

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\  
 Data File : BF090430.D  
 Acq On : 6 Oct 2016 20:47  
 Operator : UM/SJ  
 Sample : H5110-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations  
 APPROVED

sohil  
 10/7/2016 7:02:36 PM

Quant Time: Oct 07 00:27:52 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.00  | 152  | 227576   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.29  | 136  | 948596   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.05 | 164  | 508385   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.54 | 188  | 796435   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.19 | 240  | 601361   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.69 | 264  | 433850   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 2273875 | 149.12 | ng | 0.01  |
| 7) Phenol-d6             | 6.62  | 99  | 2949972 | 147.71 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.56  | 82  | 1816750 | 93.16  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 622876  | 150.68 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 9.37  | 172 | 2603917 | 85.34  | ng | -0.01 |
| 78) Terphenyl-d14        | 13.13 | 244 | 2662610 | 99.54  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.75 | 88  | 299952  | 39.90 | ng | # 90   |
| 3) Pyridine                    | 3.53 | 79  | 901770  | 43.02 | ng | # 80   |
| 4) n-Nitrosodimethylamine      | 3.47 | 42  | 397052  | 45.91 | ng | # 53   |
| 6) Aniline                     | 6.66 | 93  | 1070608 | 38.81 | ng | 99     |
| 8) 2-Chlorophenol              | 6.78 | 128 | 798754  | 47.60 | ng | 97     |
| 9) Benzaldehyde                | 6.54 | 77  | 347984  | 34.47 | ng | 97     |
| 10) Phenol                     | 6.65 | 94  | 1152380 | 49.63 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.74 | 93  | 889155  | 50.01 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 834584  | 49.89 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.01 | 146 | 778989  | 45.85 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.17 | 146 | 849407  | 51.89 | ng | 99     |
| 15) Benzyl Alcohol             | 7.14 | 79  | 791930  | 52.16 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.27 | 45  | 1226167 | 40.67 | ng | 92     |
| 17) 2-Methylphenol             | 7.25 | 107 | 735473  | 53.29 | ng | 98     |
| 18) Hexachloroethane           | 7.51 | 117 | 327091  | 48.84 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70  | 654622  | 44.70 | ng | # 82   |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 844689  | 47.29 | ng | 91     |
| 22) Acetophenone               | 7.41 | 105 | 1168116 | 51.99 | ng | # 89   |
| 24) Nitrobenzene               | 7.58 | 77  | 1054781 | 54.48 | ng | 96     |
| 25) Isophorone                 | 7.82 | 82  | 1737696 | 48.74 | ng | 99     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 454886  | 54.59 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.94 | 122 | 834154  | 51.47 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.03 | 93  | 1003495 | 47.59 | ng | # 96   |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 685401  | 55.63 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.22 | 180 | 638847  | 50.31 | ng | 99     |
| 31) Naphthalene                | 8.30 | 128 | 2259424 | 49.37 | ng | 99     |
| 32) Benzoic acid               | 8.02 | 122 | 175708  | 15.60 | ng | 95     |
| 33) 4-Chloroaniline            | 8.35 | 127 | 585355  | 30.94 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.43 | 225 | 379123  | 53.44 | ng | 99     |
| 35) Caprolactam                | 8.73 | 113 | 224872m | 54.29 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.84 | 107 | 820359  | 53.18 | ng | 94     |
| 37) 2-Methylnaphthalene        | 9.00 | 142 | 1405884 | 50.75 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.17 | 216 | 701225  | 52.32 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.16 | 237 | 653107  | 88.89 | ng | 99     |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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 BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations  
 APPROVED

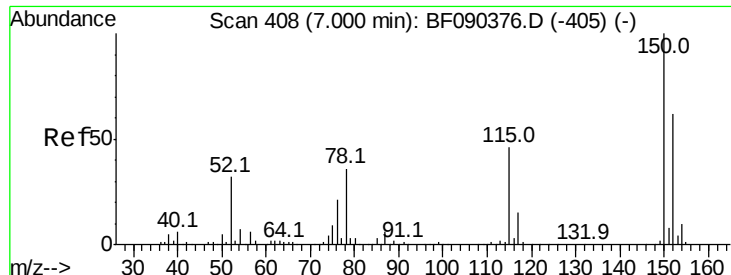
sohil  
 10/7/2016 7:02:36 PM

Quant Time: Oct 07 00:27:52 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 05 14:57:00 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.27  | 196  | 440884   | 47.67  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 454348   | 51.95  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.47  | 154  | 1851215  | 49.14  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.49  | 162  | 1339853  | 48.14  | nq    | 99       |
| 47) 2-Nitroaniline             | 9.58  | 65   | 518092   | 47.17  | nq    | 94       |
| 48) Acenaphthylene             | 9.91  | 152  | 2242740  | 48.83  | nq    | 99       |
| 49) Dimethylphthalate          | 9.78  | 163  | 3202244  | 98.35  | nq    | # 99     |
| 50) 2,6-Dinitrotoluene         | 9.83  | 165  | 387150   | 53.56  | nq    | # 59     |
| 51) Acenaphthene               | 10.09 | 154  | 1512385  | 52.81  | nq    | 99       |
| 52) 3-Nitroaniline             | 9.99  | 138  | 292591   | 34.65  | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 10.10 | 184  | 220842   | 68.52  | nq    | # 71     |
| 54) Dibenzofuran               | 10.26 | 168  | 2024441  | 54.62  | nq    | 95       |
| 55) 4-Nitrophenol              | 10.15 | 139  | 660737   | 89.43  | nq    | 98       |
| 56) 2,4-Dinitrotoluene         | 10.23 | 165  | 550775   | 57.25  | nq    | # 55     |
| 57) Fluorene                   | 10.60 | 166  | 1605329  | 51.54  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.37 | 232  | 404361   | 61.91  | nq    | # 87     |
| 59) Diethylphthalate           | 10.47 | 149  | 1737762  | 51.58  | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.59 | 204  | 727868   | 51.39  | nq    | 97       |
| 61) 4-Nitroaniline             | 10.61 | 138  | 364651   | 42.86  | nq    | 94       |
| 62) Azobenzene                 | 10.75 | 77   | 1947419  | 50.05  | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.65 | 198  | 182799   | 35.59  | nq    | # 41     |
| 65) n-Nitrosodiphenylamine     | 10.71 | 169  | 1380826  | 51.74  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.08 | 248  | 420631   | 53.88  | nq    | 93       |
| 67) Hexachlorobenzene          | 11.15 | 284  | 448139   | 51.54  | nq    | # 89     |
| 68) Atrazine                   | 11.24 | 200  | 464010   | 70.51  | nq    | 96       |
| 69) Pentachlorophenol          | 11.34 | 266  | 584263   | 112.90 | nq    | 100      |
| 70) Phenanthrene               | 11.56 | 178  | 2066784  | 50.68  | nq    | 98       |
| 71) Anthracene                 | 11.62 | 178  | 2304770  | 55.34  | nq    | 100      |
| 72) Carbazole                  | 11.77 | 167  | 1873292  | 48.41  | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.10 | 149  | 2335632  | 49.60  | nq    | 99       |
| 74) Fluoranthene               | 12.76 | 202  | 2210865  | 55.27  | nq    | 92       |
| 76) Benzidine                  | 12.87 | 184  | 1061018  | 67.10  | nq    | 100      |
| 77) Pyrene                     | 12.99 | 202  | 2240814  | 55.88  | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.61 | 149  | 1137657  | 55.29  | nq    | 93       |
| 80) Benzo(a)anthracene         | 14.18 | 228  | 1661498  | 49.24  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.14 | 252  | 514147   | 42.03  | nq    | # 98     |
| 82) Chrysene                   | 14.21 | 228  | 1299647  | 41.85  | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.17 | 149  | 1476685  | 50.49  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.78 | 149  | 2100949  | 48.46  | nq    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.21 | 276  | 1441218  | 65.10  | nq    | 94       |
| 87) Benzo(b)fluoranthene       | 15.25 | 252  | 1427917  | 51.67  | nq    | # 98     |
| 88) Benzo(k)fluoranthene       | 15.28 | 252  | 1206240m | 46.47  | nq    |          |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 1268673  | 53.26  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.23 | 278  | 1231905  | 60.79  | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 17.68 | 276  | 1147058  | 58.98  | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:152 Resp: 227576

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

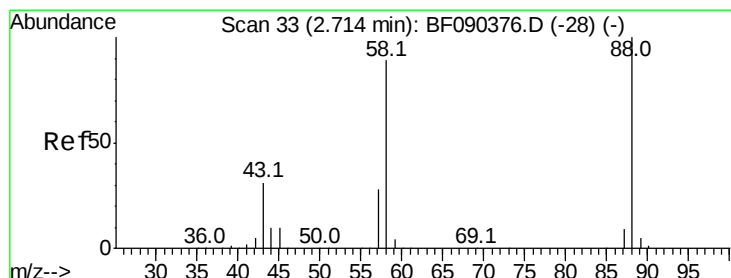
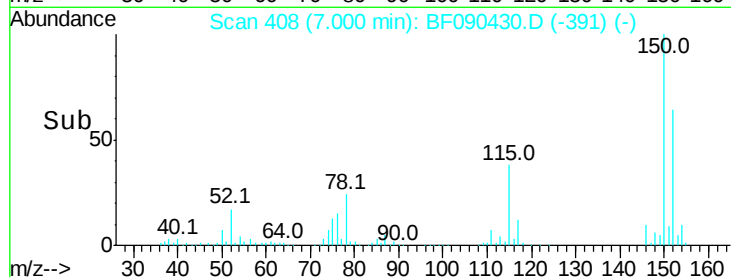
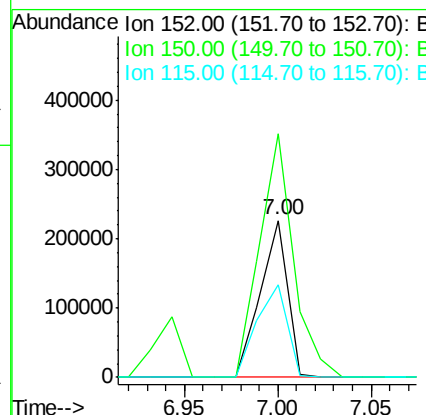
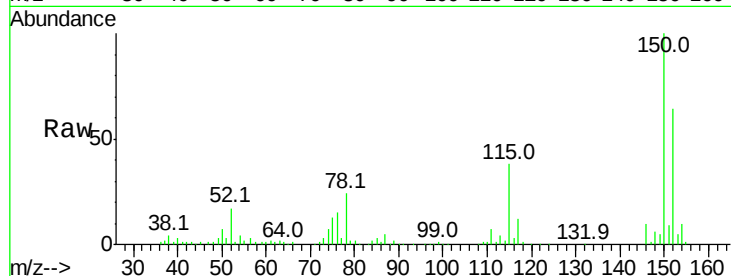
115 58.9 46.2 69.4

Manual Integrations

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#2

1,4-Dioxane

Concen: 39.90 ng

RT: 2.75 min Scan# 36

Delta R.T. 0.03 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

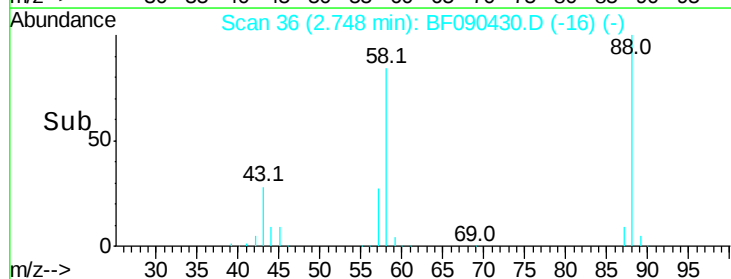
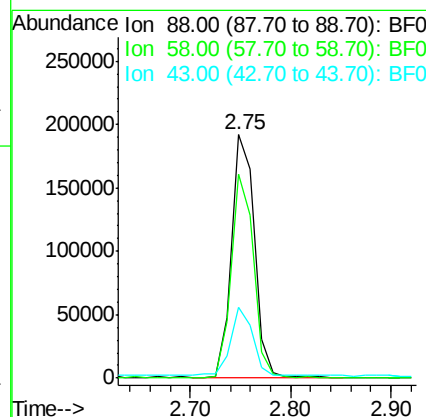
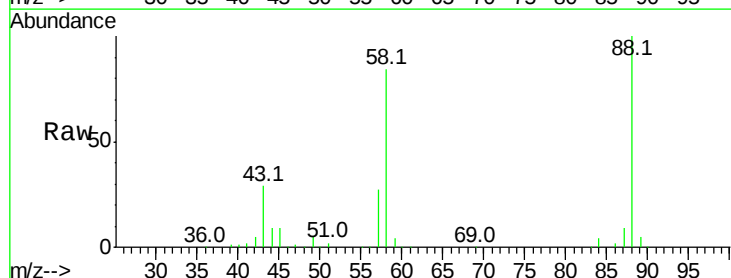
Tgt Ion: 88 Resp: 299952

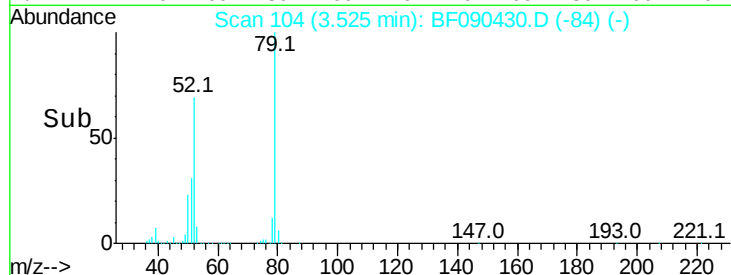
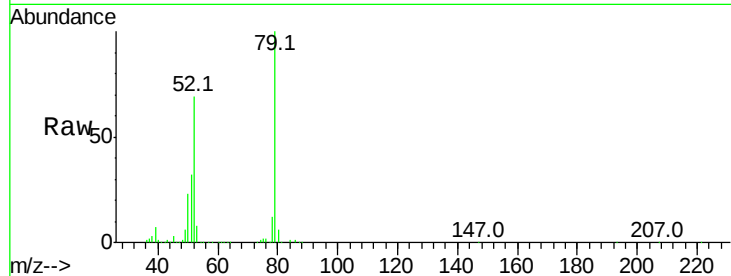
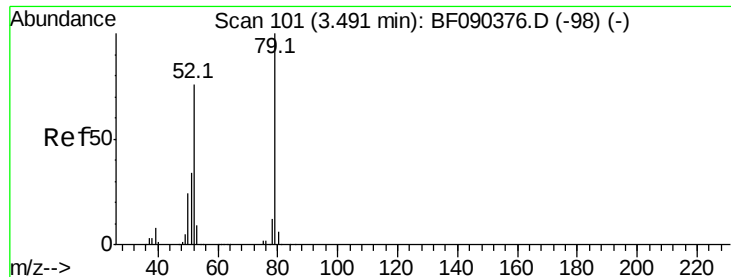
Ion Ratio Lower Upper

88 100

58 81.9 71.2 106.8

43 28.2 29.8 44.6#





#3

Pvridine

Concen: 43.02 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF090430.D

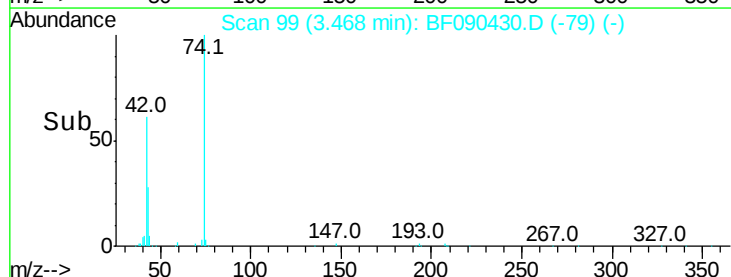
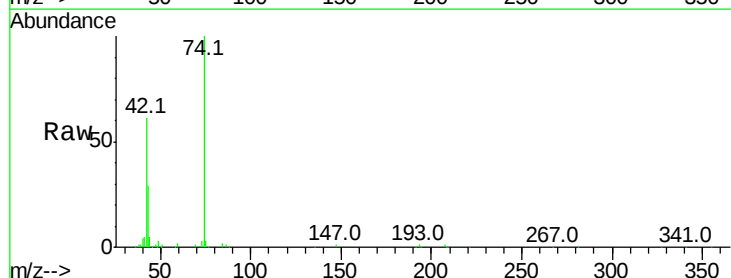
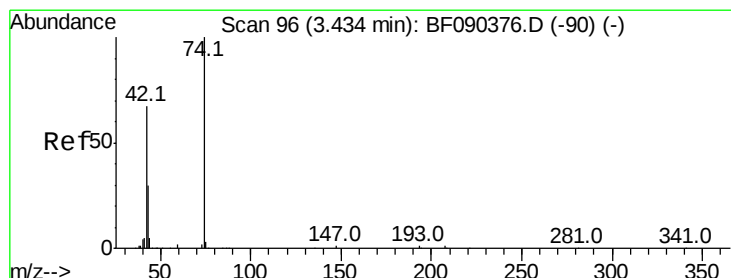
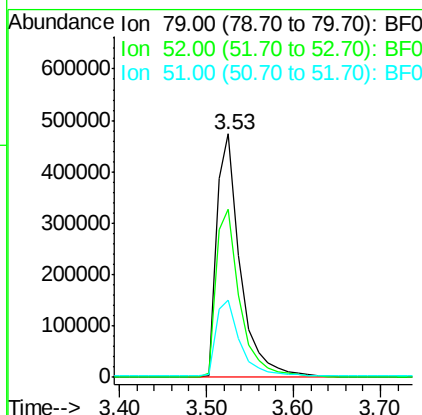
Acq: 6 Oct 2016 20:47

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 79      | 100   |      |        |       |
| 52      | 69.0  | 71.3 | 106.9# |       |
| 51      | 31.7  | 34.5 | 51.7#  |       |

Instrument :  
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Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 45.91 ng

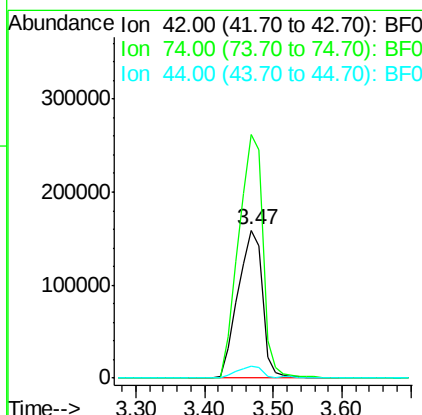
RT: 3.47 min Scan# 99

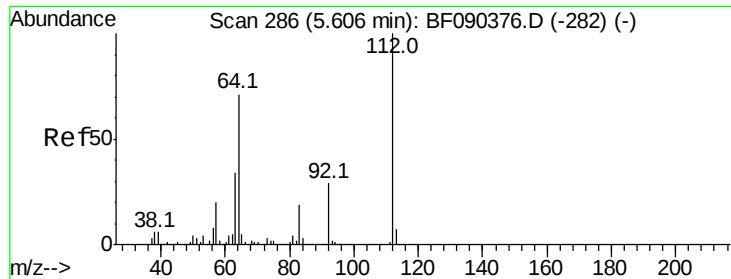
Delta R.T. 0.03 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 42      | 100   |      |        |       |
| 74      | 164.7 | 88.9 | 133.3# |       |
| 44      | 8.0   | 6.5  | 9.7    |       |





#5

2-Fluorophenol

Concen: 149.12 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:112 Resp: 2273875

Ion Ratio Lower Upper

112 100

64 54.0 57.9 86.9#

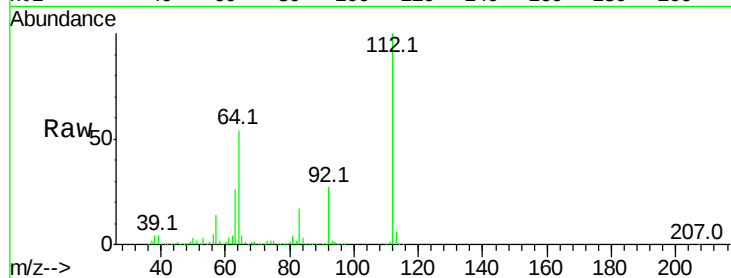
63 25.9 29.6 44.4#

Manual Integrations

APPROVED

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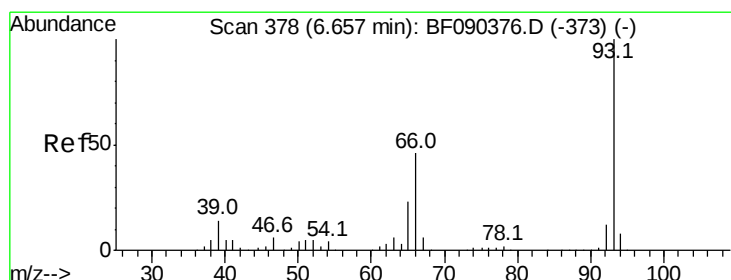
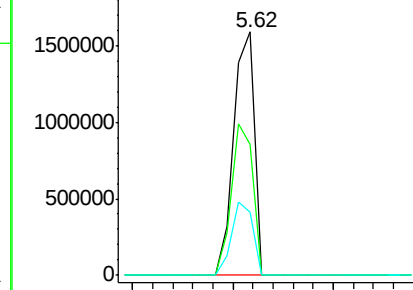
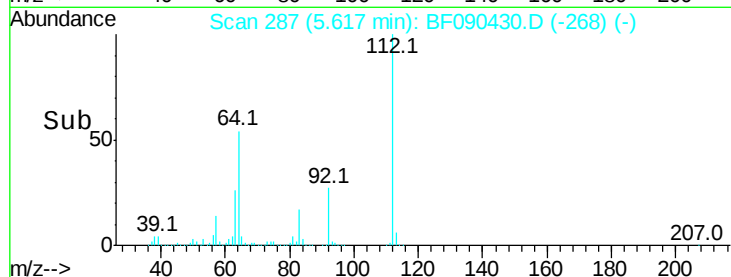
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.81 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

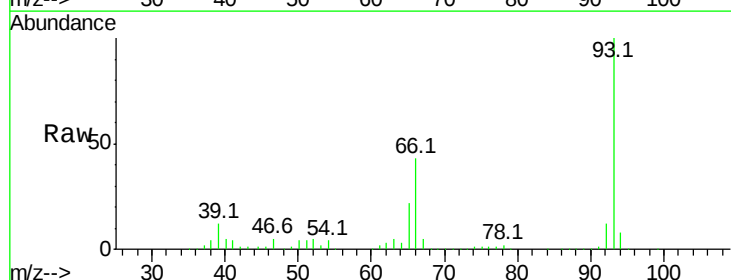
Tgt Ion: 93 Resp: 1070608

Ion Ratio Lower Upper

93 100

66 43.4 34.5 51.7

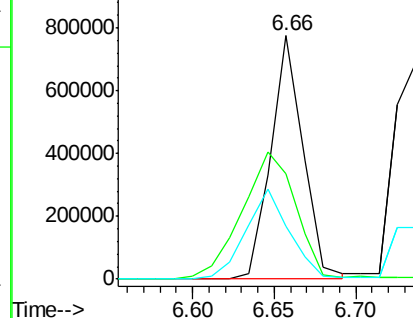
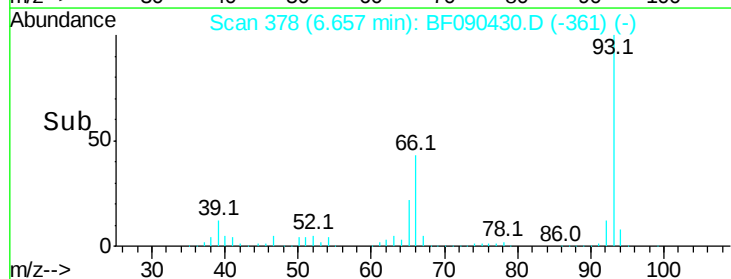
65 21.8 18.2 27.2

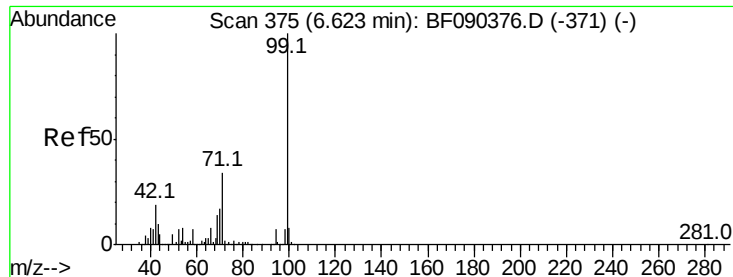


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.71 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 99 Resp: 2949972

Ion Ratio Lower Upper

99 100

42 16.9 20.0 30.0#

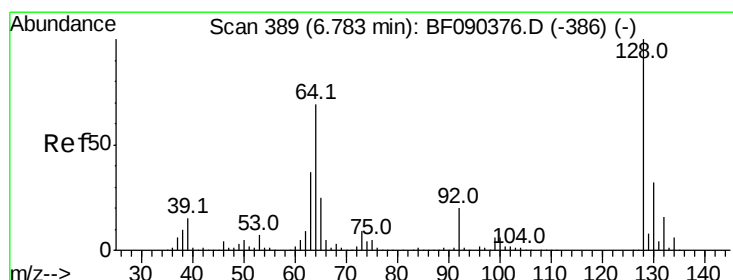
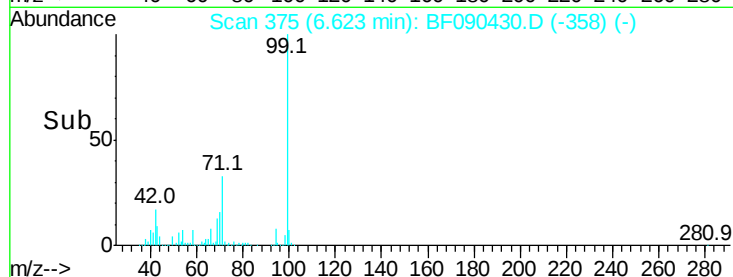
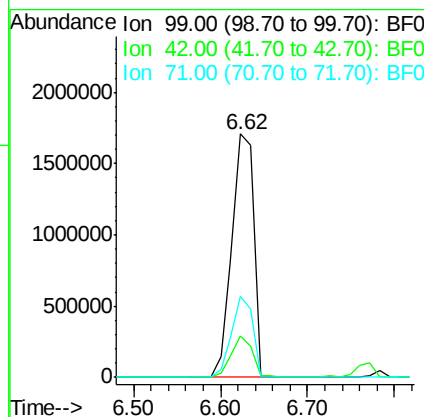
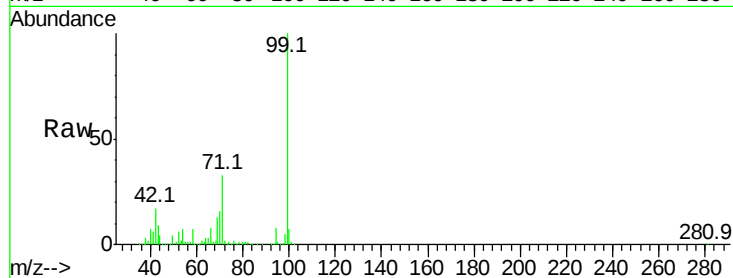
71 33.2 27.9 41.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.60 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

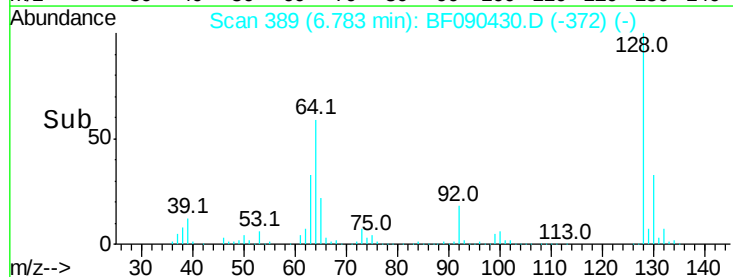
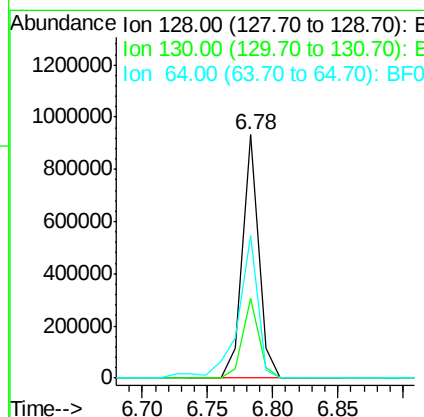
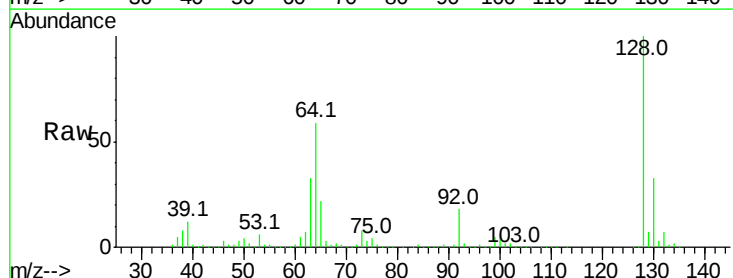
Tgt Ion: 128 Resp: 798754

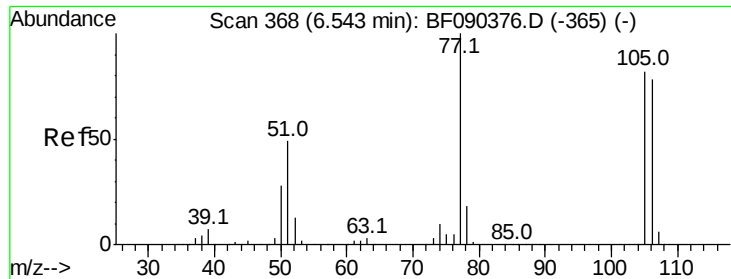
Ion Ratio Lower Upper

128 100

130 32.6 13.3 53.3

64 58.7 36.0 76.0





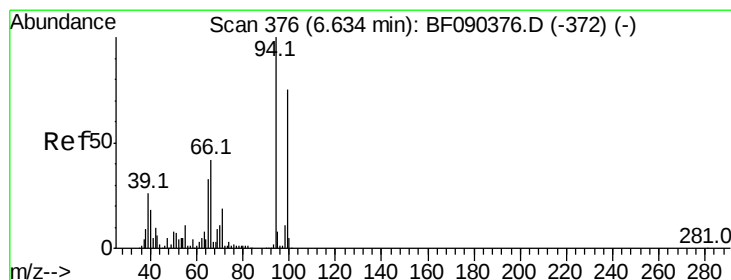
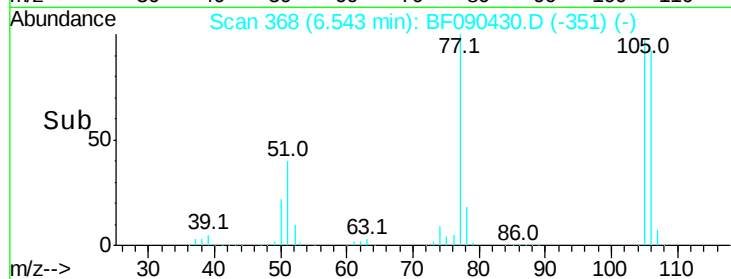
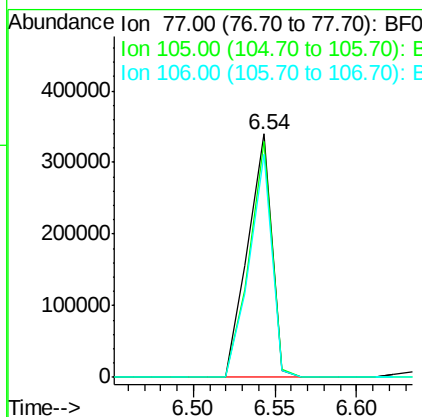
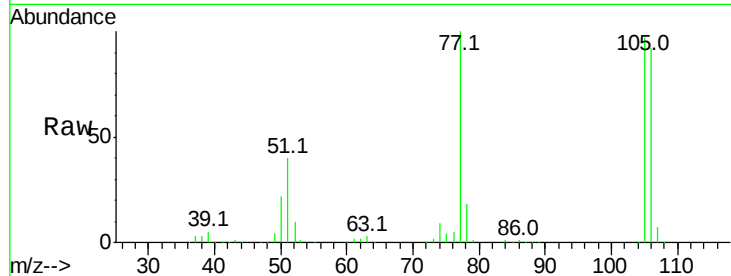
#9  
Benzaldehyde  
Concen: 34.47 ng  
RT: 6.54 min Scan# 368  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 96.8  | 73.1  | 113.1 |
| 106     | 91.8  | 70.2  | 110.2 |

