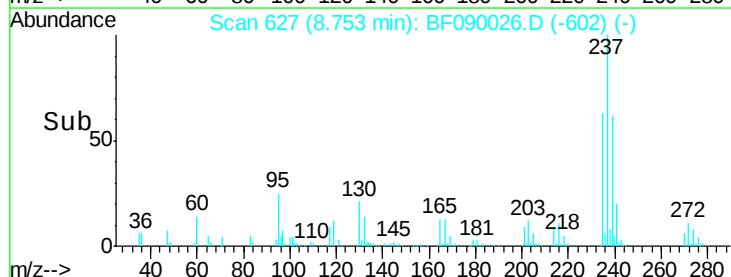


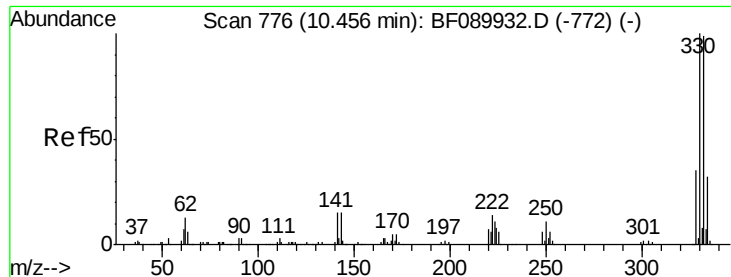
#40  
 Hexachlorocyclopentadiene  
 Concen: 73.50 ng  
 RT: 8.75 min Scan# 627  
 Delta R.T. -0.01 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 237  | Resp: | 403406 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 63.3 | 39.6  | 79.6   |
| 272       | 10.9 | 0.0   | 34.6   |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





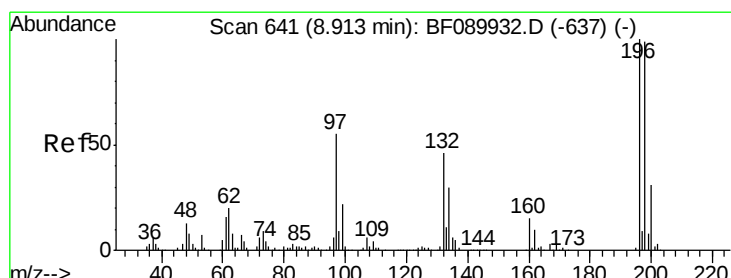
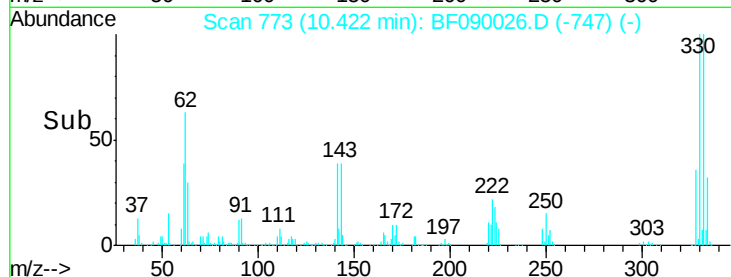
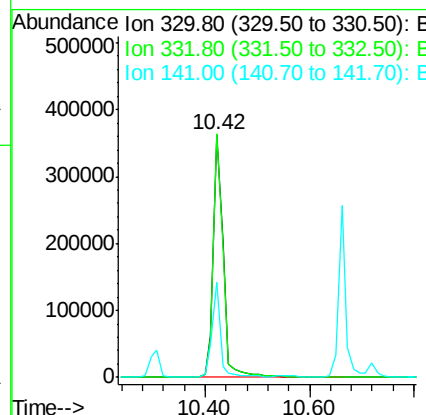
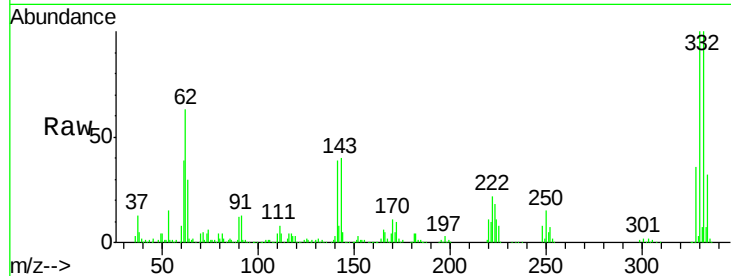
#41  
 2,4,6-Tribromophenol  
 Concen: 132.74 ng  
 RT: 10.42 min Scan# 773  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 478541 |       |       |
| 332     | 98.3  | 78.6   | 117.8 |       |
| 141     | 31.6  | 23.3   | 34.9  |       |

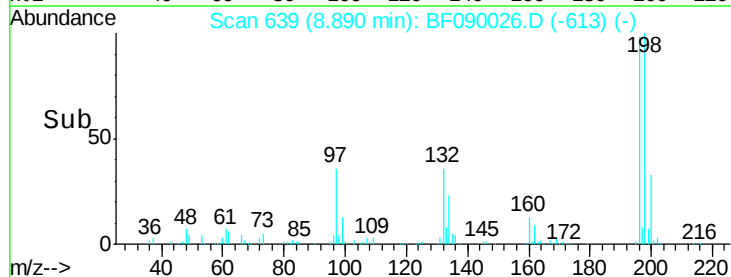
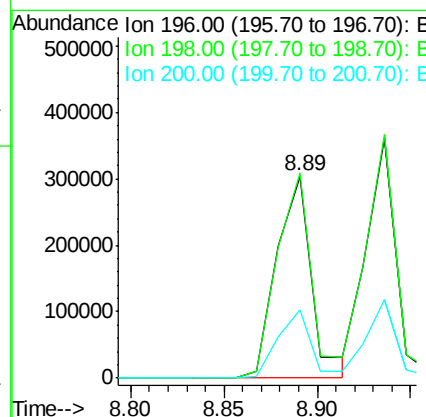
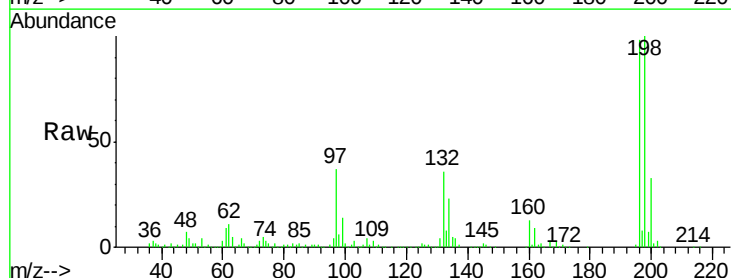
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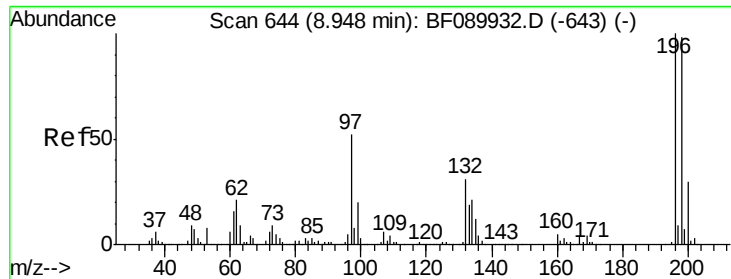
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#42  
 2,4,6-Trichlorophenol  
 Concen: 53.42 ng  
 RT: 8.89 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 396305 |       |       |
| 198     | 101.8 | 78.3   | 117.5 |       |
| 200     | 33.8  | 24.8   | 37.2  |       |





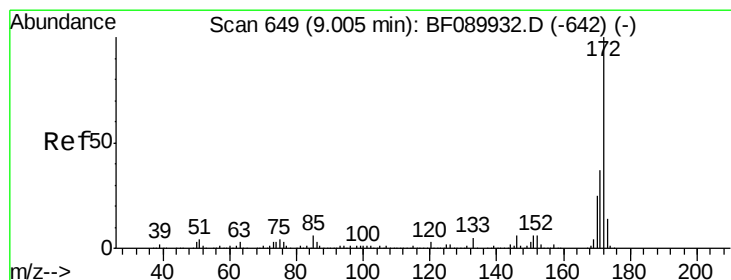
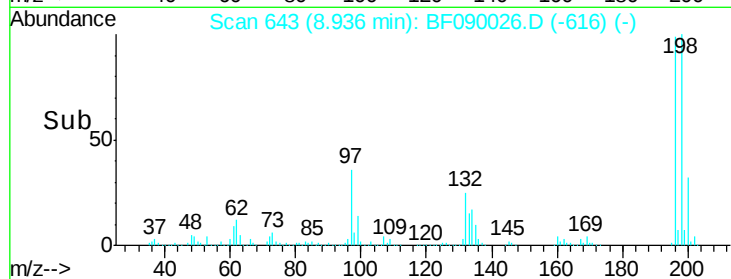
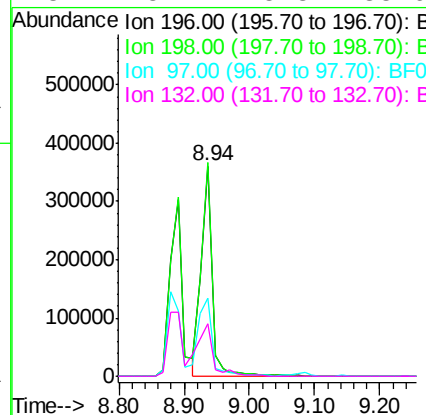
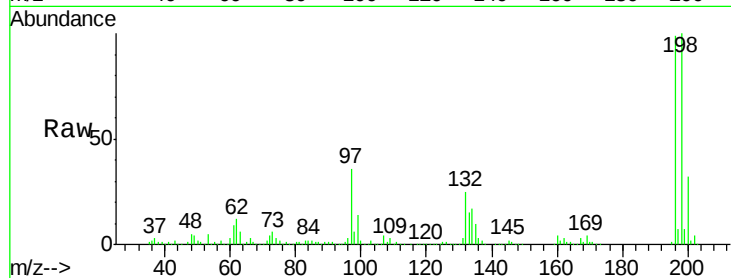
#43  
 2,4,5-Trichlorophenol  
 Concen: 59.02 ng  
 RT: 8.94 min Scan# 643  
 Delta R.T. 0.01 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 421070 |       |       |
| 198     | 101.5 | 80.8   | 121.2 |       |
| 97      | 36.8  | 44.2   | 66.4  |       |
| 132     | 25.1  | 25.8   | 38.6  |       |

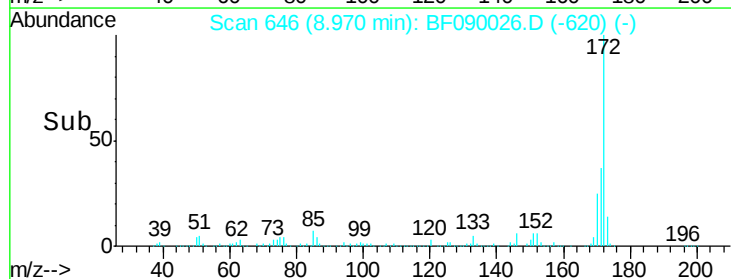
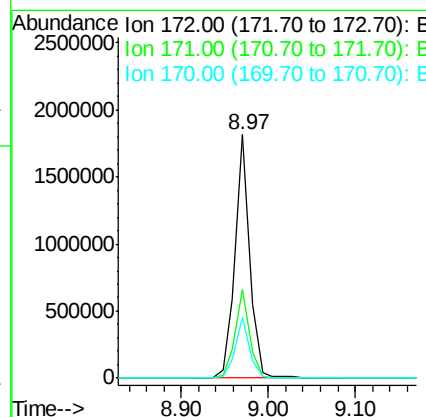
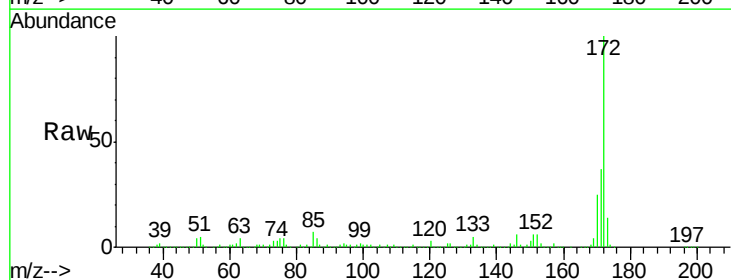
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#44  
 2-Fluorobiphenyl  
 Concen: 95.56 ng  
 RT: 8.97 min Scan# 646  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2127280 |       |       |
| 171     | 36.6  | 29.4    | 44.2  |       |
| 170     | 25.0  | 20.1    | 30.1  |       |





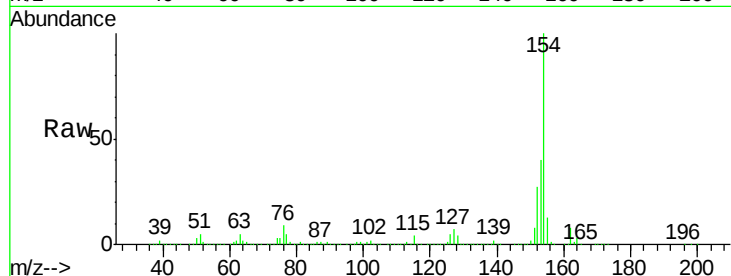
#45  
 1,1'-Biphenyl  
 Concen: 45.37 ng  
 RT: 9.07 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

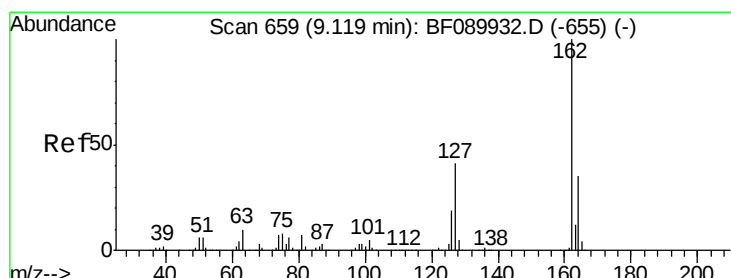
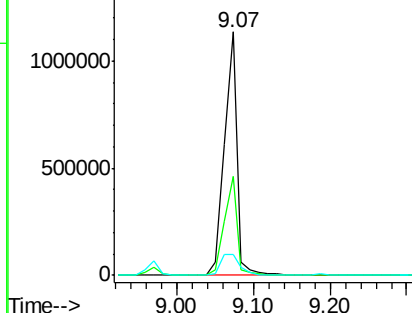
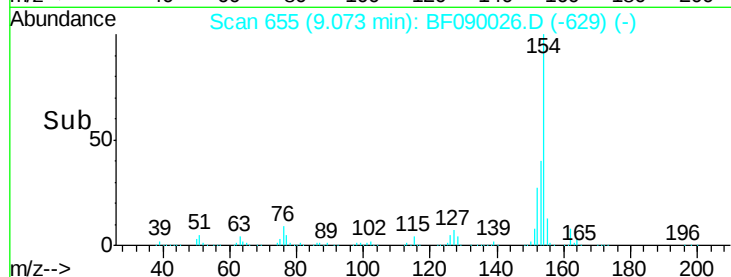
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 20.6  | 60.6  |
| 76      | 8.7   | 0.0   | 34.9  |

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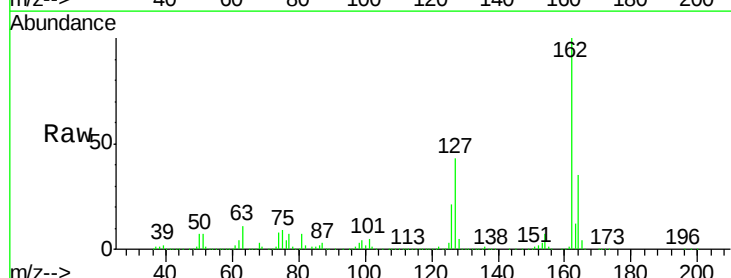


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

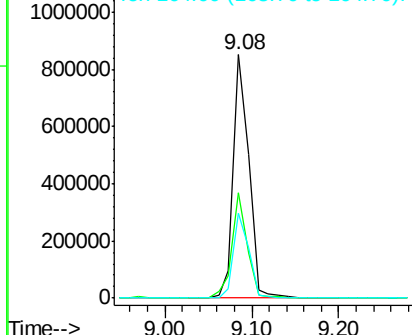
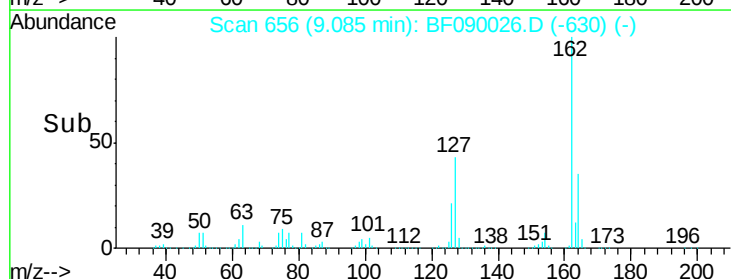


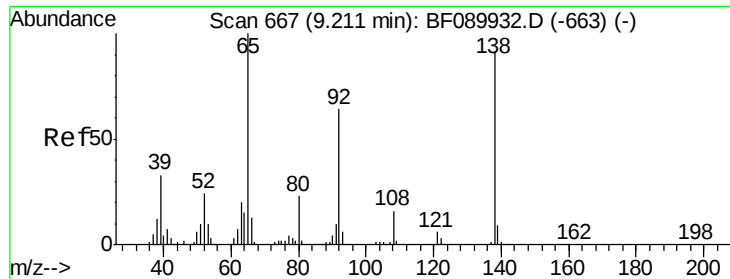
#46  
 2-Chloronaphthalene  
 Concen: 50.36 ng  
 RT: 9.08 min Scan# 656  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.3  | 33.5  | 50.3  |
| 164     | 34.8  | 28.2  | 42.4  |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E





