

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\  
 Data File : BF108942.D  
 Acq On : 11 Sep 2018 18:24  
 Operator : JU/SJ  
 Sample : J4847-01MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

Manual Integrations  
 APPROVED

Sohil  
 9/12/2018 9:11:59 AM

Quant Time: Sep 12 03:41:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 05 18:03:31 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 172551   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.02  | 136  | 654159   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.77  | 164  | 302304   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.25 | 188  | 530297   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.88 | 240  | 368762   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 15.28 | 264  | 462100   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 989540  | 95.01 | ng | 0.02 |
| 7) Phenol-d6             | 6.38  | 99  | 1282253 | 95.68 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 811282  | 77.61 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.56 | 330 | 285914  | 99.07 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.10  | 172 | 1261058 | 71.16 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.83 | 244 | 1012880 | 64.05 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.46 | 88  | 149897  | 29.946 | ng | 94     |
| 3) Pyridine                    | 3.17 | 79  | 401832  | 29.313 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.10 | 42  | 196078  | 37.240 | ng | 90     |
| 6) Aniline                     | 6.40 | 93  | 525105  | 29.133 | ng | 96     |
| 8) 2-Chlorophenol              | 6.52 | 128 | 414636  | 35.965 | ng | 98     |
| 9) Benzaldehyde                | 6.28 | 77  | 213008  | 22.405 | ng | 98     |
| 10) Phenol                     | 6.39 | 94  | 516657  | 33.660 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.48 | 93  | 411756  | 33.487 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.68 | 146 | 445930  | 33.895 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 446011  | 33.901 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.91 | 146 | 418475  | 34.509 | ng | 97     |
| 15) Benzyl Alcohol             | 6.88 | 79  | 372684  | 36.237 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 608036  | 33.081 | ng | 96     |
| 17) 2-Methylphenol             | 7.00 | 107 | 342146  | 35.118 | ng | 98     |
| 18) Hexachloroethane           | 7.25 | 117 | 161756  | 34.098 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 294014  | 31.563 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.15 | 107 | 396320  | 34.725 | ng | # 62   |
| 22) Acetophenone               | 7.15 | 105 | 546035  | 36.779 | ng | # 92   |
| 24) Nitrobenzene               | 7.32 | 77  | 438799  | 39.124 | ng | 99     |
| 25) Isophorone                 | 7.56 | 82  | 811713  | 38.930 | ng | 97     |
| 26) 2-Nitrophenol              | 7.64 | 139 | 203701  | 46.100 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.68 | 122 | 372661  | 41.531 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93  | 514615  | 36.916 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.88 | 162 | 344837  | 37.270 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 349589  | 34.865 | ng | 96     |
| 31) Naphthalene                | 8.04 | 128 | 1147489 | 38.989 | ng | 99     |
| 32) Benzoic acid               | 7.78 | 122 | 142243  | 27.539 | ng | 95     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 392348  | 29.027 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 205503  | 34.307 | ng | 97     |
| 35) Caprolactam                | 8.45 | 113 | 112763m | 35.967 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 354126  | 35.929 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.73 | 142 | 755207  | 38.842 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 326313  | 36.110 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 8.90 | 237 | 246888  | 54.307 | ng | 98     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

Manual Integrations  
 APPROVED

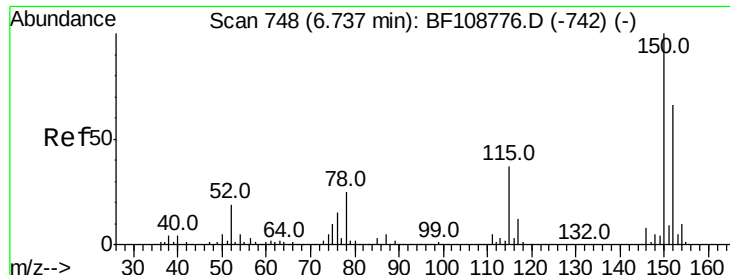
Sohil  
 9/12/2018 9:11:59 AM

Quant Time: Sep 12 03:41:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 05 18:03:31 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.01  | 196  | 237213   | 38.539 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.05  | 196  | 250878   | 39.321 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 9.20  | 154  | 878694   | 37.755 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.22  | 162  | 682084   | 36.238 | nq    | 99       |
| 47) 2-Nitroaniline             | 9.31  | 65   | 229366   | 44.607 | nq    | 91       |
| 48) Acenaphthylene             | 9.63  | 152  | 1097404  | 39.115 | nq    | 100      |
| 49) Dimethylphthalate          | 9.50  | 163  | 1199855  | 56.747 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.55  | 165  | 180541   | 44.810 | nq    | 98       |
| 51) Acenaphthene               | 9.81  | 154  | 665188   | 38.314 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.72  | 138  | 166341   | 34.683 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 9.82  | 184  | 74611    | 53.851 | nq #  | 19       |
| 54) Dibenzofuran               | 9.98  | 168  | 929704   | 36.736 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.88  | 139  | 273092   | 76.168 | nq    | 98       |
| 56) 2,4-Dinitrotoluene         | 9.95  | 165  | 230192   | 44.676 | nq #  | 96       |
| 57) Fluorene                   | 10.32 | 166  | 674051   | 41.504 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.10 | 232  | 202425   | 39.342 | nq #  | 87       |
| 59) Diethylphthalate           | 10.20 | 149  | 794218   | 36.399 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.31 | 204  | 325755   | 37.557 | nq    | 92       |
| 61) 4-Nitroaniline             | 10.32 | 138  | 169927   | 39.111 | nq    | 98       |
| 62) Azobenzene                 | 10.47 | 77   | 789606   | 35.057 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 58815    | 31.036 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 10.43 | 169  | 666574   | 37.806 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 10.80 | 248  | 217682   | 36.344 | nq    | 92       |
| 67) Hexachlorobenzene          | 10.87 | 284  | 225011   | 35.192 | nq    | 93       |
| 68) Atrazine                   | 10.95 | 200  | 221764   | 39.290 | nq    | 98       |
| 69) Pentachlorophenol          | 11.06 | 266  | 220936   | 56.520 | nq    | 98       |
| 70) Phenanthrene               | 11.27 | 178  | 960782   | 37.940 | nq    | 99       |
| 71) Anthracene                 | 11.32 | 178  | 985236   | 40.634 | nq    | 100      |
| 72) Carbazole                  | 11.48 | 167  | 884455   | 34.637 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.82 | 149  | 1125179  | 39.680 | nq    | 99       |
| 74) Fluoranthene               | 12.45 | 202  | 915488   | 36.513 | nq    | 98       |
| 76) Benzidine                  | 12.57 | 184  | 577671   | 33.052 | nq    | 98       |
| 77) Pyrene                     | 12.68 | 202  | 910431   | 32.085 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.31 | 149  | 422149   | 33.036 | nq    | 97       |
| 80) Benzo(a)anthracene         | 13.87 | 228  | 803633   | 34.000 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 314561   | 34.158 | nq #  | 97       |
| 82) Chrysene                   | 13.90 | 228  | 795045   | 34.746 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149  | 543965   | 33.874 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.48 | 149  | 1027949  | 38.396 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.65 | 276  | 883850   | 43.647 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 14.88 | 252  | 930838   | 37.045 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 14.91 | 252  | 745060   | 32.199 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.23 | 252  | 838735   | 36.994 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.67 | 278  | 749372   | 37.510 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.06 | 276  | 696050   | 34.798 | nq    | 94       |

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





#1

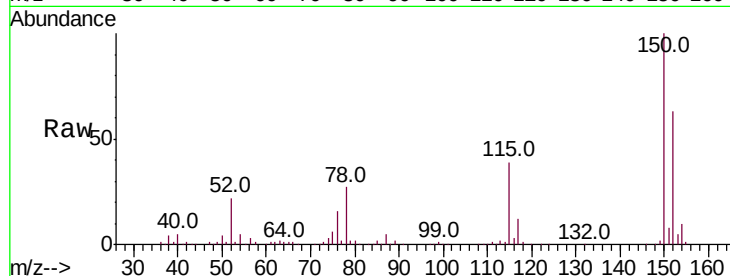
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 748  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.6 | 124.6 | 186.8 |
| 115     | 62.4  | 50.1  | 75.1  |

Manual Integrations  
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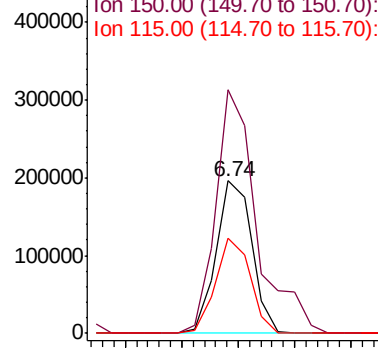


Abundance

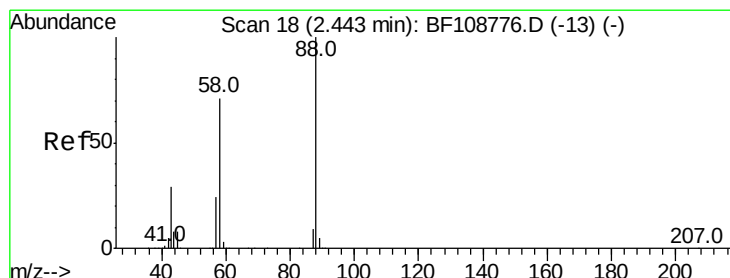
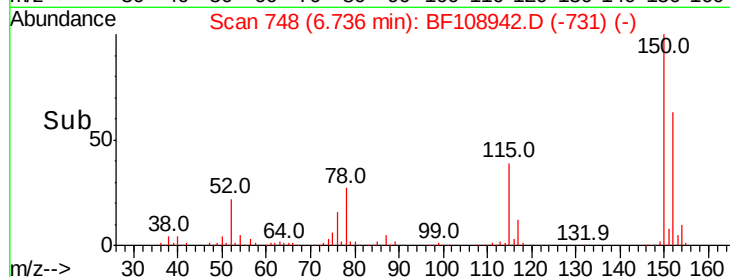
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



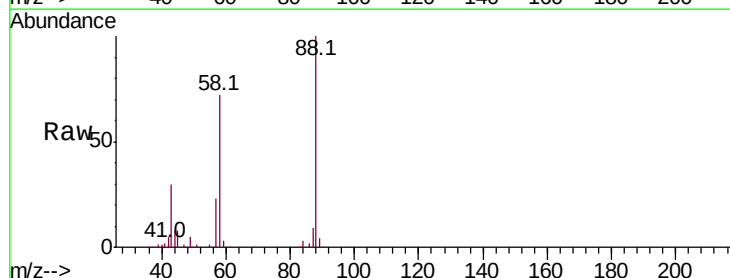
Time-->



#2

1,4-Dioxane  
Concen: 29.946 ng  
RT: 2.46 min Scan# 21  
Delta R.T. 0.02 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.7  | 62.6  | 93.8  |
| 43      | 29.8  | 24.6  | 37.0  |

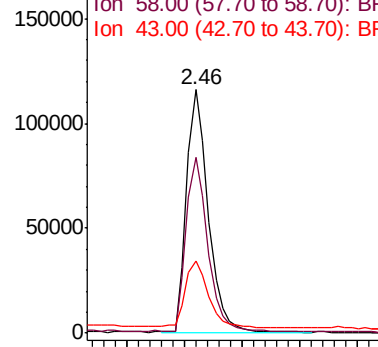


Abundance

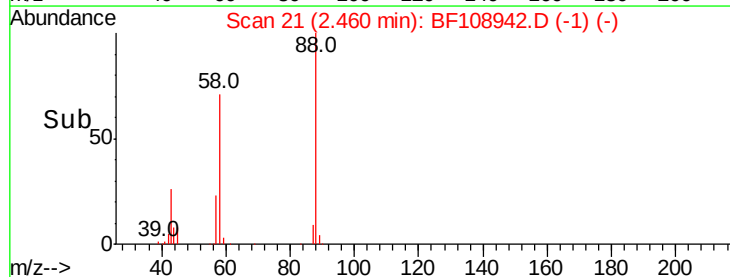
Ion 88.00 (87.70 to 88.70): BF1

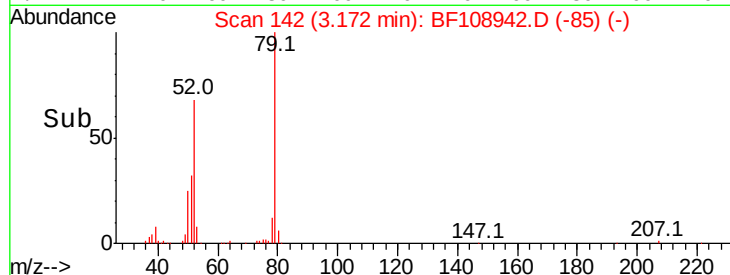
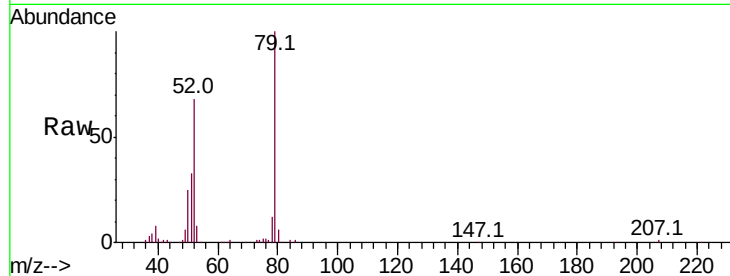
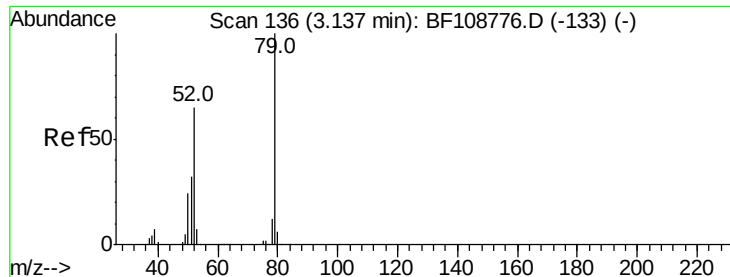
Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



Time-->





#3

Pvridine

Concen: 29.313 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108942.D

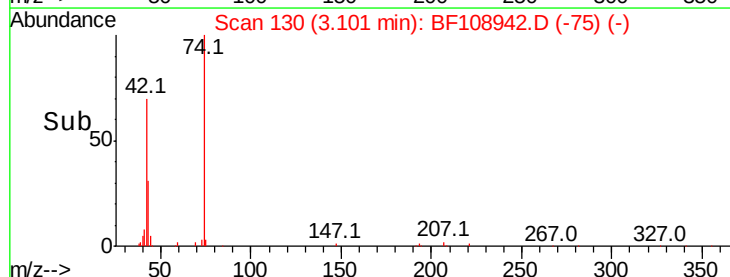
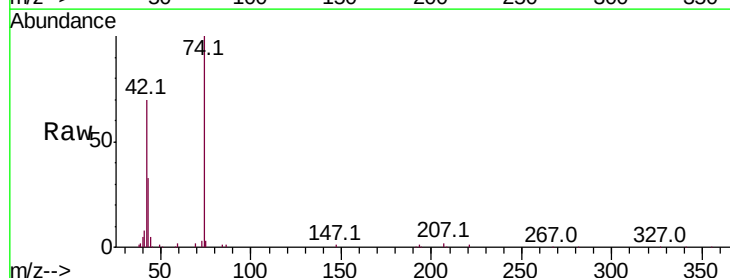
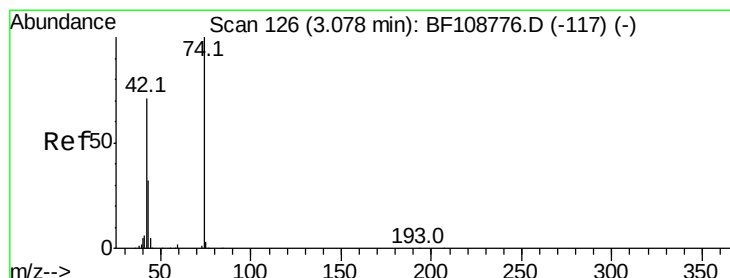
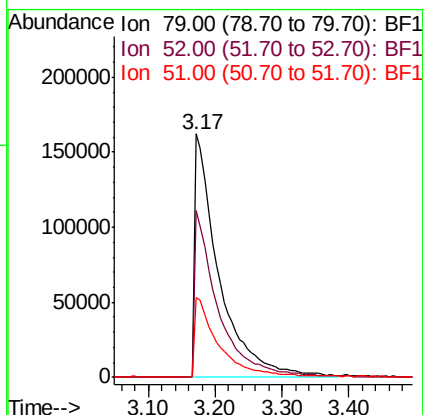
Acq: 11 Sep 2018 18:24

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 68.4  | 59.8  | 89.6  |
| 51      | 33.0  | 29.8  | 44.8  |

Instrument :  
BNA\_F  
ClientSampleId :  
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Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.240 ng

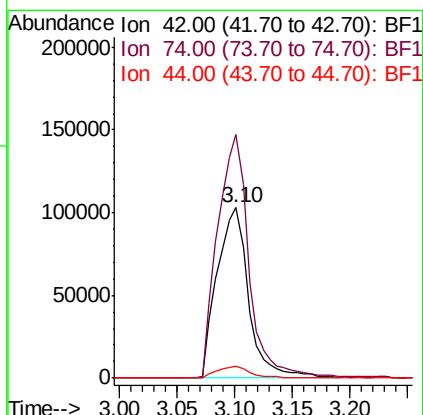
RT: 3.10 min Scan# 130

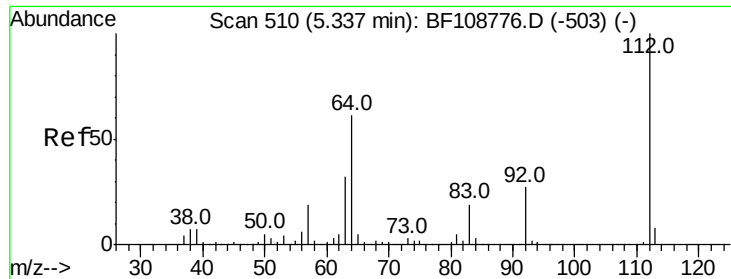
Delta R.T. 0.02 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 143.1 | 104.9 | 157.3 |
| 44      | 6.9   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 95.006 ng

RT: 5.35 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

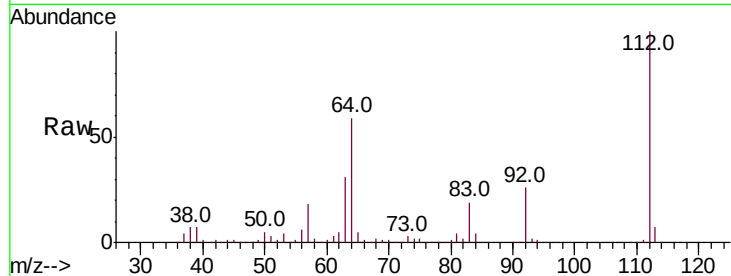
ClientSampleId :

FK-PS-01-040MS

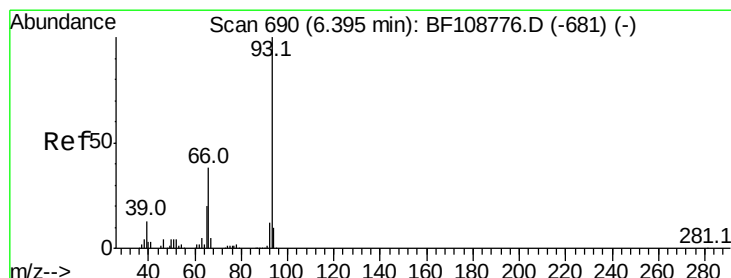
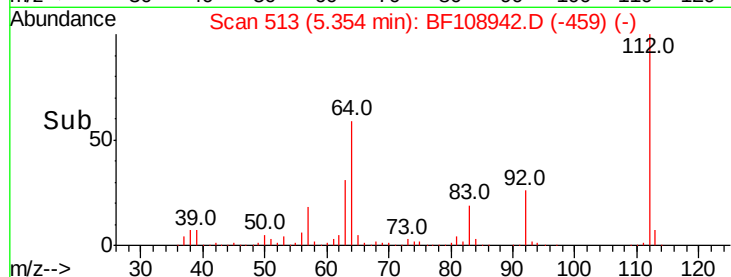
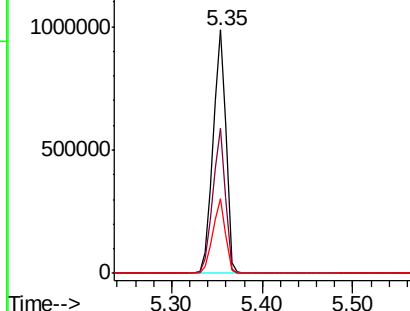
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 989540 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.5  | 47.9  | 71.9   |
| 63        | 30.6  | 23.7  | 35.5   |

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Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.133 ng

RT: 6.40 min Scan# 691

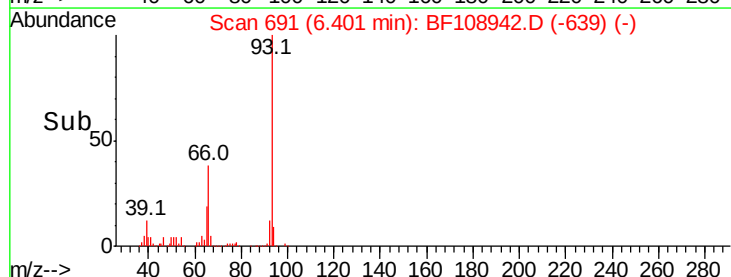
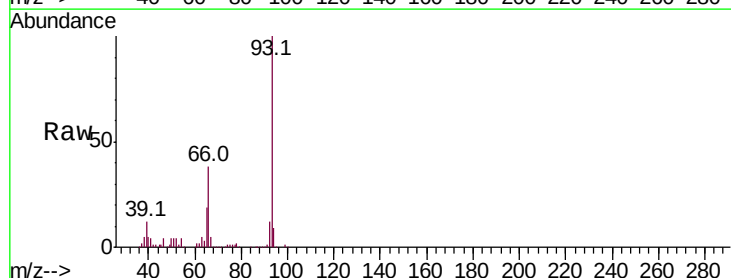
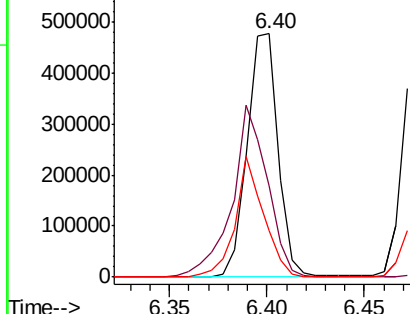
Delta R.T. 0.01 min

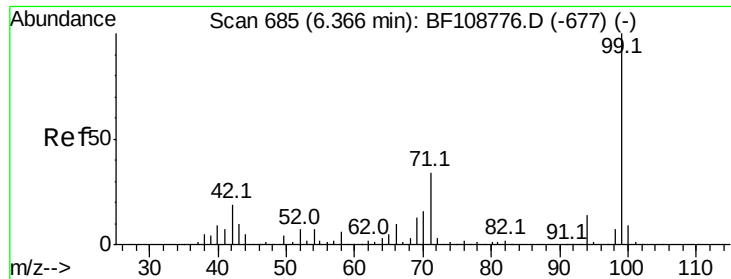
Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 525105 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.8  | 32.2  | 48.2   |
| 65        | 19.1  | 16.4  | 24.6   |

Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 95.682 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-040MS

Tot Ion: 99 Resp: 1282253

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

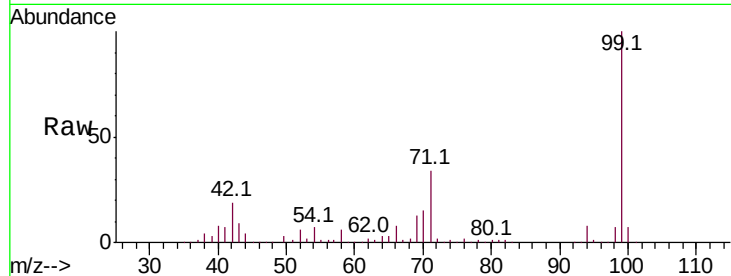
71 33.9 25.4 38.0

Manual Integrations

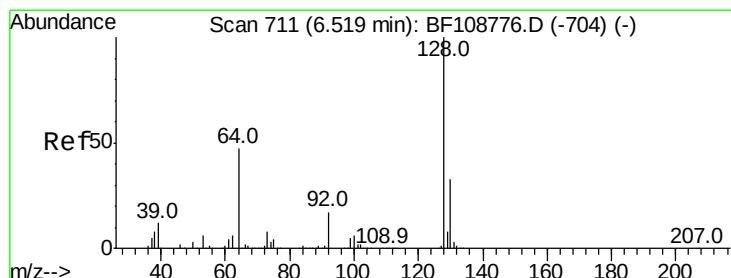
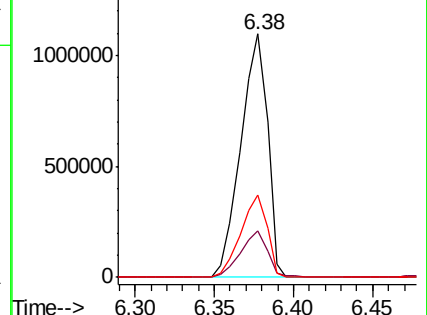
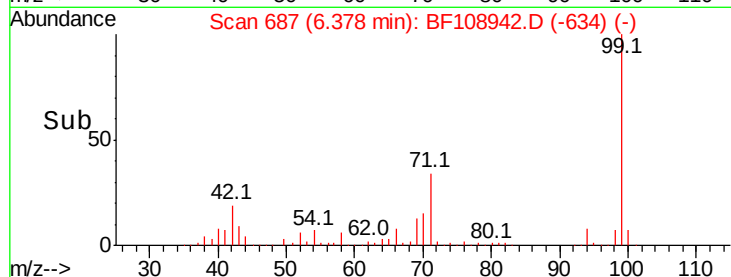
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.965 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

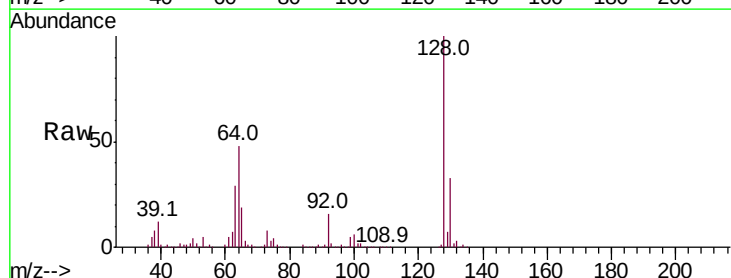
Tgt Ion:128 Resp: 414636

Ion Ratio Lower Upper

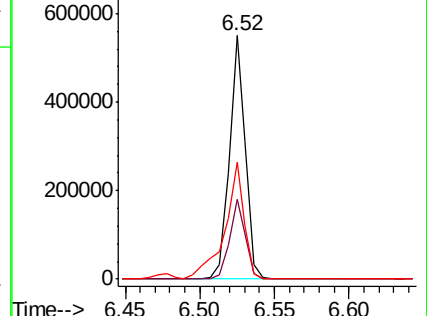
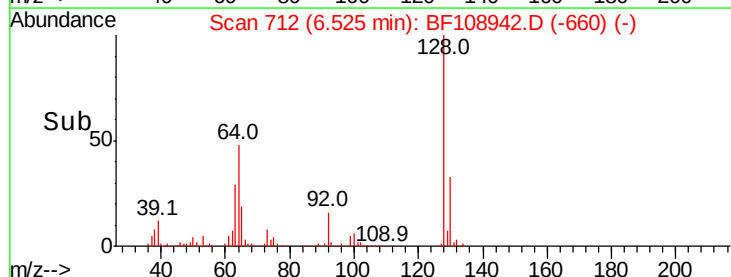
128 100

130 32.6 13.0 53.0

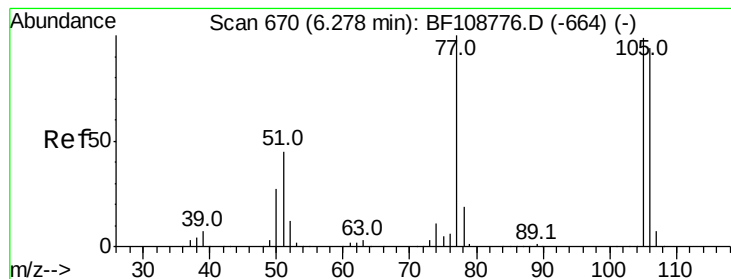
64 47.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 22.405 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

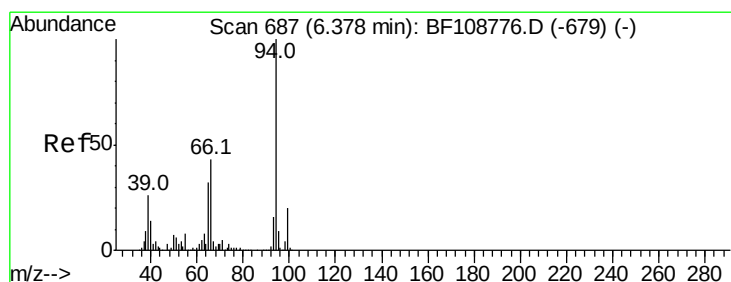
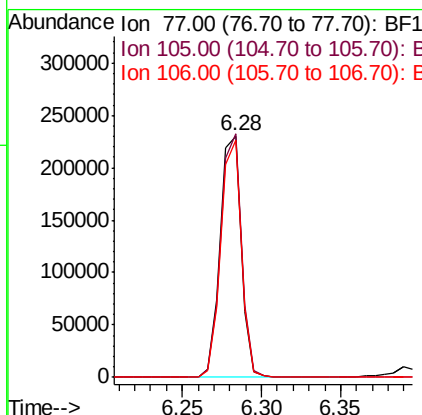
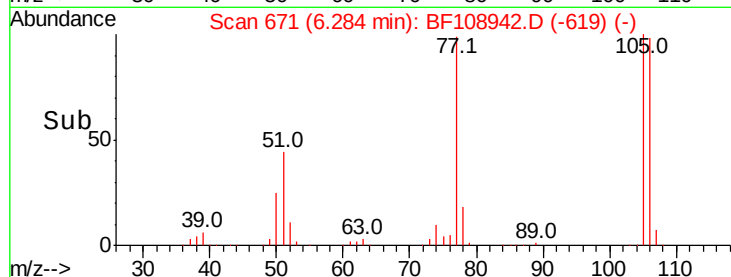
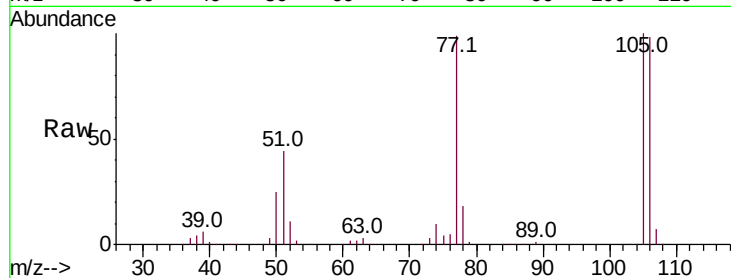
ClientSampleId :

FK-PS-01-040MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 213008 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 100.7 | 81.1  | 121.1  |
| 106       | 98.3  | 74.5  | 114.5  |

