

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\  
 Data File : BF089802.D  
 Acq On : 19 Aug 2016 18:14  
 Operator : UM/SJ  
 Sample : PB93006BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93006BS

Manual Integrations  
 APPROVED

Quant Time: Aug 22 09:34:33 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 19 14:02:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.68  | 152  | 539784   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.96  | 136  | 2017903  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.71  | 164  | 955906   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.19 | 188  | 1764608  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.85 | 240  | 1444843  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.31 | 264  | 1016951  | 20.00 | ng    | -0.06    |

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## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 3741809 | 118.88 | ng | 0.02 |
| 7) Phenol-d6             | 6.33  | 99  | 4498650 | 116.43 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 2777478 | 85.51  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.50 | 330 | 1016238 | 111.87 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.05  | 172 | 4349813 | 79.98  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.79 | 244 | 4131446 | 64.69  | ng | 0.00 |

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## Target Compounds

|                                |      |     |          |        |    | Qvalue |
|--------------------------------|------|-----|----------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.26 | 88  | 497368   | 31.93  | ng | 98     |
| 3) Pyridine                    | 2.90 | 79  | 1319317  | 32.29  | ng | 94     |
| 4) n-Nitrosodimethylamine      | 2.86 | 42  | 562551   | 36.98  | ng | # 79   |
| 6) Aniline                     | 6.34 | 93  | 1010043  | 19.49  | ng | # 32   |
| 8) 2-Chlorophenol              | 6.47 | 128 | 1452485  | 38.59  | ng | 86     |
| 9) Benzaldehyde                | 6.22 | 77  | 348142   | 13.83  | ng | 99     |
| 10) Phenol                     | 6.34 | 94  | 1702521  | 37.59  | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.42 | 93  | 1218021  | 34.69  | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 1462254m | 37.16  | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146 | 1383822  | 34.21  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 1464846  | 38.80  | ng | 97     |
| 15) Benzyl Alcohol             | 6.83 | 79  | 1100597  | 42.95  | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 1612838  | 35.89  | ng | 89     |
| 17) 2-Methylphenol             | 6.95 | 107 | 1087853  | 36.90  | ng | 97     |
| 18) Hexachloroethane           | 7.20 | 117 | 536254   | 37.17  | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.11 | 70  | 868987   | 35.17  | ng | 90     |
| 20) 3+4-Methylphenols          | 7.11 | 107 | 1461774  | 40.44  | ng | # 55   |
| 22) Acetophenone               | 7.10 | 105 | 1609898  | 34.74  | ng | # 90   |
| 24) Nitrobenzene               | 7.27 | 77  | 1283930  | 35.23  | ng | 97     |
| 25) Isophorone                 | 7.51 | 82  | 2462386  | 37.59  | ng | 99     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 764100   | 42.02  | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 1259974  | 38.45  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 1712358  | 42.25  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 1139611  | 41.45  | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 1167938  | 38.40  | ng | # 93   |
| 31) Naphthalene                | 7.99 | 128 | 3550473  | 37.65  | ng | 99     |
| 33) 4-Chloroaniline            | 8.04 | 127 | 705886   | 17.27  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.11 | 225 | 596769   | 37.47  | ng | 99     |
| 35) Caprolactam                | 8.41 | 113 | 354994m  | 42.39  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 1203414  | 40.41  | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 2683524  | 43.98  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.84 | 216 | 808924   | 26.13  | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.84 | 237 | 1209998  | 112.59 | ng | 98     |
| 42) 2,4,6-Trichlorophenol      | 8.96 | 196 | 816890   | 41.95  | ng | 99     |

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93006BS

Manual Integrations  
 APPROVED

Quant Time: Aug 22 09:34:33 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 19 14:02:57 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 8.99  | 196  | 755888   | 39.03 | nq    | # 89     |
| 45) 1,1'-Biphenyl              | 9.14  | 154  | 2556099  | 34.55 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.16  | 162  | 2211040  | 37.81 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.27  | 65   | 720633   | 43.21 | nq    | # 53     |
| 48) Acenaphthylene             | 9.58  | 152  | 3468809  | 39.48 | nq    | 99       |
| 49) Dimethylphthalate          | 9.45  | 163  | 2600213  | 38.63 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.51  | 165  | 597000   | 38.42 | nq    | 96       |
| 51) Acenaphthene               | 9.75  | 154  | 2157639  | 37.10 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.67  | 138  | 411831   | 23.92 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 9.77  | 184  | 124976   | 21.27 | nq    | 99       |
| 54) Dibenzofuran               | 9.92  | 168  | 3117084  | 42.67 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.84  | 139  | 1075986  | 76.57 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 9.91  | 165  | 813580   | 40.35 | nq    | # 74     |
| 57) Fluorene                   | 10.26 | 166  | 2254306  | 38.73 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.04 | 232  | 648183   | 45.98 | nq    | 95       |
| 59) Diethylphthalate           | 10.16 | 149  | 2801635  | 40.97 | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.26 | 204  | 1022759  | 38.52 | nq    | 96       |
| 61) 4-Nitroaniline             | 10.28 | 138  | 732264   | 45.37 | nq    | 98       |
| 62) Azobenzene                 | 10.42 | 77   | 2936326  | 45.68 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.31 | 198  | 174455   | 17.20 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 10.39 | 169  | 2260937  | 40.75 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.75 | 248  | 750139   | 40.55 | nq    | # 93     |
| 67) Hexachlorobenzene          | 10.81 | 284  | 822580   | 38.97 | nq    | # 93     |
| 68) Atrazine                   | 10.91 | 200  | 667089   | 39.26 | nq    | 97       |
| 69) Pentachlorophenol          | 11.00 | 266  | 717123   | 59.95 | nq    | 98       |
| 70) Phenanthrene               | 11.22 | 178  | 3837599  | 43.06 | nq    | 97       |
| 71) Anthracene                 | 11.27 | 178  | 3423348  | 37.79 | nq    | 98       |
| 72) Carbazole                  | 11.43 | 167  | 3703840  | 45.58 | nq    | 97       |
| 73) Di-n-butylphthalate        | 11.77 | 149  | 4061222  | 39.95 | nq    | 99       |
| 74) Fluoranthene               | 12.40 | 202  | 3624632  | 42.76 | nq    | 94       |
| 76) Benzidine                  | 12.53 | 184  | 1468323  | 31.40 | nq    | 99       |
| 77) Pyrene                     | 12.63 | 202  | 3921952  | 33.33 | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.27 | 149  | 1818426  | 34.22 | nq    | # 84     |
| 80) Benzo(a)anthracene         | 13.84 | 228  | 3202156  | 38.70 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 455562   | 16.79 | nq    | 98       |
| 82) Chrysene                   | 13.87 | 228  | 2566358  | 36.18 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 2395179  | 32.72 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.53 | 149  | 3789493  | 38.96 | nq    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 2298469  | 25.40 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 14.93 | 252  | 2983548m | 53.33 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.96 | 252  | 1799122m | 35.44 | nq    |          |
| 89) Benzo(a)pyrene             | 15.26 | 252  | 2216730  | 41.86 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.62 | 278  | 1896920  | 33.00 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.98 | 276  | 1964164  | 32.45 | nq    | 97       |

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

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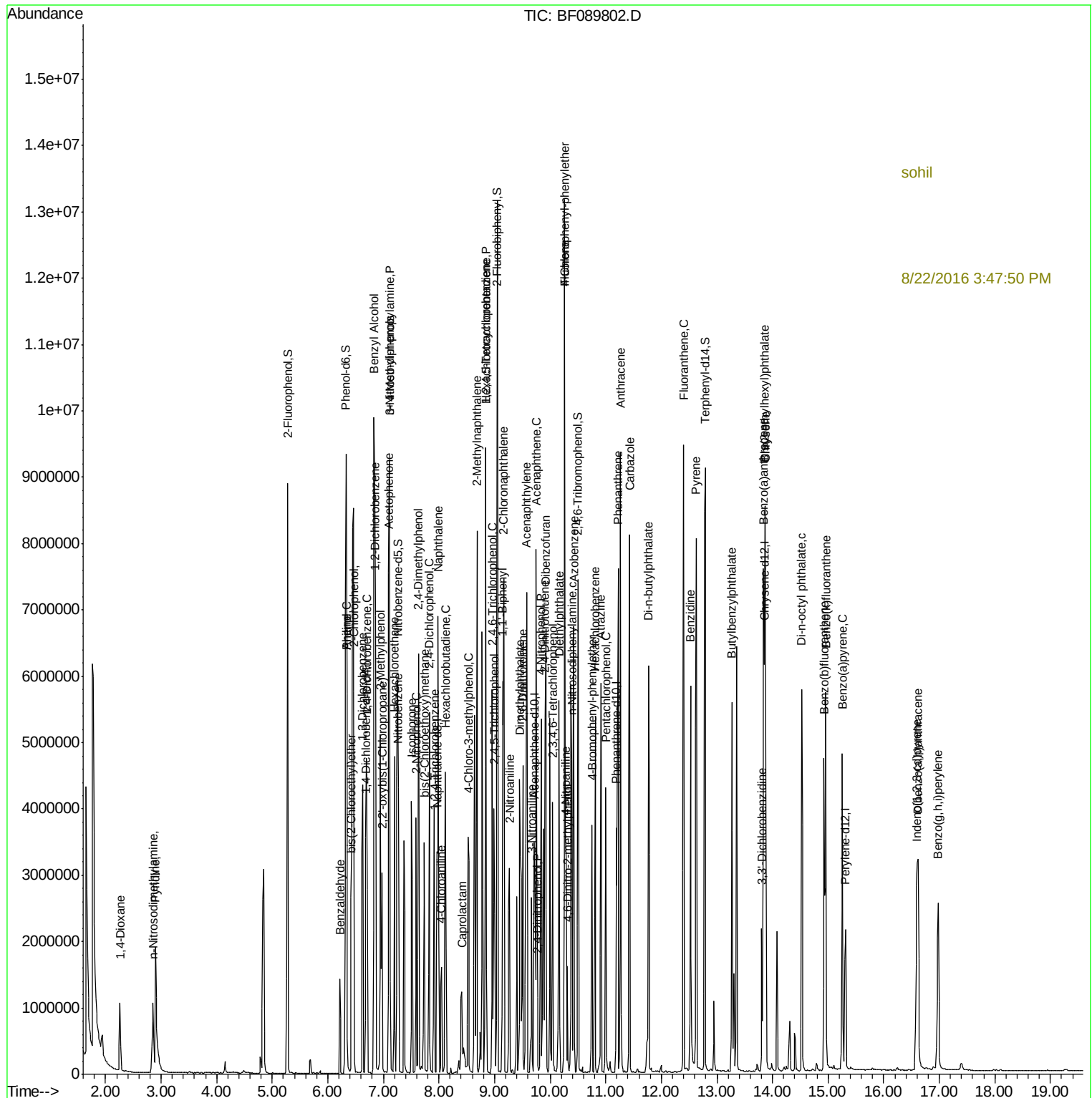
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089802.D
Acq On    : 19 Aug 2016   18:14
Operator  : UM/SJ
Sample    : PB93006BS
Misc      :
ALS Vial  : 18      Sample Multiplier: 1

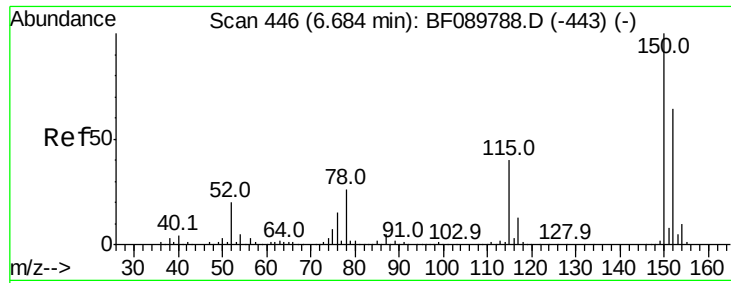
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB93006BS

## Manual Integrations

Quant Time: Aug 22 09:34:33 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 19 14:02:57 2016  
Response via : Initial Calibration





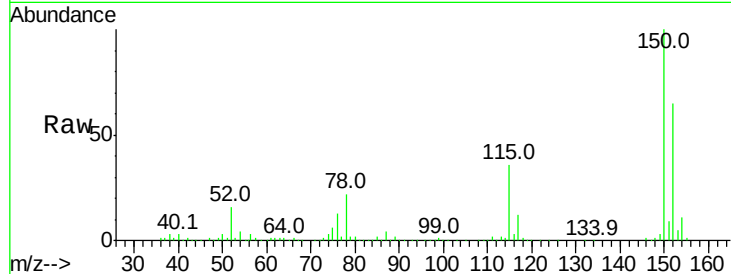
#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.68 min Scan# 446  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

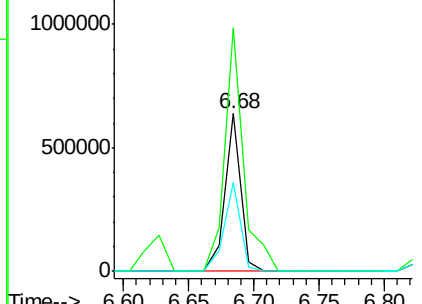
Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.5 | 125.3 | 187.9 |
| 115     | 56.2  | 40.9  | 61.3  |

Manual Integrations  
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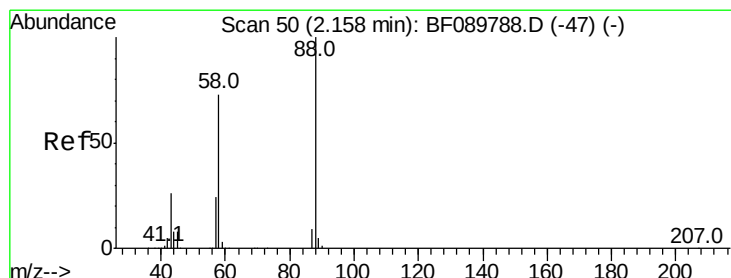
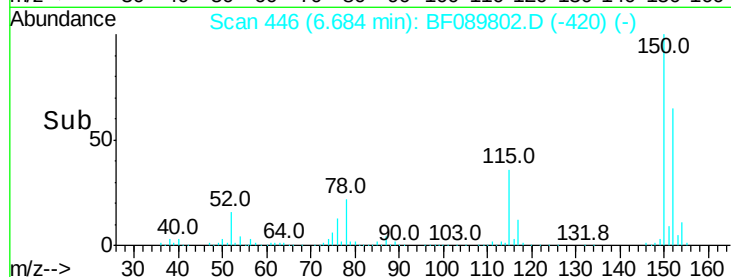


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



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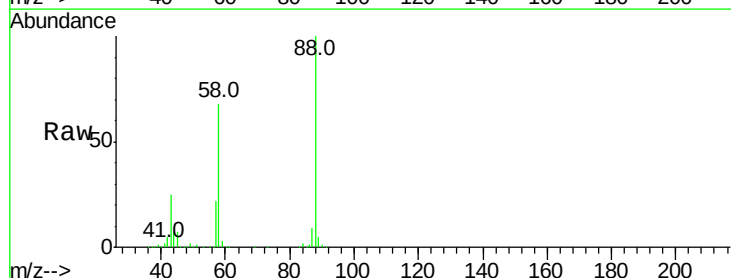
8/22/2016 3:47:50 PM



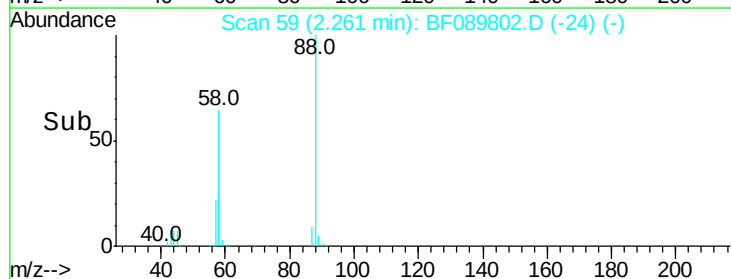
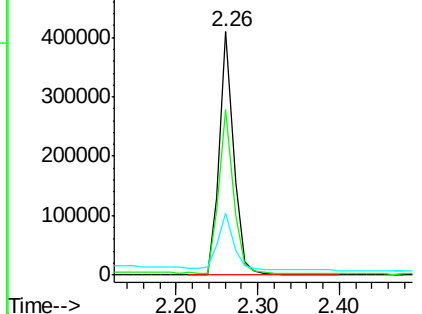
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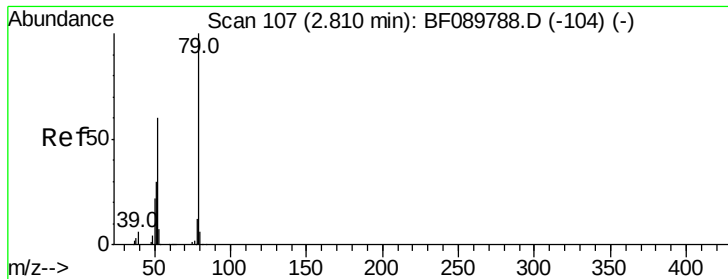
1,4-Dioxane  
Concen: 31.93 ng  
RT: 2.26 min Scan# 59  
Delta R.T. 0.10 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.8  | 57.0  | 85.4  |
| 43      | 26.2  | 21.8  | 32.8  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.29 ng

RT: 2.90 min Scan# 115

Delta R.T. 0.09 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampleId :

PB93006BS

Tot Ion: 79 Resp: 1319317

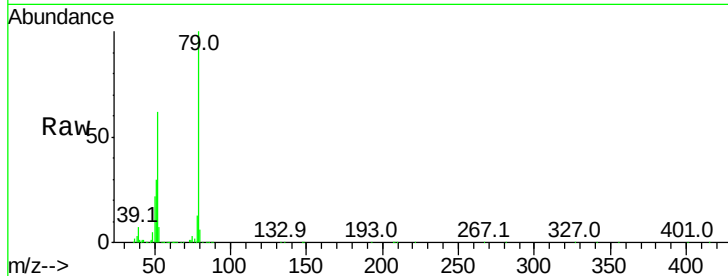
Ion Ratio Lower Upper

79 100

52 61.9 53.6 80.4

51 29.9 26.6 39.8

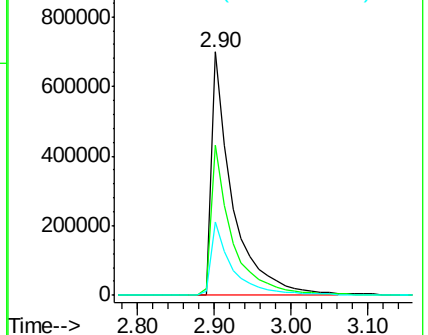
Manual Integrations  
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Abundance Ion 79.00 (78.70 to 79.70): BF0

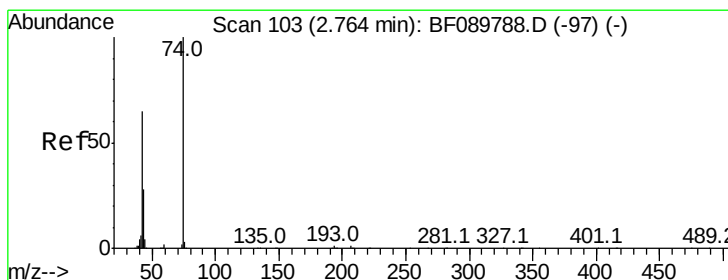
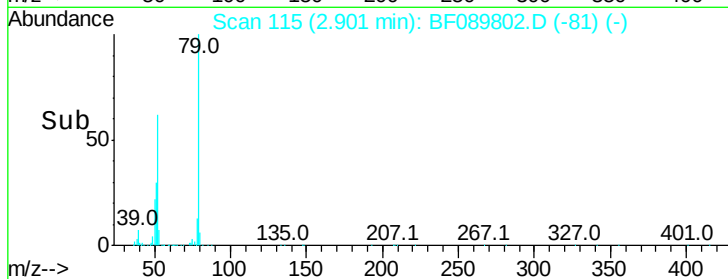
Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



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#4

n-Nitrosodimethylamine

Concen: 36.98 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.09 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

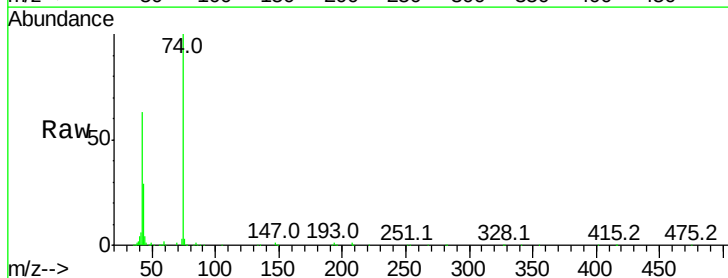
Tgt Ion: 42 Resp: 562551

Ion Ratio Lower Upper

42 100

74 159.3 106.2 159.2#

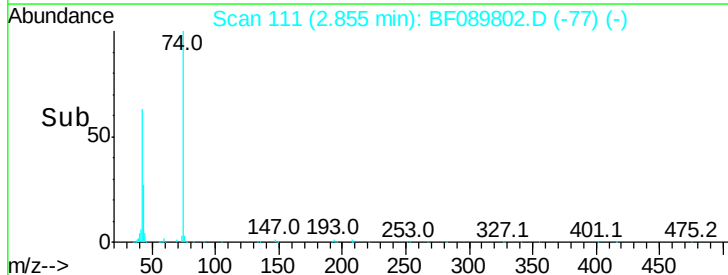
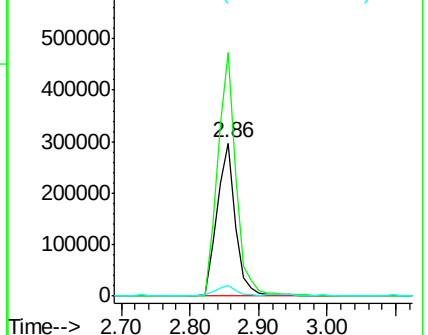
44 7.0 6.9 10.3

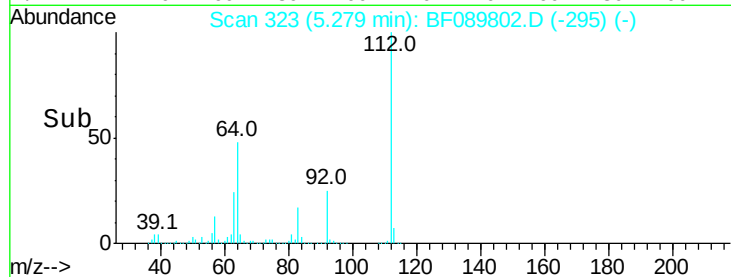
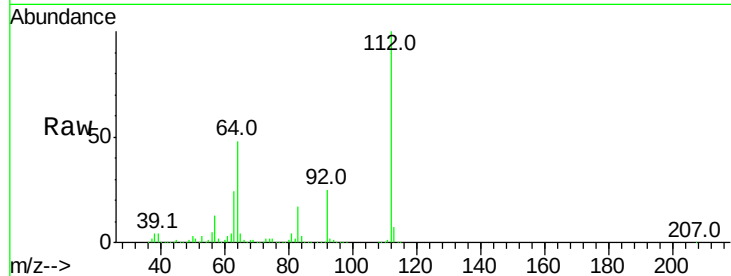
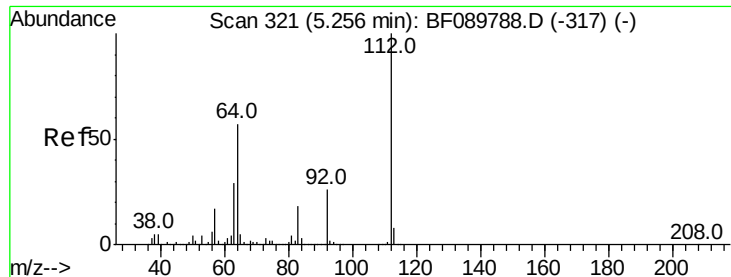


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.88 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

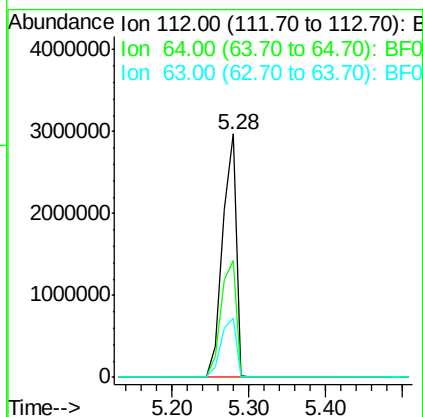
Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 3741809 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 48.3  | 45.0  | 67.4    |
| 63       | 24.1  | 23.1  | 34.7    |

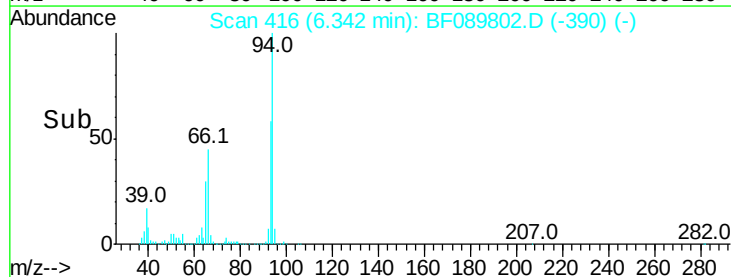
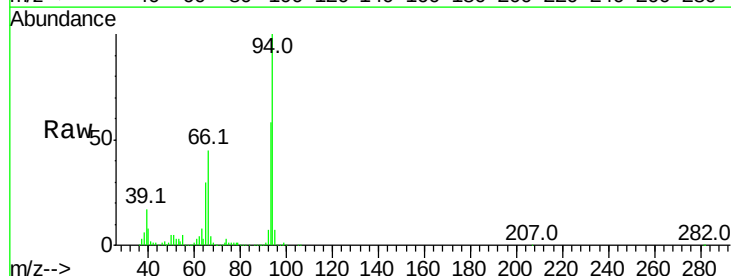
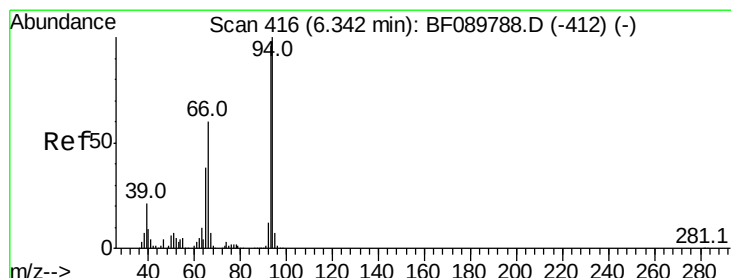
Instrument :  
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Manual Integrations  
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#6