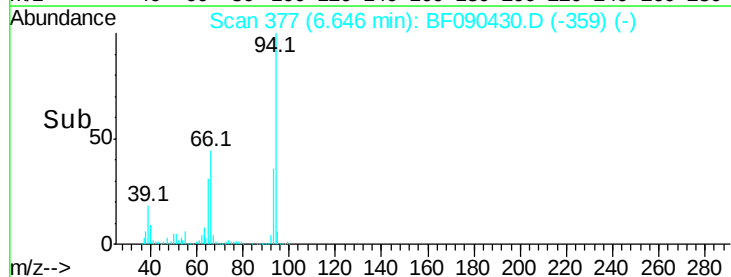
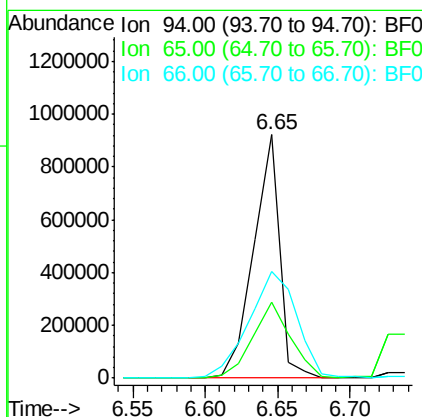
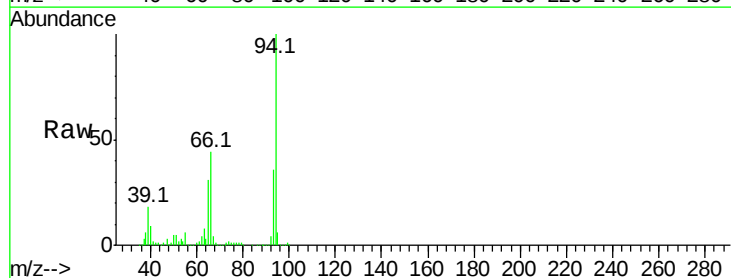
Manual Integrations  
APPROVED

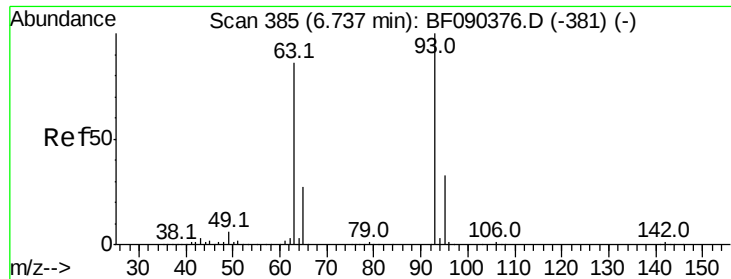
sohil  
10/7/2016 7:02:36 PM



#10  
Phenol  
Concen: 49.63 ng  
RT: 6.65 min Scan# 377  
Delta R.T. 0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.0  | 13.3  | 53.3  |
| 66      | 43.9  | 20.4  | 60.4  |





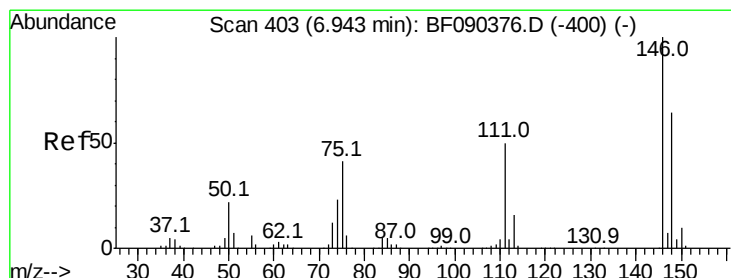
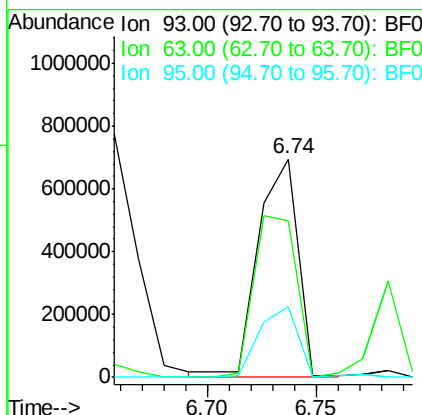
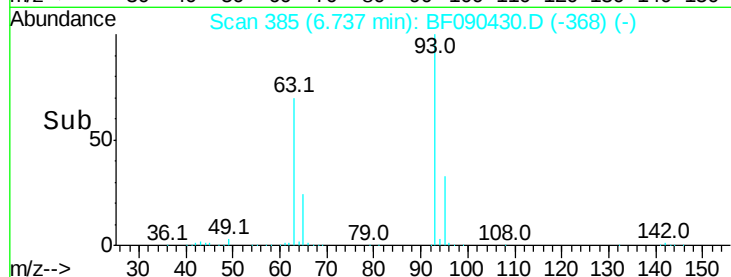
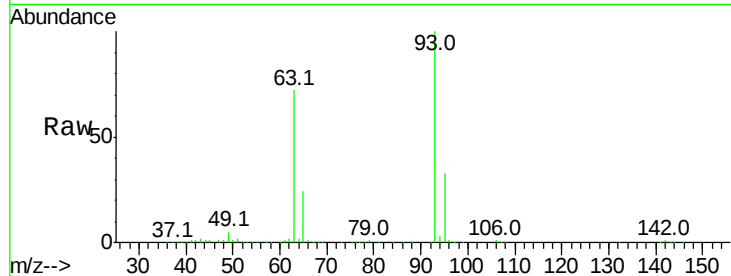
#11  
bis(2-Chloroethyl)ether  
Concen: 50.01 ng  
RT: 6.74 min Scan# 385  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 71.6  | 59.7  | 99.7  |
| 95      | 32.7  | 14.0  | 54.0  |

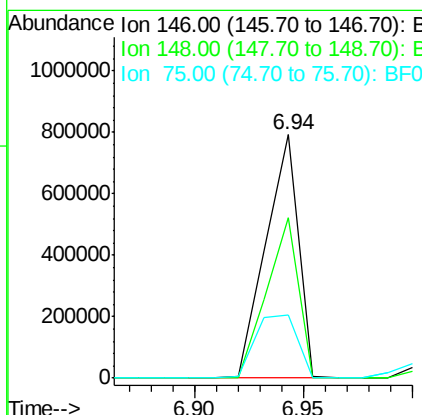
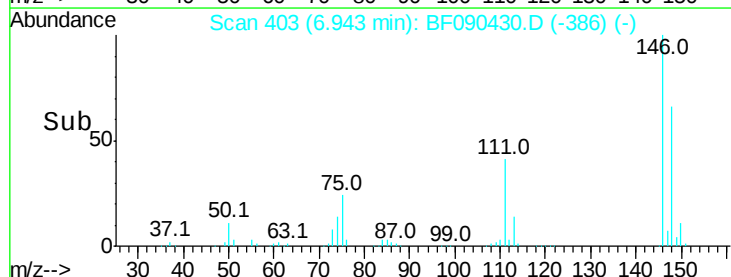
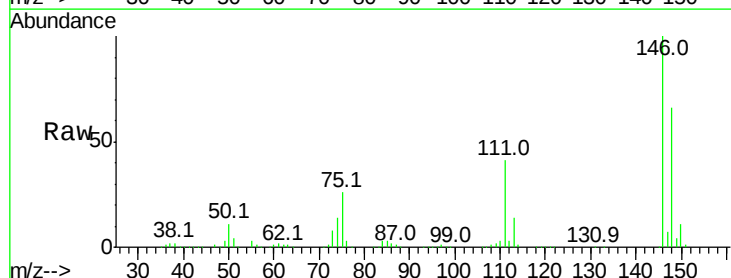
Manual Integrations  
APPROVED

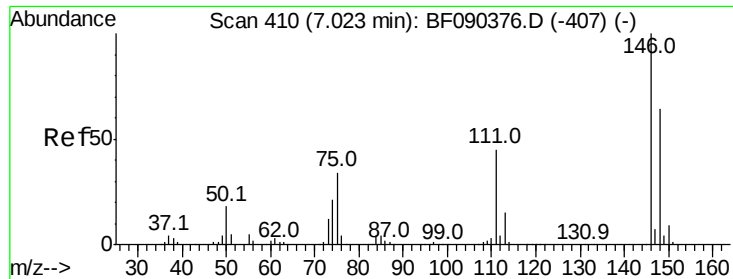
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#12  
1,3-Dichlorobenzene  
Concen: 49.89 ng  
RT: 6.94 min Scan# 403  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 52.2  | 78.4  |
| 75      | 25.9  | 21.4  | 32.2  |





#13

1,4-Dichlorobenzene

Concen: 45.85 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

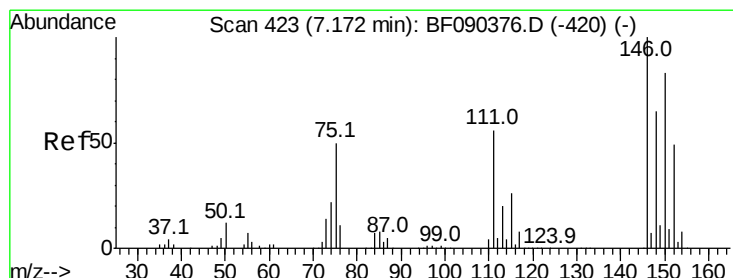
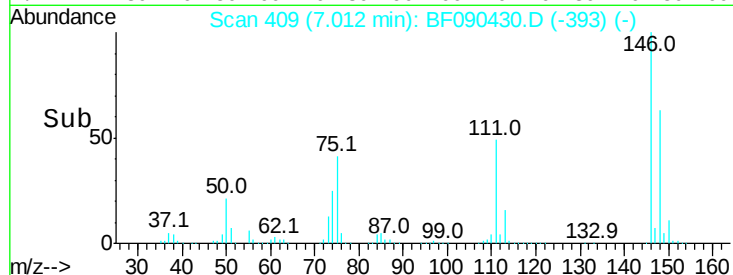
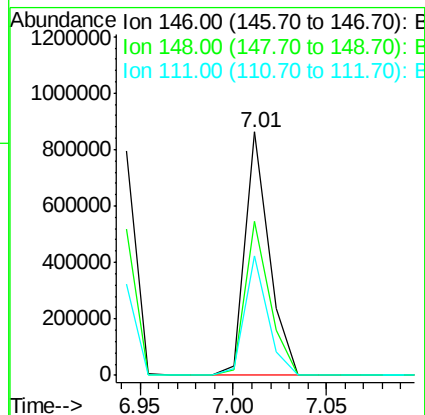
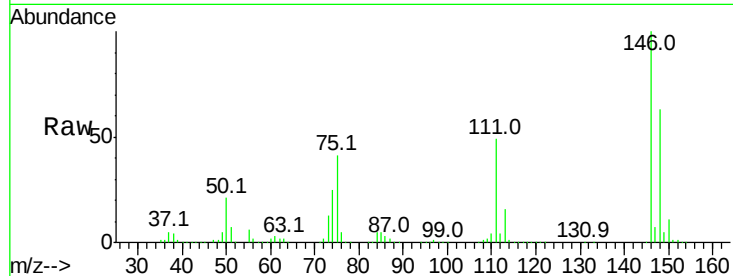
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 778989 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 51.1  | 76.7   |
| 111       | 49.3  | 37.8  | 56.6   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 51.89 ng

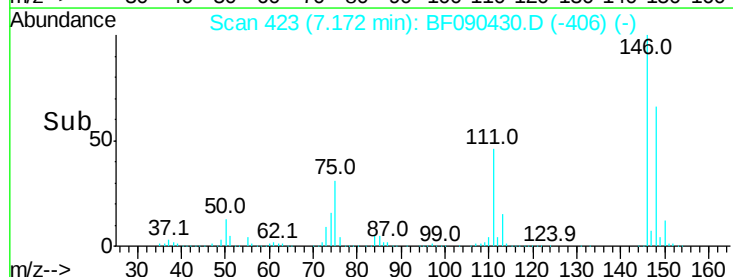
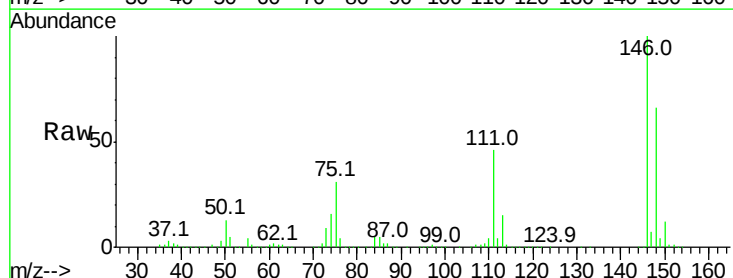
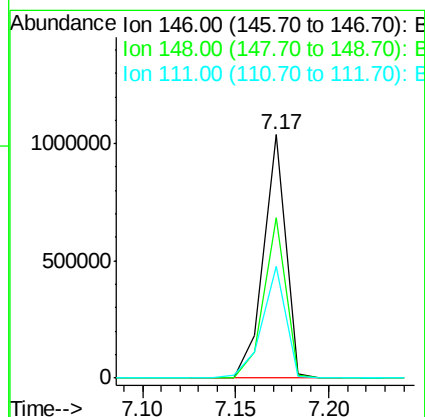
RT: 7.17 min Scan# 423

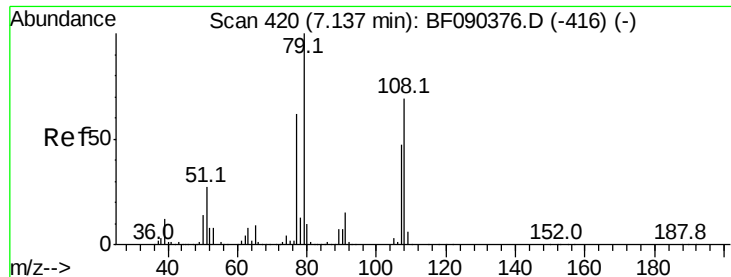
Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 849407 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.8  | 52.3  | 78.5   |
| 111       | 45.9  | 38.2  | 57.4   |





#15

Benzyl Alcohol

Concen: 52.16 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

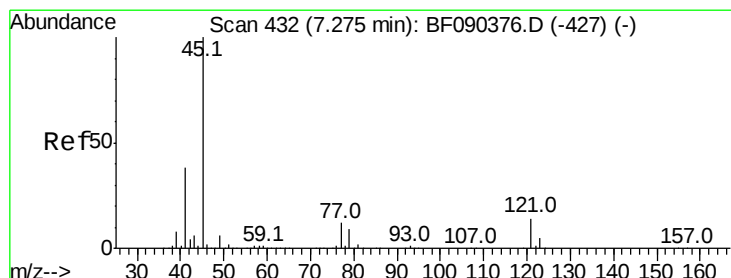
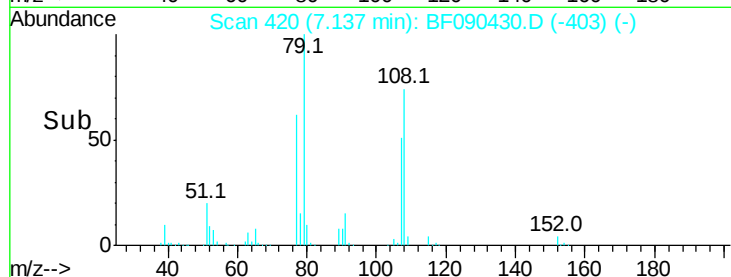
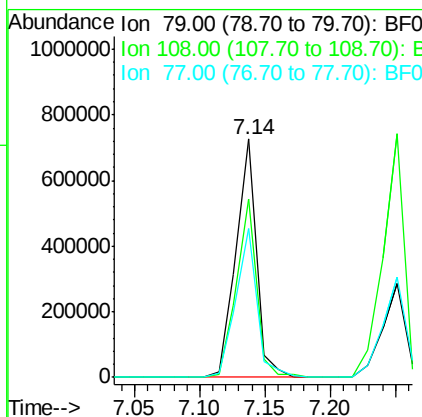
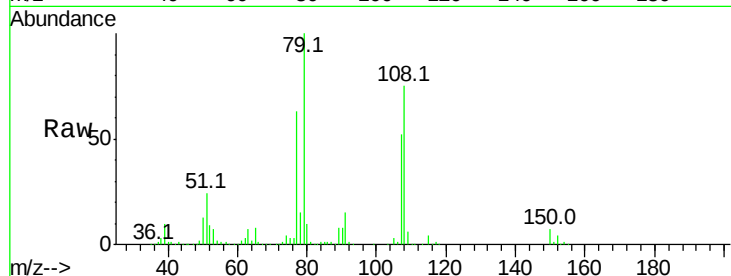
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 791930 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 74.9  | 60.9  | 91.3   |
| 77        | 62.5  | 51.5  | 77.3   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.67 ng

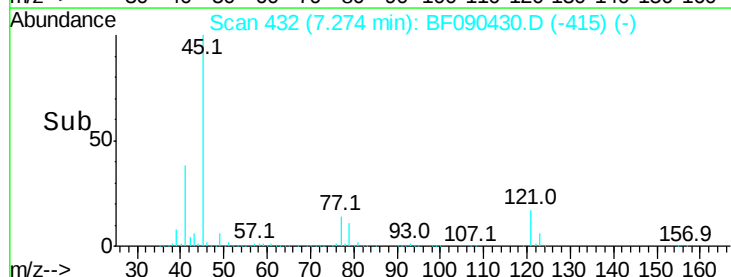
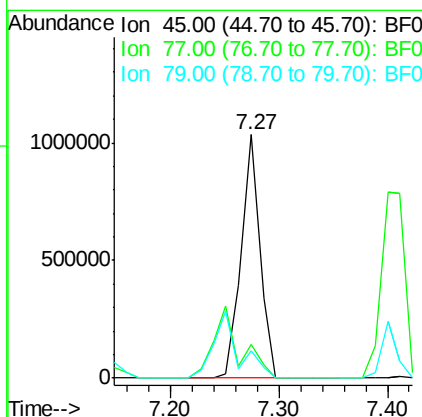
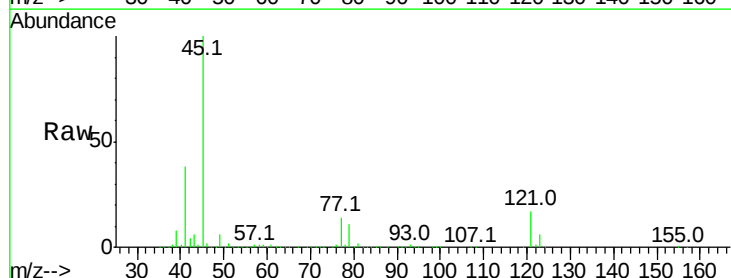
RT: 7.27 min Scan# 432

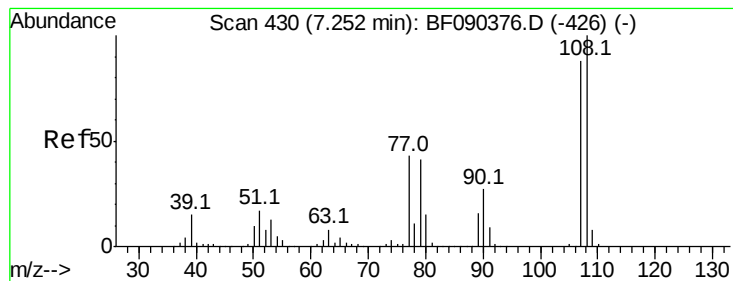
Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1226167 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 14.0  | 0.0   | 30.8    |
| 79        | 11.0  | 0.0   | 28.2    |





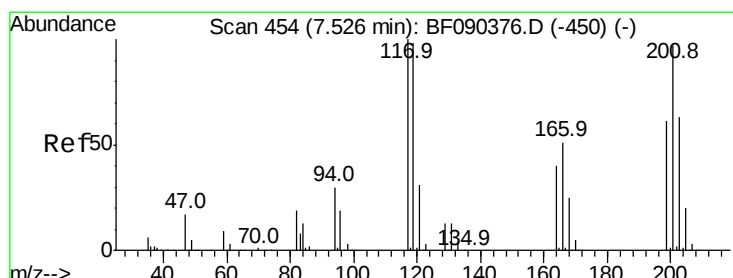
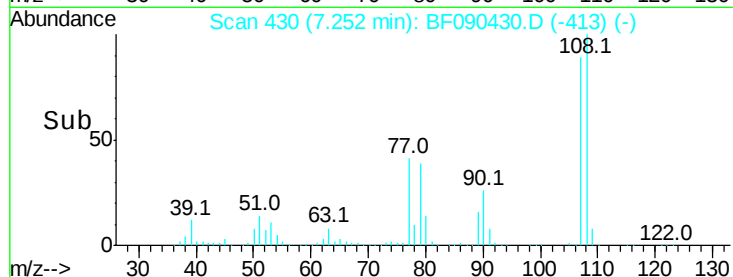
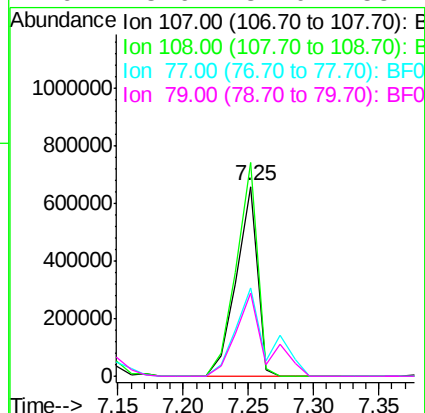
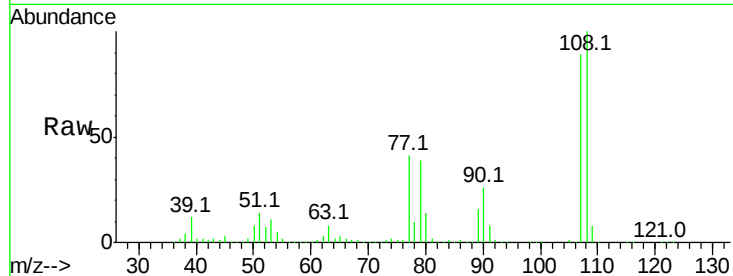
#17  
2-Methylphenol  
Concen: 53.29 ng  
RT: 7.25 min Scan# 430  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.7 | 90.9 | 136.3 |       |
| 77      | 46.4  | 38.2 | 57.4  |       |
| 79      | 43.6  | 37.0 | 55.4  |       |

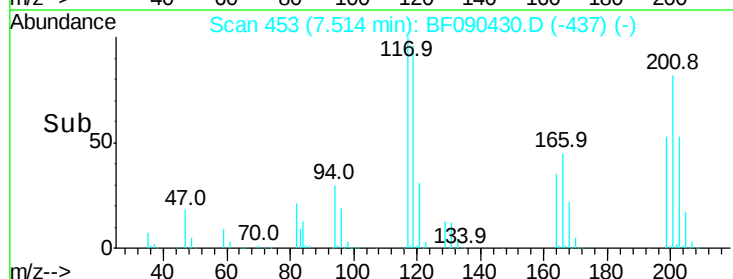
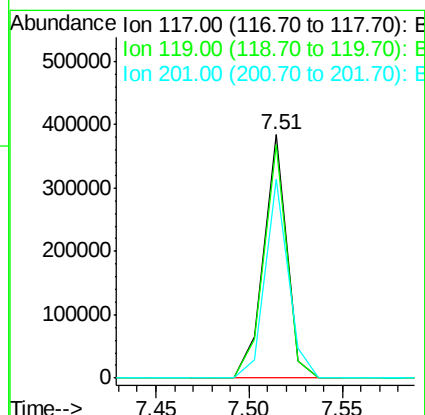
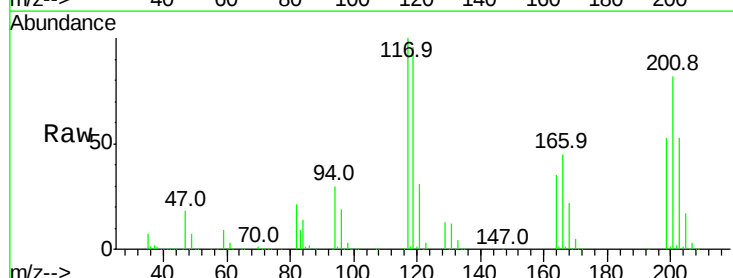
Manual Integrations  
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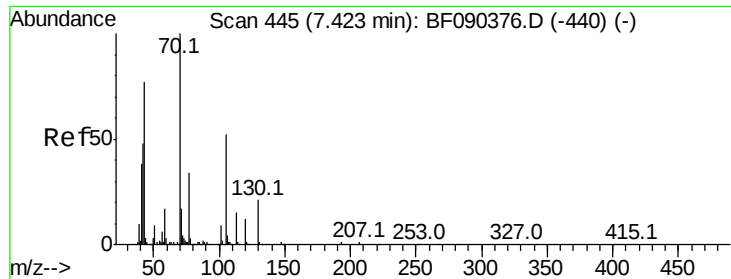
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10/7/2016 7:02:36 PM



#18  
Hexachloroethane  
Concen: 48.84 ng  
RT: 7.51 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.7  | 75.9 | 113.9 |       |
| 201     | 81.9  | 66.5 | 99.7  |       |





#19

n-Nitroso-di-n-propylamine

Concen: 44.70 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

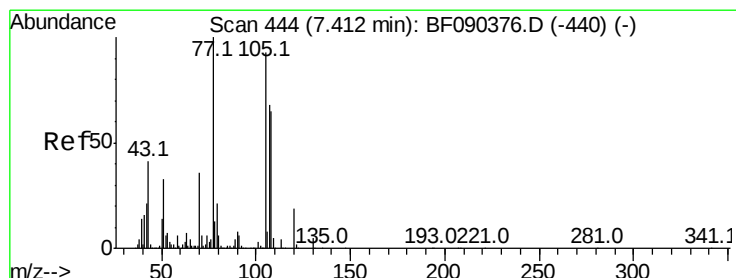
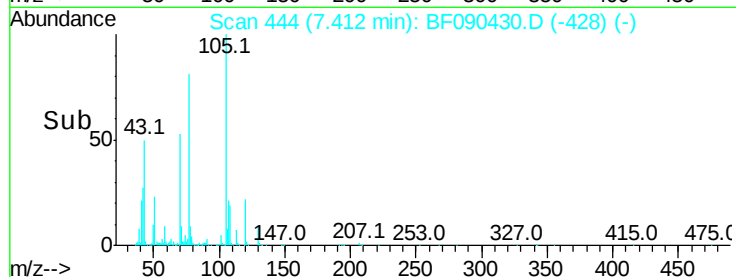
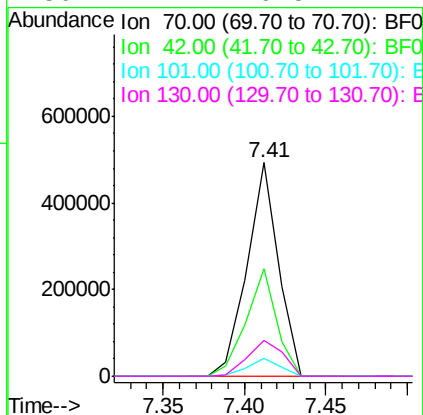
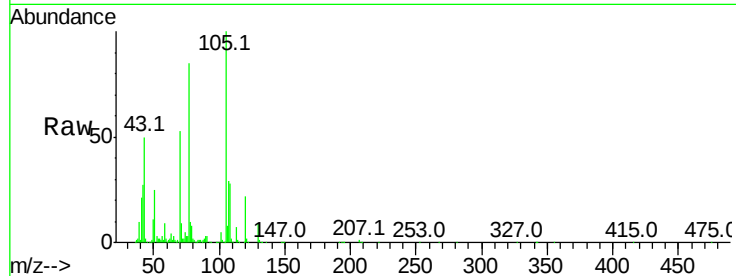
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 70    | Resp: | 654622 |
| Ion Ratio | Lower | Upper |        |
| 70        | 100   |       |        |
| 42        | 50.1  | 55.4  | 83.2#  |
| 101       | 8.5   | 7.6   | 11.4   |
| 130       | 17.1  | 16.5  | 24.7   |

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#20

3+4-Methylphenols

Concen: 47.29 ng

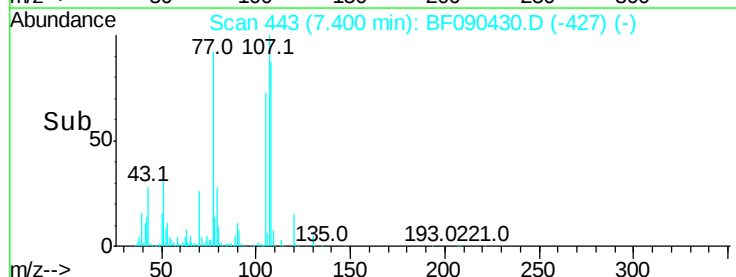
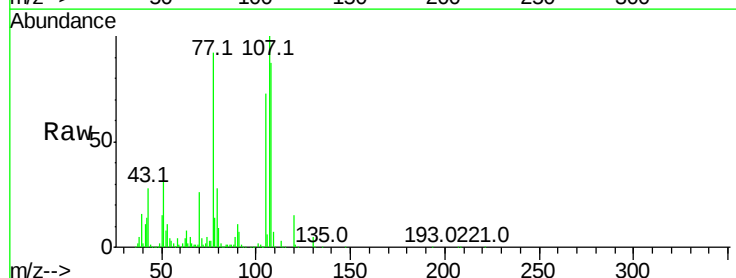
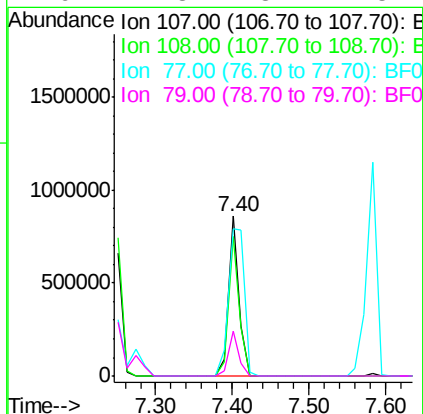
RT: 7.40 min Scan# 443

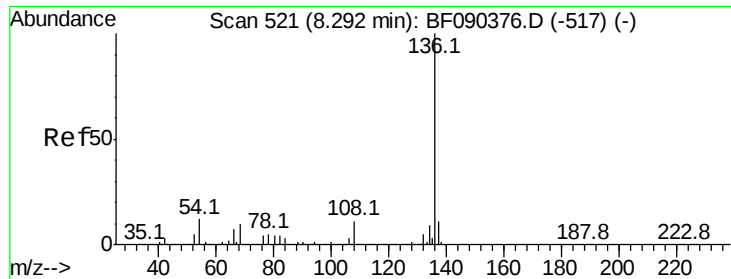
Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 844689 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 87.3  | 66.7  | 106.7  |
| 77        | 92.1  | 53.7  | 93.7   |
| 79        | 27.8  | 8.4   | 48.4   |