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#10

Phenol

Concen: 33.660 ng

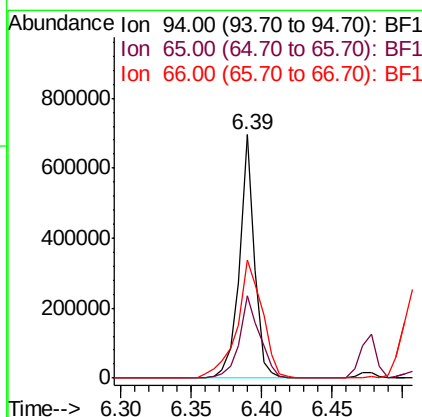
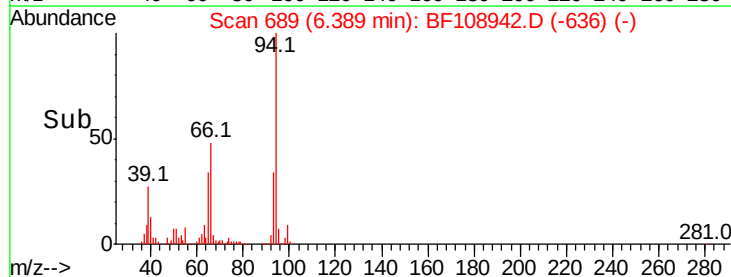
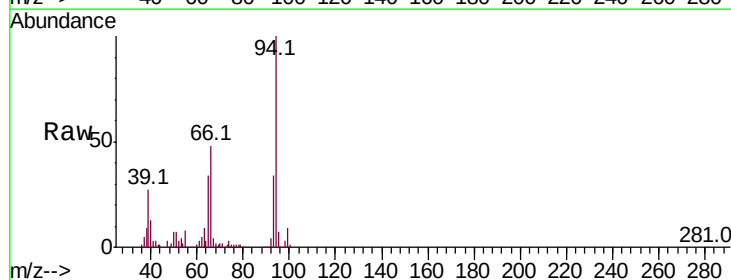
RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

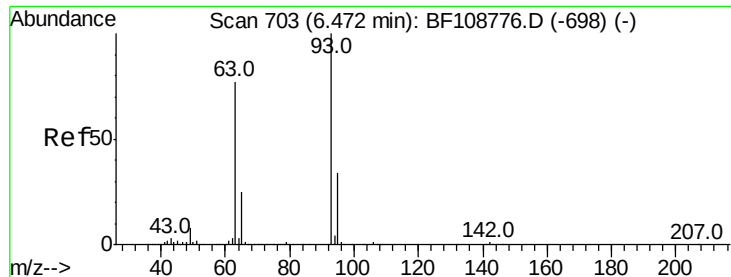
Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 516657 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 33.9  | 7.9   | 47.9   |
| 66        | 48.4  | 16.2  | 56.2   |







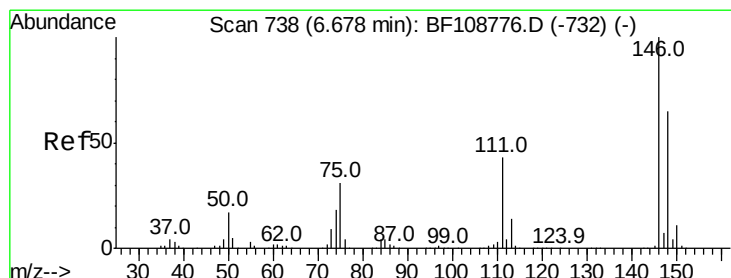
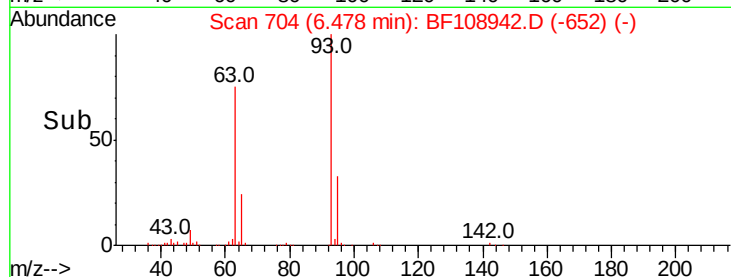
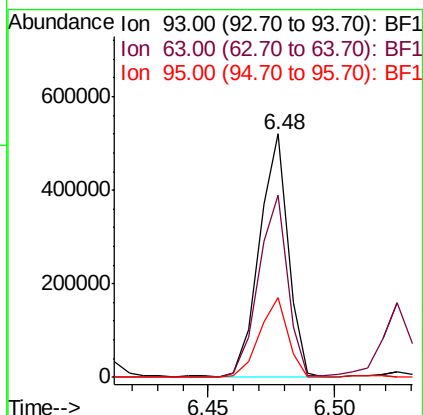
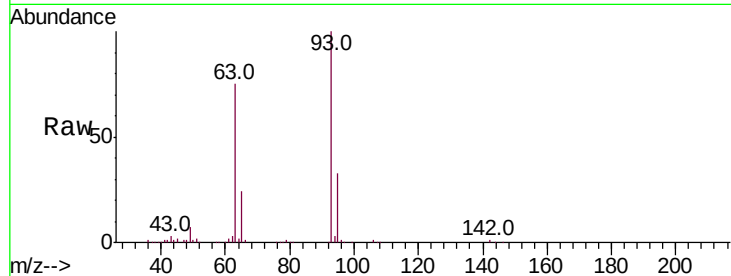
#11  
bis(2-Chloroethyl)ether  
Concen: 33.487 ng  
RT: 6.48 min Scan# 704  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.0  | 58.6  | 98.6  |
| 95      | 33.0  | 11.8  | 51.8  |

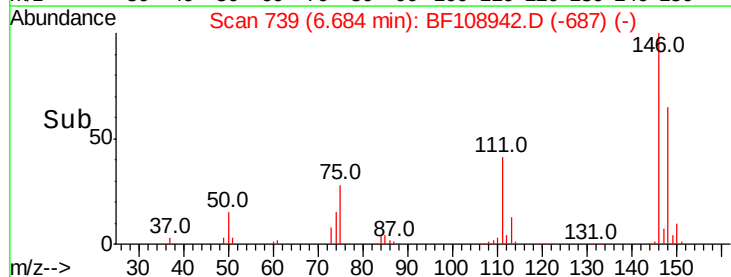
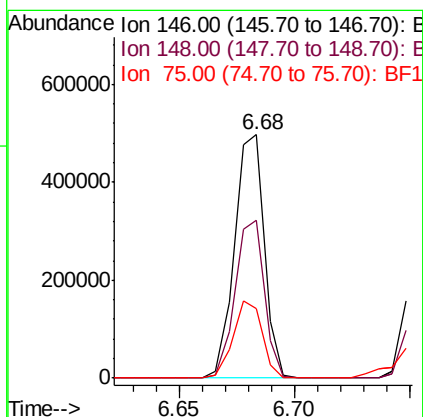
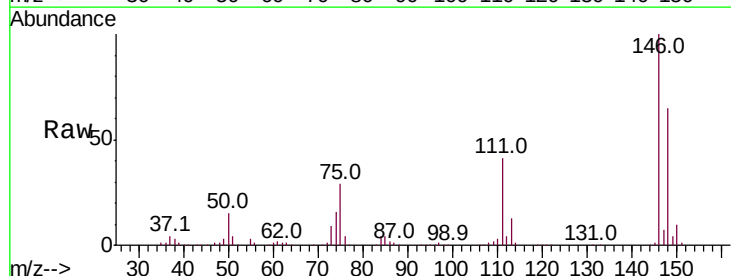
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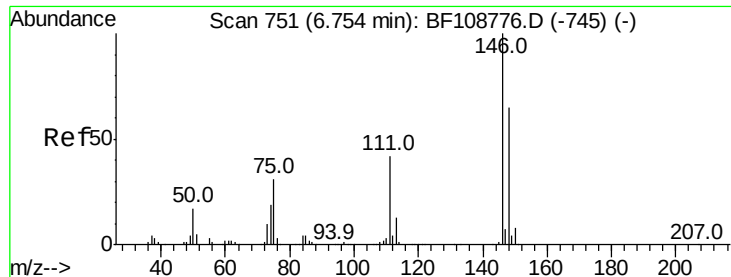
Sohil  
9/12/2018 9:11:59 AM



#12  
1,3-Dichlorobenzene  
Concen: 33.895 ng  
RT: 6.68 min Scan# 739  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.8  | 77.8  |
| 75      | 28.5  | 24.2  | 36.4  |





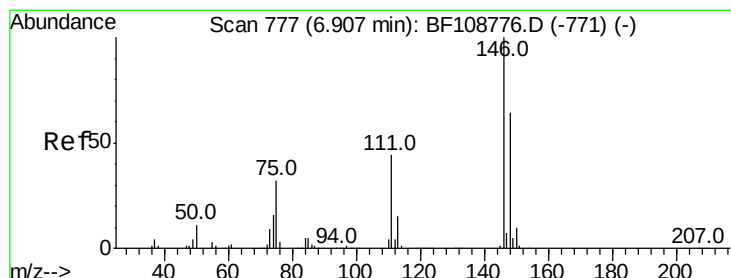
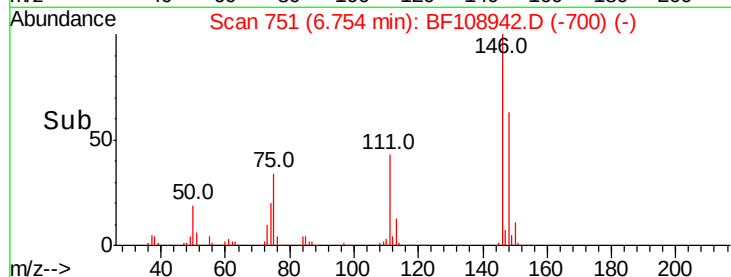
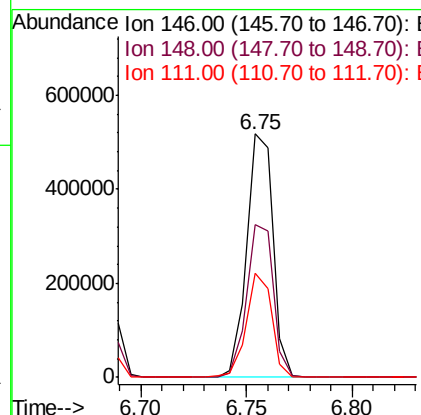
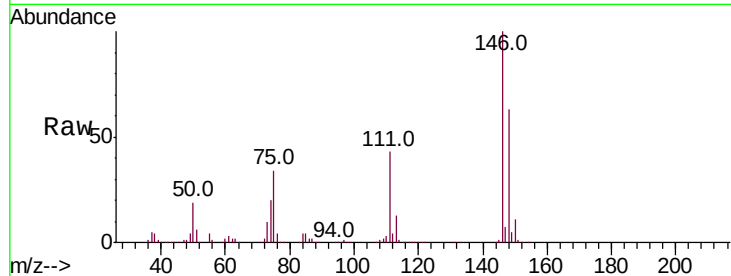
#13  
 1,4-Dichlorobenzene  
 Concen: 33.901 ng  
 RT: 6.75 min Scan# 751  
 Delta R.T. -0.00 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 50.8  | 76.2  |
| 111     | 42.9  | 34.2  | 51.2  |

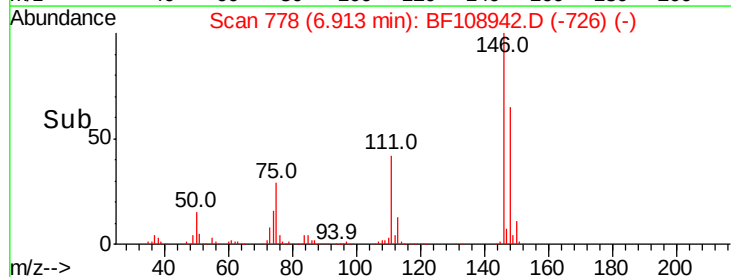
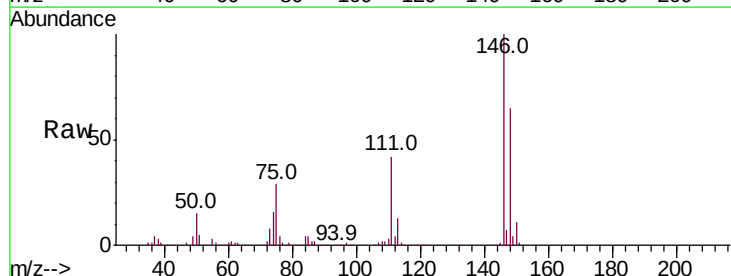
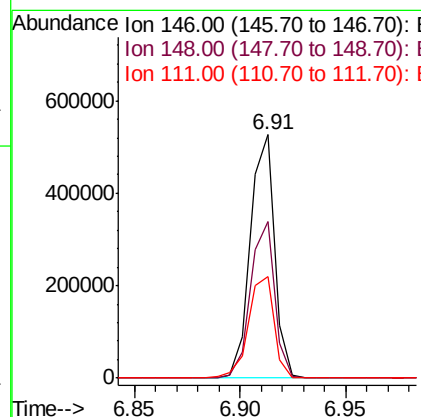
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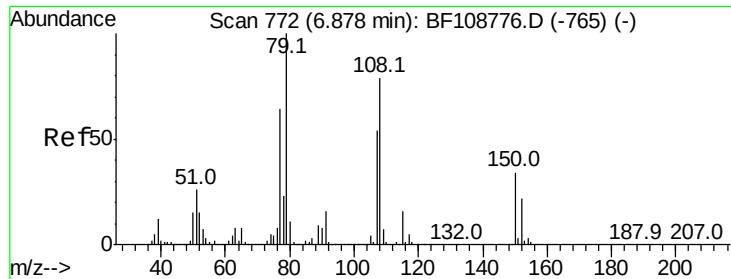
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 9/12/2018 9:11:59 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 34.509 ng  
 RT: 6.91 min Scan# 778  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 50.6  | 75.8  |
| 111     | 41.6  | 36.0  | 54.0  |





#15

Benzyl Alcohol

Concen: 36.237 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

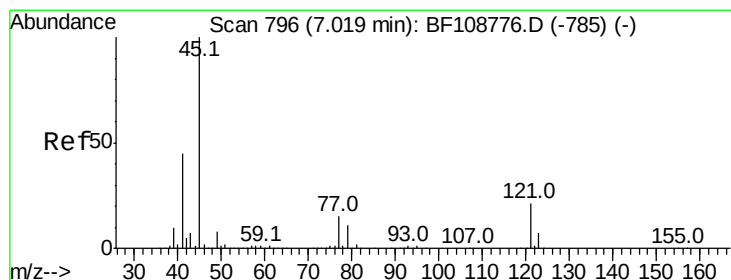
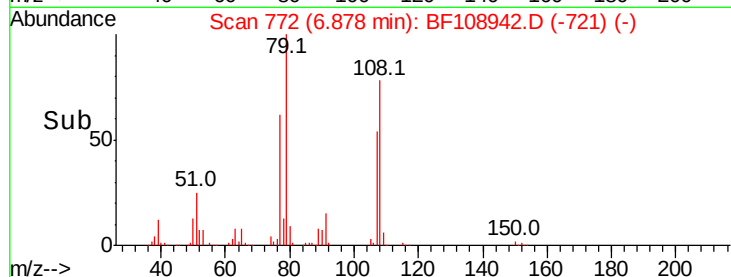
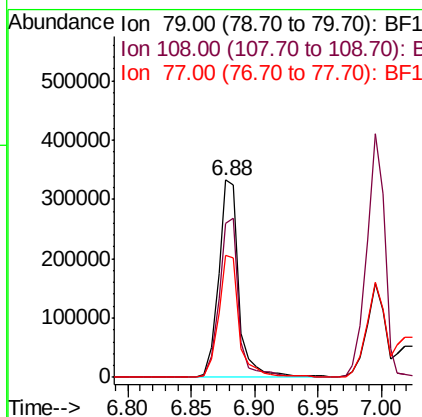
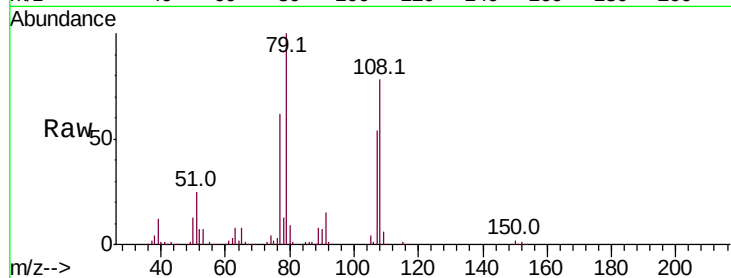
ClientSampleId :

FK-PS-01-040MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 372684 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.7  | 65.1  | 97.7   |
| 77        | 62.1  | 50.6  | 75.8   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.081 ng

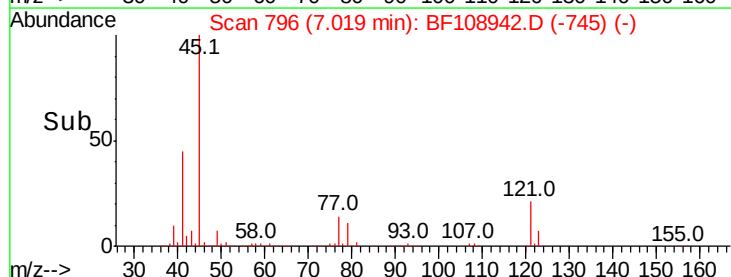
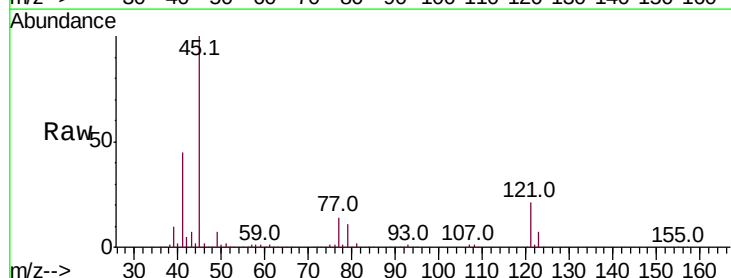
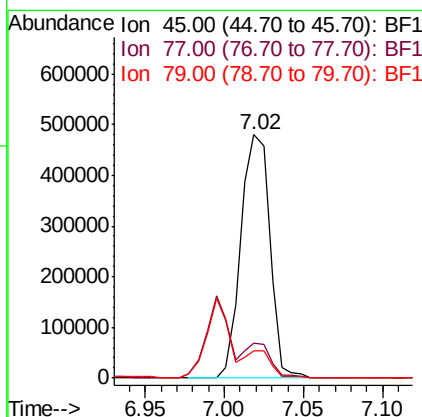
RT: 7.02 min Scan# 796

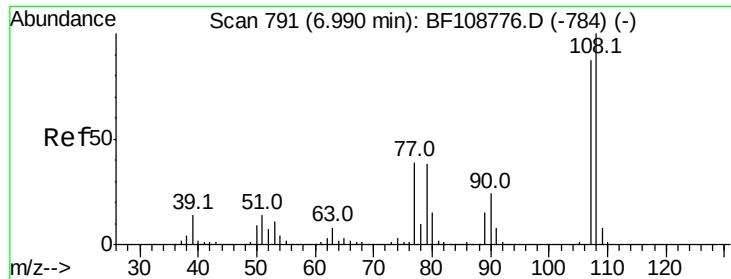
Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 608036 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.3  | 0.0   | 32.9   |
| 79        | 11.0  | 0.0   | 29.6   |





#17

2-Methylphenol

Concen: 35.118 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

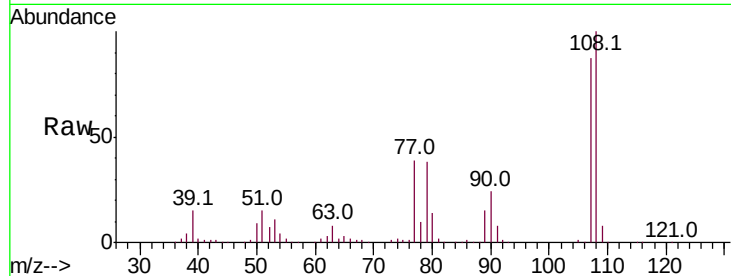
FK-PS-01-040MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.2 | 91.7 | 137.5 |       |
| 77      | 45.3  | 33.8 | 50.8  |       |
| 79      | 44.3  | 33.8 | 50.8  |       |

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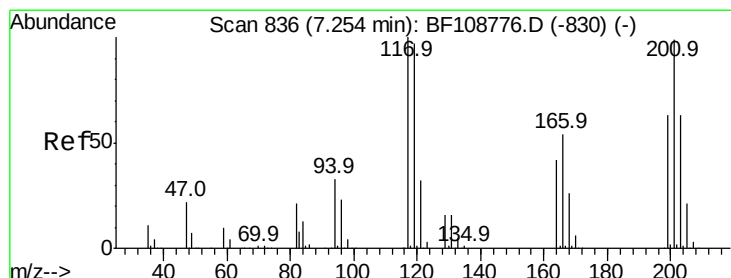
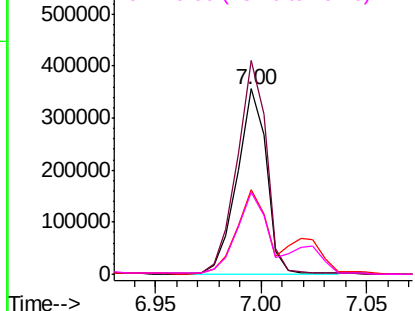
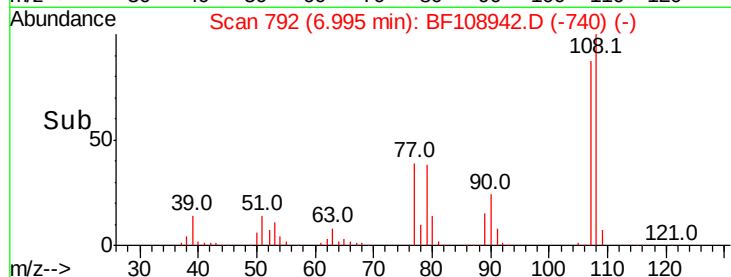
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.098 ng

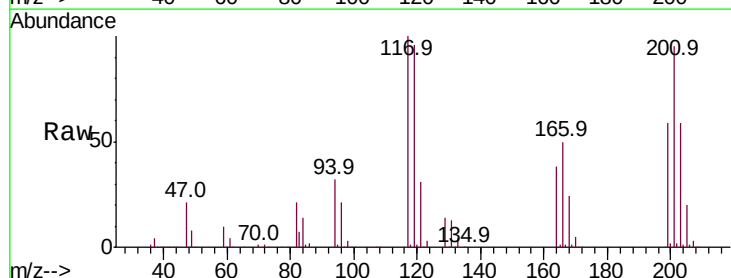
RT: 7.25 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.3  | 75.8 | 113.8 |       |
| 201     | 94.9  | 75.7 | 113.5 |       |

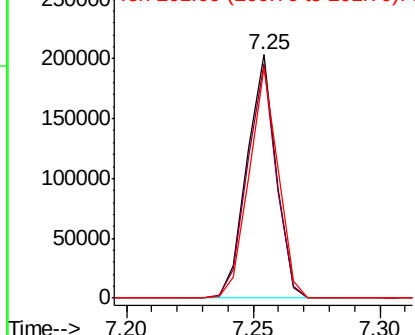
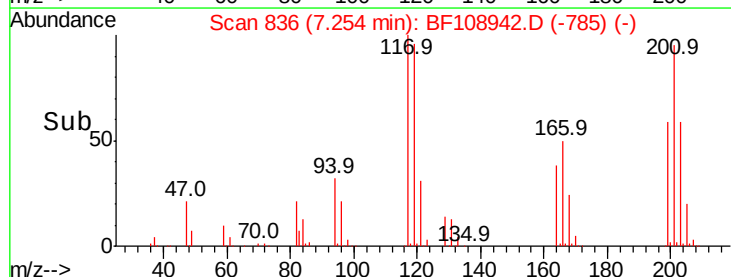


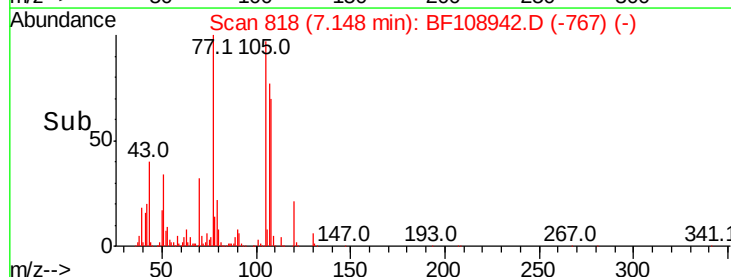
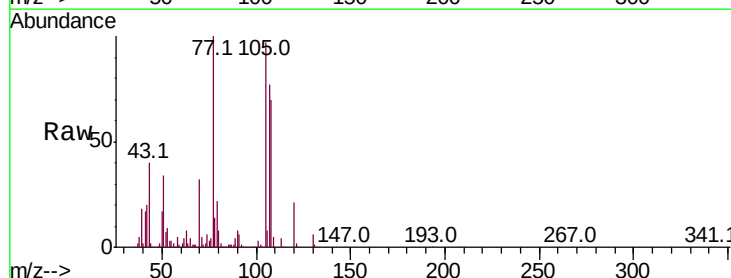
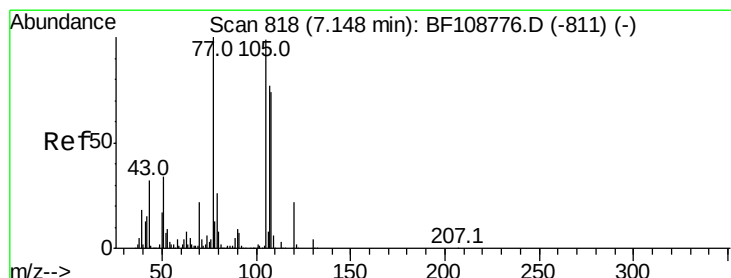
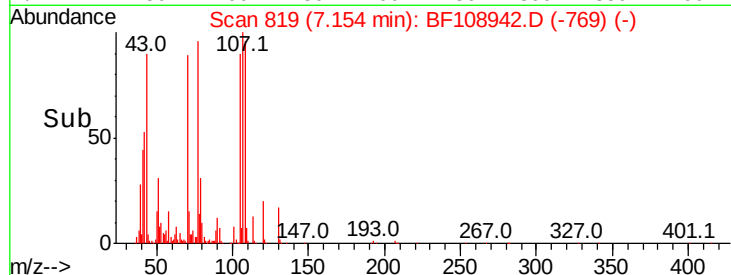
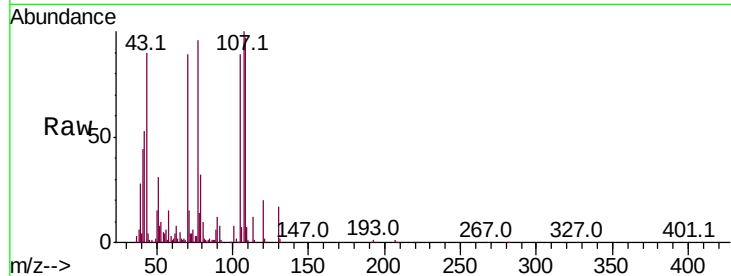
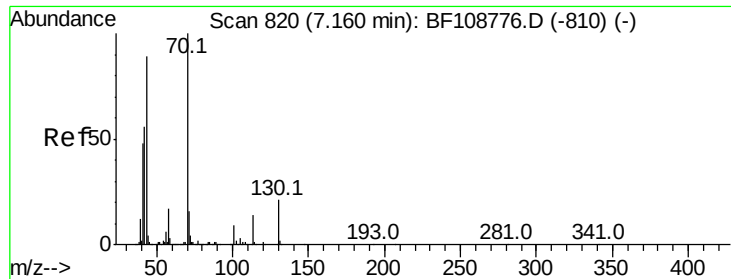
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

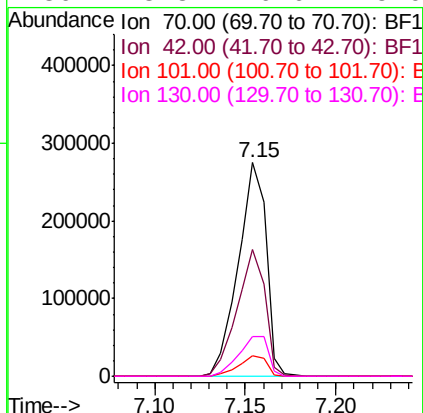
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 31.563 ng  
RT: 7.15 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 59.3 | 47.5  | 71.3 |       |       |
| 101     | 9.4  | 7.4   | 11.2 |       |       |
| 130     | 18.8 | 16.6  | 25.0 |       |       |



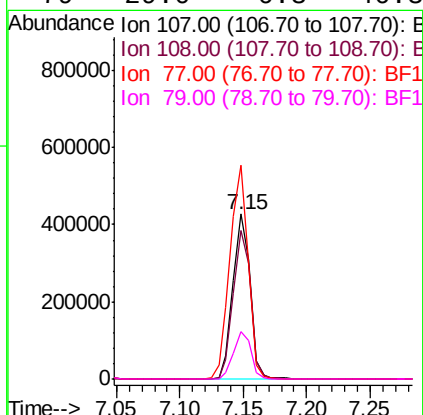
Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

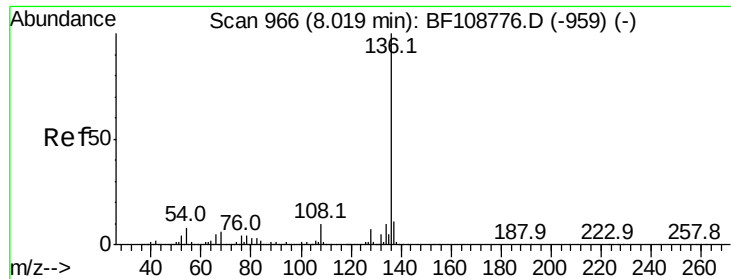
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#20  
3+4-Methylphenols  
Concen: 34.725 ng  
RT: 7.15 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |       |
| 108     | 90.3  | 68.2  | 108.2 |       |       |
| 77      | 129.5 | 26.7  | 66.7# |       |       |
| 79      | 29.0  | 6.3   | 46.3  |       |       |





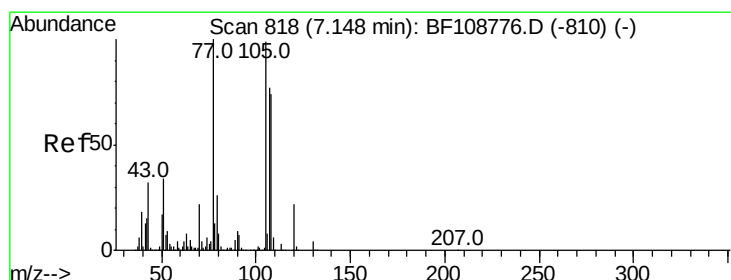
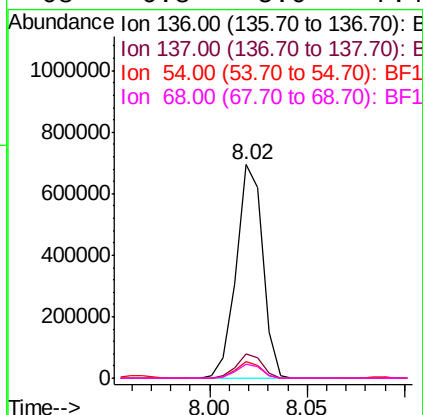
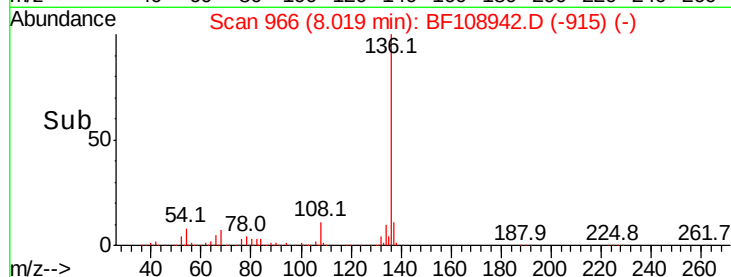
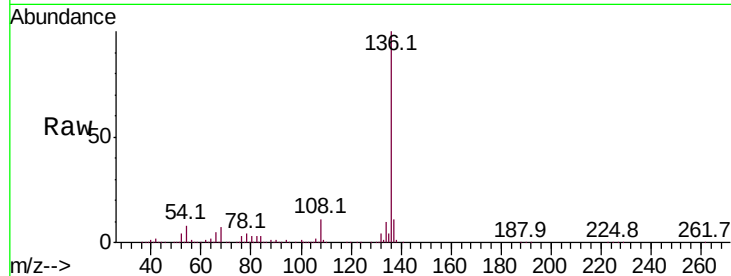
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.02 min Scan# 966  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 654159 |       |       |
| 137     | 11.3  |        | 8.9   | 13.3  |
| 54      | 8.0   |        | 6.6   | 9.8   |
| 68      | 6.8   |        | 5.0   | 7.4   |