Aniline

Concen: 19.49 ng

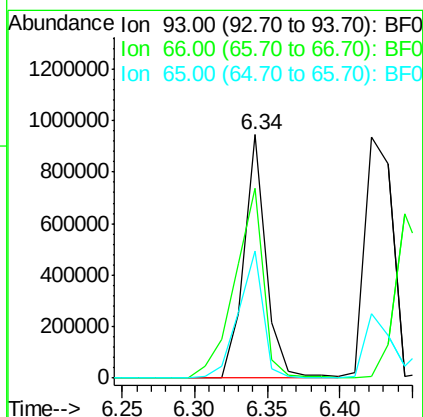
RT: 6.34 min Scan# 416

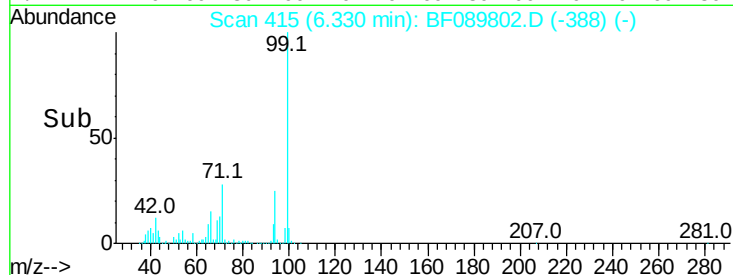
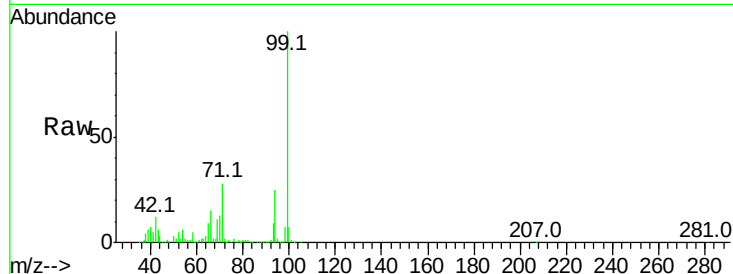
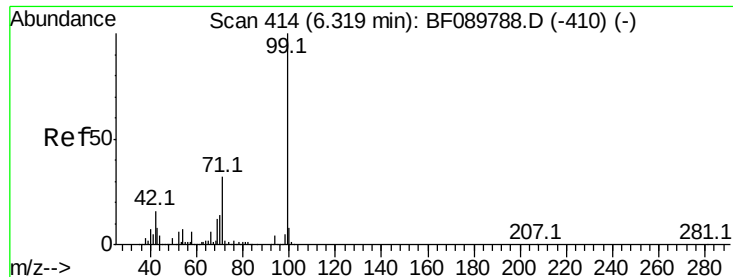
Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1010043 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 78.1  | 30.6  | 46.0#   |
| 65       | 52.4  | 15.4  | 23.2#   |





#7

Phenol-d6

Concen: 116.43 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 4498650 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 12.0  | 12.2  | 18.4#   |
| 71       | 27.7  | 23.8  | 35.8    |

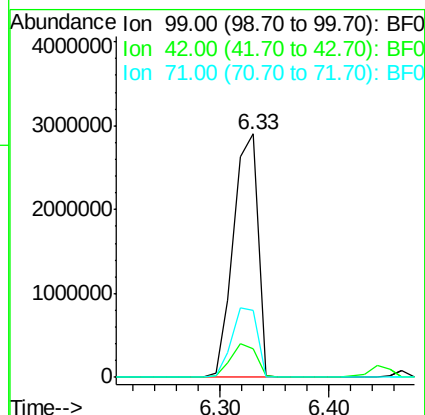
Instrument :

BNA\_F

ClientSampleId :

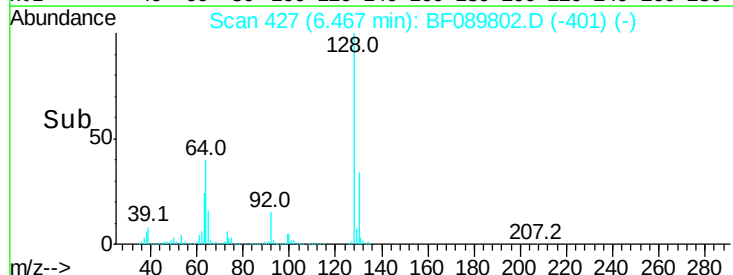
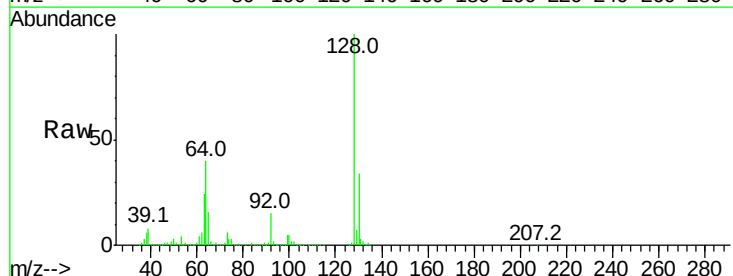
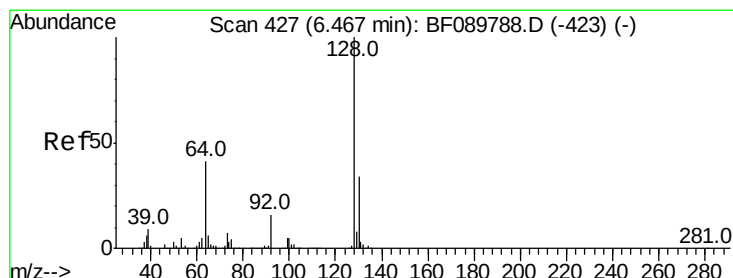
PB93006BS

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#8

2-Chlorophenol

Concen: 38.59 ng

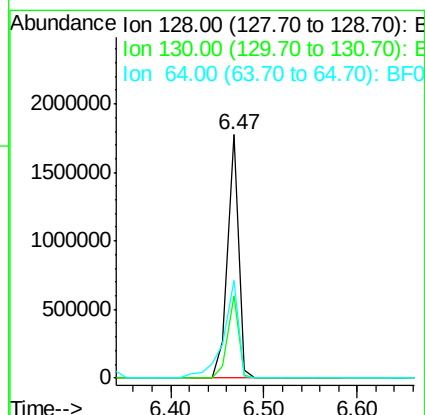
RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

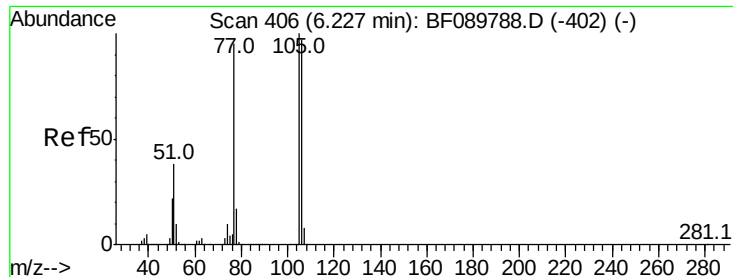
Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 1452485 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 130      | 34.0  | 12.0  | 52.0    |
| 64       | 40.2  | 35.1  | 75.1    |







#9

Benzaldehyde

Concen: 13.83 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

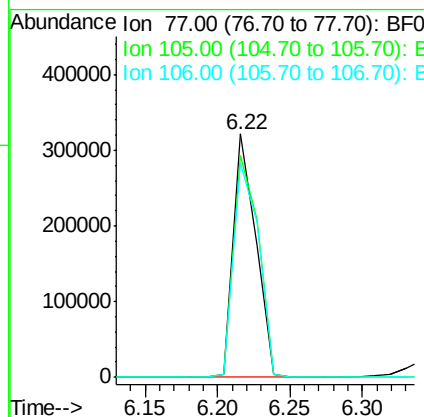
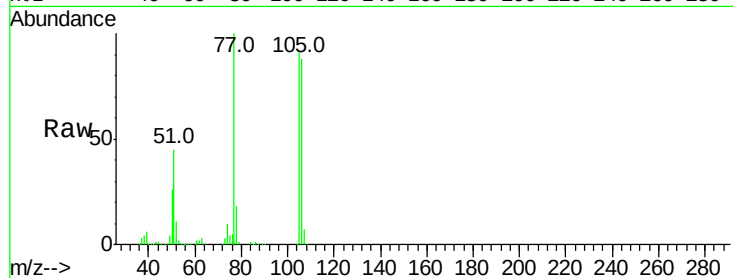
BNA\_F

ClientSampleId :

PB93006BS

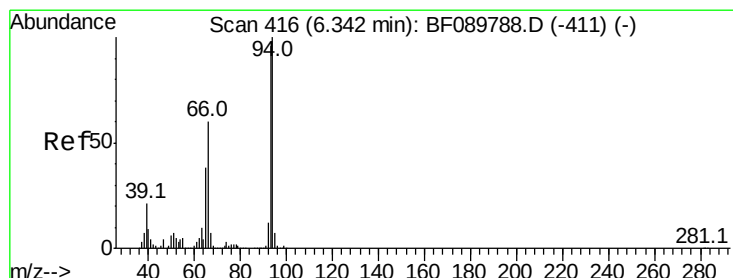
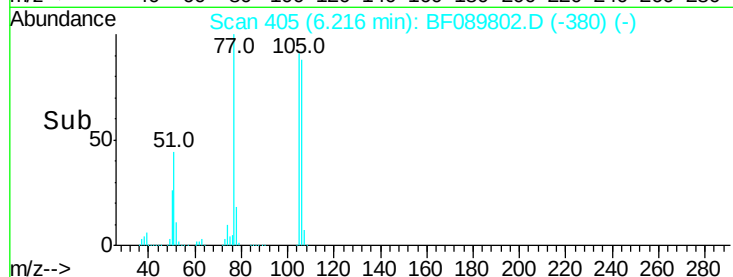
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 91.2  | 73.3  | 113.3 |
| 106     | 88.2  | 68.6  | 108.6 |

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#10

Phenol

Concen: 37.59 ng

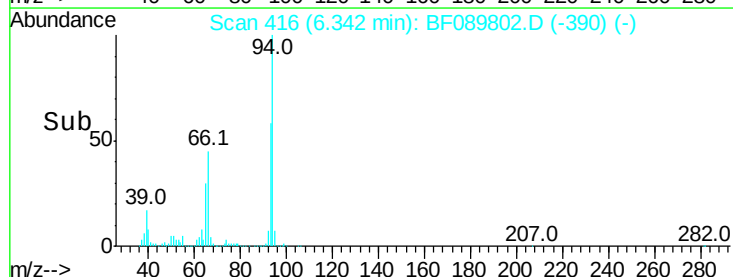
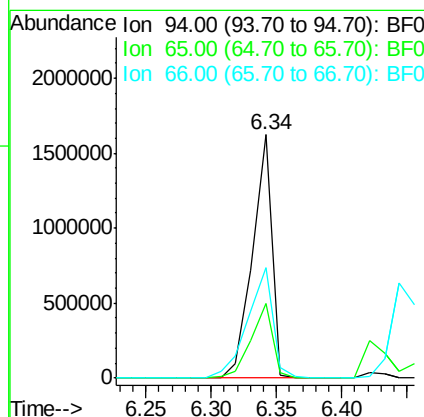
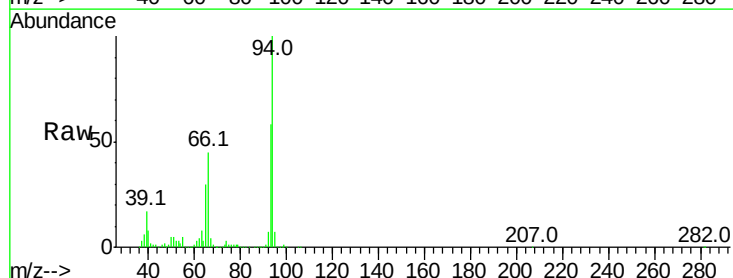
RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

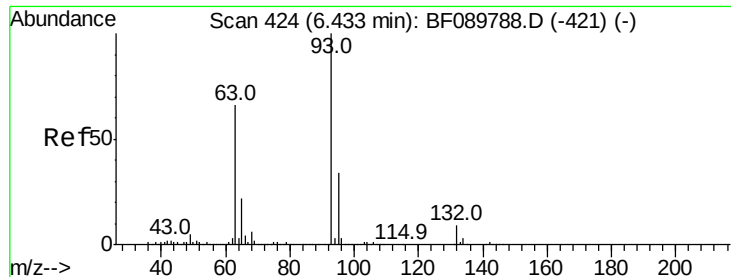
Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.5  | 14.0  | 54.0  |
| 66      | 45.4  | 31.2  | 71.2  |





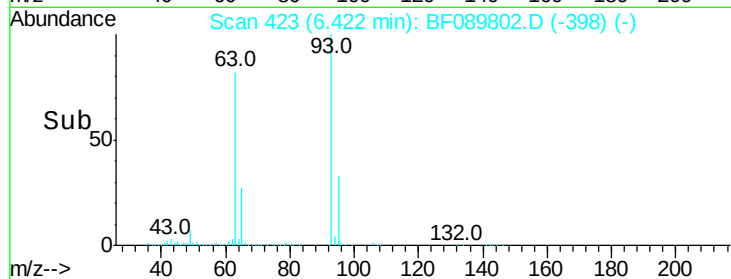
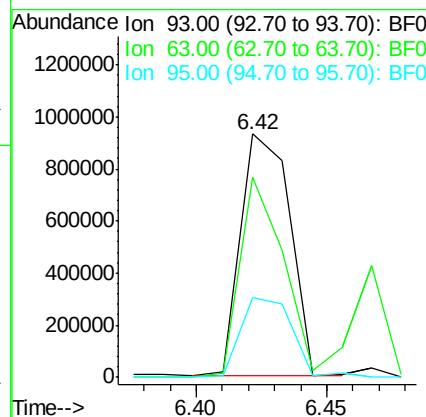
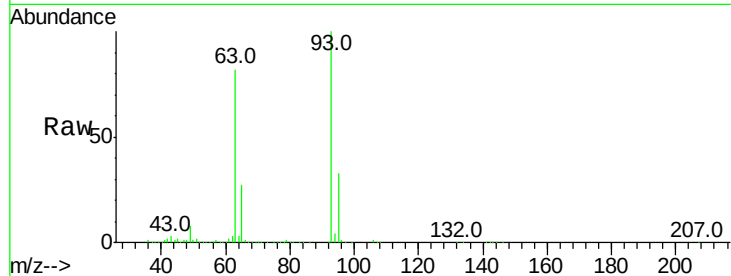


#11  
bis(2-Chloroethyl)ether  
Concen: 34.69 ng  
RT: 6.42 min Scan# 423  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

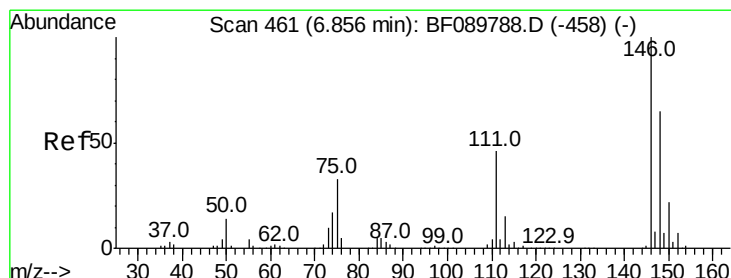
| Tot Ion | 93    | Resp  | 1218021 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 93      | 100   |       |         |
| 63      | 82.1  | 55.8  | 95.8    |
| 95      | 32.6  | 13.0  | 53.0    |

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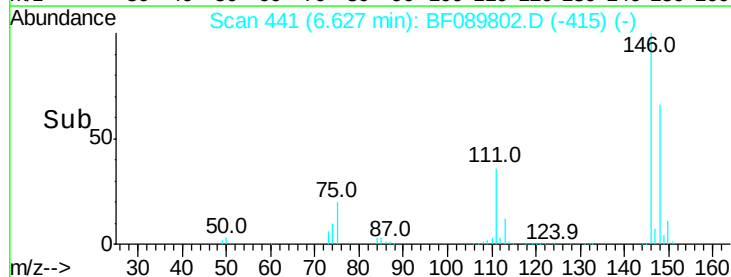
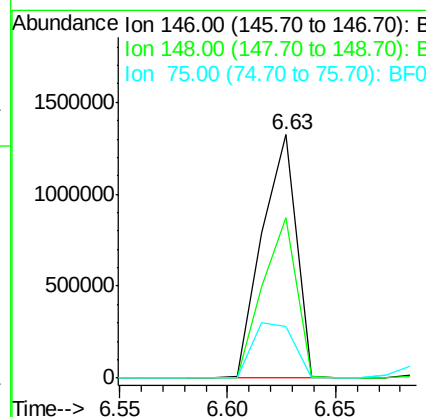
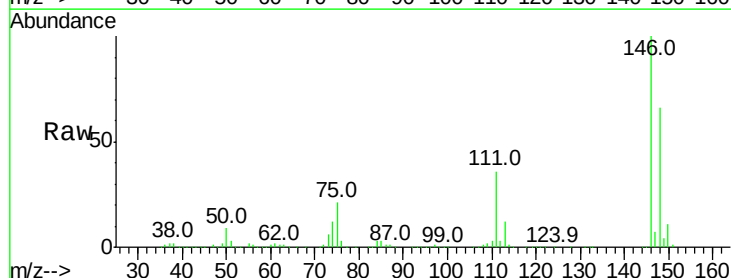
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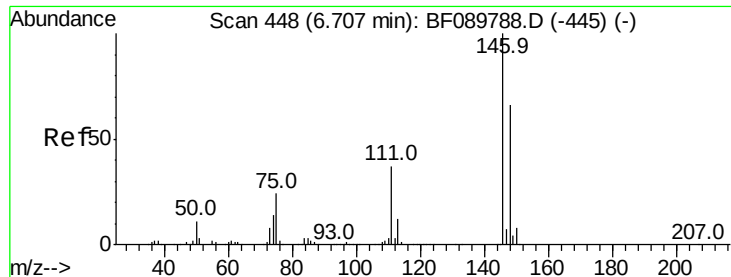
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#12  
1,3-Dichlorobenzene  
Concen: 37.16 ng m  
RT: 6.63 min Scan# 441  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | 146   | Resp  | 1462254 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 146     | 100   |       |         |
| 148     | 66.1  | 51.0  | 76.4    |
| 75      | 21.0  | 27.0  | 40.6#   |



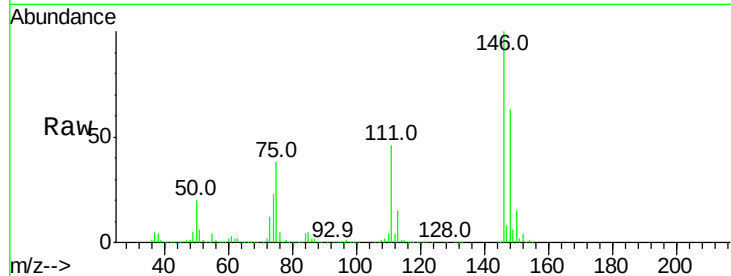


#13  
 1,4-Dichlorobenzene  
 Concen: 34.21 ng  
 RT: 6.70 min Scan# 447  
 Delta R.T. -0.01 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

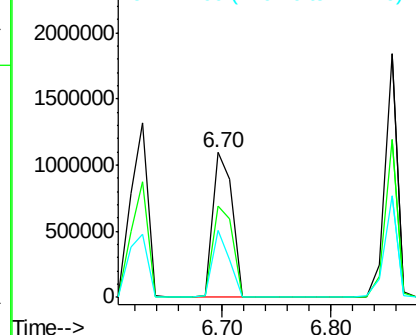
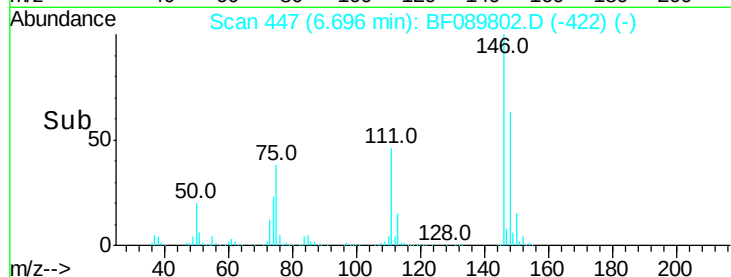
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 51.0  | 76.6  |
| 111     | 46.0  | 34.6  | 52.0  |

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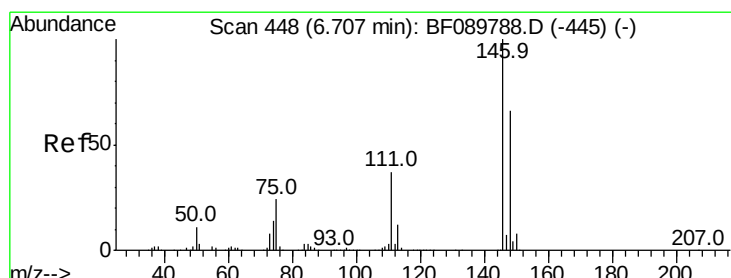


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E



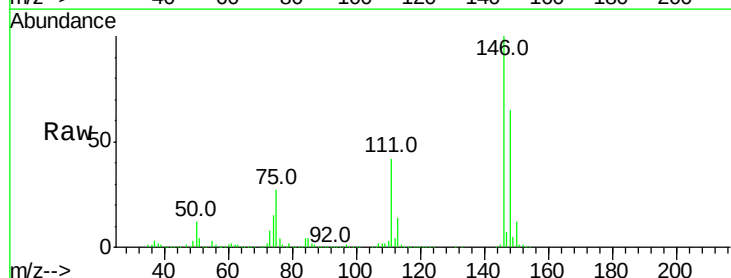
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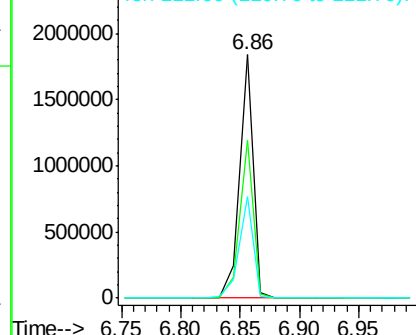
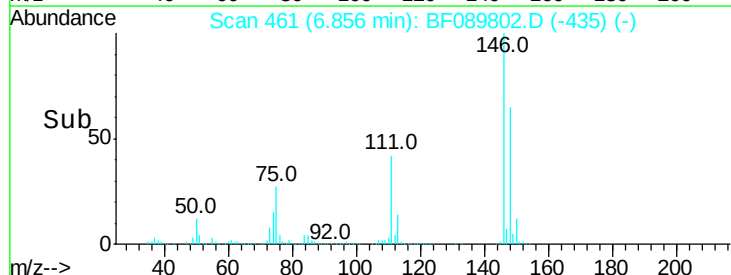


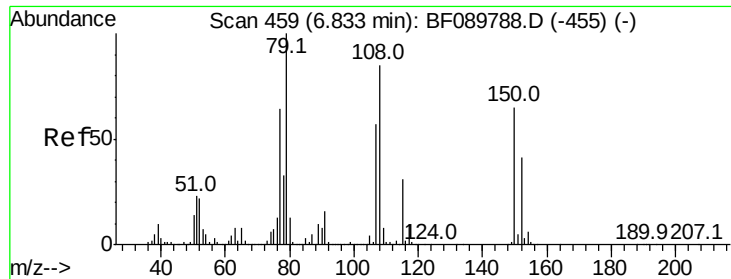
#14  
 1,2-Dichlorobenzene  
 Concen: 38.80 ng  
 RT: 6.86 min Scan# 461  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 52.2  | 78.2  |
| 111     | 41.7  | 29.8  | 44.6  |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.95 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampleId :

PB93006BS

Tot Ion: 79 Resp: 1100597

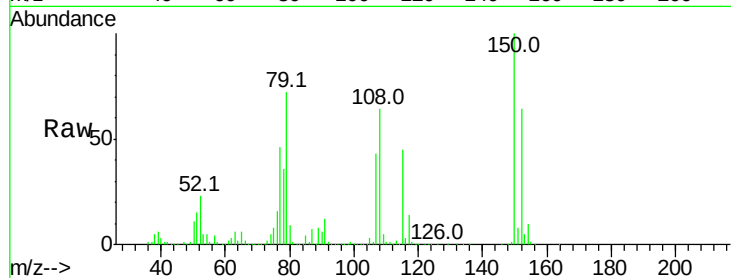
Ion Ratio Lower Upper

79 100

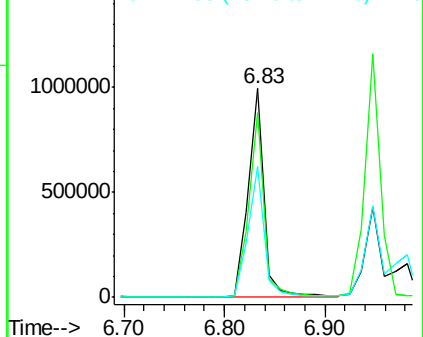
108 88.7 62.5 93.7

77 62.9 51.5 77.3

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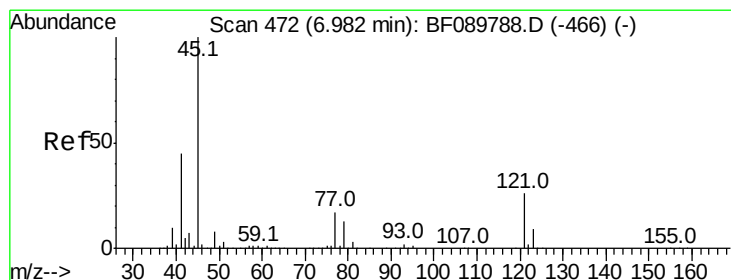
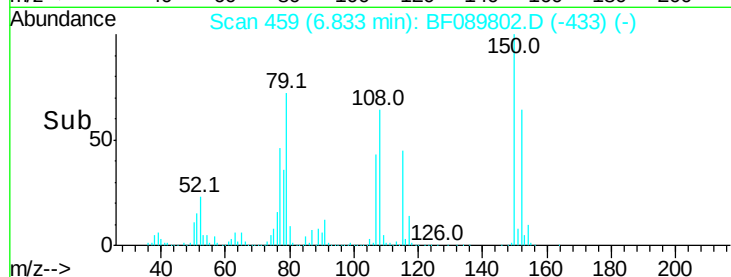


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0



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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.89 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