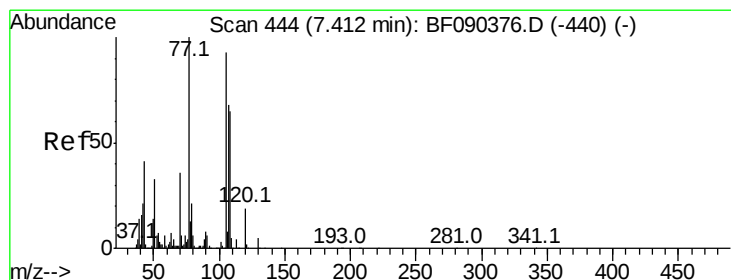
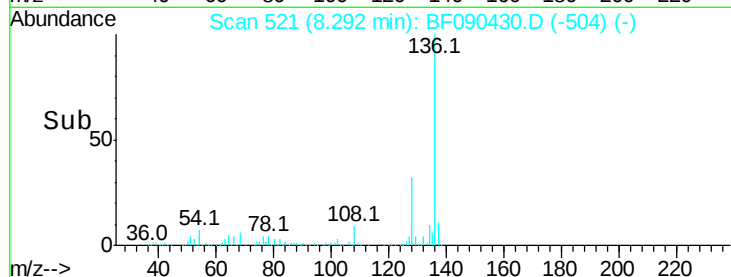
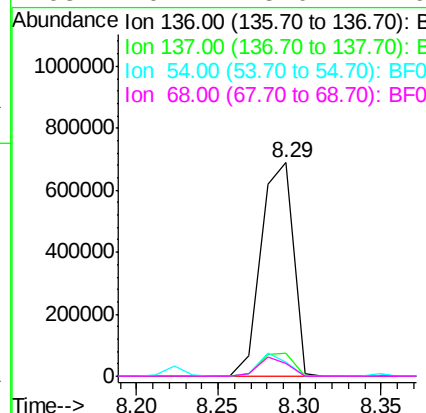
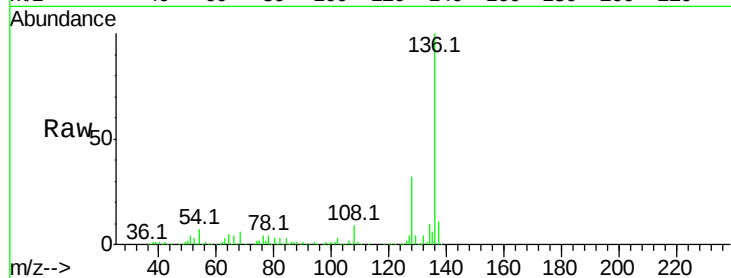
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.29 min Scan# 521  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 9.0  | 13.6  |       |
| 54      | 6.5   | 6.6  | 10.0# |       |
| 68      | 6.1   | 5.0  | 7.6   |       |

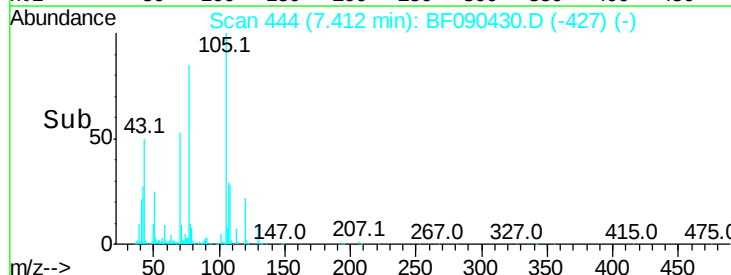
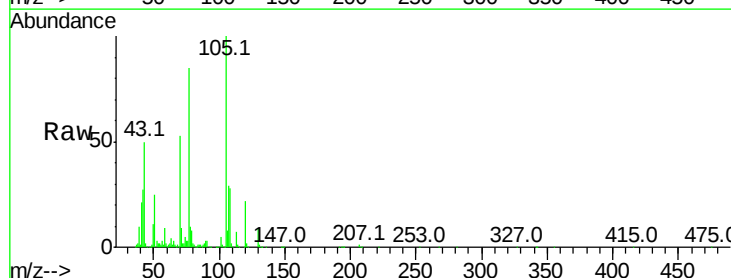
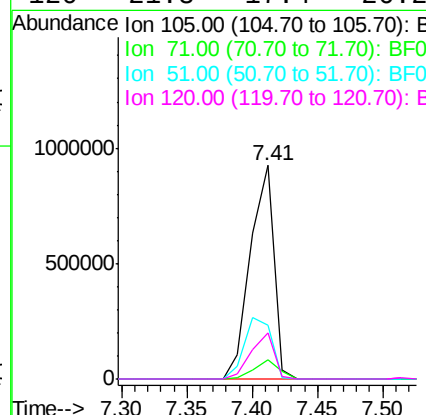
Manual Integrations  
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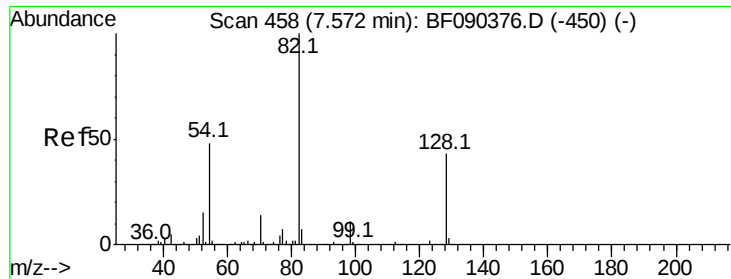
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#22  
Acetophenone  
Concen: 51.99 ng  
RT: 7.41 min Scan# 444  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 9.0   | 3.8  | 5.6#  |       |
| 51      | 25.2  | 28.2 | 42.4# |       |
| 120     | 21.8  | 17.4 | 26.2  |       |





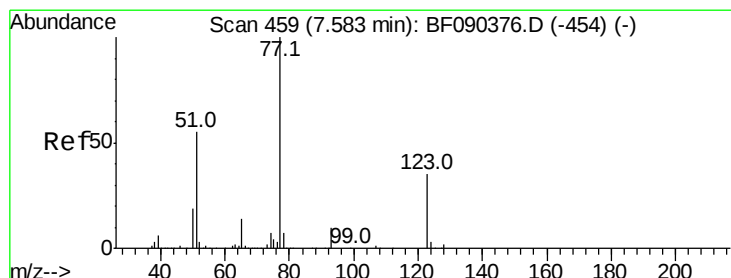
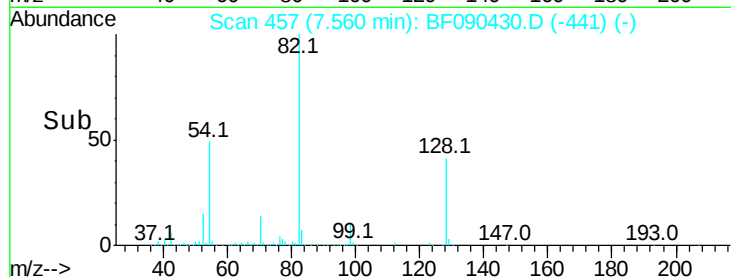
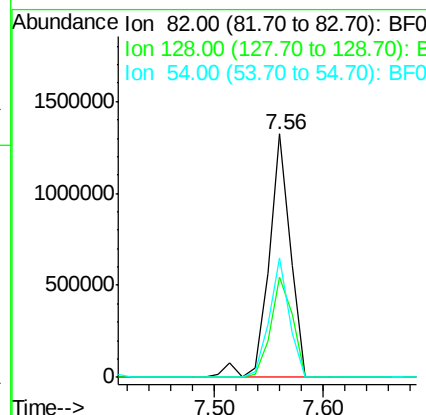
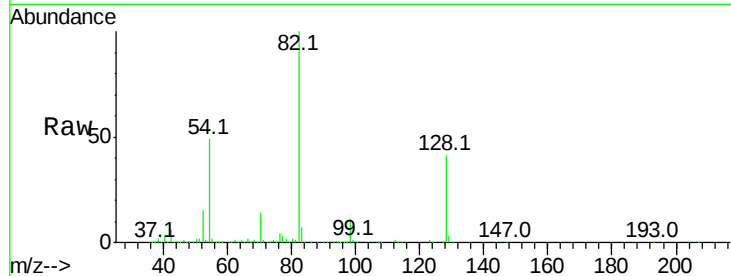
#23  
Nitrobenzene-d5  
Concen: 93.16 ng  
RT: 7.56 min Scan# 457  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 82 Resp: 1816750  
Ion Ratio Lower Upper  
82 100  
128 40.9 40.0 60.0  
54 49.0 42.6 64.0

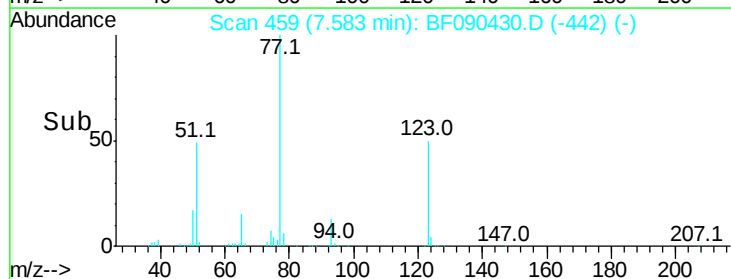
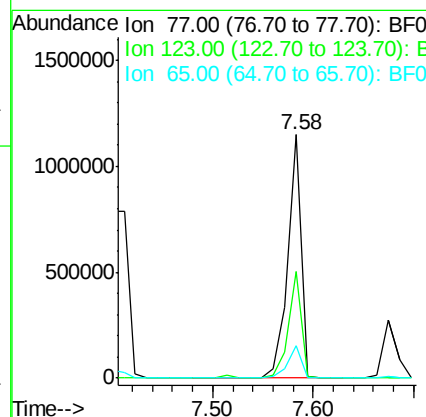
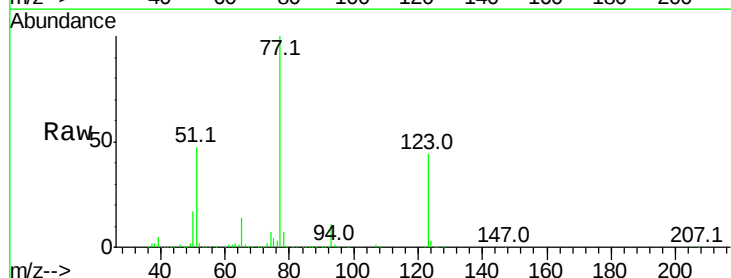
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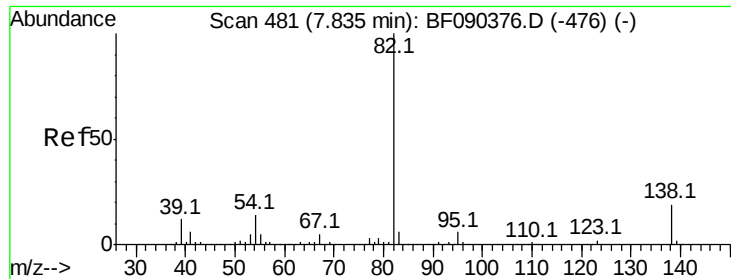
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#24  
Nitrobenzene  
Concen: 54.48 ng  
RT: 7.58 min Scan# 459  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Tgt Ion: 77 Resp: 1054781  
Ion Ratio Lower Upper  
77 100  
123 44.0 33.0 49.4  
65 13.5 12.0 18.0





#25

Isophorone

Concen: 48.74 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion: 82 Resp: 1737696

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

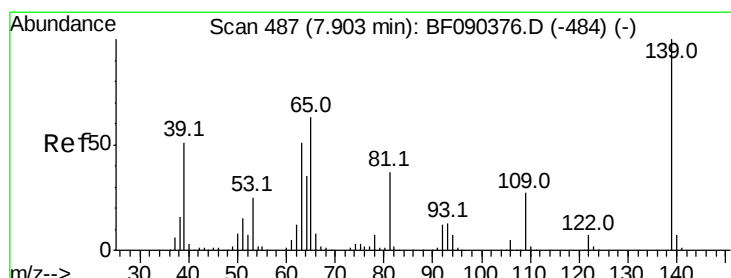
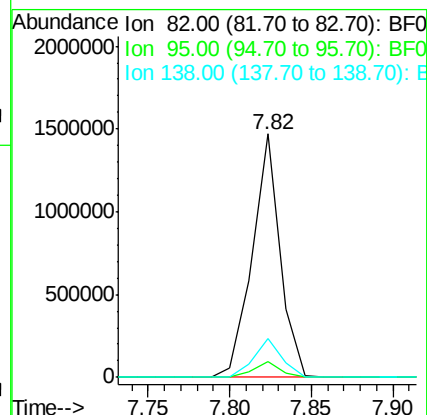
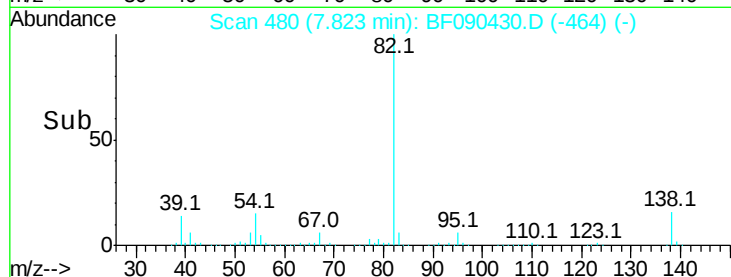
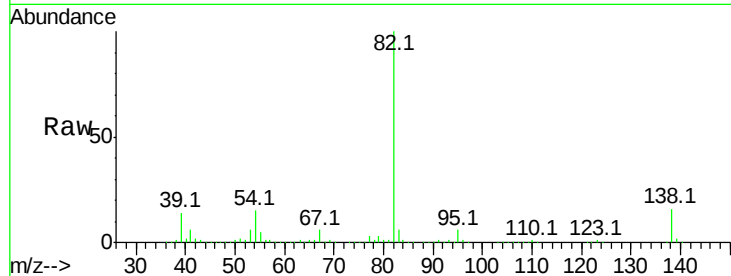
138 15.8 13.0 19.4

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#26

2-Nitrophenol

Concen: 54.59 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

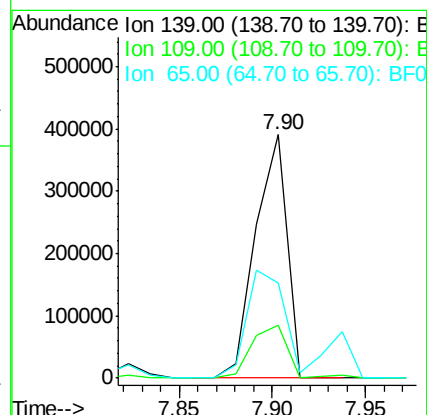
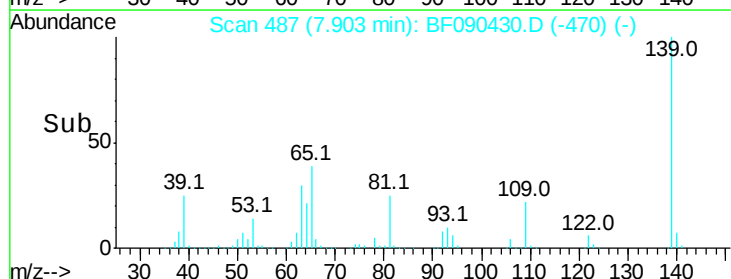
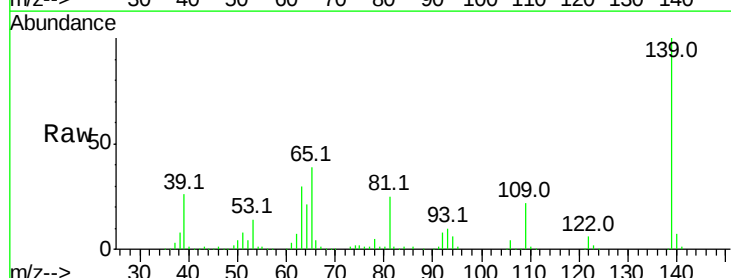
Tgt Ion:139 Resp: 454886

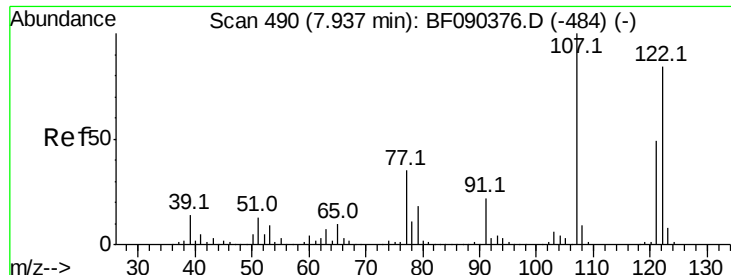
Ion Ratio Lower Upper

139 100

109 21.9 18.9 28.3

65 39.3 31.6 47.4





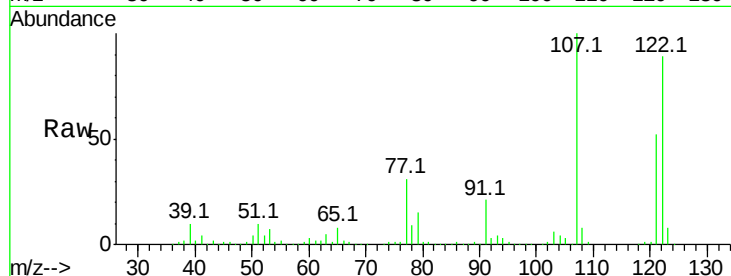
#27  
 2,4-Dimethylphenol  
 Concen: 51.47 ng  
 RT: 7.94 min Scan# 490  
 Delta R.T. -0.00 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
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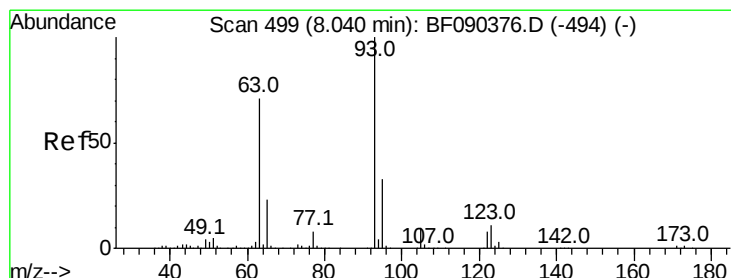
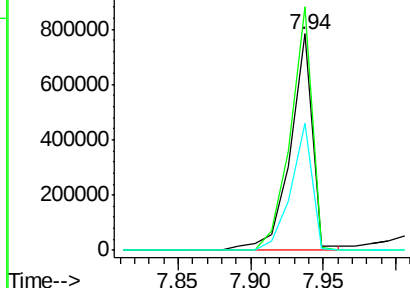
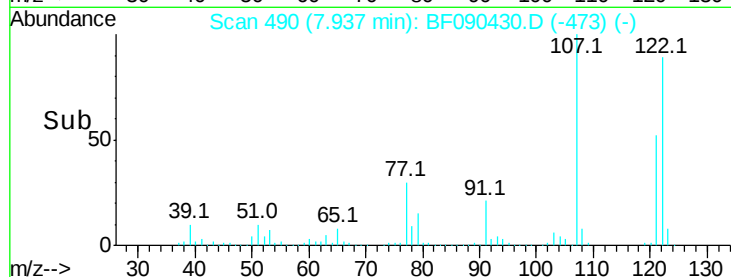
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 834154 |       |       |
| 107     | 112.5 | 88.6   | 132.8 |       |
| 121     | 58.9  | 47.5   | 71.3  |       |

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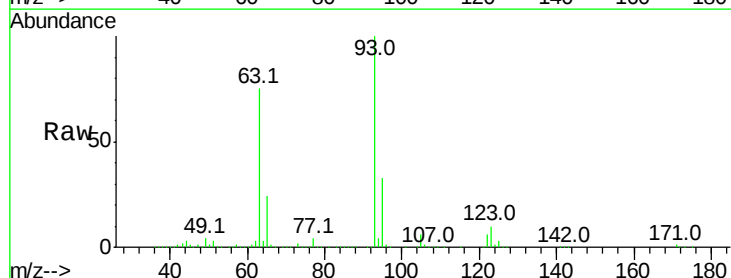


Abundance Ion 122.00 (121.70 to 122.70): E  
 1200000  
 Ion 107.00 (106.70 to 107.70): E  
 1000000  
 Ion 121.00 (120.70 to 121.70): E

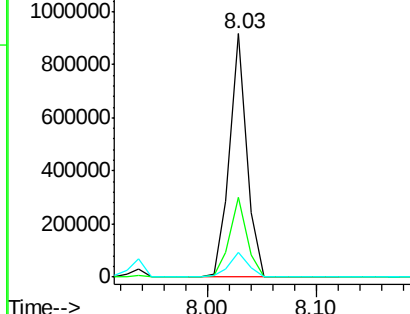
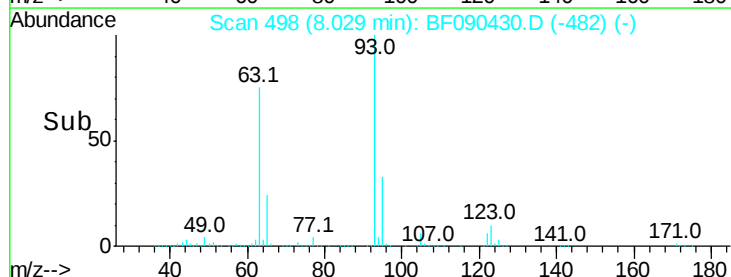


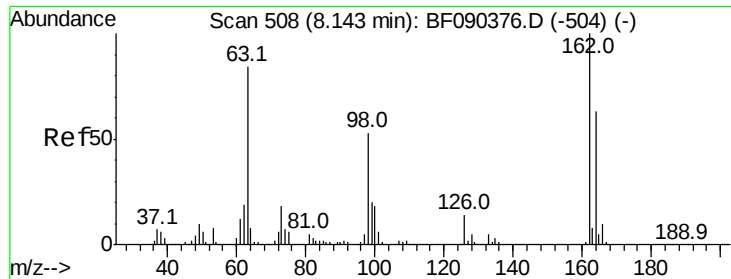
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.59 ng  
 RT: 8.03 min Scan# 498  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 93      | 100   | 1003495 |       |       |
| 95      | 32.9  | 27.0    | 40.4  |       |
| 123     | 10.3  | 11.1    | 16.7  |       |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 1200000  
 Ion 95.00 (94.70 to 95.70): BF0  
 1000000  
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 55.63 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

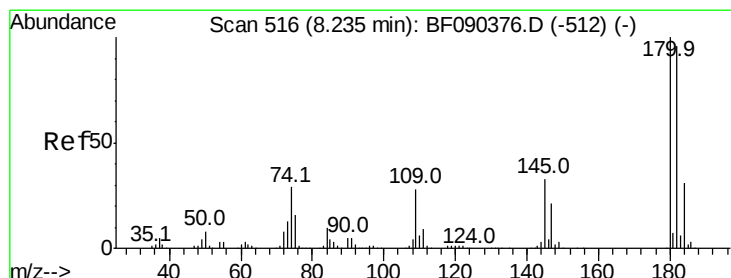
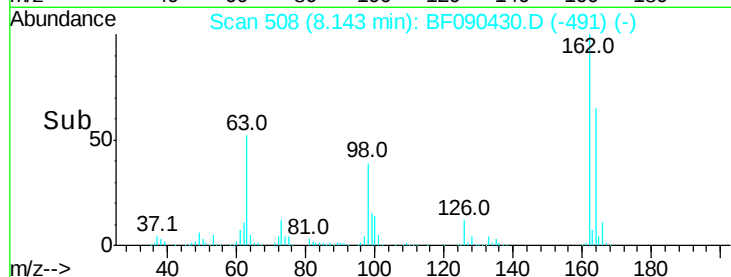
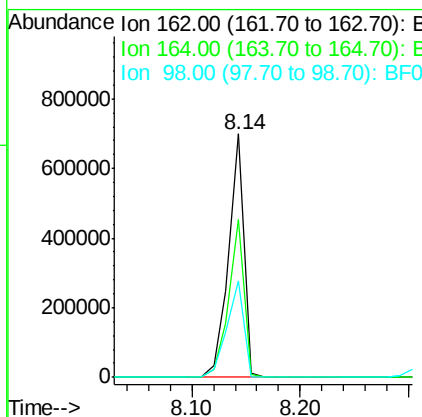
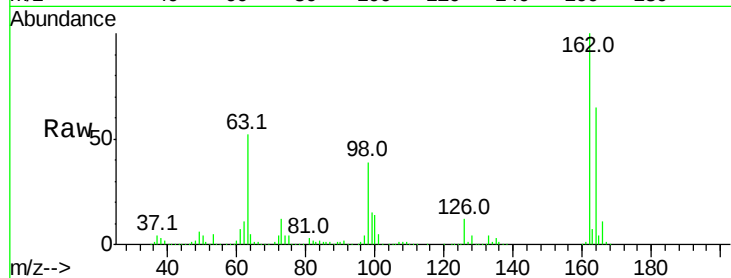
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 685401 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.7  | 45.7  | 85.7   |
| 98        | 39.5  | 13.3  | 53.3   |

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#30

1,2,4-Trichlorobenzene

Concen: 50.31 ng

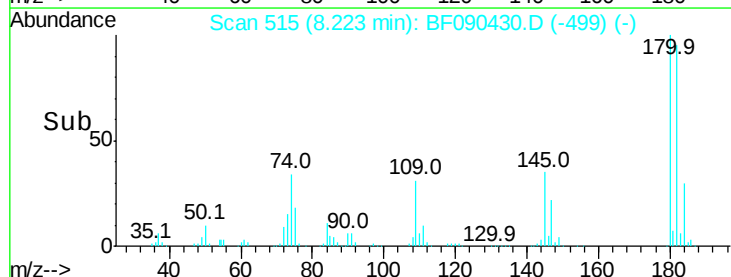
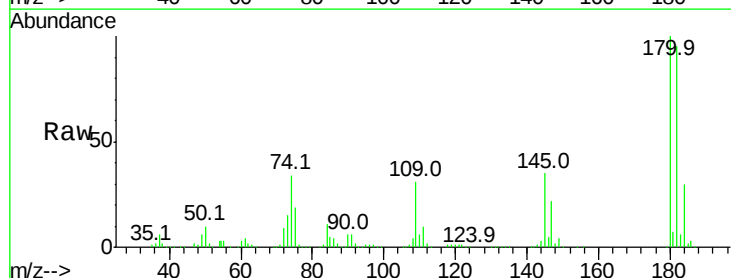
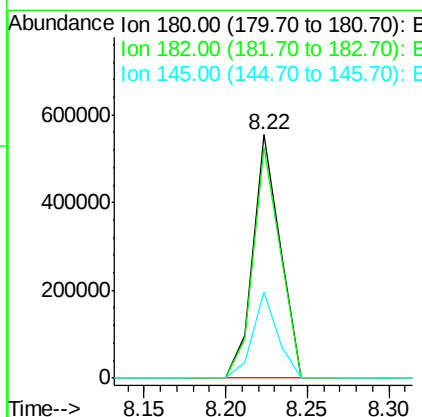
RT: 8.22 min Scan# 515

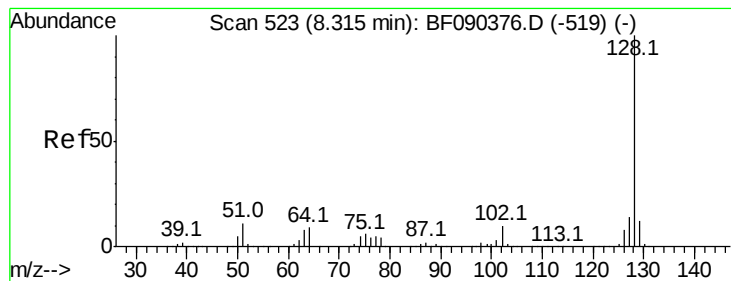
Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 638847 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.6  | 75.3  | 112.9  |
| 145       | 35.1  | 27.7  | 41.5   |





#31

Naphthalene

Concen: 49.37 ng

RT: 8.30 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:128 Resp: 2259424

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

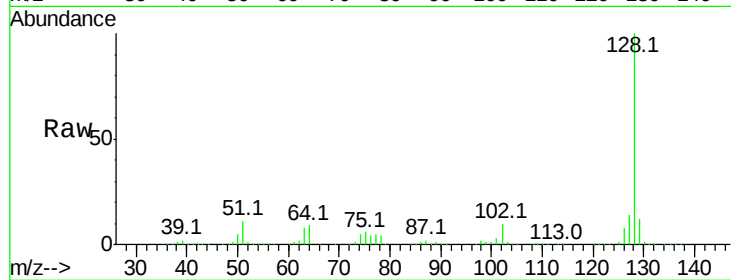
127 13.6 11.7 17.5

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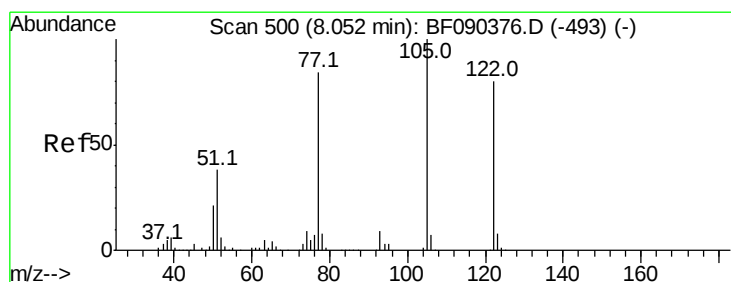
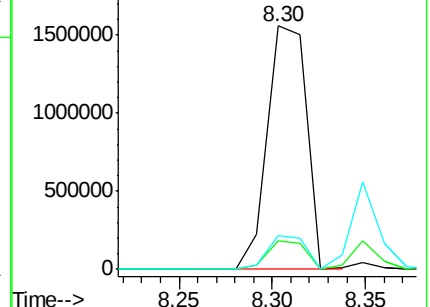
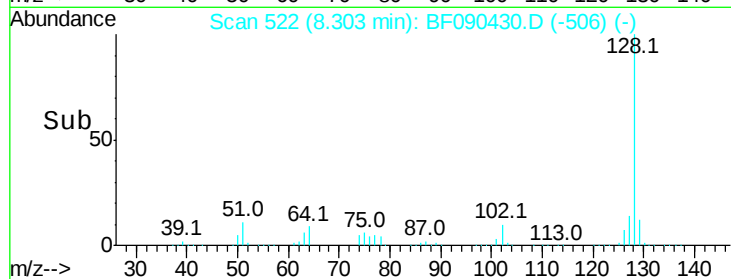
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.60 ng

RT: 8.02 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

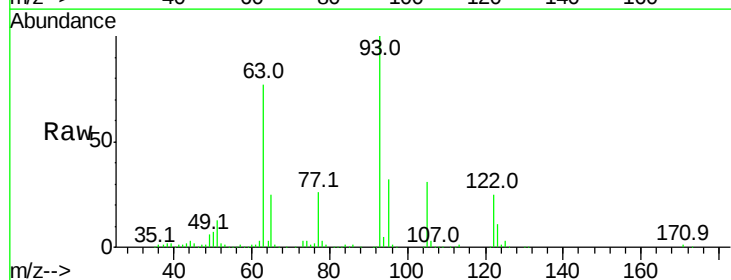
Tgt Ion:122 Resp: 175708

Ion Ratio Lower Upper

122 100

105 124.7 103.9 143.9

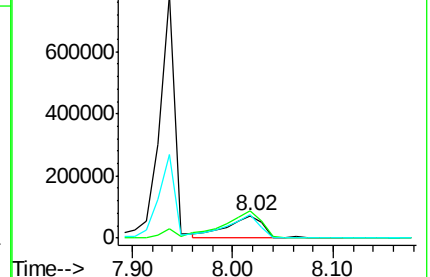
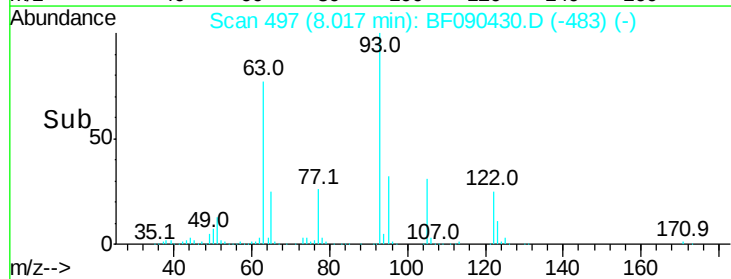
77 105.4 74.6 114.6