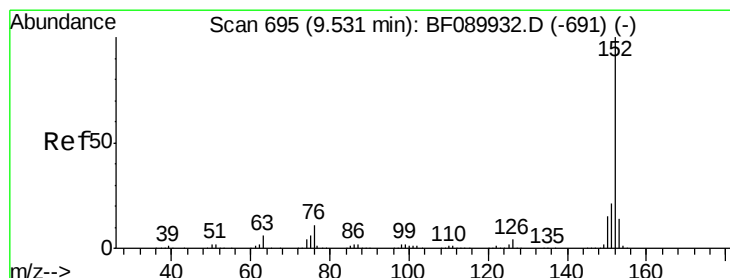
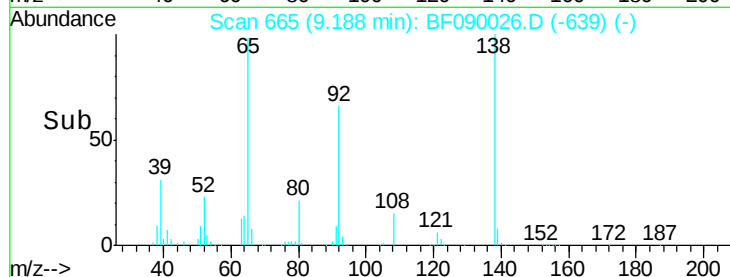
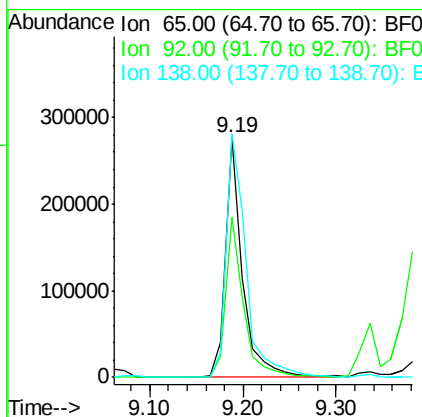
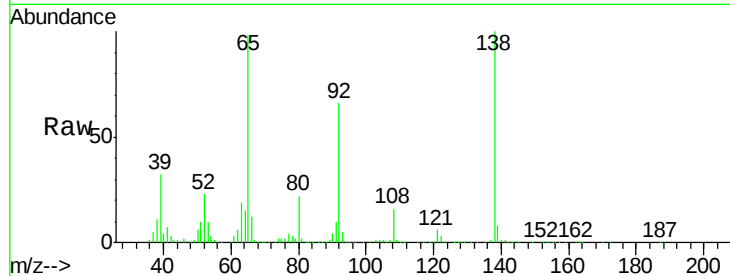
#47  
2-Nitroaniline  
Concen: 51.17 ng  
RT: 9.19 min Scan# 665  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.9  | 52.0  | 78.0  |
| 138     | 101.7 | 72.1  | 108.1 |

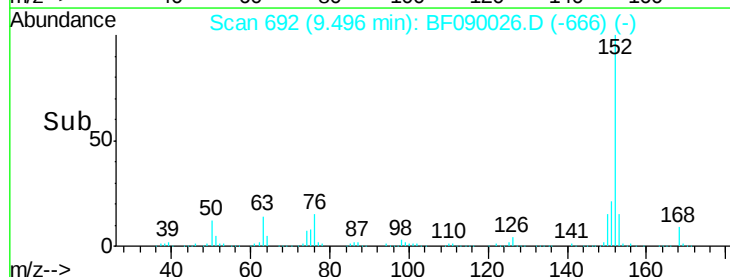
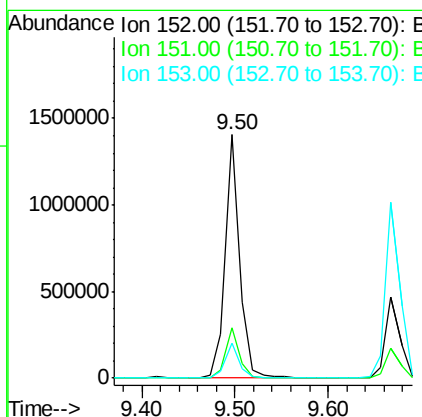
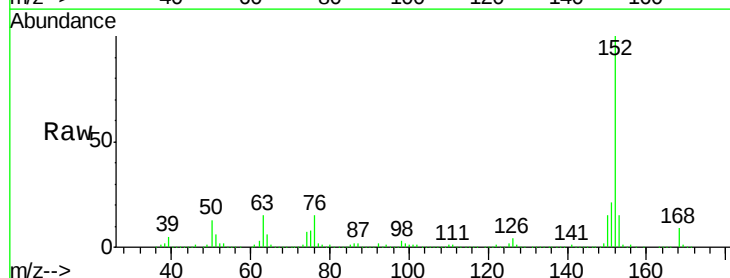
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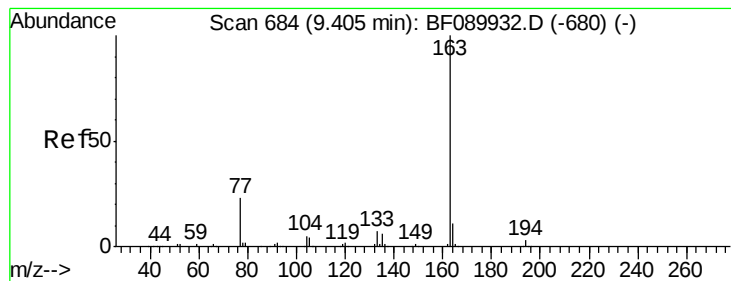
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#48  
Acenaphthylene  
Concen: 44.02 ng  
RT: 9.50 min Scan# 692  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 16.7  | 25.1  |
| 153     | 14.6  | 11.6  | 17.4  |





#49

Dimethylphthalate

Concen: 87.54 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:163 Resp: 2312015

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

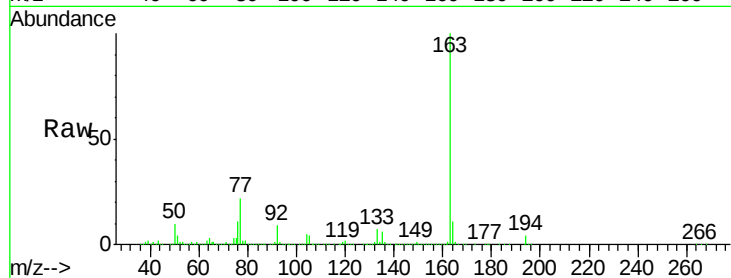
164 11.5 9.0 13.4

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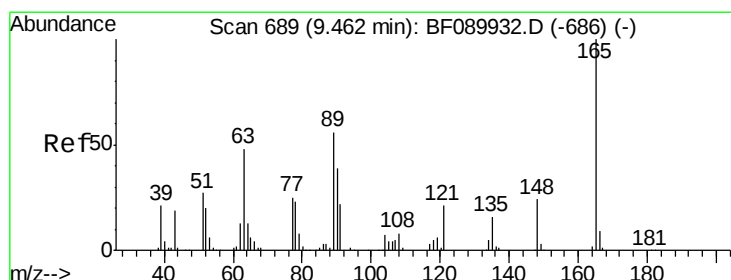
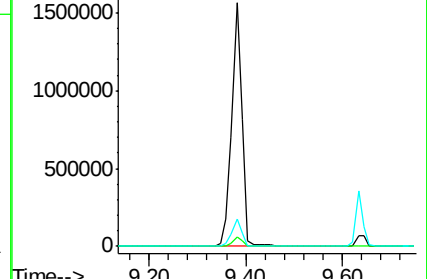
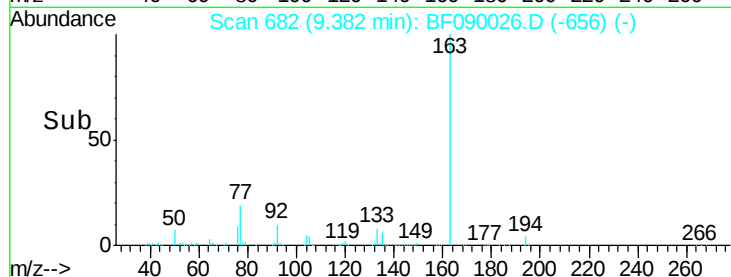
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.90 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

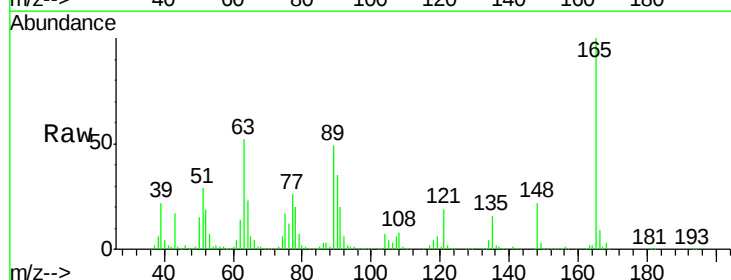
Tgt Ion:165 Resp: 316609

Ion Ratio Lower Upper

165 100

63 51.7 45.0 67.4

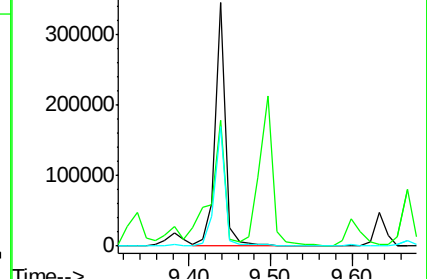
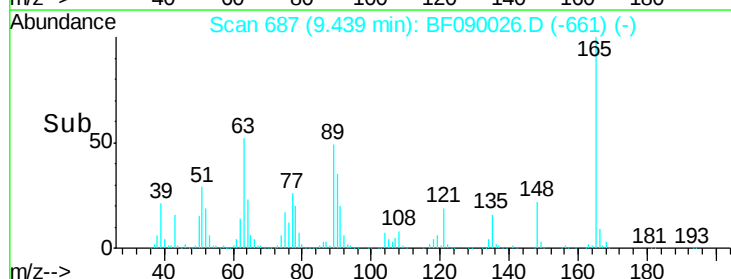
89 49.3 41.5 62.3

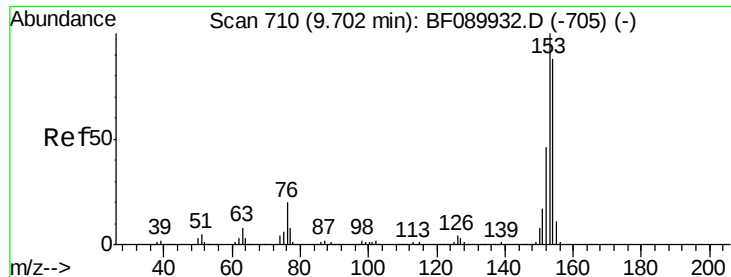


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.66 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:154 Resp: 1060909

Ion Ratio Lower Upper

154 100

153 112.8 90.6 135.8

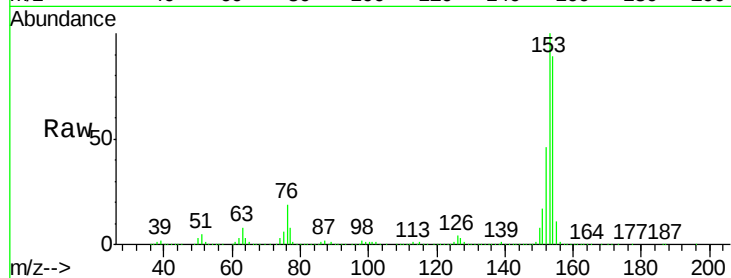
152 51.9 42.4 63.6

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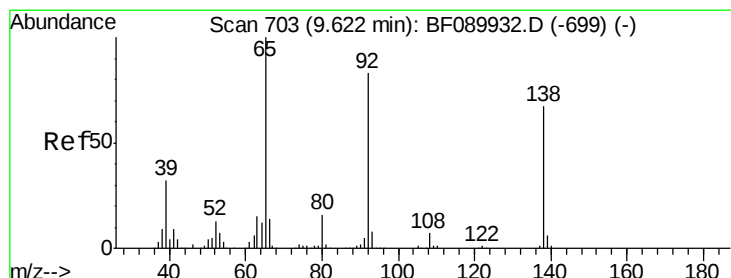
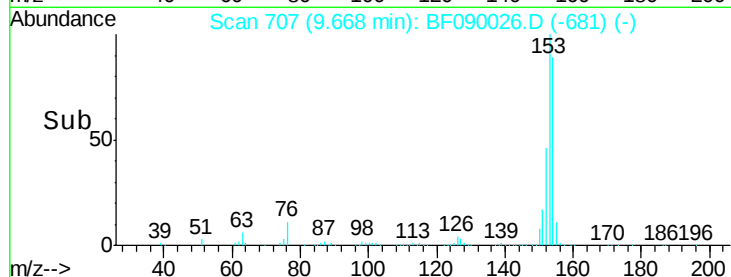
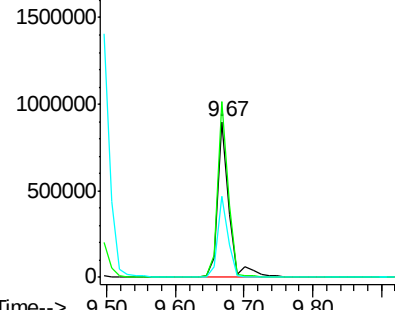
9/9/2016 11:19:15 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.54 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

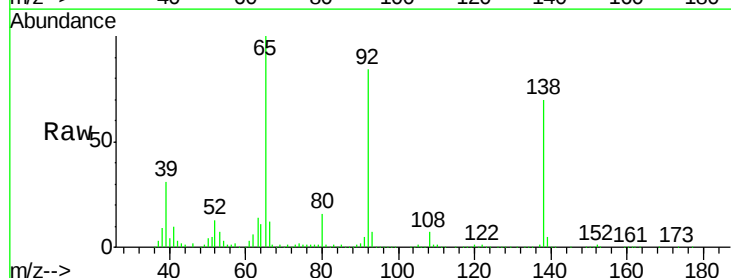
Tgt Ion:138 Resp: 298414

Ion Ratio Lower Upper

138 100

108 10.1 8.3 12.5

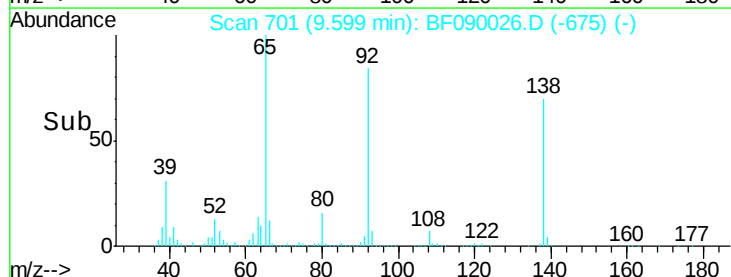
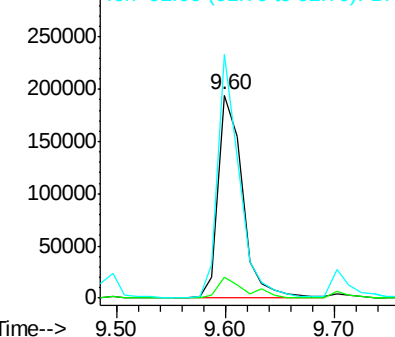
92 119.8 99.1 148.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





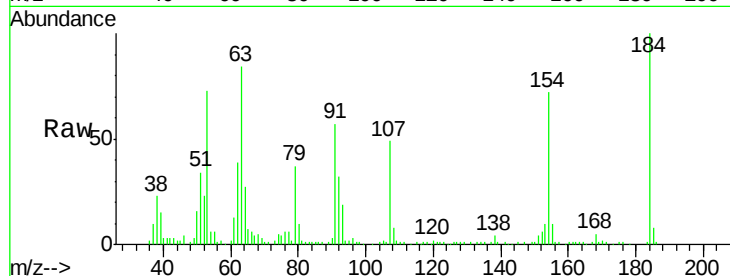
#53  
2,4-Dinitrophenol  
Concen: 45.56 ng  
RT: 9.70 min Scan# 710  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

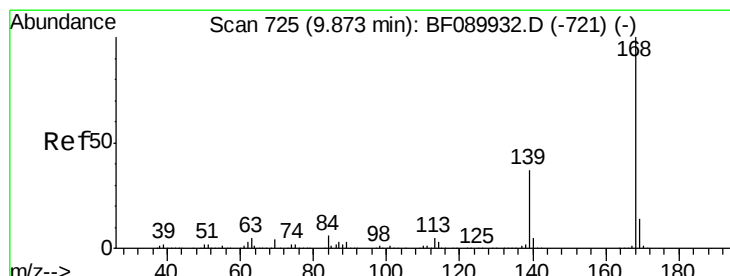
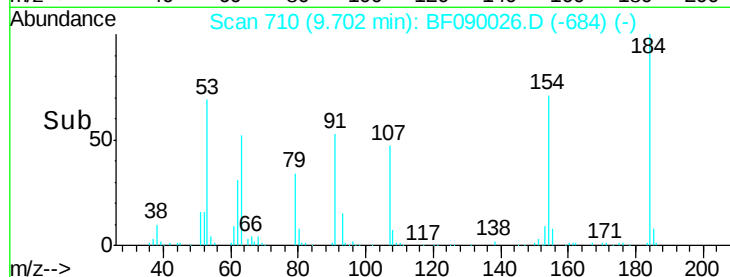
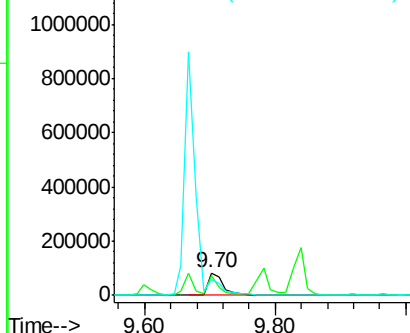
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 83.8  | 73.9  | 110.9 |
| 154     | 71.8  | 53.5  | 80.3  |