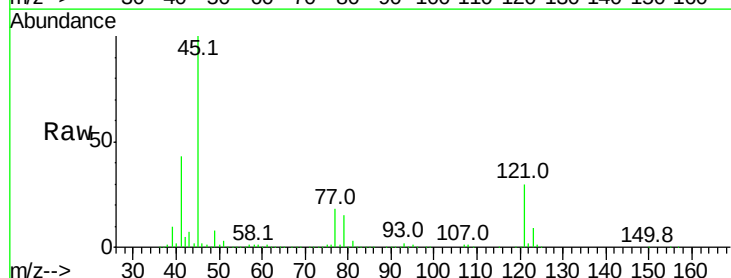
Tgt Ion: 45 Resp: 1612838

Ion Ratio Lower Upper

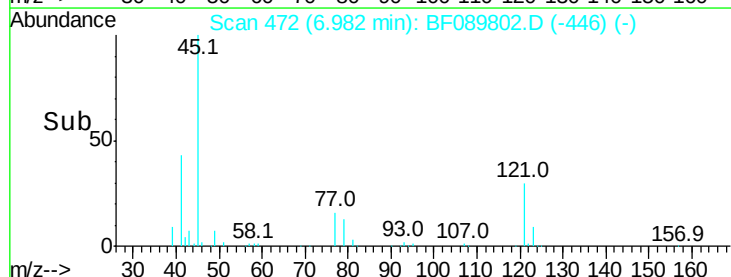
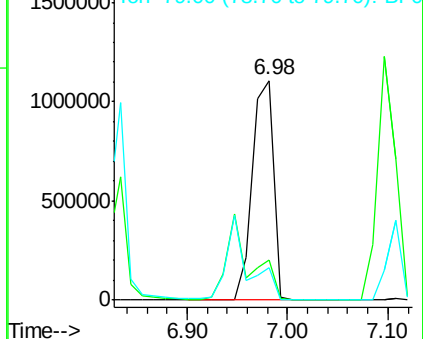
45 100

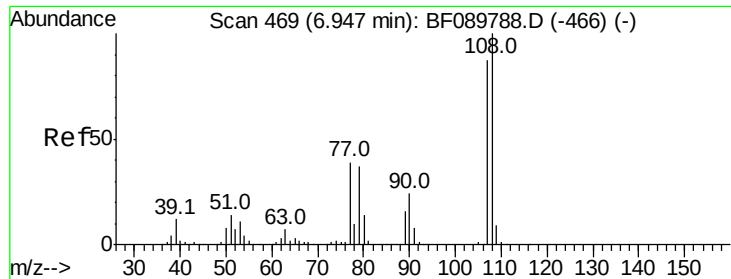
77 18.3 0.0 33.5

79 14.5 0.0 30.7



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0



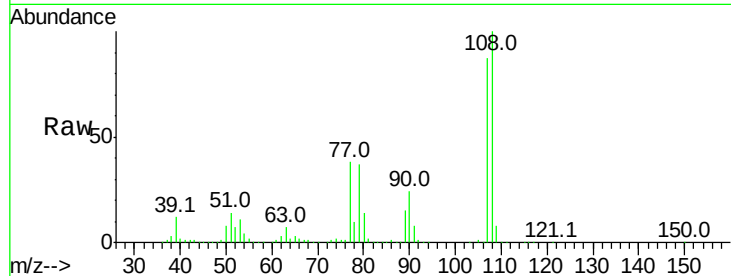


#17  
2-Methylphenol  
Concen: 36.90 ng  
RT: 6.95 min Scan# 469  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

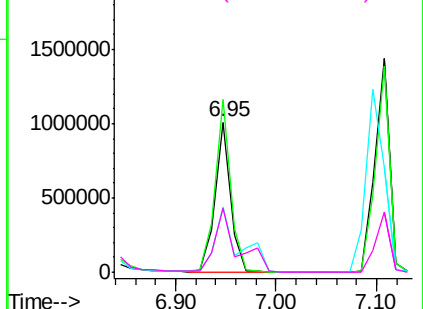
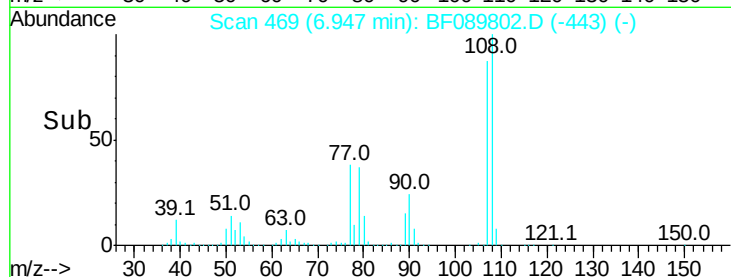
Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

| Tot Ion | 107   | Resp  | 1087853 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 107     | 100   |       |         |
| 108     | 115.0 | 91.0  | 136.4   |
| 77      | 43.3  | 37.4  | 56.0    |
| 79      | 42.4  | 36.6  | 55.0    |

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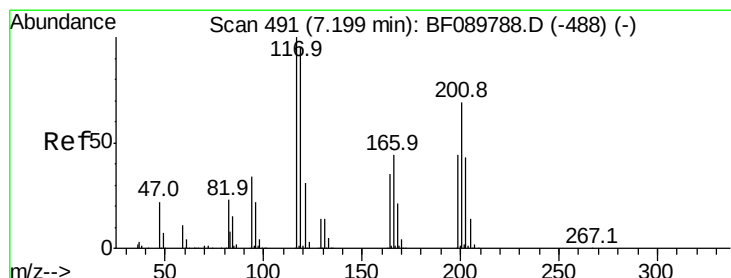


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0



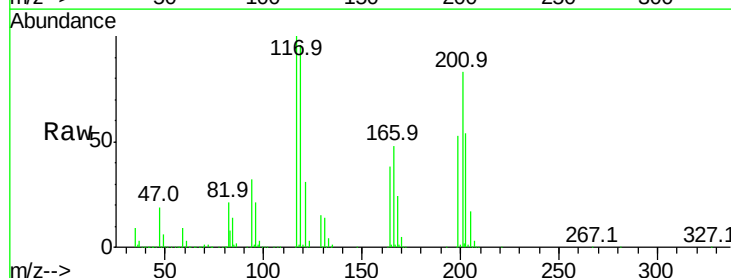
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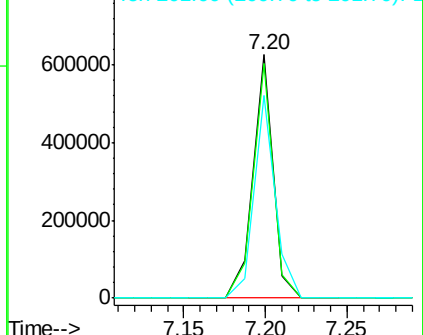
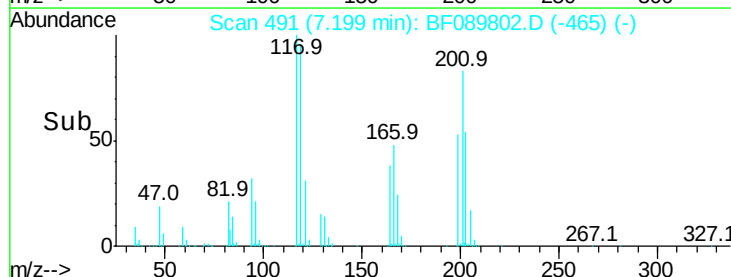


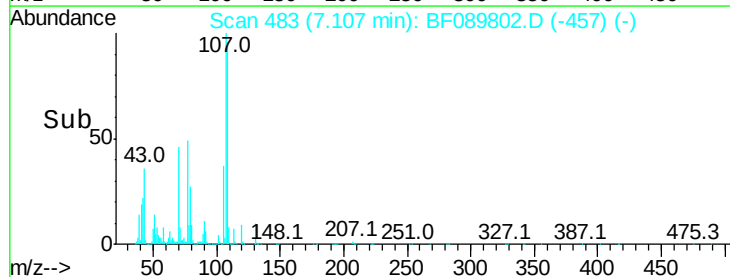
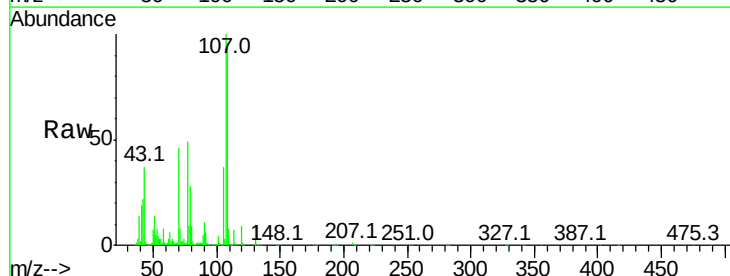
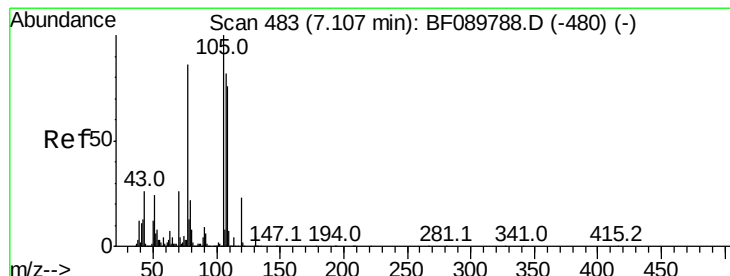
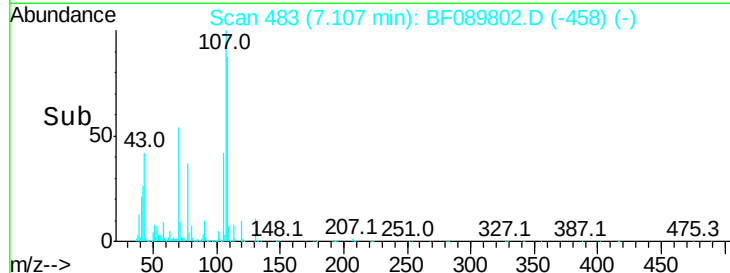
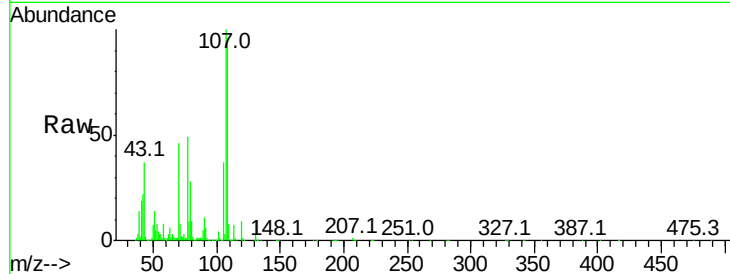
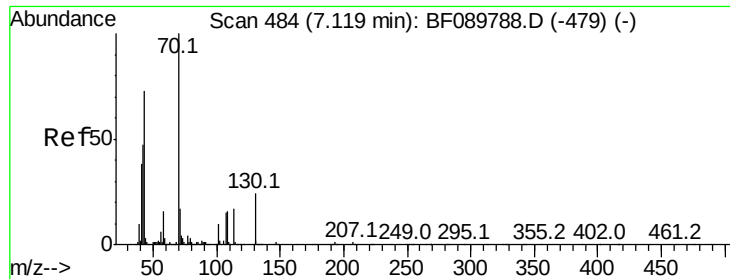
#18  
Hexachloroethane  
Concen: 37.17 ng  
RT: 7.20 min Scan# 491  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | 117   | Resp  | 536254 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 96.2  | 77.1  | 115.7  |
| 201     | 83.4  | 76.9  | 115.3  |



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: 35.17 ng

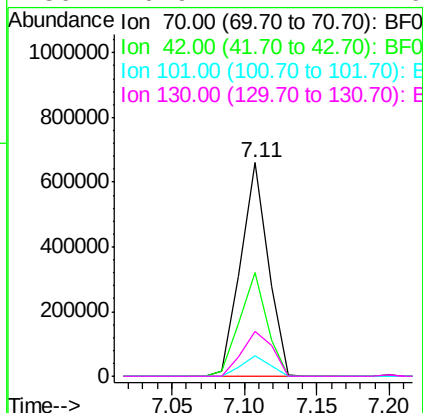
RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 48.8 | 46.3  | 69.5  |       |
| 101     | 9.7  | 7.0   | 10.6  |       |
| 130     | 20.9 | 14.4  | 21.6  |       |



Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

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#20

3+4-Methylphenols

Concen: 40.44 ng

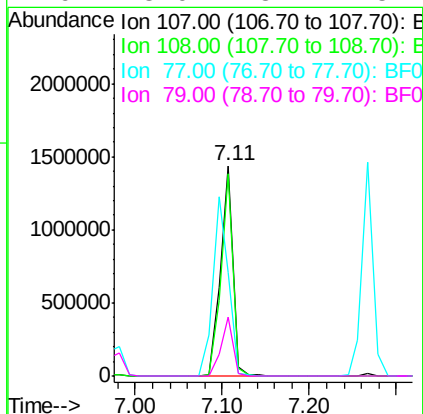
RT: 7.11 min Scan# 483

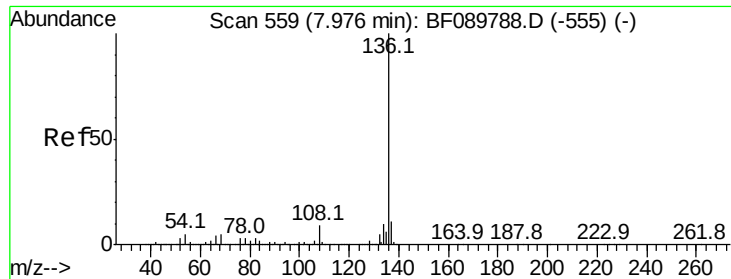
Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

| Tgt Ion | Ion  | Ratio | Lower  | Upper |
|---------|------|-------|--------|-------|
| 107     | 100  |       |        |       |
| 108     | 96.4 | 68.2  | 108.2  |       |
| 77      | 49.4 | 122.3 | 162.3# |       |
| 79      | 28.0 | 8.2   | 48.2   |       |



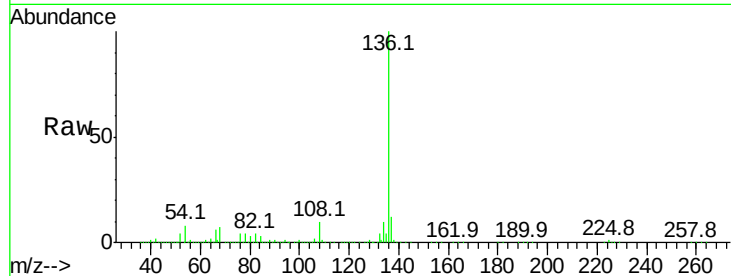


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.96 min Scan# 558  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

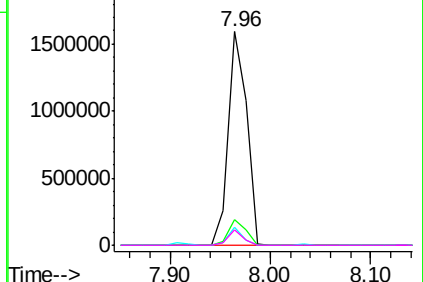
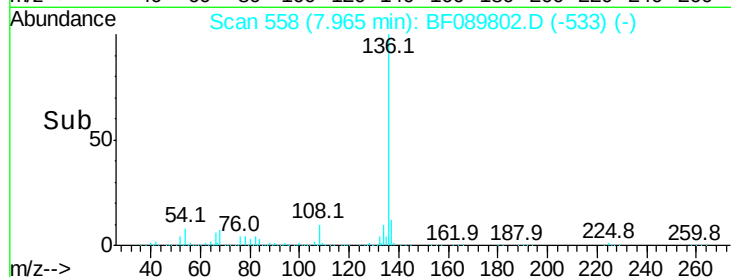
Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.7  | 9.2   | 13.8  |
| 54      | 8.2   | 7.2   | 10.8  |
| 68      | 7.2   | 5.8   | 8.8   |

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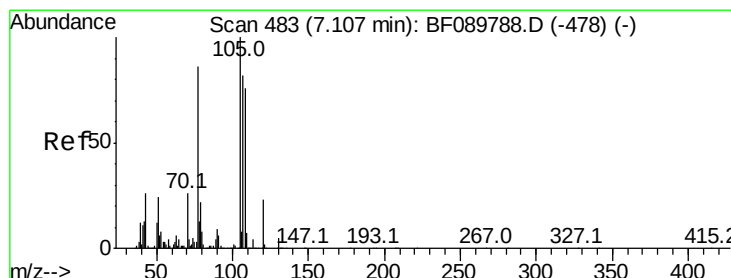


Abundance Ion 136.00 (135.70 to 136.70): E  
2500000  
Ion 137.00 (136.70 to 137.70): E  
2000000  
Ion 54.00 (53.70 to 54.70): BF0  
1500000  
Ion 68.00 (67.70 to 68.70): BF0  
1000000  
500000  
0



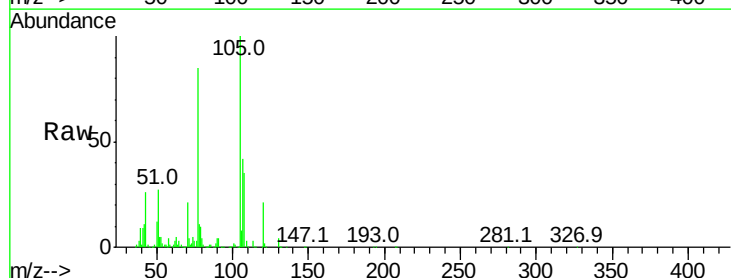
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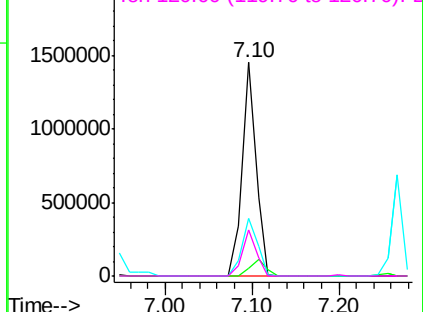
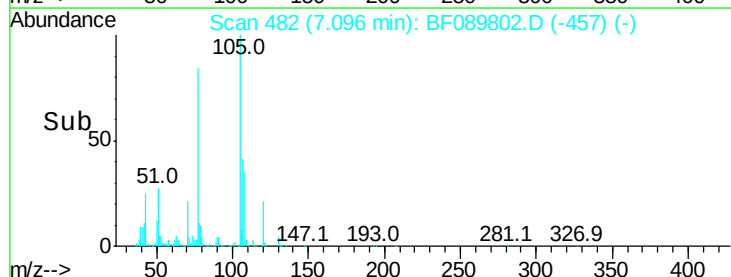


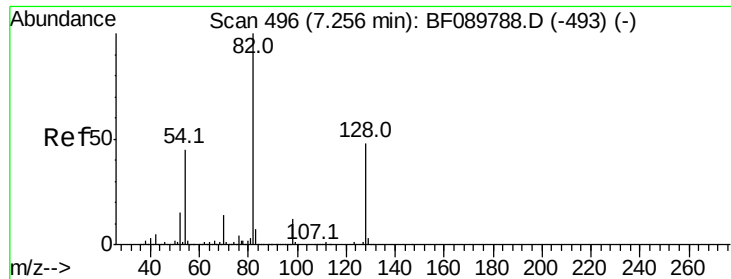
#22  
Acetophenone  
Concen: 34.74 ng  
RT: 7.10 min Scan# 482  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 3.6   | 1.9   | 2.9#  |
| 51      | 26.8  | 28.5  | 42.7# |
| 120     | 21.4  | 16.6  | 25.0  |



Abundance Ion 105.00 (104.70 to 105.70): E  
2000000  
Ion 71.00 (70.70 to 71.70): BF0  
1500000  
Ion 51.00 (50.70 to 51.70): BF0  
1000000  
Ion 120.00 (119.70 to 120.70): E  
500000  
0





#23

Nitrobenzene-d5

Concen: 85.51 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampled :

PB93006BS

Tot Ion: 82 Resp: 2777478

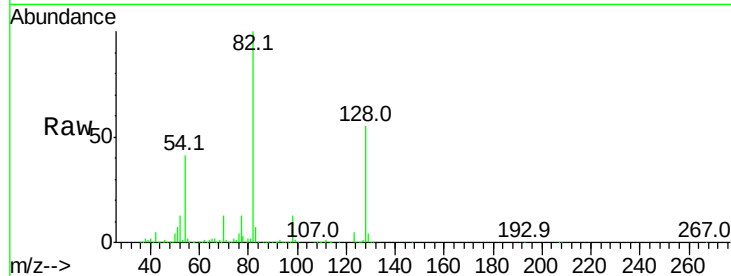
Ion Ratio Lower Upper

82 100

128 55.0 34.4 51.6#

54 40.6 40.3 60.5

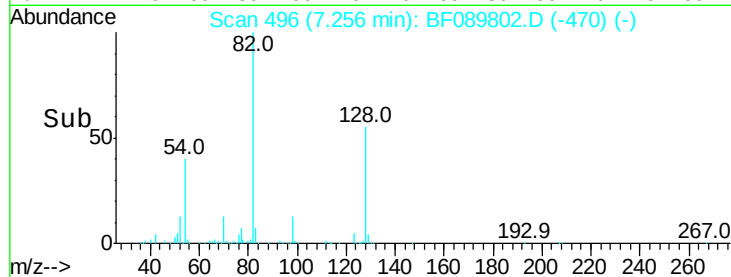
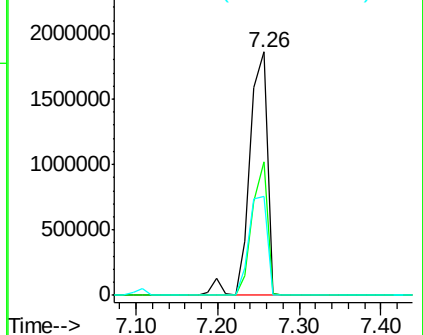
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Abundance Ion 82.00 (81.70 to 82.70): BF0

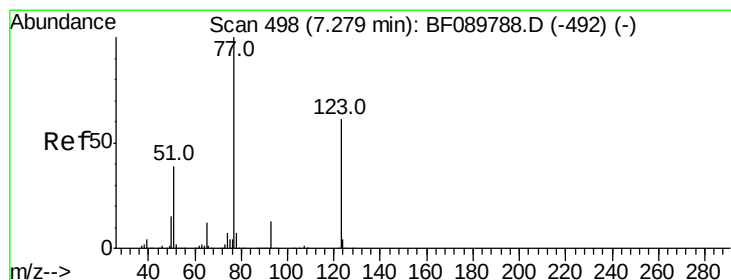
Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



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#24

Nitrobenzene

Concen: 35.23 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

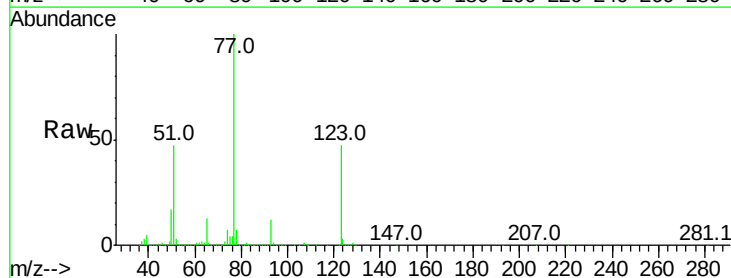
Tgt Ion: 77 Resp: 1283930

Ion Ratio Lower Upper

77 100

123 47.2 36.2 54.2

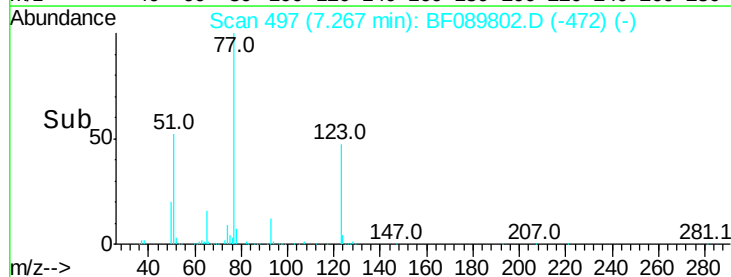
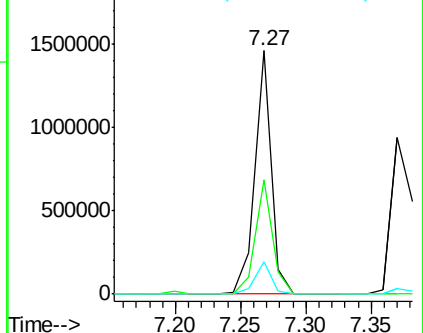
65 13.5 10.6 15.8



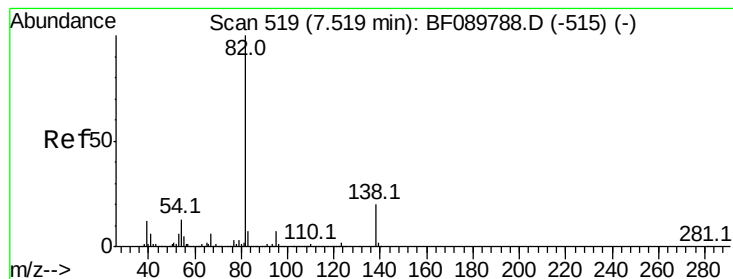
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0







#25

Isophorone

Concen: 37.59 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampled :

PB93006BS

Tot Ion: 82 Resp: 2462386

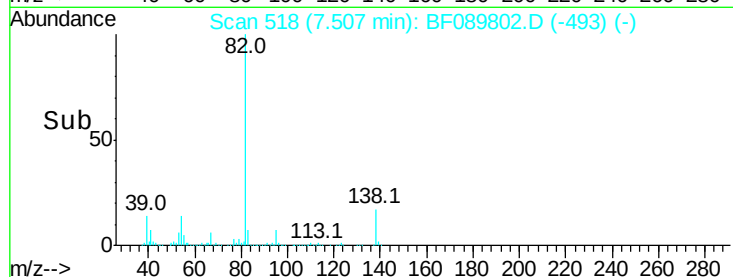
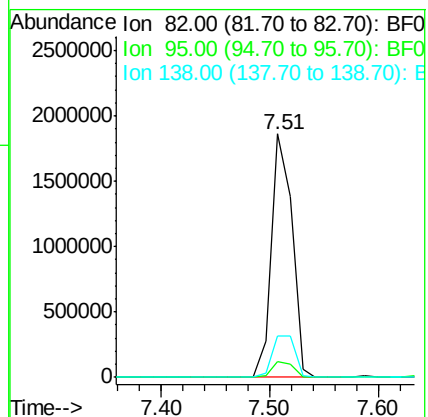
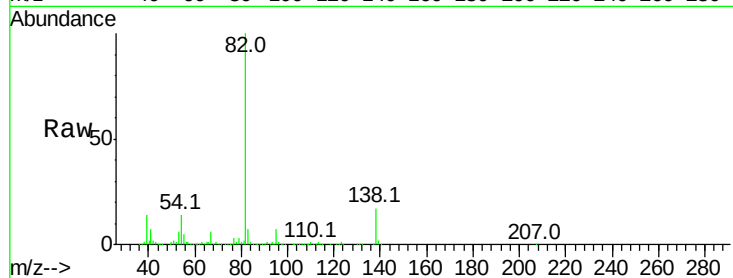
Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