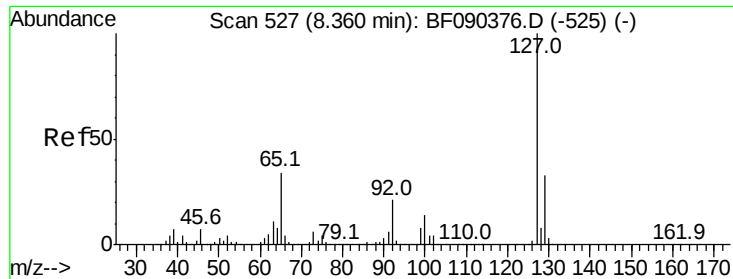


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





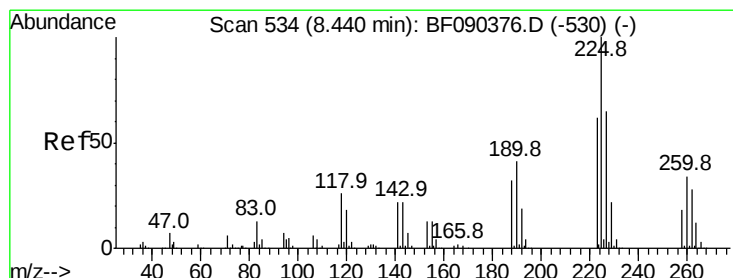
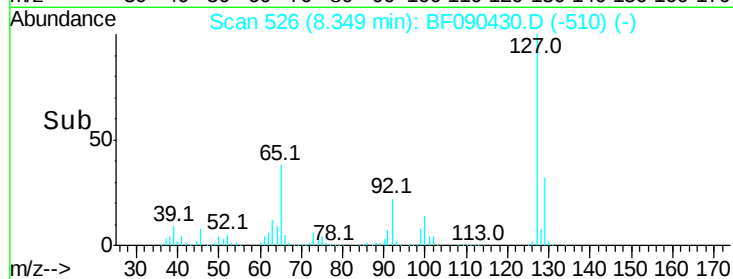
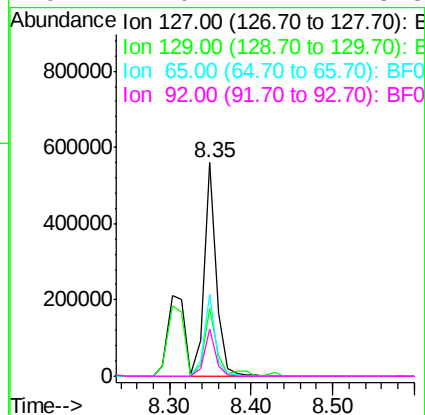
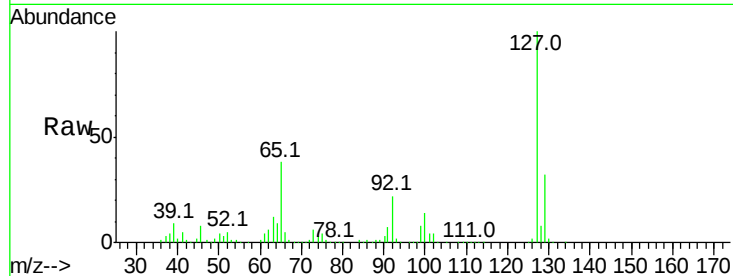
#33  
4-Chloroaniline  
Concen: 30.94 ng  
RT: 8.35 min Scan# 526  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.0  | 26.2 | 39.4  |       |
| 65      | 38.2  | 32.5 | 48.7  |       |
| 92      | 22.0  | 17.2 | 25.8  |       |

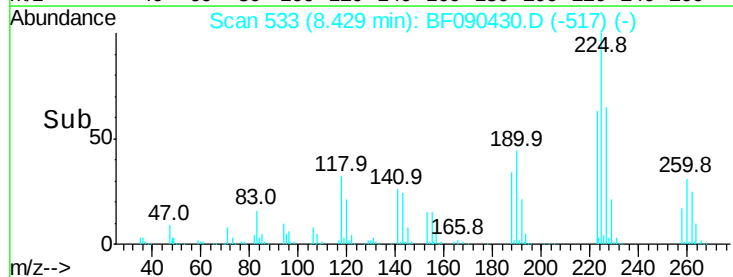
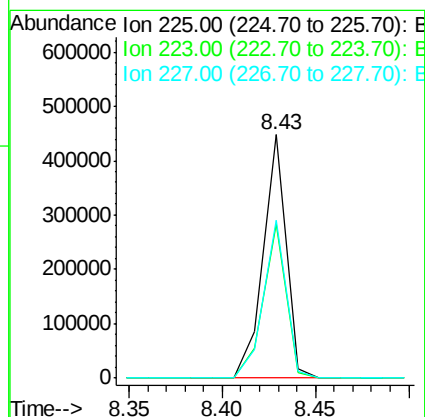
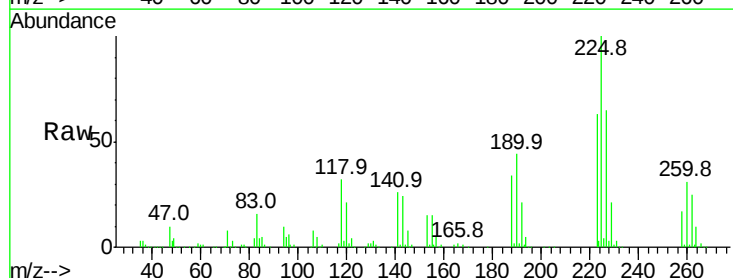
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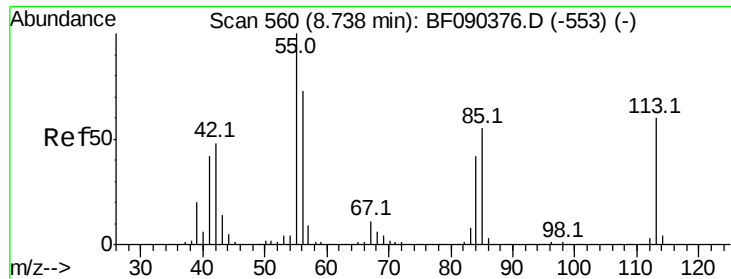
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#34  
Hexachlorobutadiene  
Concen: 53.44 ng  
RT: 8.43 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.3  | 51.0 | 76.4  |       |
| 227     | 64.7  | 50.8 | 76.2  |       |





#35

Caprolactam

Concen: 54.29 ng/ml

RT: 8.73 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

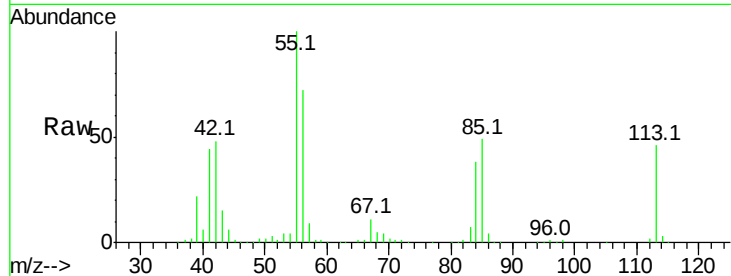
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 224872 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 215.1 | 203.3 | 243.3  |
| 56        | 154.3 | 140.5 | 180.5  |

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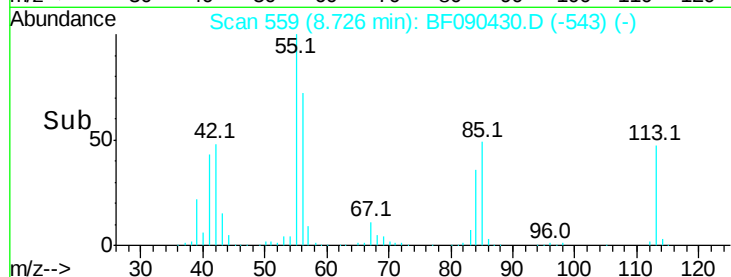
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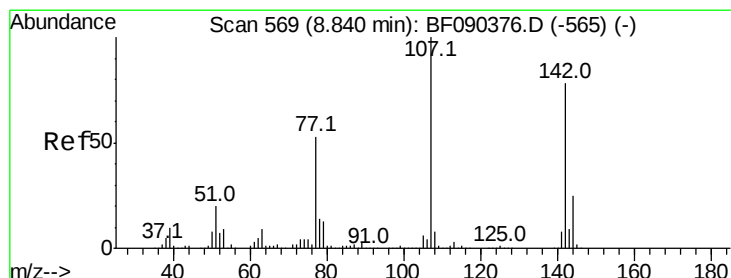
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 53.18 ng/ml

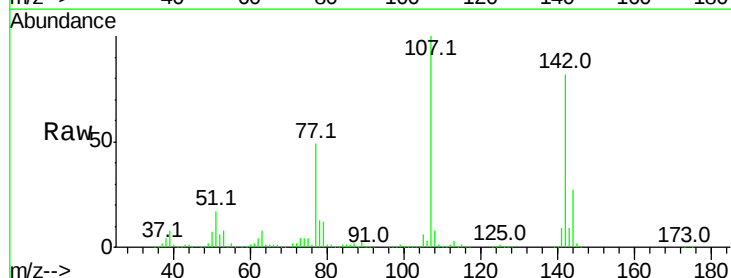
RT: 8.84 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

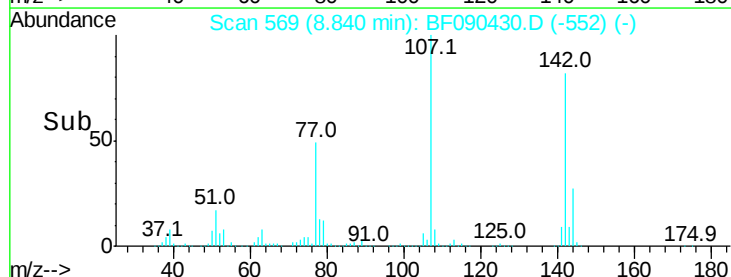
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 820359 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 26.5  | 19.8  | 29.8   |
| 142       | 81.8  | 60.7  | 91.1   |



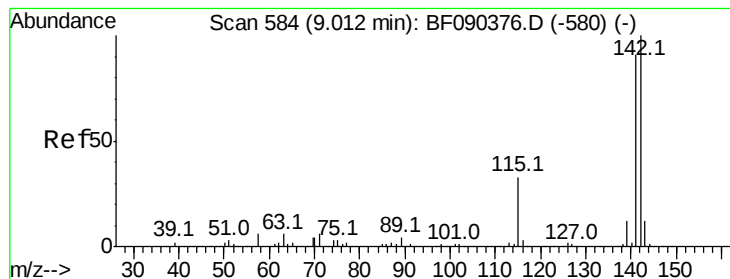
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->



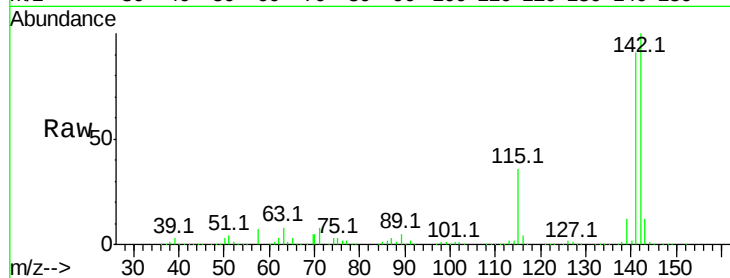
#37  
 2-Methylnaphthalene  
 Concen: 50.75 ng  
 RT: 9.00 min Scan# 583  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

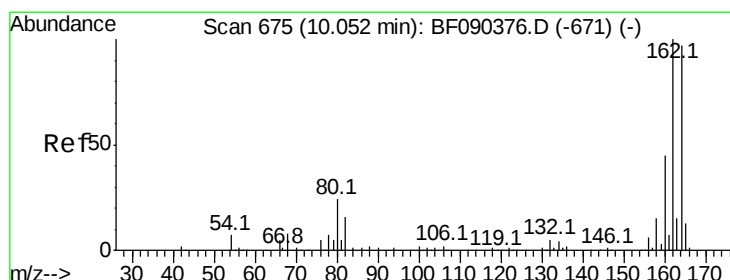
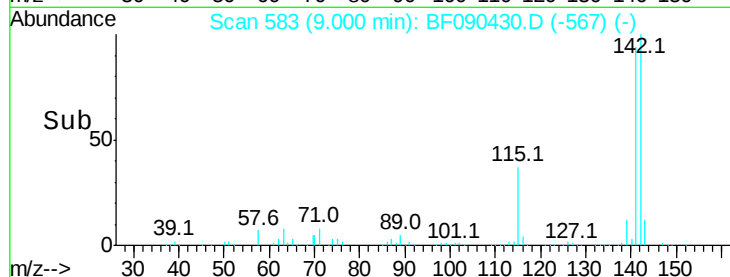
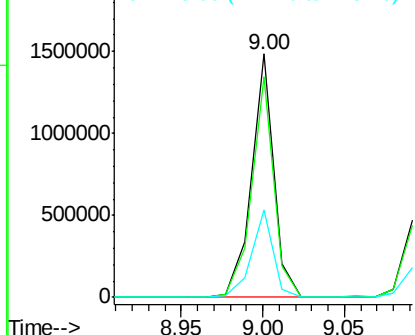
Tot Ion:142 Resp: 1405884  
 Ion Ratio Lower Upper  
 142 100  
 141 90.6 71.8 107.8  
 115 35.9 28.8 43.2

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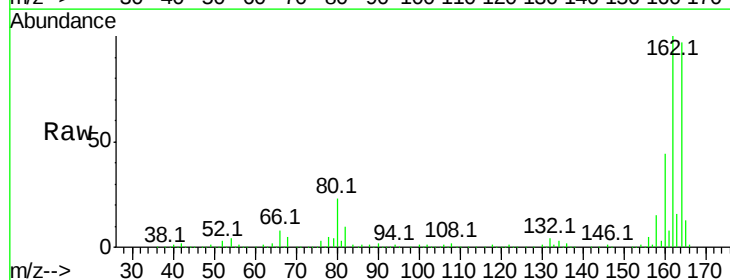


Abundance Ion 142.00 (141.70 to 142.70): E  
 2000000 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

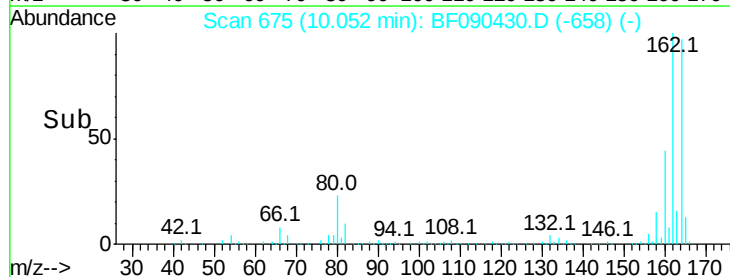
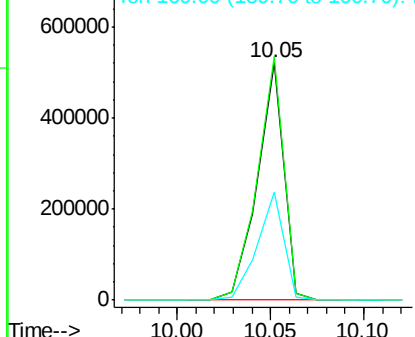


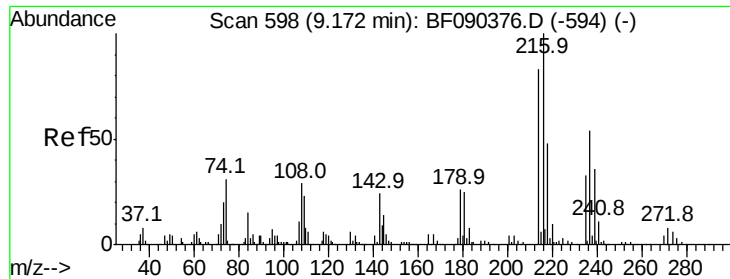
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.05 min Scan# 675  
 Delta R.T. -0.00 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Tgt Ion:164 Resp: 508385  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 80.1 120.1  
 160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E  
 600000 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.32 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

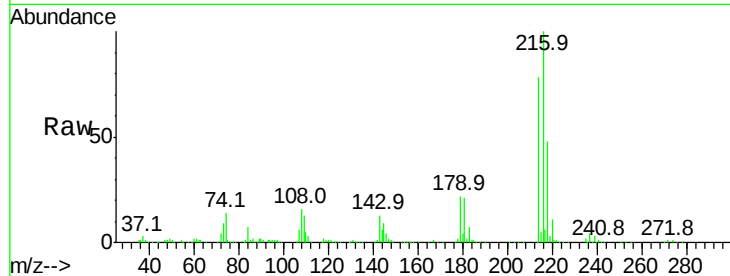
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 701225 |       |       |
| 214     | 78.9  |        | 64.2  | 96.2  |
| 179     | 22.9  |        | 18.0  | 27.0  |
| 108     | 21.5  |        | 15.2  | 22.8  |

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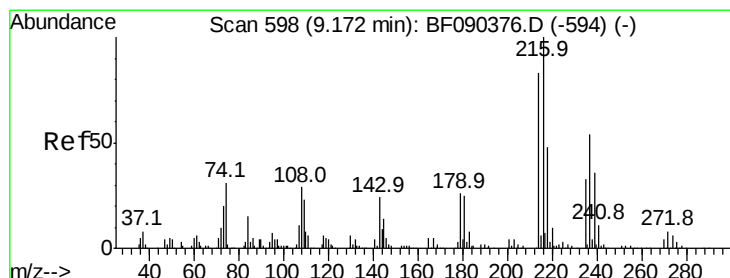
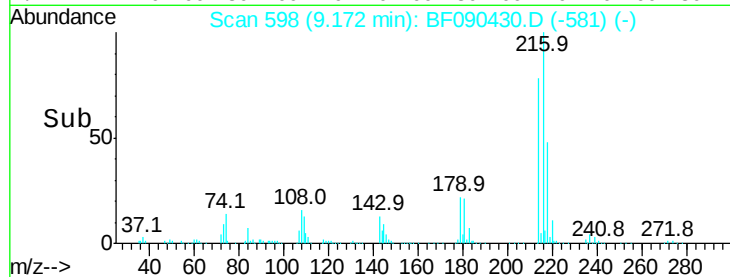
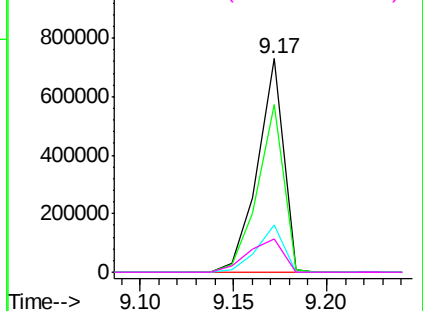


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.89 ng

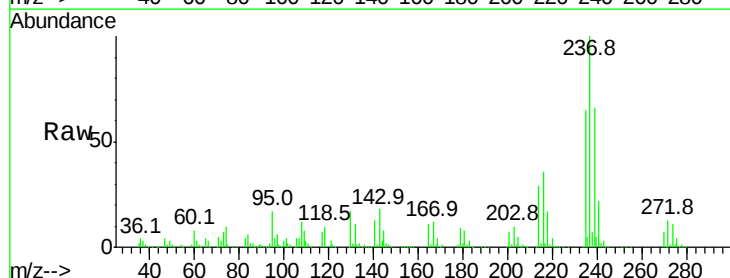
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

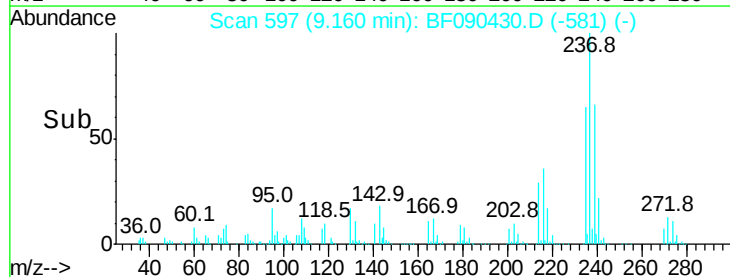
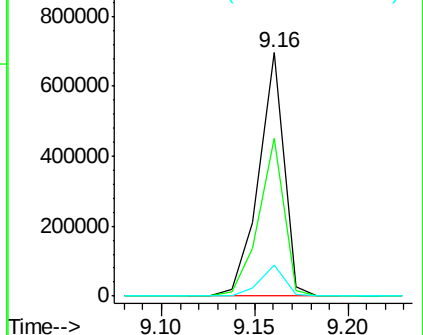
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 653107 |       |       |
| 235     | 64.9  |        | 43.6  | 83.6  |
| 272     | 13.0  |        | 0.0   | 32.7  |

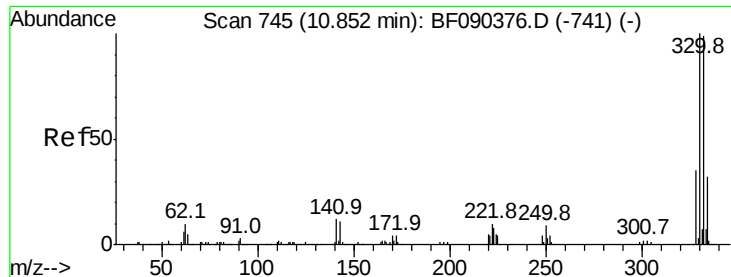


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





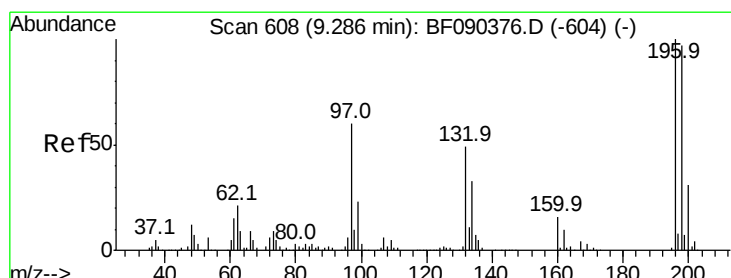
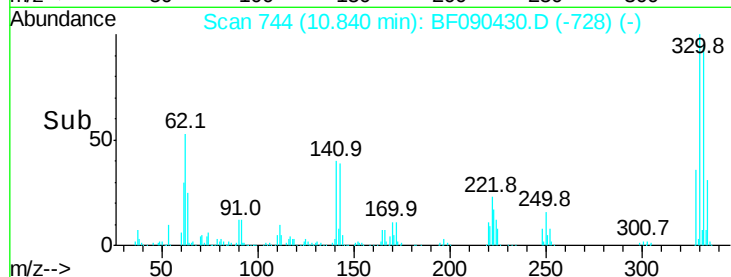
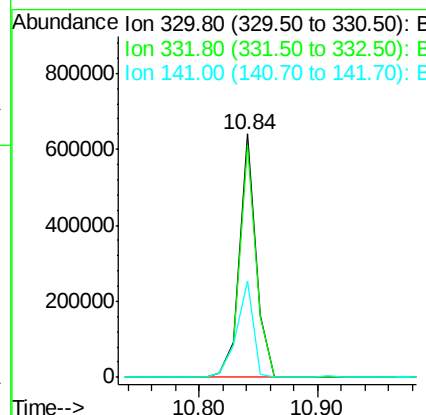
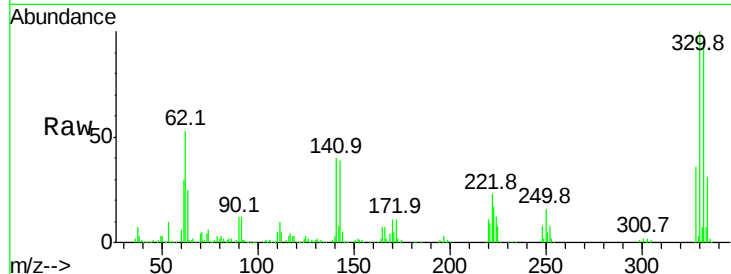
#41  
 2,4,6-Tribromophenol  
 Concen: 150.68 ng  
 RT: 10.84 min Scan# 744  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 622876 |       |       |
| 332     | 96.0  | 75.4   | 113.0 |       |
| 141     | 39.4  | 26.9   | 40.3  |       |

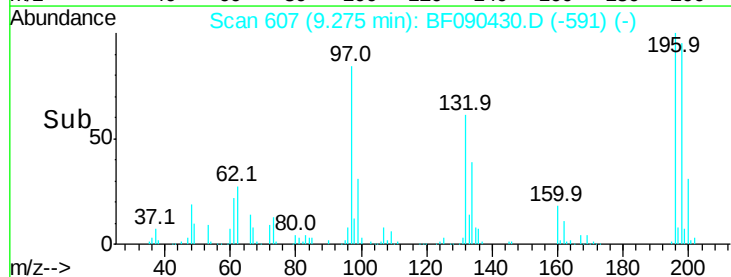
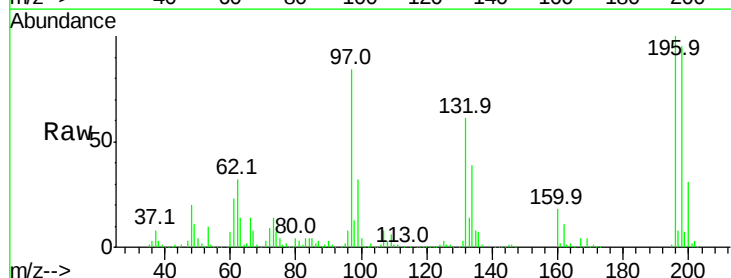
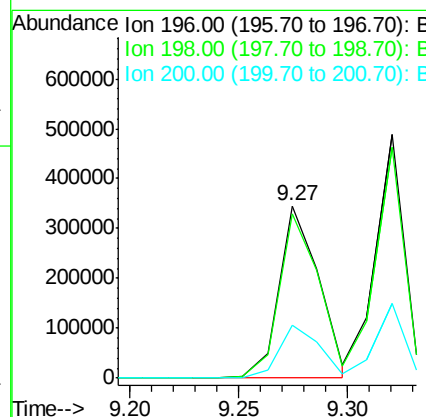
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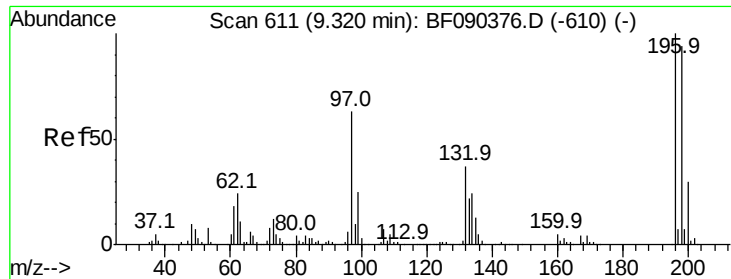
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#42  
 2,4,6-Trichlorophenol  
 Concen: 47.67 ng  
 RT: 9.27 min Scan# 607  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 440884 |       |       |
| 198     | 95.0  | 78.9   | 118.3 |       |
| 200     | 30.6  | 25.4   | 38.2  |       |





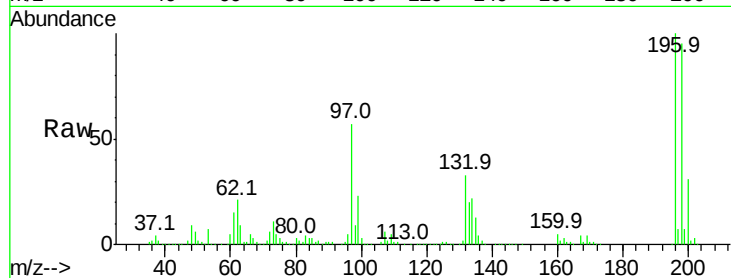
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.95 ng  
 RT: 9.32 min Scan# 611  
 Delta R.T. -0.00 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

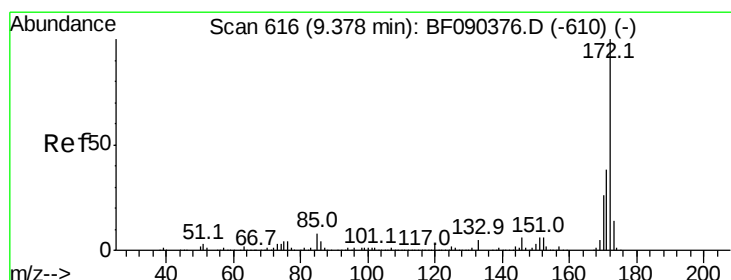
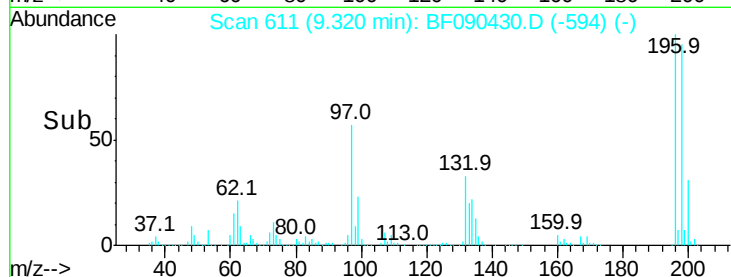
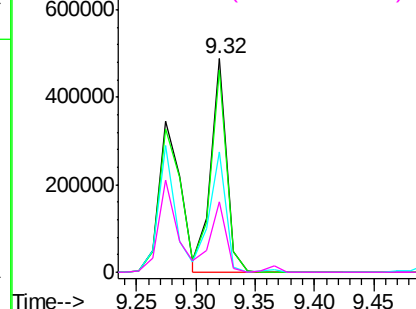
| Tot Ion   | 196   | Resp  | 454348 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.0  | 78.1  | 117.1  |
| 97        | 56.6  | 48.1  | 72.1   |
| 132       | 32.8  | 27.4  | 41.2   |

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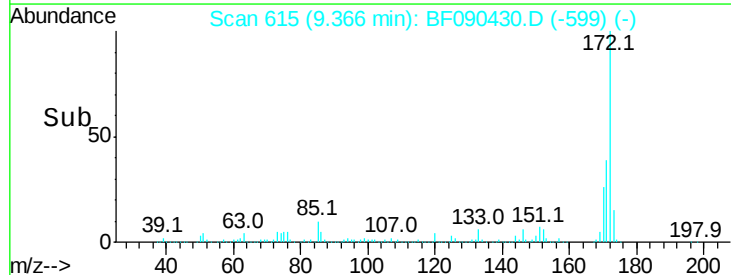
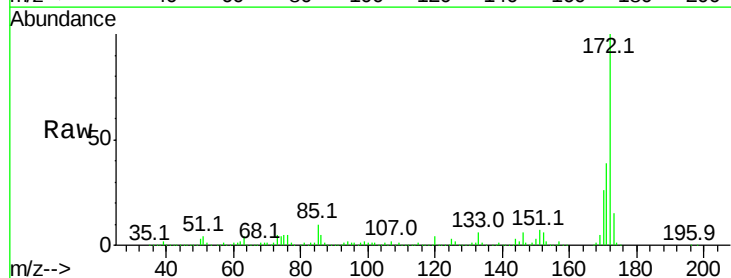
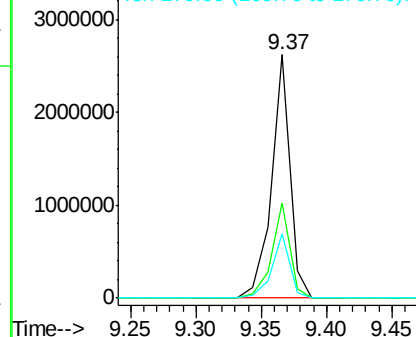
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

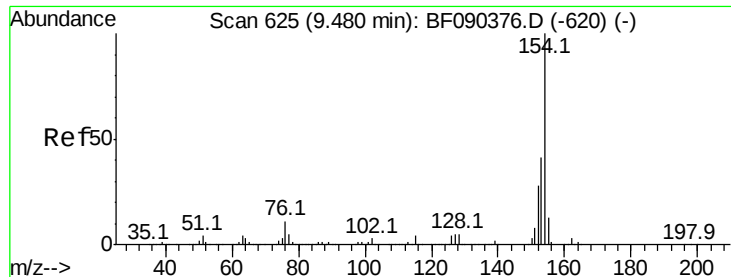


#44  
 2-Fluorobiphenyl  
 Concen: 85.34 ng  
 RT: 9.37 min Scan# 615  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

| Tgt Ion   | 172   | Resp  | 2603917 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 38.8  | 31.8  | 47.8    |
| 170       | 26.4  | 21.7  | 32.5    |