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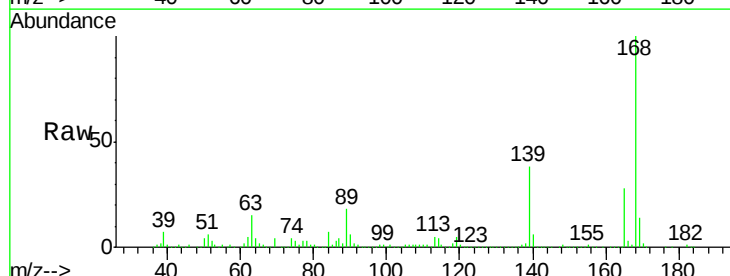


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

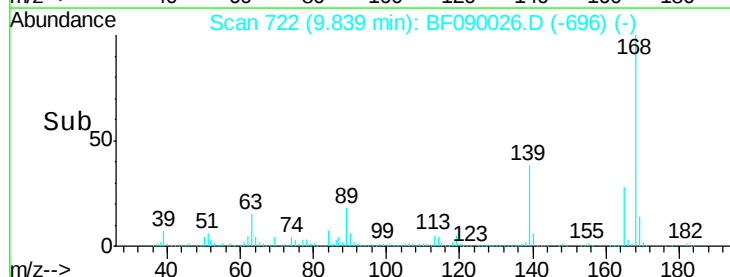
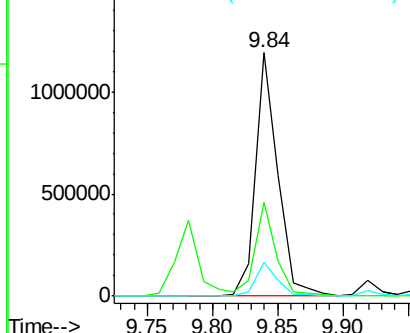


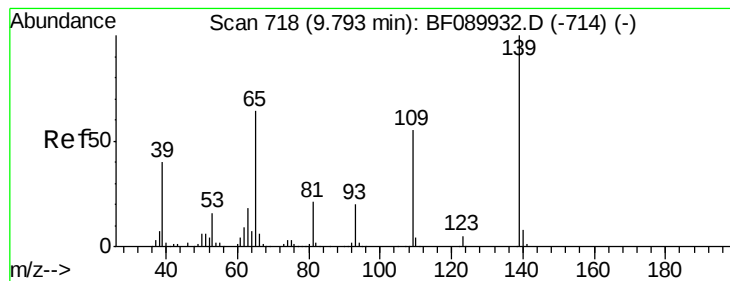
#54  
Dibenzofuran  
Concen: 48.58 ng  
RT: 9.84 min Scan# 722  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.4  | 29.5  | 44.3  |
| 169     | 13.9  | 10.8  | 16.2  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





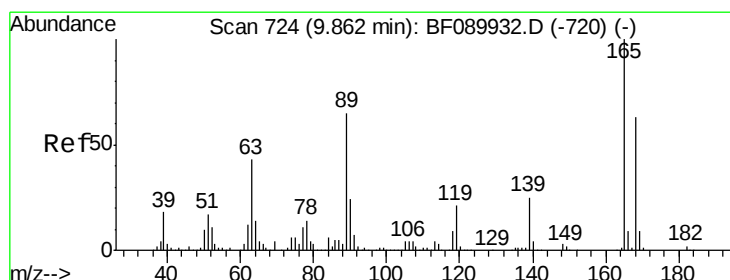
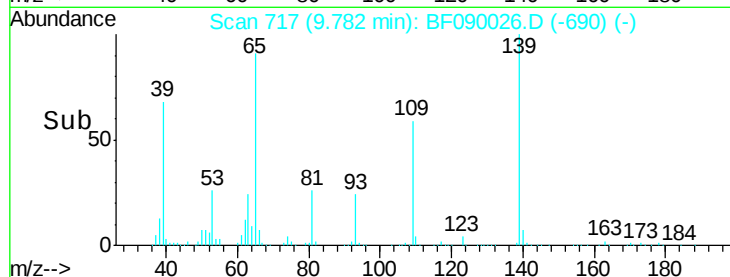
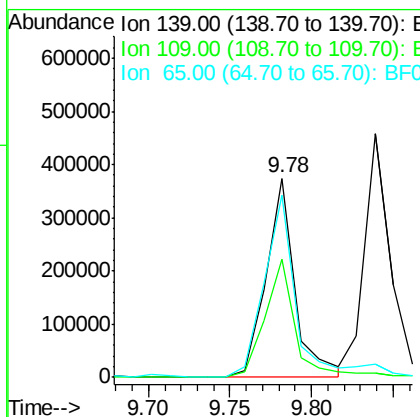
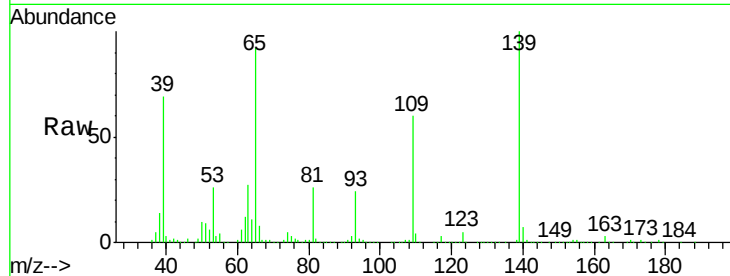
#55  
4-Nitrophenol  
Concen: 91.50 ng  
RT: 9.78 min Scan# 717  
Delta R.T. 0.01 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 462348 |       |       |
| 109     | 59.5  | 31.3   | 71.3  |       |
| 65      | 91.7  | 38.5   | 78.5  |       |

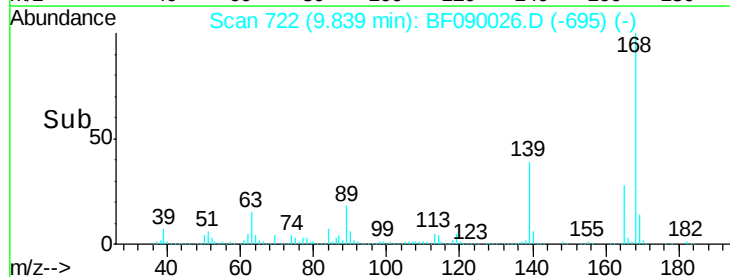
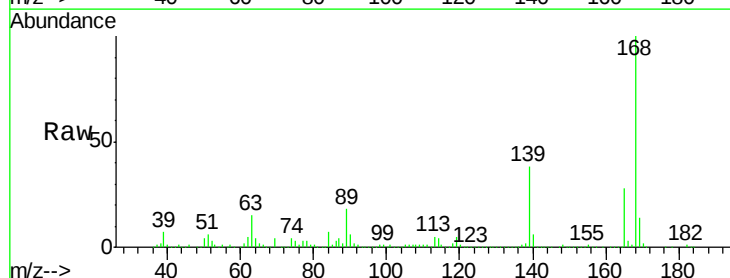
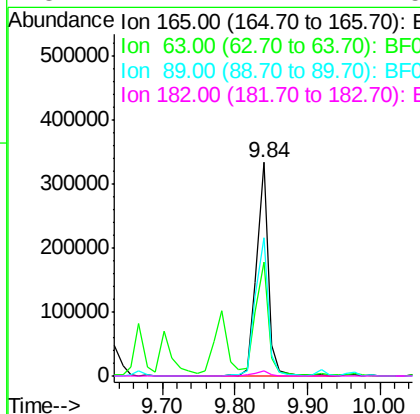
Manual Integrations  
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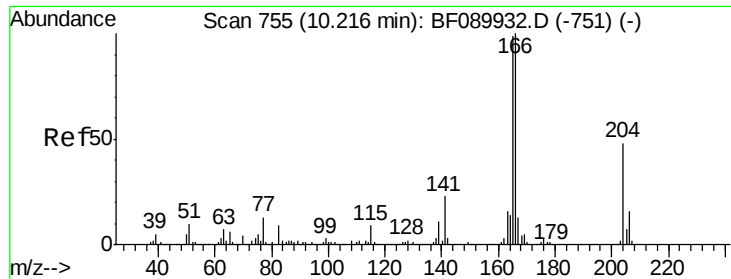
umangi  
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#56  
2,4-Dinitrotoluene  
Concen: 51.24 ng  
RT: 9.84 min Scan# 722  
Delta R.T. 0.01 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 381673 |       |       |
| 63      | 53.6  | 32.5   | 48.7  |       |
| 89      | 64.6  | 48.3   | 72.5  |       |
| 182     | 2.4   | 1.7    | 2.5   |       |





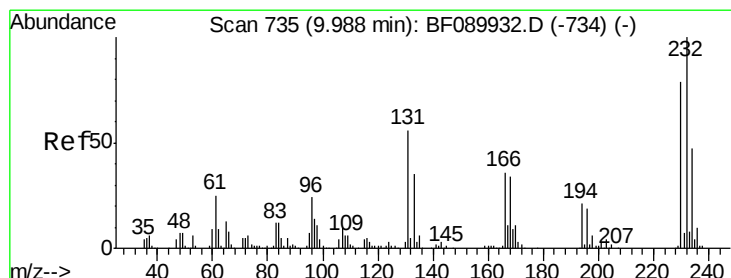
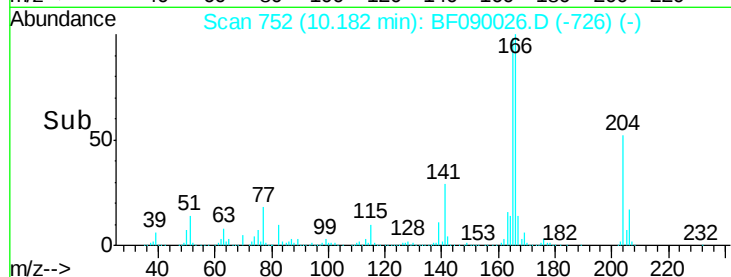
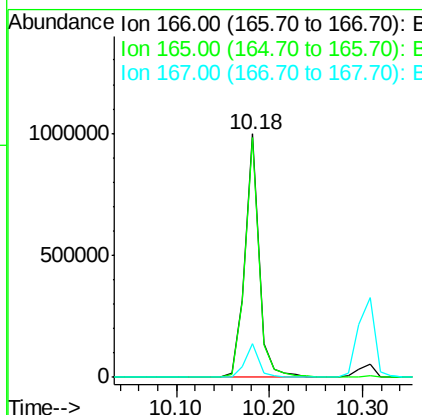
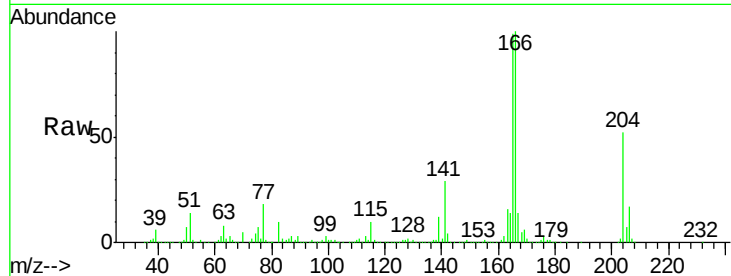
#57  
**Fluorene**  
 Concen: 49.35 ng  
 RT: 10.18 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

Tgt Ion:166 Resp: 1053598  
 Ion Ratio Lower Upper  
 166 100  
 165 98.7 78.6 118.0  
 167 13.7 10.6 15.8

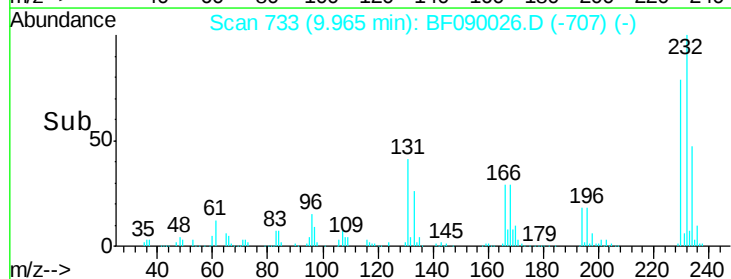
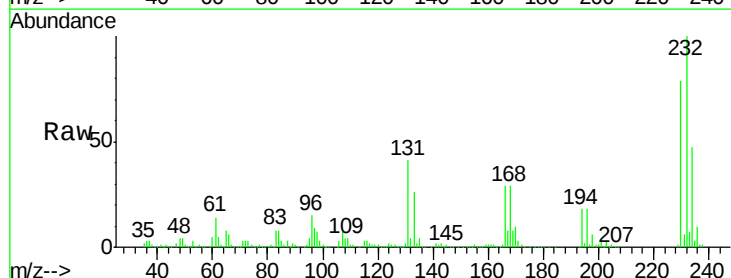
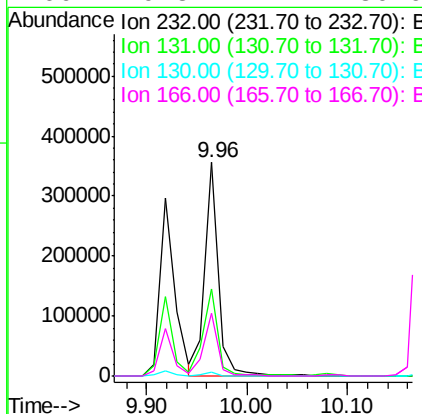
Manual Integrations  
 APPROVED

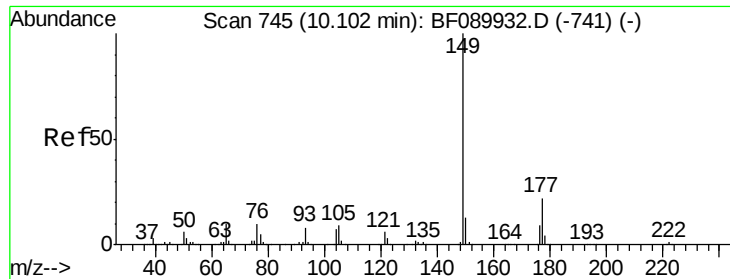
umangi  
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 55.24 ng  
 RT: 9.96 min Scan# 733  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Tgt Ion:232 Resp: 337360  
 Ion Ratio Lower Upper  
 232 100  
 131 43.4 36.3 54.5  
 130 2.3 1.7 2.5  
 166 29.8 24.4 36.6





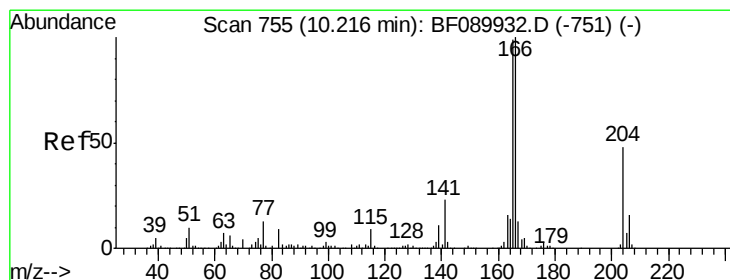
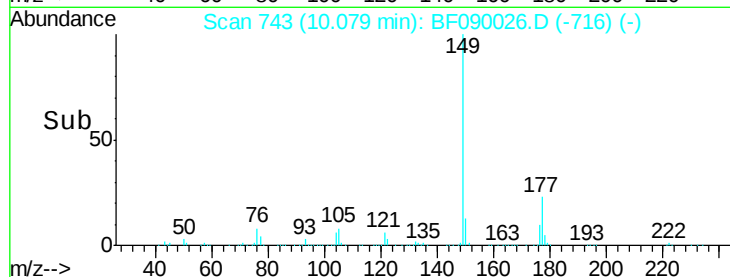
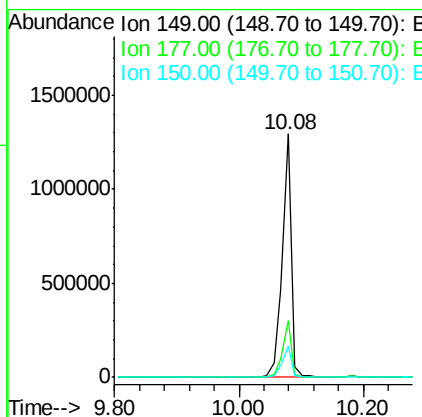
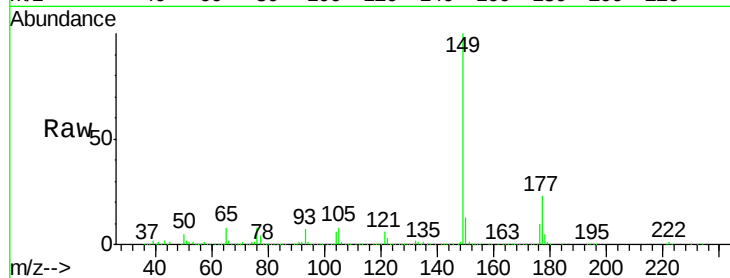
#59  
Diethylphthalate  
Concen: 53.46 ng  
RT: 10.08 min Scan# 743  
Delta R.T. 0.01 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