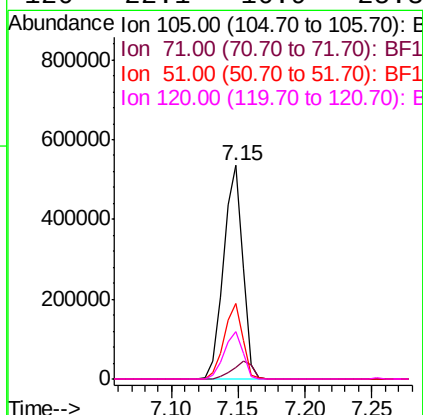
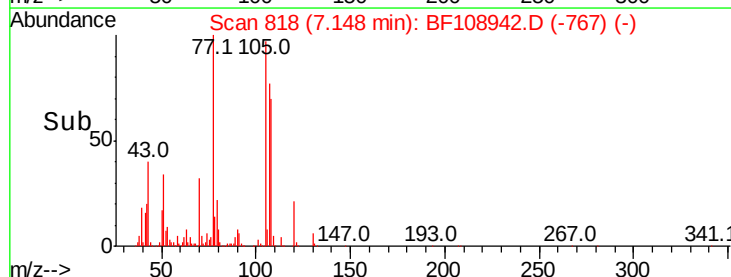
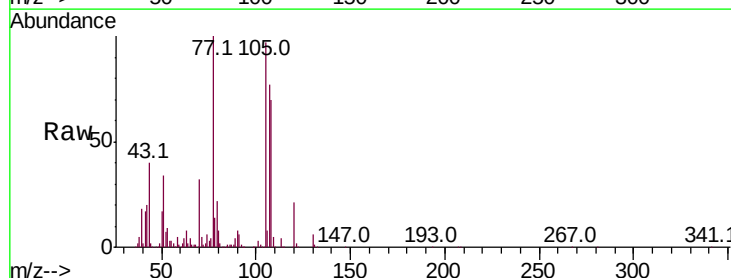
Manual Integrations  
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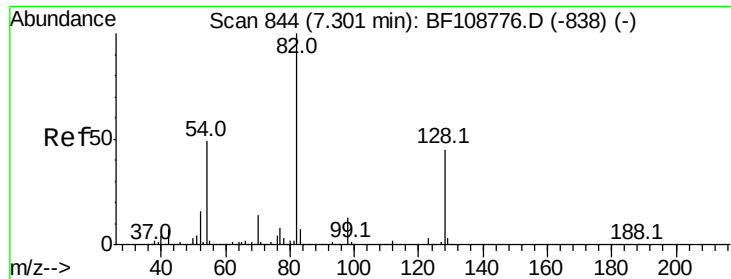
Sohil  
9/12/2018 9:11:59 AM



#22  
Acetophenone  
Concen: 36.779 ng  
RT: 7.15 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 546035 |       |       |
| 71      | 5.5   |        | 4.4   | 6.6   |
| 51      | 35.6  |        | 22.3  | 33.5# |
| 120     | 22.1  |        | 16.9  | 25.3  |





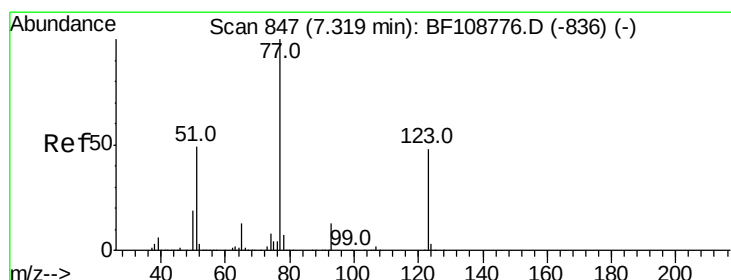
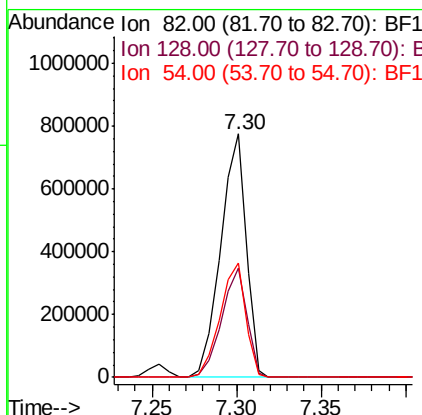
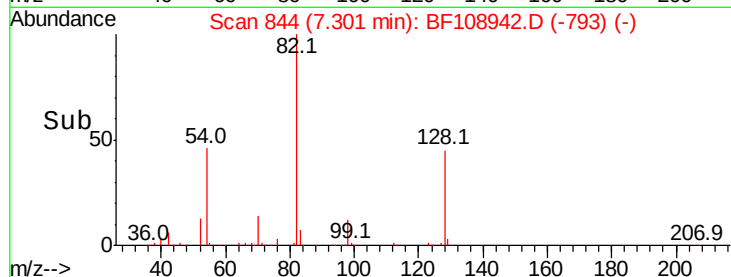
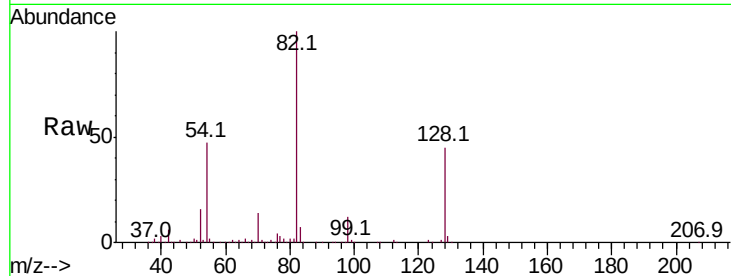
#23  
 Nitrobenzene-d5  
 Concen: 77.612 ng  
 RT: 7.30 min Scan# 844  
 Delta R.T. -0.00 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleID :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.0  | 36.1  | 54.1  |
| 54      | 47.0  | 41.4  | 62.2  |

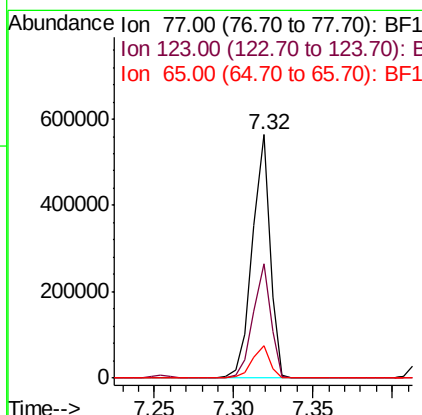
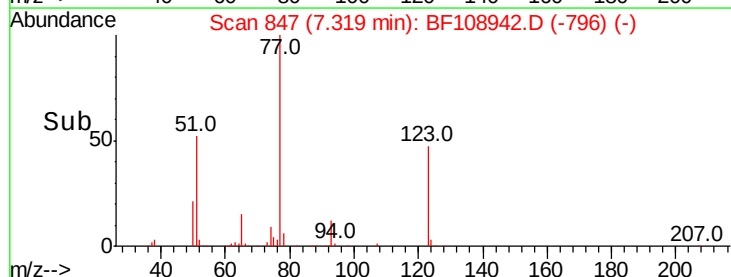
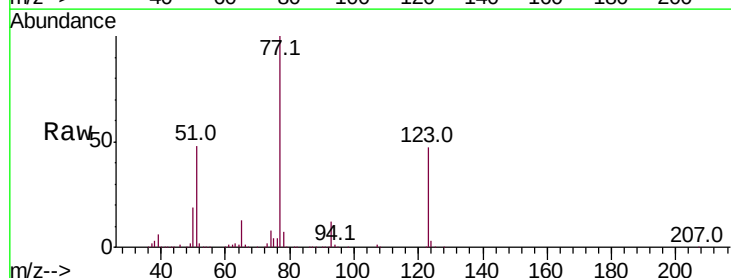
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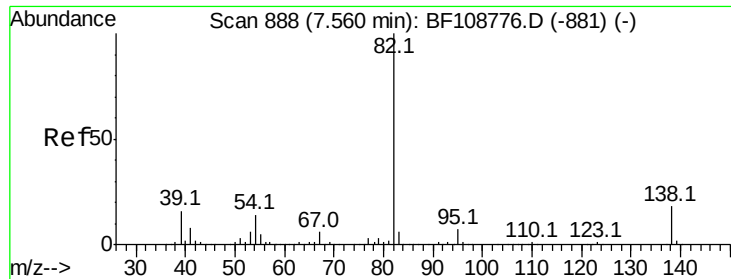


#24  
 Nitrobenzene  
 Concen: 39.124 ng  
 RT: 7.32 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.8  | 37.9  | 56.9  |
| 65      | 13.1  | 11.0  | 16.4  |







#25

Isophorone

Concen: 38.930 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

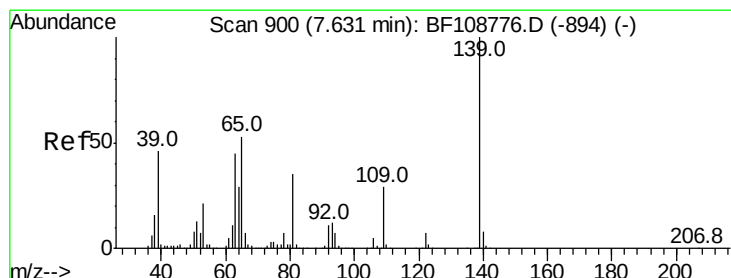
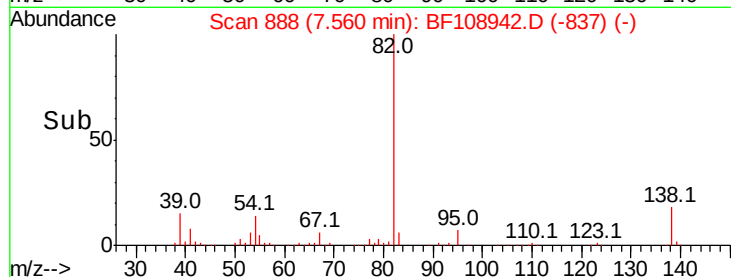
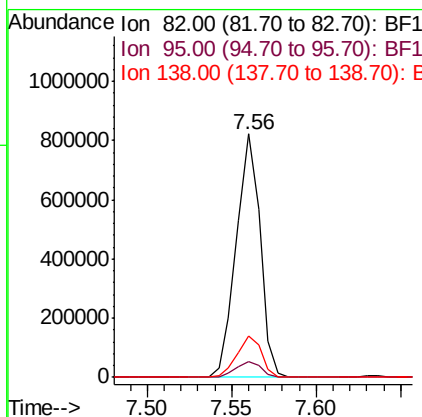
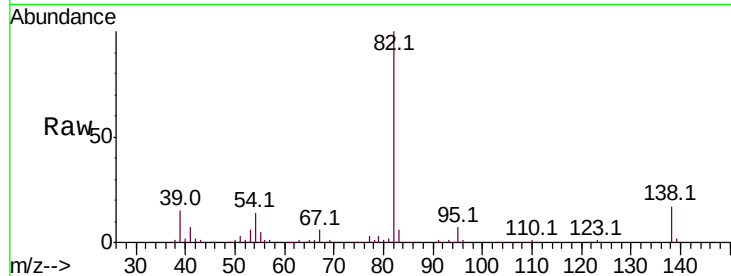
ClientSampleId :

FK-PS-01-040MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 811713 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.2   | 7.8    |
| 138       | 17.2  | 14.9  | 22.3   |

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#26

2-Nitrophenol

Concen: 46.100 ng

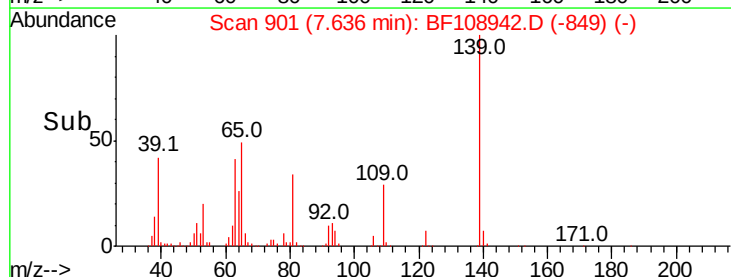
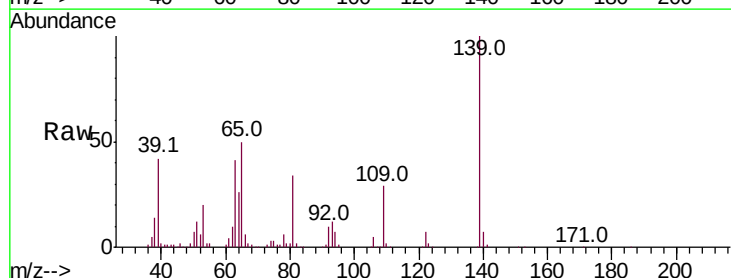
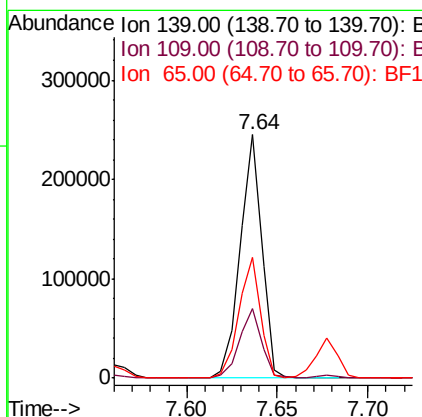
RT: 7.64 min Scan# 901

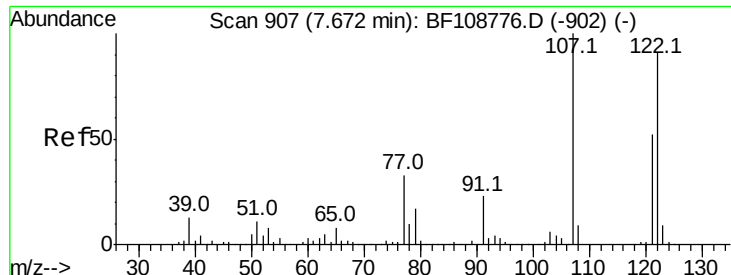
Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 203701 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.8  | 22.7  | 34.1   |
| 65        | 49.8  | 40.5  | 60.7   |





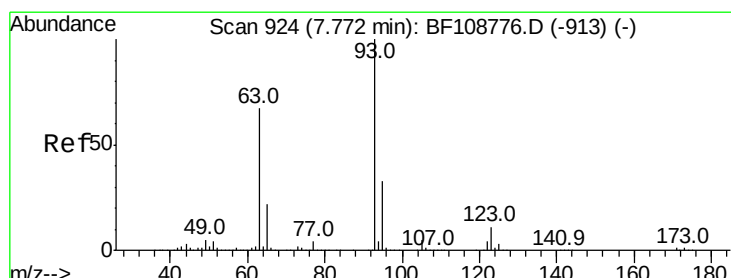
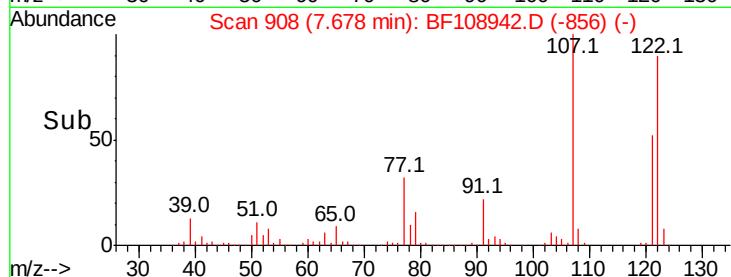
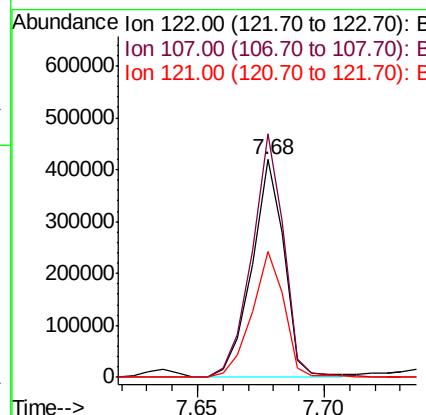
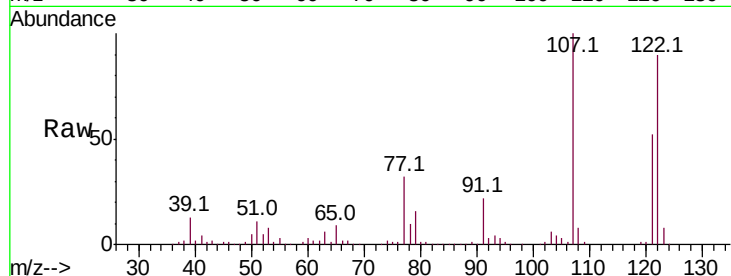
#27  
 2,4-Dimethylphenol  
 Concen: 41.531 ng  
 RT: 7.68 min Scan# 908  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.7 | 91.2  | 136.8 |
| 121     | 57.6  | 47.2  | 70.8  |

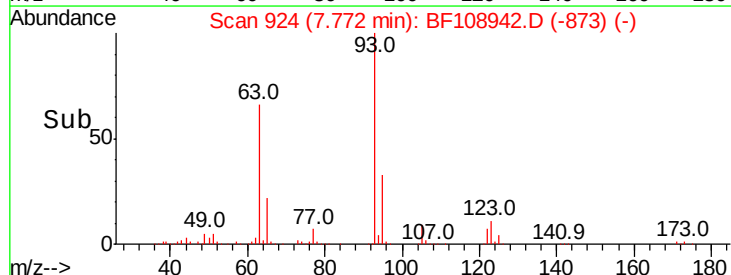
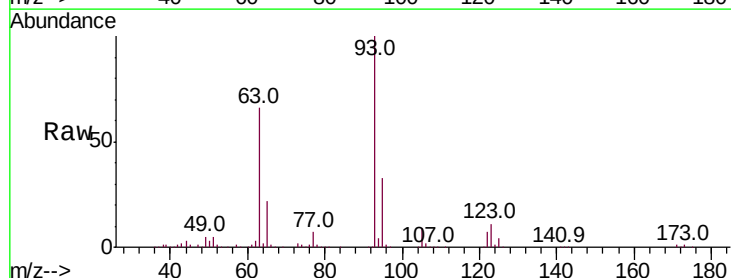
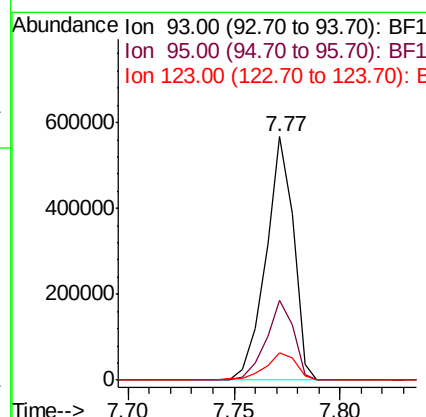
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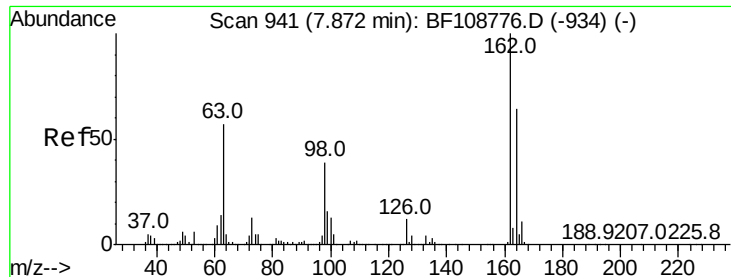
Sohil  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.916 ng  
 RT: 7.77 min Scan# 924  
 Delta R.T. -0.00 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.3  | 39.5  |
| 123     | 11.2  | 9.8   | 14.6  |





#29

2,4-Dichlorophenol

Concen: 37.270 ng

RT: 7.88 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

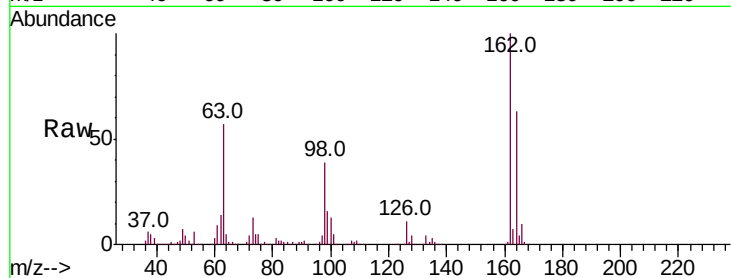
ClientSampleId :

FK-PS-01-040MS

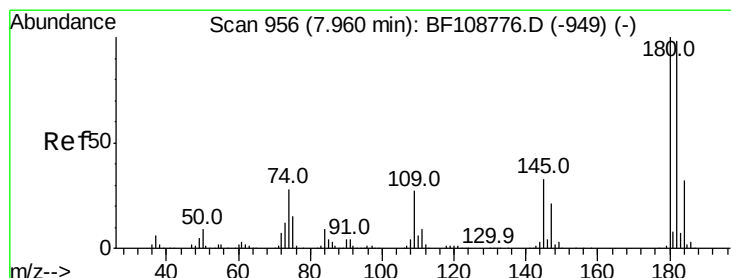
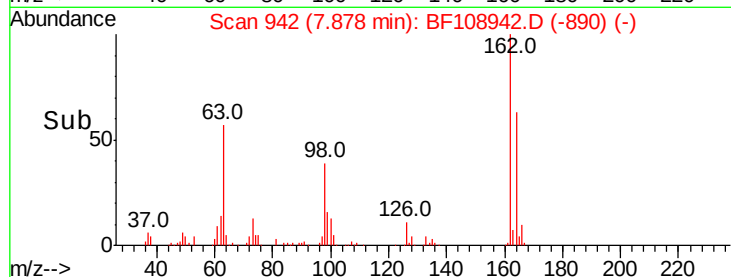
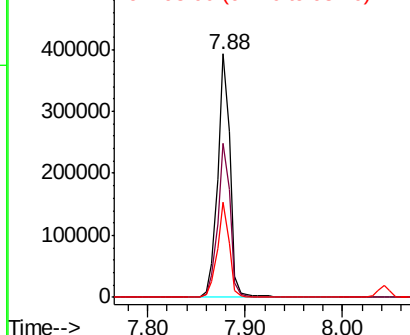
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 344837 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.0  | 42.7  | 82.7   |
| 98        | 38.9  | 18.1  | 58.1   |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 34.865 ng

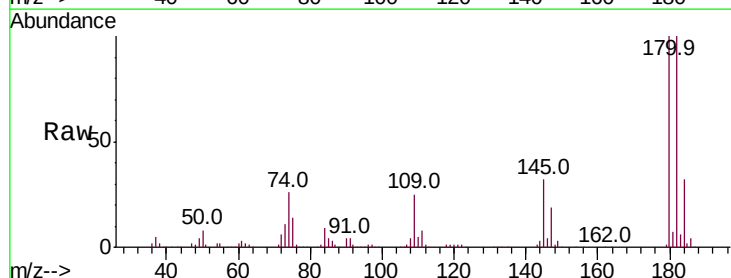
RT: 7.97 min Scan# 957

Delta R.T. 0.01 min

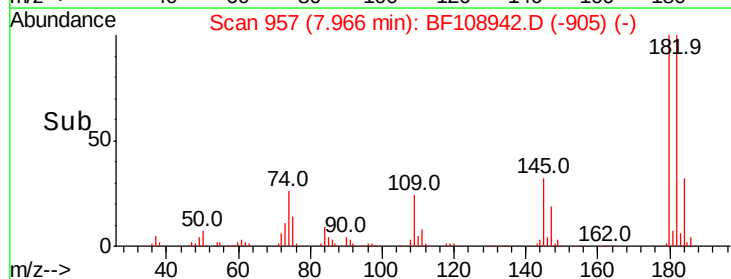
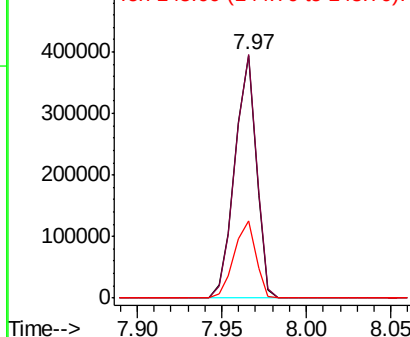
Lab File: BF108942.D

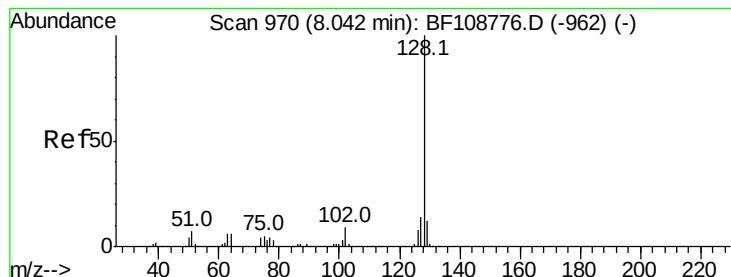
Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 349589 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 100.2 | 76.8  | 115.2  |
| 145       | 31.9  | 26.5  | 39.7   |



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





#31

Naphthalene

Concen: 38.989 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-040MS

Tot Ion:128 Resp: 1147489

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

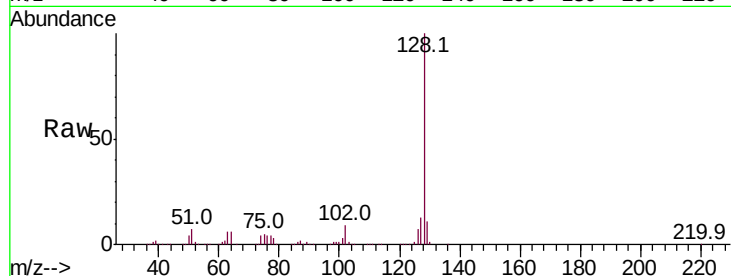
127 13.4 10.9 16.3

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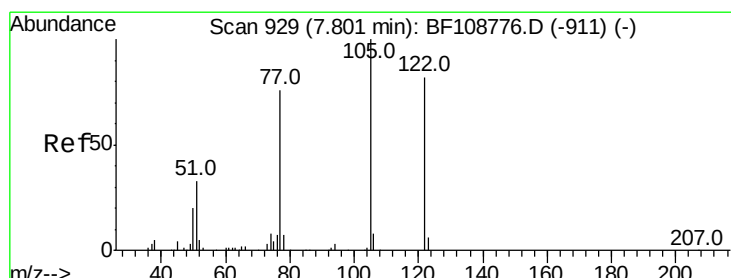
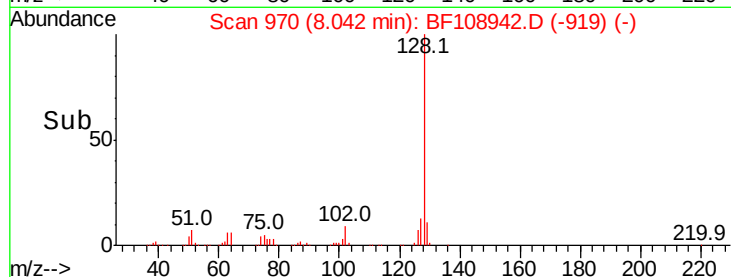
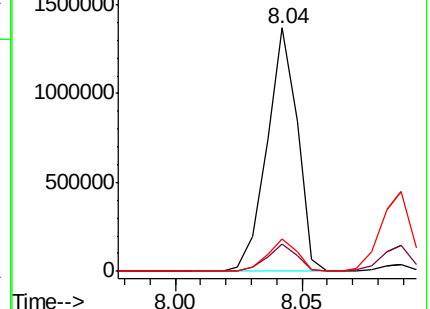
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.539 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

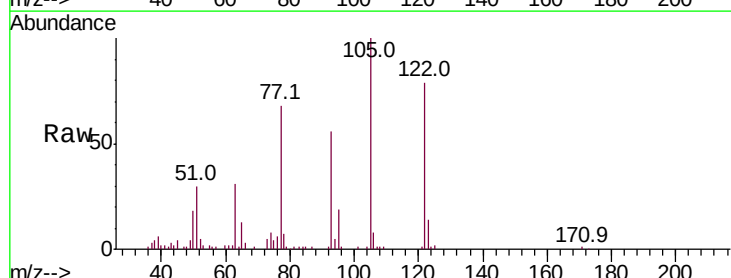
Tgt Ion:122 Resp: 142243

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

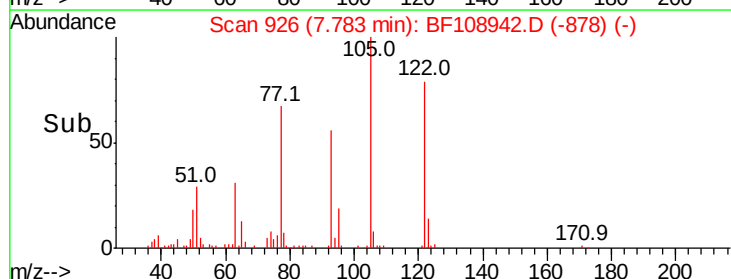
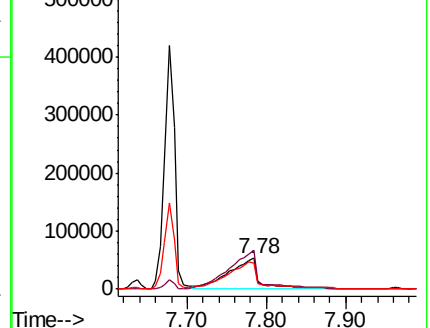
77 85.7 70.7 110.7