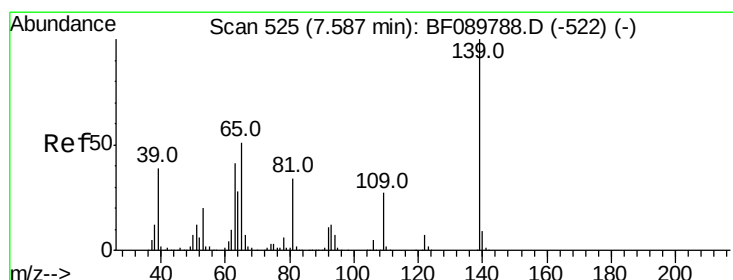
138 17.0 13.0 19.4

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#26

2-Nitrophenol

Concen: 42.02 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

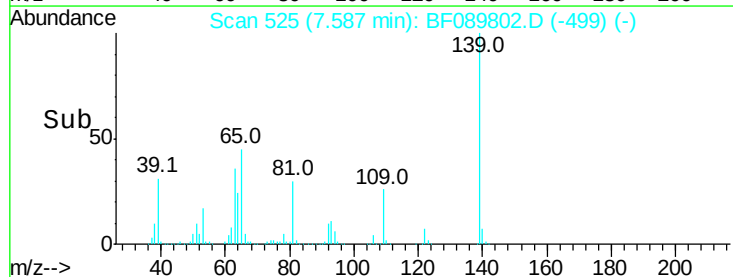
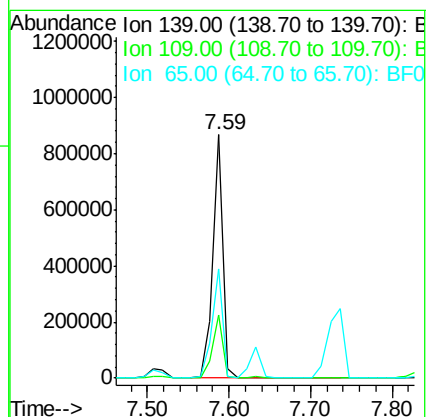
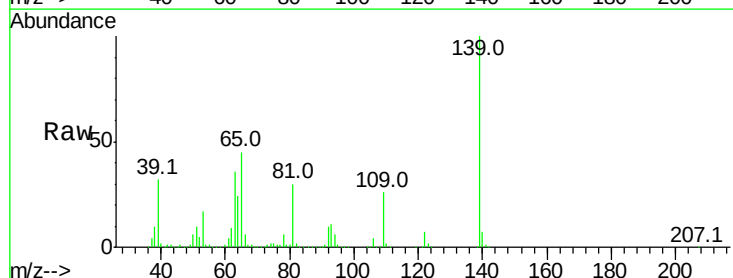
Tgt Ion: 139 Resp: 764100

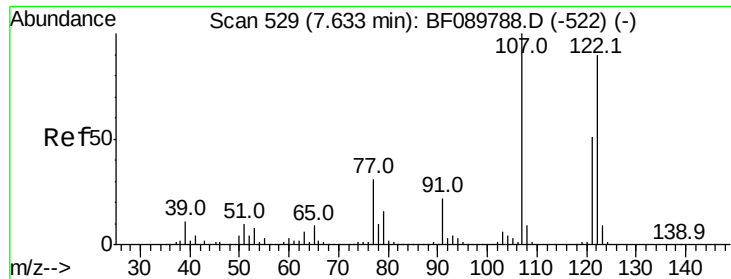
Ion Ratio Lower Upper

139 100

109 25.9 19.5 29.3

65 44.6 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 38.45 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampled :

PB93006BS

Tot Ion:122 Resp: 1259974

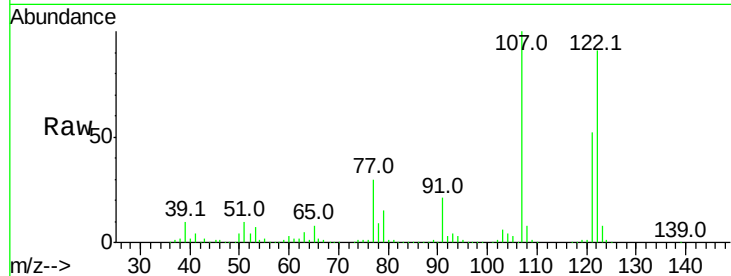
Ion Ratio Lower Upper

122 100

107 109.5 84.8 127.2

121 57.2 47.0 70.6

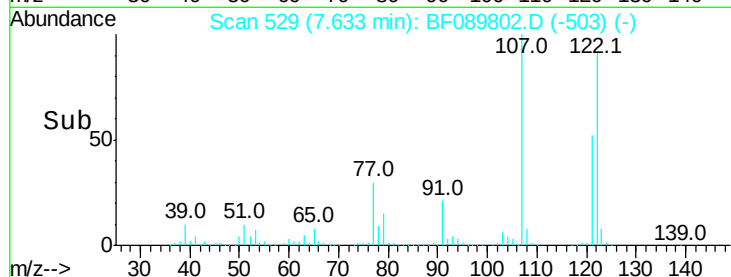
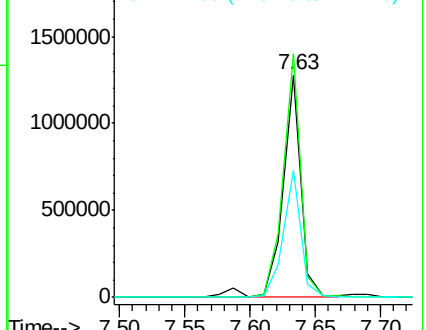
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Abundance Ion 122.00 (121.70 to 122.70): E

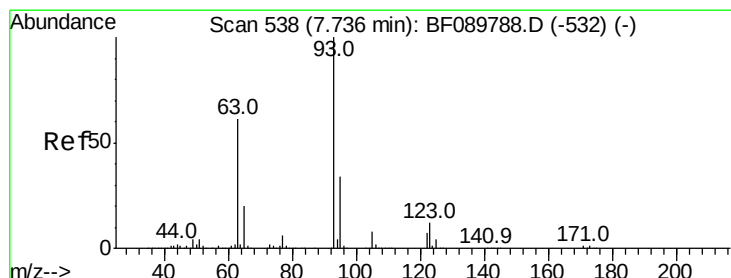
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 42.25 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

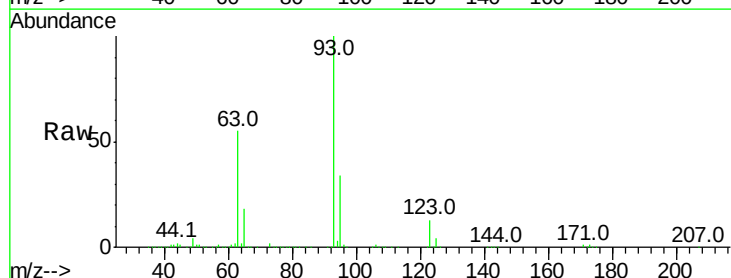
Tgt Ion: 93 Resp: 1712358

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

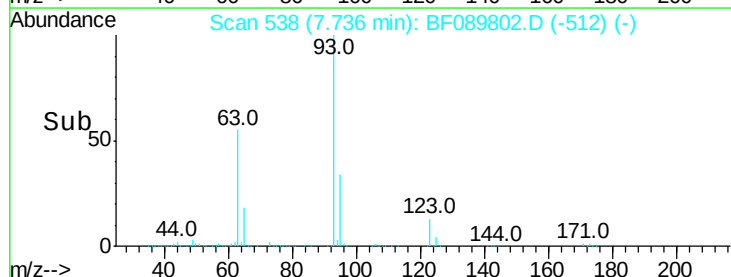
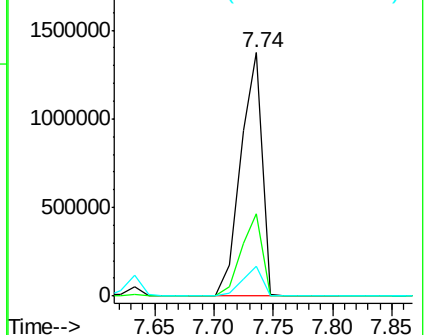
123 12.5 8.5 12.7

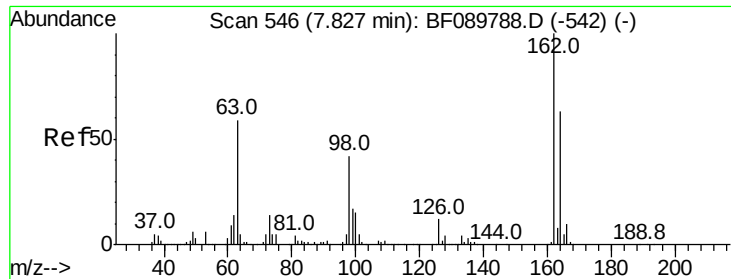


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



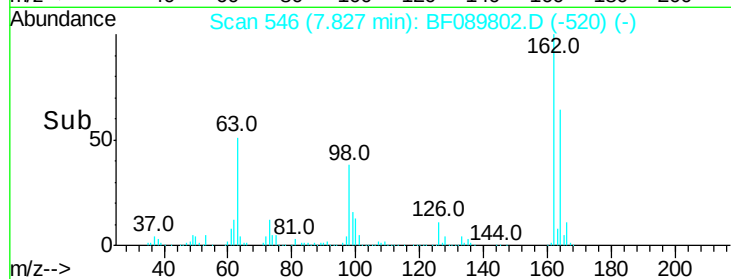
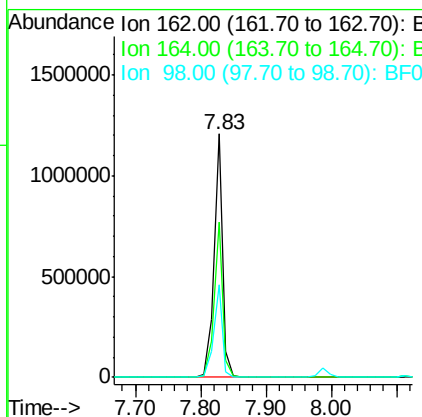
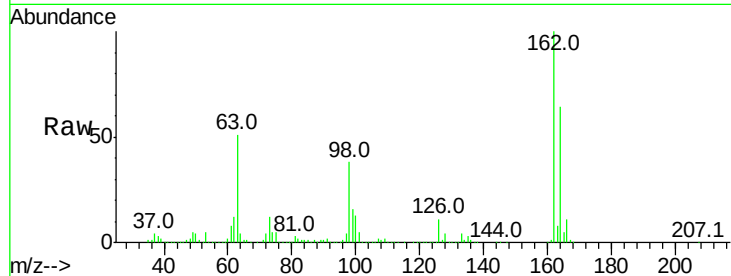


#29  
 2,4-Dichlorophenol  
 Concen: 41.45 ng  
 RT: 7.83 min Scan# 546  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB93006BS

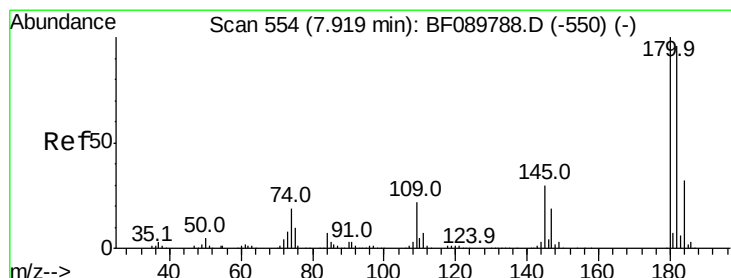
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.0  | 45.5  | 85.5  |
| 98      | 38.2  | 12.4  | 52.4  |

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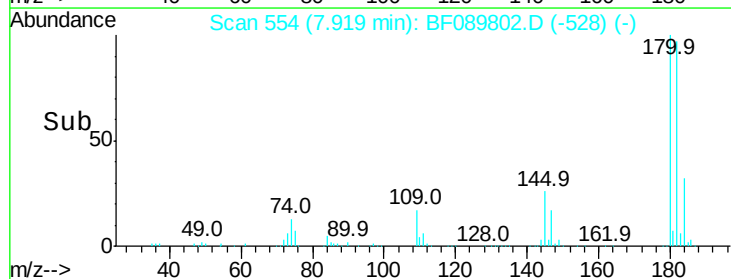
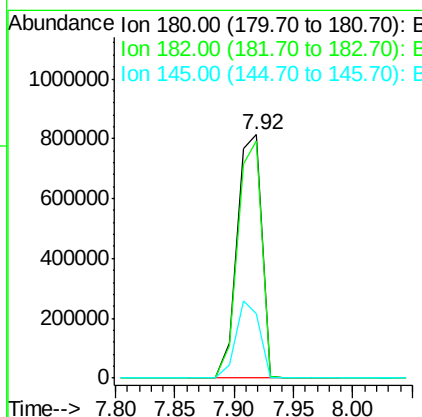
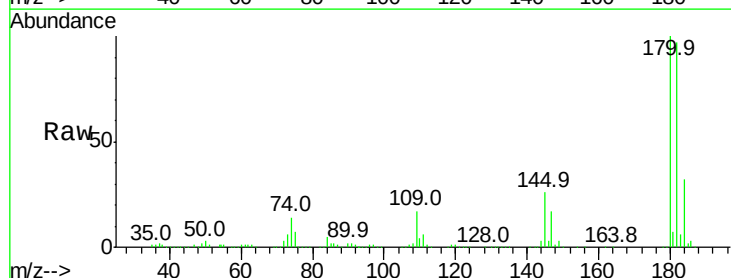
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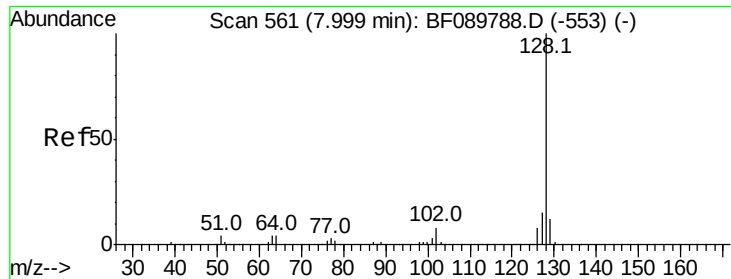
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.40 ng  
 RT: 7.92 min Scan# 554  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.5  | 75.5  | 113.3 |
| 145     | 26.3  | 28.7  | 43.1# |



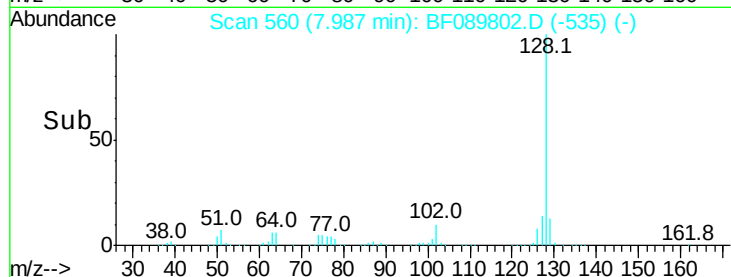
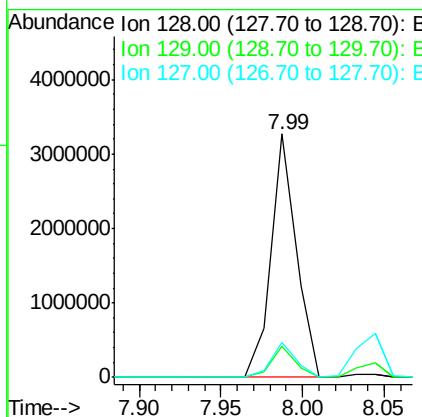
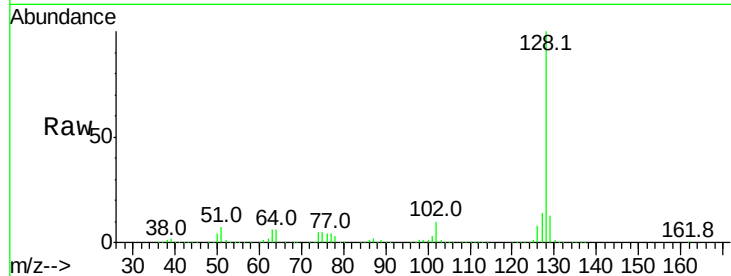


#31  
Naphthalene  
Concen: 37.65 ng  
RT: 7.99 min Scan# 560  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

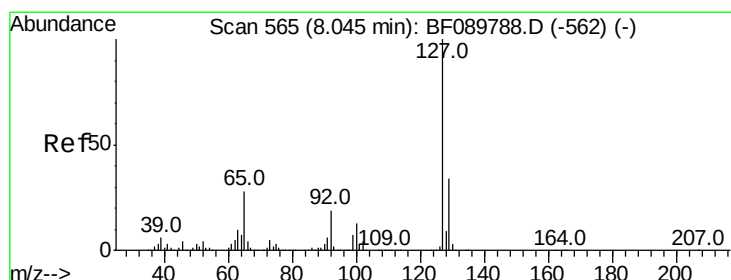
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.7  | 9.5   | 14.3  |
| 127     | 14.3  | 11.3  | 16.9  |

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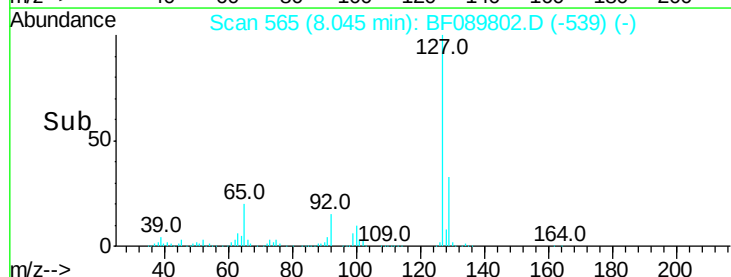
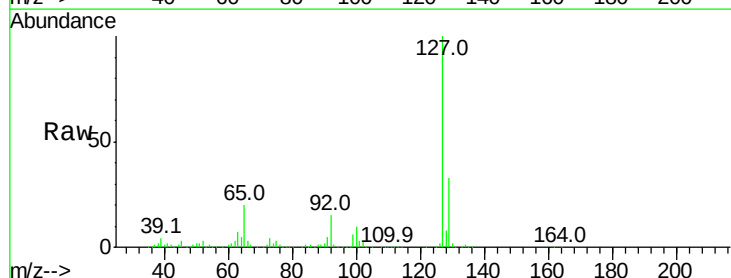
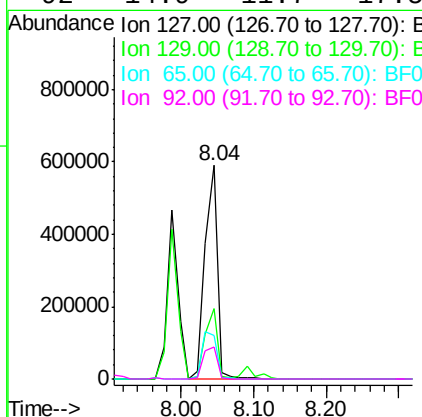
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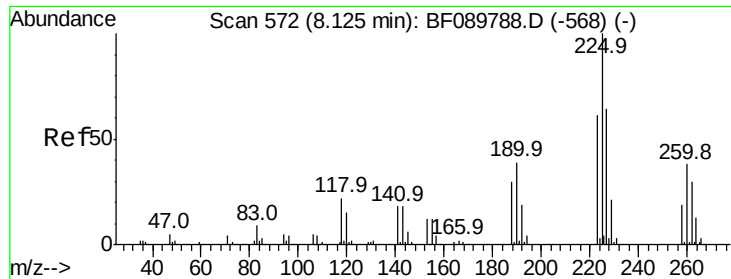
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#33  
4-Chloroaniline  
Concen: 17.27 ng  
RT: 8.04 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.8  | 27.0  | 40.6  |
| 65      | 20.4  | 14.7  | 22.1  |
| 92      | 14.9  | 11.7  | 17.5  |



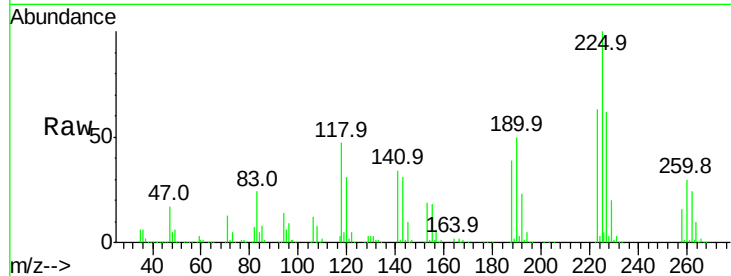


#34  
Hexachlorobutadiene  
Concen: 37.47 ng  
RT: 8.11 min Scan# 571  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

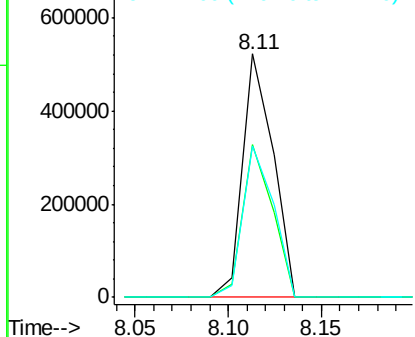
Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 596769 |       |       |
| 223     | 62.9  |        | 51.0  | 76.6  |
| 227     | 62.3  |        | 49.8  | 74.6  |

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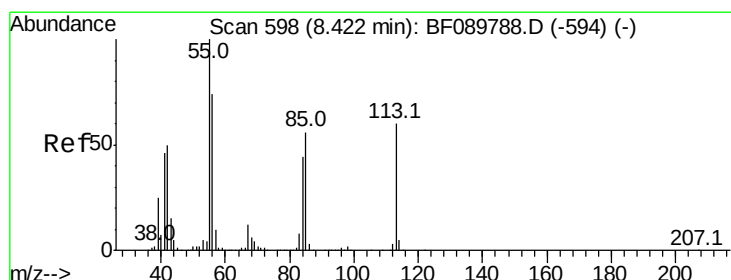
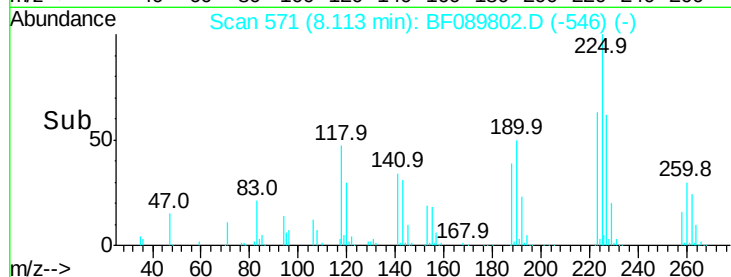


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



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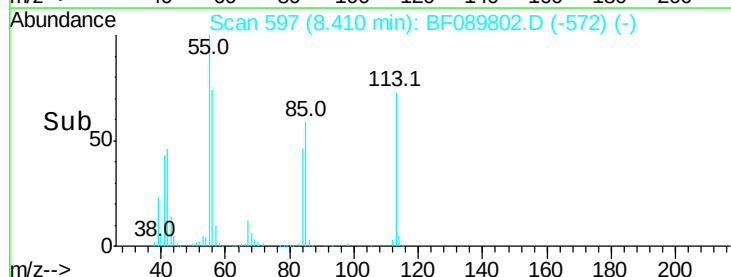
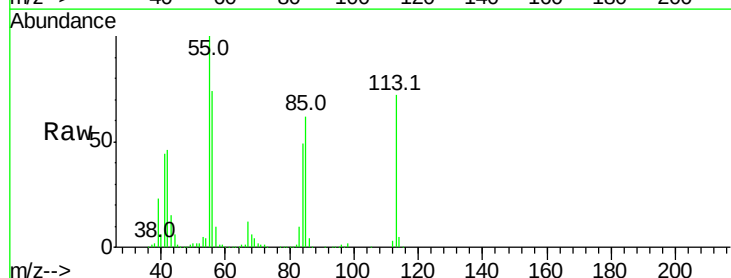
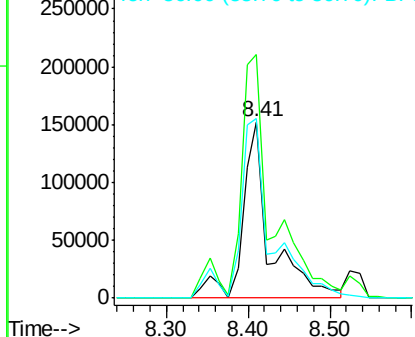
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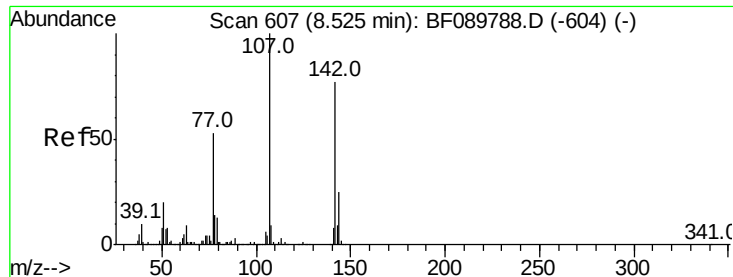


#35  
Caprolactam  
Concen: 42.39 ng m  
RT: 8.41 min Scan# 597  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 354994 |       |       |
| 55      | 138.2 |        | 135.9 | 175.9 |
| 56      | 101.8 |        | 93.9  | 133.9 |

Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0



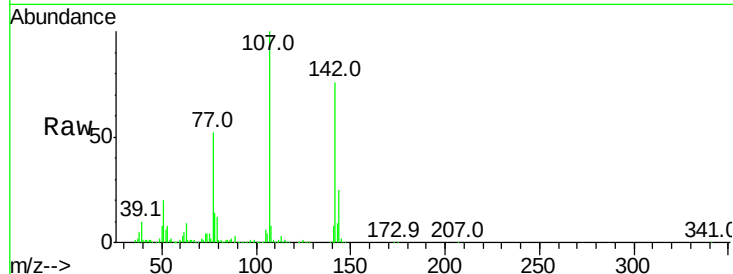


#36  
 4-Chloro-3-methylphenol  
 Concen: 40.41 ng  
 RT: 8.52 min Scan# 607  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

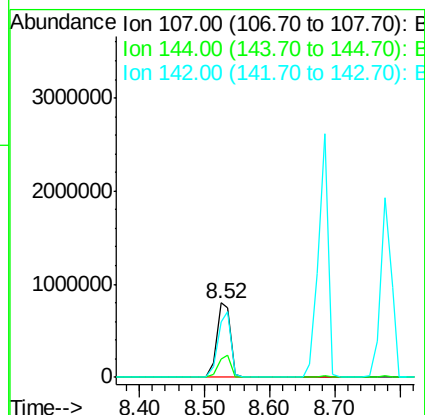
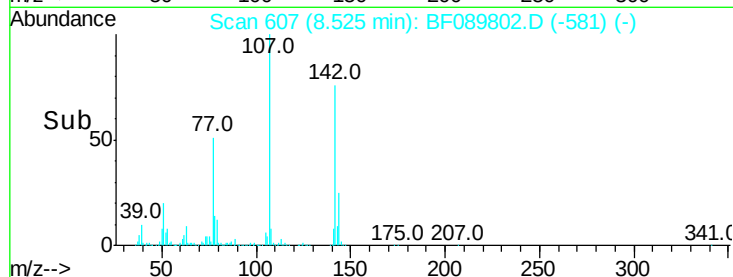
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.9  | 22.6  | 34.0  |
| 142     | 75.7  | 69.3  | 103.9 |