Tgt Ion:149 Resp: 1328312  
Ion Ratio Lower Upper  
149 100  
177 23.4 17.7 26.5  
150 12.7 10.2 15.2

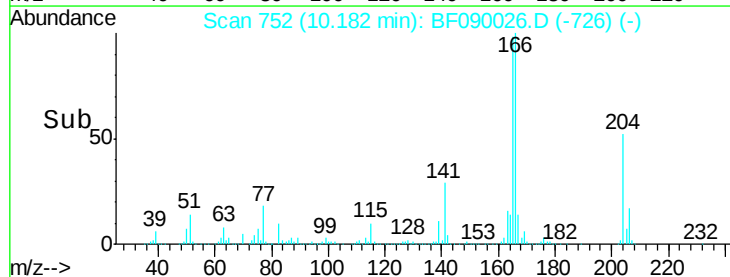
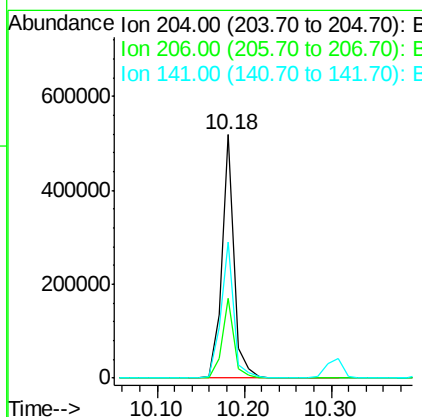
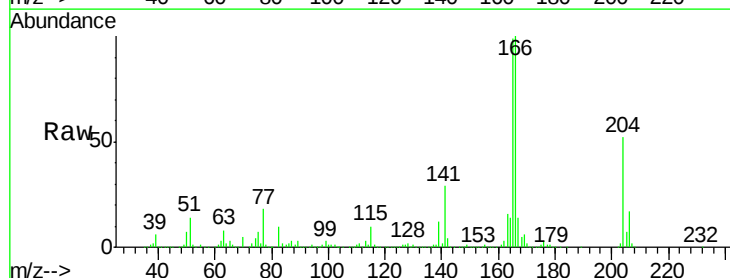
Manual Integrations  
APPROVED

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#60  
4-Chlorophenyl-phenylether  
Concen: 51.13 ng  
RT: 10.18 min Scan# 752  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Tgt Ion:204 Resp: 513749  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.6 40.0  
141 55.9 36.5 54.7#





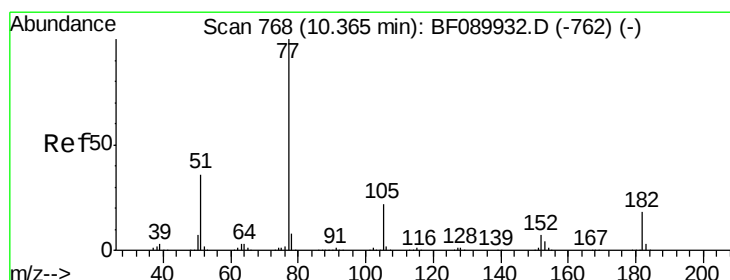
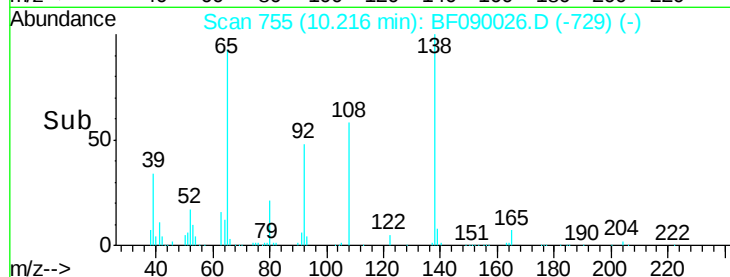
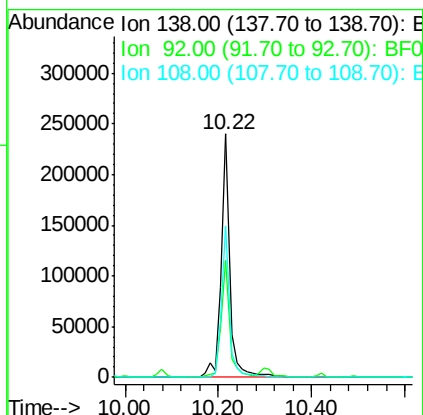
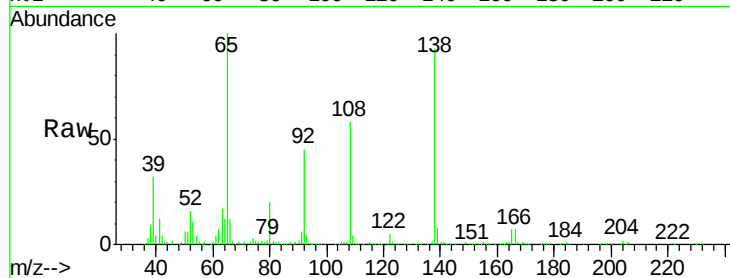
#61  
4-Nitroaniline  
Concen: 46.31 ng  
RT: 10.22 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.9  | 21.2  | 61.2  |
| 108     | 62.2  | 37.7  | 77.7  |

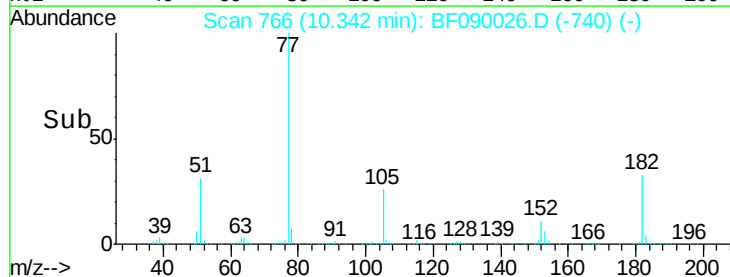
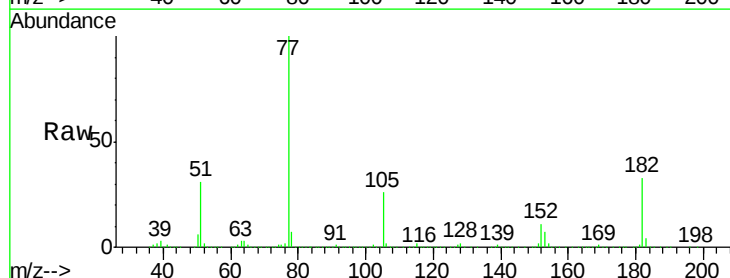
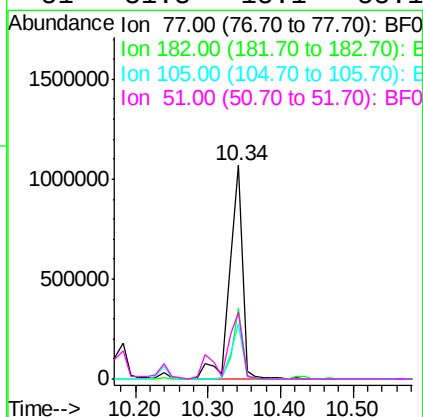
Manual Integrations  
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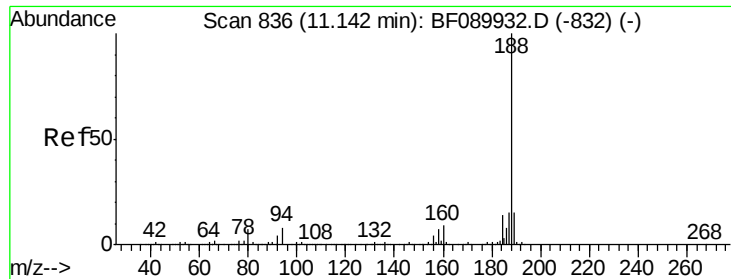
umangi  
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#62  
Azobenzene  
Concen: 52.83 ng  
RT: 10.34 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 32.9  | 0.0   | 38.6  |
| 105     | 25.7  | 2.3   | 42.3  |
| 51      | 31.3  | 15.1  | 55.1  |





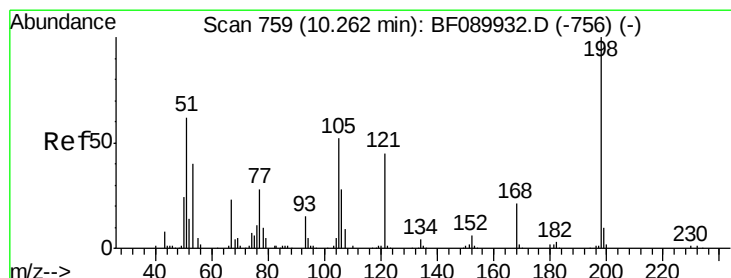
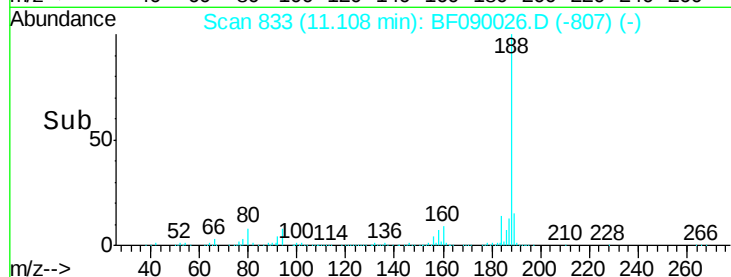
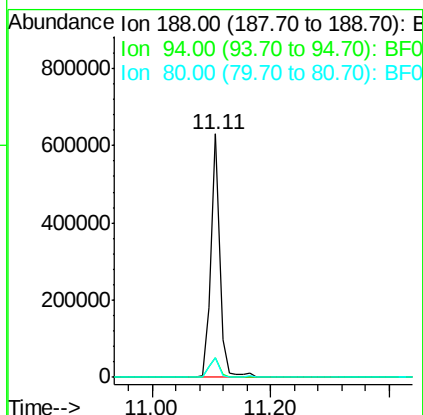
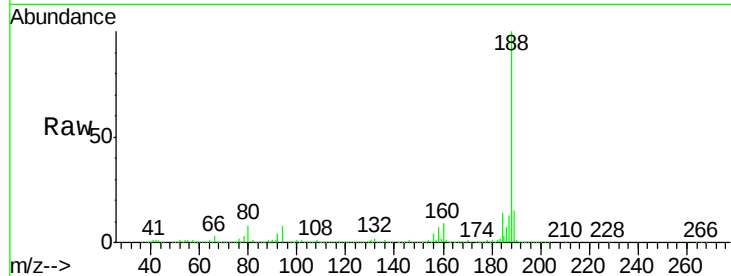
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.11 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.0   | 5.9        | 8.9        |
| 80      | 8.2   | 5.8        | 8.8        |

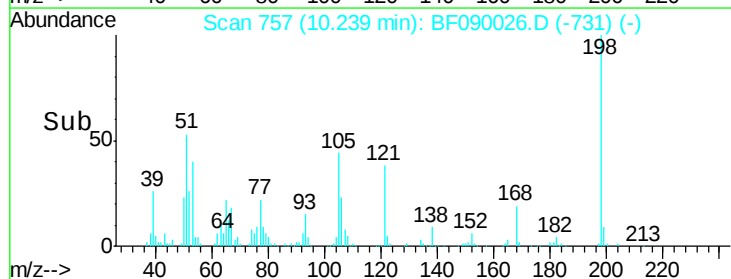
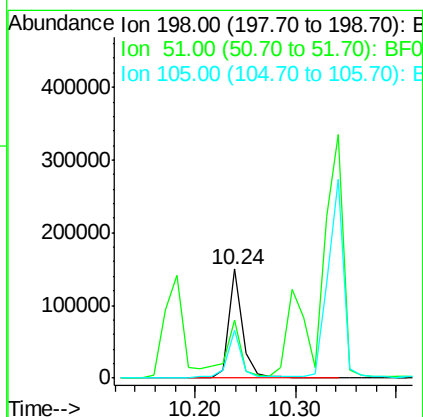
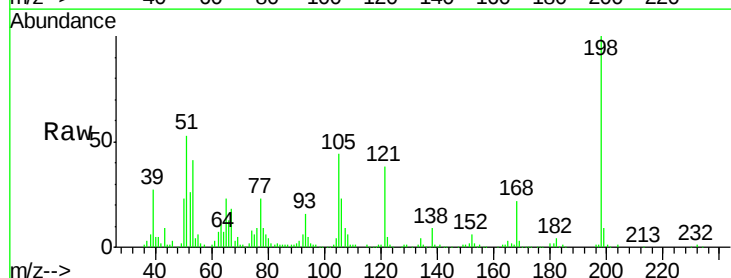
Manual Integrations  
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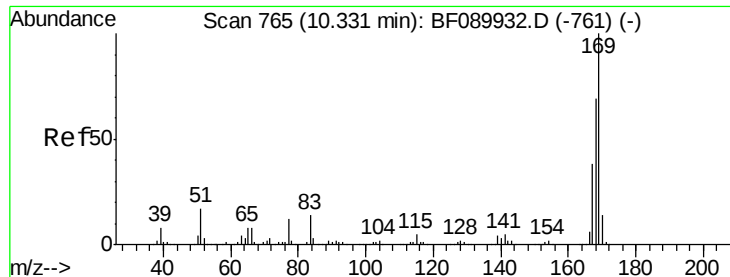
umangi  
9/9/2016 11:19:15 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.73 ng  
RT: 10.24 min Scan# 757  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 52.8  | 43.0       | 83.0       |
| 105     | 43.9  | 30.3       | 70.3       |





#65

n-Nitrosodiphenylamine

Concen: 55.20 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:169 Resp: 1086455

Ion Ratio Lower Upper

169 100

168 68.1 55.0 82.4

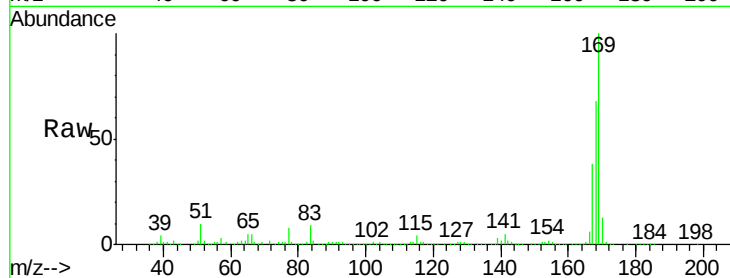
167 37.6 30.5 45.7

Manual Integrations

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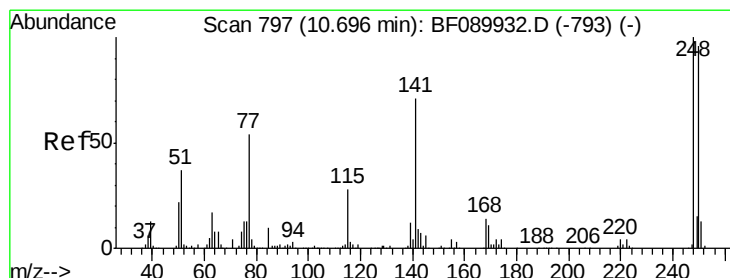
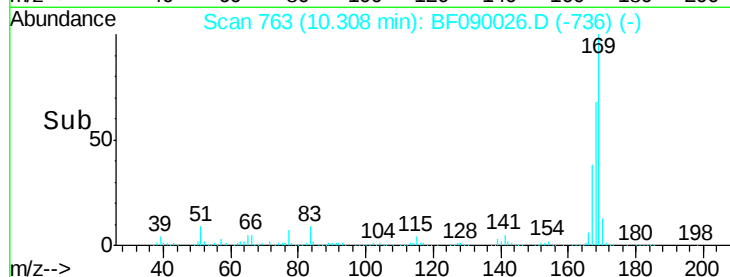
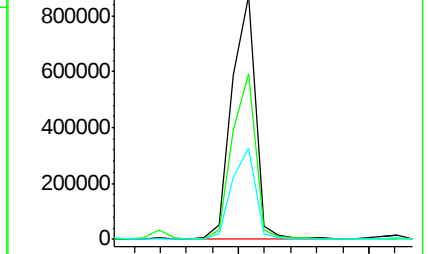
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.47 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

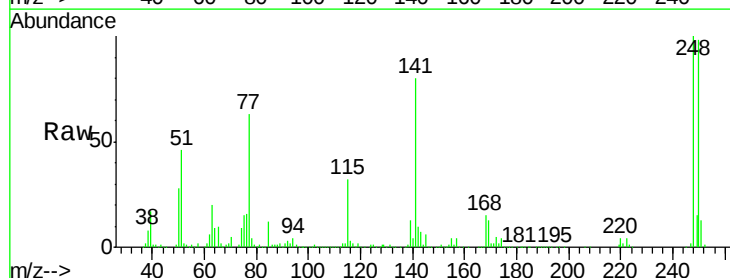
Tgt Ion:248 Resp: 352388

Ion Ratio Lower Upper

248 100

250 97.5 77.3 115.9

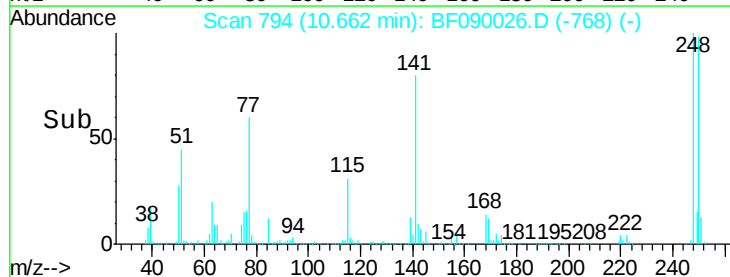
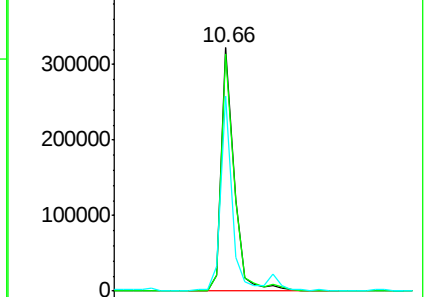
141 79.9 55.8 83.8