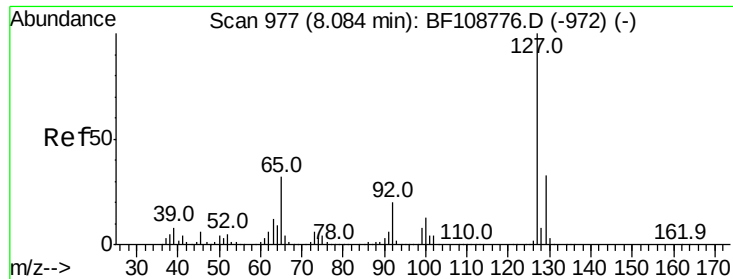


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





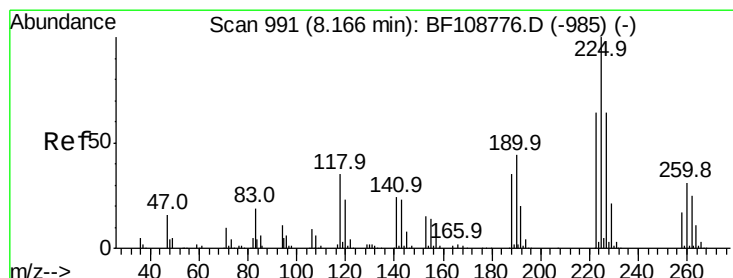
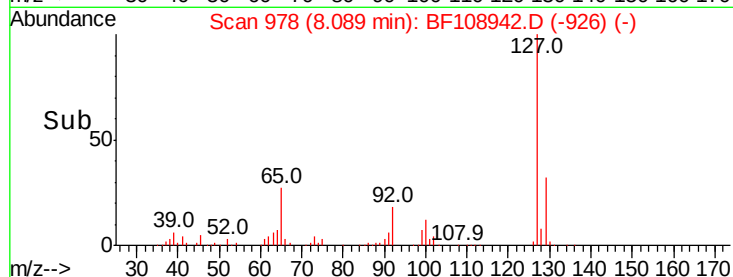
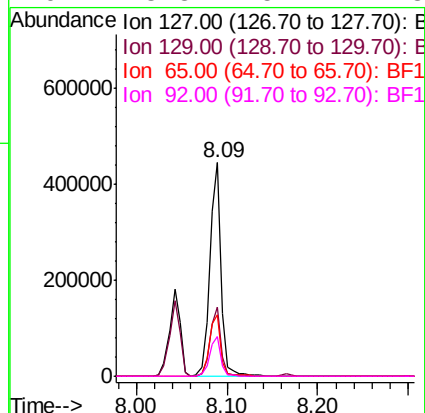
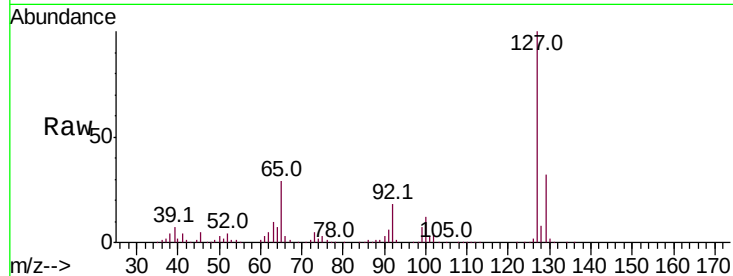
#33  
4-Chloroaniline  
Concen: 29.027 ng  
RT: 8.09 min Scan# 978  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.4  | 25.9 | 38.9  |       |
| 65      | 28.5  | 25.0 | 37.4  |       |
| 92      | 18.3  | 15.2 | 22.8  |       |

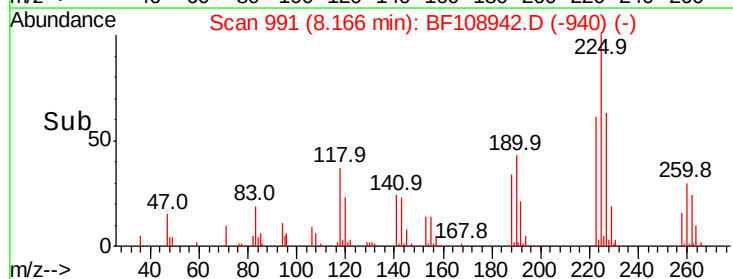
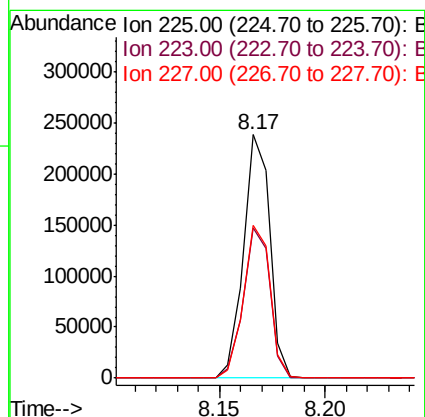
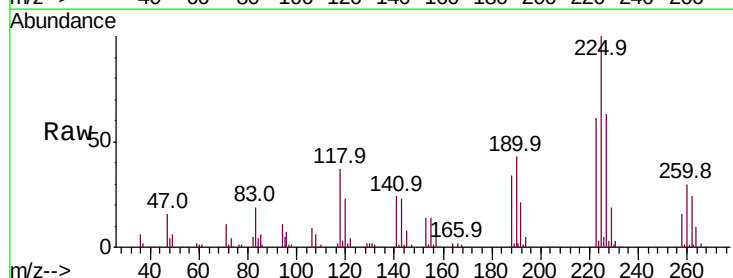
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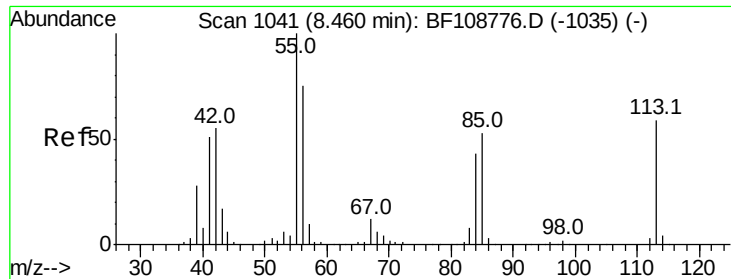
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#34  
Hexachlorobutadiene  
Concen: 34.307 ng  
RT: 8.17 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 61.4  | 50.6 | 76.0  |       |
| 227     | 62.6  | 51.9 | 77.9  |       |





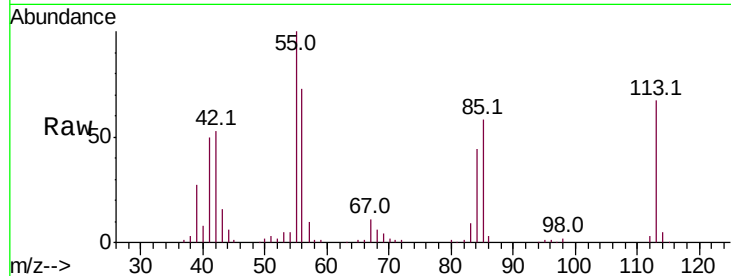
#35  
 Caprolactam  
 Concen: 35.967 ng/ml  
 RT: 8.45 min Scan# 1040  
 Delta R.T. -0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 149.3 | 163.3 | 203.3# |
| 56      | 108.7 | 115.7 | 155.7# |

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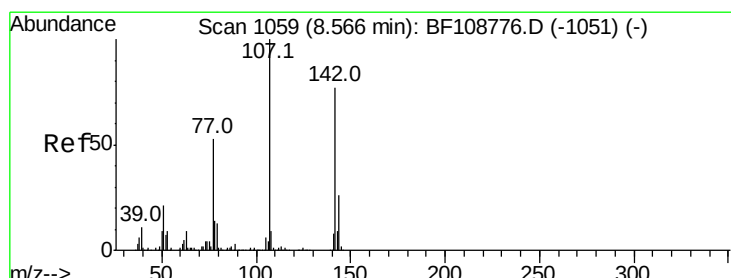
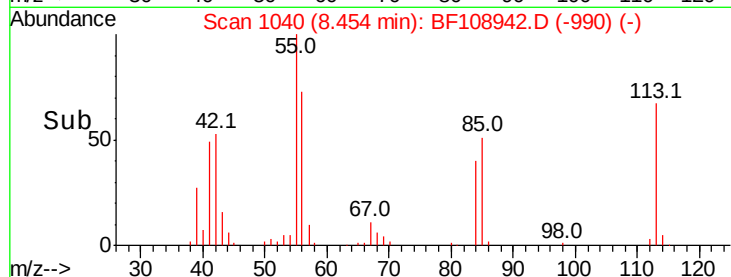
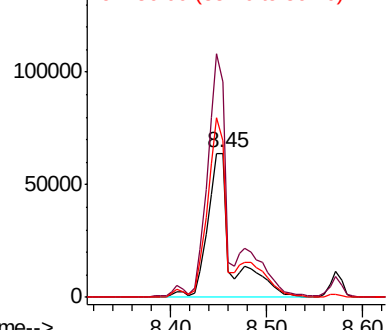


Abundance

Ion 113.00 (112.70 to 113.70): E

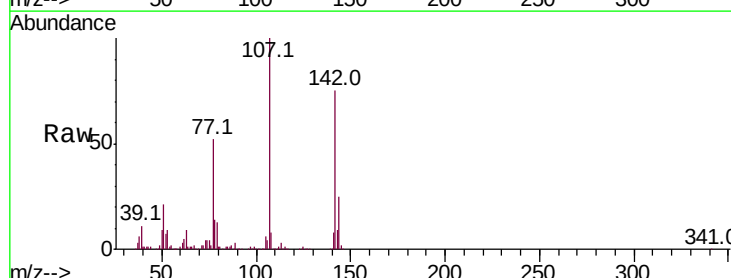
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36  
 4-Chloro-3-methylphenol  
 Concen: 35.929 ng/ml  
 RT: 8.57 min Scan# 1060  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.0  | 20.5  | 30.7  |
| 142     | 75.5  | 62.0  | 93.0  |

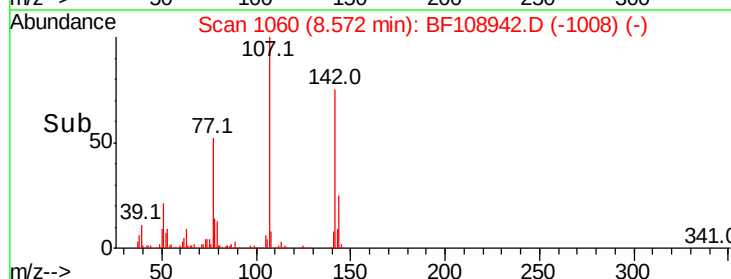
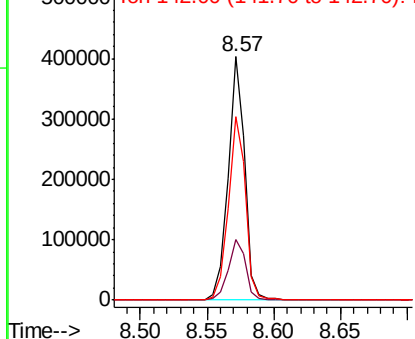


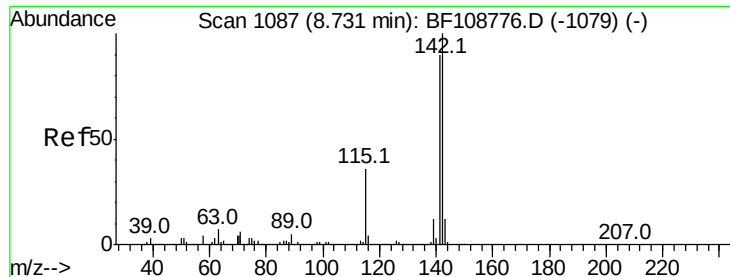
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





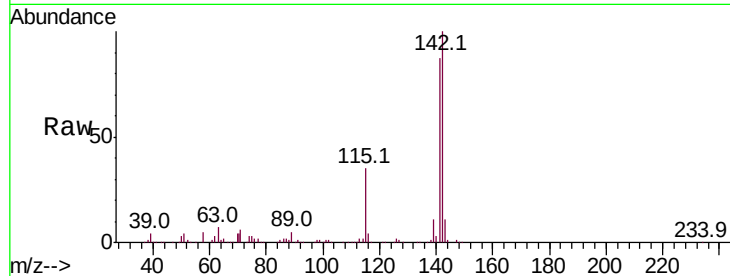
#37  
2-Methylnaphthalene  
Concen: 38.842 ng  
RT: 8.73 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.0  | 70.8  | 106.2 |
| 115     | 34.9  | 26.1  | 39.1  |

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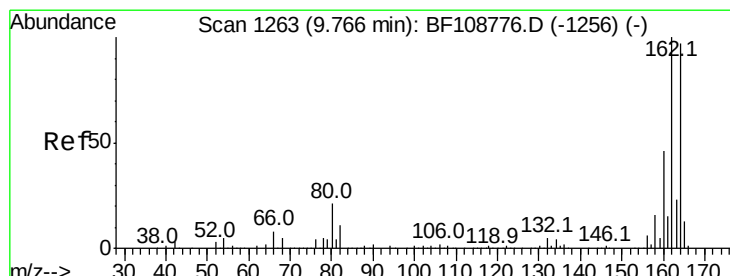
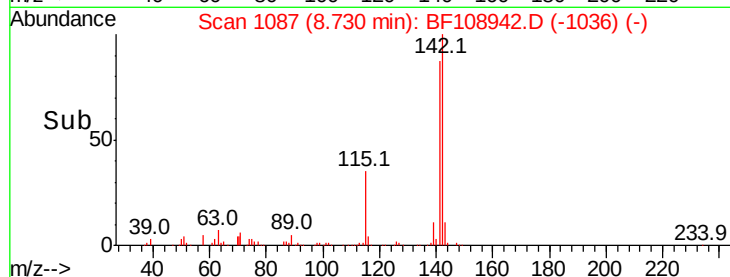
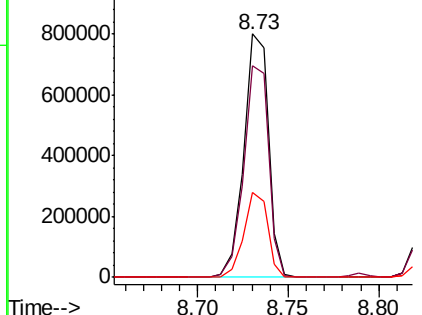


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.77 min Scan# 1264  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

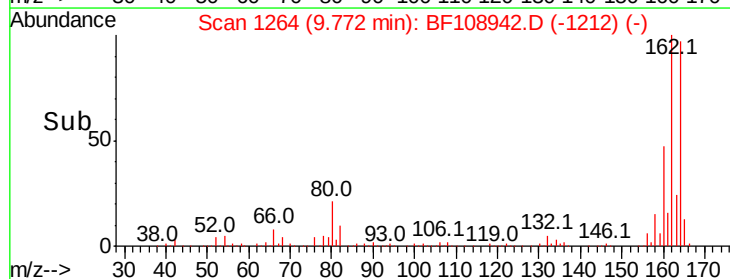
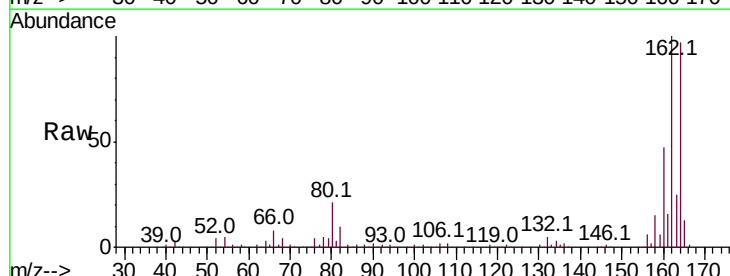
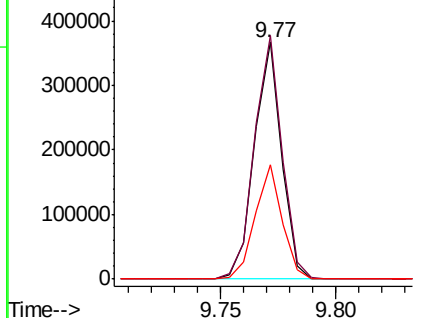
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 86.1  | 129.1 |
| 160     | 48.0  | 38.3  | 57.5  |

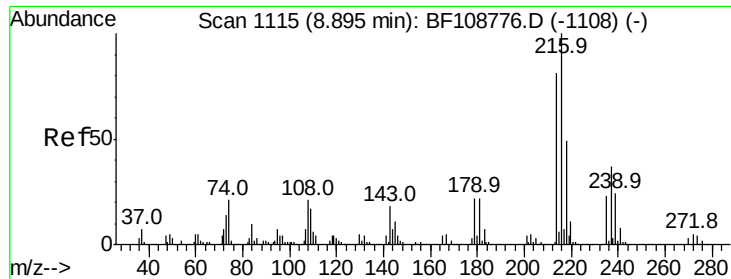
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





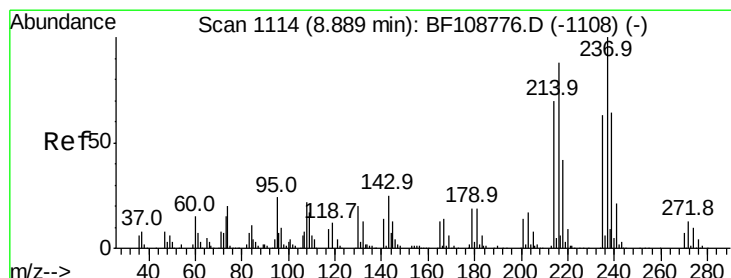
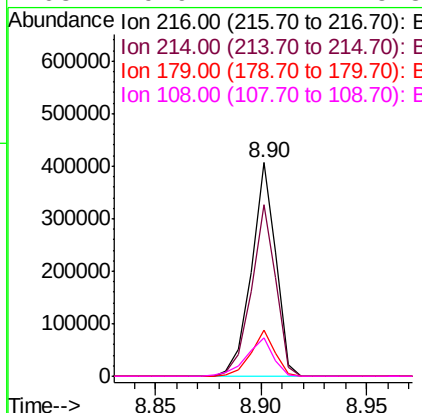
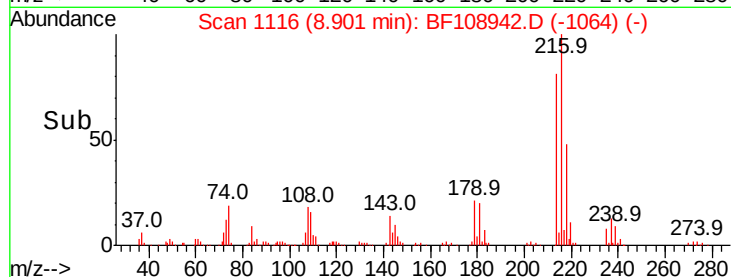
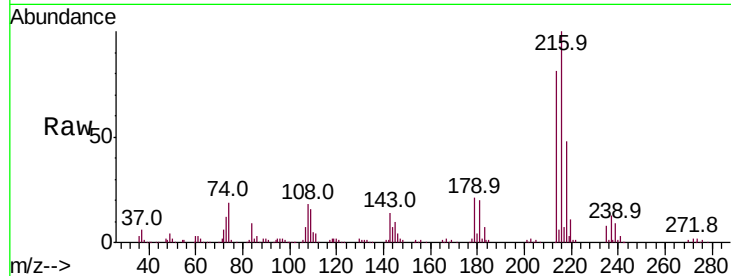
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.110 ng  
 RT: 8.90 min Scan# 1116  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 80.4  | 63.0 | 94.4  |       |
| 179     | 20.8  | 18.1 | 27.1  |       |
| 108     | 19.9  | 17.2 | 25.8  |       |

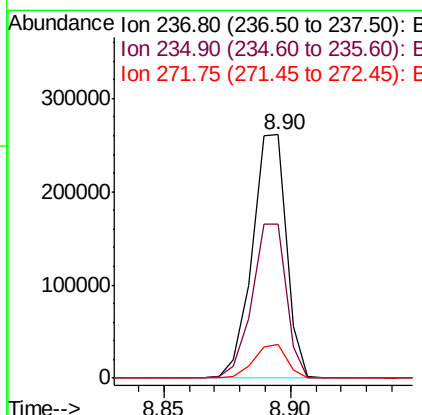
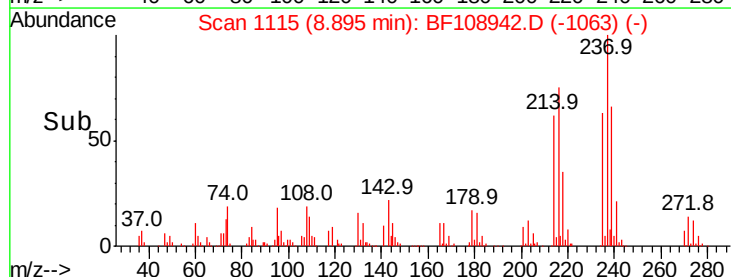
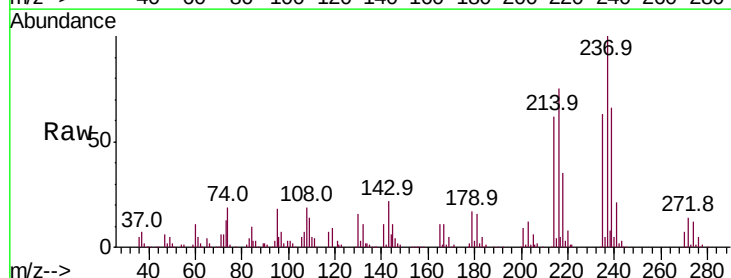
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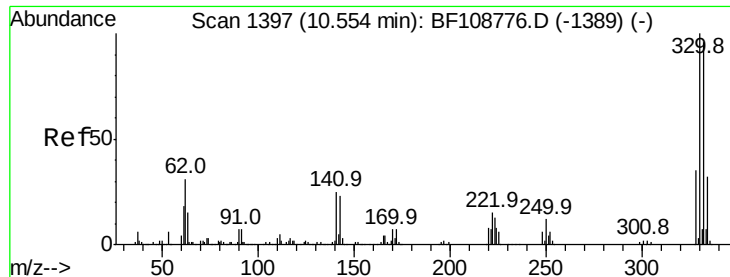


#40  
 Hexachlorocyclopentadiene  
 Concen: 54.307 ng  
 RT: 8.90 min Scan# 1115  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 63.3  | 44.8 | 84.8  |       |
| 272     | 13.8  | 0.0  | 33.3  |       |







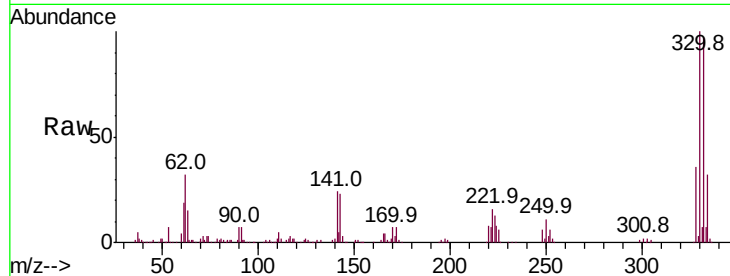
#41  
 2,4,6-Tribromophenol  
 Concen: 99.071 ng  
 RT: 10.56 min Scan# 1398  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 285914 |       |       |
| 332     | 97.1  | 77.0   | 115.6 |       |
| 141     | 32.1  | 29.9   | 44.9  |       |

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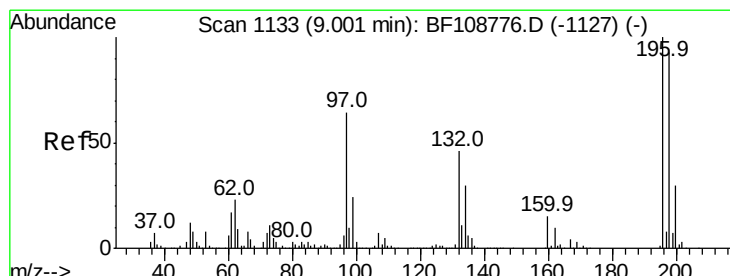
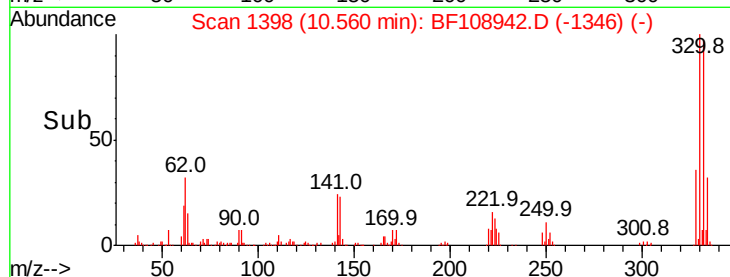
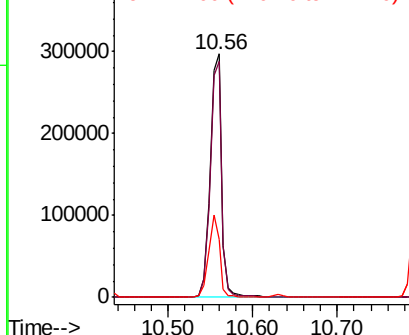


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 38.539 ng  
 RT: 9.01 min Scan# 1135  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

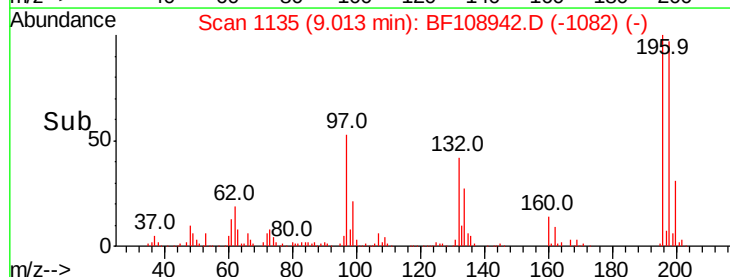
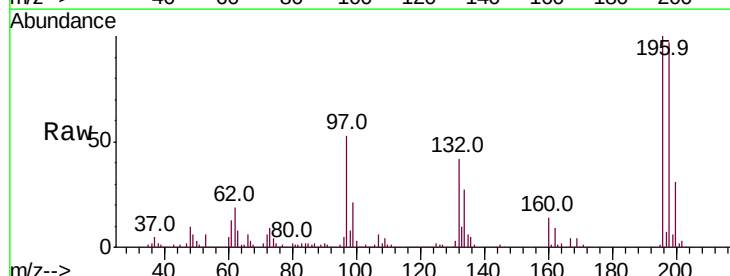
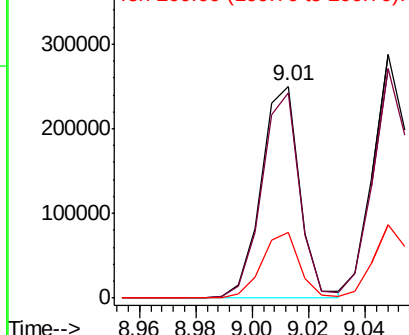
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 237213 |       |       |
| 198     | 96.8  | 75.7   | 113.5 |       |
| 200     | 30.9  | 24.5   | 36.7  |       |

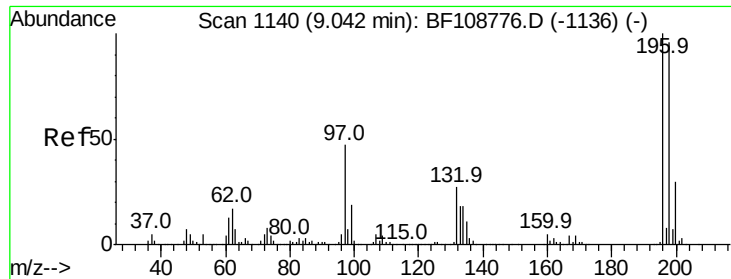
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





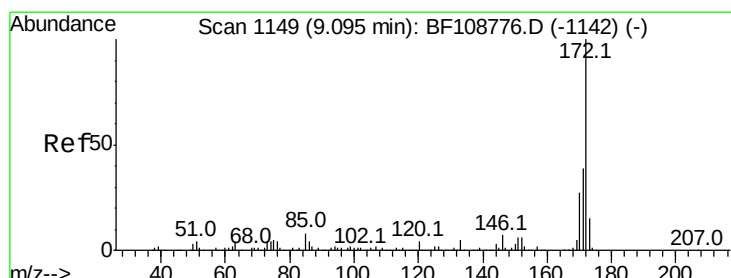
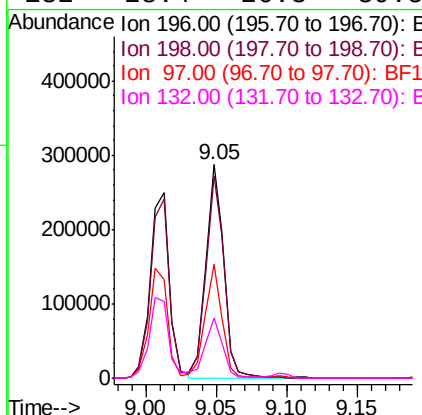
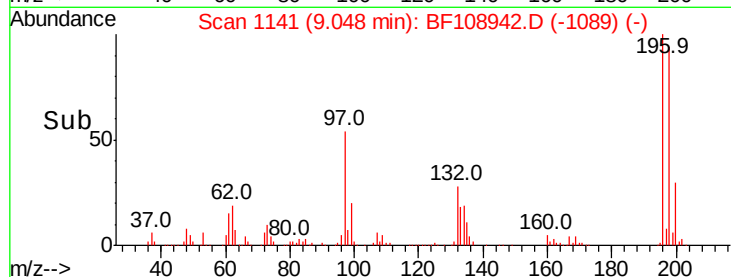
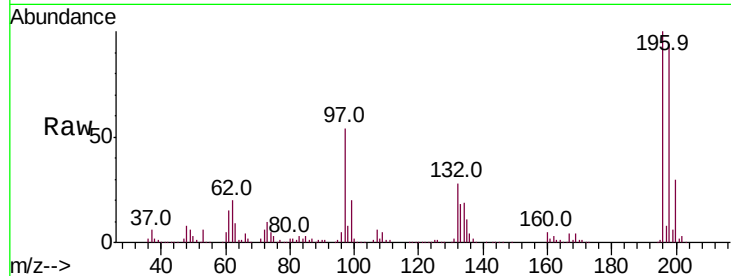
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.321 ng  
 RT: 9.05 min Scan# 1141  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 250878 |       |       |
| 198     | 94.4  |        | 74.6  | 112.0 |
| 97      | 53.5  |        | 42.9  | 64.3  |
| 132     | 28.4  |        | 26.3  | 39.5  |

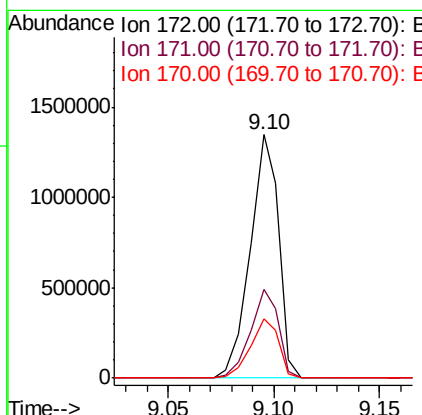
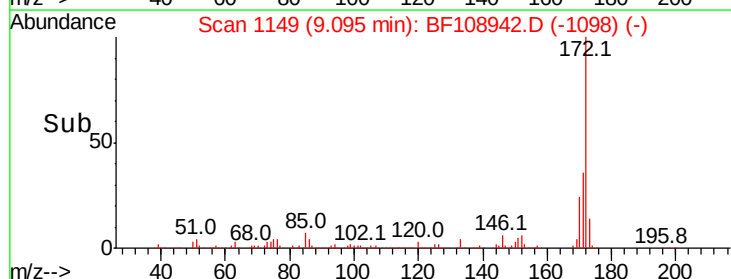
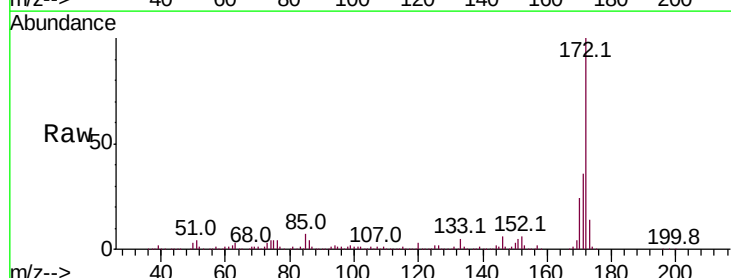
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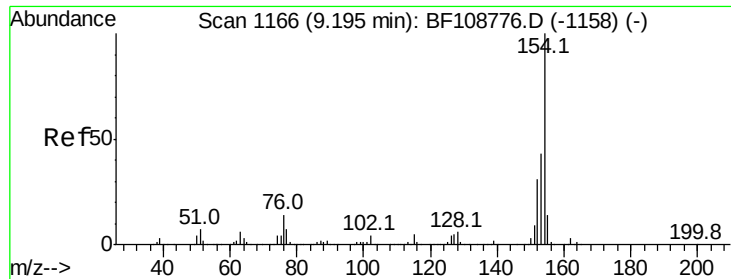
Sohil  
 9/12/2018 9:11:59 AM