Manual Integrations  
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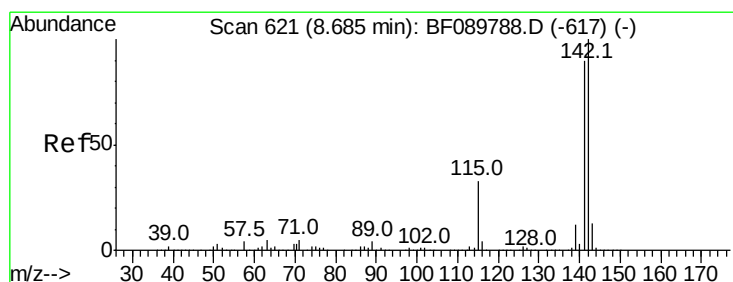


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E



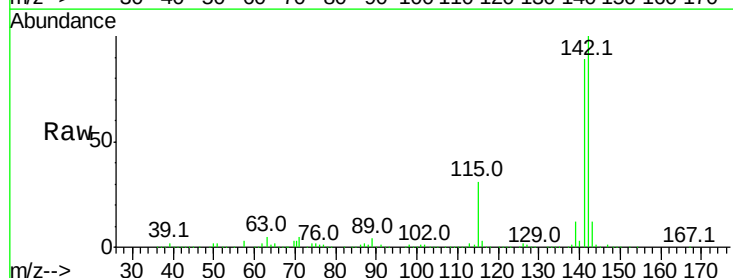
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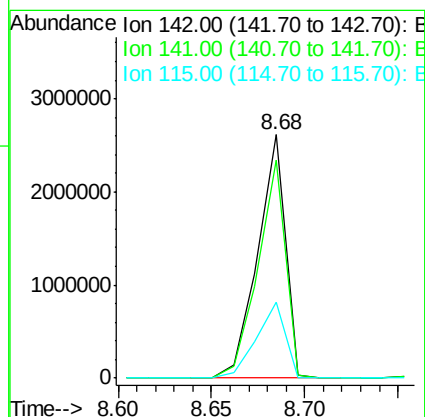
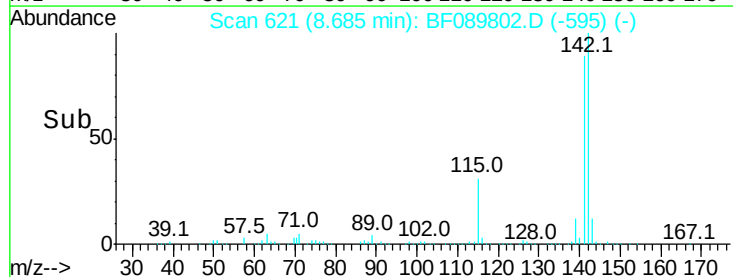


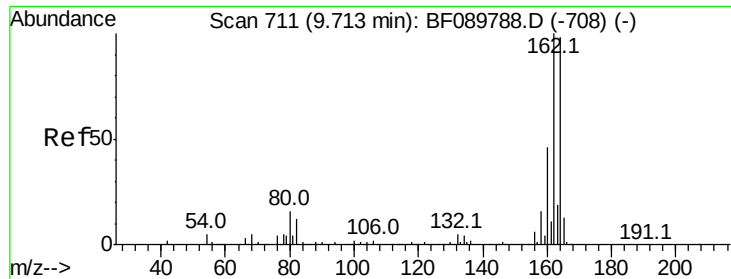
#37  
 2-Methylnaphthalene  
 Concen: 43.98 ng  
 RT: 8.68 min Scan# 621  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 71.4  | 107.2 |
| 115     | 31.2  | 22.7  | 34.1  |



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

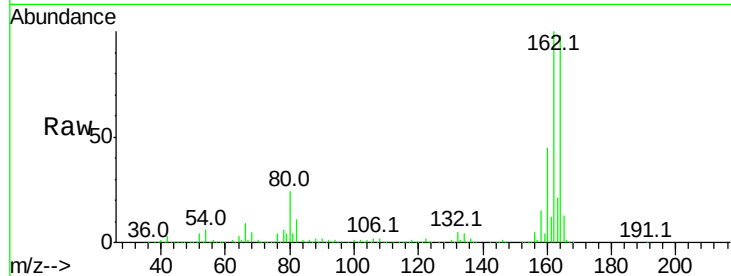
BNA\_F

ClientSampled :

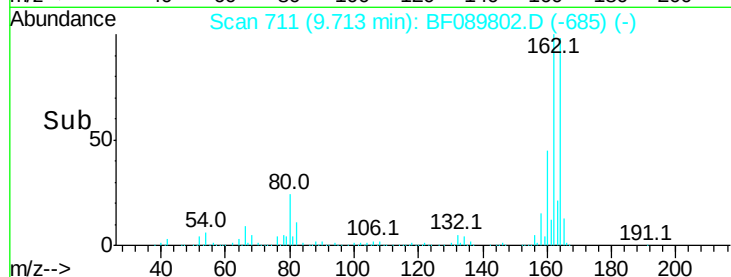
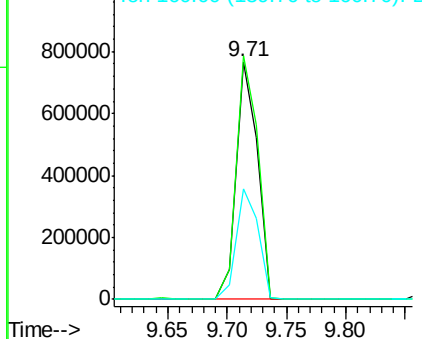
PB93006BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 955906 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.5 | 81.4  | 122.2  |
| 160       | 46.4  | 37.8  | 56.6   |

Manual Integrations  
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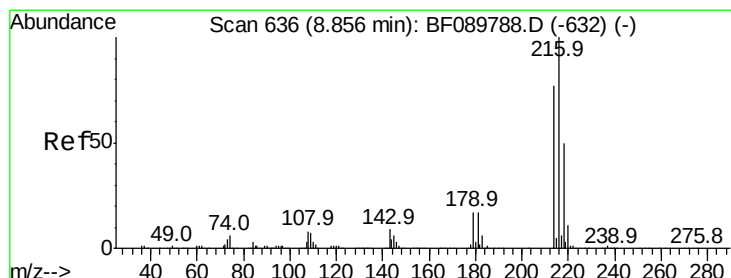


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



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#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.13 ng

RT: 8.84 min Scan# 635

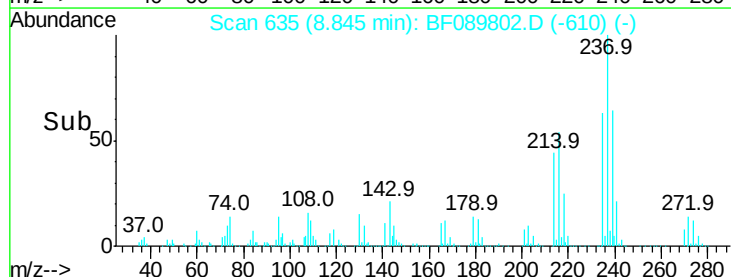
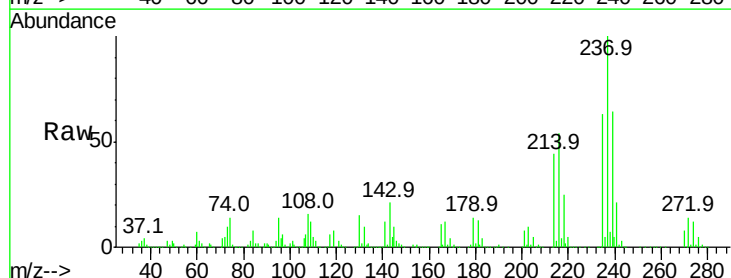
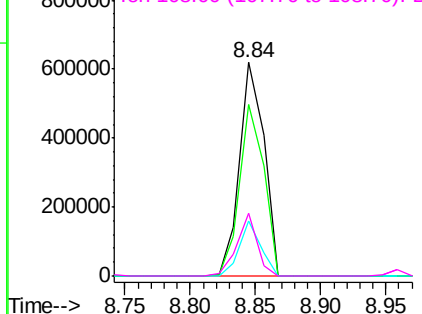
Delta R.T. -0.01 min

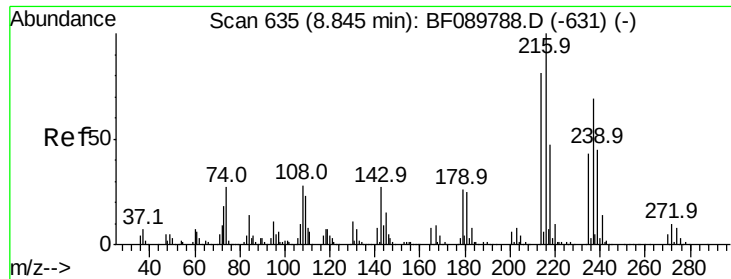
Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 808924 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.5  | 63.5  | 95.3   |
| 179       | 22.4  | 19.9  | 29.9   |
| 108       | 24.2  | 19.9  | 29.9   |

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





#40

Hexachlorocyclopentadiene

Concen: 112.59 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampled :

PB93006BS

Tot Ion:237 Resp: 1209998

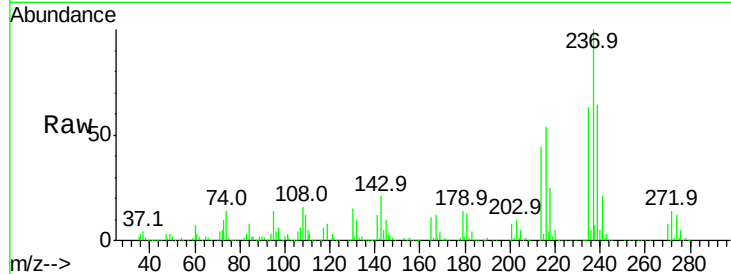
Ion Ratio Lower Upper

237 100

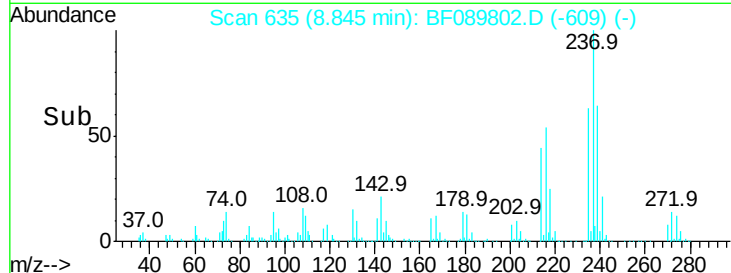
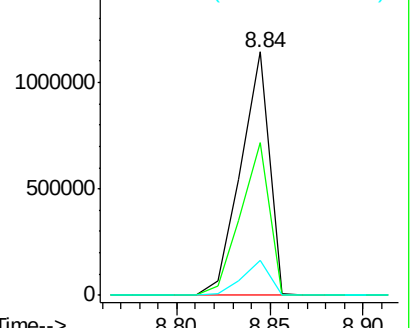
235 62.6 43.7 83.7

272 14.1 0.0 31.6

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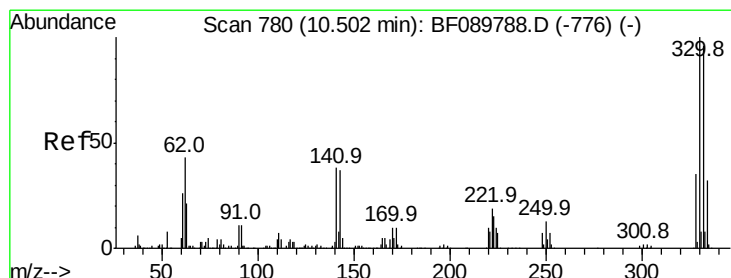


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



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#41

2,4,6-Tribromophenol

Concen: 111.87 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

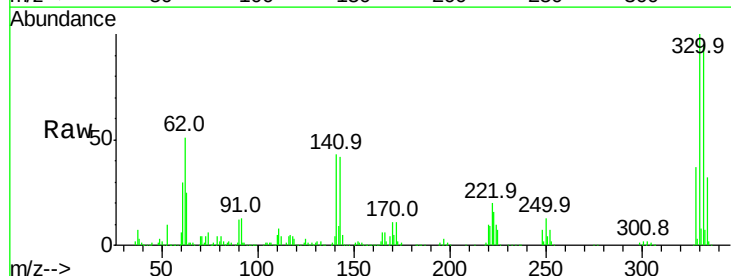
Tgt Ion:330 Resp: 1016238

Ion Ratio Lower Upper

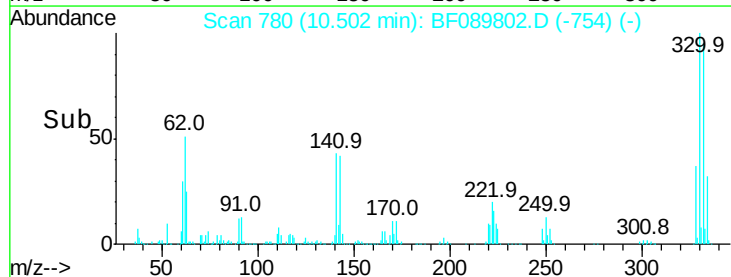
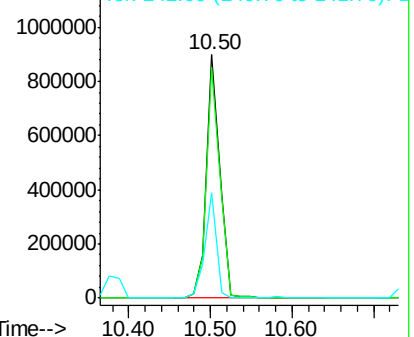
330 100

332 96.0 76.7 115.1

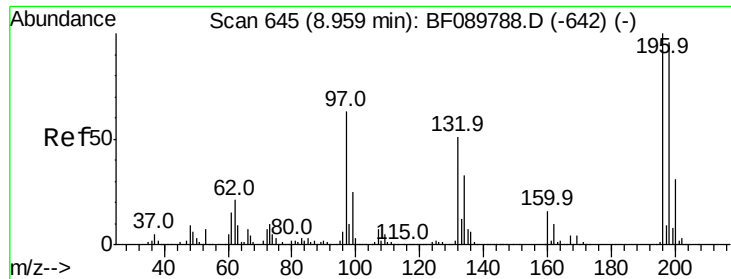
141 37.7 30.2 45.2



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





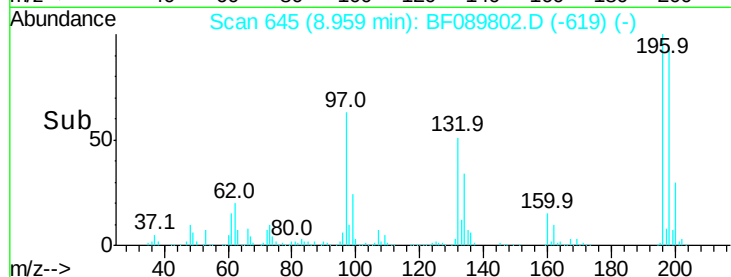
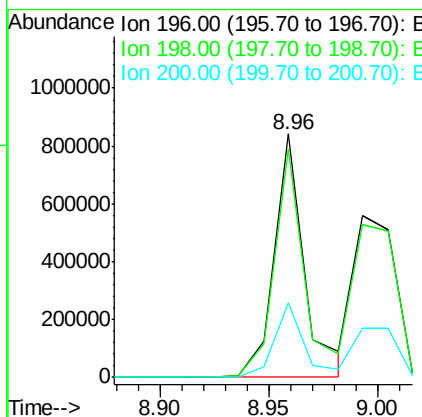
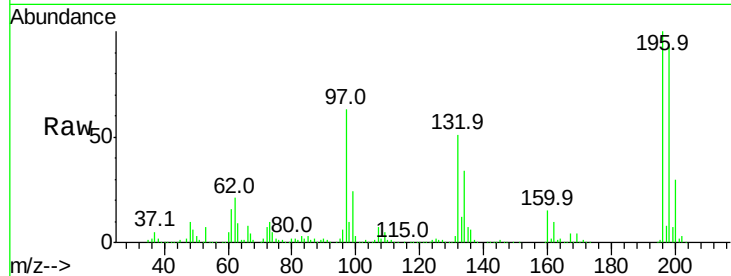


#42  
 2,4,6-Trichlorophenol  
 Concen: 41.95 ng  
 RT: 8.96 min Scan# 645  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB93006BS

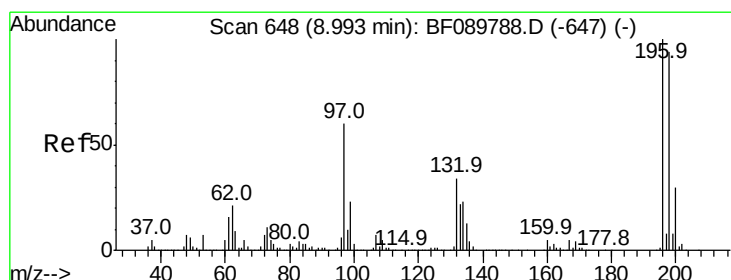
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 816890 |       |       |
| 198     | 93.8  | 76.3   | 114.5 |       |
| 200     | 30.5  | 24.6   | 36.8  |       |

Manual Integrations  
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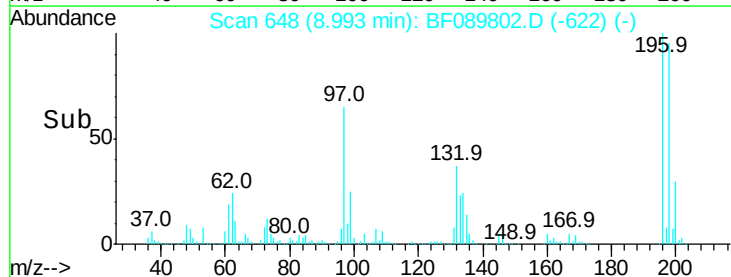
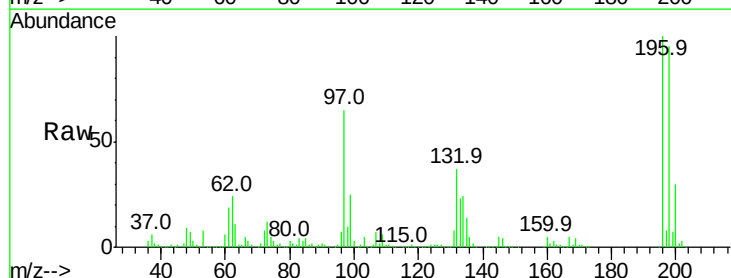
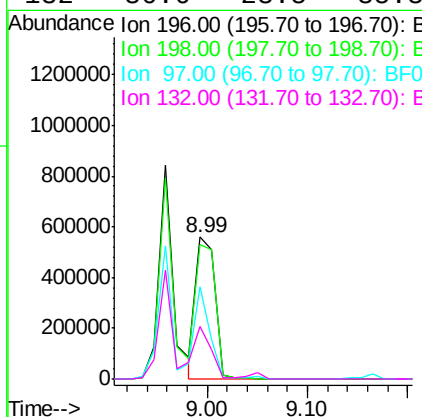
sohil

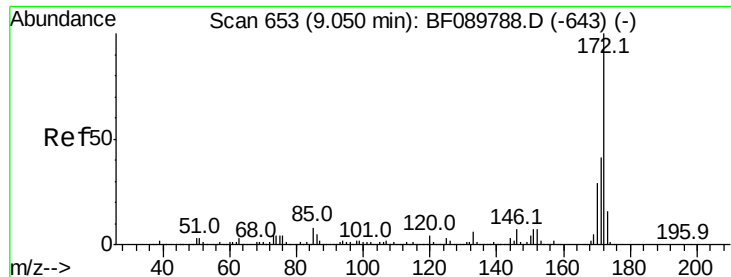
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#43  
 2,4,5-Trichlorophenol  
 Concen: 39.03 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 755888 |       |       |
| 198     | 94.5  | 76.6   | 114.8 |       |
| 97      | 65.4  | 35.8   | 53.8# |       |
| 132     | 36.6  | 23.5   | 35.3# |       |



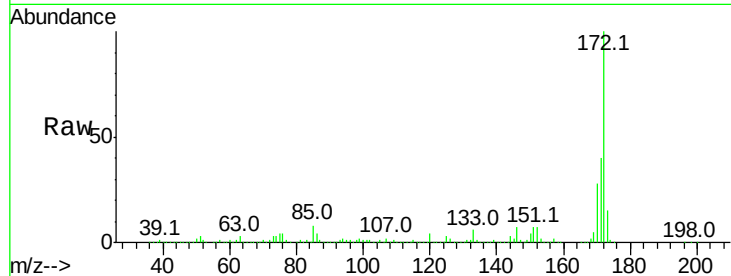


#44  
2-Fluorobiphenyl  
Concen: 79.98 ng  
RT: 9.05 min Scan# 653  
Delta R.T. 0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

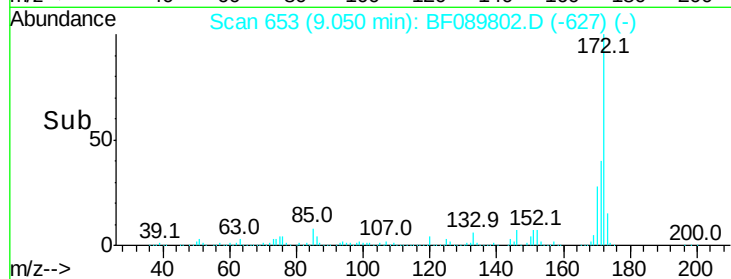
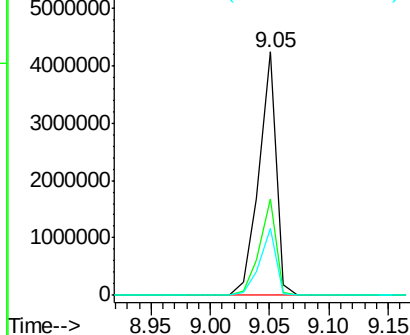
Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

Tot Ion:172 Resp: 4349813  
Ion Ratio Lower Upper  
172 100  
171 39.6 30.5 45.7  
170 27.7 20.6 31.0

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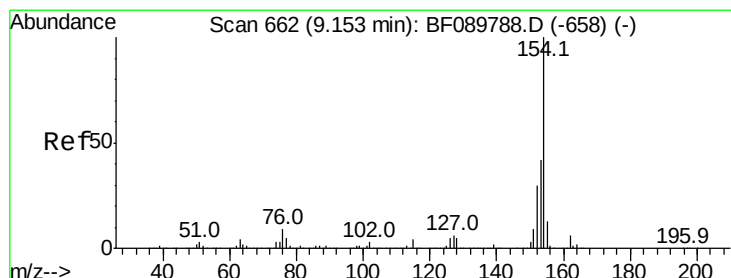


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E



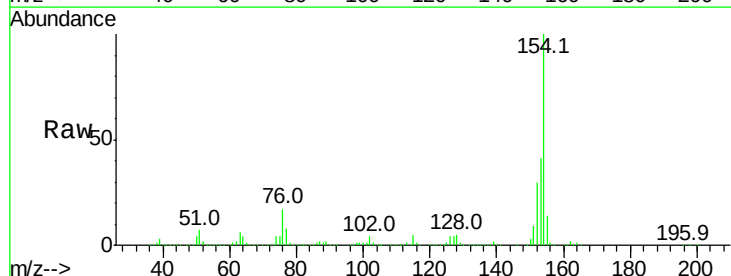
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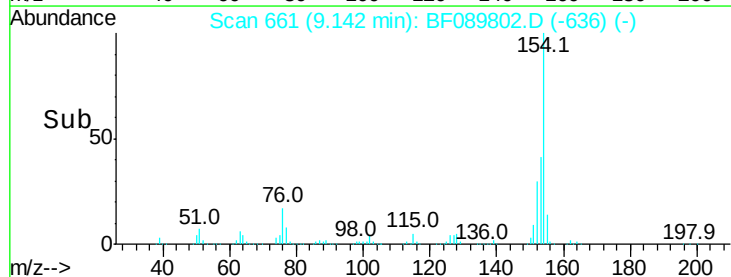
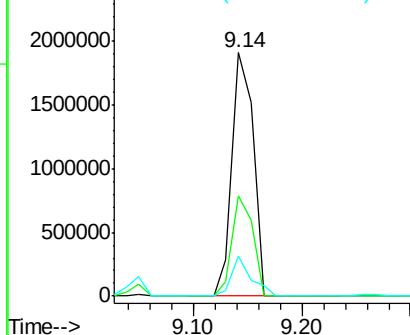


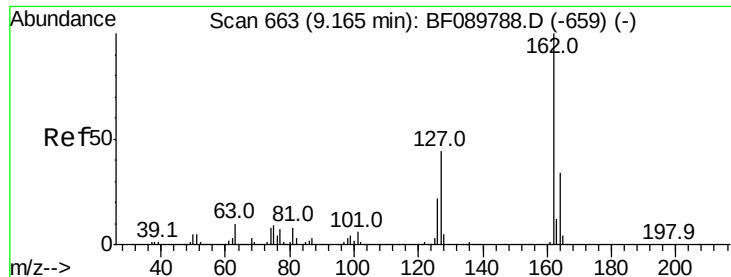
#45  
1,1'-Biphenyl  
Concen: 34.55 ng  
RT: 9.14 min Scan# 661  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Tgt Ion:154 Resp: 2556099  
Ion Ratio Lower Upper  
154 100  
153 41.2 21.5 61.5  
76 16.7 0.0 36.7



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



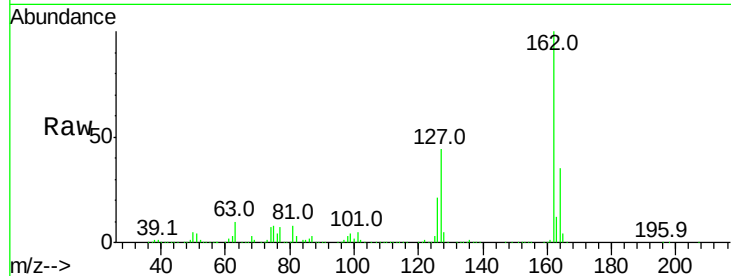


#46  
 2-Chloronaphthalene  
 Concen: 37.81 ng  
 RT: 9.16 min Scan# 663  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