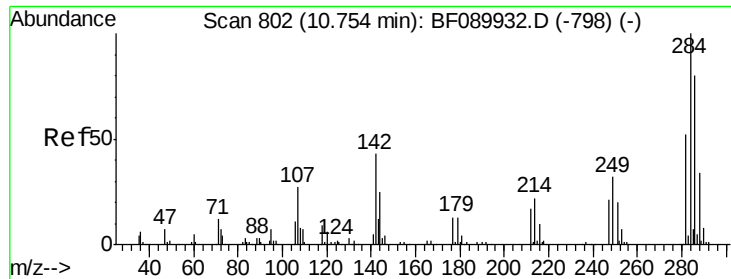


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





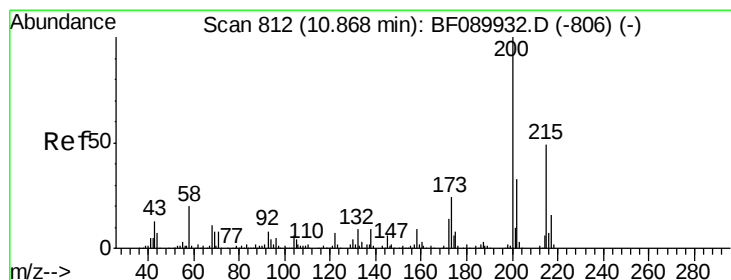
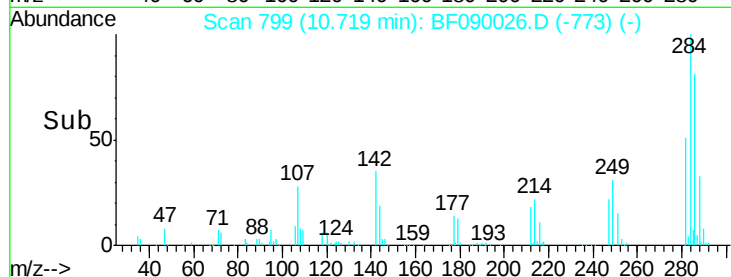
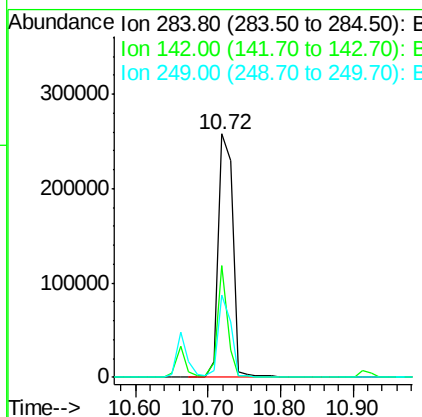
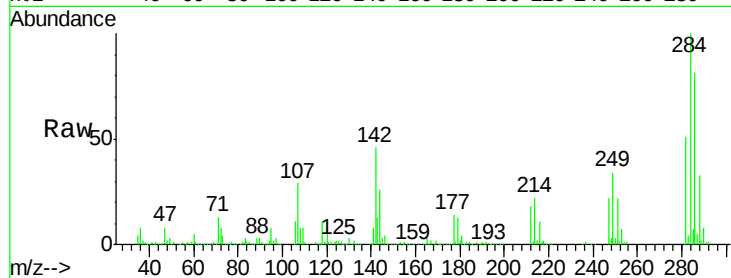
#67  
Hexachlorobenzene  
Concen: 47.56 ng  
RT: 10.72 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 357995 |       |       |
| 142     | 45.9  | 32.7   | 49.1  |       |
| 249     | 34.0  | 26.9   | 40.3  |       |

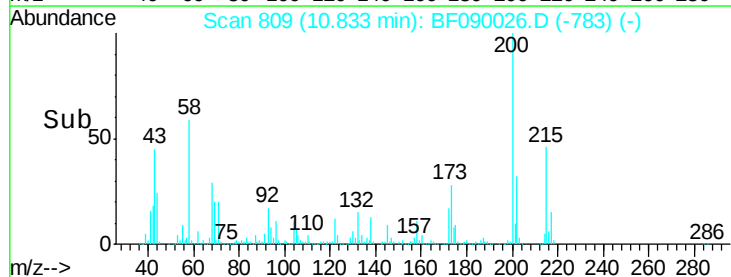
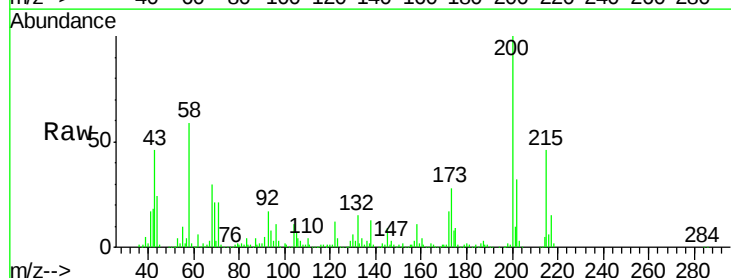
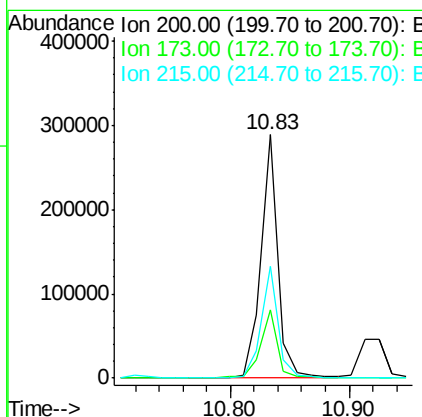
Manual Integrations  
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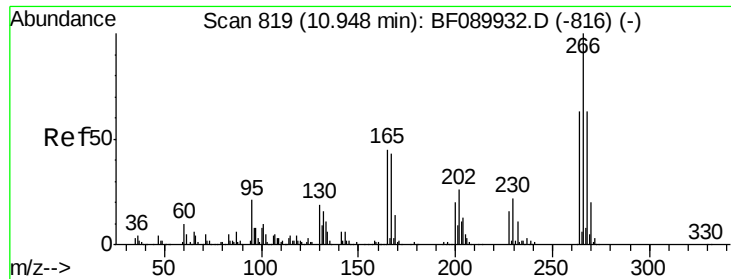
umangi  
9/9/2016 11:19:15 AM



#68  
Atrazine  
Concen: 44.43 ng  
RT: 10.83 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 291889 |       |       |
| 173     | 28.1  | 9.4    | 49.4  |       |
| 215     | 46.0  | 24.5   | 64.5  |       |





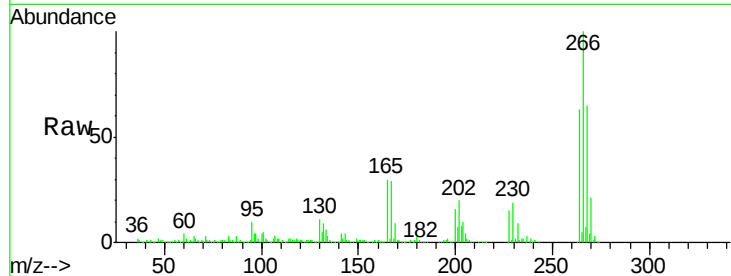
#69  
 Pentachlorophenol  
 Concen: 95.00 ng  
 RT: 10.92 min Scan# 817  
 Delta R.T. 0.01 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

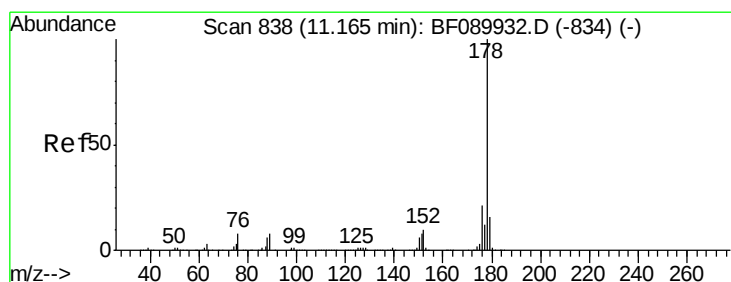
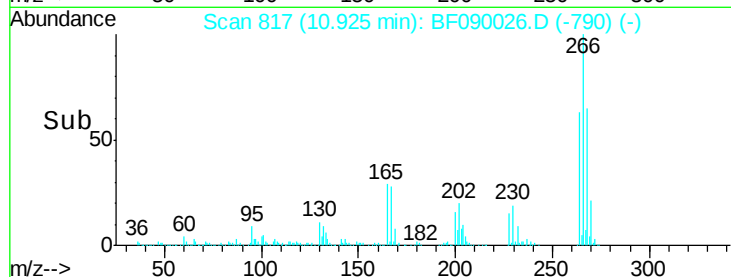
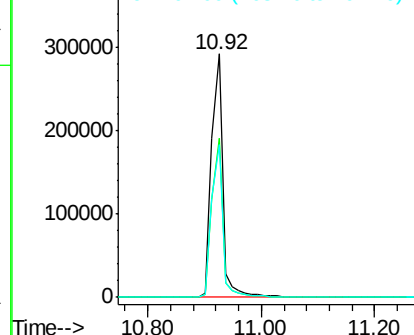
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 384742 |       |       |
| 268     | 65.2  | 51.0   | 76.6  |       |
| 264     | 62.7  | 50.6   | 75.8  |       |

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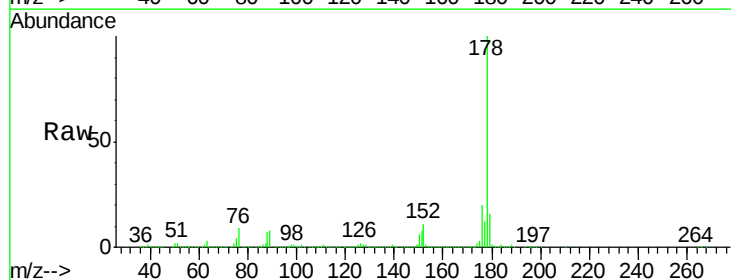


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

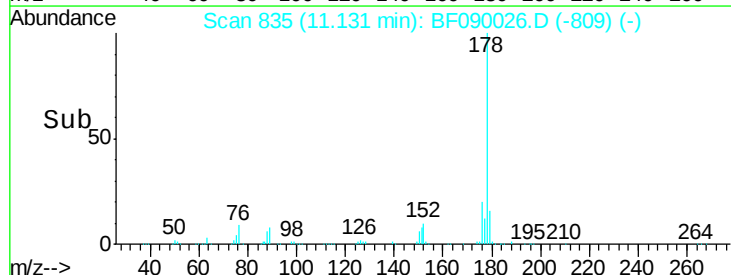
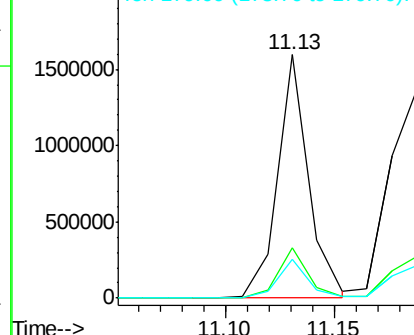


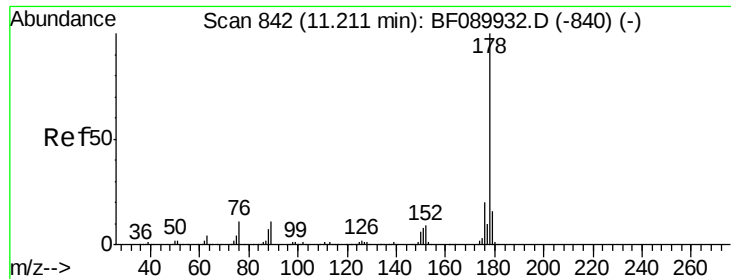
#70  
 Phenanthrene  
 Concen: 48.69 ng  
 RT: 11.13 min Scan# 835  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1587216 |       |       |
| 176     | 20.5  | 16.5    | 24.7  |       |
| 179     | 16.1  | 12.8    | 19.2  |       |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





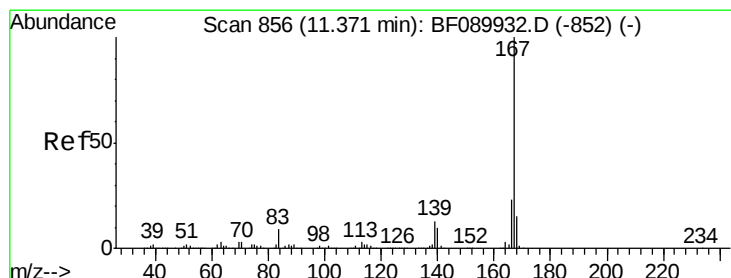
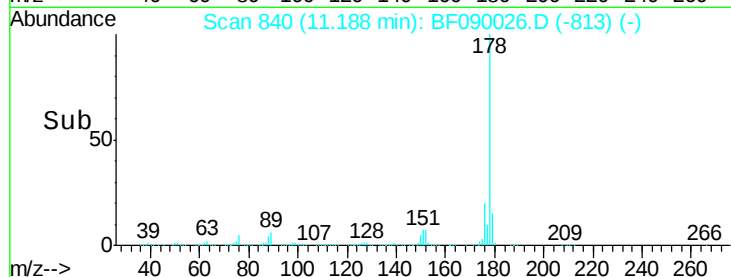
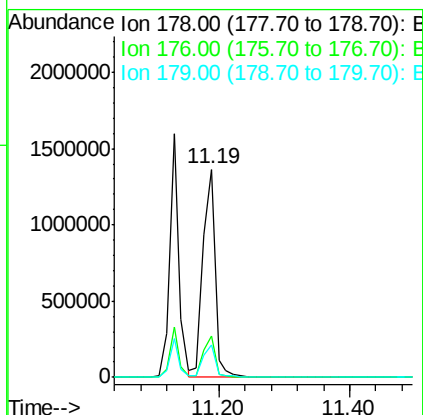
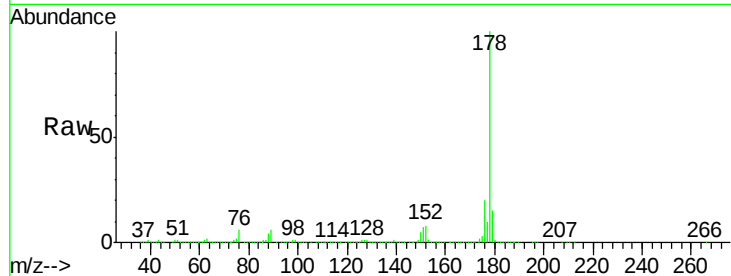
#71  
 Anthracene  
 Concen: 53.38 ng  
 RT: 11.19 min Scan# 840  
 Delta R.T. 0.01 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

Tgt Ion:178 Resp: 1764794  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.8 23.8  
 179 15.3 13.0 19.4

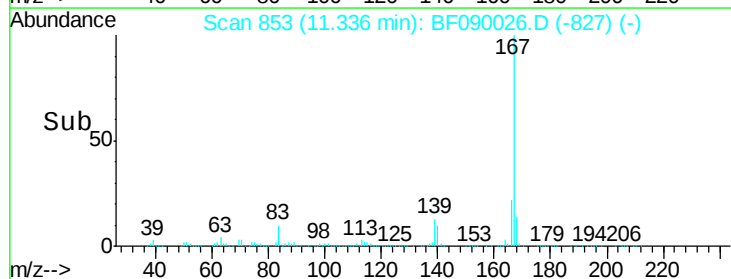
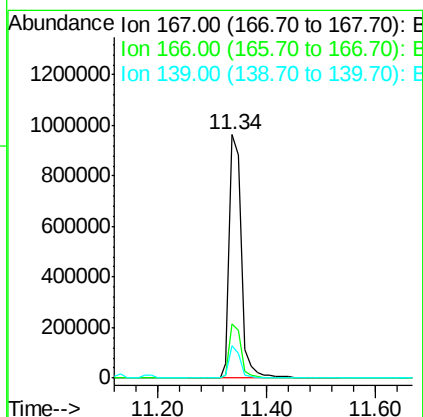
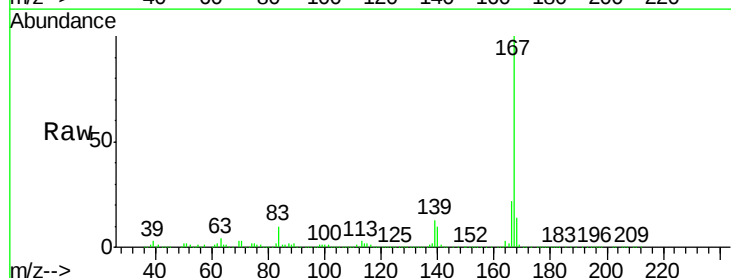
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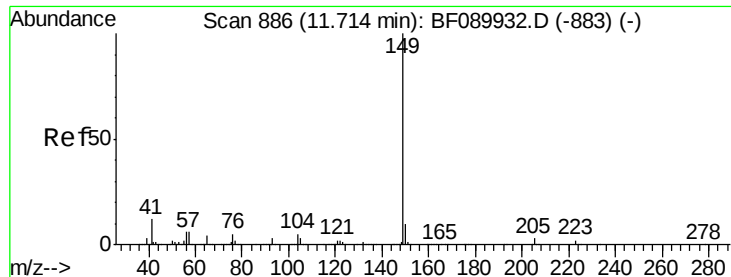
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#72  
 Carbazole  
 Concen: 47.22 ng  
 RT: 11.34 min Scan# 853  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Tgt Ion:167 Resp: 1464034  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.1 27.1  
 139 13.4 10.4 15.6