#44  
 2-Fluorobiphenyl  
 Concen: 71.165 ng  
 RT: 9.10 min Scan# 1149  
 Delta R.T. -0.00 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1261058 |       |       |
| 171     | 36.4  |         | 29.7  | 44.5  |
| 170     | 24.3  |         | 19.6  | 29.4  |





#45

1,1'-Biphenyl

Concen: 37.755 ng

RT: 9.20 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

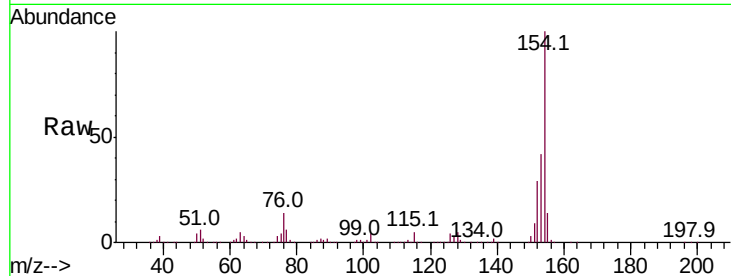
ClientSampleId :

FK-PS-01-040MS

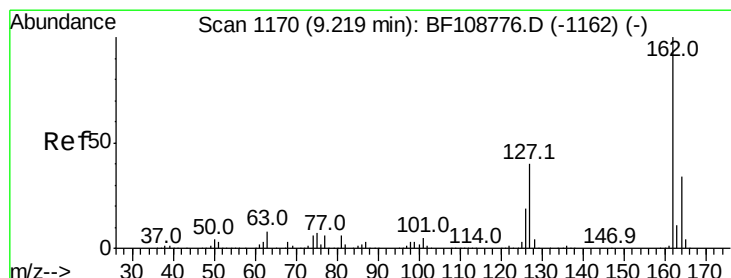
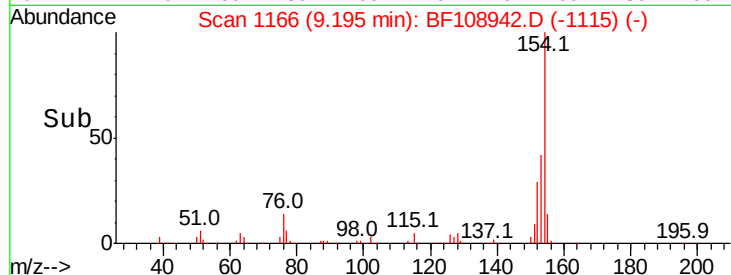
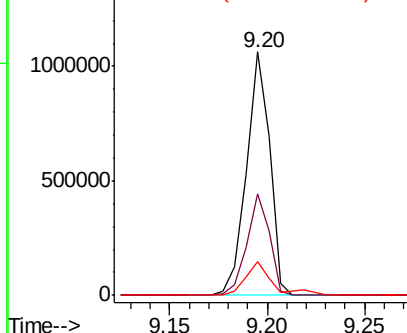
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 878694 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.6  | 21.3  | 61.3   |
| 76        | 13.8  | 0.0   | 34.0   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.238 ng

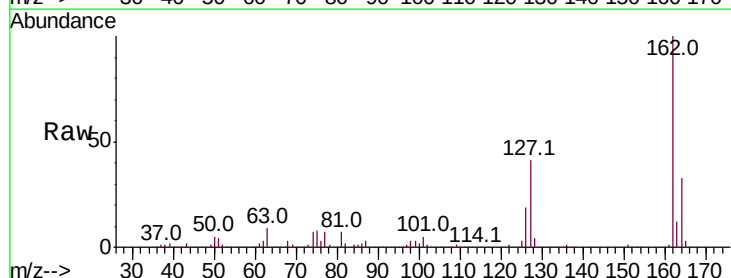
RT: 9.22 min Scan# 1170

Delta R.T. -0.00 min

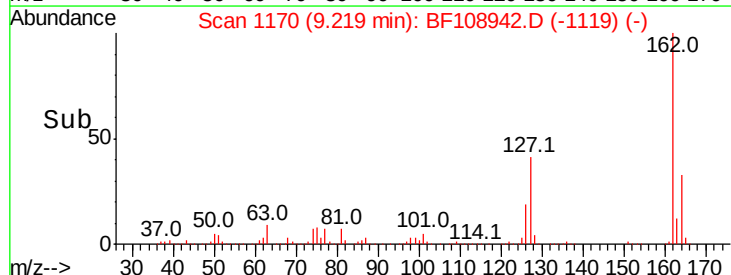
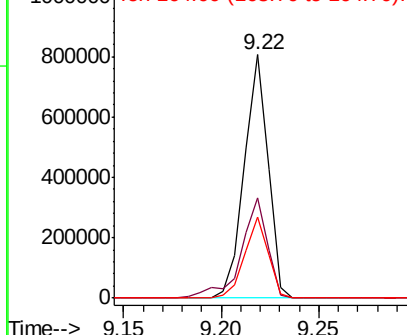
Lab File: BF108942.D

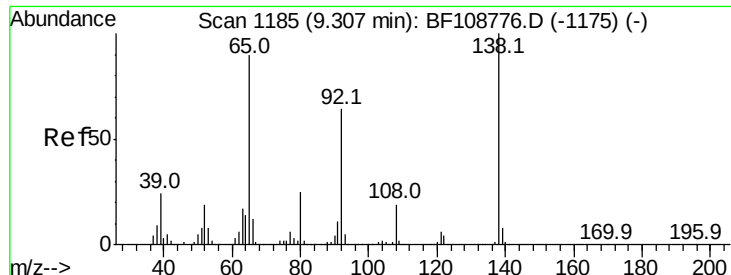
Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 682084 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.3  | 33.9  | 50.9   |
| 164       | 33.2  | 26.5  | 39.7   |



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





#47

2-Nitroaniline

Concen: 44.607 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-040MS

Tot Ion: 65 Resp: 229366

Ion Ratio Lower Upper

65 100

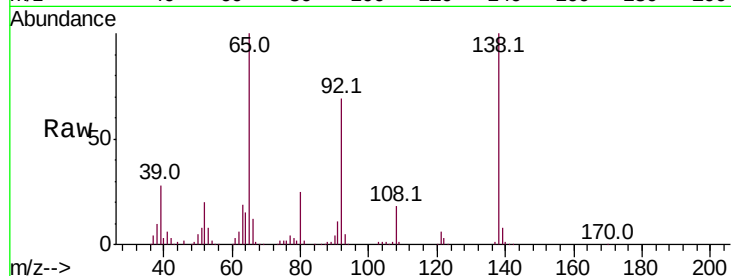
92 68.5 55.8 83.6

138 99.9 91.2 136.8

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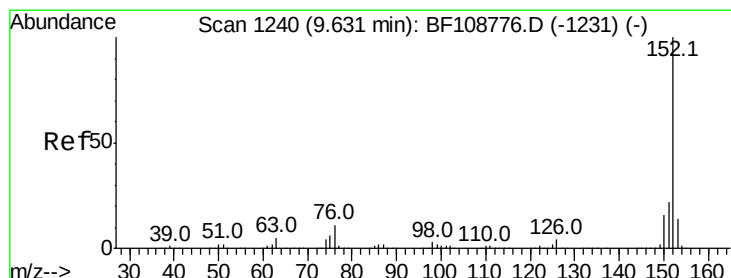
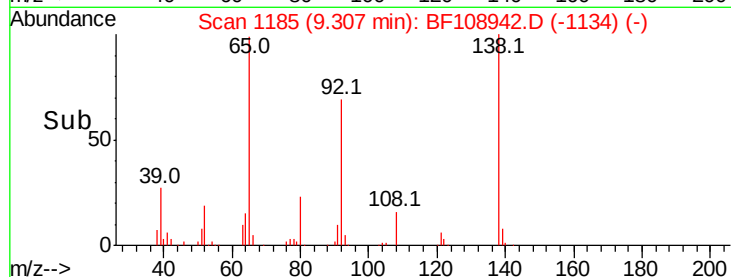
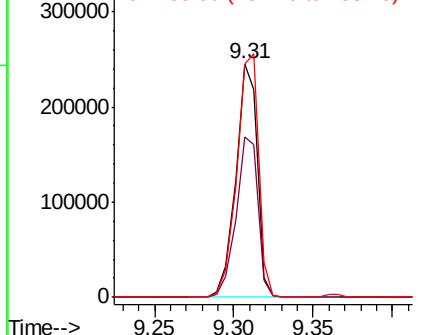
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 39.115 ng

RT: 9.63 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

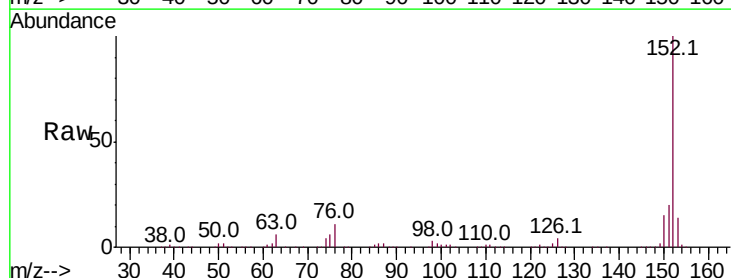
Tgt Ion: 152 Resp: 1097404

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

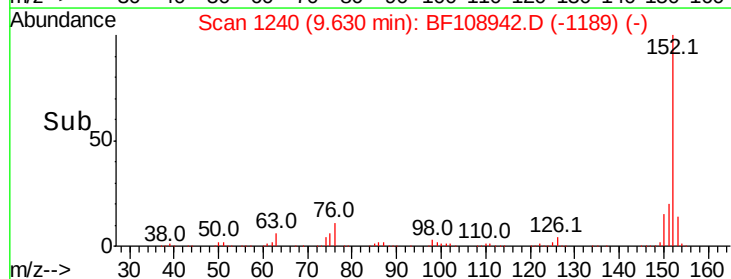
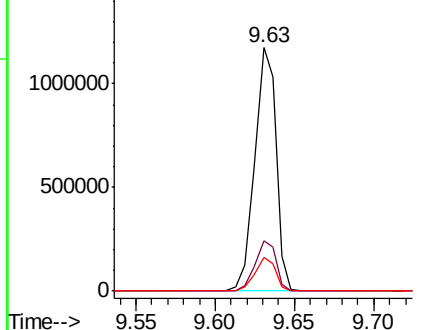
153 13.7 10.7 16.1

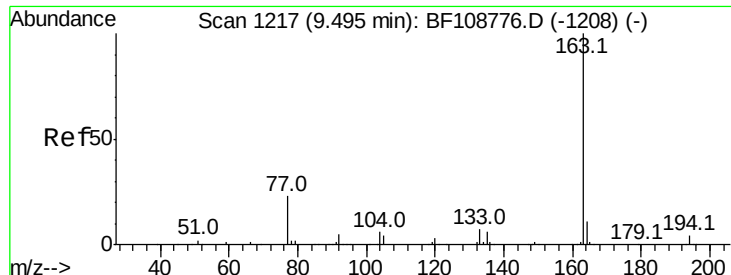


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





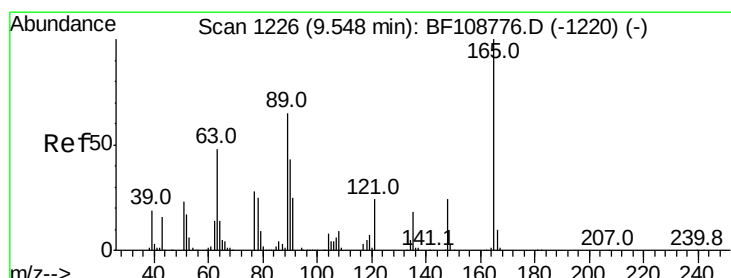
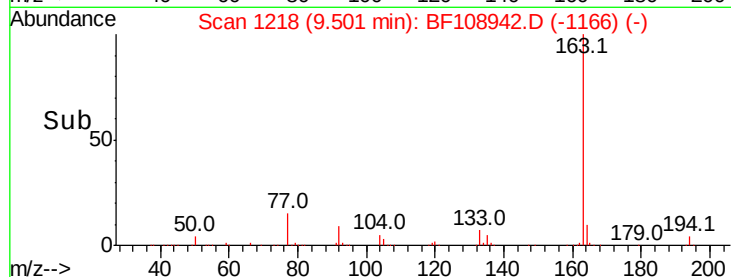
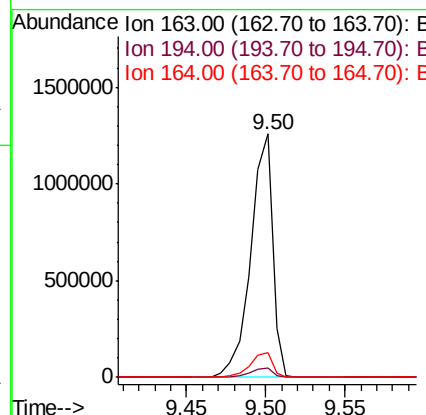
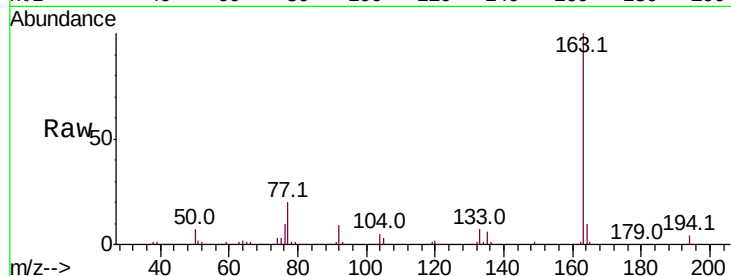
#49  
Dimethylphthalate  
Concen: 56.747 ng  
RT: 9.50 min Scan# 1218  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 2.7   | 4.1   |
| 164     | 10.2  | 8.2   | 12.2  |

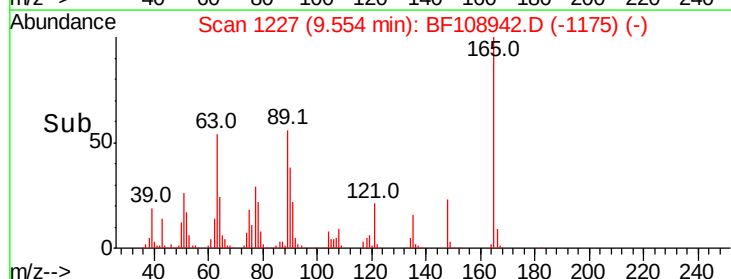
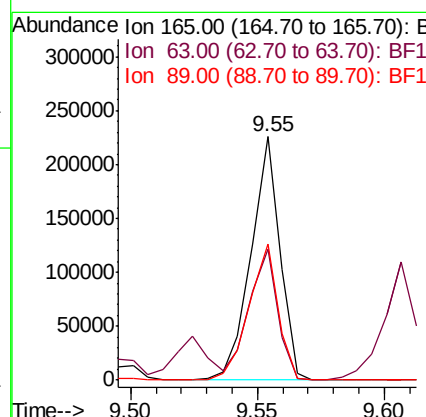
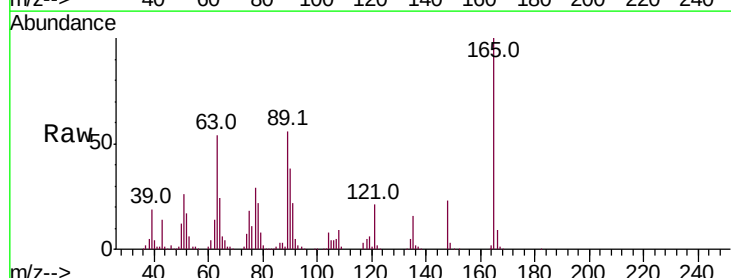
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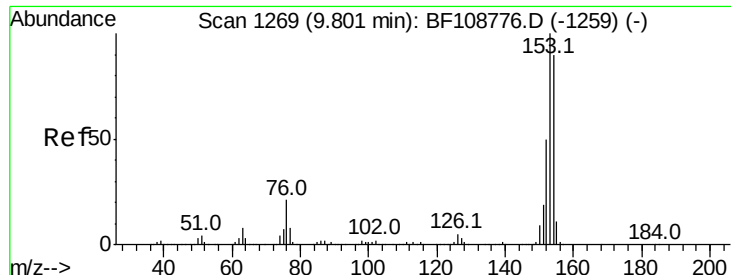
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#50  
2,6-Dinitrotoluene  
Concen: 44.810 ng  
RT: 9.55 min Scan# 1227  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.7  | 44.7  | 67.1  |
| 89      | 55.7  | 44.0  | 66.0  |





#51

Acenaphthene

Concen: 38.314 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

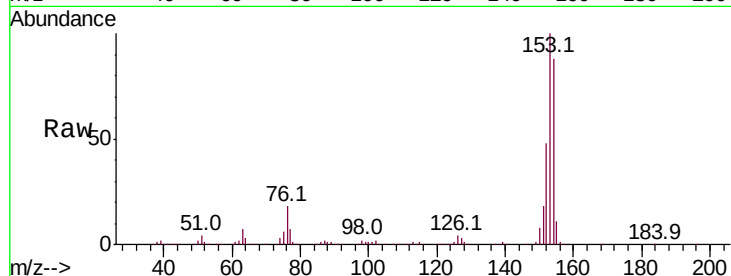
ClientSampleId :

FK-PS-01-040MS

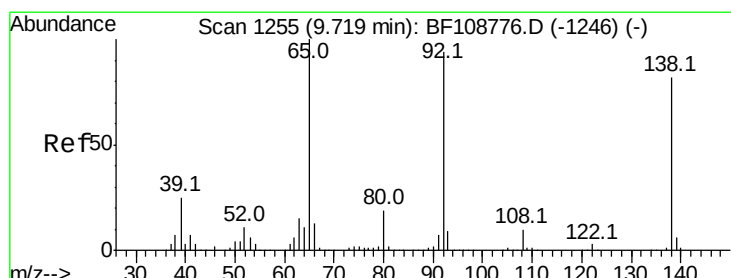
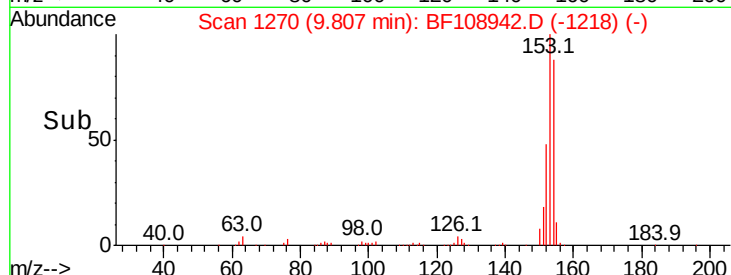
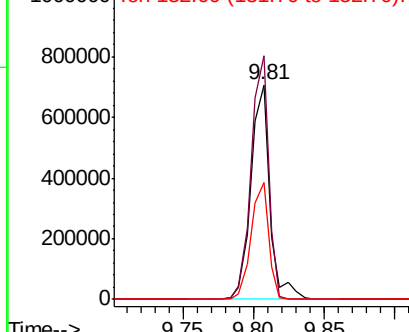
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 665188 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.5 | 91.2  | 136.8  |
| 152       | 54.6  | 43.8  | 65.8   |

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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: 34.683 ng

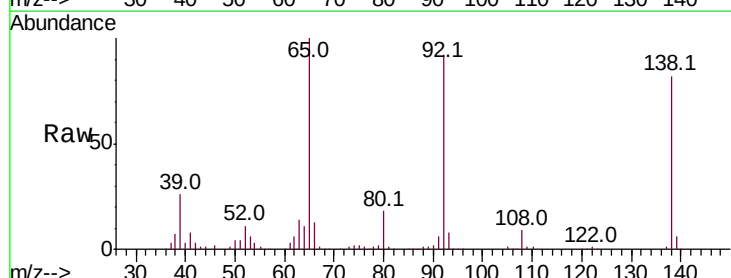
RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

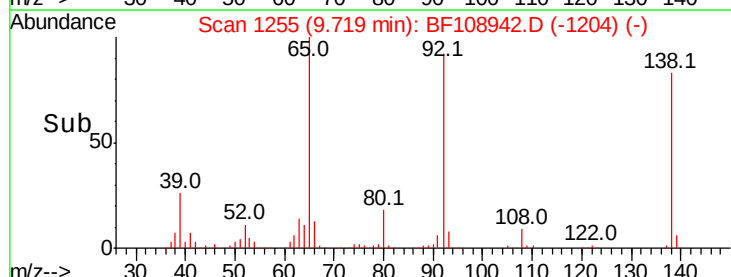
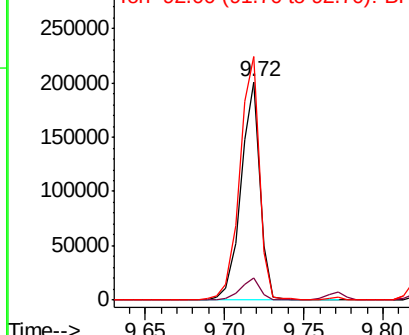
Lab File: BF108942.D

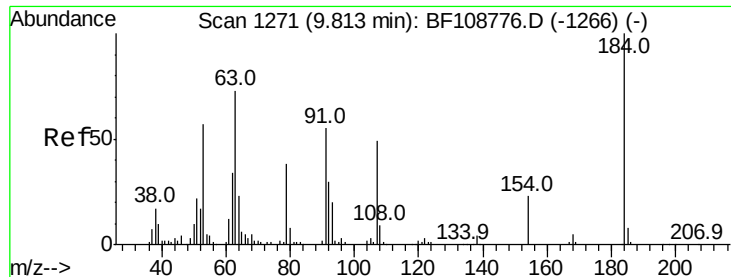
Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 166341 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.4  | 9.4   | 14.0   |
| 92        | 111.4 | 89.4  | 134.2  |



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): BF1





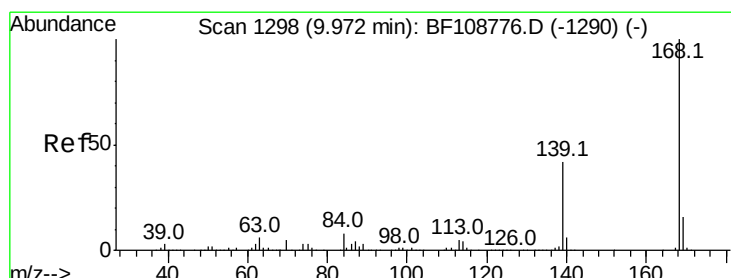
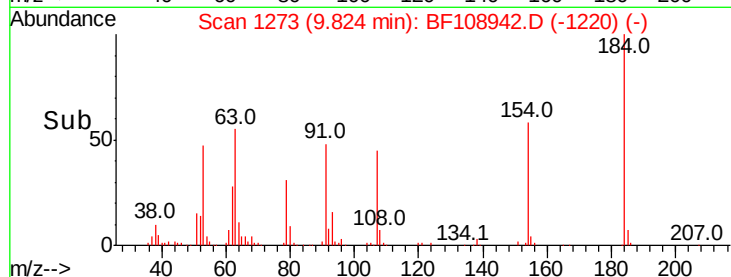
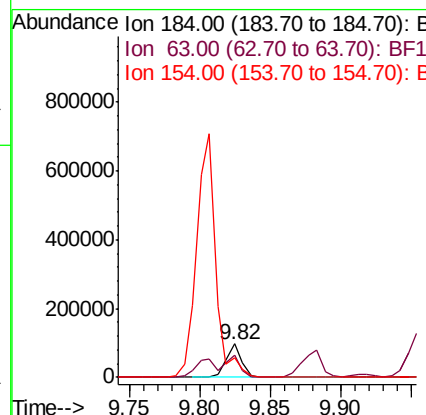
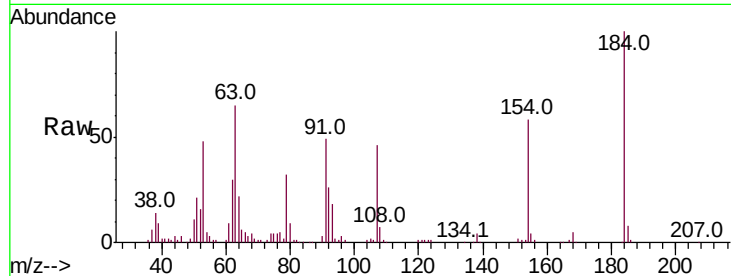
#53  
2,4-Dinitrophenol  
Concen: 53.851 ng  
RT: 9.82 min Scan# 1273  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 64.8  | 54.2  | 81.2   |
| 154     | 57.9  | 184.0 | 276.0# |

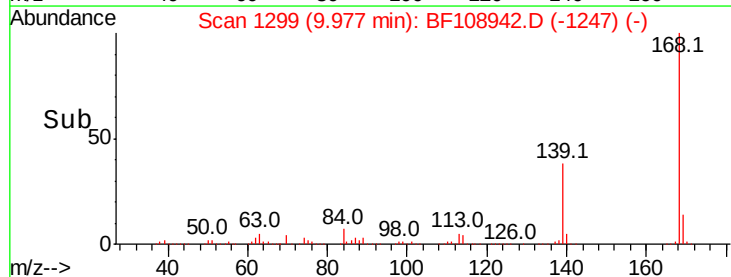
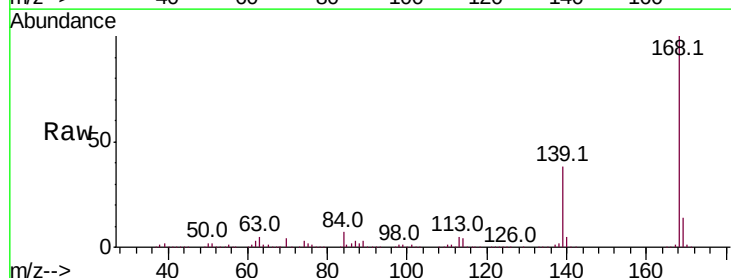
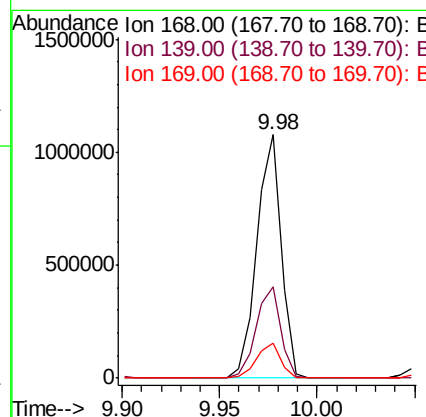
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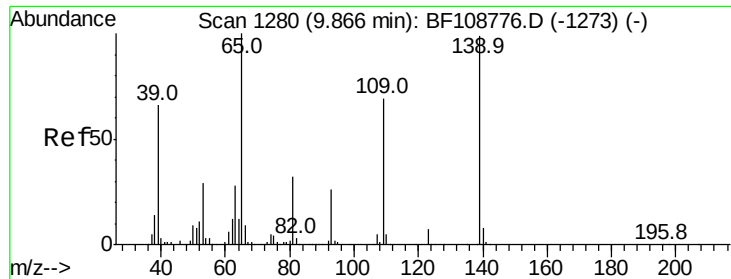
Sohil  
9/12/2018 9:11:59 AM



#54  
Dibenzofuran  
Concen: 36.736 ng  
RT: 9.98 min Scan# 1299  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.7  | 30.1  | 45.1  |
| 169     | 14.3  | 10.9  | 16.3  |





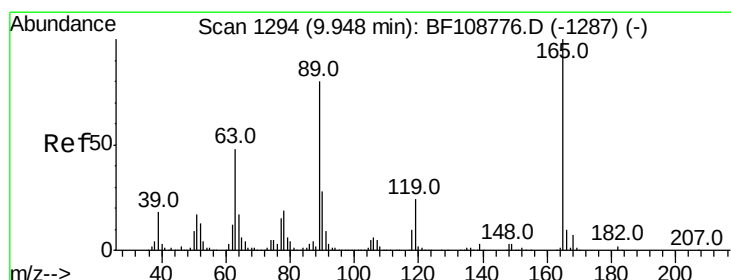
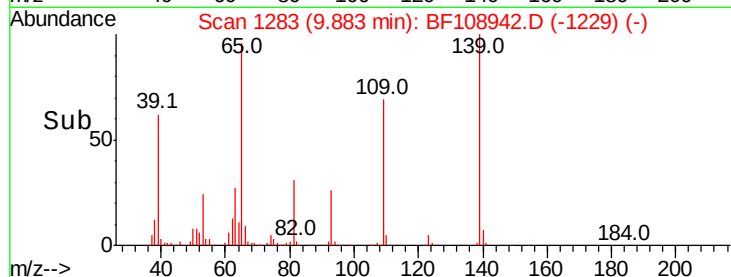
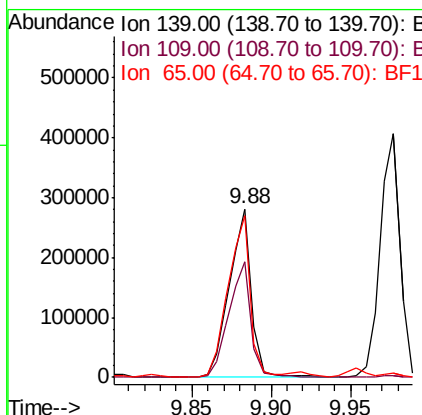
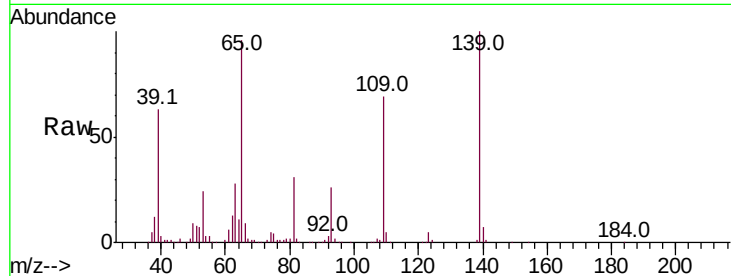
#55  
4-Nitrophenol  
Concen: 76.168 ng  
RT: 9.88 min Scan# 1283  
Delta R.T. 0.02 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleID :  
FK-PS-01-040MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 273092 |       |       |
| 109     | 68.6  | 48.4   | 88.4  |       |
| 65      | 95.7  | 72.6   | 112.6 |       |

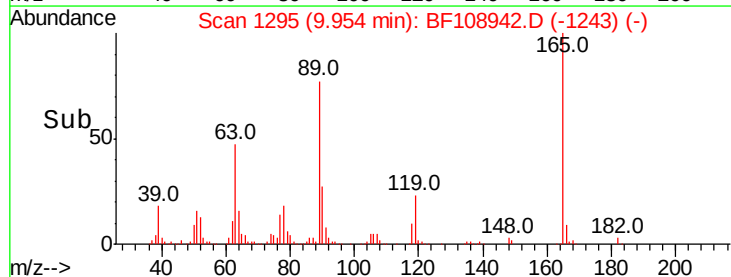
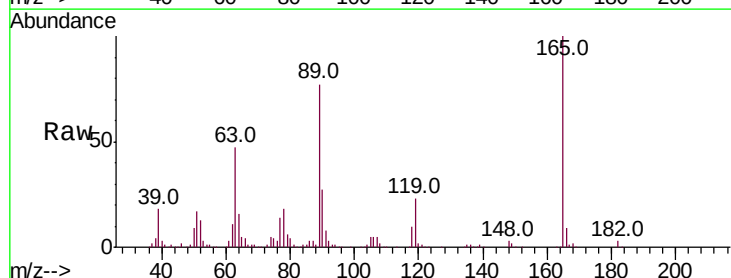
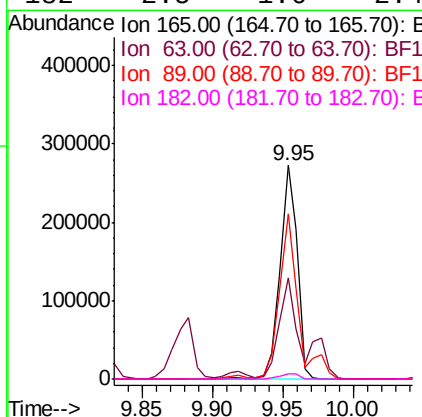
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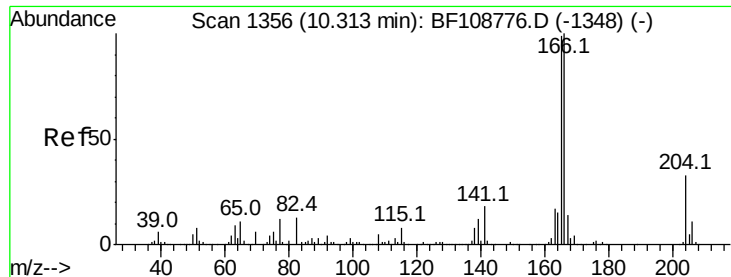