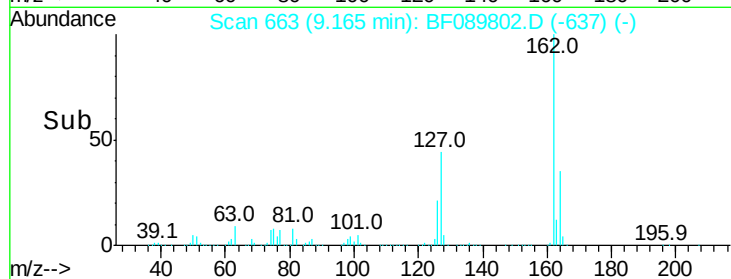
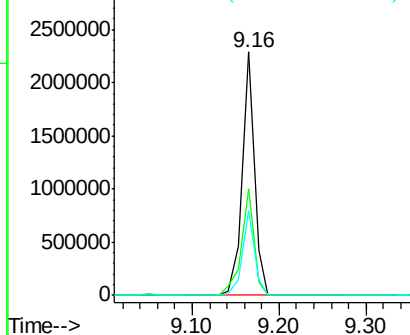
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.7  | 35.5  | 53.3  |
| 164     | 34.6  | 26.6  | 40.0  |

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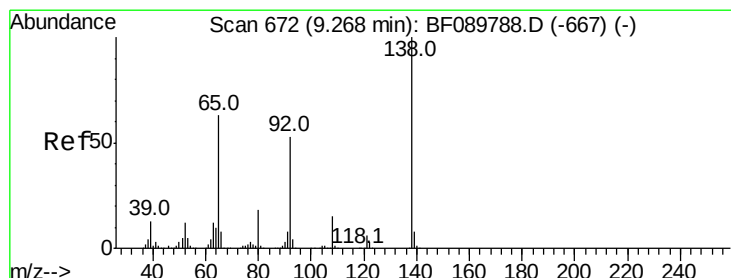


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E



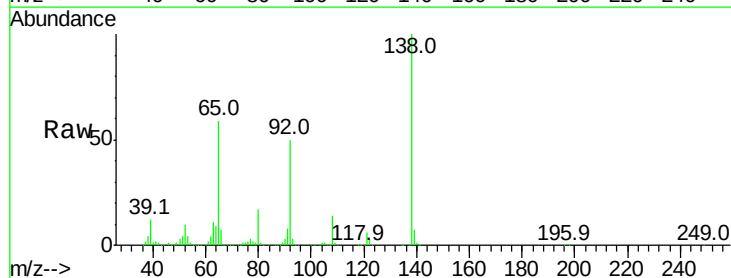
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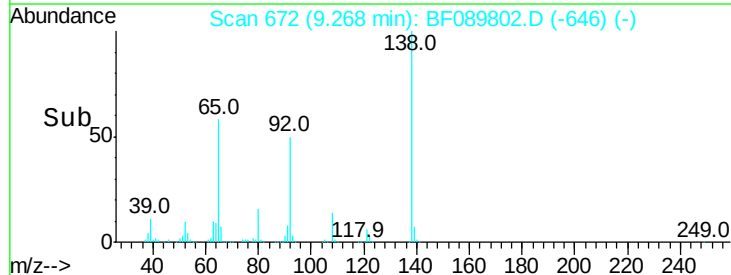
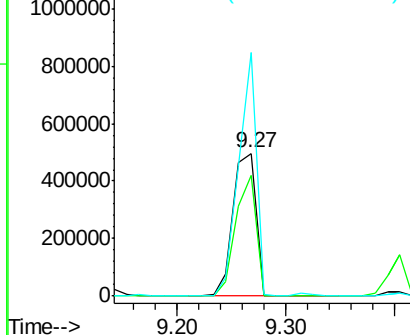


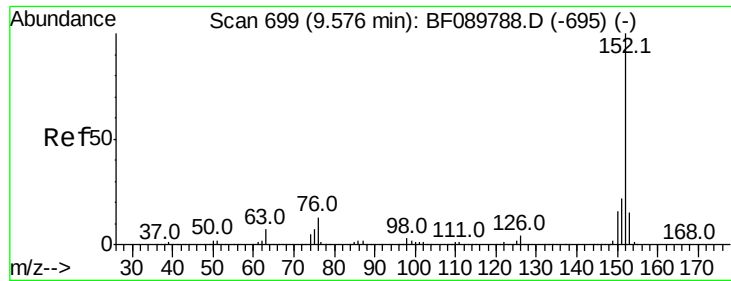
#47  
 2-Nitroaniline  
 Concen: 43.21 ng  
 RT: 9.27 min Scan# 672  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 85.0  | 56.3  | 84.5#  |
| 138     | 170.8 | 81.8  | 122.8# |



Abundance Ion 65.00 (64.70 to 65.70): BF0  
 Ion 92.00 (91.70 to 92.70): BF0  
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 39.48 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampleId :

PB93006BS

Tot Ion:152 Resp: 3468809

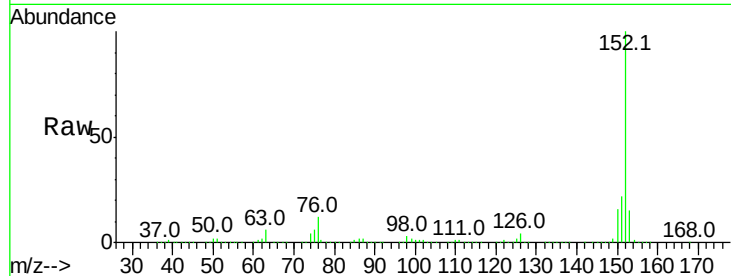
Ion Ratio Lower Upper

152 100

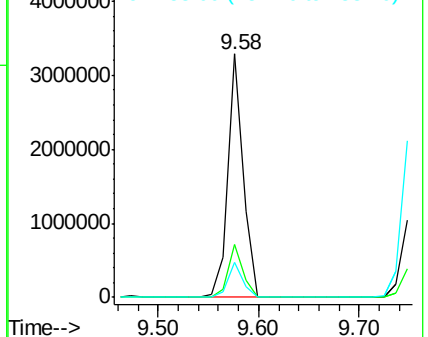
151 22.0 17.1 25.7

153 14.6 11.2 16.8

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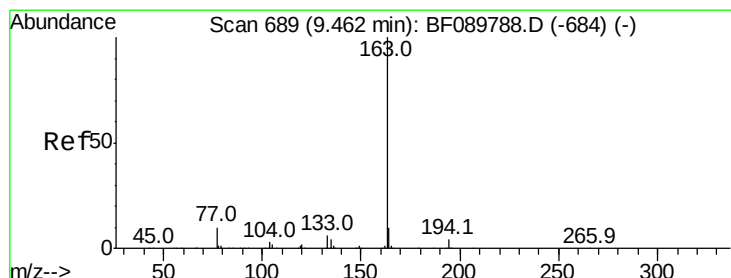
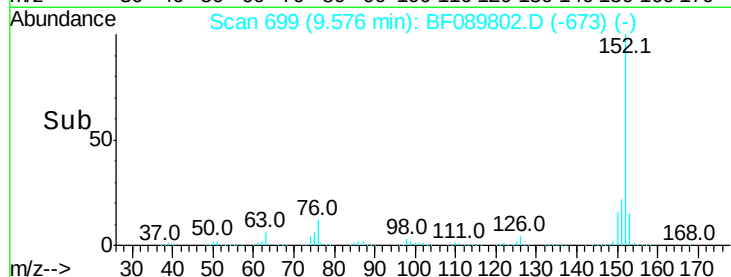


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 38.63 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

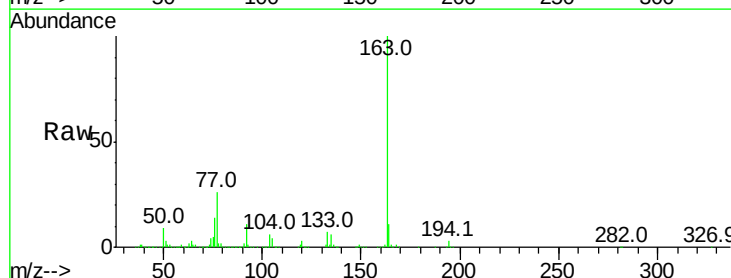
Tgt Ion:163 Resp: 2600213

Ion Ratio Lower Upper

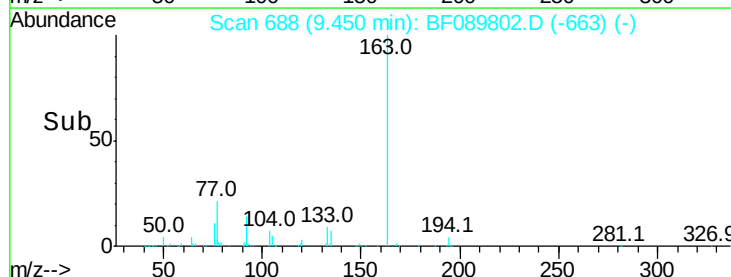
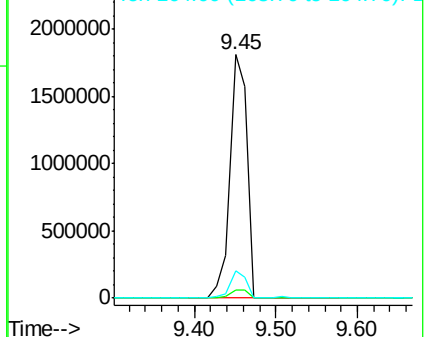
163 100

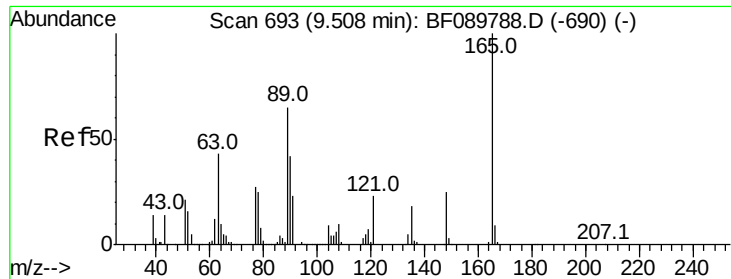
194 3.1 2.6 3.8

164 11.2 8.6 12.8



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





#50

2,6-Dinitrotoluene

Concen: 38.42 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

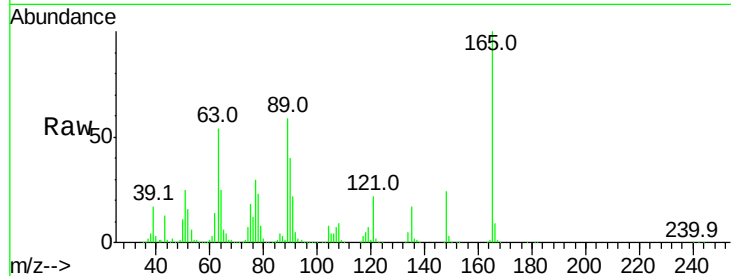
Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

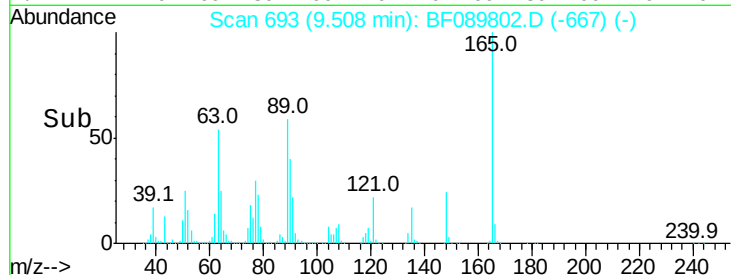
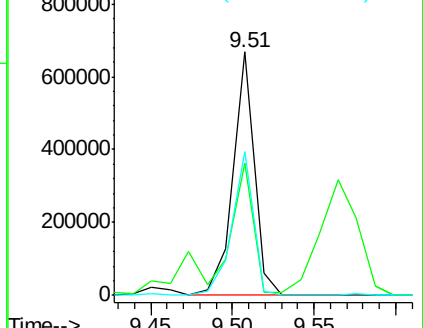
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 597000 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 54.4  | 41.7  | 62.5   |
| 89        | 59.0  | 44.6  | 67.0   |

Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

Manual Integrations  
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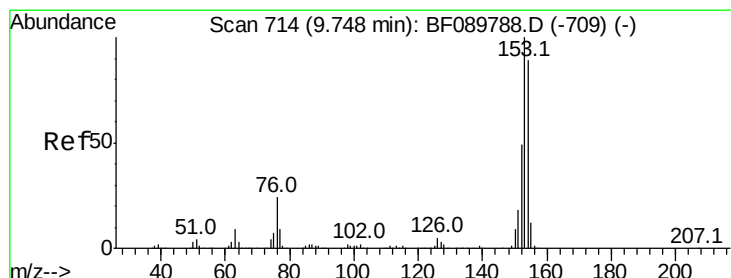


Abundance Ion 165.00 (164.70 to 165.70): E



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#51

Acenaphthene

Concen: 37.10 ng

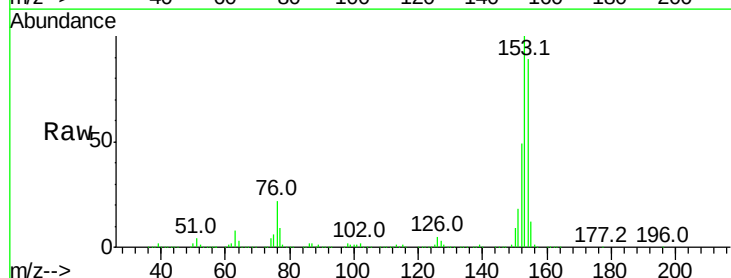
RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

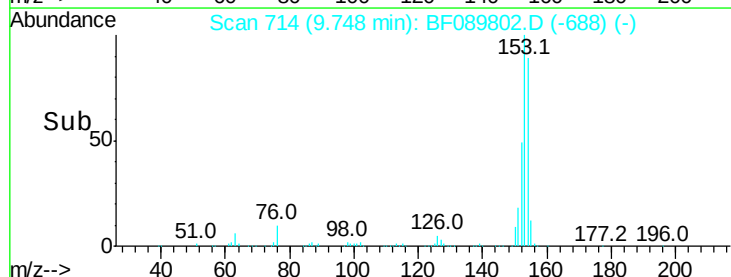
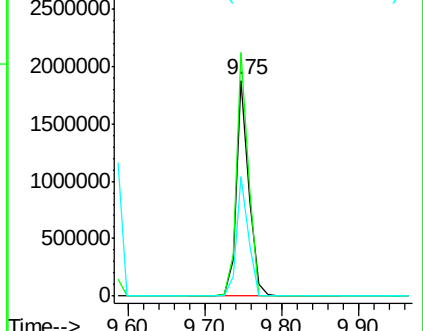
Lab File: BF089802.D

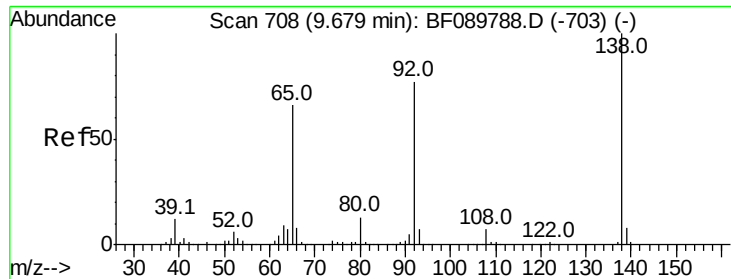
Acq: 19 Aug 2016 18:14

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 154   | Resp: | 2157639 |
| Ion Ratio | Lower | Upper |         |
| 154       | 100   |       |         |
| 153       | 112.8 | 90.5  | 135.7   |
| 152       | 55.4  | 44.6  | 67.0    |



Abundance Ion 154.00 (153.70 to 154.70): E



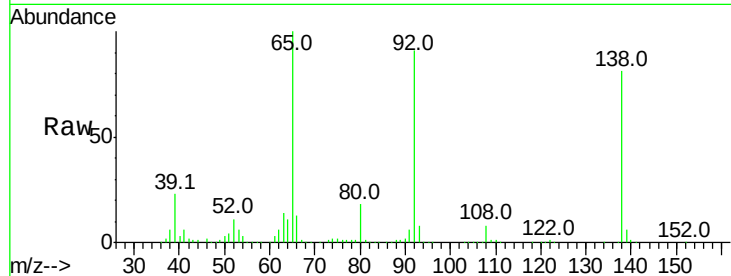


#52  
3-Nitroaniline  
Concen: 23.92 ng  
RT: 9.67 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

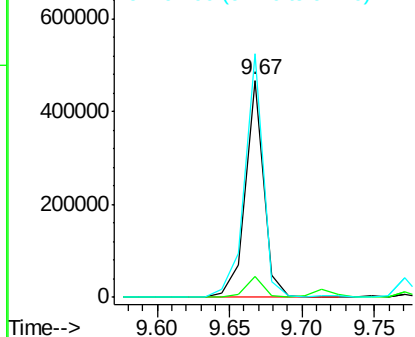
Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 8.1   | 12.1  |
| 92      | 112.3 | 92.7  | 139.1 |

Manual Integrations  
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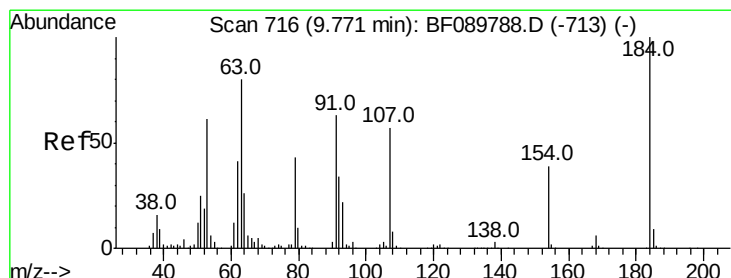
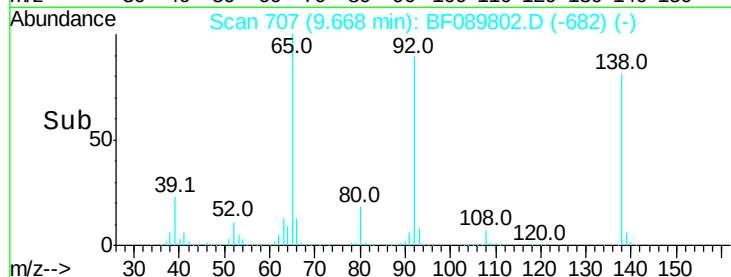


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0



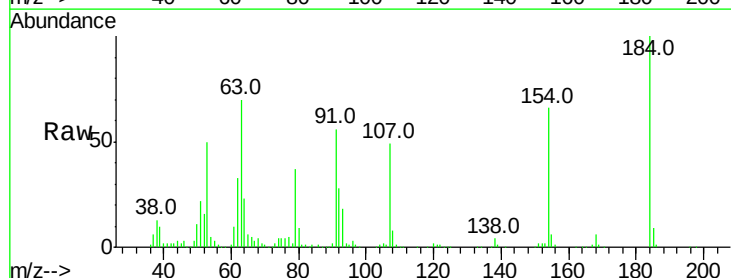
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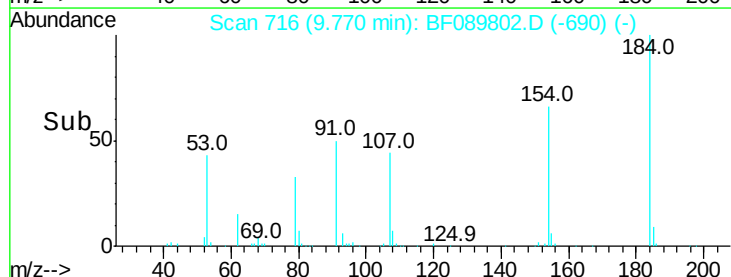
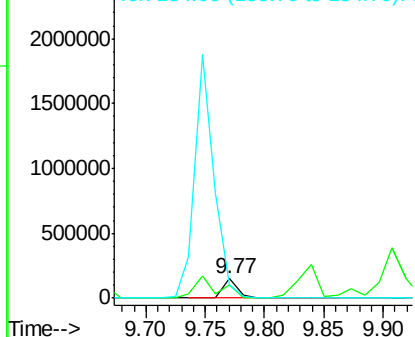


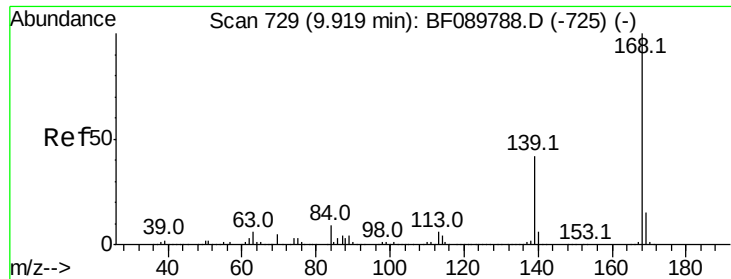
#53  
2,4-Dinitrophenol  
Concen: 21.27 ng  
RT: 9.77 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 69.7  | 54.2  | 81.4  |
| 154     | 66.2  | 52.7  | 79.1  |



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



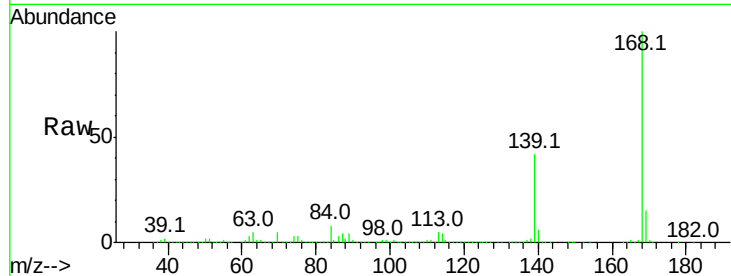


#54  
Dibenzenofuran  
Concen: 42.67 ng  
RT: 9.92 min Scan# 729  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

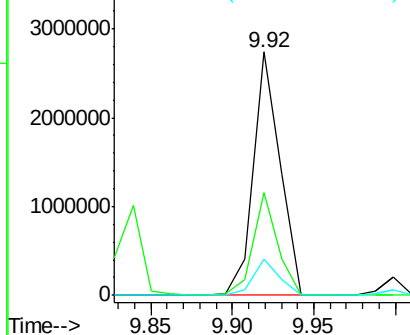
Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.3  | 34.6  | 52.0  |
| 169     | 14.8  | 11.5  | 17.3  |

Manual Integrations  
APPROVED

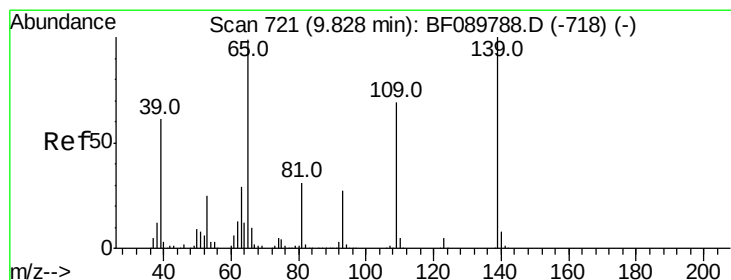
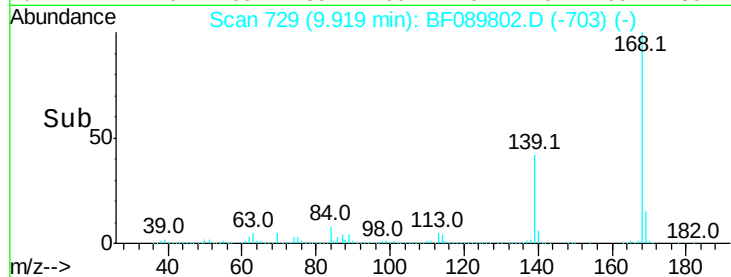


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E



sohil

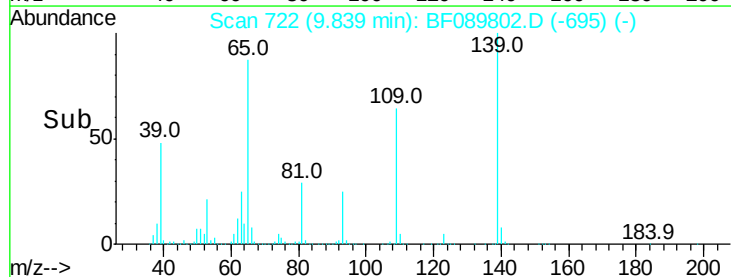
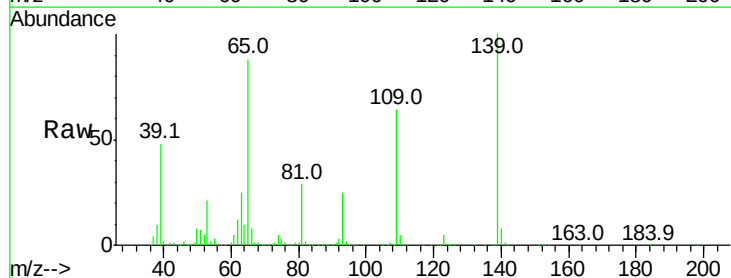
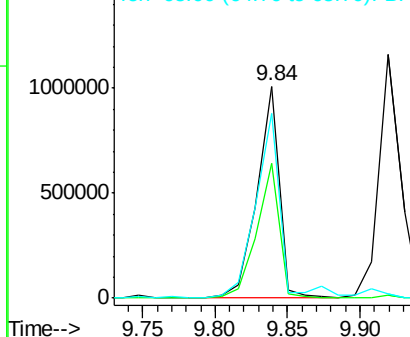
8/22/2016 3:47:50 PM

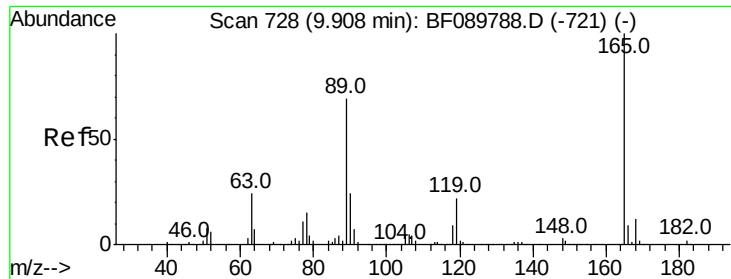


#55  
4-Nitrophenol  
Concen: 76.57 ng  
RT: 9.84 min Scan# 722  
Delta R.T. 0.01 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 63.9  | 43.0  | 83.0  |
| 65      | 87.5  | 55.7  | 95.7  |

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



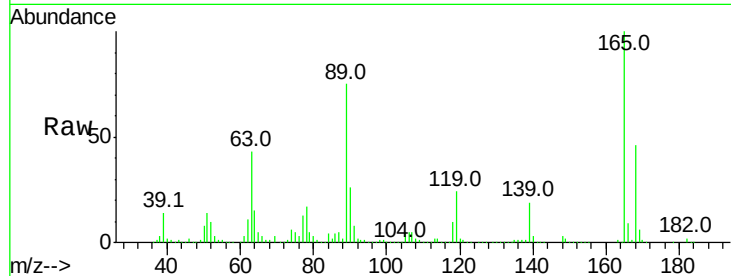


#56  
 2,4-Dinitrotoluene  
 Concen: 40.35 ng  
 RT: 9.91 min Scan# 728  
 Delta R.T. 0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