#73

Di-n-butylphthalate

Concen: 50.78 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

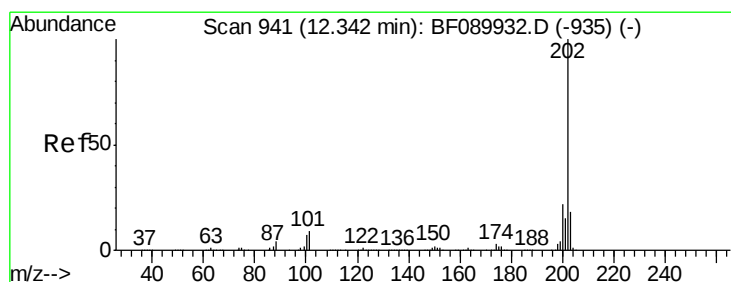
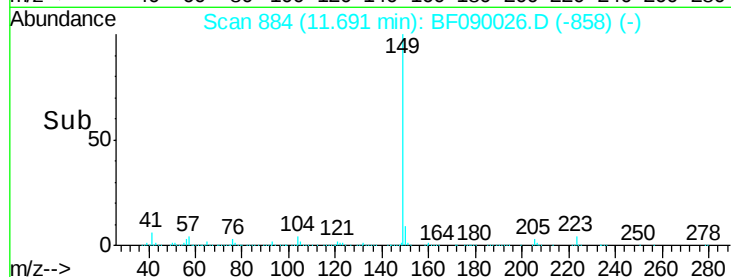
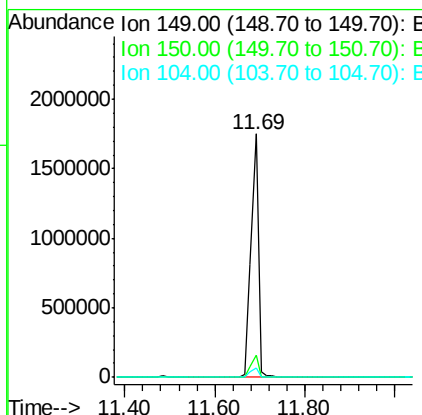
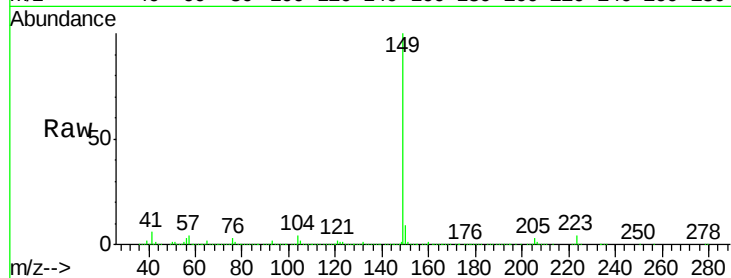
ClientSampleId :

BH-16-0-1FTMSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1835050 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.3   | 7.8   | 11.8    |
| 104       | 3.9   | 3.9   | 5.9     |

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#74

Fluoranthene

Concen: 49.03 ng

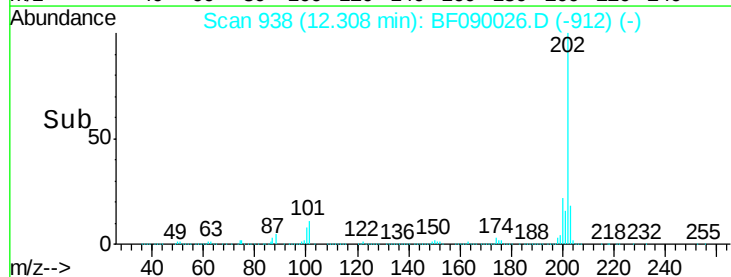
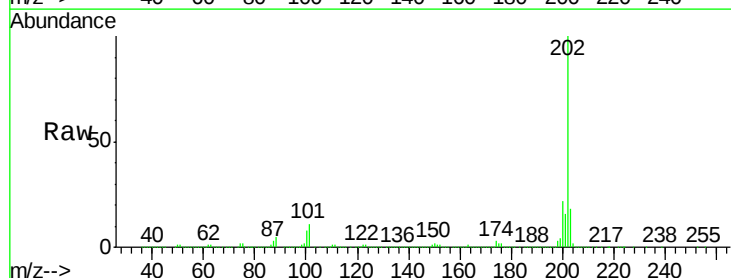
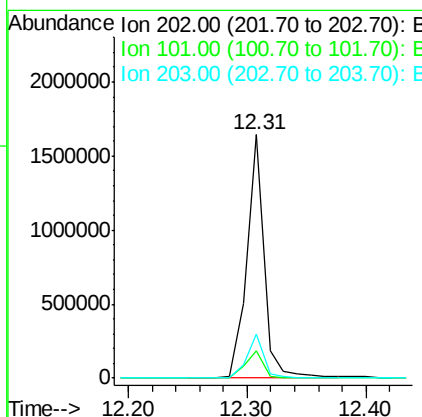
RT: 12.31 min Scan# 938

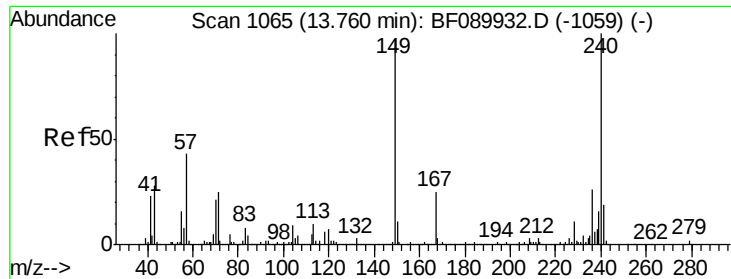
Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1674955 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 11.0  | 0.0   | 28.5    |
| 203       | 18.1  | 0.0   | 38.0    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

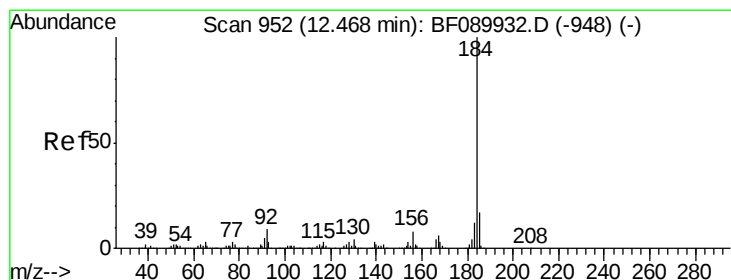
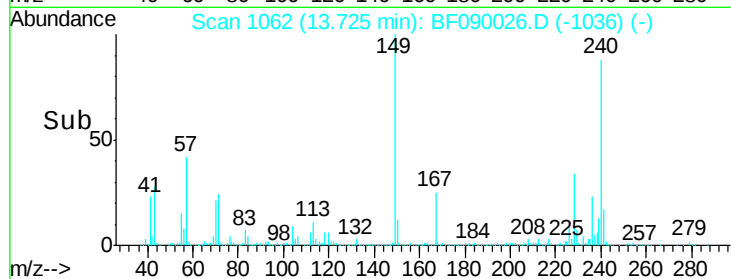
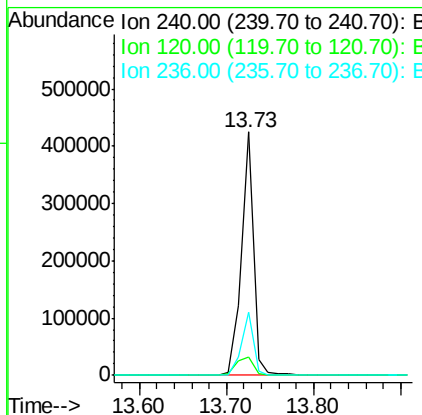
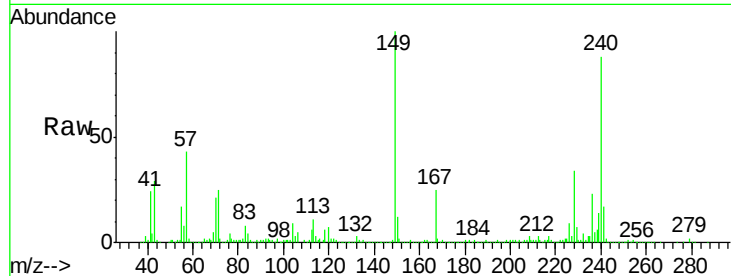
ClientSampleId :

BH-16-0-1FTMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.5   | 5.7   | 8.5   |
| 236     | 26.1  | 21.3  | 31.9  |

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#76

Benzidine

Concen: 16.89 ng

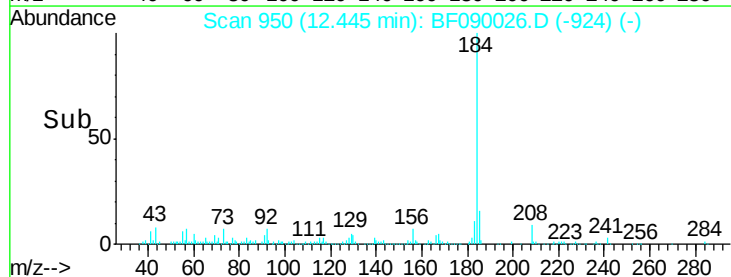
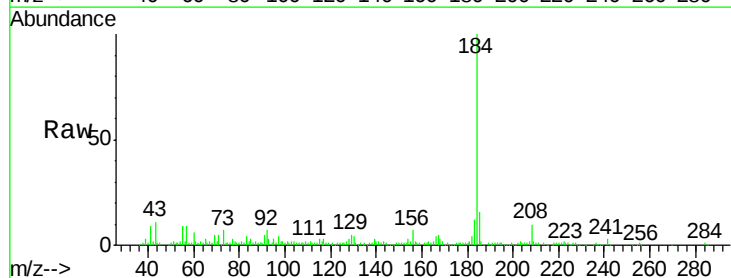
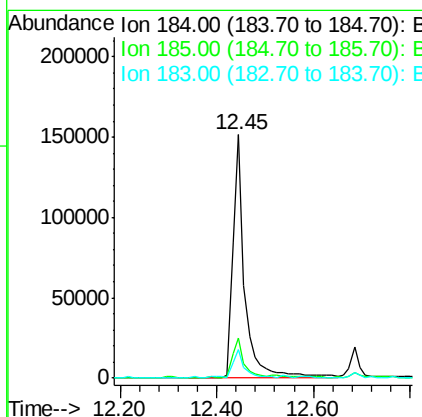
RT: 12.45 min Scan# 950

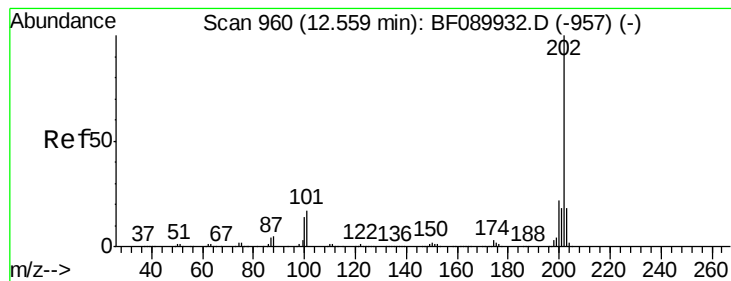
Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.4  | 13.8  | 20.8  |
| 183     | 11.7  | 9.6   | 14.4  |





#77

Pyrene

Concen: 56.82 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

ClientSampleId :

BH-16-0-1FTMSD

Tgt Ion:202 Resp: 1634286

Ion Ratio Lower Upper

202 100

200 22.2 17.6 26.4

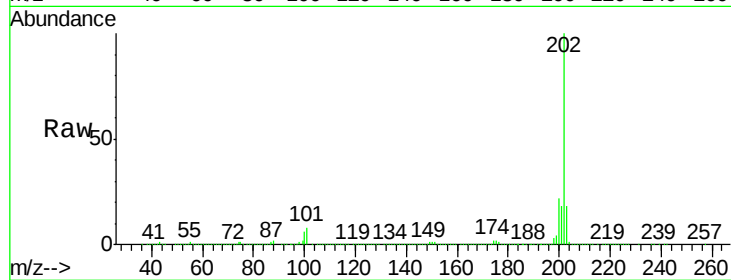
203 17.9 14.6 21.8

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Abundance Ion 202.00 (201.70 to 202.70): E

1500000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

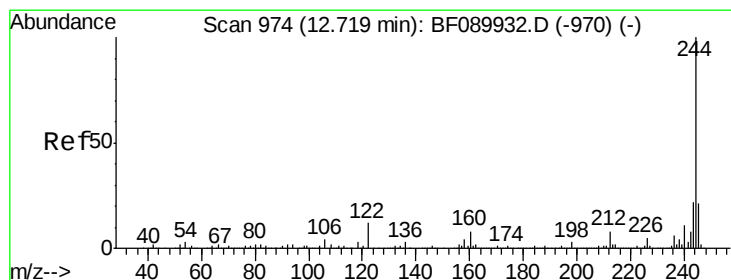
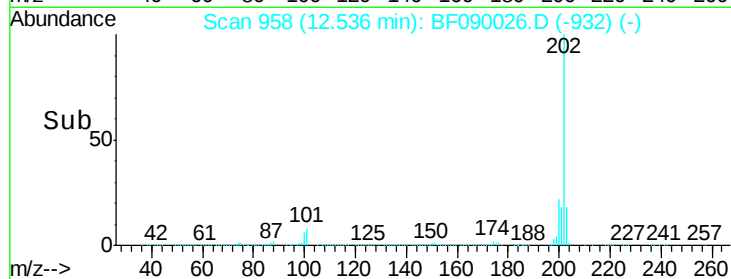
12.54

1000000

500000

0

Time-->



#78

Terphenyl-d14

Concen: 102.42 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

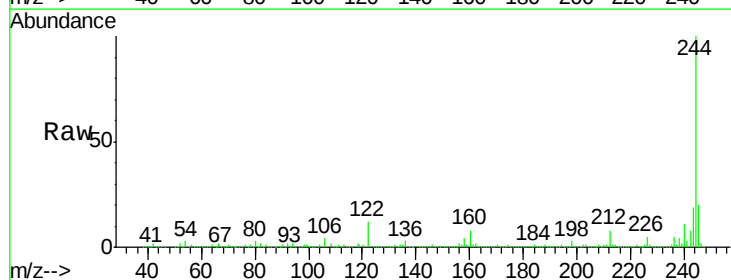
Tgt Ion:244 Resp: 1691406

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 12.2 9.6 14.4



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

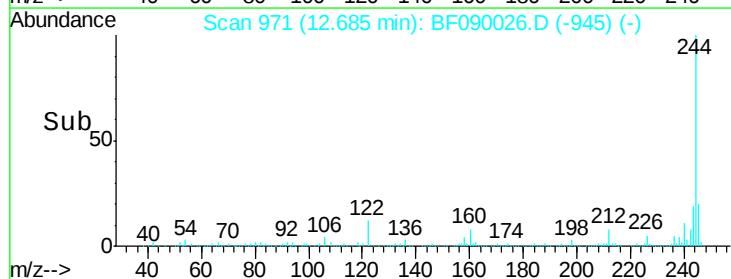
12.69

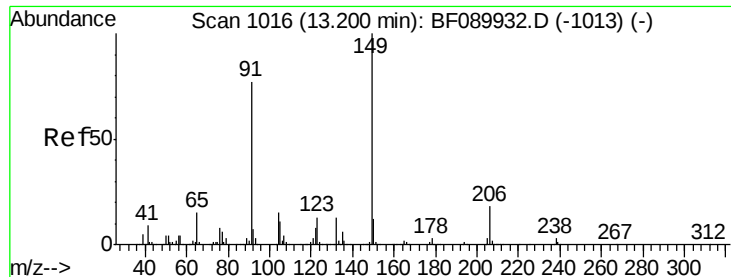
1000000

500000

0

Time-->





#79

Butylbenzylphthalate

Concen: 54.25 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

Instrument :