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





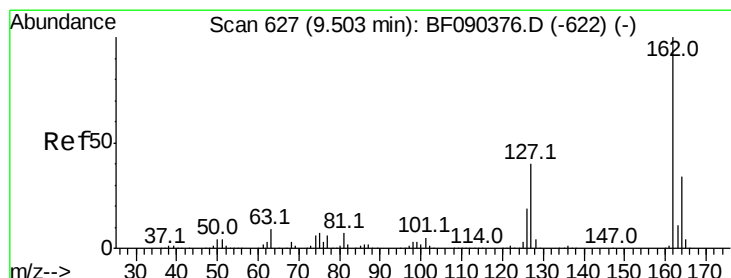
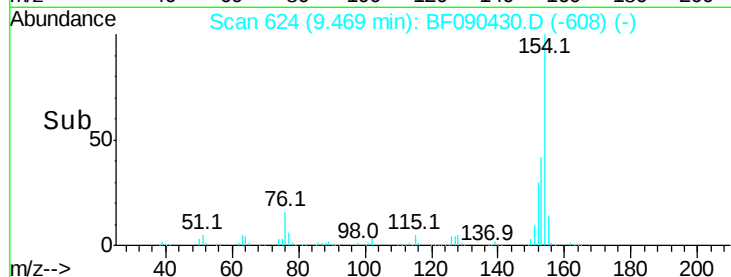
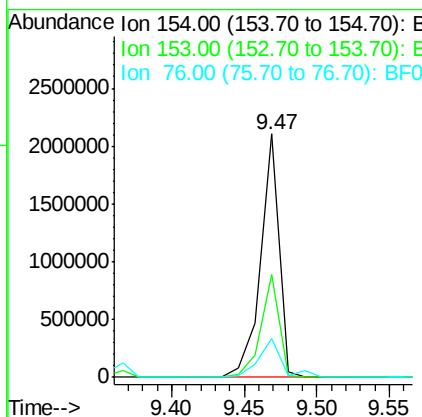
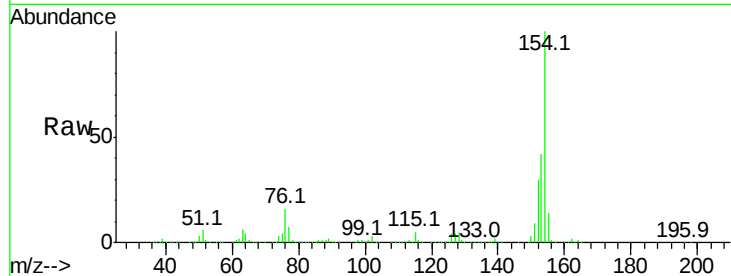
#45  
1,1'-Biphenyl  
Concen: 49.14 ng  
RT: 9.47 min Scan# 624  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.4  | 23.8  | 63.8  |
| 76      | 16.2  | 0.0   | 35.8  |

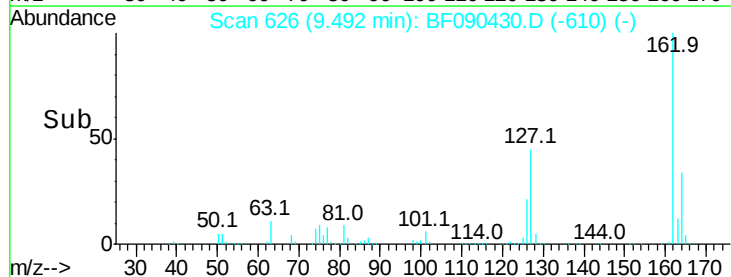
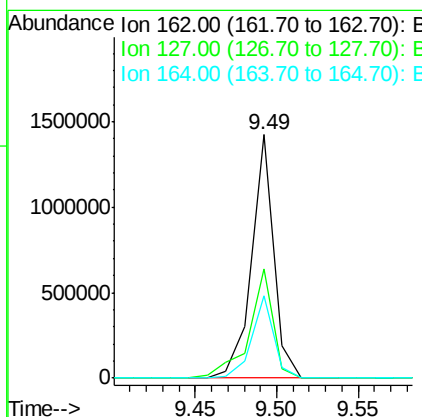
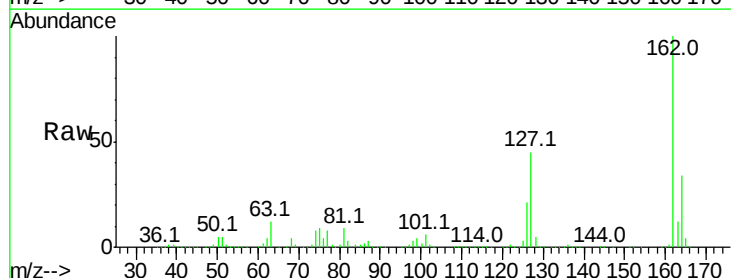
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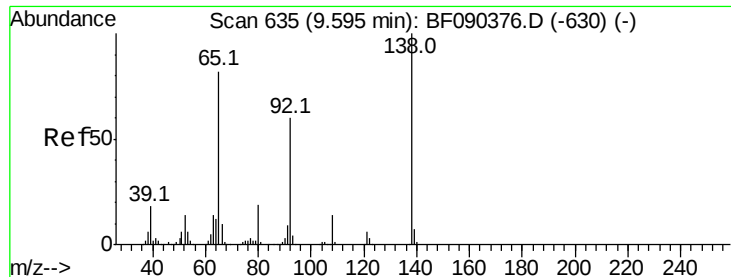
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#46  
2-Chloronaphthalene  
Concen: 48.14 ng  
RT: 9.49 min Scan# 626  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.8  | 35.6  | 53.4  |
| 164     | 34.0  | 27.5  | 41.3  |





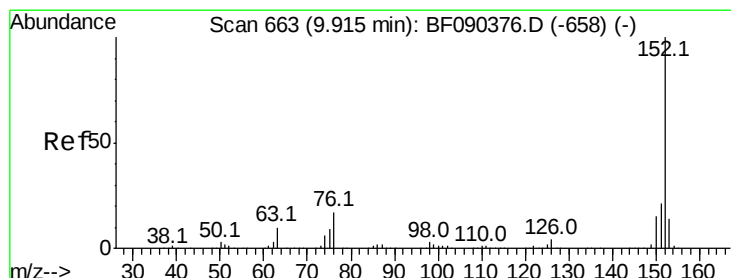
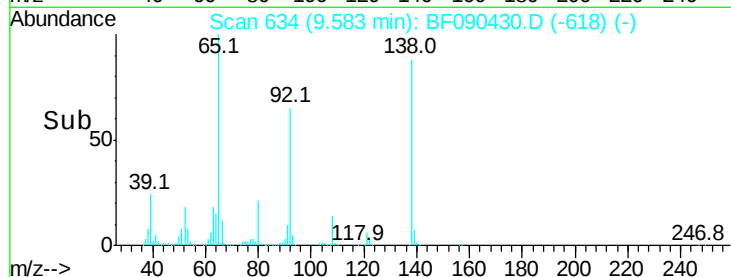
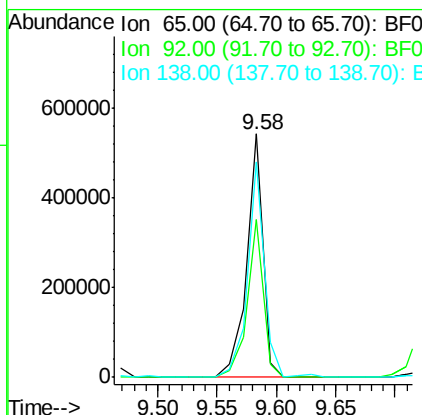
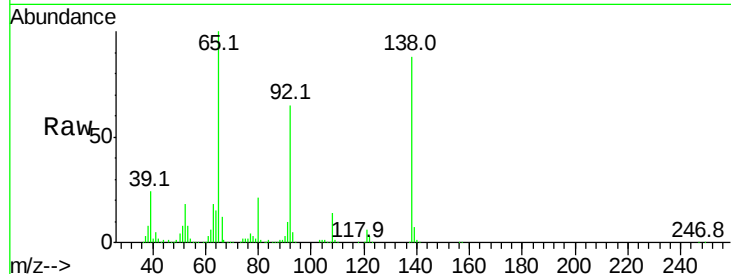
#47  
2-Nitroaniline  
Concen: 47.17 ng  
RT: 9.58 min Scan# 634  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.9  | 51.7  | 77.5  |
| 138     | 88.3  | 79.0  | 118.4 |

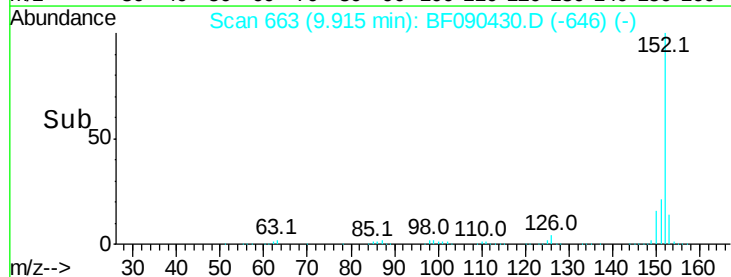
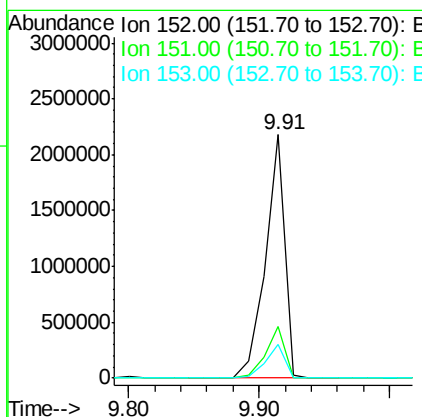
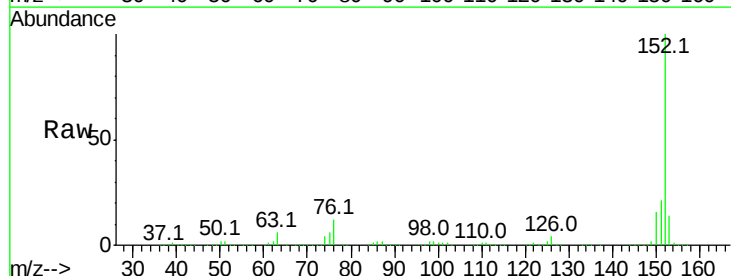
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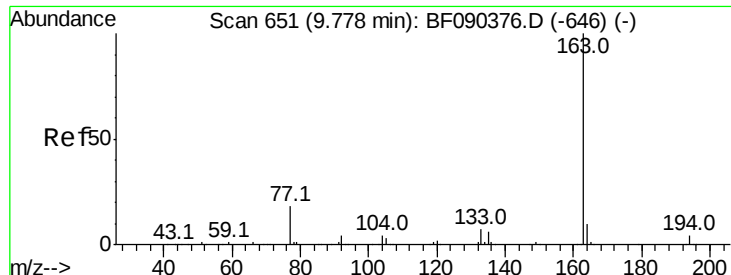
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#48  
Acenaphthylene  
Concen: 48.83 ng  
RT: 9.91 min Scan# 663  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.3  | 17.4  | 26.0  |
| 153     | 14.1  | 11.6  | 17.4  |





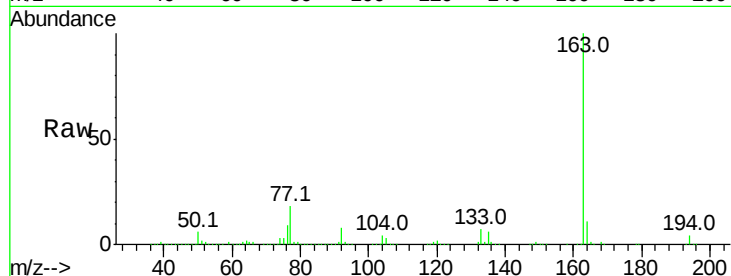
#49  
Dimethylphthalate  
Concen: 98.35 ng  
RT: 9.78 min Scan# 651  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

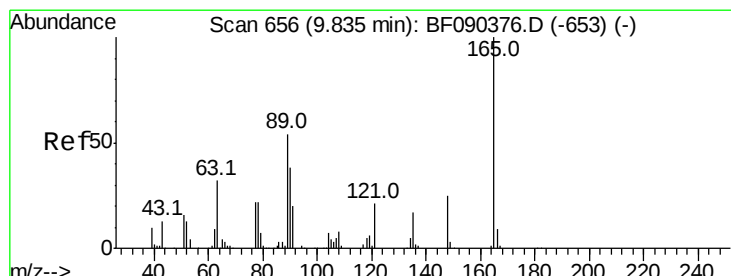
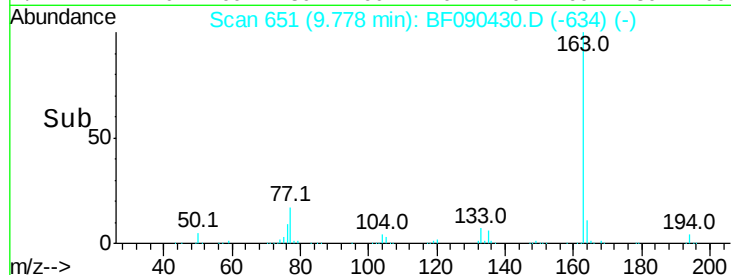
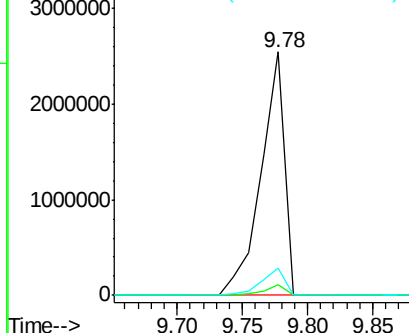
Tot Ion:163 Resp: 3202244  
Ion Ratio Lower Upper  
163 100  
194 4.3 2.8 4.2#  
164 11.1 9.0 13.4

Manual Integrations  
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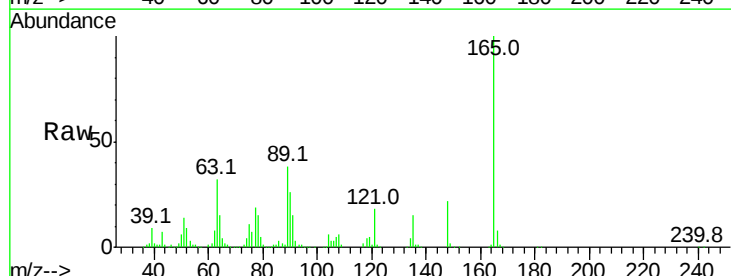


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

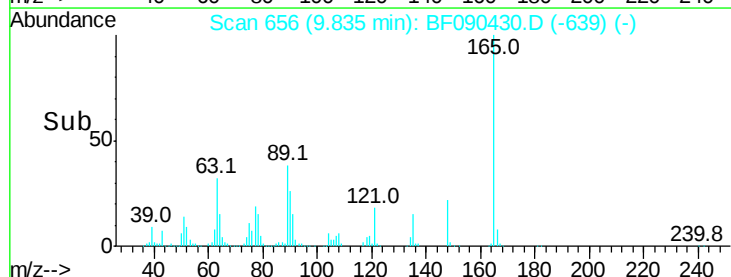
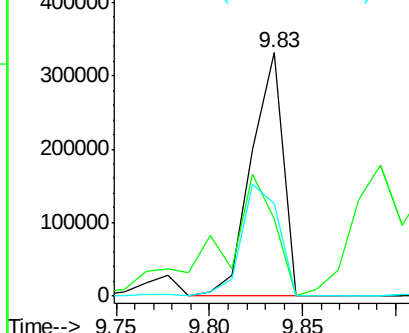


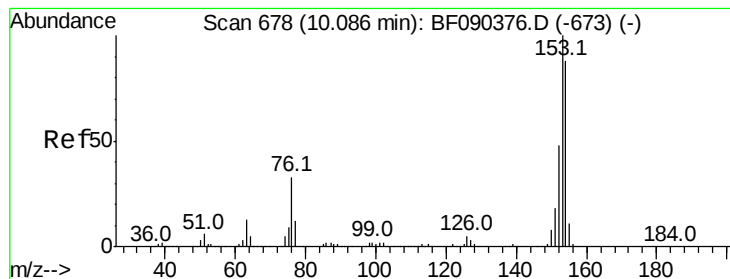
#50  
2,6-Dinitrotoluene  
Concen: 53.56 ng  
RT: 9.83 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Tgt Ion:165 Resp: 387150  
Ion Ratio Lower Upper  
165 100  
63 31.9 58.0 87.0#  
89 38.2 51.2 76.8#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.81 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:154 Resp: 1512385

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

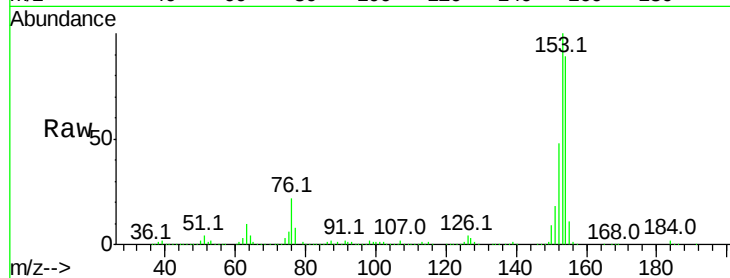
152 54.2 42.6 64.0

Manual Integrations

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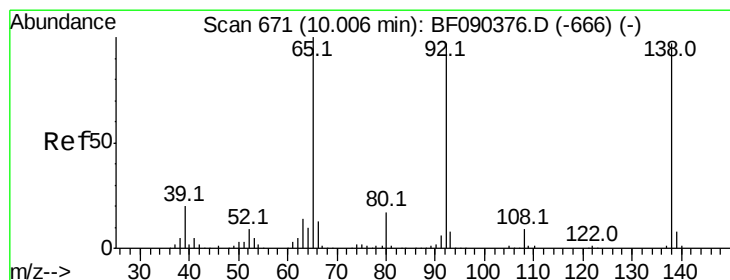
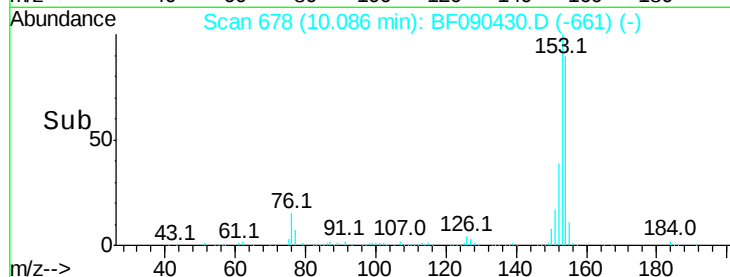
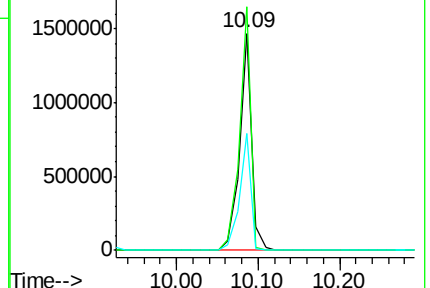
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.65 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

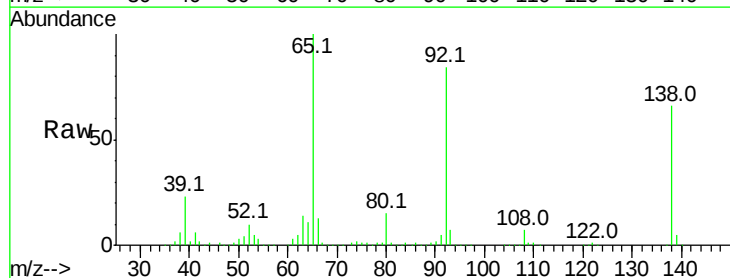
Tgt Ion:138 Resp: 292591

Ion Ratio Lower Upper

138 100

108 10.9 9.7 14.5

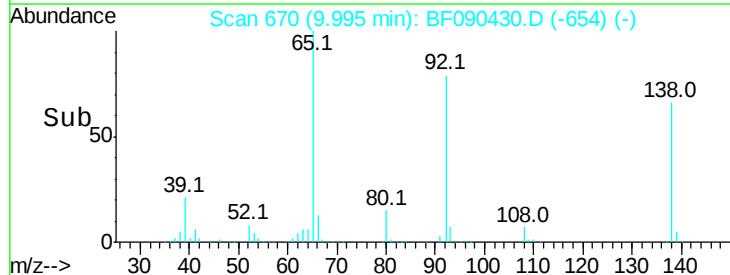
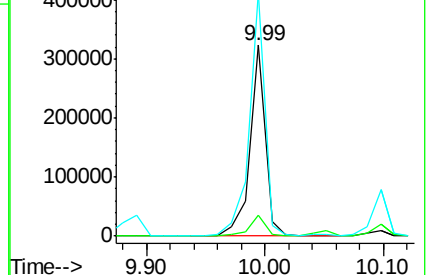
92 127.4 97.1 145.7

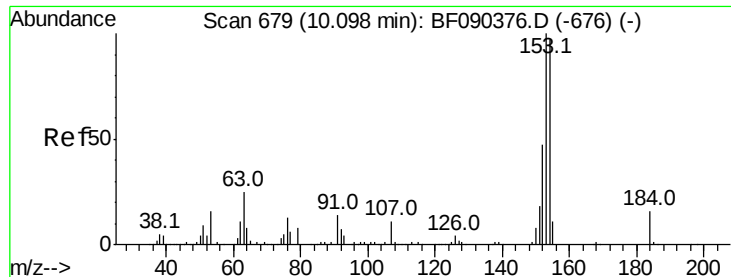


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





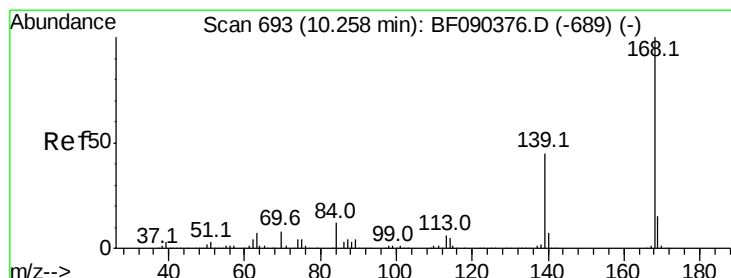
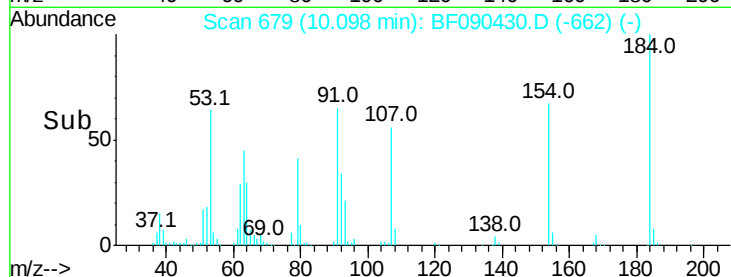
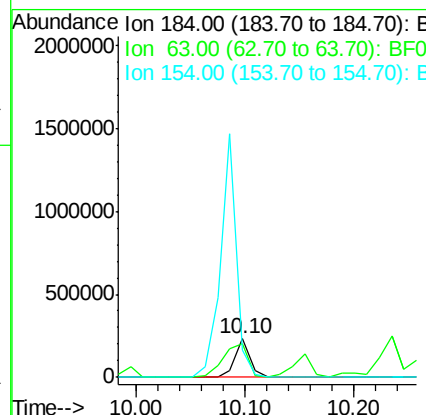
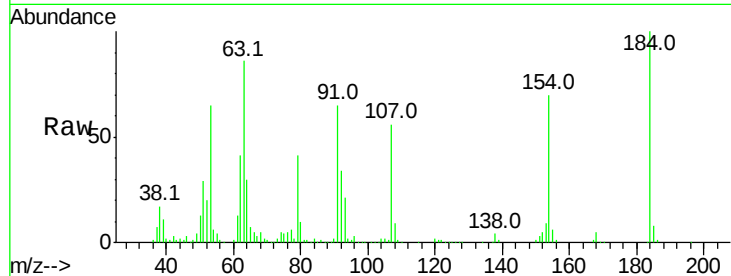
#53  
2,4-Dinitrophenol  
Concen: 68.52 ng  
RT: 10.10 min Scan# 679  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 220842 |       |       |
| 63      | 86.5  | 41.9   | 62.9# |       |
| 154     | 70.4  | 48.9   | 73.3  |       |

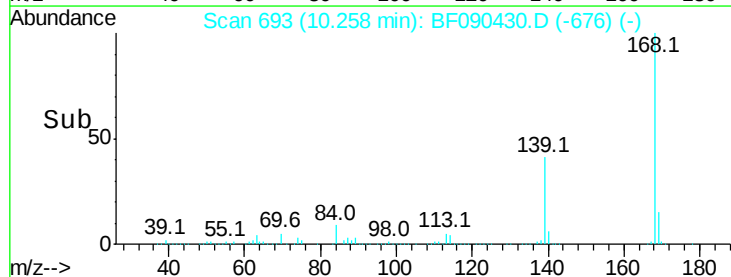
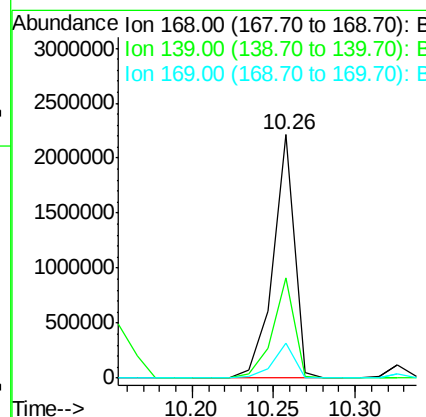
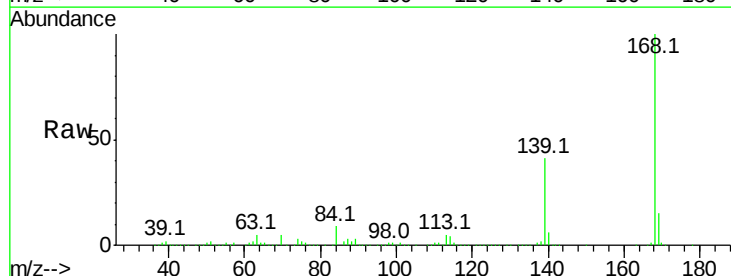
Manual Integrations  
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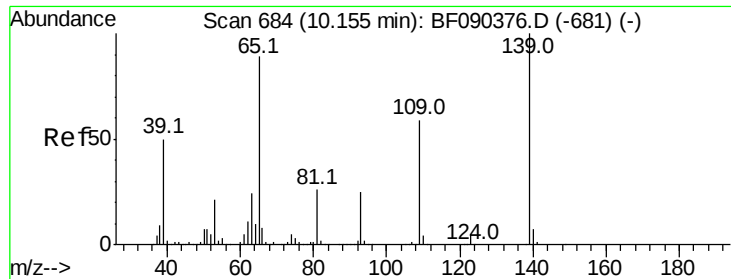
sohil  
10/7/2016 7:02:36 PM



#54  
Dibenzofuran  
Concen: 54.62 ng  
RT: 10.26 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 2024441 |       |       |
| 139     | 41.0  | 29.6    | 44.4  |       |
| 169     | 14.6  | 11.3    | 16.9  |       |





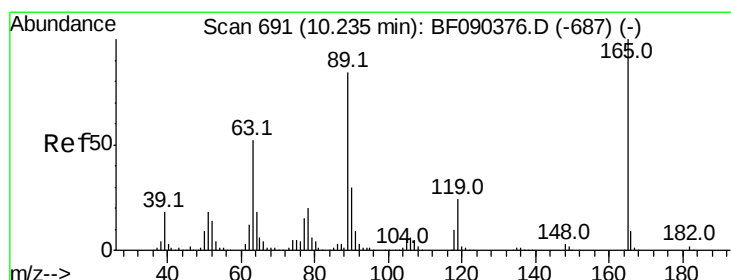
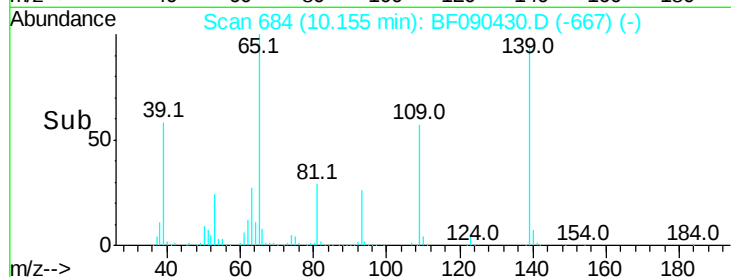
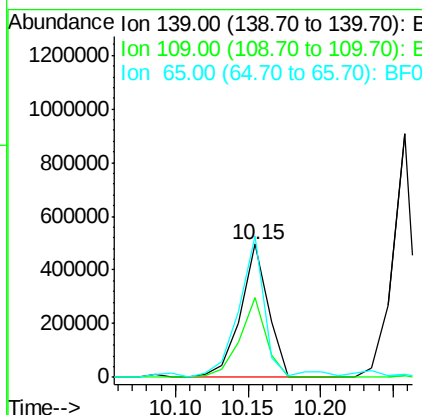
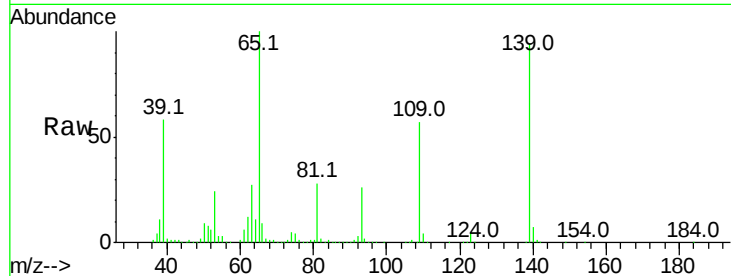
#55  
4-Nitrophenol  
Concen: 89.43 ng  
RT: 10.15 min Scan# 684  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 60.3  | 43.6  | 83.6  |
| 65      | 106.1 | 87.5  | 127.5 |

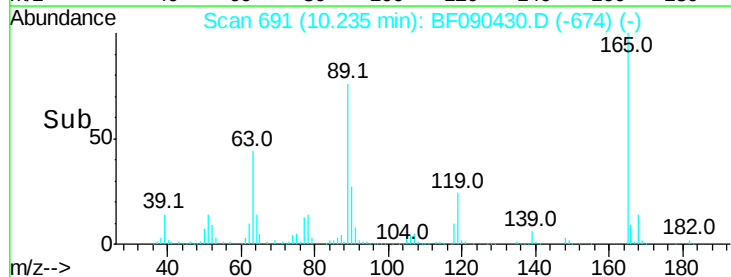
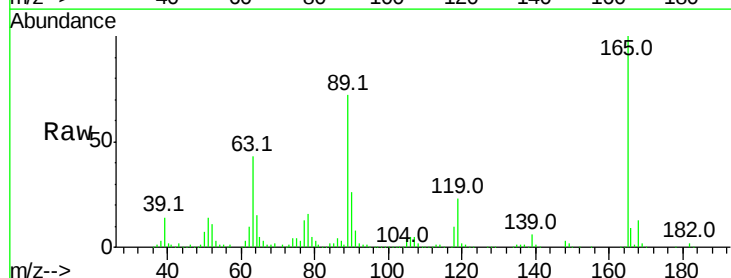
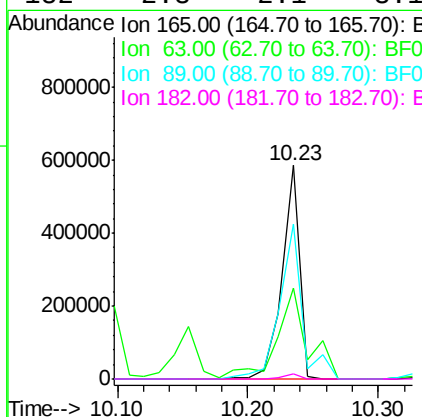
Manual Integrations  
APPROVED