#56  
2,4-Dinitrotoluene  
Concen: 44.676 ng  
RT: 9.95 min Scan# 1295  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 230192 |       |       |
| 63      | 47.1  | 36.4   | 54.6  |       |
| 89      | 77.1  | 57.8   | 86.6  |       |
| 182     | 2.5   | 1.6    | 2.4#  |       |







#57

Fluorene

Concen: 41.504 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-040MS

Tot Ion:166 Resp: 674051

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

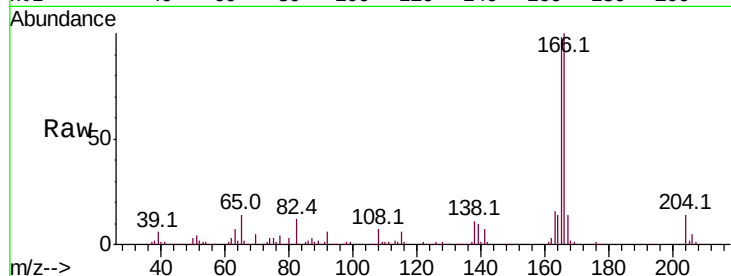
167 13.5 10.6 16.0

Manual Integrations

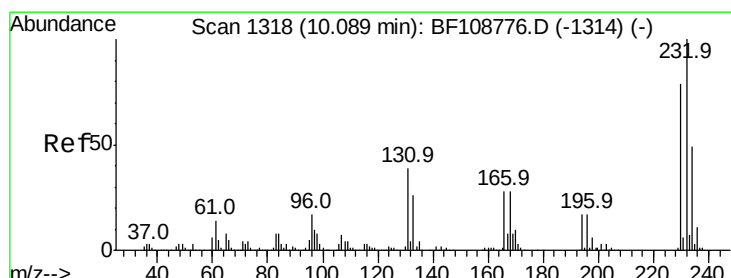
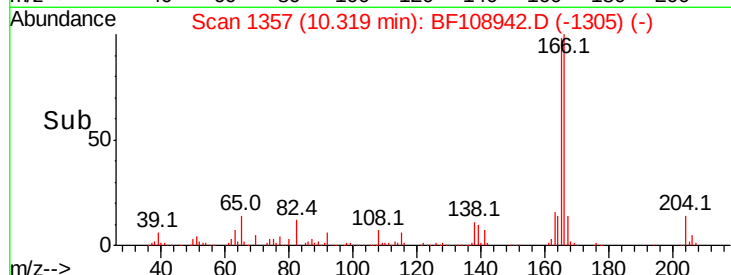
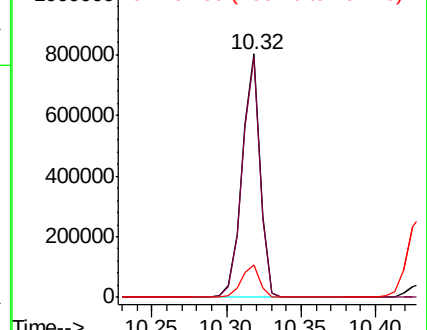
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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.342 ng

RT: 10.10 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Tgt Ion:232 Resp: 202425

Ion Ratio Lower Upper

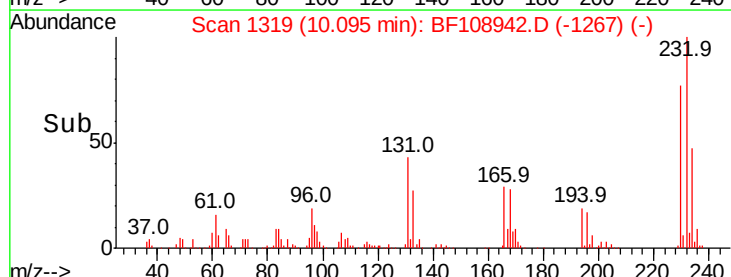
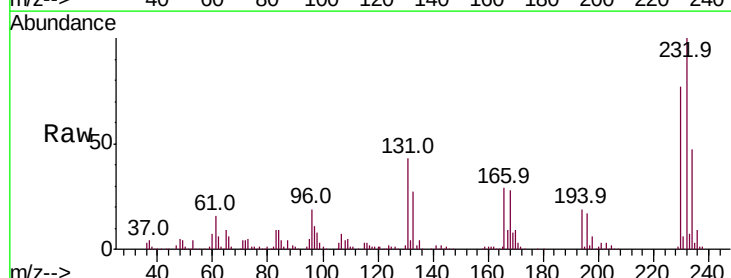
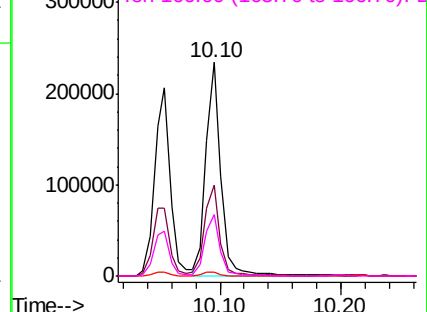
232 100

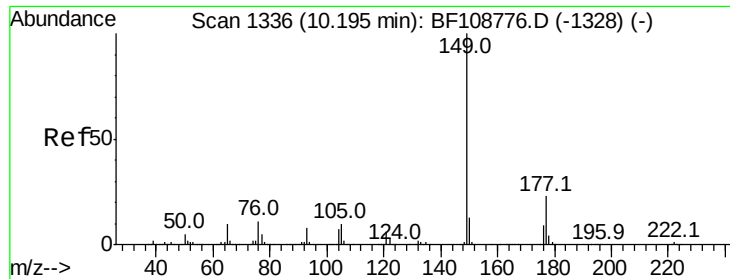
131 43.0 43.8 65.8#

130 2.1 2.1 3.1#

166 29.3 27.8 41.6

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





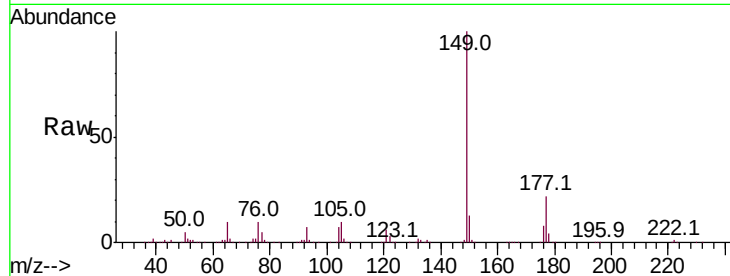
#59  
Diethylphthalate  
Concen: 36.399 ng  
RT: 10.20 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

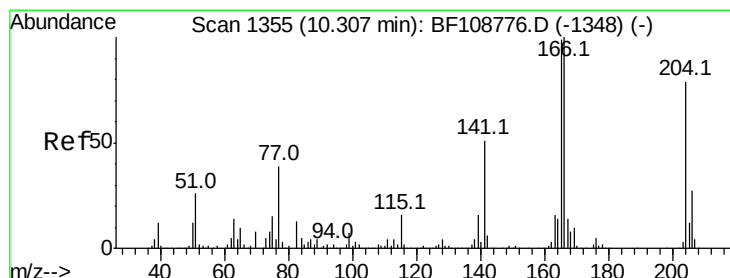
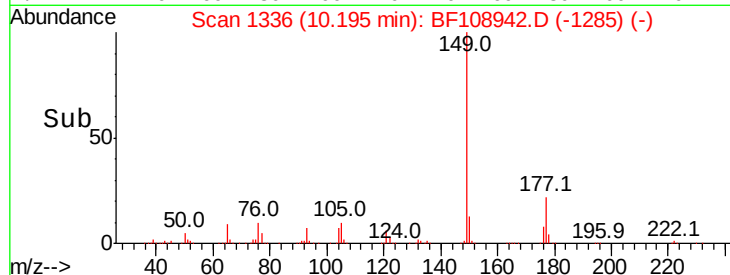
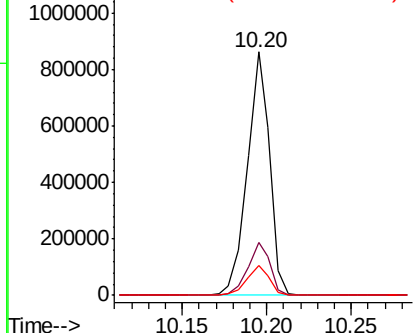
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 794218 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.5  | 16.1  | 24.1   |
| 150       | 12.5  | 10.1  | 15.1   |

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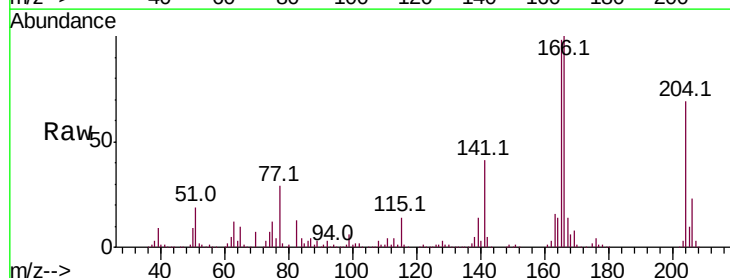


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

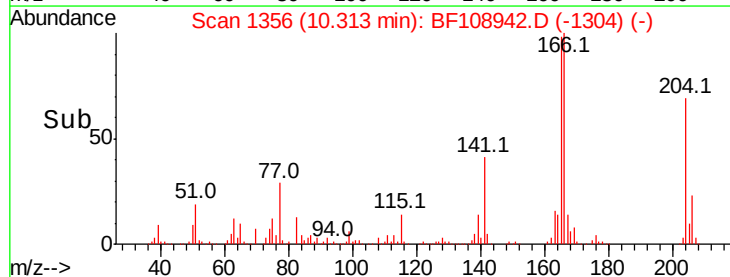
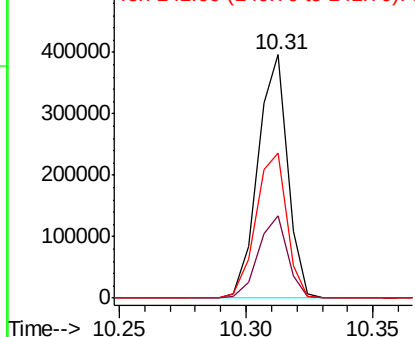


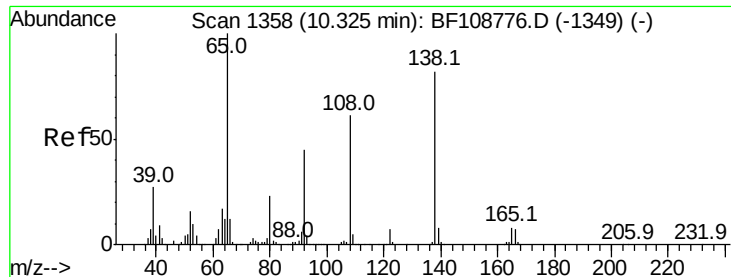
#60  
4-Chlorophenyl-phenylether  
Concen: 37.557 ng  
RT: 10.31 min Scan# 1356  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 325755 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 34.0  | 26.5  | 39.7   |
| 141       | 59.4  | 54.6  | 81.8   |



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





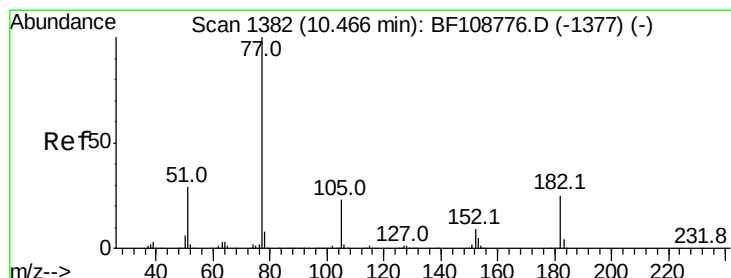
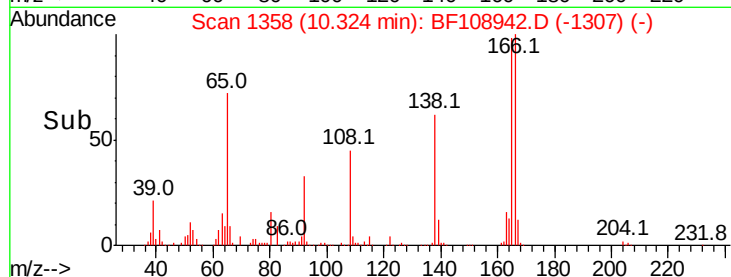
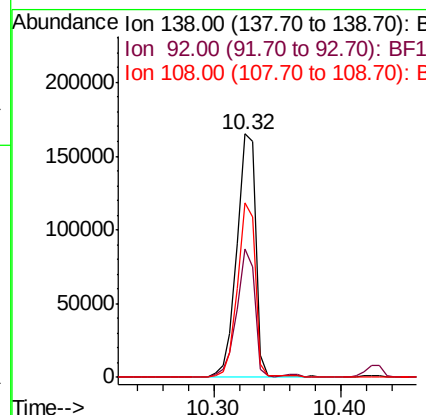
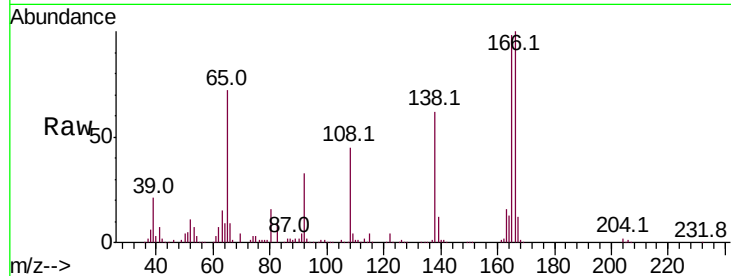
#61  
4-Nitroaniline  
Concen: 39.111 ng  
RT: 10.32 min Scan# 1358  
Delta R.T. -0.00 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 52.5  | 30.2  | 70.2  |
| 108     | 71.8  | 52.5  | 92.5  |

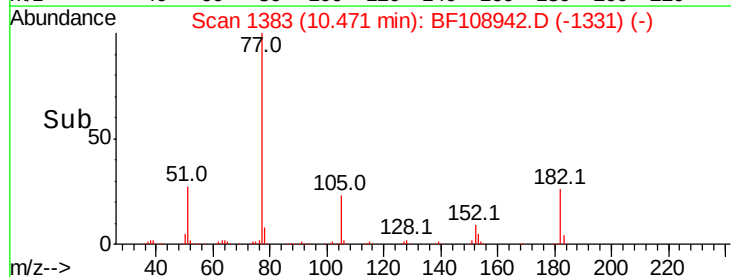
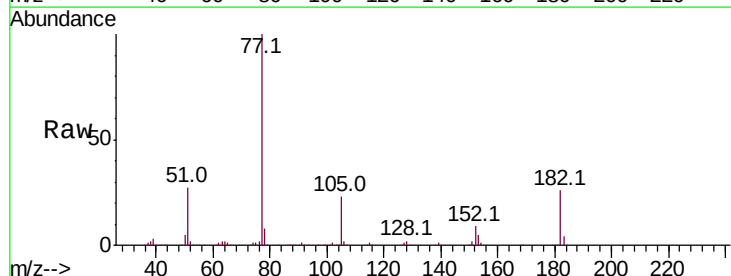
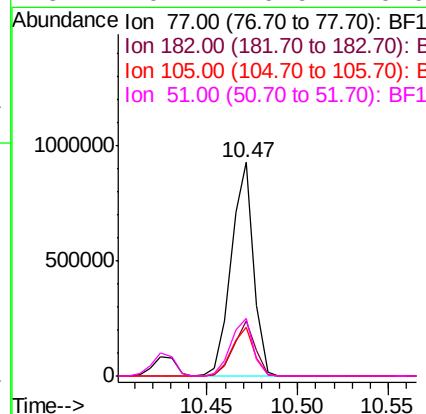
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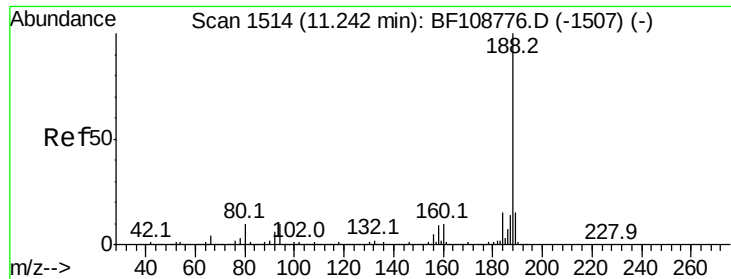
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#62  
Azobenzene  
Concen: 35.057 ng  
RT: 10.47 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.0  | 1.7   | 41.7  |
| 105     | 23.0  | 3.0   | 43.0  |
| 51      | 26.7  | 9.9   | 49.9  |





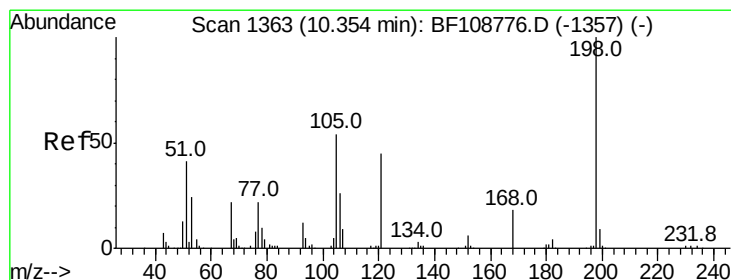
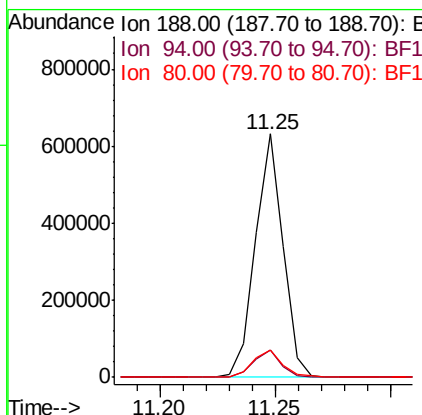
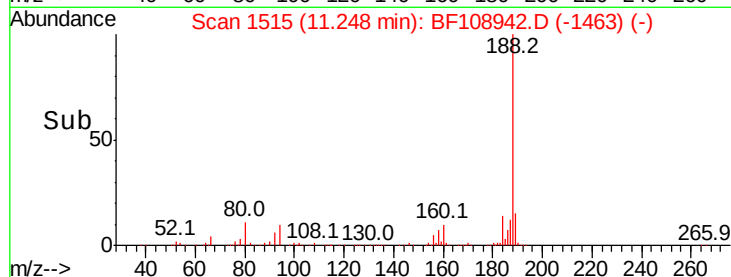
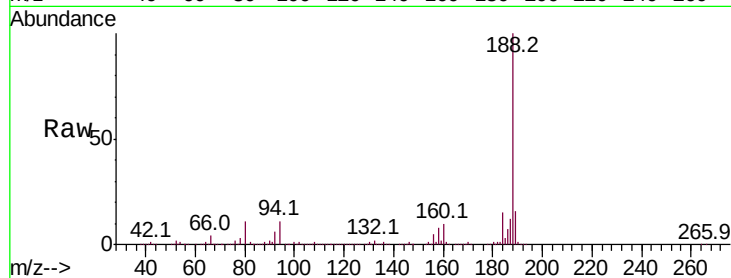
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.25 min Scan# 1515  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 11.1  | 8.5  | 12.7  |       |
| 80      | 11.1  | 9.2  | 13.8  |       |

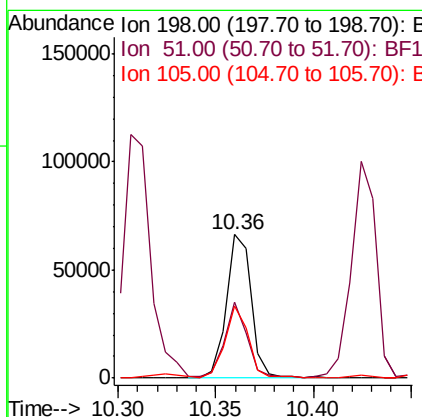
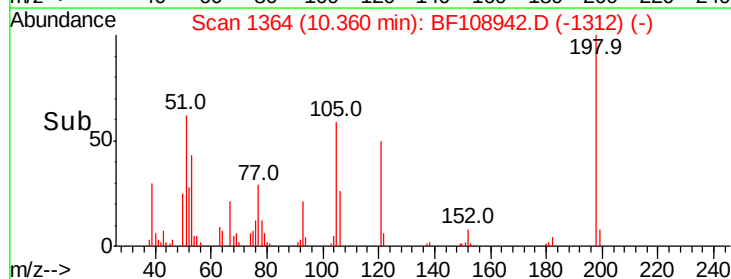
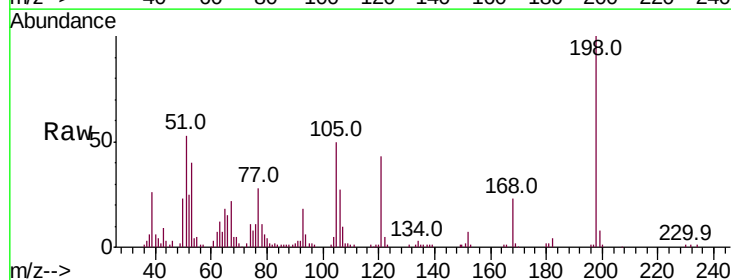
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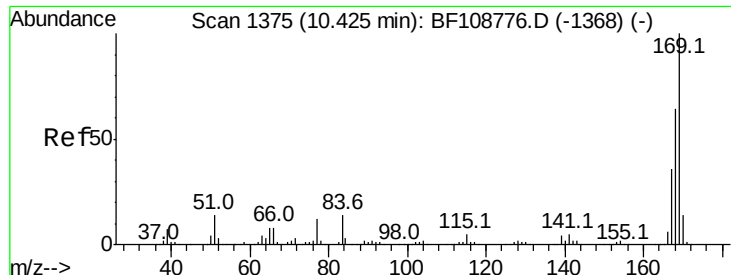
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 31.036 ng  
 RT: 10.36 min Scan# 1364  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 52.9  | 37.7 | 77.7  |       |
| 105     | 50.3  | 36.3 | 76.3  |       |





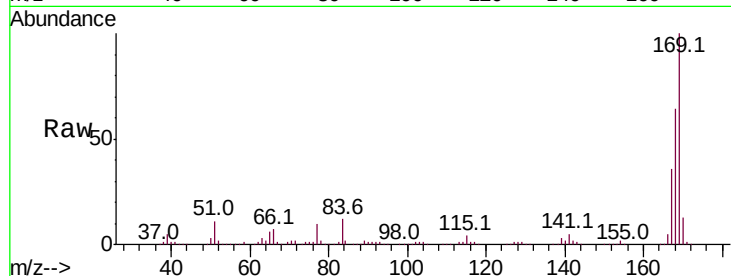
#65  
 n-Nitrosodiphenylamine  
 Concen: 37.806 ng  
 RT: 10.43 min Scan# 1376  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 666574 |       |       |
| 168     | 63.7  |        | 54.4  | 81.6  |
| 167     | 35.6  |        | 29.8  | 44.6  |

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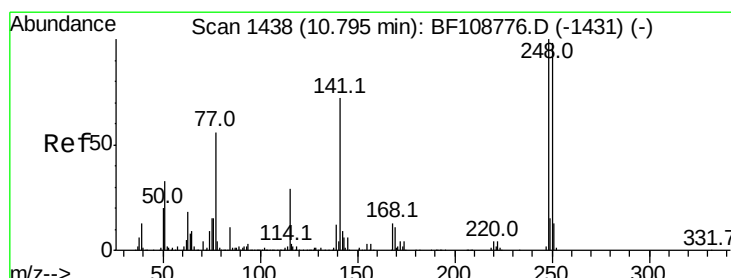
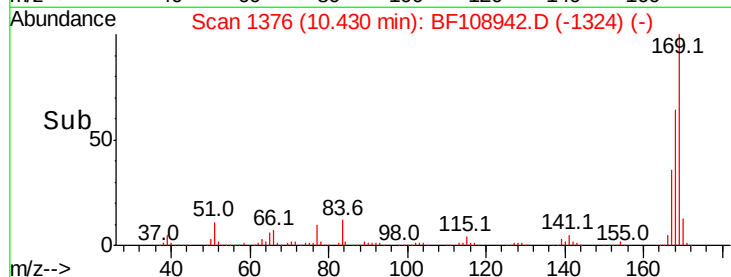
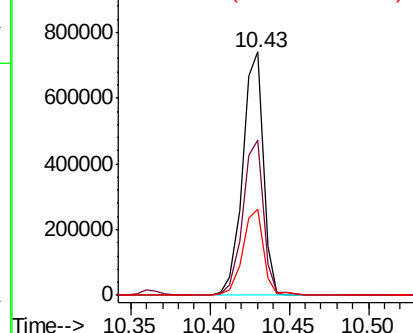


Abundance

Ion 169.00 (168.70 to 169.70): E

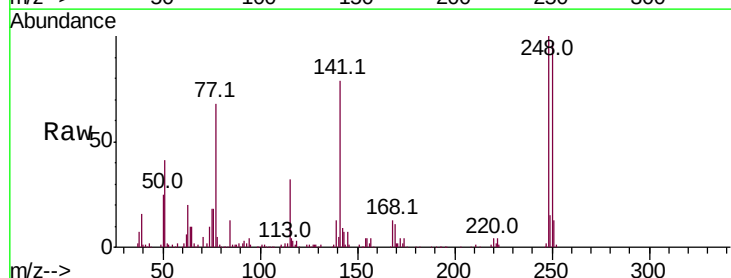
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
 4-Bromophenyl-phenylether  
 Concen: 36.344 ng  
 RT: 10.80 min Scan# 1438  
 Delta R.T. -0.00 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 217682 |       |       |
| 250     | 97.2  |        | 76.9  | 115.3 |
| 141     | 79.4  |        | 74.4  | 111.6 |

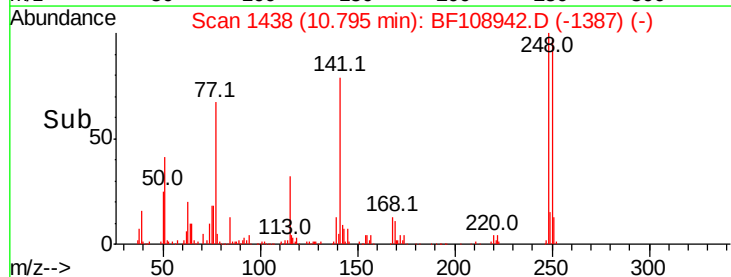
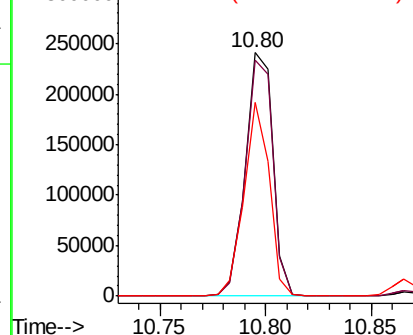


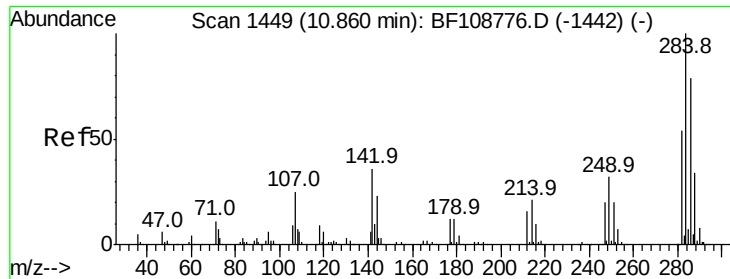
Abundance

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: 35.192 ng

RT: 10.87 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

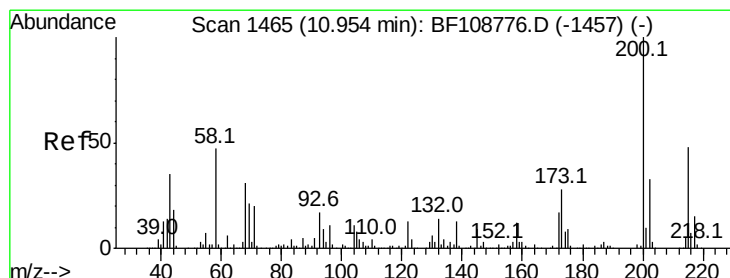
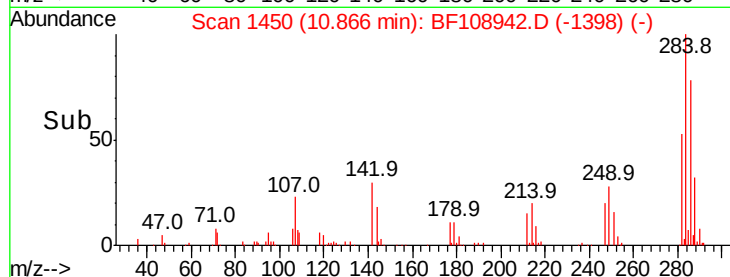
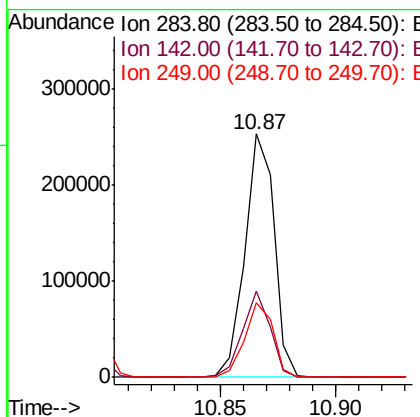
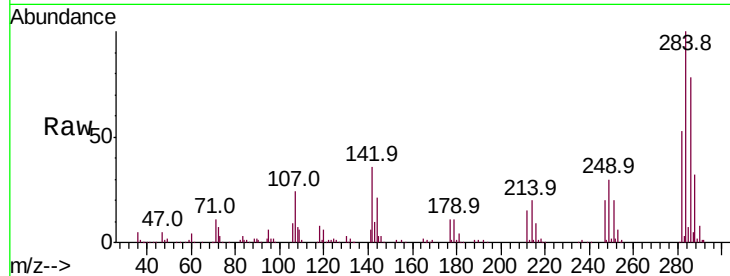
ClientSampleId :

FK-PS-01-040MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 225011 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 35.6  | 34.6  | 52.0   |
| 249       | 30.4  | 24.8  | 37.2   |