BNA\_F

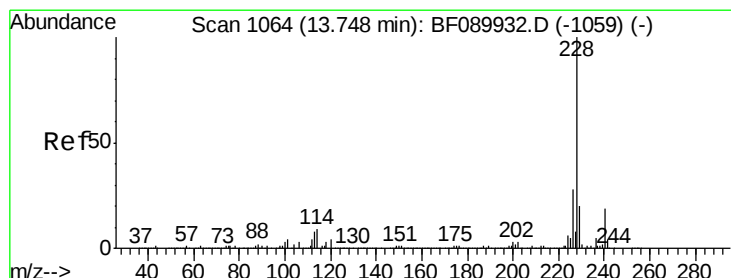
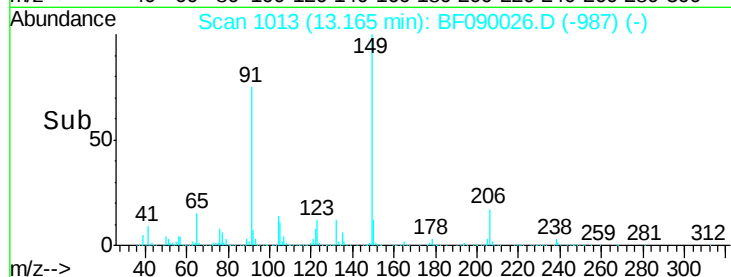
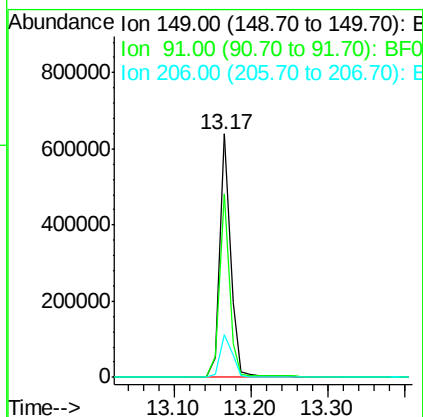
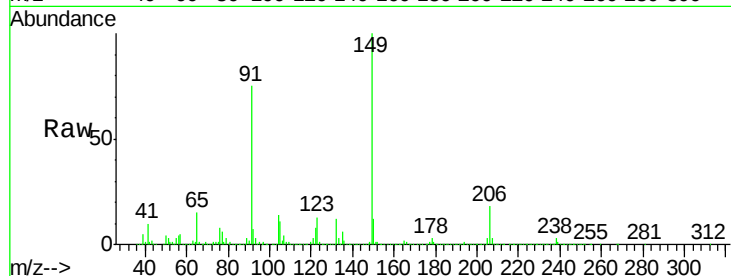
ClientSampleId :

BH-16-0-1FTMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 629322 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 75.5  | 60.0  | 90.0   |
| 206       | 17.5  | 15.1  | 22.7   |

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#80

Benzo(a)anthracene

Concen: 53.64 ng

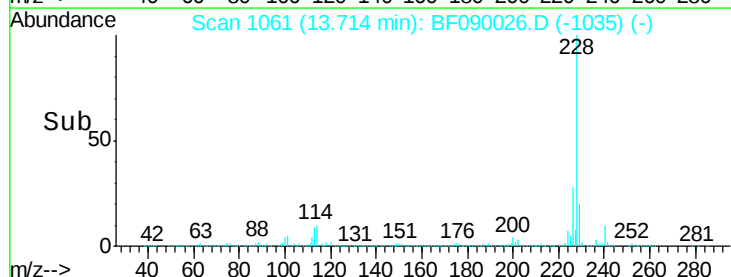
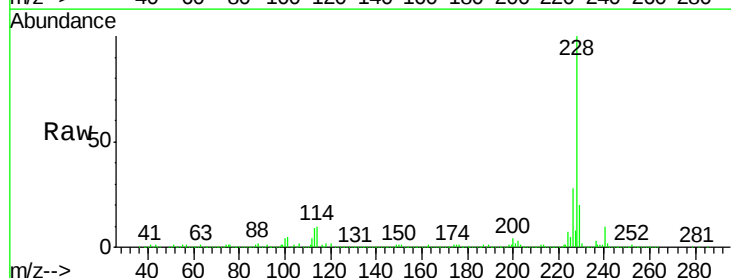
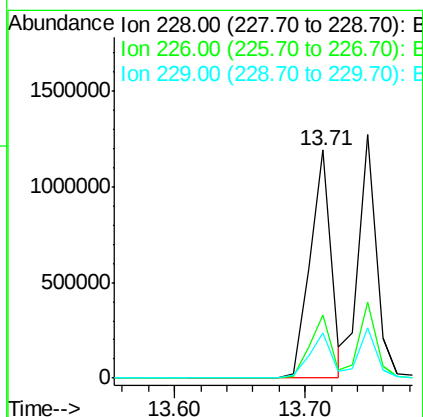
RT: 13.71 min Scan# 1061

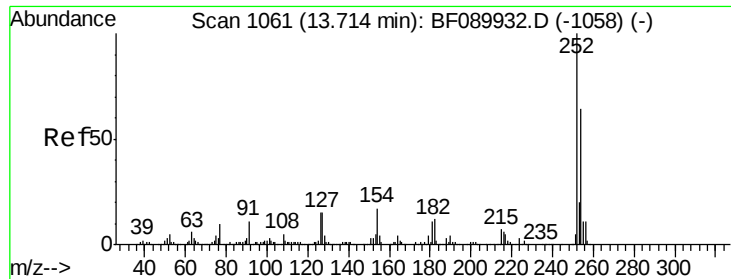
Delta R.T. 0.00 min

Lab File: BF090026.D

Acq: 8 Sep 2016 16:00

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1340319 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 27.9  | 22.2  | 33.2    |
| 229       | 20.0  | 15.8  | 23.6    |





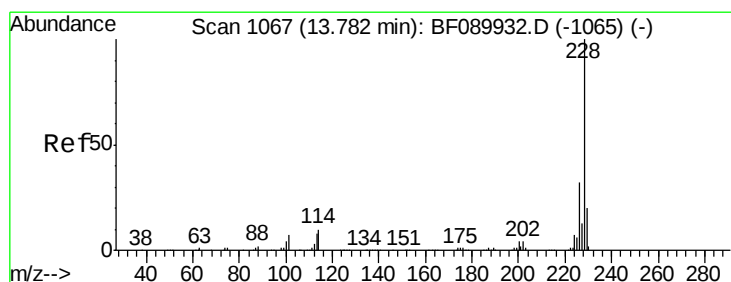
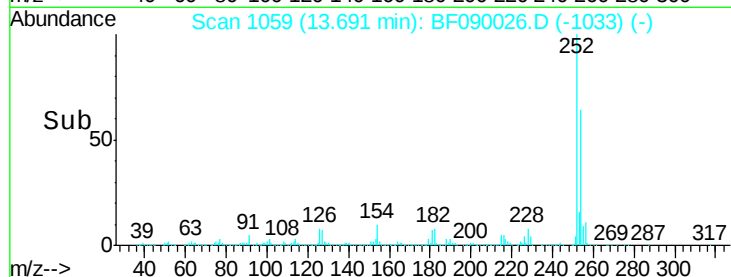
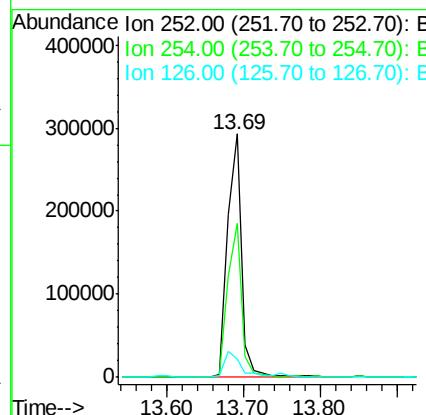
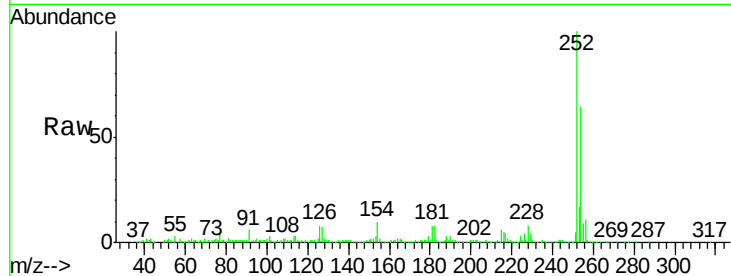
#81  
 3,3'-Dichlorobenzidine  
 Concen: 42.67 ng  
 RT: 13.69 min Scan# 1059  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 384883 |       |       |
| 254     | 63.5  | 51.3   | 76.9  |       |
| 126     | 7.8   | 12.3   | 18.5  |       |

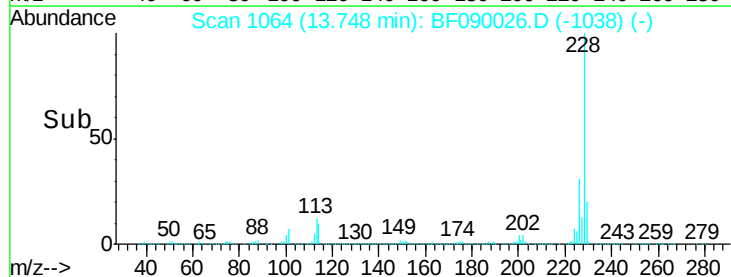
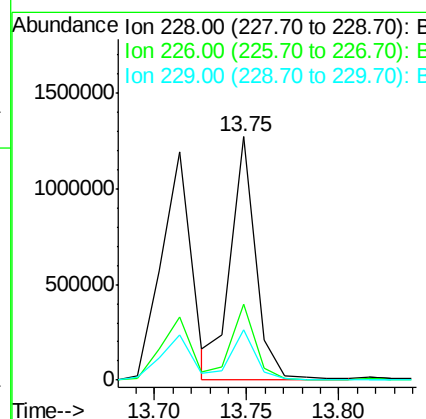
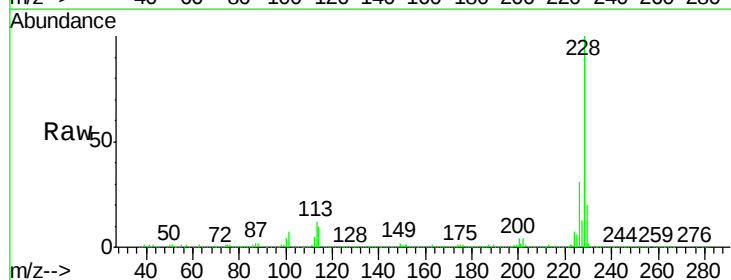
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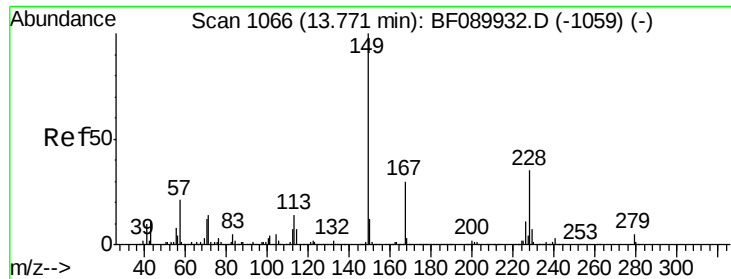
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#82  
 Chrysene  
 Concen: 51.95 ng m  
 RT: 13.75 min Scan# 1064  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1212608 |       |       |
| 226     | 31.0  | 25.2    | 37.8  |       |
| 229     | 20.4  | 16.2    | 24.2  |       |





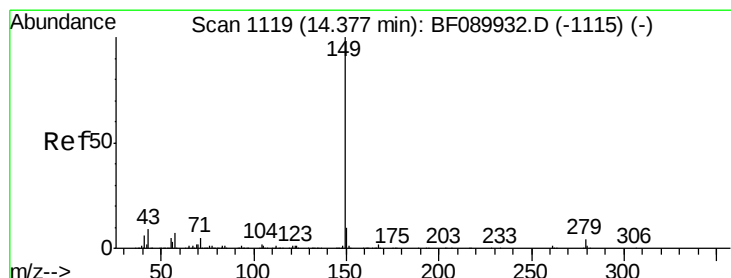
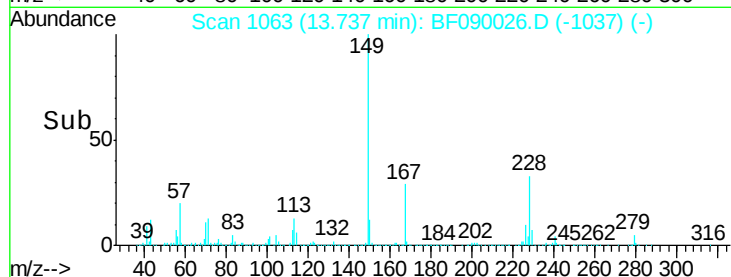
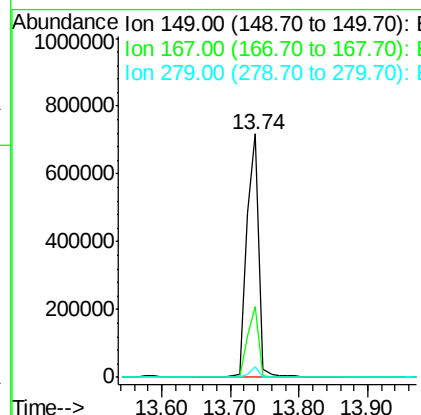
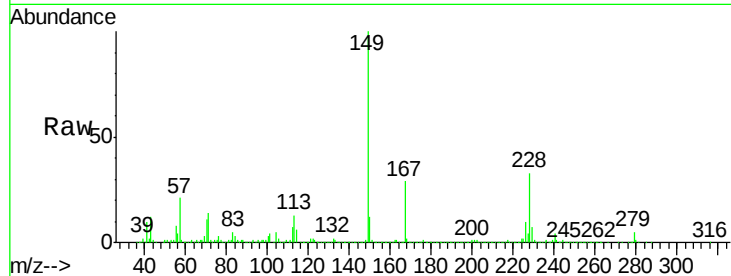
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 53.33 ng  
 RT: 13.74 min Scan# 1063  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 855554 |       |       |
| 167     | 29.1  | 23.6   | 35.4  |       |
| 279     | 4.5   | 3.4    | 5.2   |       |

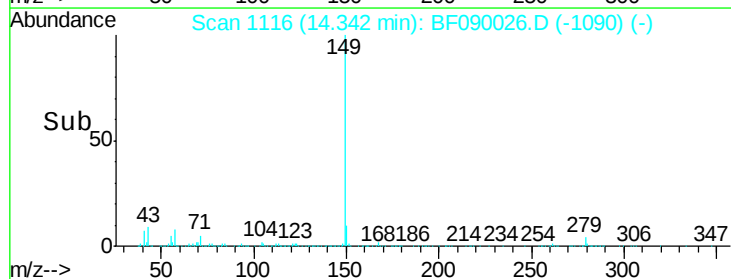
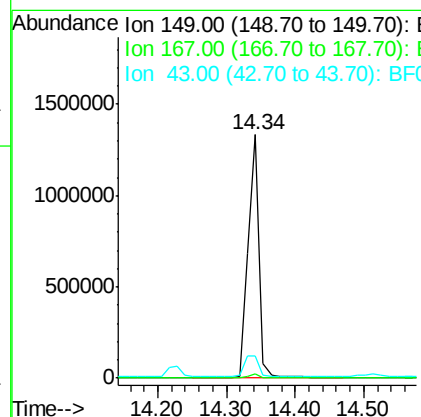
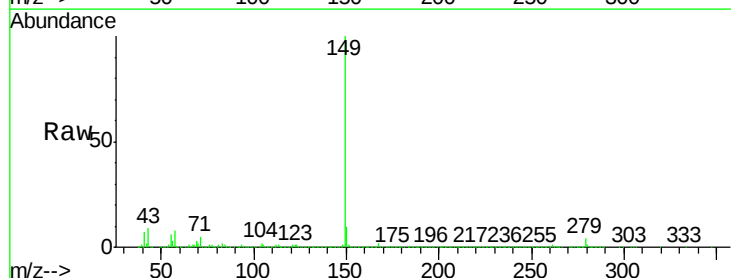
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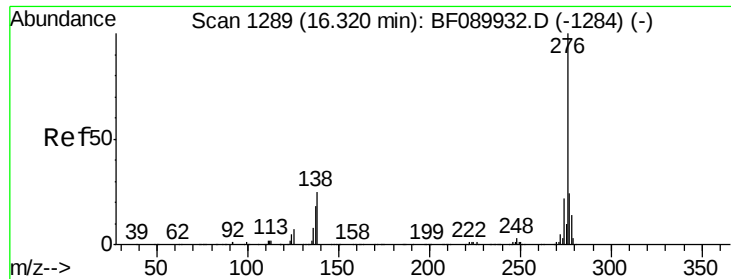
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#84  
 Di-n-octyl phthalate  
 Concen: 56.99 ng  
 RT: 14.34 min Scan# 1116  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1475922 |       |       |
| 167     | 1.6   | 1.2     | 1.8   |       |
| 43      | 11.1  | 9.3     | 13.9  |       |





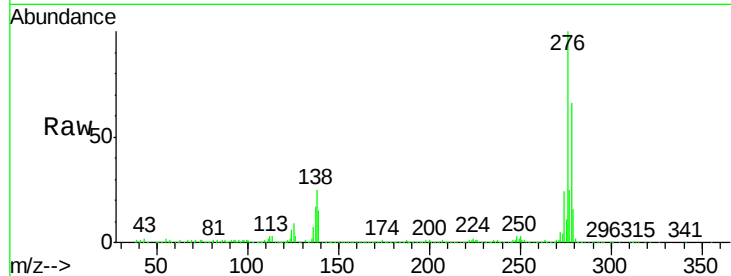
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 60.46 ng  
 RT: 16.29 min Scan# 1286  
 Delta R.T. 0.01 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