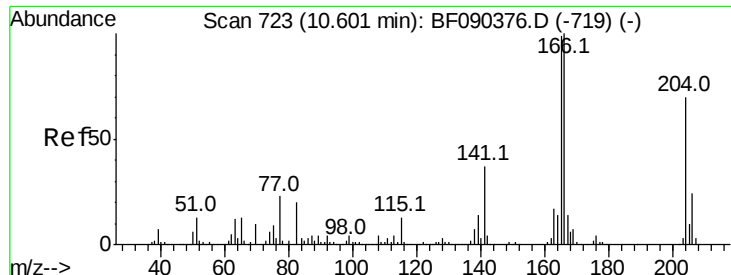
sohil  
10/7/2016 7:02:36 PM



#56  
2,4-Dinitrotoluene  
Concen: 57.25 ng  
RT: 10.23 min Scan# 691  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.5  | 17.8  | 26.6# |
| 89      | 72.4  | 33.2  | 49.8# |
| 182     | 2.3   | 2.1   | 3.1   |





#57

Fluorene

Concen: 51.54 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:166 Resp: 1605329

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

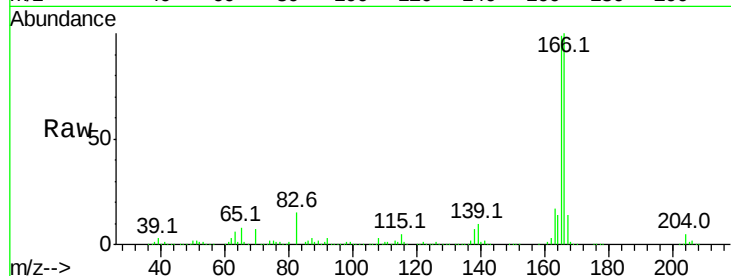
167 14.0 11.1 16.7

Manual Integrations

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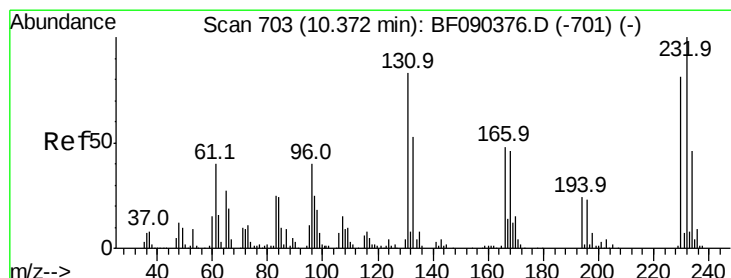
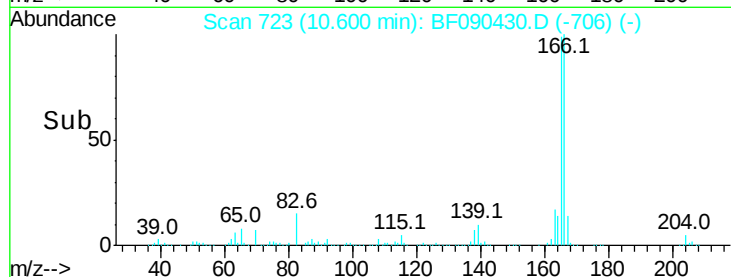
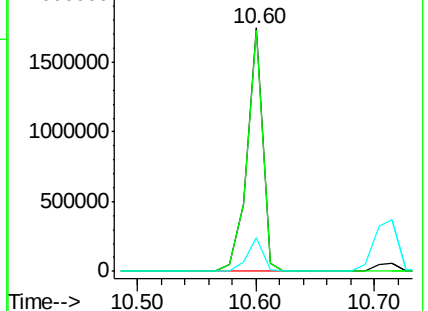
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.91 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tgt Ion:232 Resp: 404361

Ion Ratio Lower Upper

232 100

131 52.6 34.5 51.7#

130 2.3 1.6 2.4

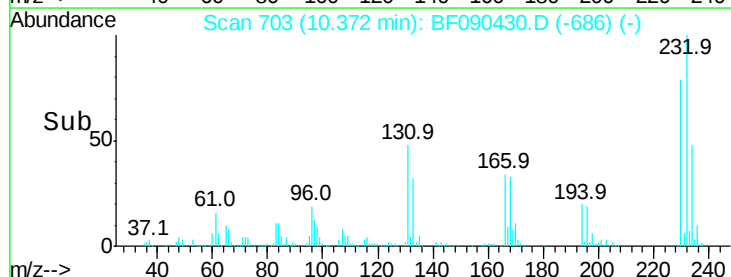
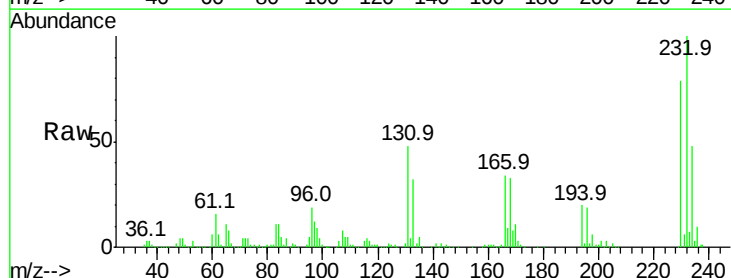
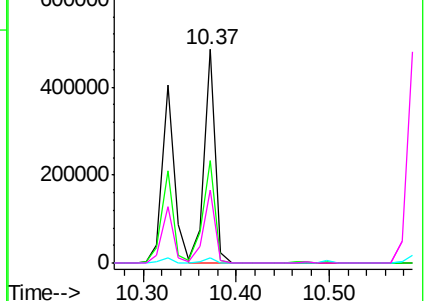
166 35.5 23.8 35.8

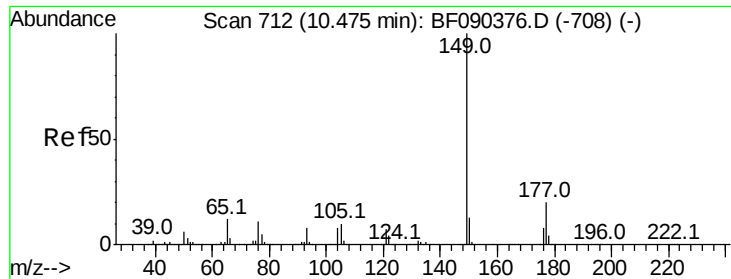
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





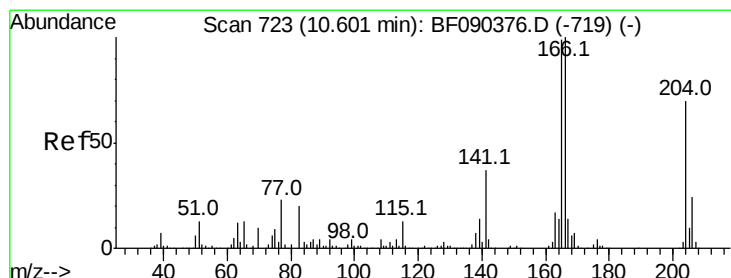
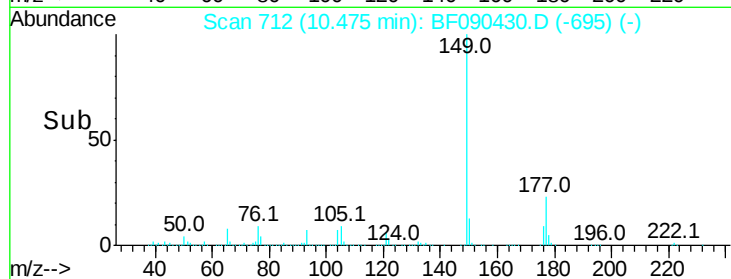
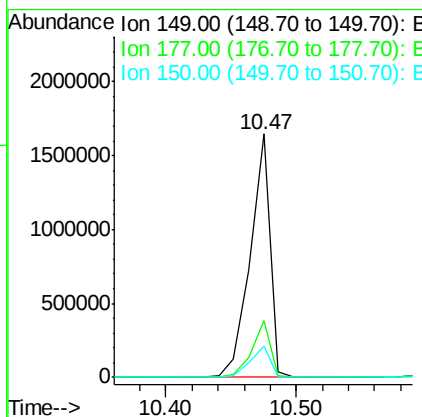
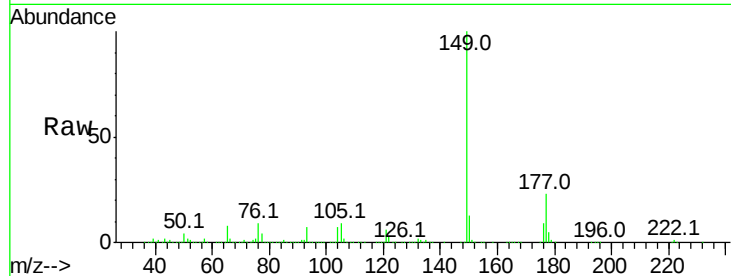
#59  
Diethylphthalate  
Concen: 51.58 ng  
RT: 10.47 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.4  | 21.1  | 31.7  |
| 150     | 12.7  | 10.2  | 15.2  |

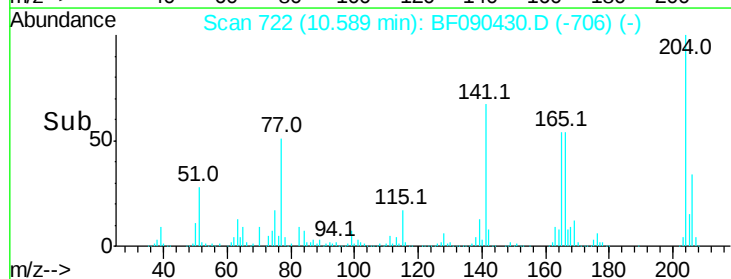
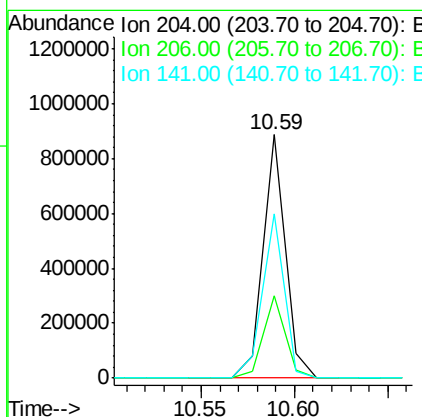
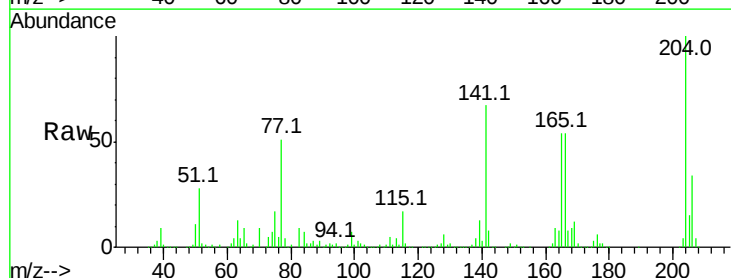
Manual Integrations  
APPROVED

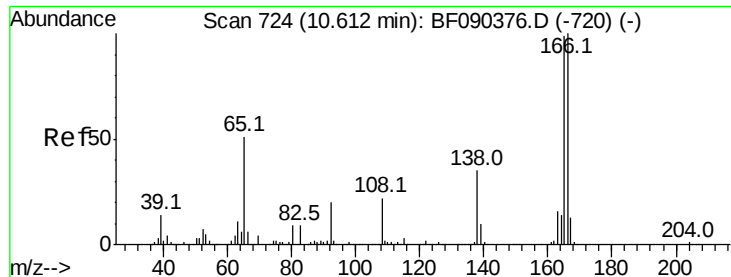
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#60  
4-Chlorophenyl-phenylether  
Concen: 51.39 ng  
RT: 10.59 min Scan# 722  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.8  | 26.7  | 40.1  |
| 141     | 67.3  | 51.7  | 77.5  |





#61

4-Nitroaniline

Concen: 42.86 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

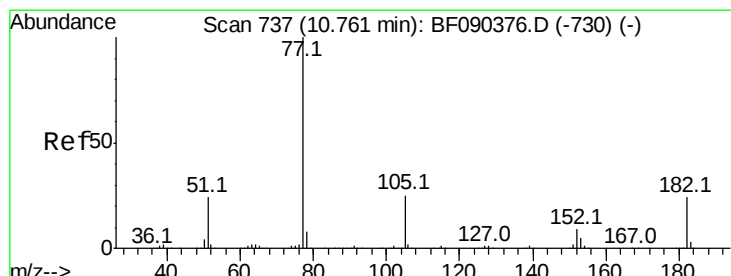
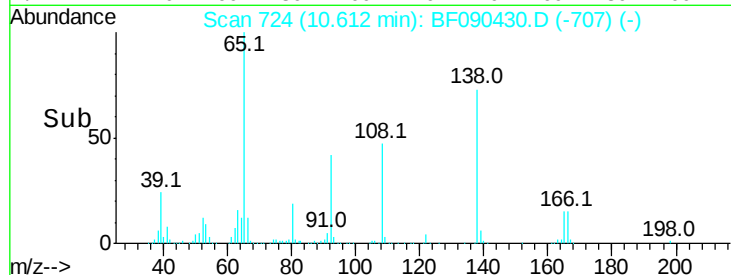
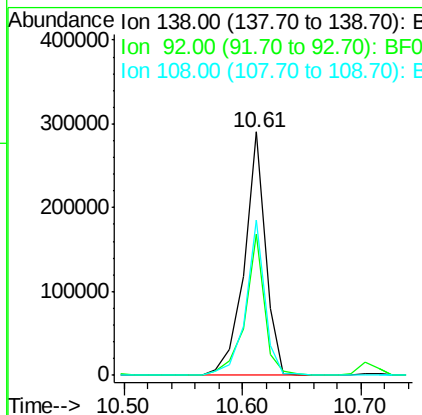
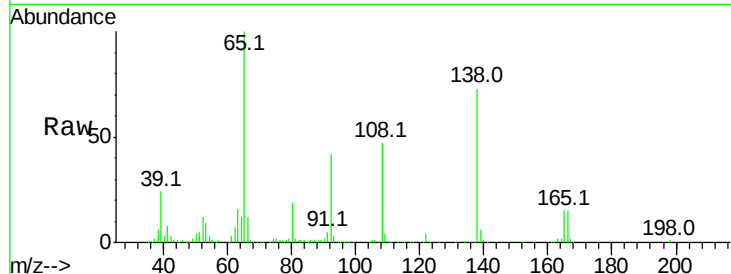
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 364651 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 58.0  | 33.2  | 73.2   |
| 108       | 63.9  | 48.5  | 88.5   |

Manual Integrations  
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#62

Azobenzene

Concen: 50.05 ng

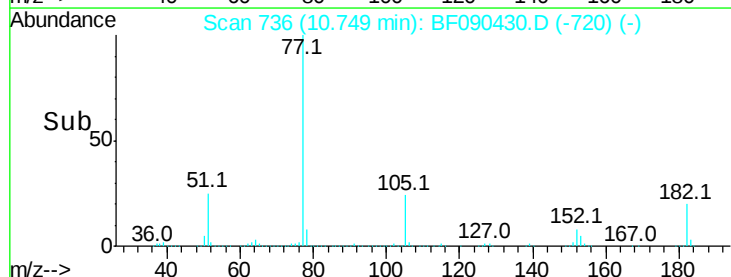
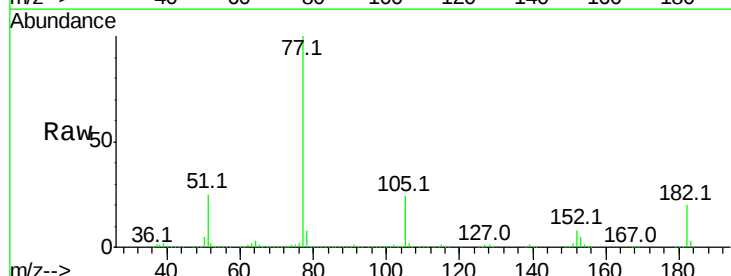
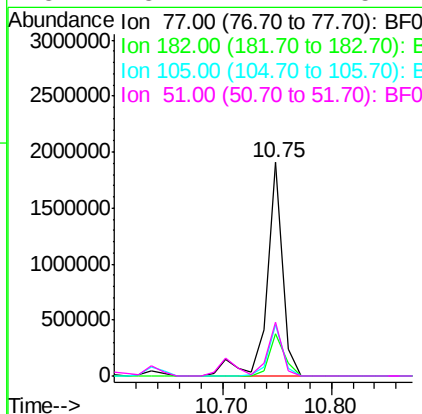
RT: 10.75 min Scan# 736

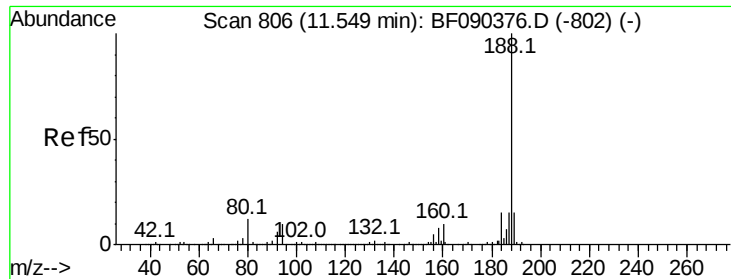
Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 77    | Resp: | 1947419 |
| Ion Ratio | Lower | Upper |         |
| 77        | 100   |       |         |
| 182       | 19.8  | 3.2   | 43.2    |
| 105       | 23.9  | 2.9   | 42.9    |
| 51        | 25.2  | 14.2  | 54.2    |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

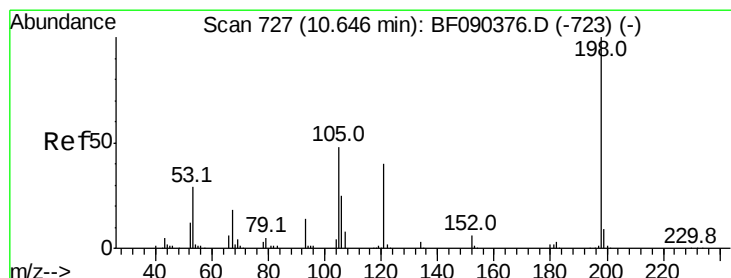
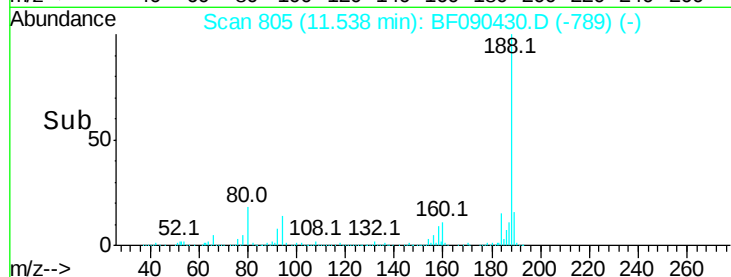
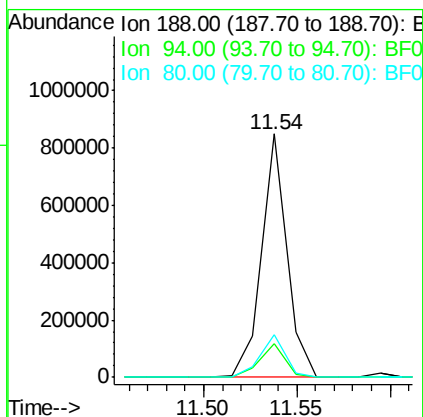
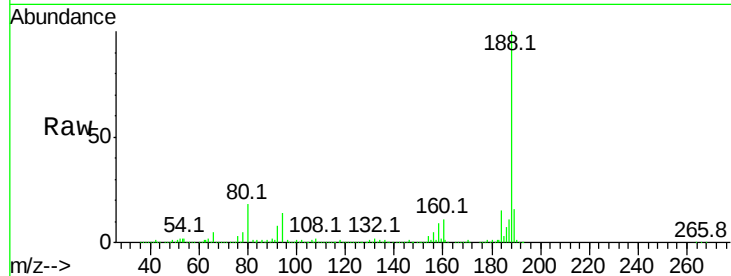
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 796435 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 13.8  | 8.2   | 12.2#  |
| 80        | 17.8  | 8.8   | 13.2#  |

Manual Integrations  
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#64

4,6-Dinitro-2-methylphenol

Concen: 35.59 ng

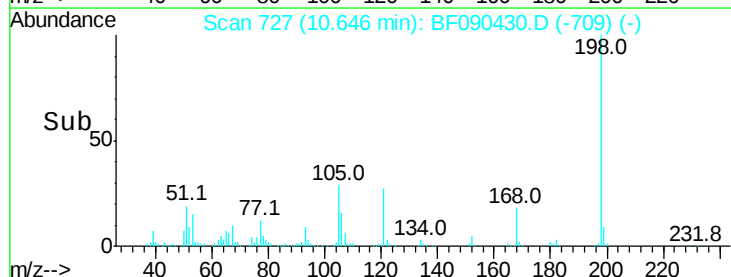
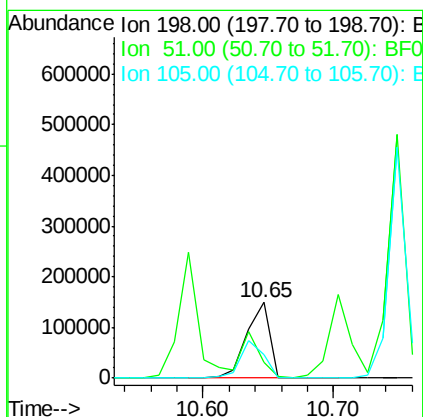
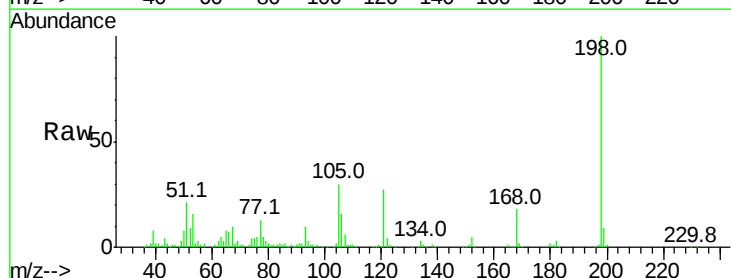
RT: 10.65 min Scan# 727

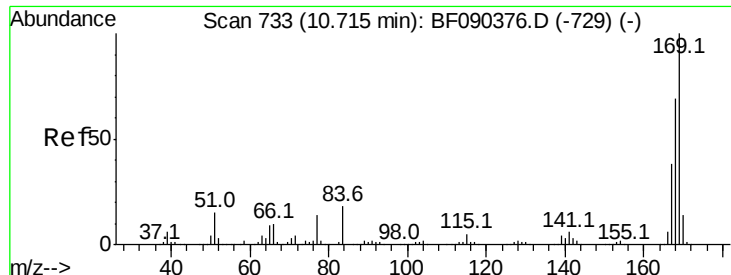
Delta R.T. 0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 182799 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 20.7  | 67.3  | 107.3# |
| 105       | 30.3  | 42.6  | 82.6#  |





#65

n-Nitrosodiphenylamine

Concen: 51.74 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:169 Resp: 1380826

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.6

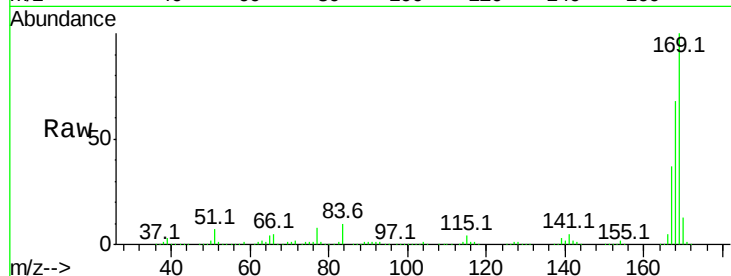
167 37.1 29.8 44.8

Manual Integrations

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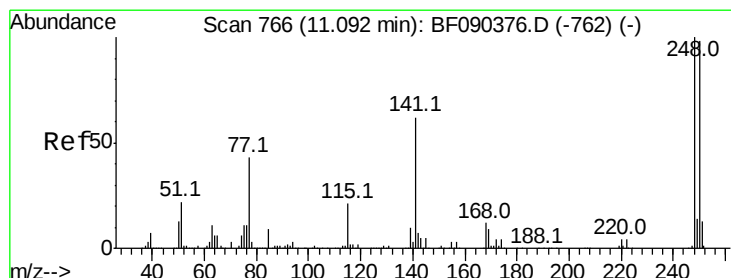
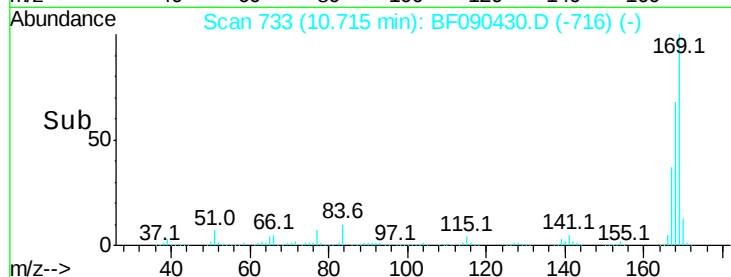
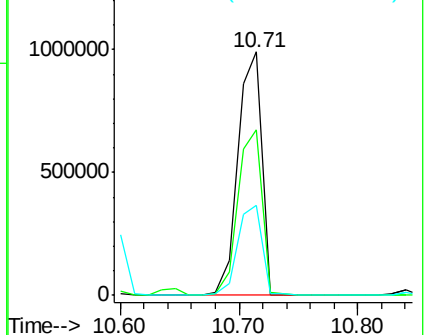
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 53.88 ng

RT: 11.08 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

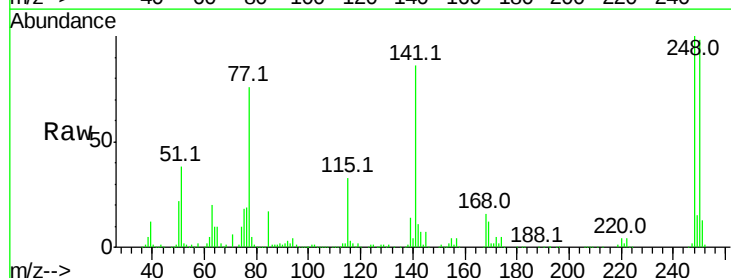
Tgt Ion:248 Resp: 420631

Ion Ratio Lower Upper

248 100

250 97.8 76.5 114.7

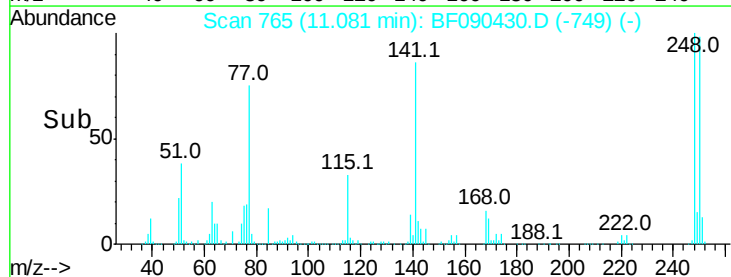
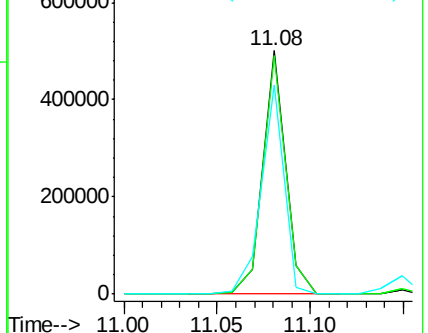
141 86.1 59.8 89.6

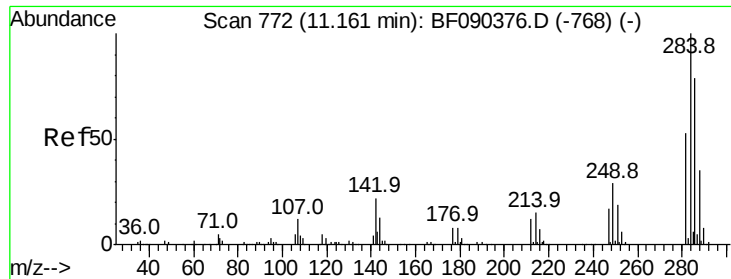


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





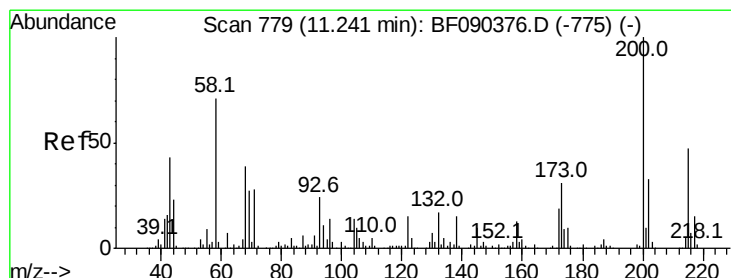
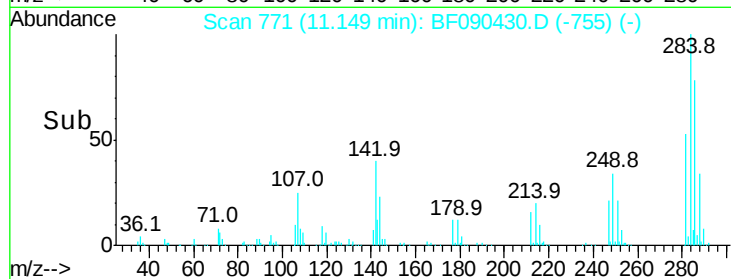
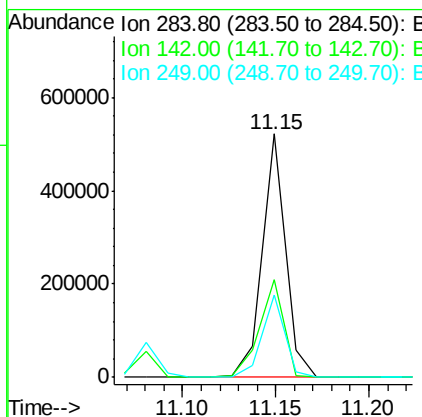
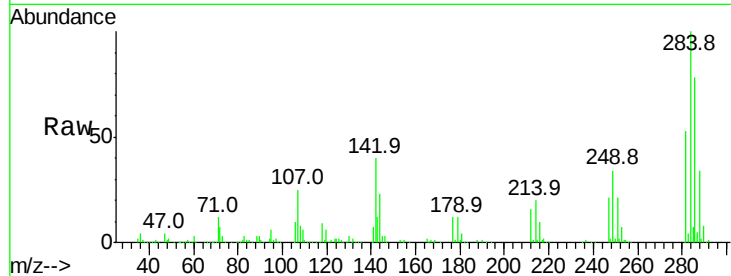
#67  
Hexachlorobenzene  
Concen: 51.54 ng  
RT: 11.15 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 40.1  | 23.1 | 34.7# |       |
| 249     | 33.7  | 26.3 | 39.5  |       |

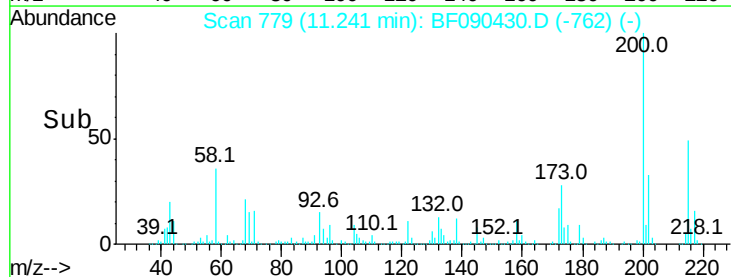
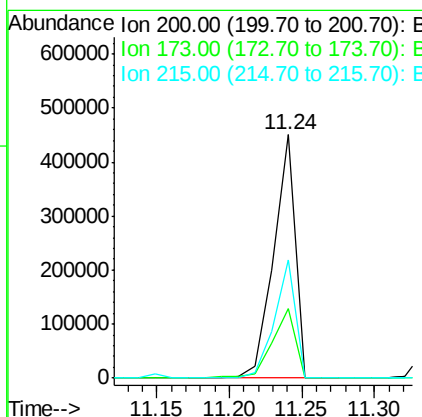
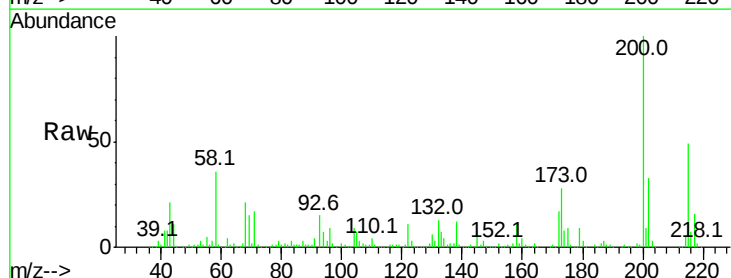
Manual Integrations  
APPROVED