Manual Integrations  
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#68

Atrazine

Concen: 39.290 ng

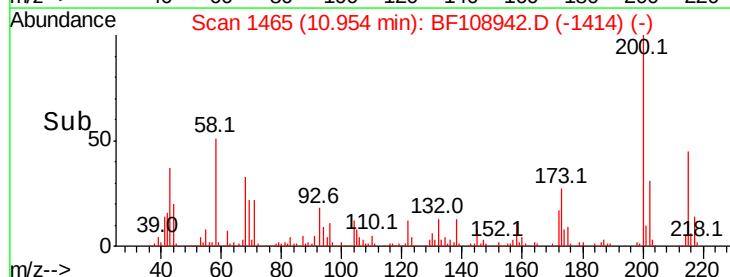
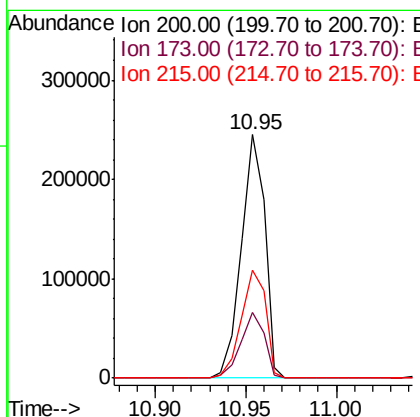
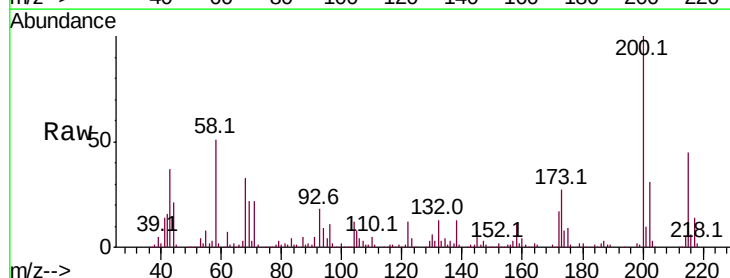
RT: 10.95 min Scan# 1465

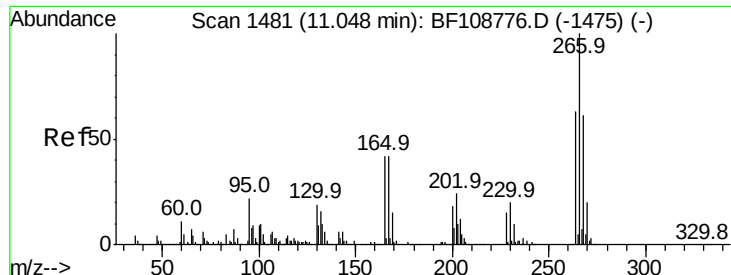
Delta R.T. -0.00 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 221764 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 27.2  | 8.6   | 48.6   |
| 215       | 44.5  | 25.1  | 65.1   |





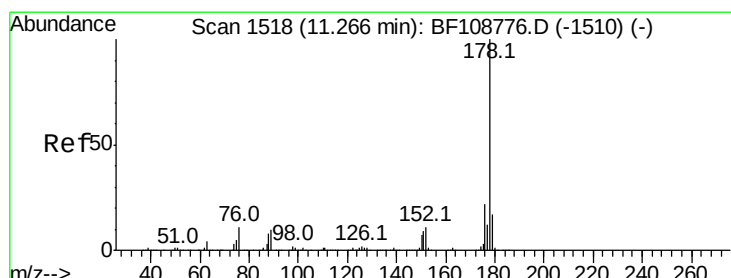
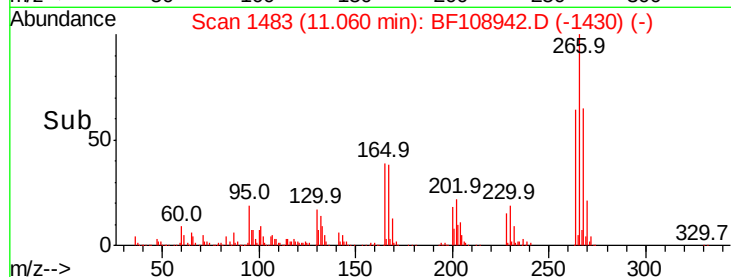
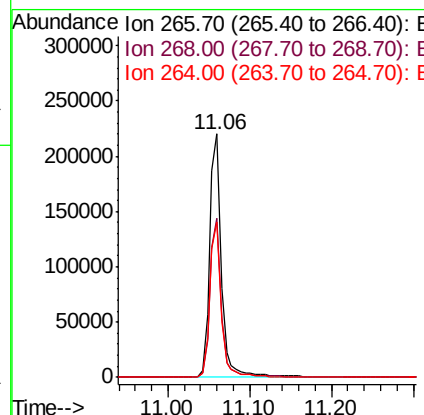
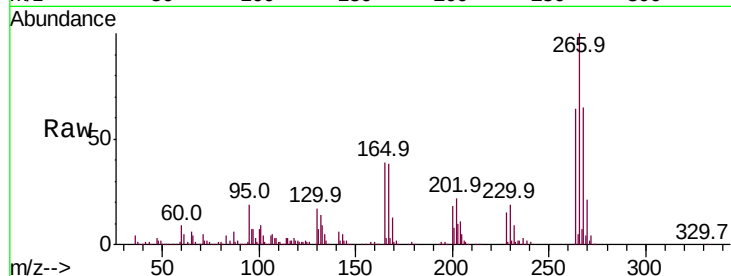
#69  
 Pentachlorophenol  
 Concen: 56.520 ng  
 RT: 11.06 min Scan# 1483  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 220936 |       |       |
| 268     | 65.5  |        | 51.1  | 76.7  |
| 264     | 63.5  |        | 49.5  | 74.3  |

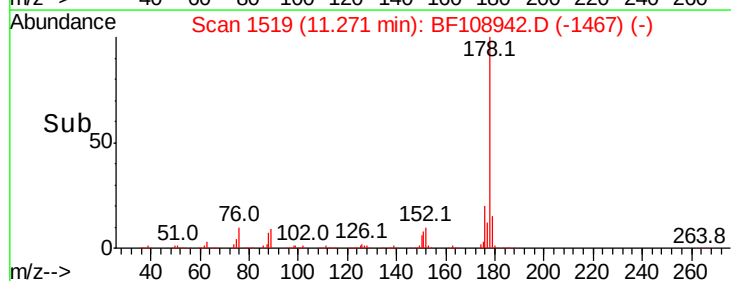
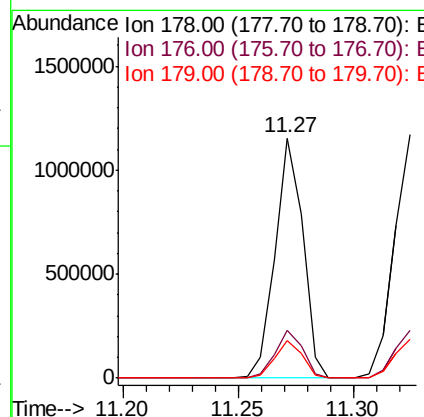
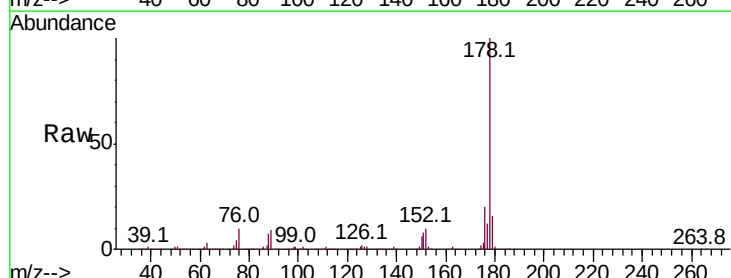
Manual Integrations  
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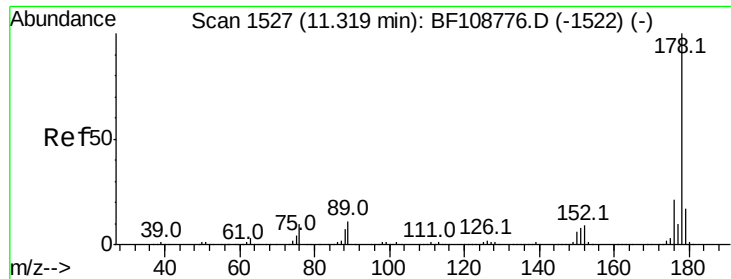
Sohil  
 9/12/2018 9:11:59 AM



#70  
 Phenanthrene  
 Concen: 37.940 ng  
 RT: 11.27 min Scan# 1519  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 960782 |       |       |
| 176     | 20.0  |        | 15.8  | 23.8  |
| 179     | 15.9  |        | 13.0  | 19.6  |





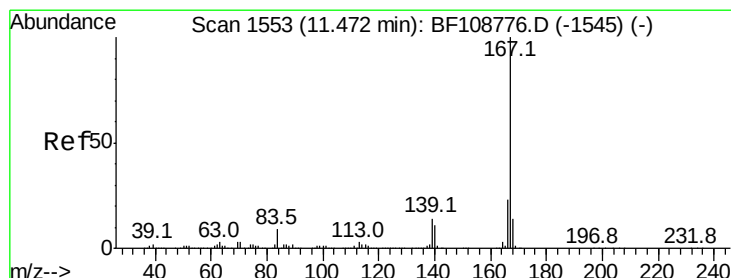
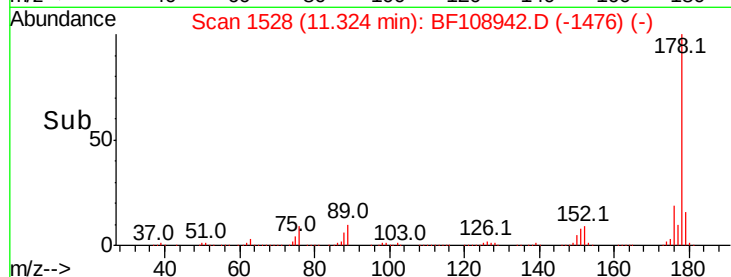
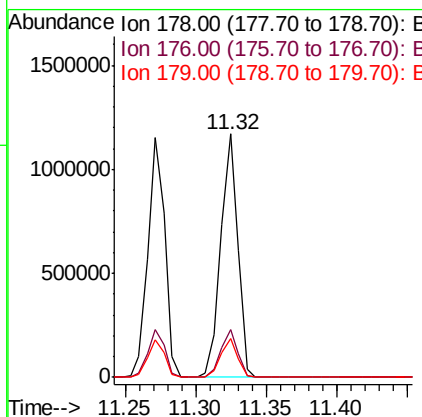
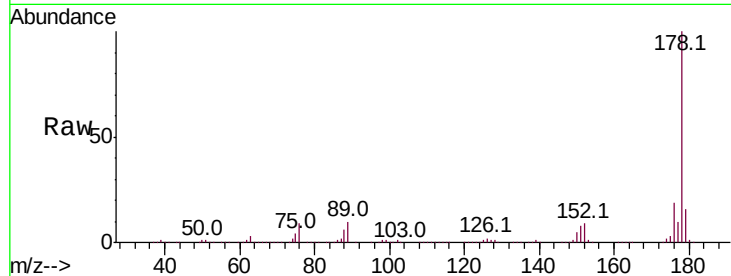
#71  
 Anthracene  
 Concen: 40.634 ng  
 RT: 11.32 min Scan# 1528  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.4  | 23.2  |
| 179     | 15.9  | 12.6  | 19.0  |

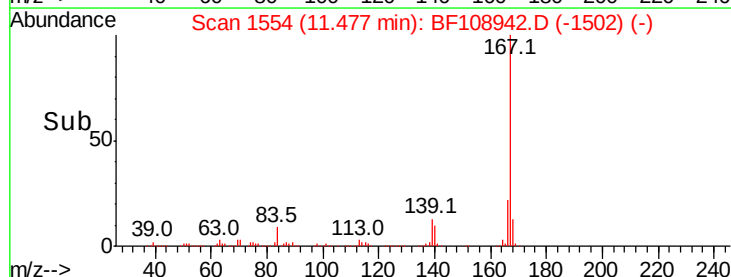
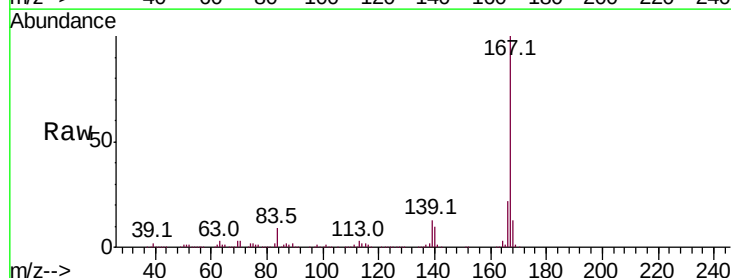
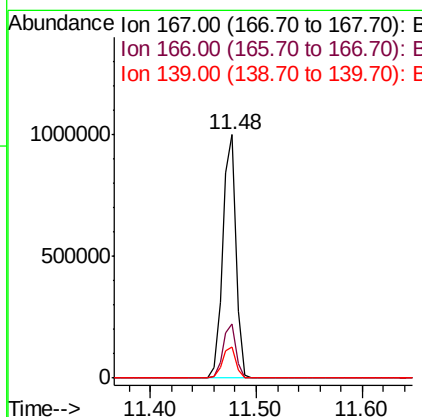
Manual Integrations  
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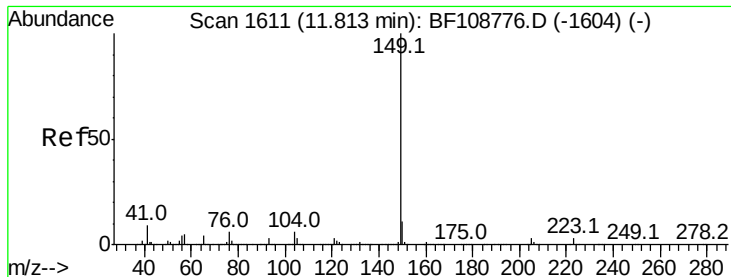


#72  
 Carbazole  
 Concen: 34.637 ng  
 RT: 11.48 min Scan# 1554  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.6  | 26.4  |
| 139     | 12.9  | 10.9  | 16.3  |







#73

Di-n-butylphthalate

Concen: 39.680 ng

RT: 11.82 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

FK-PS-01-040MS

Tot Ion:149 Resp: 1125179

Ion Ratio Lower Upper

149 100

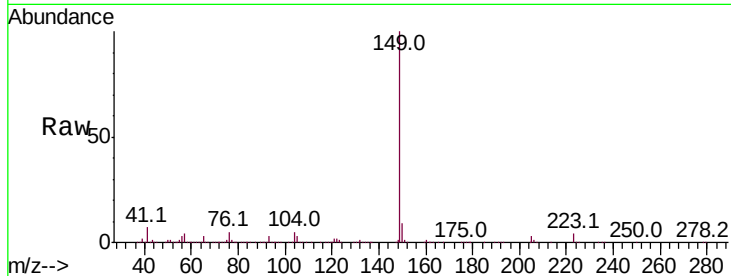
150 9.2 7.8 11.6

104 4.8 3.8 5.8

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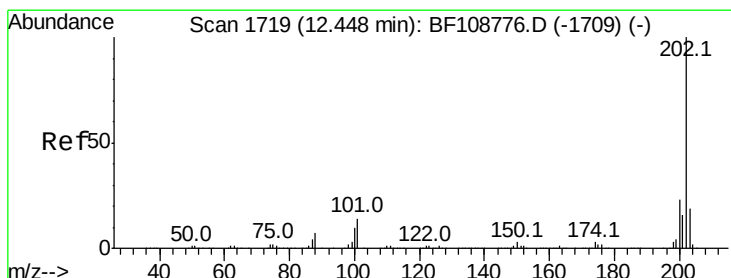
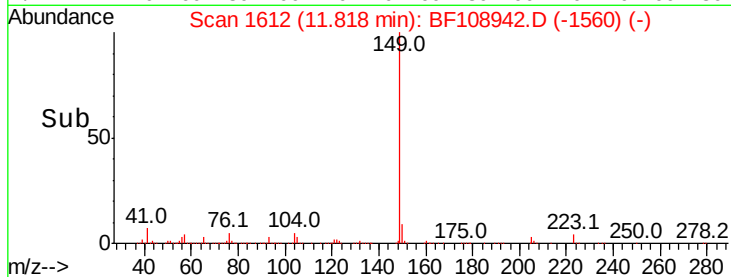
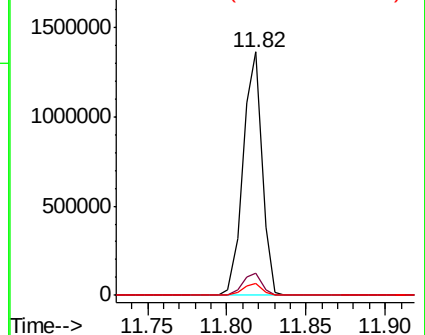
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.513 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

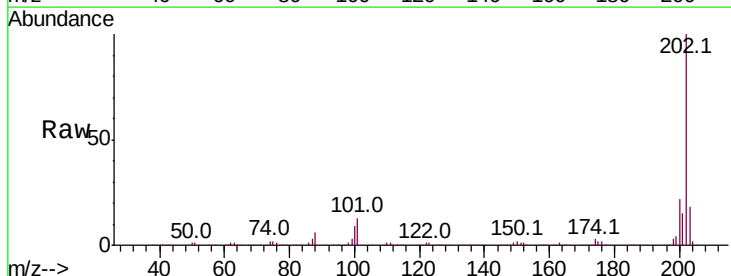
Tgt Ion:202 Resp: 915488

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

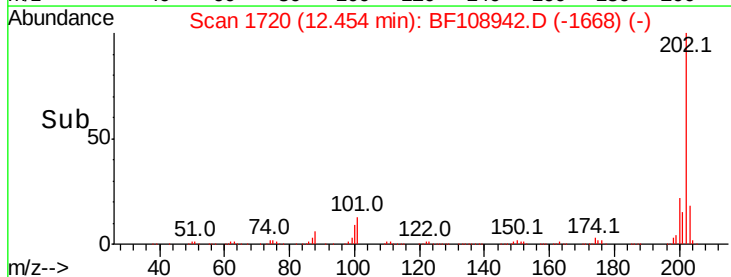
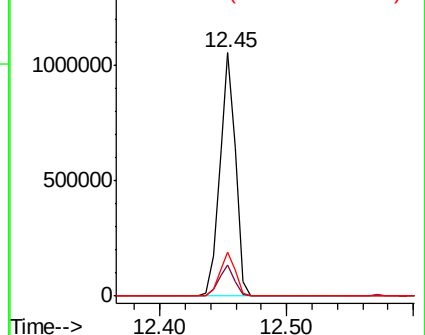
203 18.1 0.0 38.1

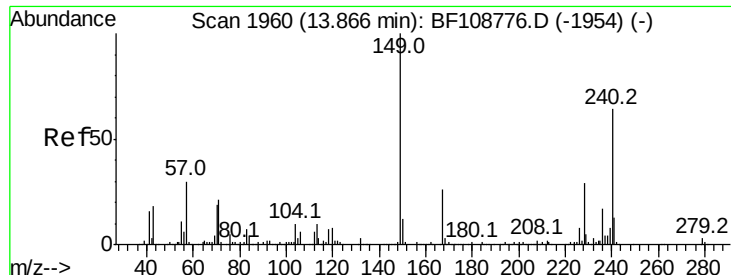


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

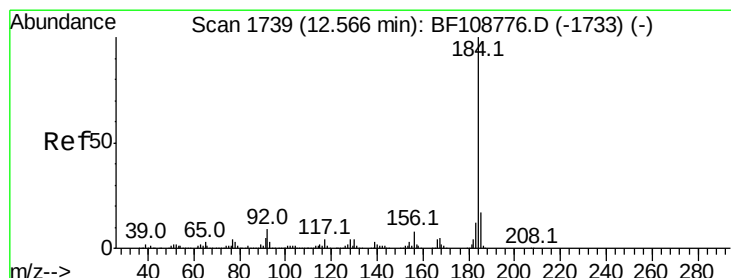
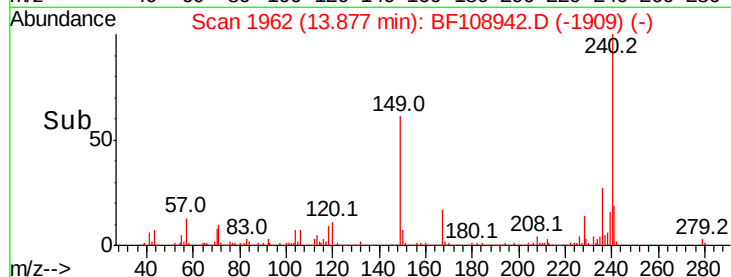
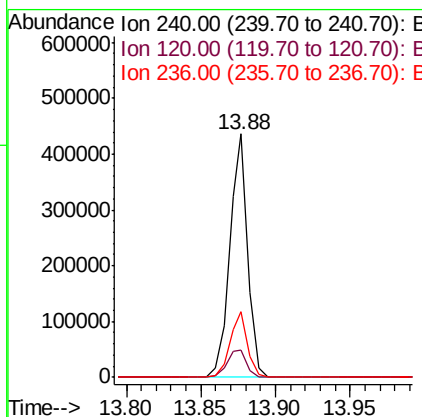
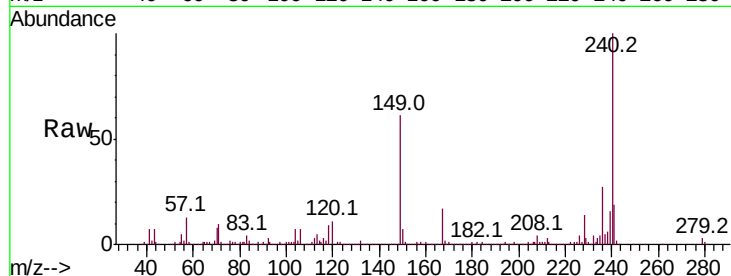
ClientSampleId :

FK-PS-01-040MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 368762 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.3  | 9.5   | 14.3   |
| 236       | 26.7  | 20.7  | 31.1   |

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#76

Benzidine

Concen: 33.052 ng

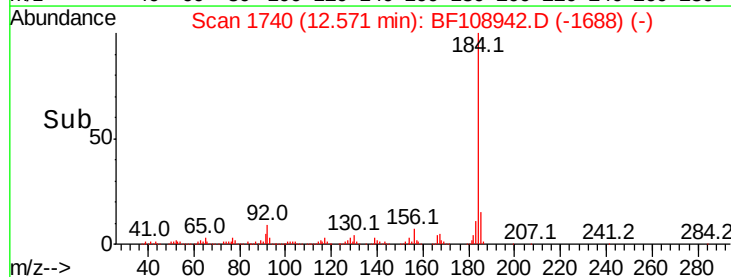
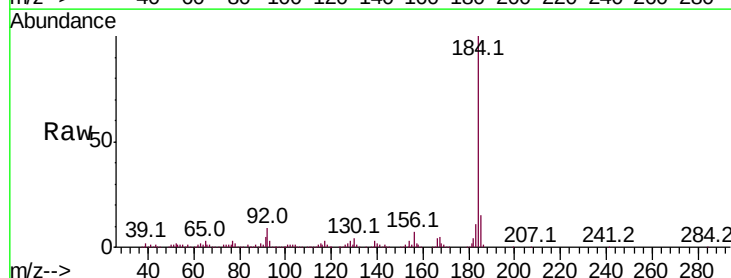
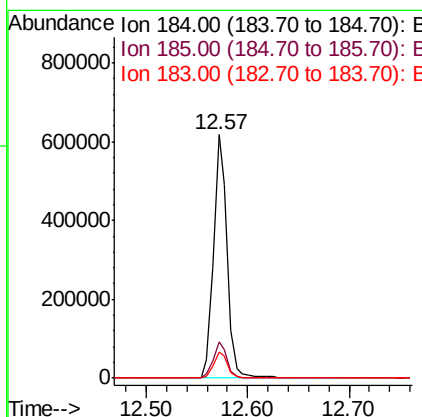
RT: 12.57 min Scan# 1740

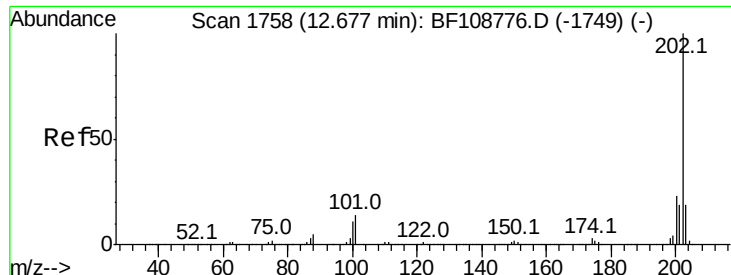
Delta R.T. 0.01 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 577671 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.8  | 12.6  | 18.8   |
| 183       | 10.9  | 9.3   | 13.9   |





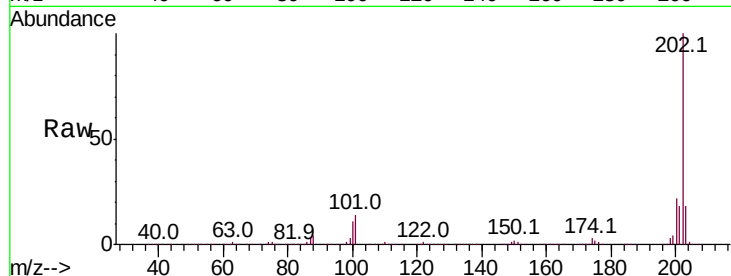
#77  
Pvrene  
Concen: 32.085 ng  
RT: 12.68 min Scan# 1759  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.7  | 17.4       | 26.2  |
| 203     | 17.8  | 14.3       | 21.5  |

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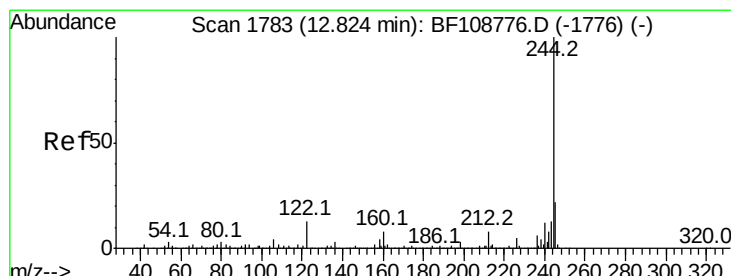
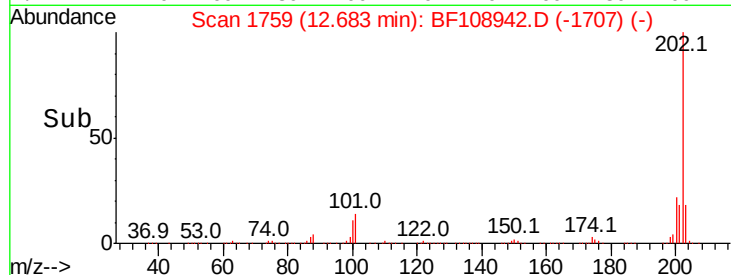
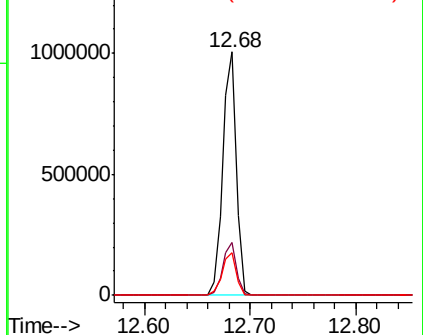


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78  
Terphenyl-d14  
Concen: 64.050 ng  
RT: 12.83 min Scan# 1784  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

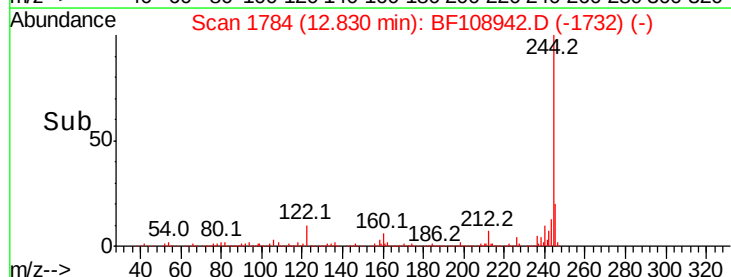
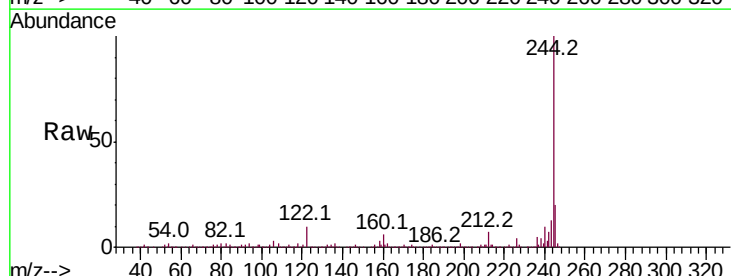
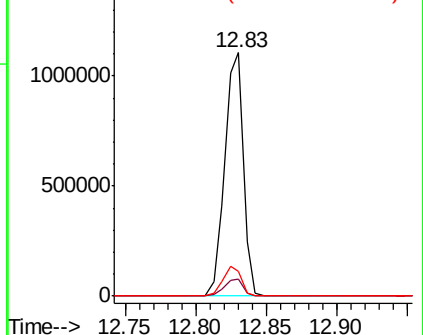
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 6.8   | 5.4        | 8.0   |
| 122     | 10.3  | 11.0       | 16.4# |

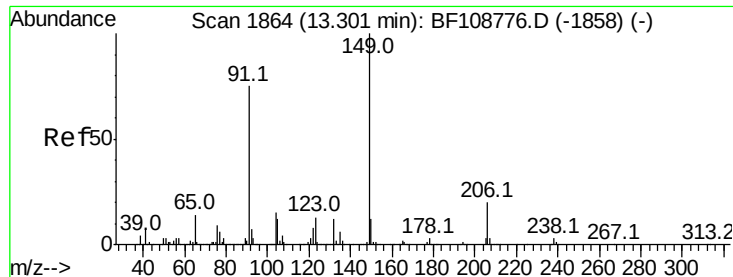
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





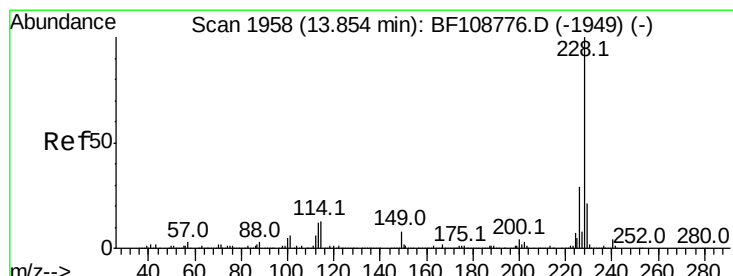
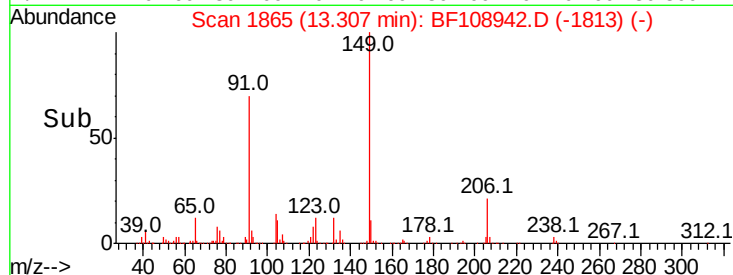
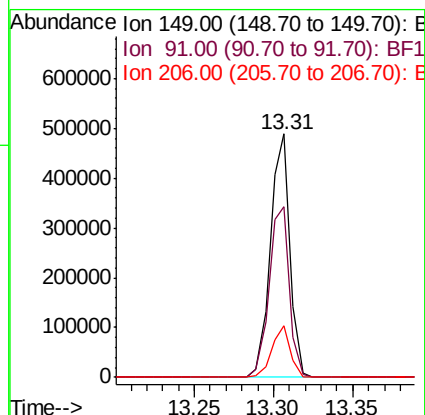
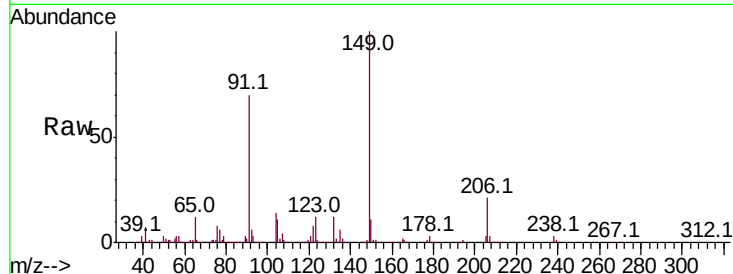
#79  
Butylbenzylphthalate  
Concen: 33.036 ng  
RT: 13.31 min Scan# 1865  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.8  | 56.8  | 85.2  |
| 206     | 21.0  | 14.1  | 21.1  |