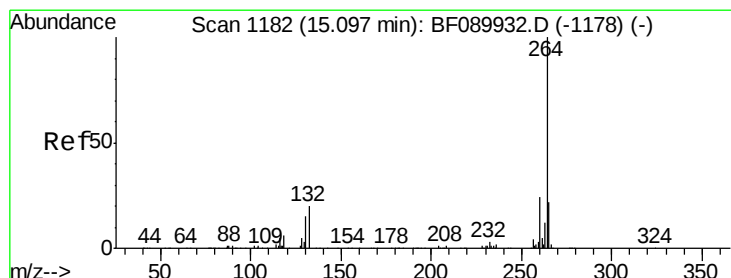
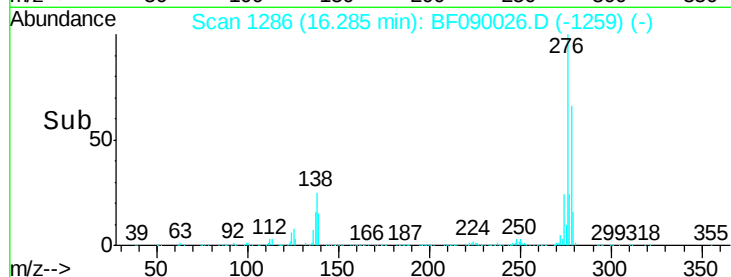
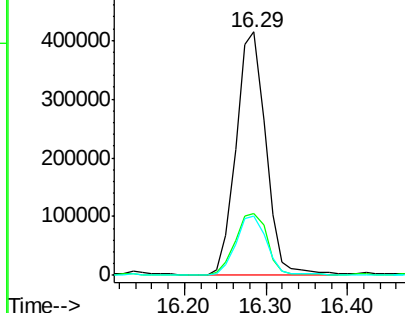
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.1  | 22.6  | 34.0  |
| 277     | 25.4  | 20.1  | 30.1  |

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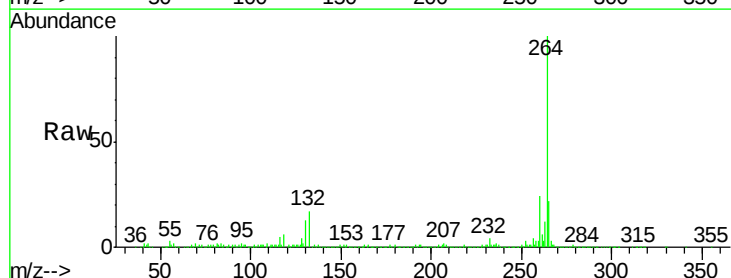


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

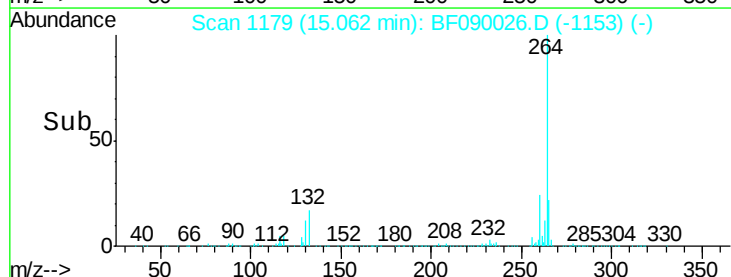
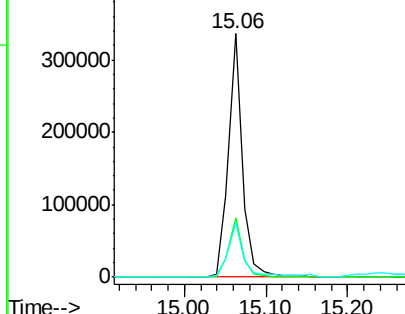


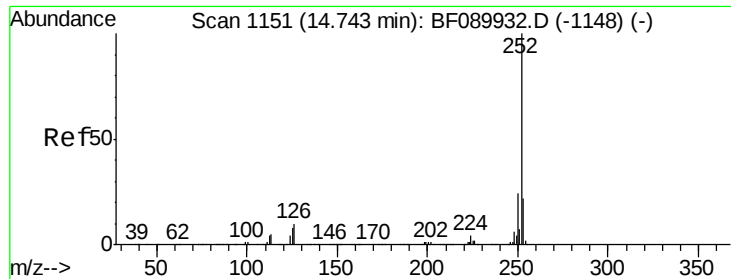
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.06 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.4  | 29.0  |
| 265     | 22.1  | 17.4  | 26.2  |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





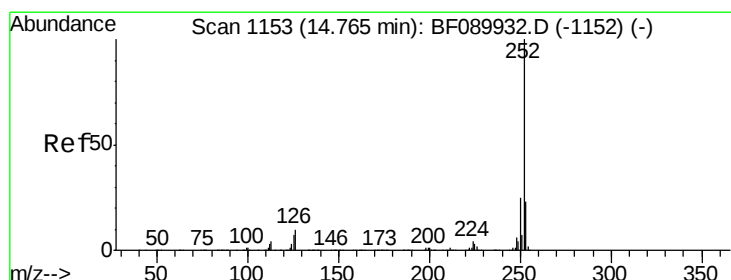
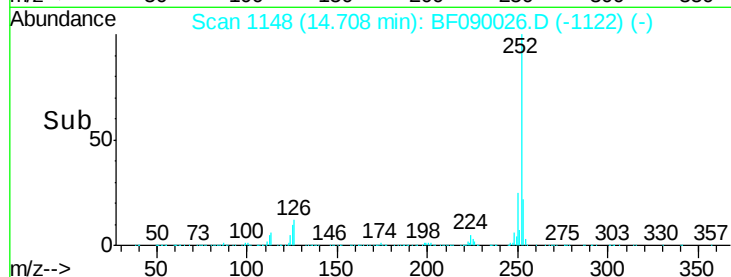
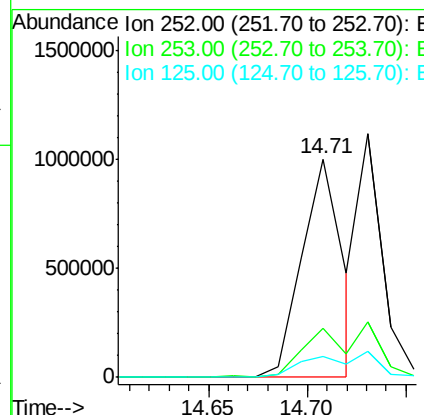
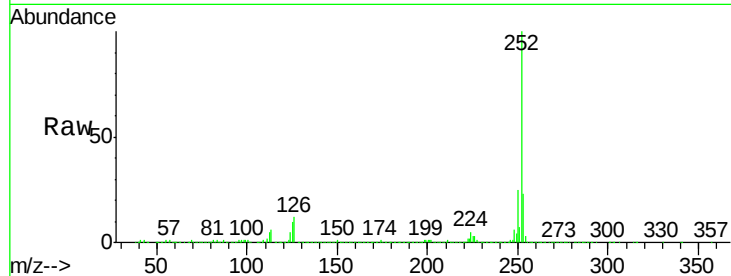
#87  
Benzo(b)fluoranthene  
Concen: 56.77 ng m  
RT: 14.71 min Scan# 1148  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

Tgt Ion: 252 Resp: 1425153  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.0 27.0  
125 9.8 5.7 8.5#

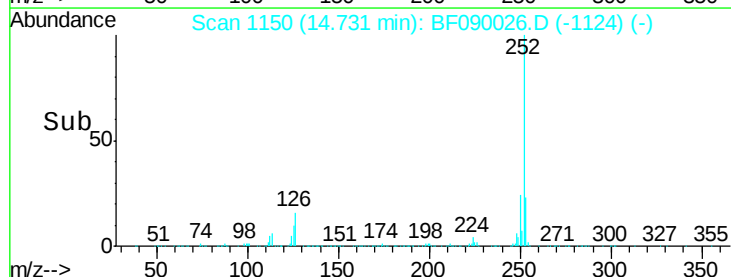
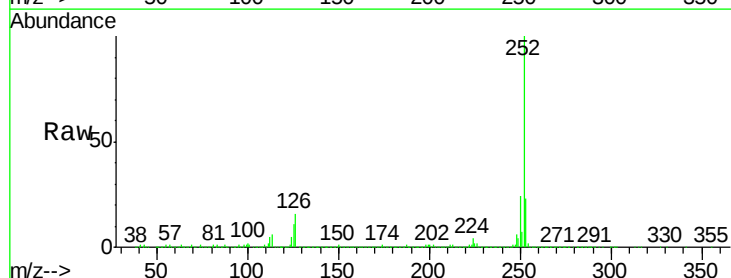
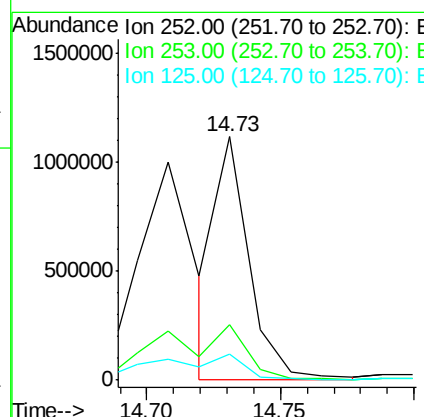
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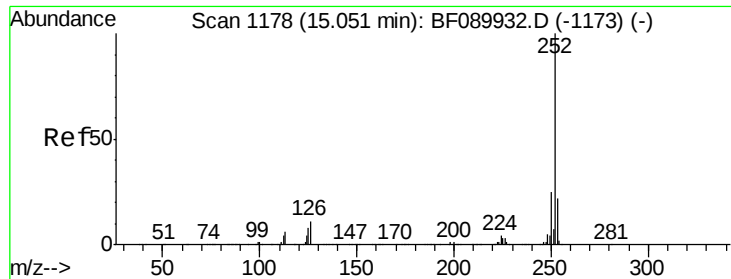
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#88  
Benzo(k)fluoranthene  
Concen: 45.58 ng m  
RT: 14.73 min Scan# 1150  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Tgt Ion: 252 Resp: 971006  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.8  
125 10.5 7.3 10.9





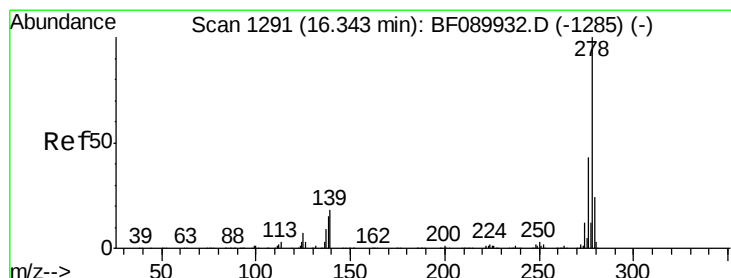
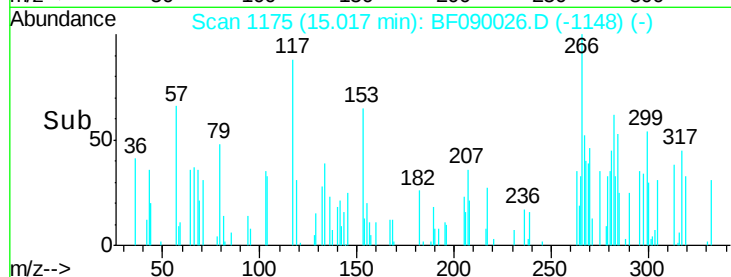
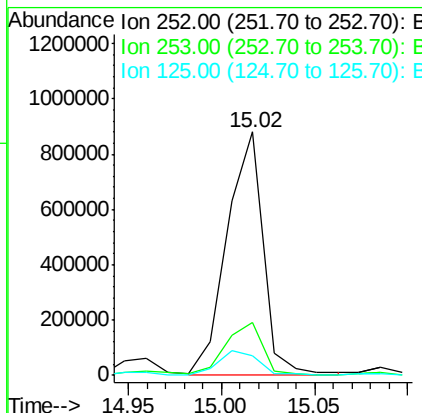
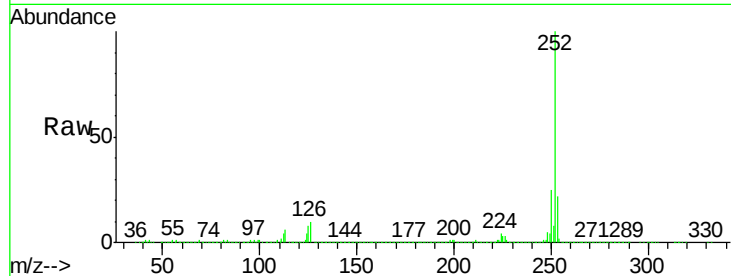
#89  
Benzo(a)pyrene  
Concen: 55.42 ng  
RT: 15.02 min Scan# 1175  
Delta R.T. 0.01 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Instrument :  
BNA\_F  
ClientSampleId :  
BH-16-0-1FTMSD

Tgt Ion: 252 Resp: 1192072  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 8.1 6.3 9.5

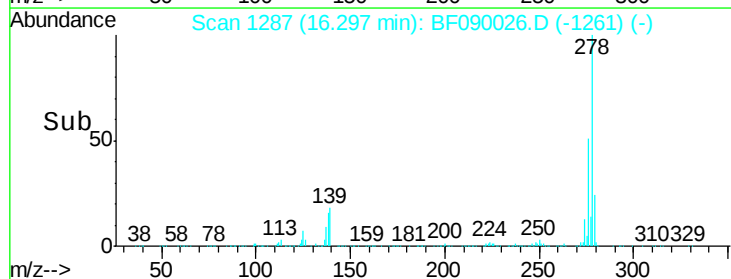
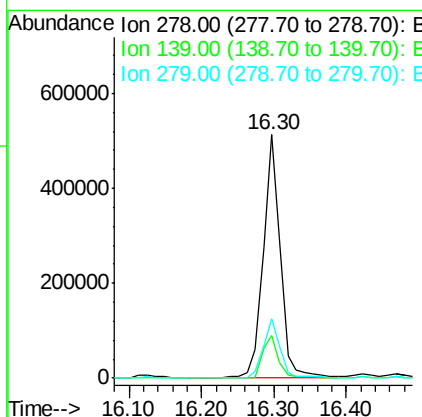
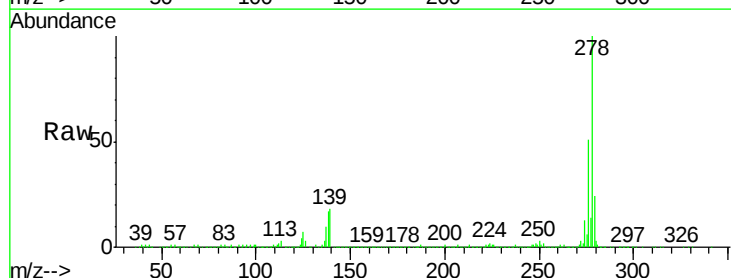
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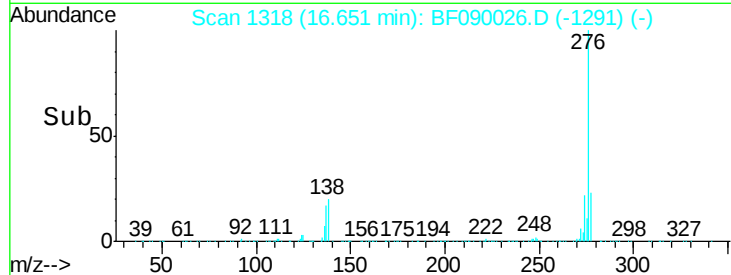
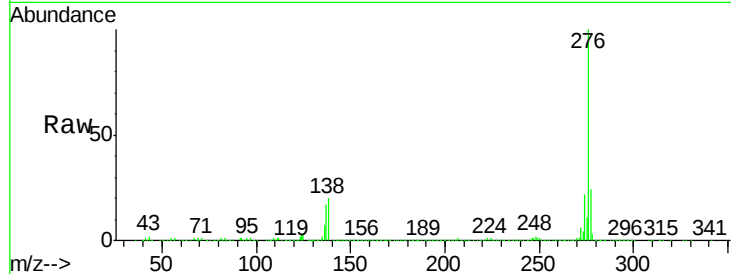
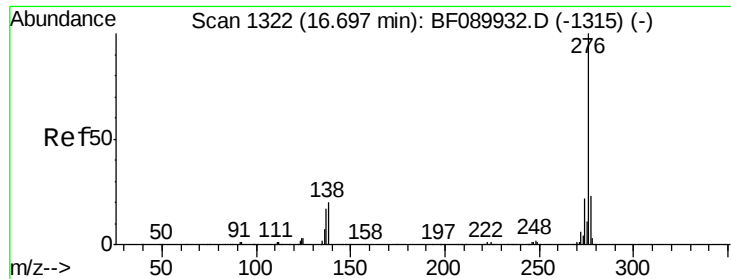
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#90  
Dibenzo(a,h)anthracene  
Concen: 54.35 ng  
RT: 16.30 min Scan# 1287  
Delta R.T. 0.00 min  
Lab File: BF090026.D  
Acq: 8 Sep 2016 16:00

Tgt Ion: 278 Resp: 856594  
Ion Ratio Lower Upper  
278 100  
139 17.8 13.4 20.2  
279 24.5 19.4 29.2





#91  
 Benzo(g,h,i)perylene  
 Concen: 55.27 ng  
 RT: 16.65 min Scan# 1318  
 Delta R.T. 0.01 min  
 Lab File: BF090026.D  
 Acq: 8 Sep 2016 16:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BH-16-0-1FTMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 19.0  | 28.4  |
| 138     | 20.4  | 16.4  | 24.6  |

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