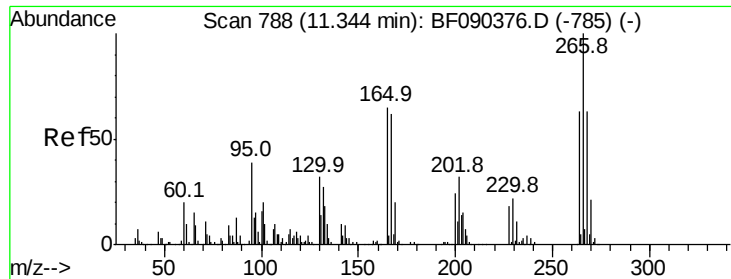
sohil  
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#68  
Atrazine  
Concen: 70.51 ng  
RT: 11.24 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 28.5  | 9.0  | 49.0  |       |
| 215     | 48.6  | 24.8 | 64.8  |       |





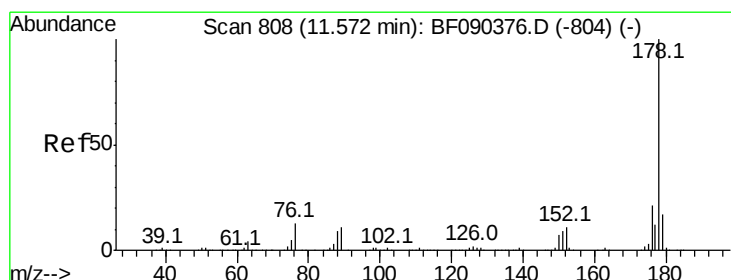
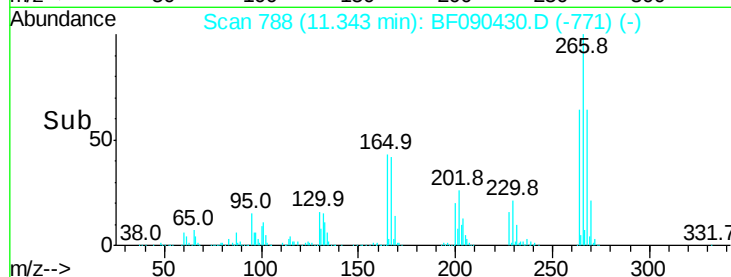
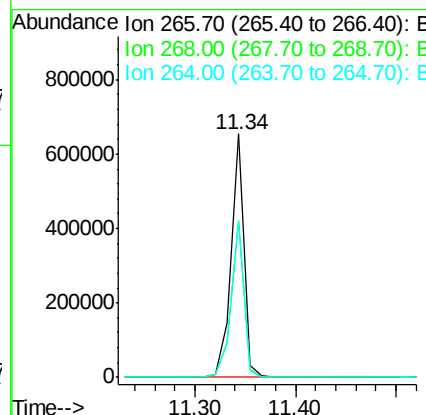
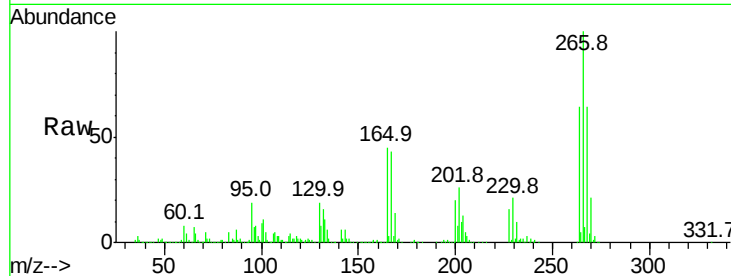
#69  
 Pentachlorophenol  
 Concen: 112.90 ng  
 RT: 11.34 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 584263 |       |       |
| 268     | 64.0  |        | 50.9  | 76.3  |
| 264     | 64.5  |        | 51.5  | 77.3  |

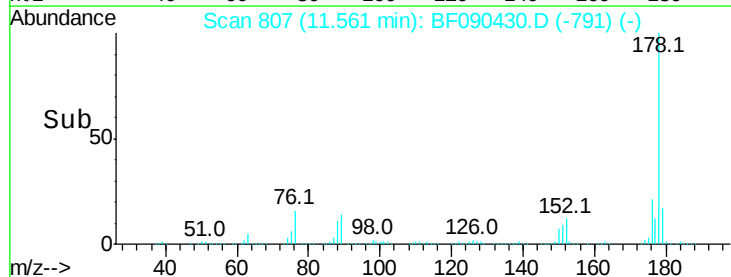
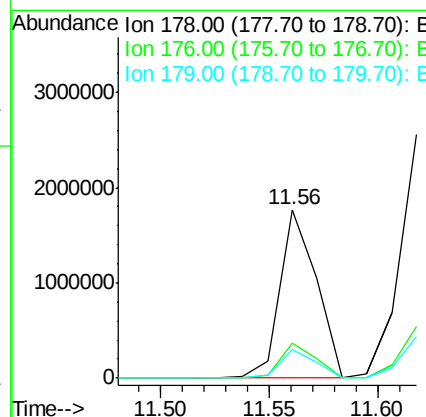
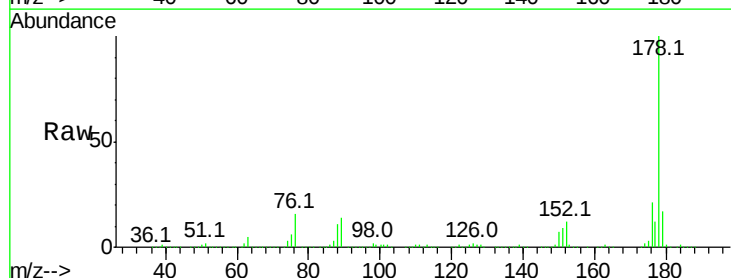
Manual Integrations  
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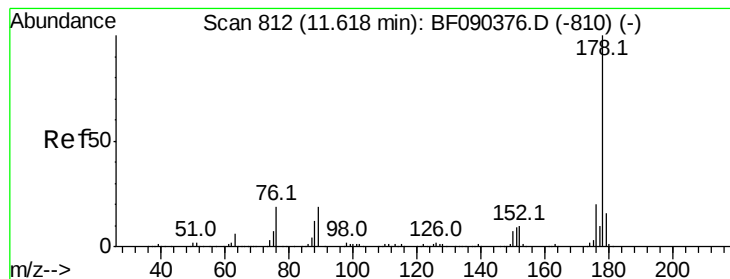
sohil  
 10/7/2016 7:02:36 PM



#70  
 Phenanthrene  
 Concen: 50.68 ng  
 RT: 11.56 min Scan# 807  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 2066784 |       |       |
| 176     | 20.6  |         | 17.3  | 25.9  |
| 179     | 16.6  |         | 13.8  | 20.6  |





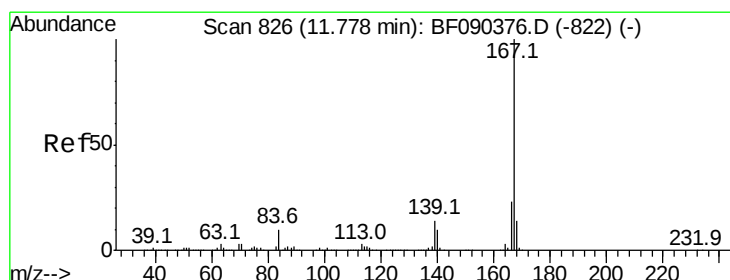
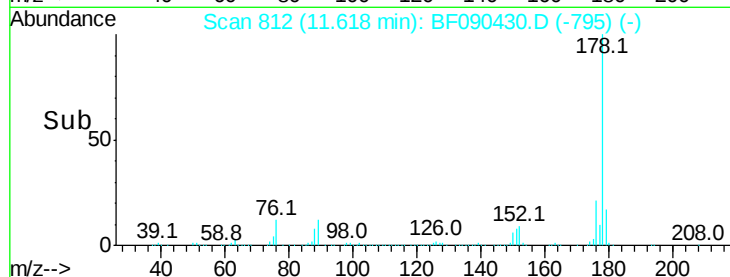
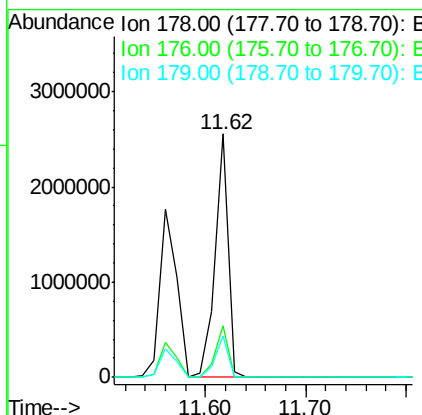
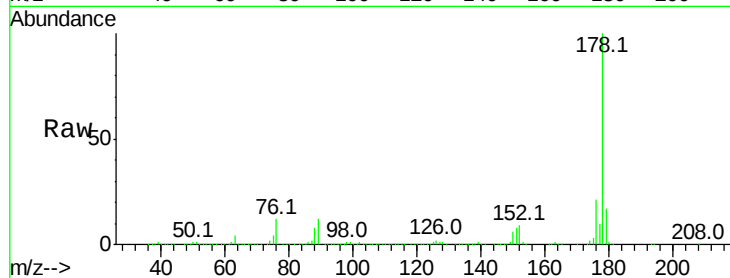
#71  
 Anthracene  
 Concen: 55.34 ng  
 RT: 11.62 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 16.8  | 25.2  |
| 179     | 17.0  | 13.4  | 20.2  |

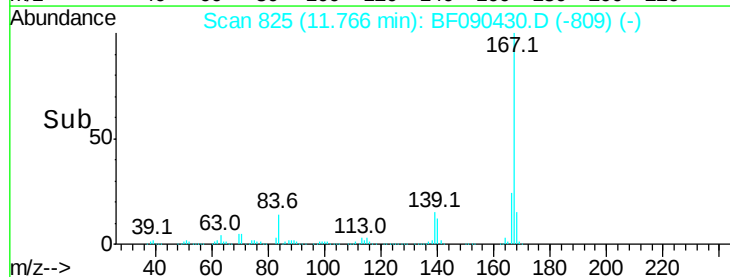
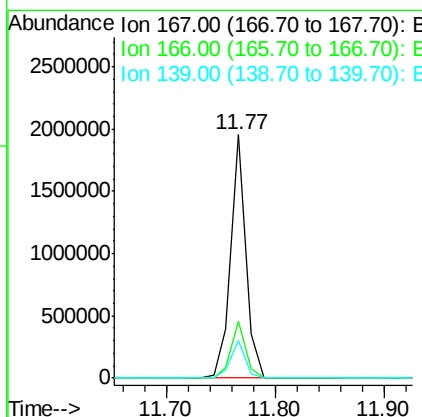
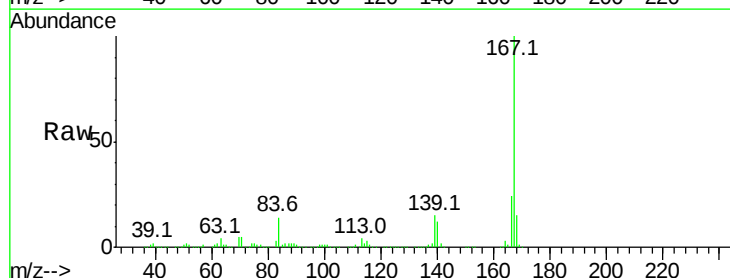
Manual Integrations  
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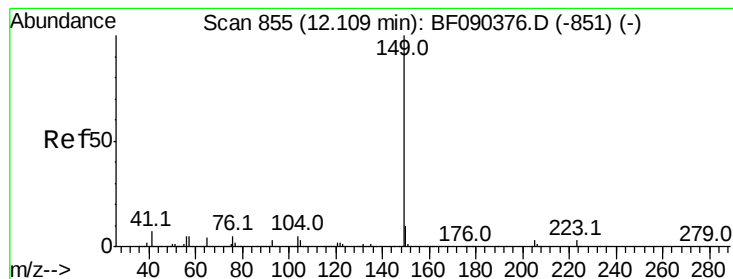
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#72  
 Carbazole  
 Concen: 48.41 ng  
 RT: 11.77 min Scan# 825  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.5  | 19.1  | 28.7  |
| 139     | 15.4  | 12.1  | 18.1  |





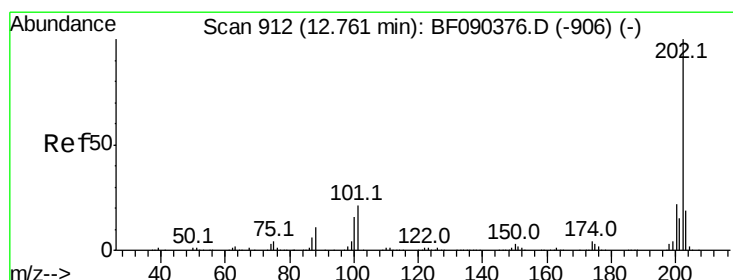
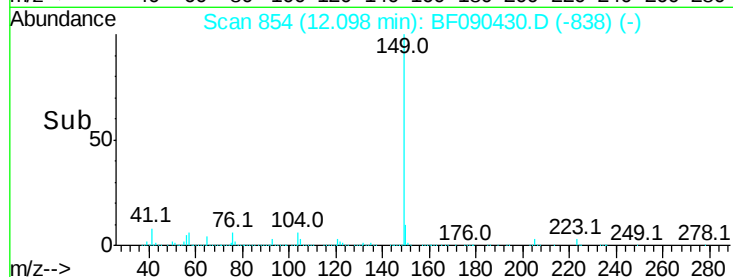
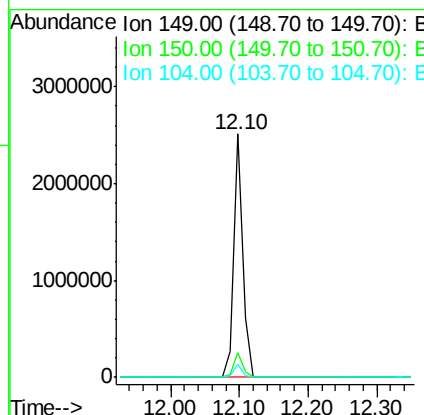
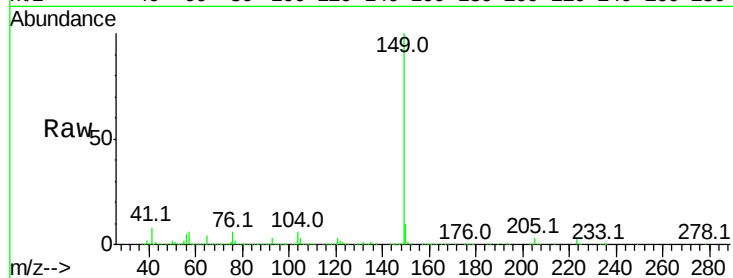
#73  
Di-n-butylphthalate  
Concen: 49.60 ng  
RT: 12.10 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:149 Resp: 2335632  
Ion Ratio Lower Upper  
149 100  
150 10.3 8.6 12.8  
104 5.5 4.7 7.1

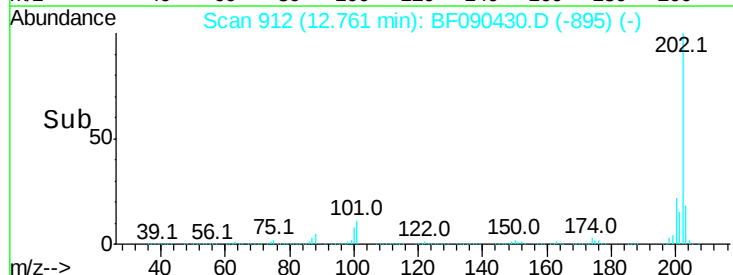
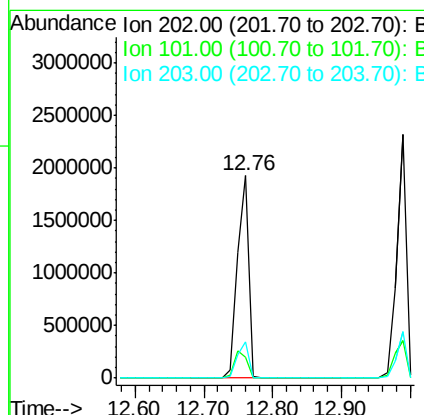
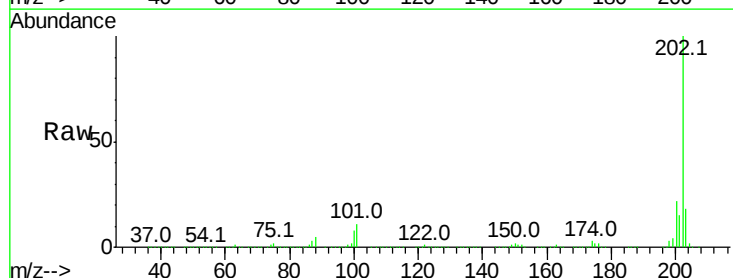
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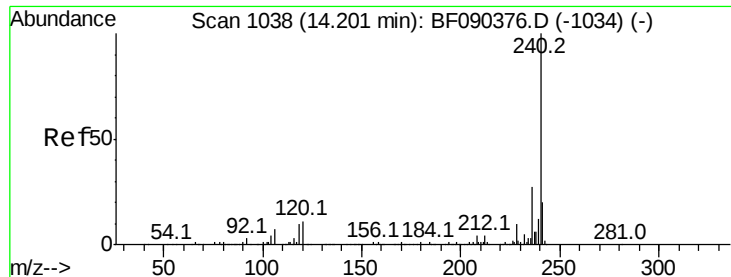
sohil  
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#74  
Fluoranthene  
Concen: 55.27 ng  
RT: 12.76 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Tgt Ion:202 Resp: 2210865  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 37.2  
203 18.2 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA\_F

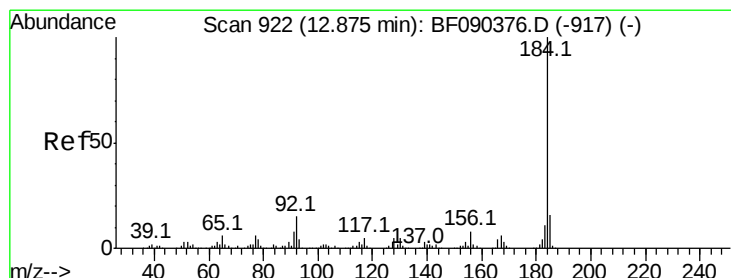
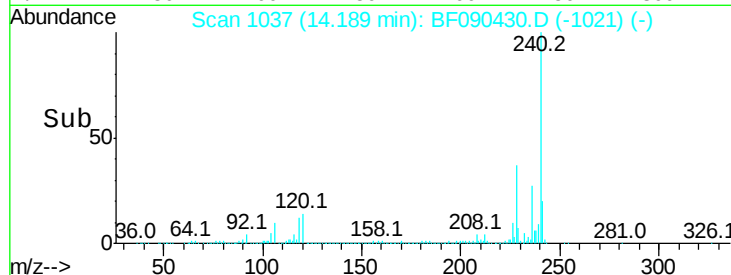
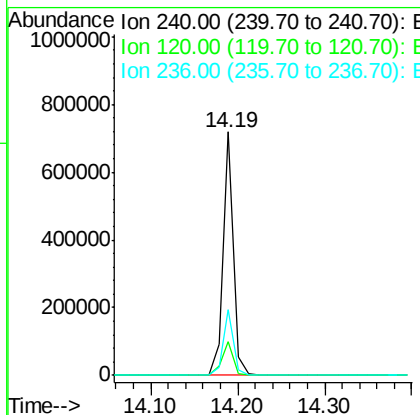
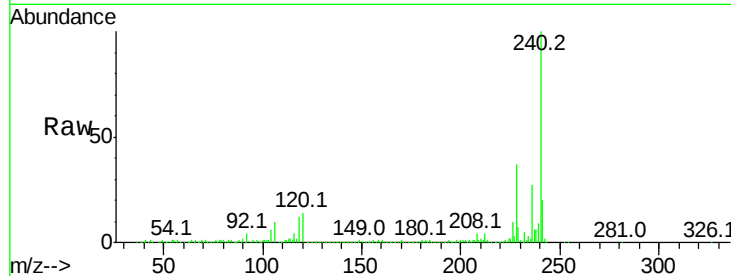
ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 601361 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 13.8  | 8.6   | 13.0#  |
| 236       | 27.1  | 21.6  | 32.4   |

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#76

Benzidine

Concen: 67.10 ng

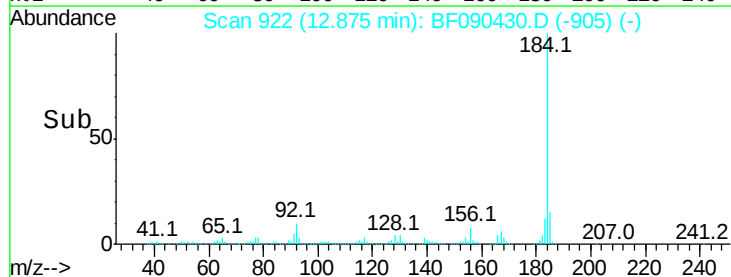
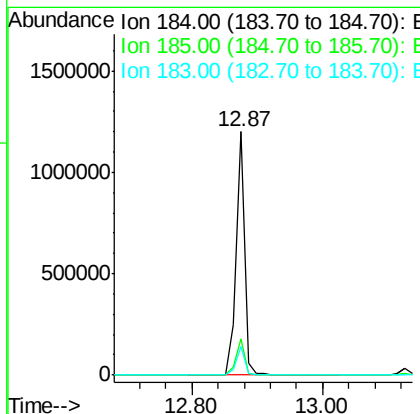
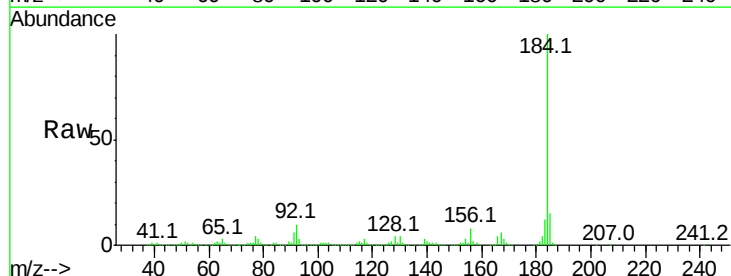
RT: 12.87 min Scan# 922

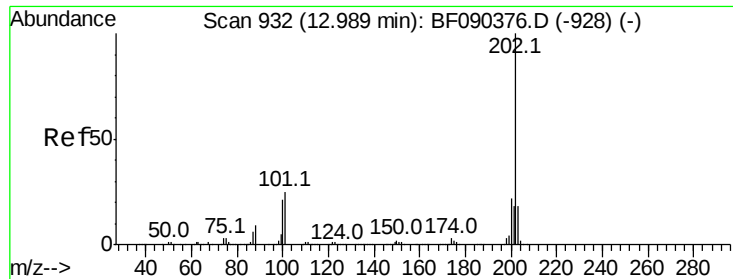
Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 184   | Resp: | 1061018 |
| Ion Ratio | Lower | Upper |         |
| 184       | 100   |       |         |
| 185       | 14.9  | 11.8  | 17.8    |
| 183       | 12.0  | 9.6   | 14.4    |





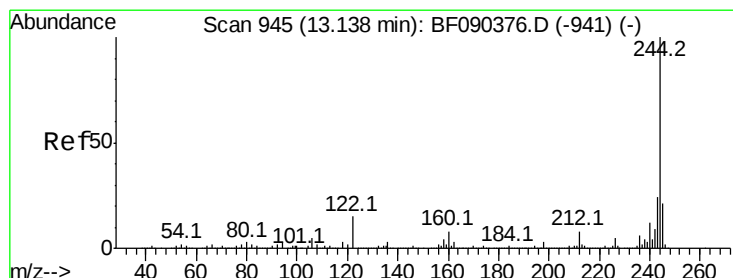
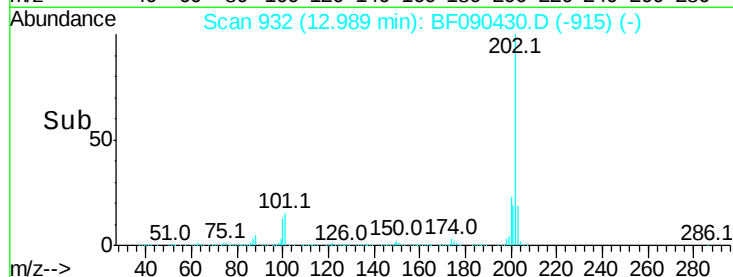
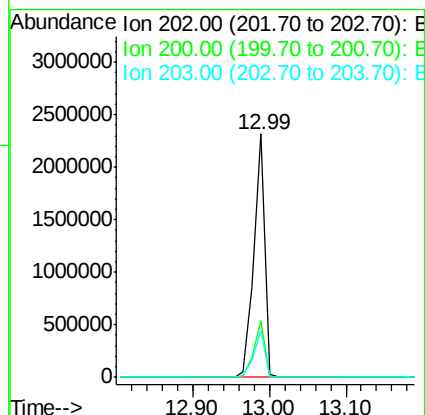
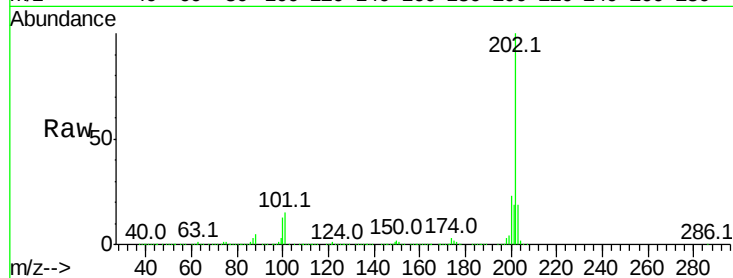
#77  
Pvrene  
Concen: 55.88 ng  
RT: 12.99 min Scan# 932  
Delta R.T. -0.00 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:202 Resp: 2240814  
Ion Ratio Lower Upper  
202 100  
200 23.2 18.5 27.7  
203 18.9 15.0 22.6

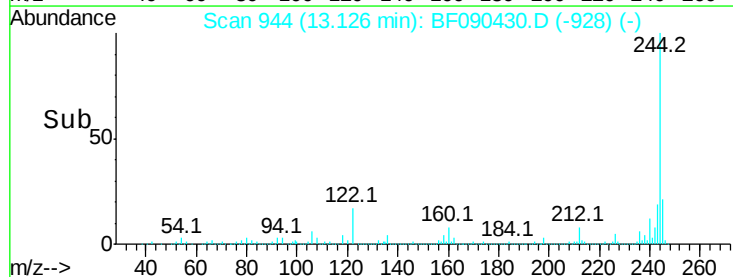
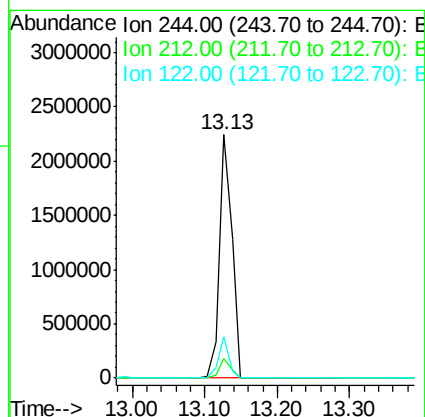
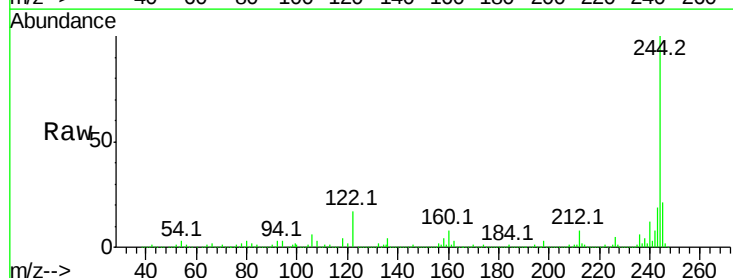
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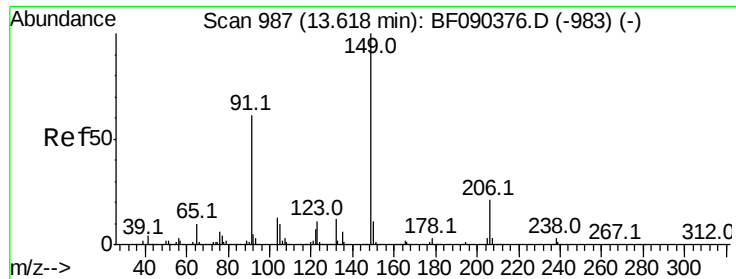
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#78  
Terphenyl-d14  
Concen: 99.54 ng  
RT: 13.13 min Scan# 944  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Tgt Ion:244 Resp: 2662610  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.8 10.2  
122 17.1 13.3 19.9





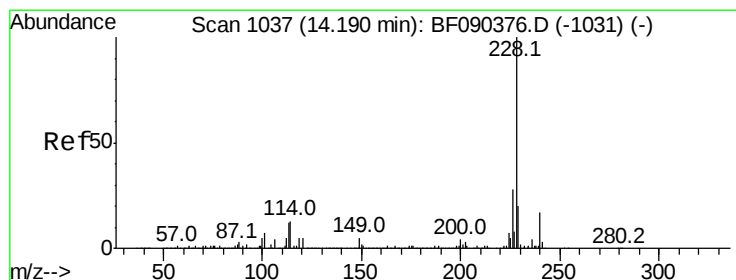
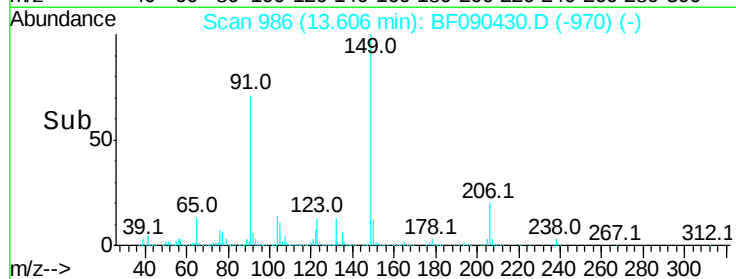
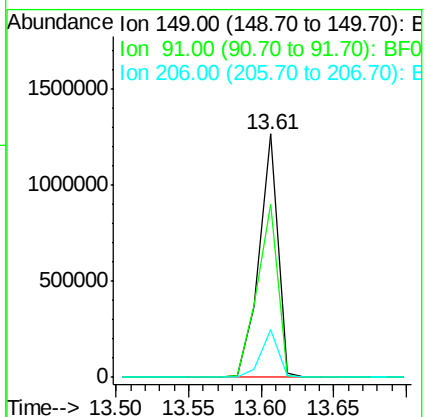
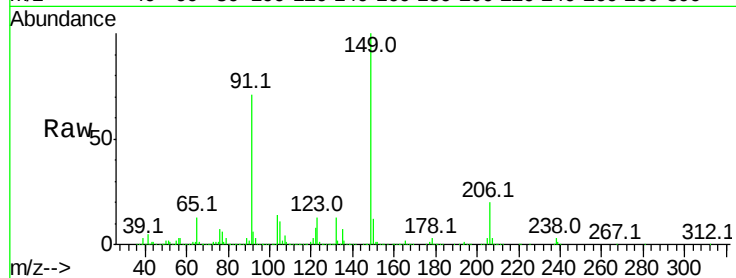
#79  
Butylbenzylphthalate  
Concen: 55.29 ng  
RT: 13.61 min Scan# 986  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.2  | 51.8  | 77.8  |
| 206     | 19.7  | 18.0  | 27.0  |