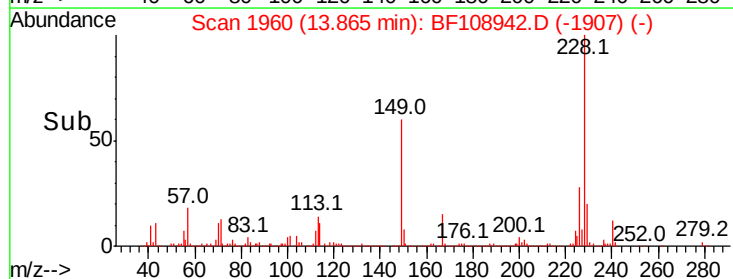
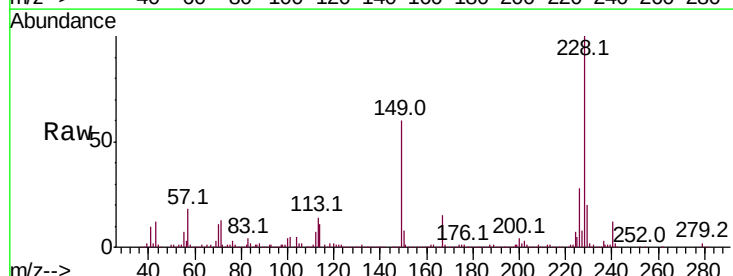
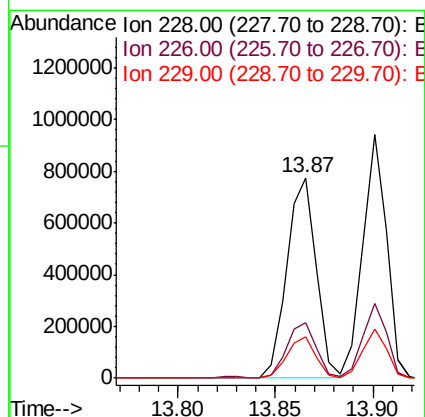
Manual Integrations  
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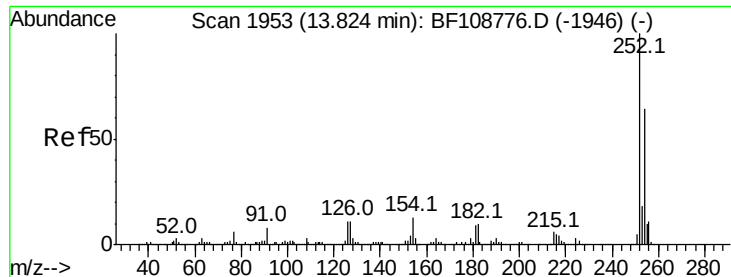
Sohil  
9/12/2018 9:11:59 AM



#80  
Benzo(a)anthracene  
Concen: 34.000 ng  
RT: 13.87 min Scan# 1960  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.9  | 22.6  | 33.8  |
| 229     | 20.4  | 15.8  | 23.6  |





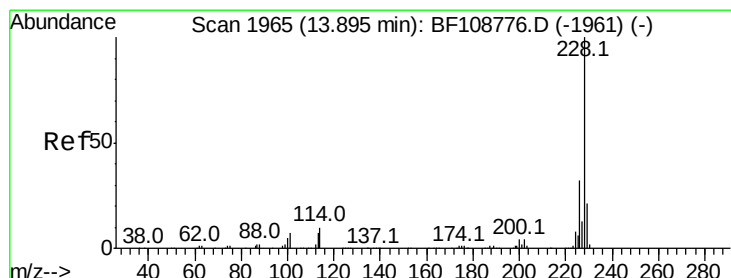
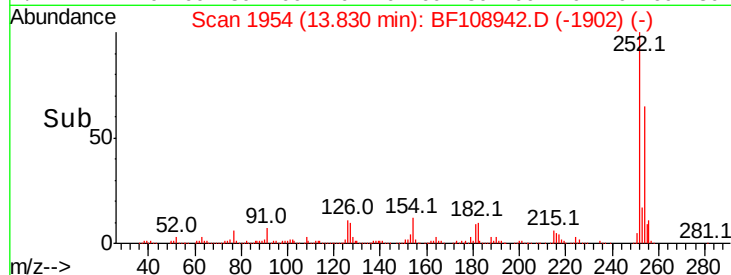
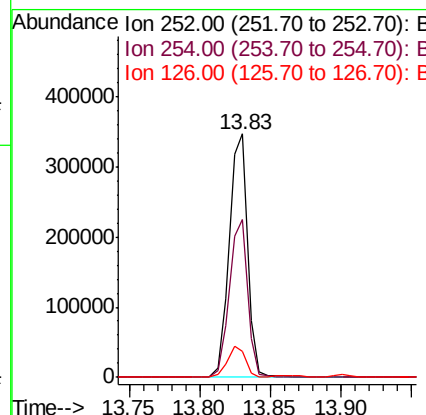
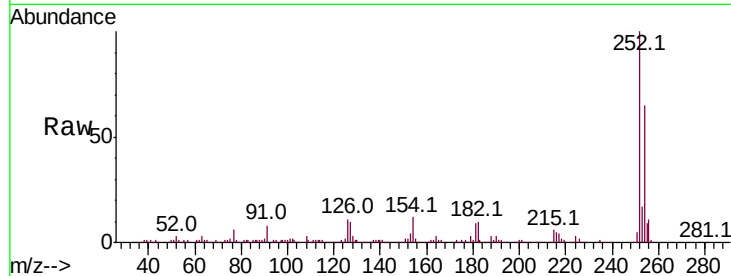
#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.158 ng  
 RT: 13.83 min Scan# 1954  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 50.4  | 75.6  |
| 126     | 10.6  | 11.3  | 16.9# |

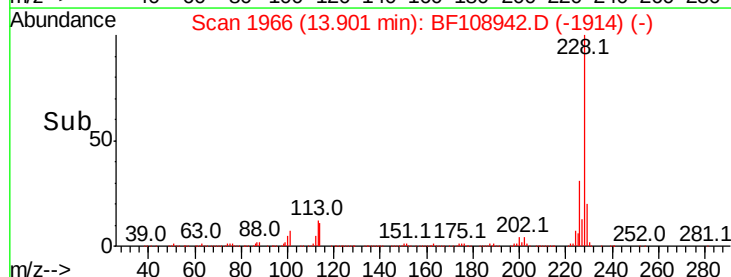
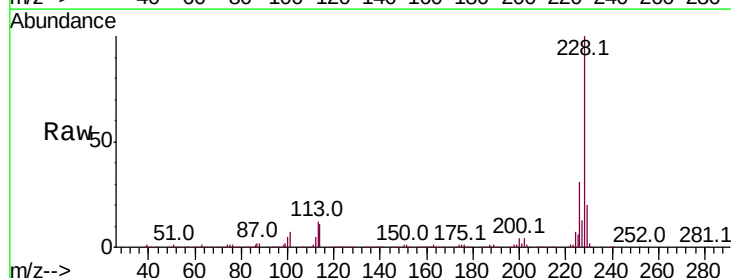
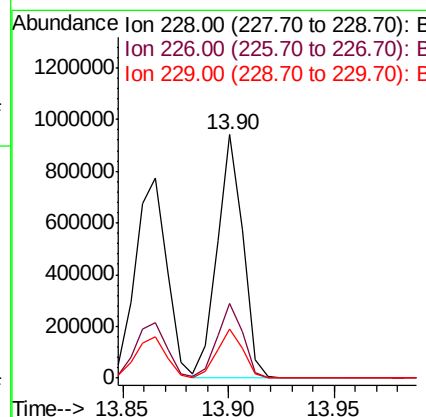
Manual Integrations  
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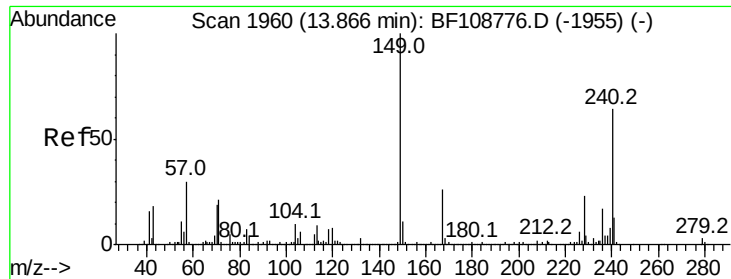
Sohil  
 9/12/2018 9:11:59 AM



#82  
 Chrysene  
 Concen: 34.746 ng  
 RT: 13.90 min Scan# 1966  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.9  | 25.0  | 37.6  |
| 229     | 20.1  | 16.2  | 24.4  |





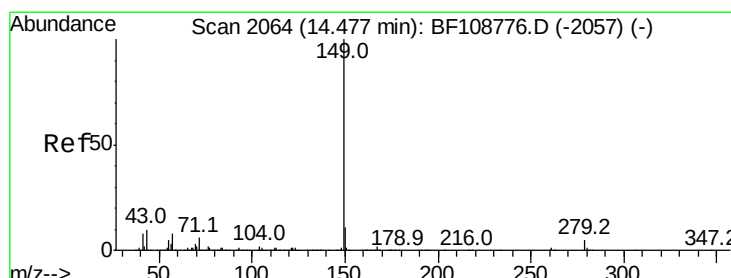
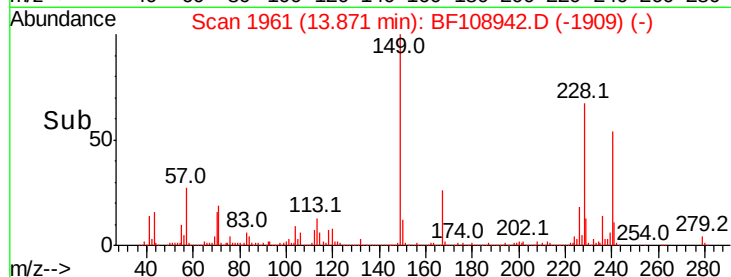
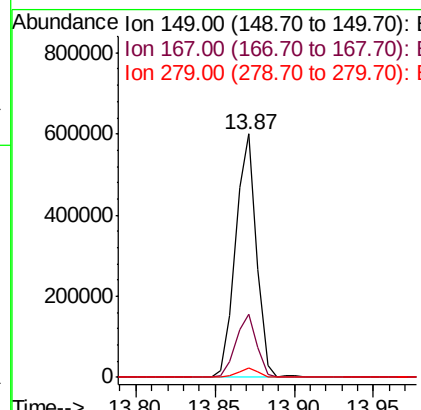
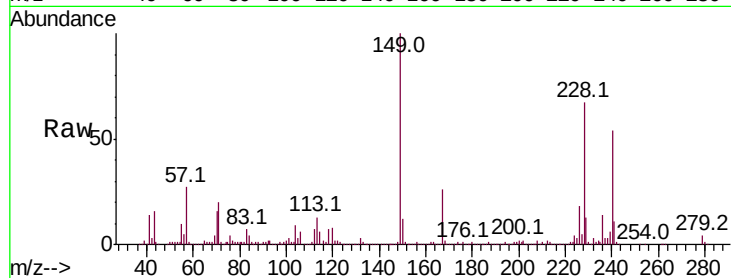
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 33.874 ng  
 RT: 13.87 min Scan# 1961  
 Delta R.T. 0.01 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 25.8  | 21.3 | 31.9  |       |
| 279     | 3.7   | 3.0  | 4.4   |       |

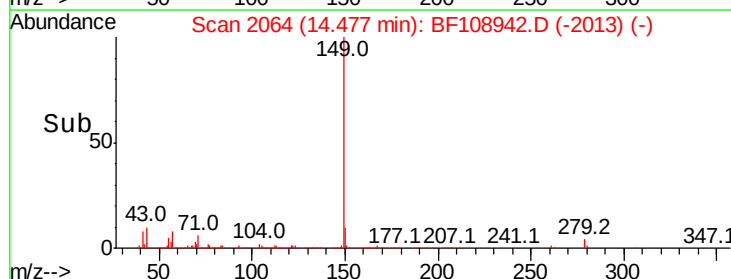
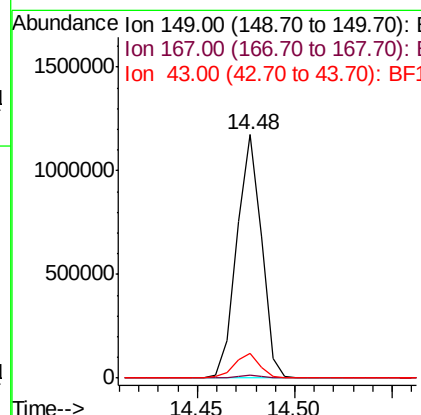
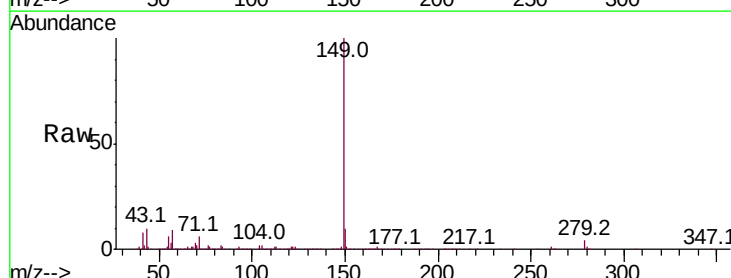
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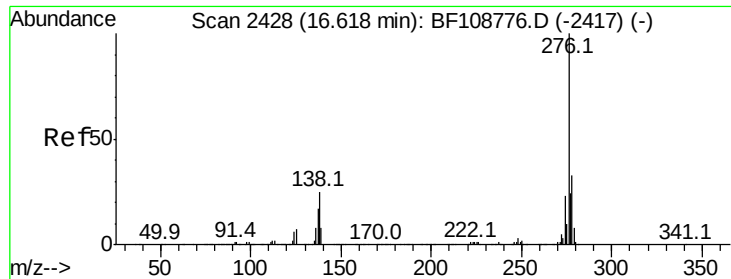
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#84  
 Di-n-octyl phthalate  
 Concen: 38.396 ng  
 RT: 14.48 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.5   | 1.2  | 1.8   |       |
| 43      | 9.8   | 8.4  | 12.6  |       |





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.647 ng

RT: 16.65 min Scan# 2433

Delta R.T. 0.03 min

Lab File: BF108942.D

Acq: 11 Sep 2018 18:24

Instrument :

BNA\_F

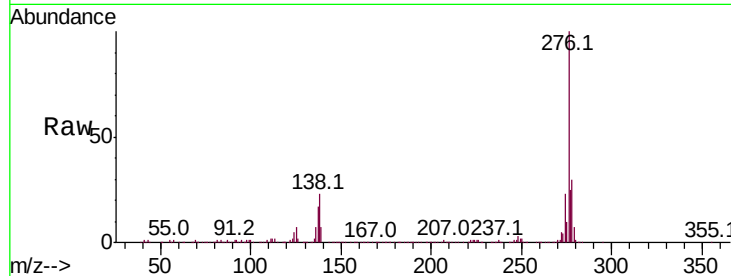
ClientSampleId :

FK-PS-01-040MS

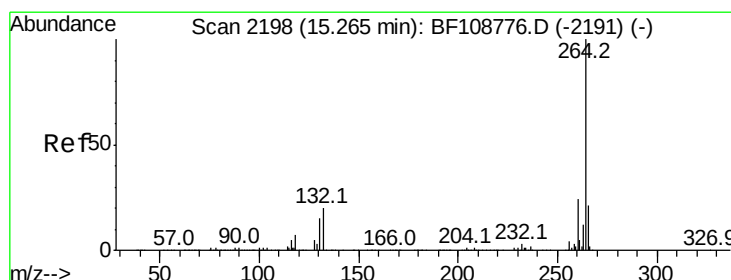
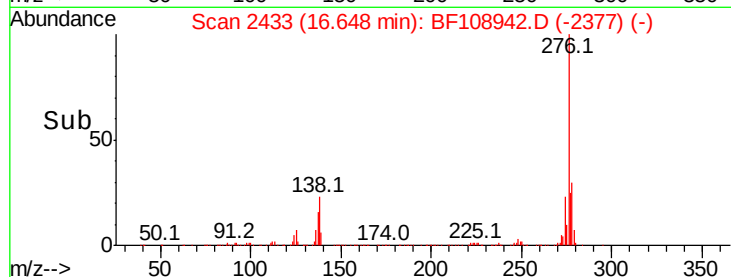
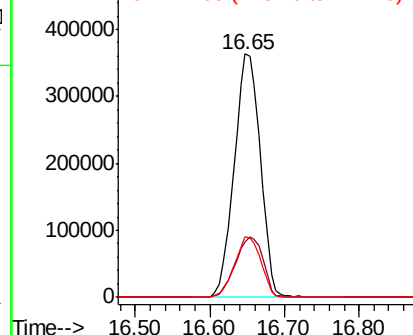
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 883850 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 26.4  | 25.0  | 37.6   |
| 277       | 25.2  | 20.1  | 30.1   |

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



#86

Perylene-d12

Concen: 20.000 ng

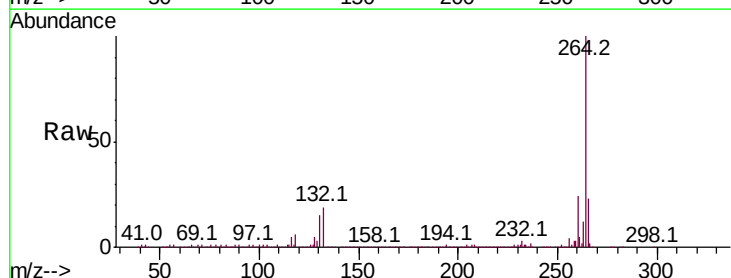
RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

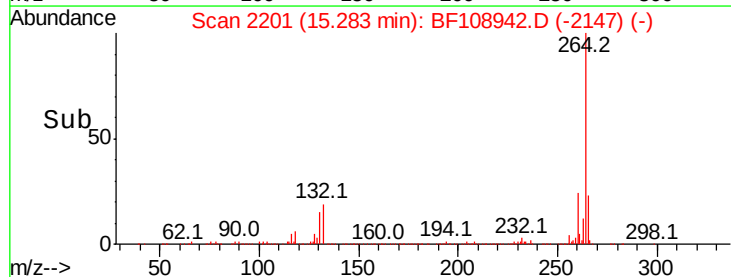
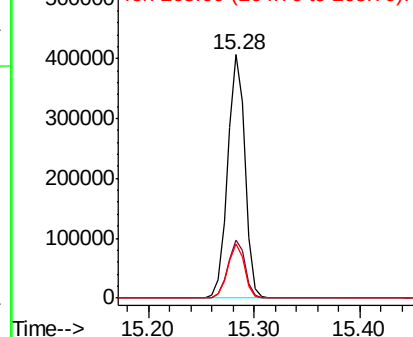
Lab File: BF108942.D

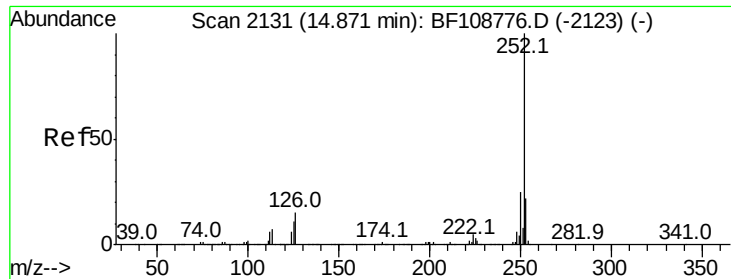
Acq: 11 Sep 2018 18:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 462100 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.1  | 19.2  | 28.8   |
| 265       | 22.5  | 17.5  | 26.3   |



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





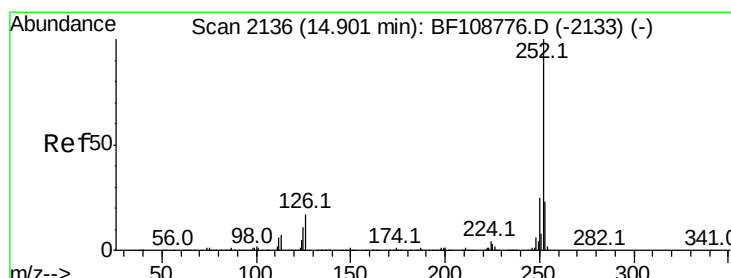
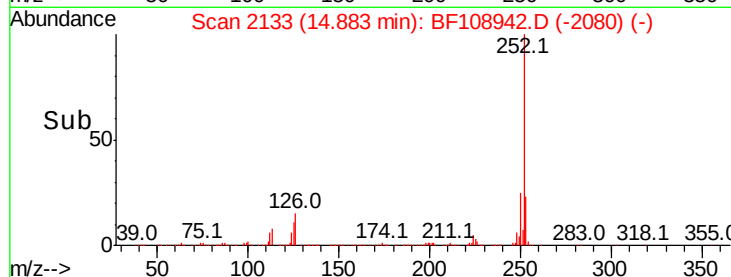
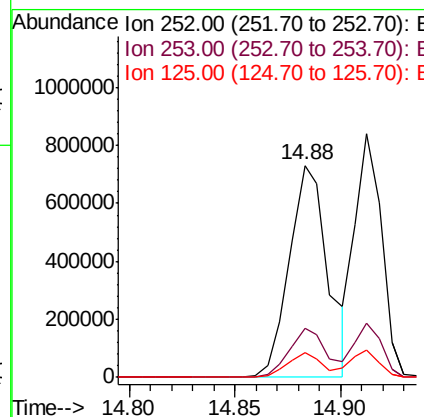
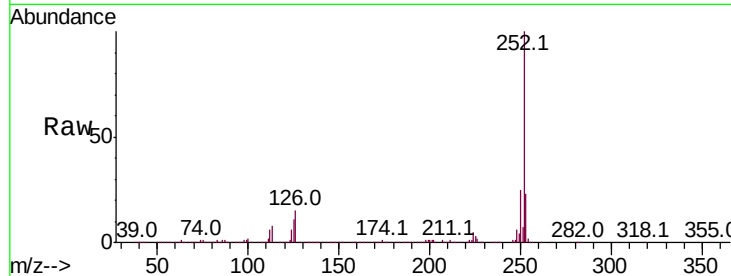
#87  
Benzo(b)fluoranthene  
Concen: 37.045 ng  
RT: 14.88 min Scan# 2133  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.0  | 25.6  |
| 125     | 11.5  | 9.0   | 13.6  |

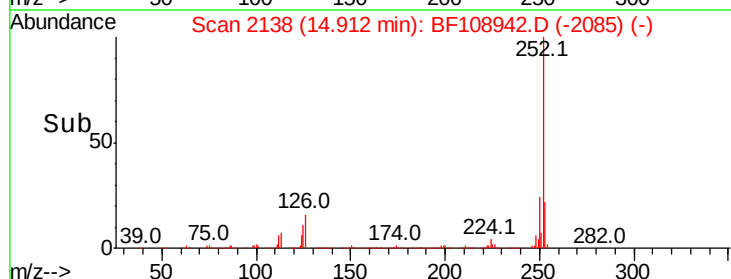
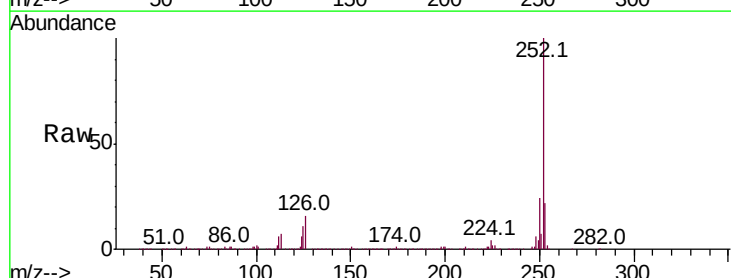
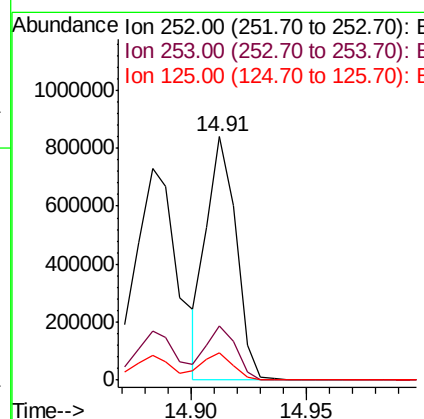
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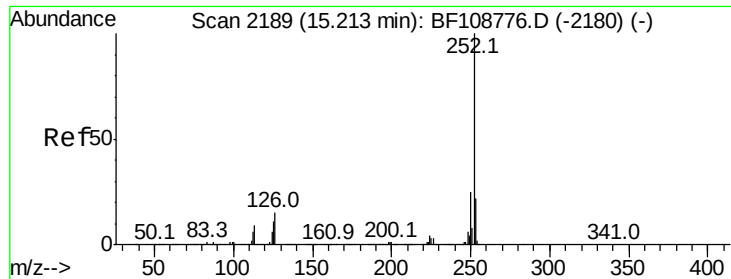


#88  
Benzo(k)fluoranthene  
Concen: 32.199 ng  
RT: 14.91 min Scan# 2138  
Delta R.T. 0.01 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.9  | 26.9  |
| 125     | 11.3  | 10.2  | 15.2  |







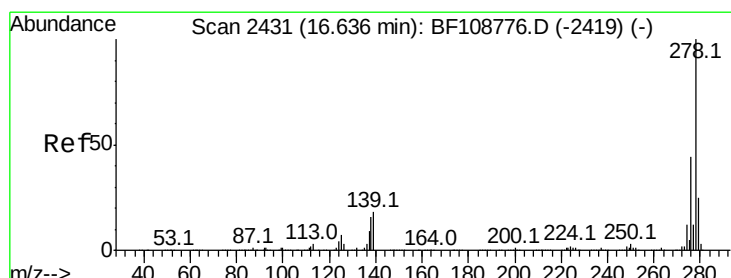
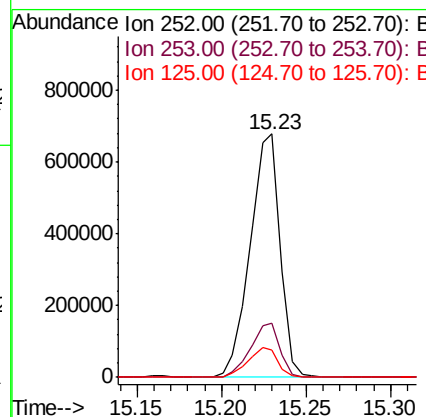
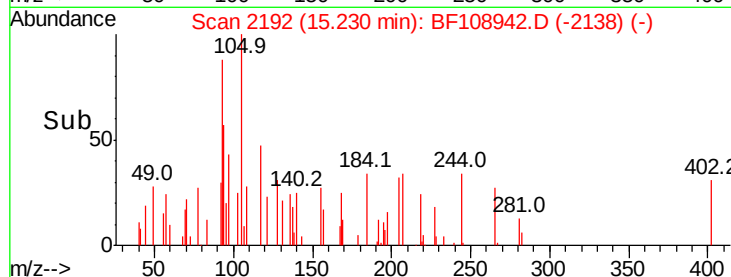
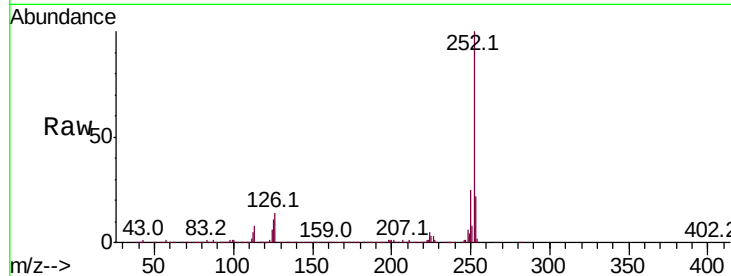
#89  
Benzo(a)pyrene  
Concen: 36.994 ng  
RT: 15.23 min Scan# 2192  
Delta R.T. 0.02 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.1  | 25.7  |
| 125     | 11.0  | 9.8   | 14.6  |

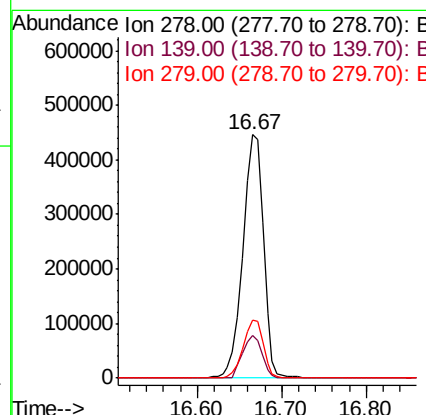
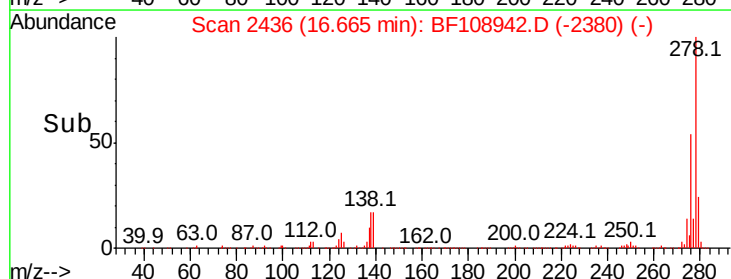
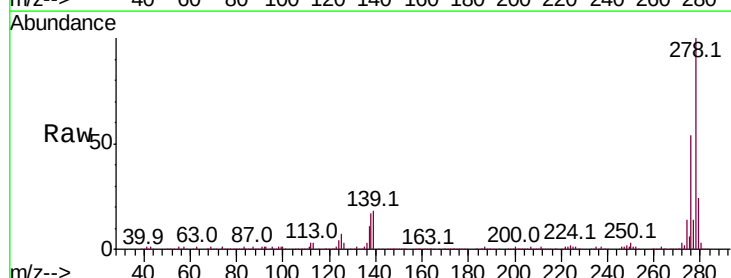
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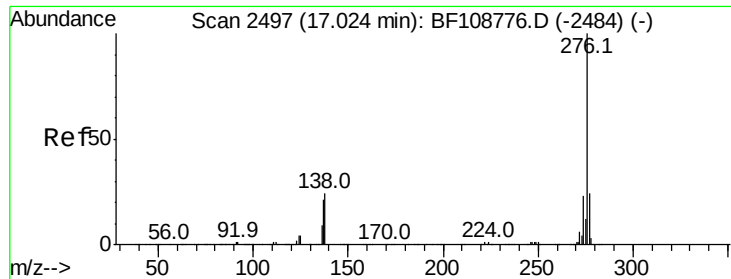
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#90  
Dibenzo(a,h)anthracene  
Concen: 37.510 ng  
RT: 16.67 min Scan# 2436  
Delta R.T. 0.03 min  
Lab File: BF108942.D  
Acq: 11 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.5  | 15.9  | 23.9  |
| 279     | 23.9  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 34.798 ng  
 RT: 17.06 min Scan# 2503  
 Delta R.T. 0.04 min  
 Lab File: BF108942.D  
 Acq: 11 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-PS-01-040MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 17.9  | 26.9  |
| 138     | 23.1  | 21.8  | 32.8  |

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