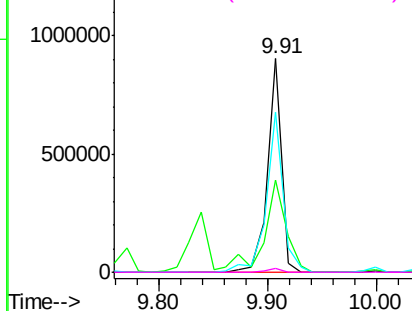
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93006BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 43.1  | 23.7 | 35.5# |       |
| 89      | 74.8  | 44.0 | 66.0# |       |
| 182     | 2.1   | 2.0  | 3.0   |       |

Manual Integrations  
 APPROVED

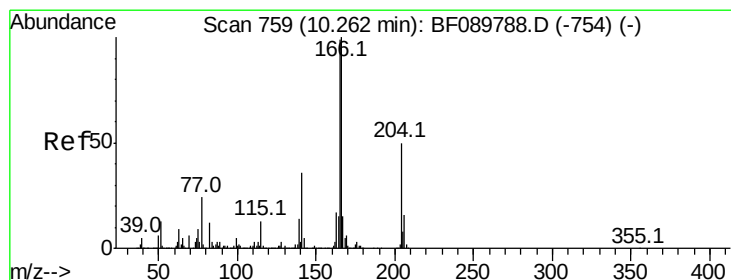
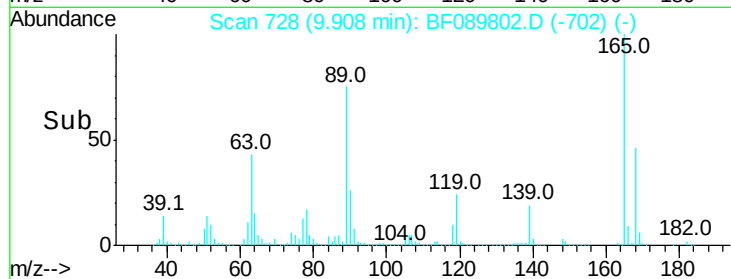


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 89.00 (88.70 to 89.70): BF0  
 Ion 182.00 (181.70 to 182.70): E



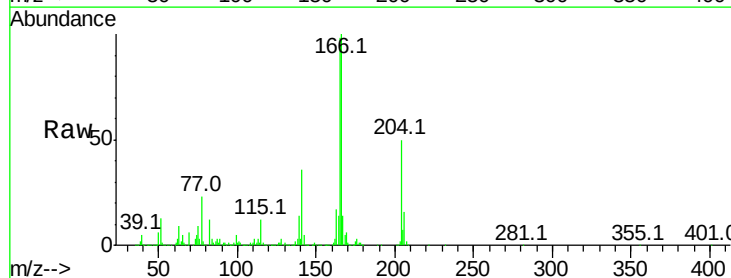
sohil

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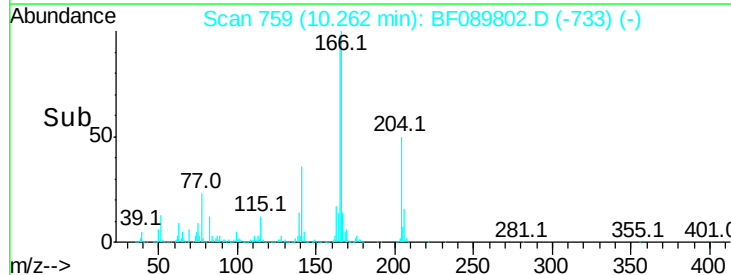
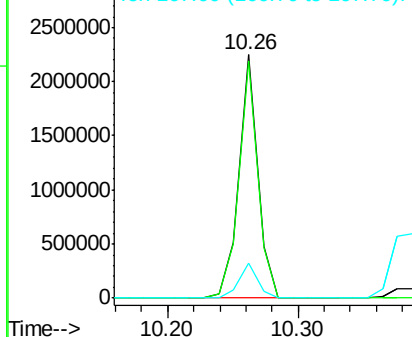


#57  
 Fluorene  
 Concen: 38.73 ng  
 RT: 10.26 min Scan# 759  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

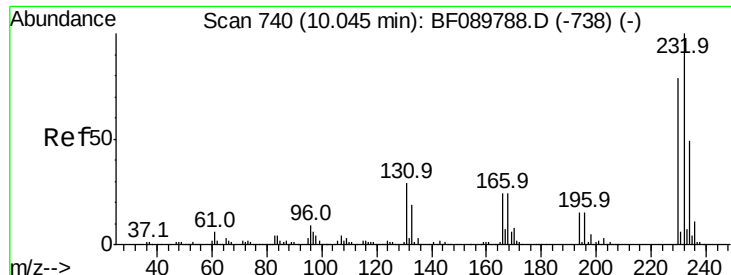
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 97.6  | 80.2 | 120.4 |       |
| 167     | 14.4  | 11.3 | 16.9  |       |



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





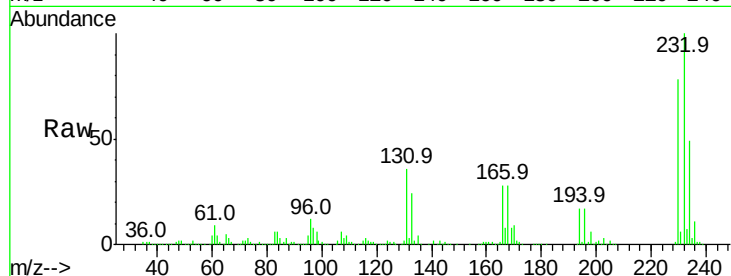


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.98 ng  
 RT: 10.04 min Scan# 740  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

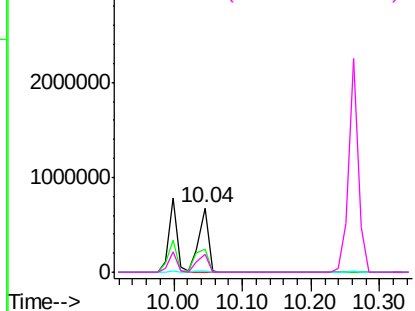
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.8  | 42.5  | 63.7  |
| 130     | 2.4   | 2.2   | 3.4   |
| 166     | 32.4  | 27.3  | 40.9  |

Manual Integrations  
 APPROVED

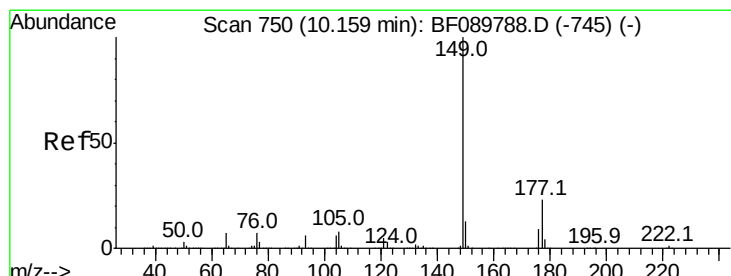
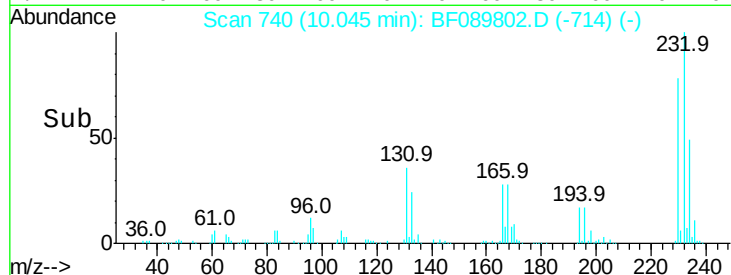


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E



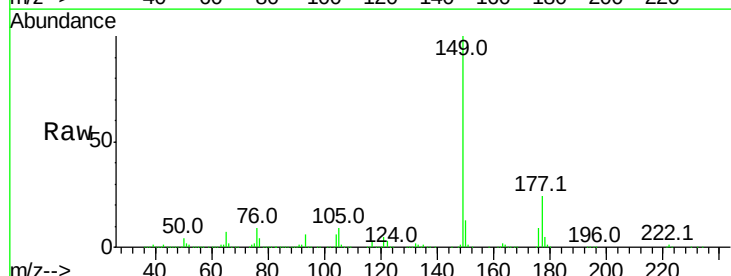
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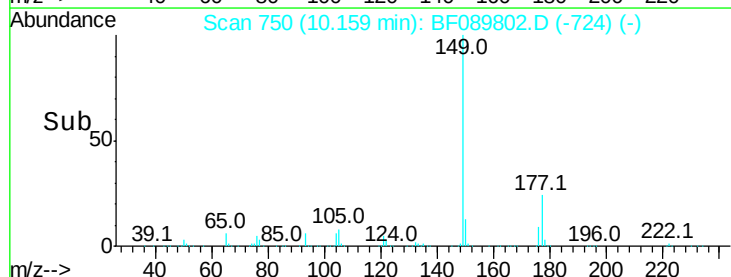
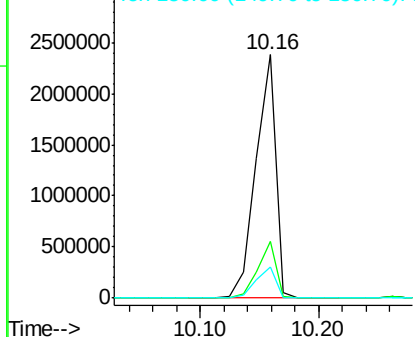


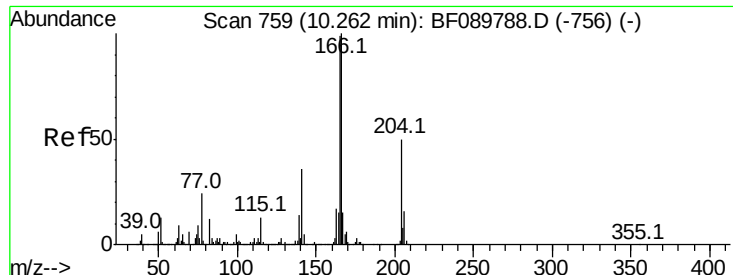
#59  
 Diethylphthalate  
 Concen: 40.97 ng  
 RT: 10.16 min Scan# 750  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.5  | 16.6  | 25.0  |
| 150     | 12.8  | 10.5  | 15.7  |



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: 38.52 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampleId :

PB93006BS

Tot Ion:204 Resp: 1022759

Ion Ratio Lower Upper

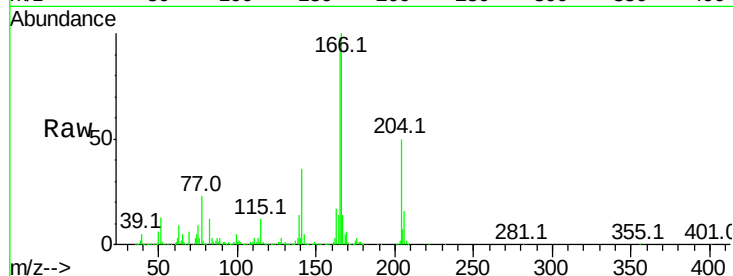
204 100

206 32.9 26.5 39.7

141 71.7 54.1 81.1

Manual Integrations

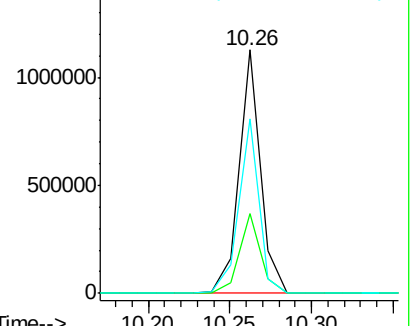
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Abundance Ion 204.00 (203.70 to 204.70): E

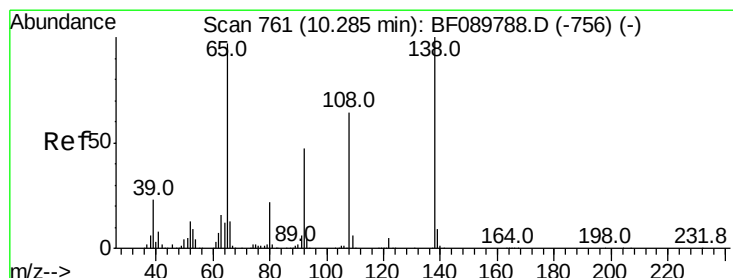
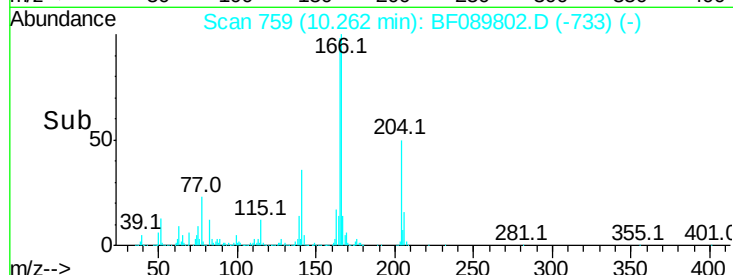
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



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#61

4-Nitroaniline

Concen: 45.37 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

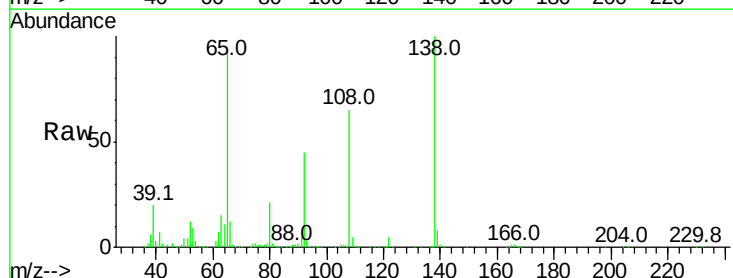
Tgt Ion:138 Resp: 732264

Ion Ratio Lower Upper

138 100

92 45.4 26.4 66.4

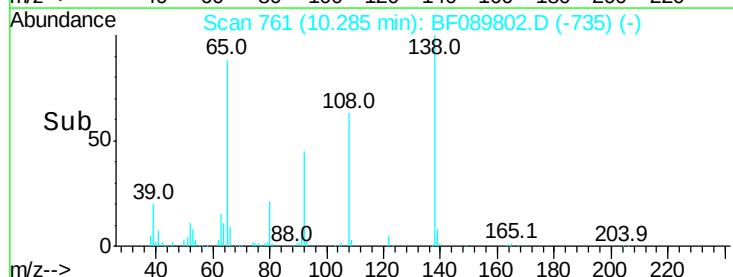
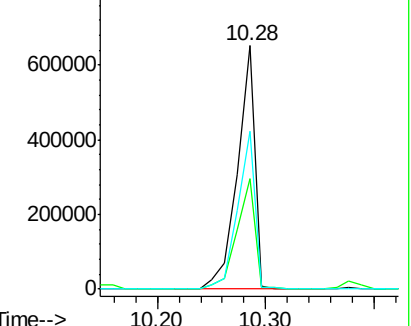
108 64.9 47.0 87.0

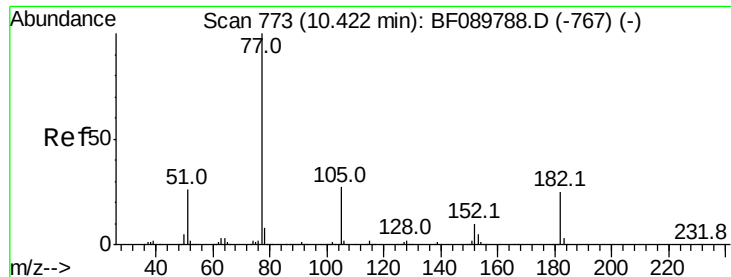


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 45.68 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampled :

PB93006BS

Tot Ion: 77 Resp: 2936326

Ion Ratio Lower Upper

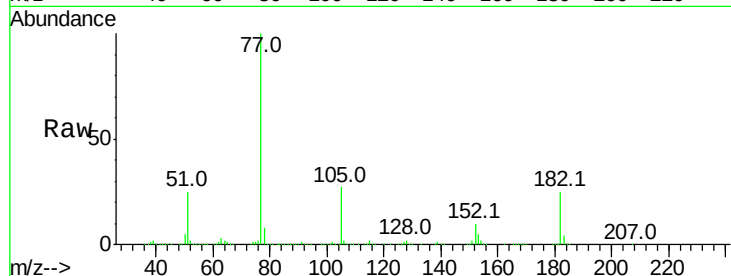
77 100

182 25.2 5.6 45.6

105 26.7 4.0 44.0

51 24.8 7.8 47.8

Manual Integrations  
APPROVED

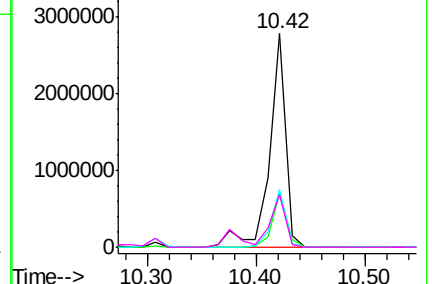
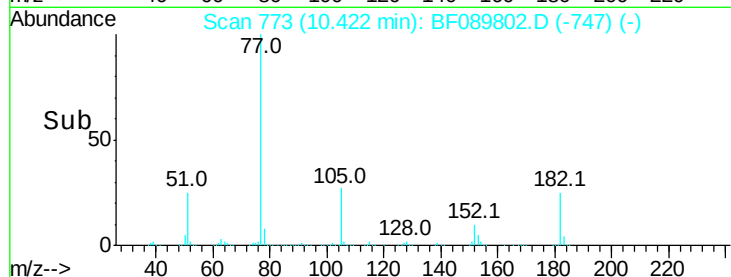


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

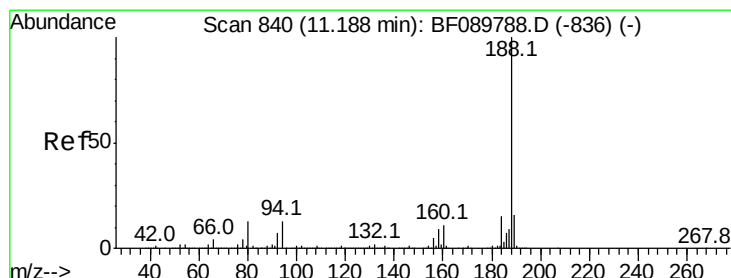
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

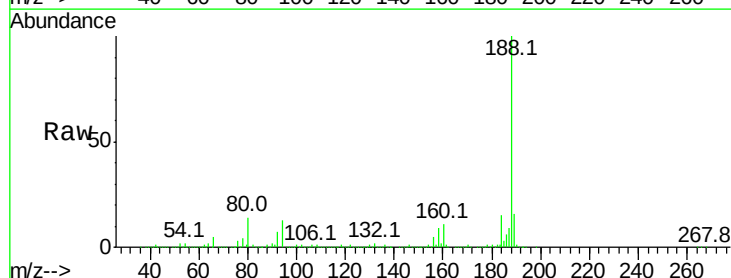
Tgt Ion: 188 Resp: 1764608

Ion Ratio Lower Upper

188 100

94 13.1 10.2 15.2

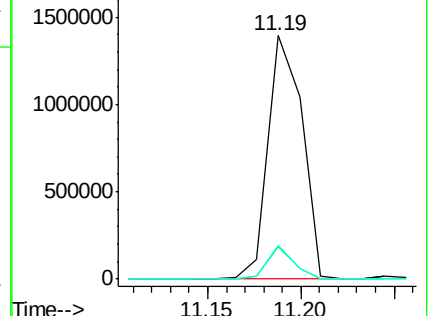
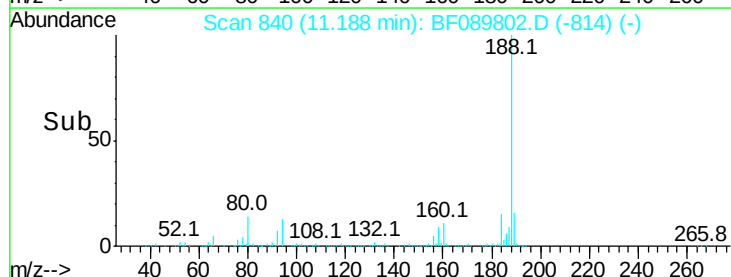
80 13.9 10.9 16.3

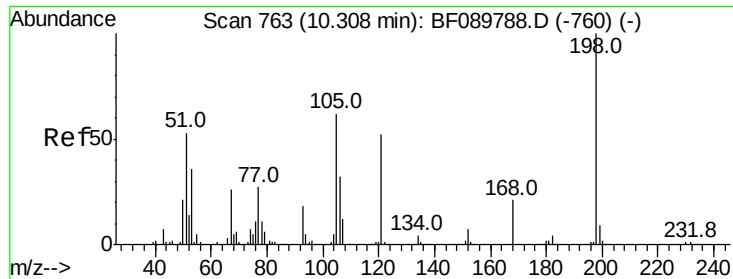


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



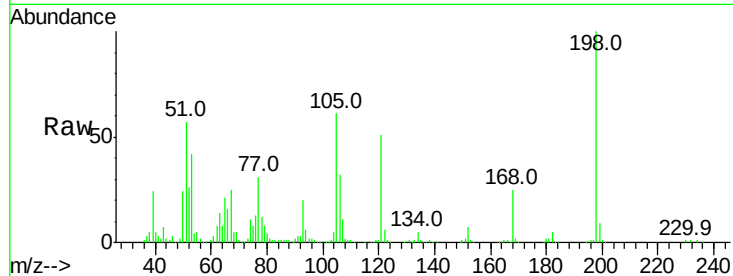


#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 17.20 ng  
 RT: 10.31 min Scan# 763  
 Delta R.T. 0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

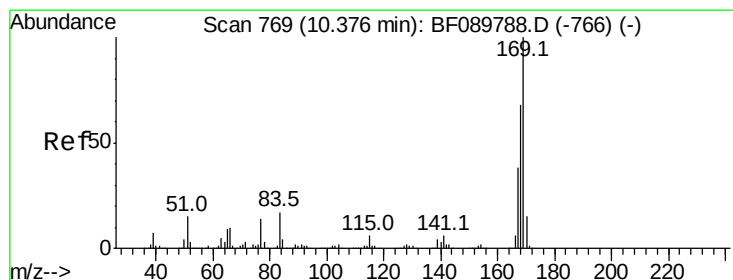
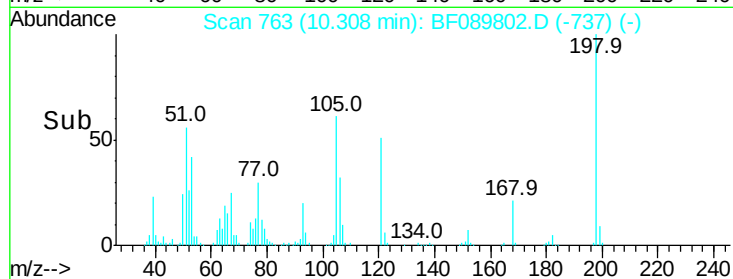
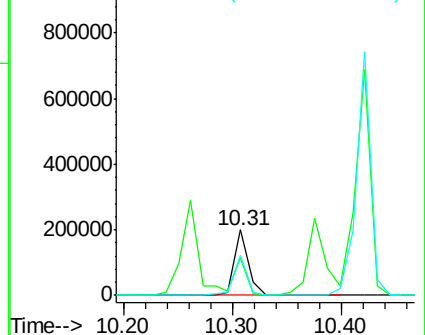
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93006BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 174455 |       |       |
| 51      | 56.9  | 32.3   | 72.3  |       |
| 105     | 60.6  | 32.9   | 72.9  |       |

Manual Integrations  
 APPROVED

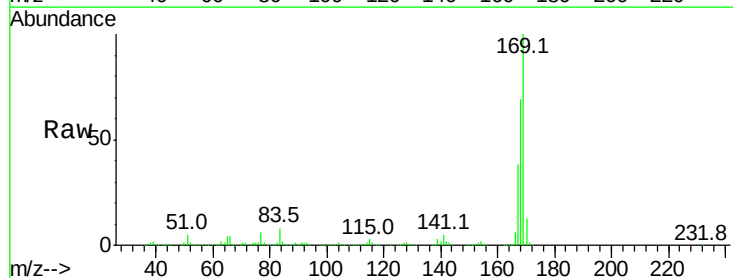


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF0  
 Ion 105.00 (104.70 to 105.70): E

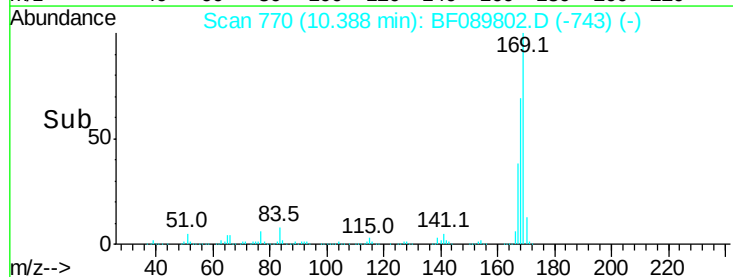
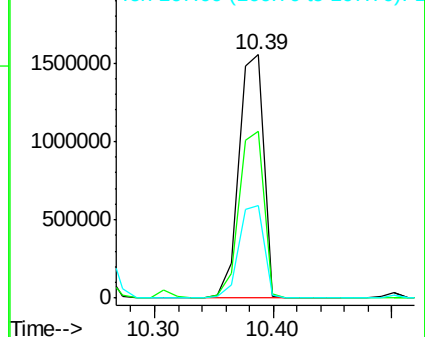


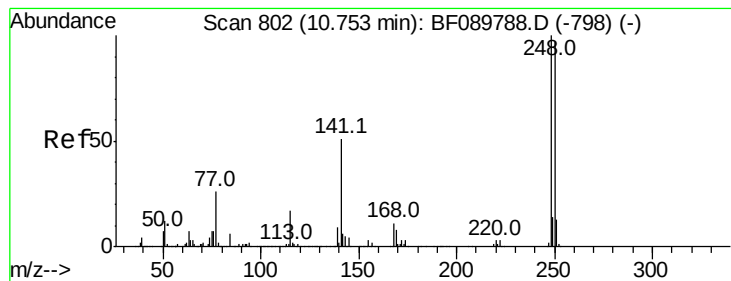
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.75 ng  
 RT: 10.39 min Scan# 770  
 Delta R.T. 0.01 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 2260937 |       |       |
| 168     | 68.7  | 54.6    | 82.0  |       |
| 167     | 37.9  | 30.6    | 45.8  |       |



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



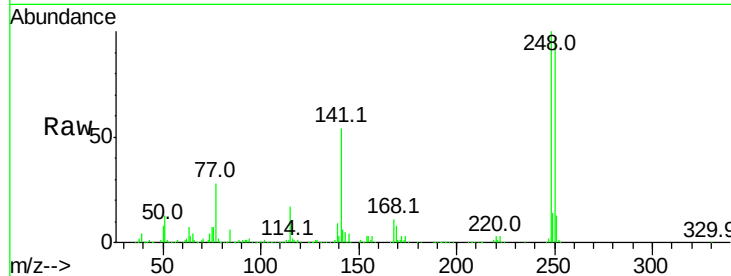


#66  
4-Bromophenyl-phenylether  
Concen: 40.55 ng  
RT: 10.75 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