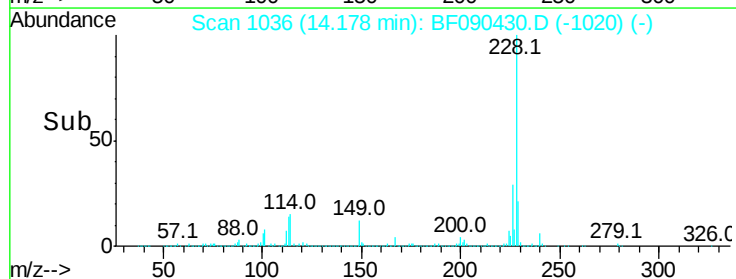
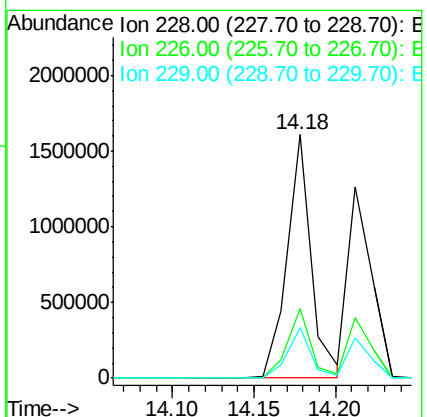
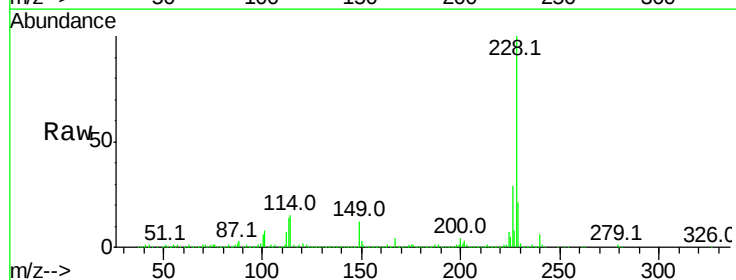
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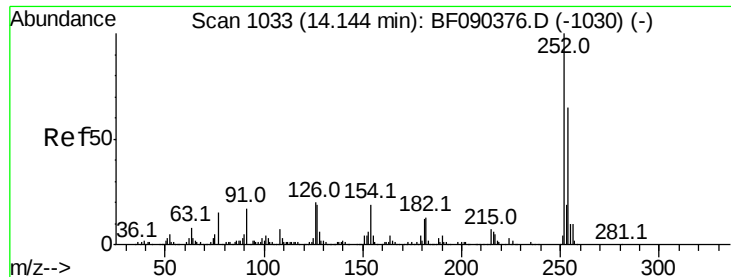
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#80  
Benzo(a)anthracene  
Concen: 49.24 ng  
RT: 14.18 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 23.6  | 35.4  |
| 229     | 20.8  | 16.6  | 25.0  |





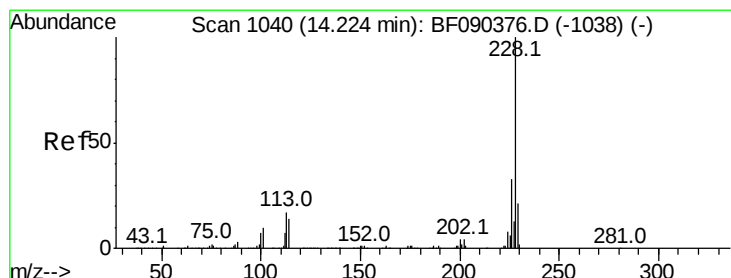
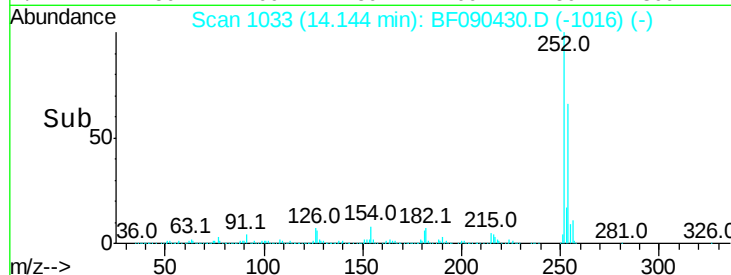
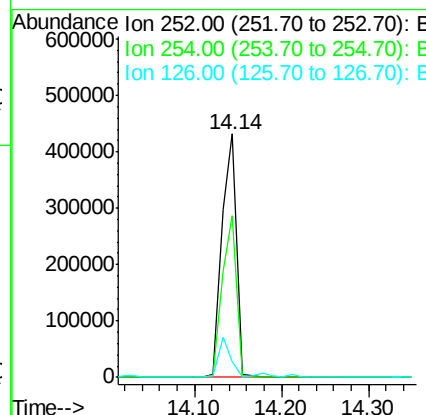
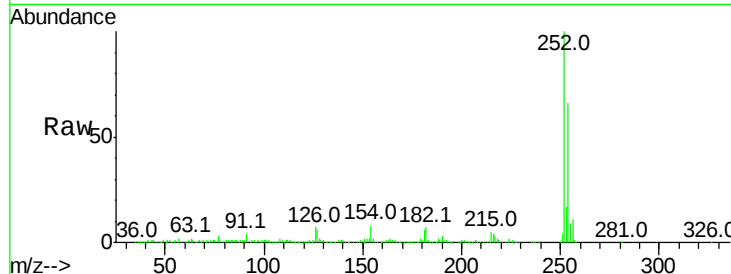
#81  
 3,3'-Dichlorobenzidine  
 Concen: 42.03 ng  
 RT: 14.14 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.4  | 52.1  | 78.1  |
| 126     | 6.7   | 4.2   | 6.4   |

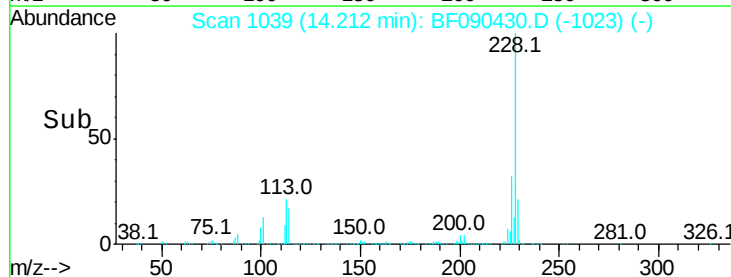
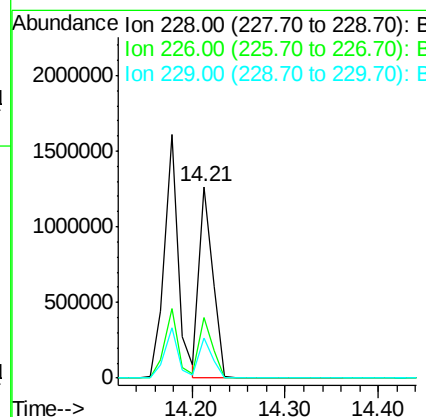
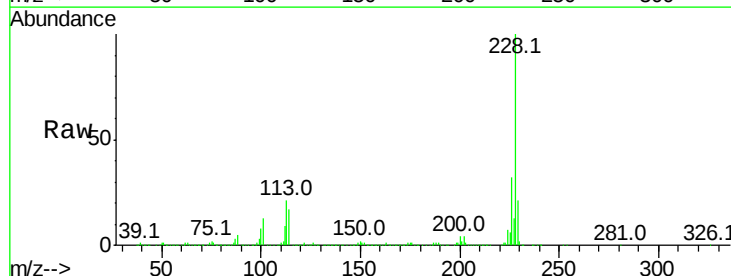
Manual Integrations  
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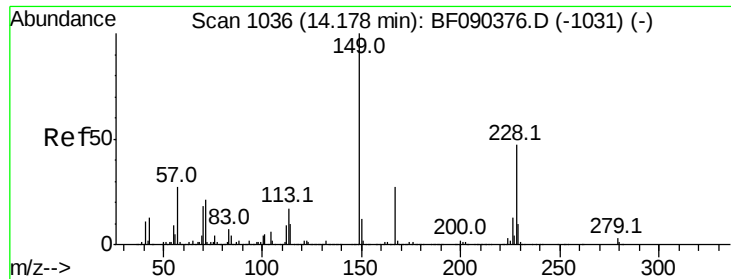
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#82  
 Chrysene  
 Concen: 41.85 ng  
 RT: 14.21 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.0  | 25.8  | 38.6  |
| 229     | 20.9  | 16.9  | 25.3  |





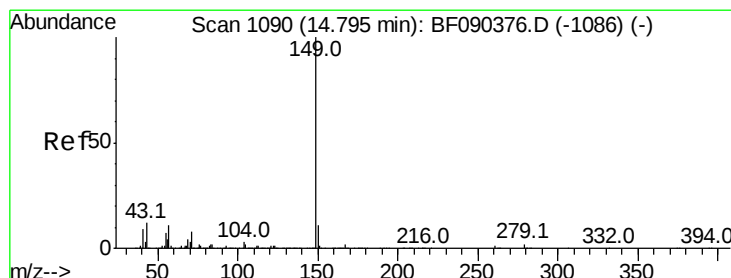
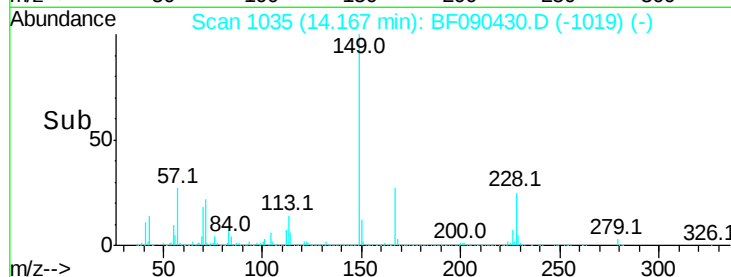
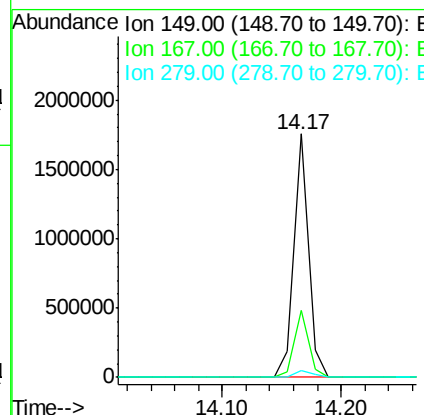
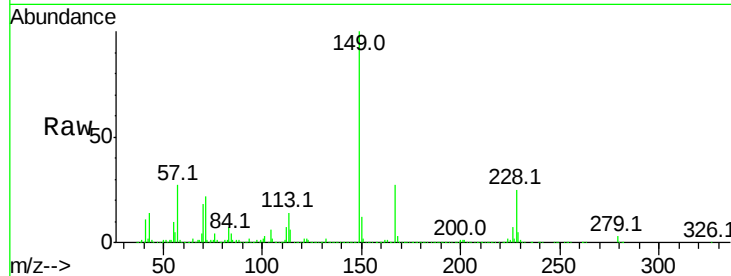
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.49 ng  
 RT: 14.17 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:149 Resp: 1476685  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 21.5 32.3  
 279 2.6 2.6 3.8

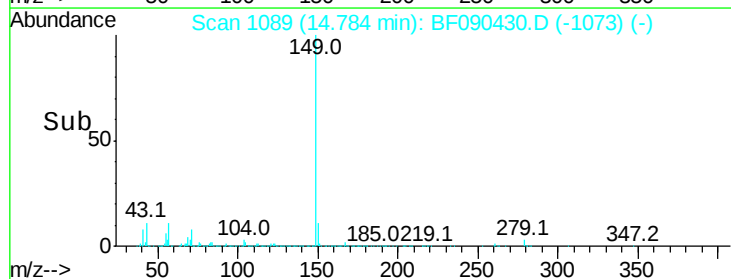
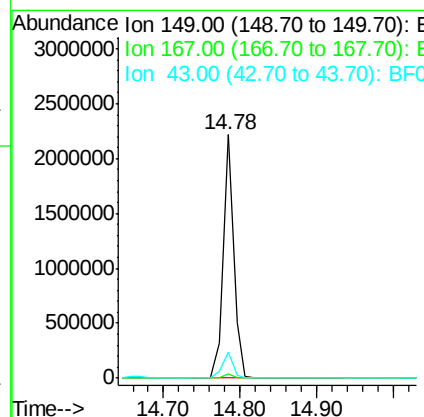
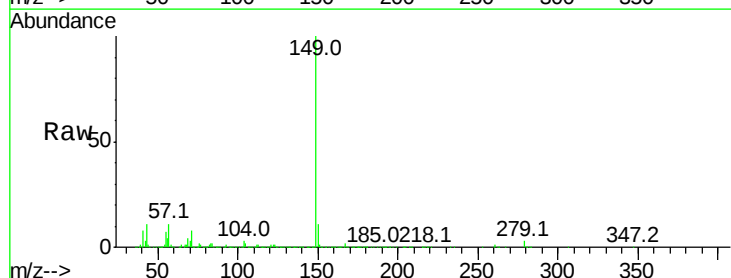
Manual Integrations  
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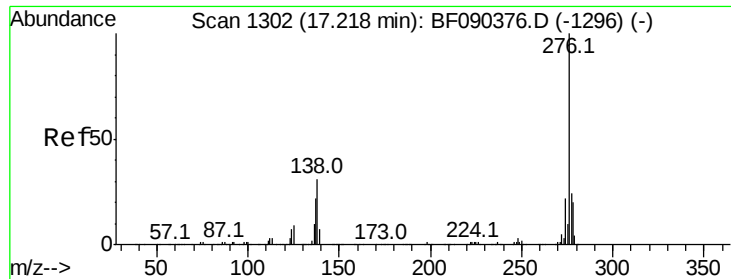
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#84  
 Di-n-octyl phthalate  
 Concen: 48.46 ng  
 RT: 14.78 min Scan# 1089  
 Delta R.T. -0.01 min  
 Lab File: BF090430.D  
 Acq: 6 Oct 2016 20:47

Tgt Ion:149 Resp: 2100949  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 10.8 11.8 17.8#





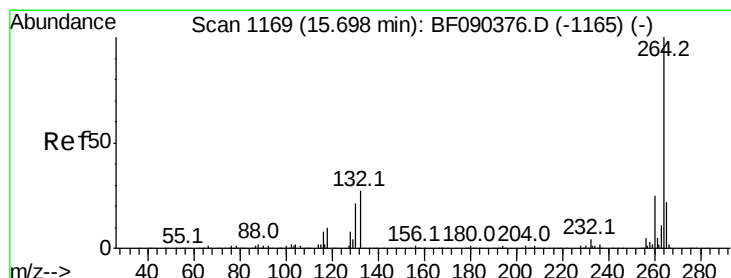
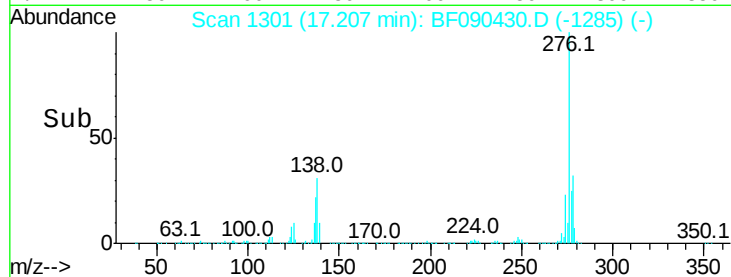
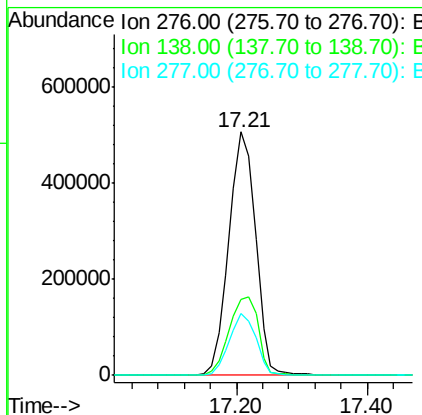
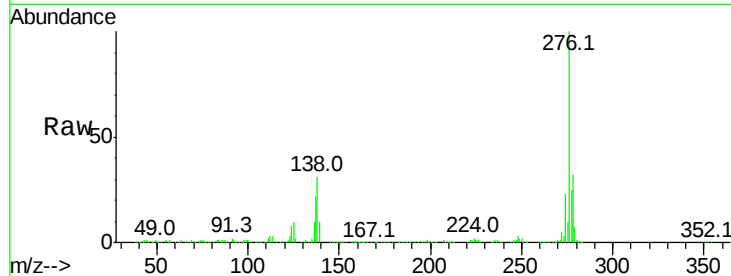
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 65.10 ng  
RT: 17.21 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 35.3  | 23.8  | 35.8  |
| 277     | 25.4  | 20.4  | 30.6  |

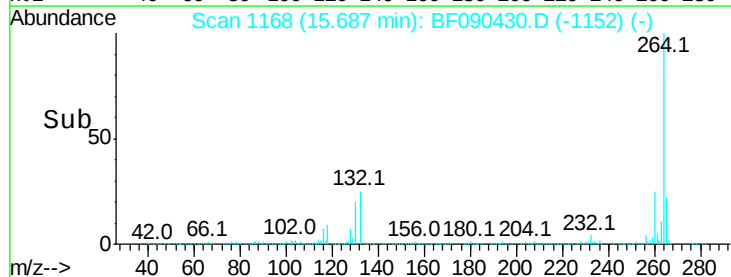
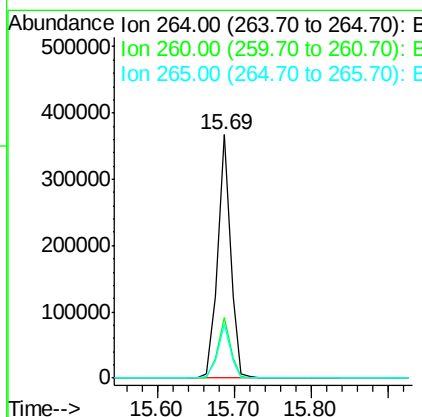
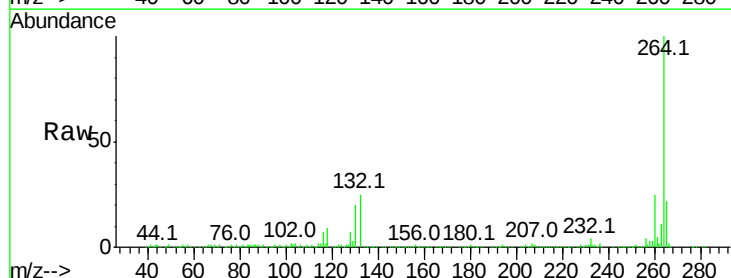
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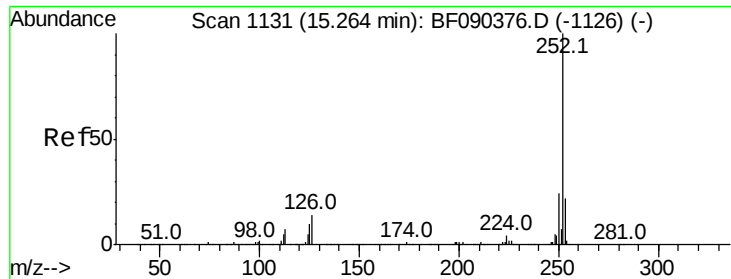
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.69 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.1  | 19.3  | 28.9  |
| 265     | 22.2  | 17.4  | 26.0  |





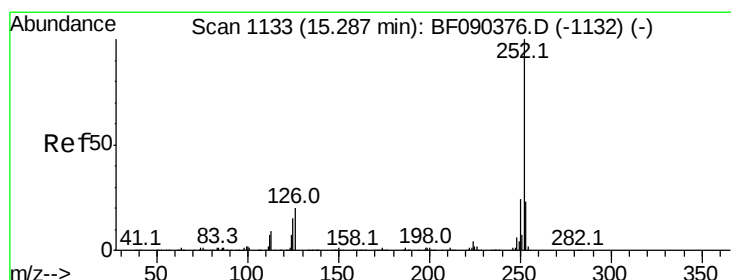
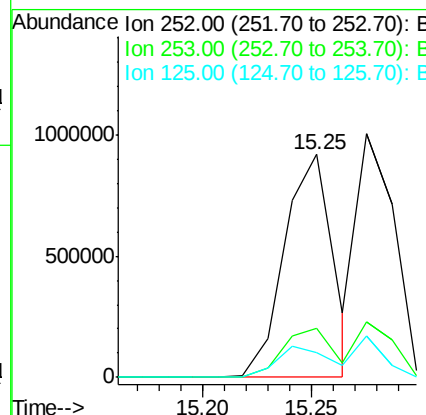
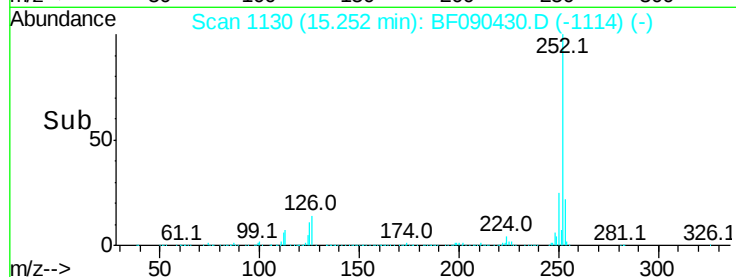
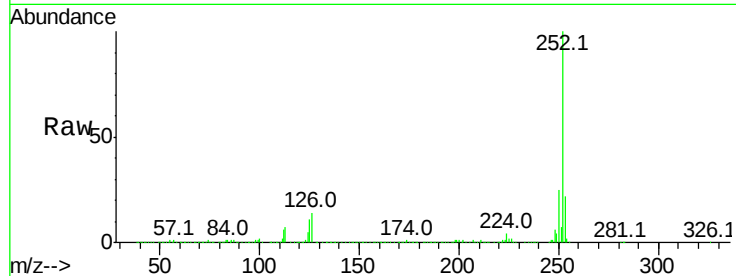
#87  
Benzo(b)fluoranthene  
Concen: 51.67 ng  
RT: 15.25 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:252 Resp: 1427917  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.2 27.2  
125 10.9 7.0 10.4#

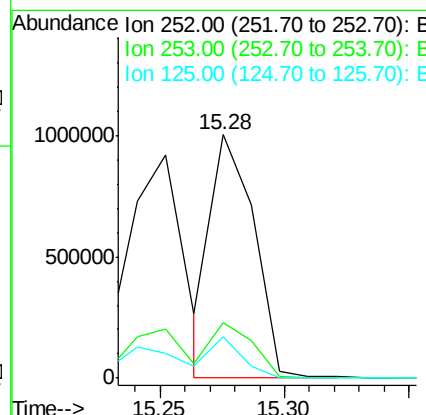
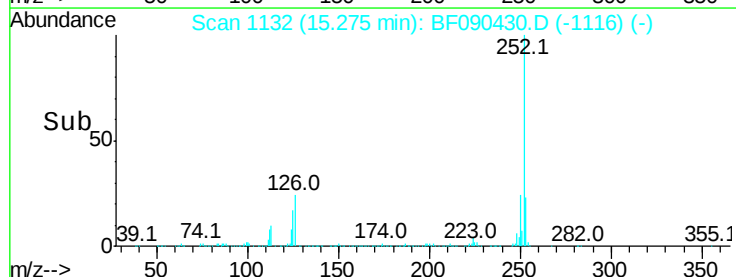
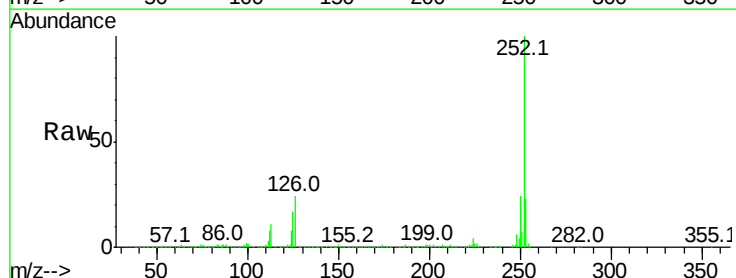
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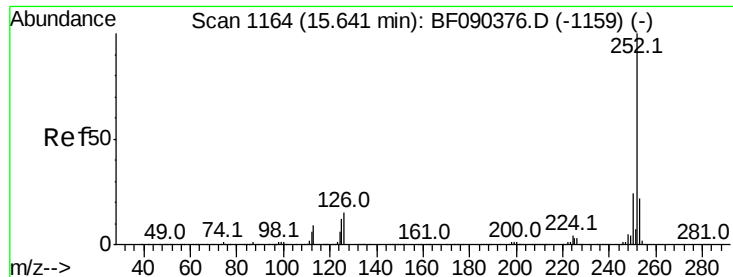
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#88  
Benzo(k)fluoranthene  
Concen: 46.47 ng m  
RT: 15.28 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Tgt Ion:252 Resp: 1206240  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.6 27.8  
125 17.0 11.7 17.5





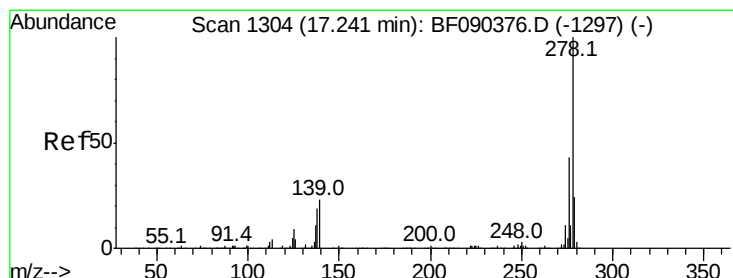
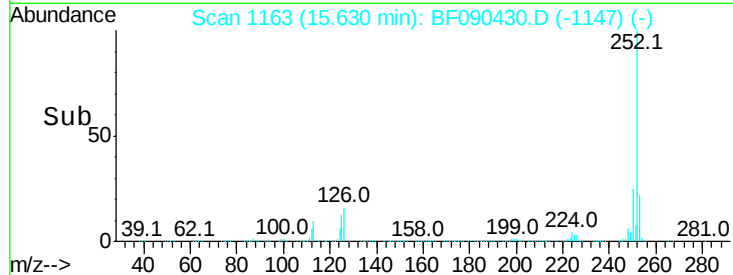
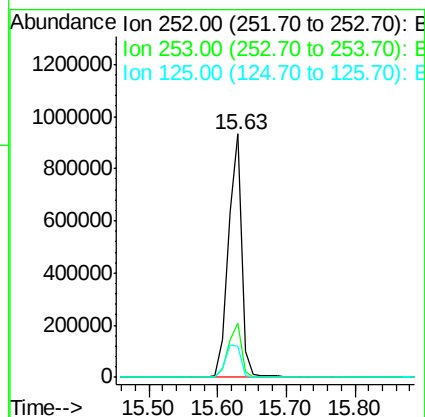
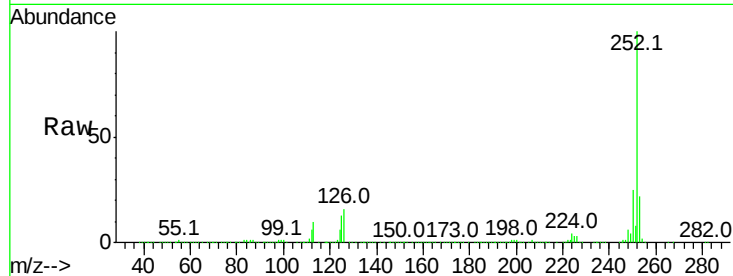
#89  
Benzo(a)pyrene  
Concen: 53.26 ng  
RT: 15.63 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Instrument :  
BNA\_F  
ClientSampleId :  
BRAEN-AGGS-CLEAN-BORROWMS

Tot Ion:252 Resp: 1268673  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.2 27.4  
125 13.0 9.8 14.8

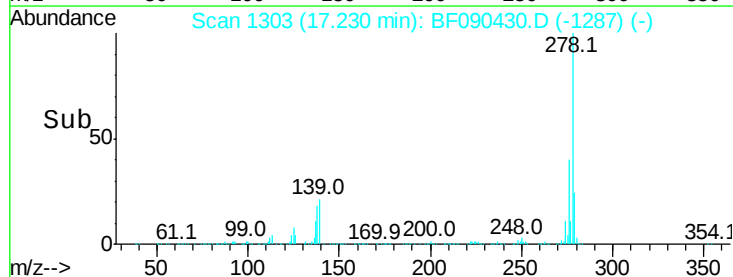
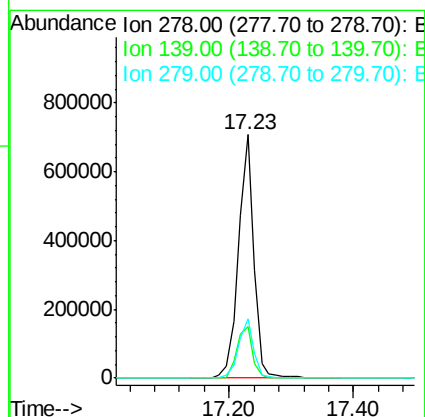
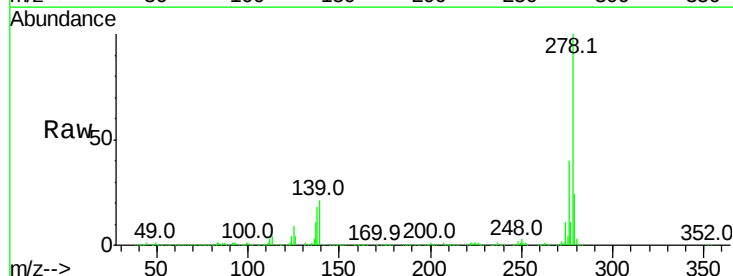
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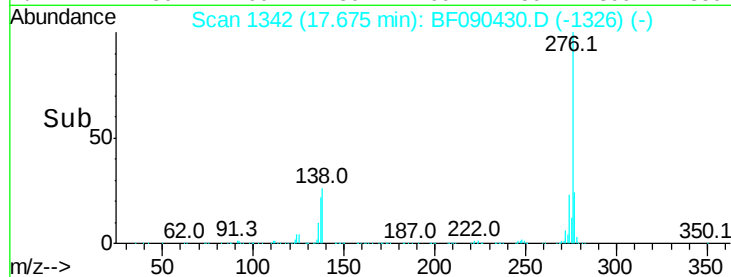
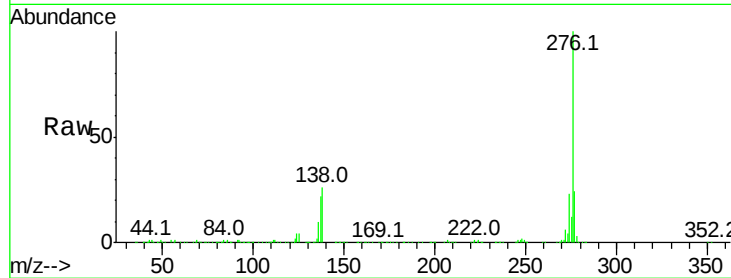
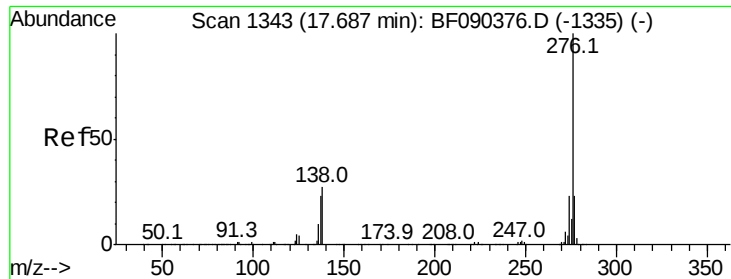
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#90  
Dibenzo(a,h)anthracene  
Concen: 60.79 ng  
RT: 17.23 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BF090430.D  
Acq: 6 Oct 2016 20:47

Tgt Ion:278 Resp: 1231905  
Ion Ratio Lower Upper  
278 100  
139 21.0 12.8 19.2#  
279 24.3 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 58.98 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tot Ion: 276 Resp: 1147058

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 25.7 20.8 31.2

Instrument :

BNA\_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations

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