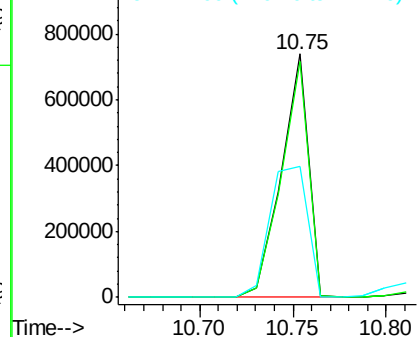
Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.1  | 78.6  | 117.8 |
| 141     | 53.6  | 31.4  | 47.2# |

Manual Integrations  
APPROVED

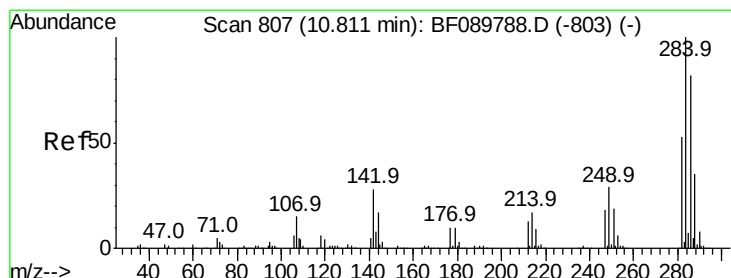
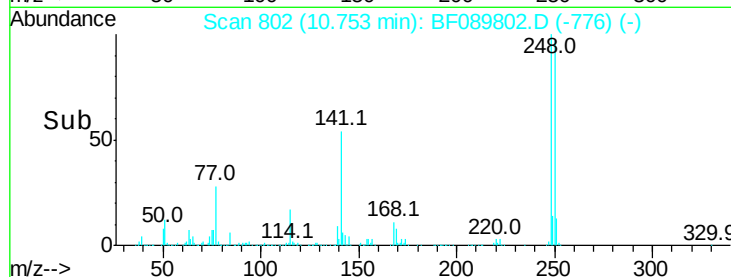


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E



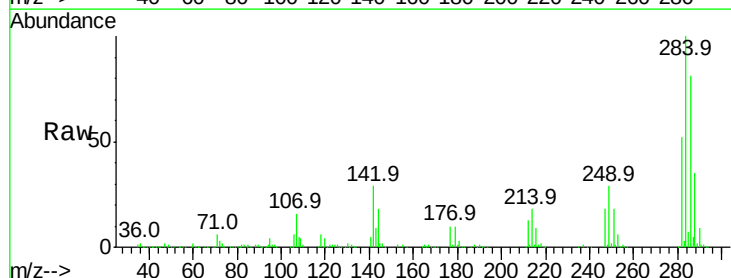
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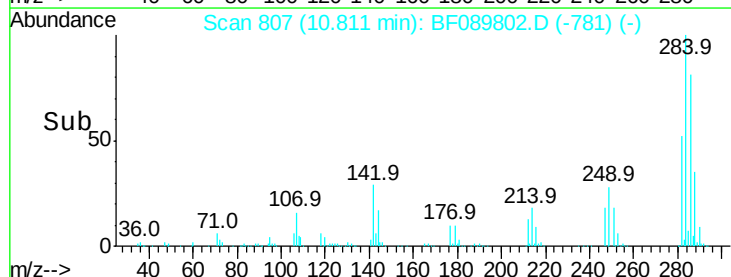
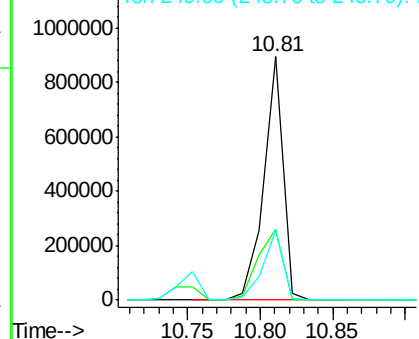


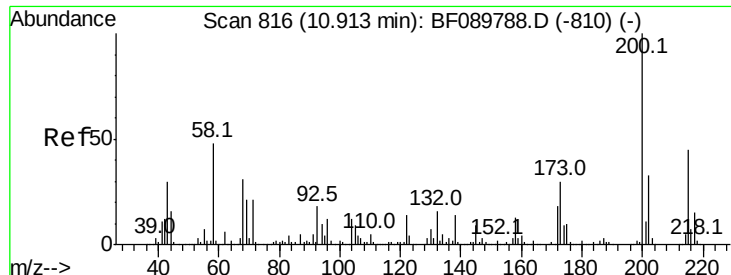
#67  
Hexachlorobenzene  
Concen: 38.97 ng  
RT: 10.81 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.1  | 17.4  | 26.2# |
| 249     | 28.8  | 22.8  | 34.2  |



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



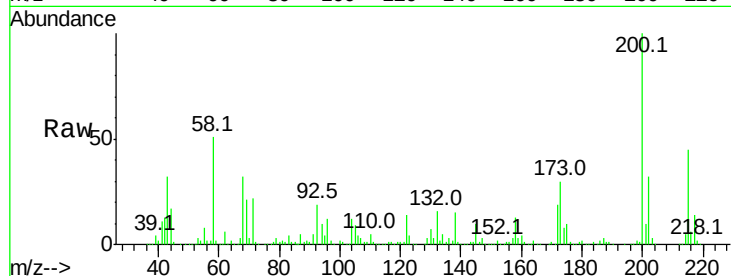


#68  
Atrazine  
Concen: 39.26 ng  
RT: 10.91 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

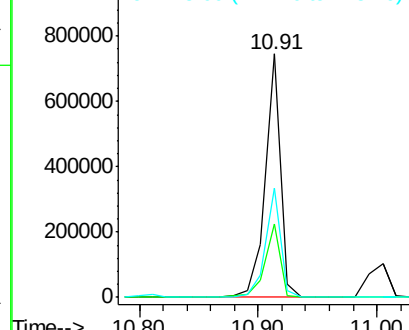
Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 30.1  | 6.6        | 46.6  |
| 215     | 44.7  | 24.7       | 64.7  |

Manual Integrations  
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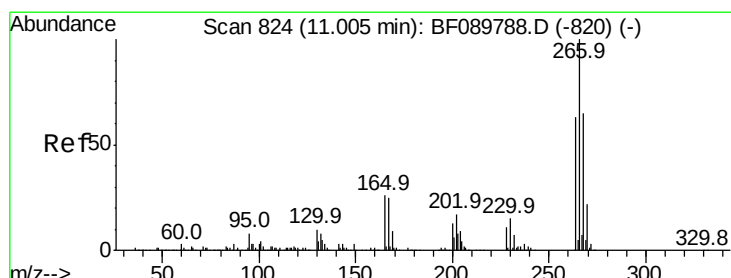
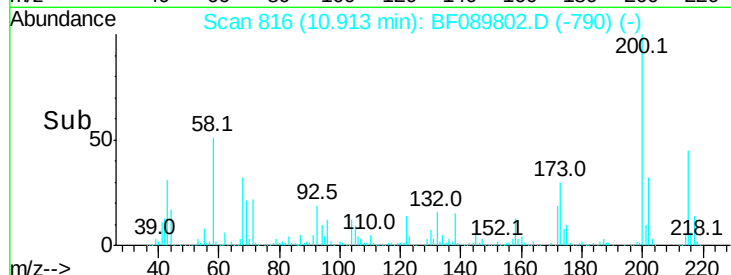


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E



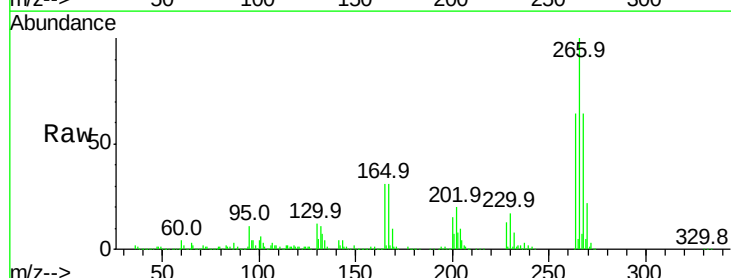
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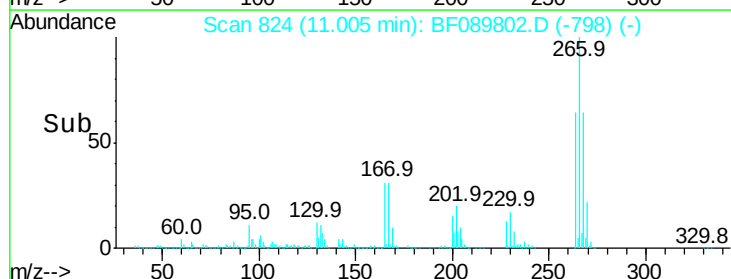
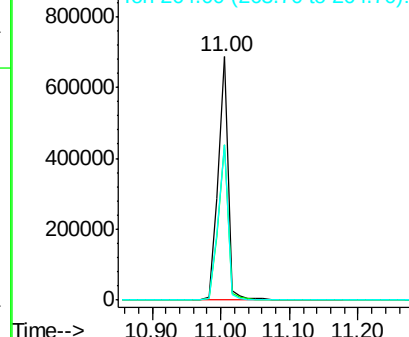


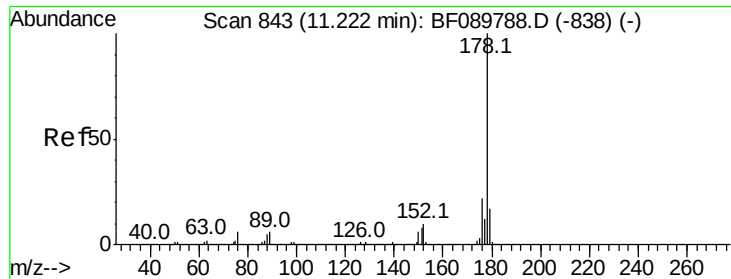
#69  
Pentachlorophenol  
Concen: 59.95 ng  
RT: 11.00 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.8  | 53.2       | 79.8  |
| 264     | 63.9  | 51.1       | 76.7  |



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



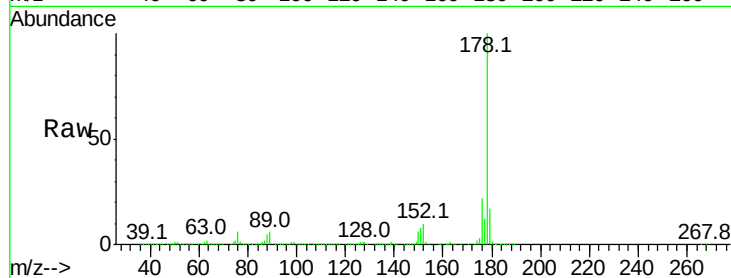


#70  
Phenanthrene  
Concen: 43.06 ng  
RT: 11.22 min Scan# 843  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

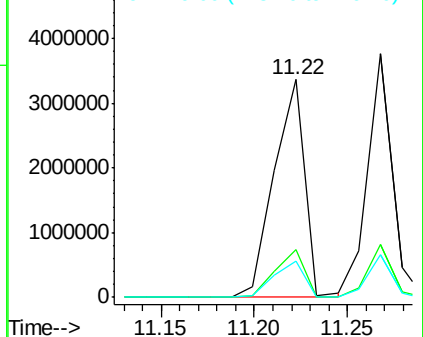
Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

Tot Ion:178 Resp: 3837599  
Ion Ratio Lower Upper  
178 100  
176 21.9 16.4 24.6  
179 16.7 12.5 18.7

Manual Integrations  
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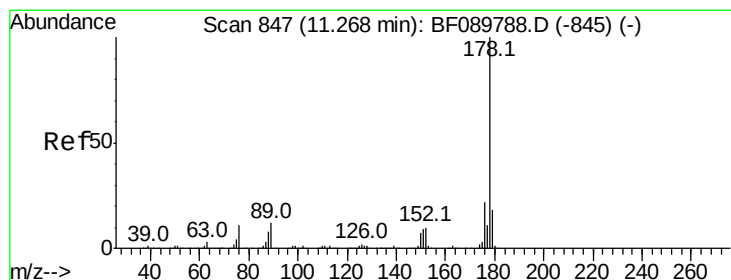
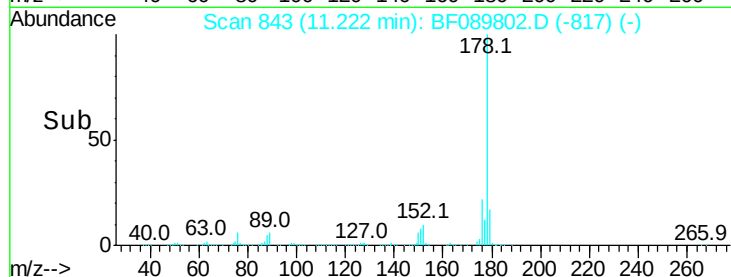


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



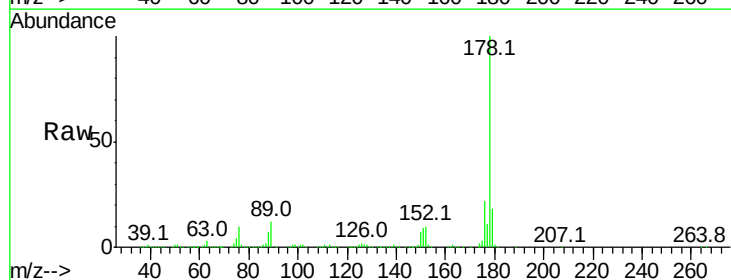
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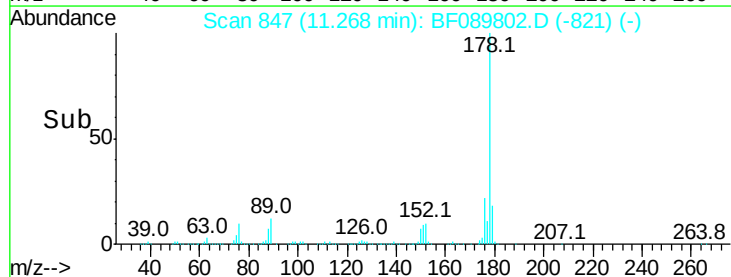
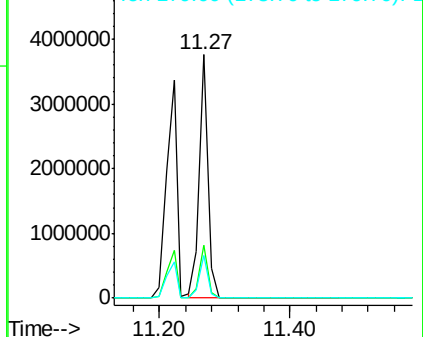


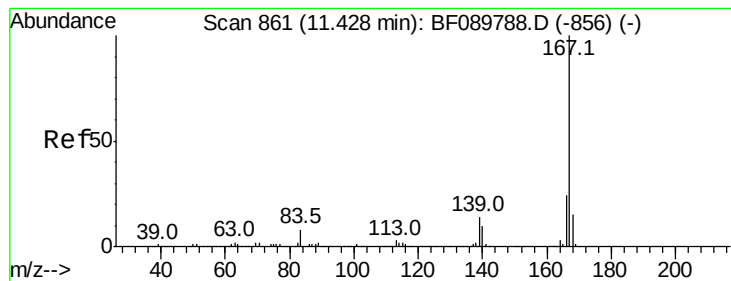
#71  
Anthracene  
Concen: 37.79 ng  
RT: 11.27 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Tgt Ion:178 Resp: 3423348  
Ion Ratio Lower Upper  
178 100  
176 21.5 16.4 24.6  
179 17.6 13.1 19.7



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





#72

Carbazole

Concen: 45.58 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampled :

PB93006BS

Tot Ion:167 Resp: 3703840

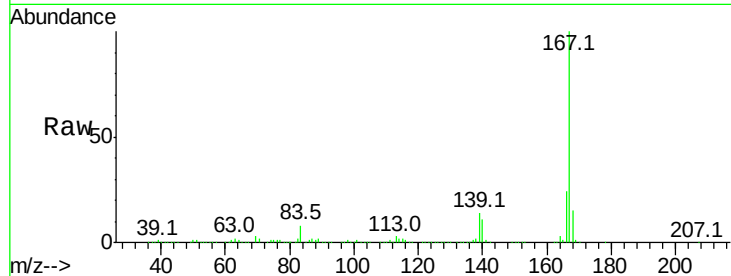
Ion Ratio Lower Upper

167 100

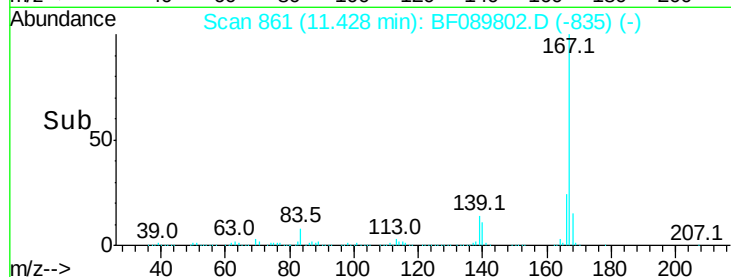
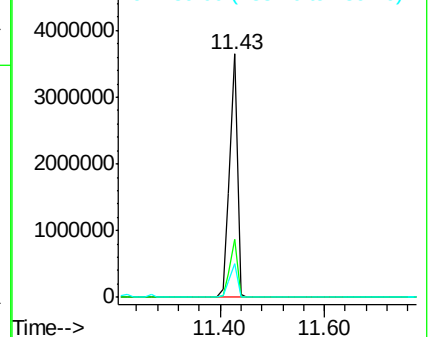
166 23.9 17.9 26.9

139 14.1 12.4 18.6

Manual Integrations  
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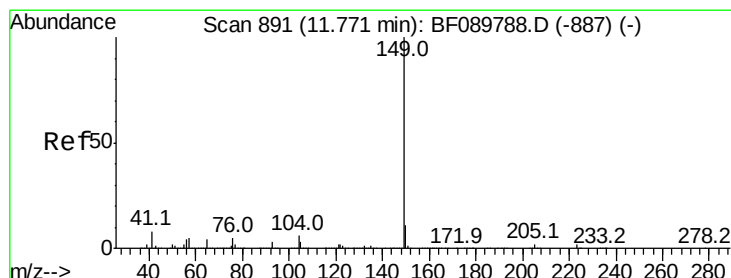


Abundance Ion 167.00 (166.70 to 167.70): E  
5000000  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 39.95 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

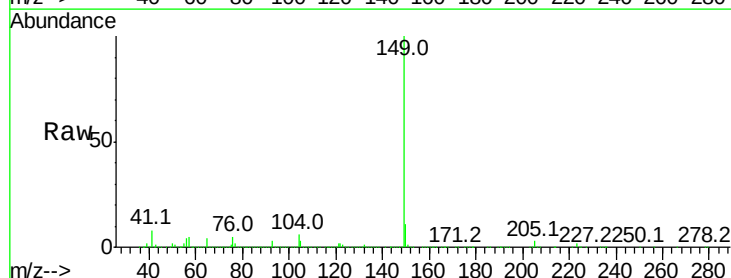
Tgt Ion:149 Resp: 4061222

Ion Ratio Lower Upper

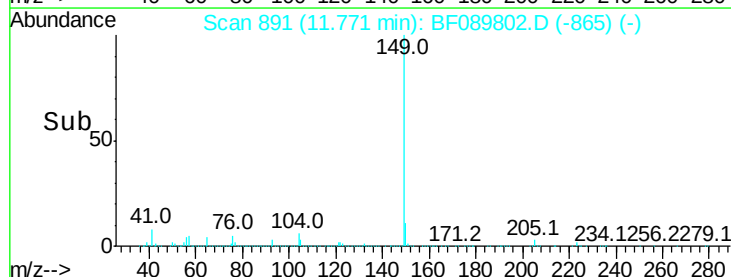
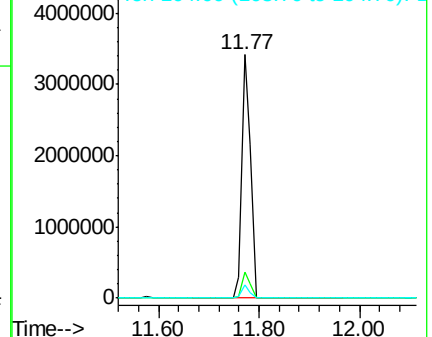
149 100

150 10.5 7.9 11.9

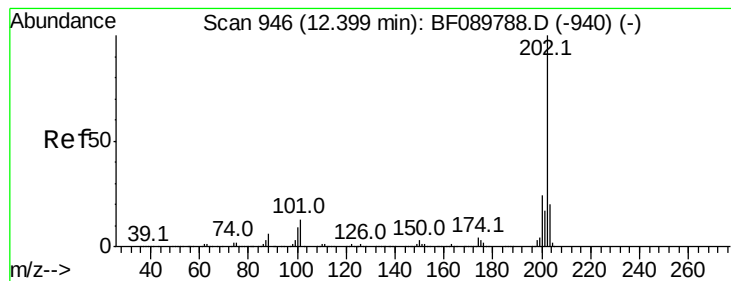
104 5.5 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E  
4000000  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





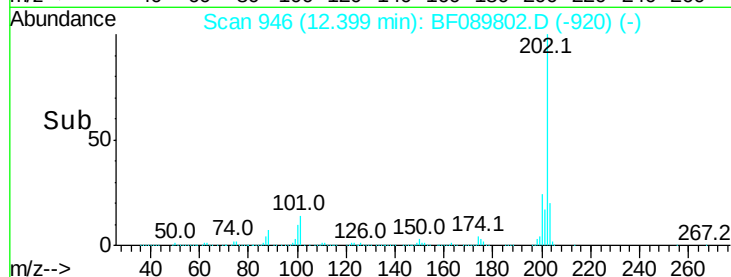
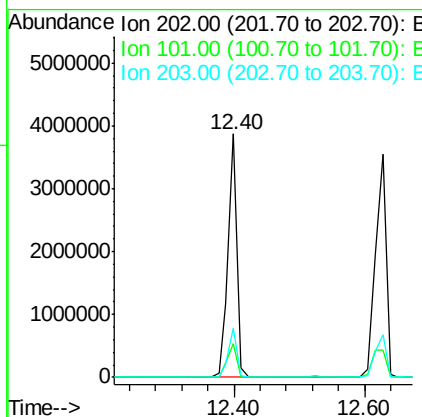
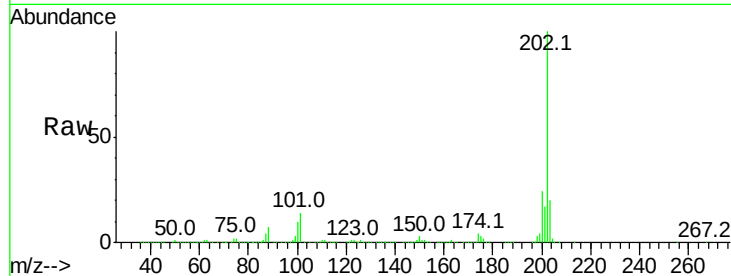


#74  
 Fluoranthene  
 Concen: 42.76 ng  
 RT: 12.40 min Scan# 946  
 Delta R.T. -0.00 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB93006BS

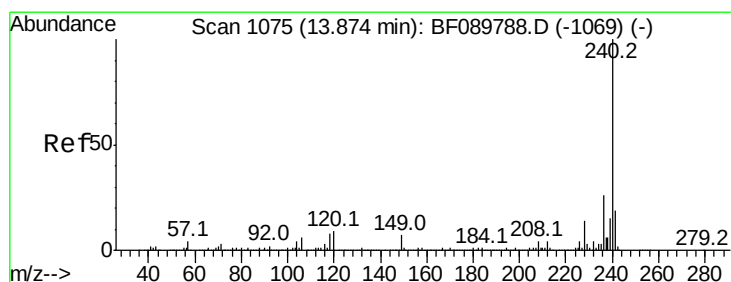
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.0  | 0.0   | 31.2  |
| 203     | 20.0  | 0.0   | 38.1  |

Manual Integrations  
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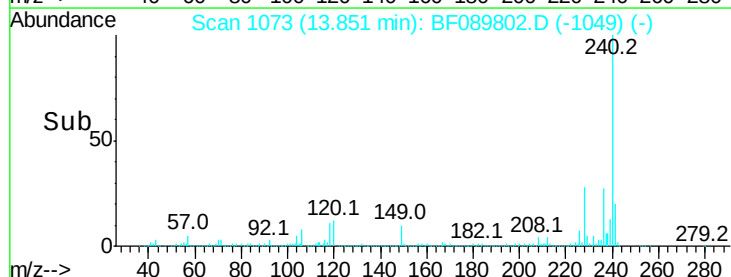
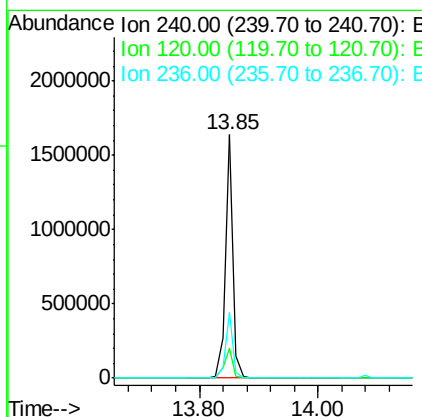
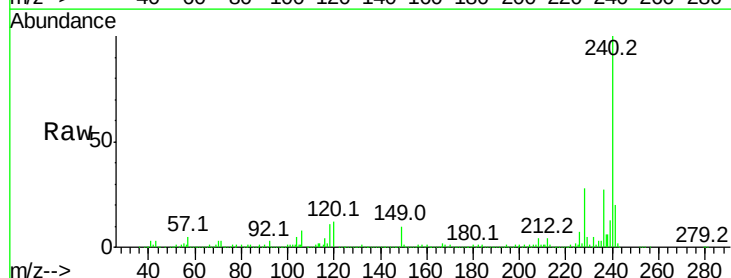
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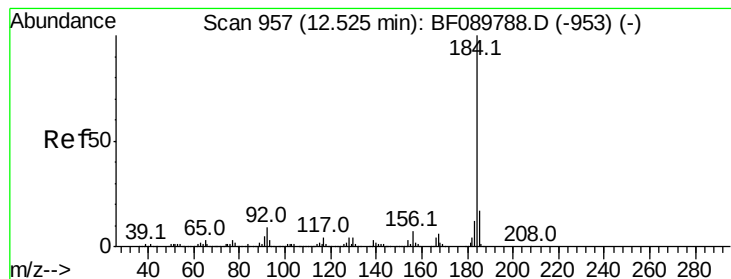
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#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.85 min Scan# 1073  
 Delta R.T. -0.02 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.4  | 8.3   | 12.5  |
| 236     | 27.2  | 21.3  | 31.9  |



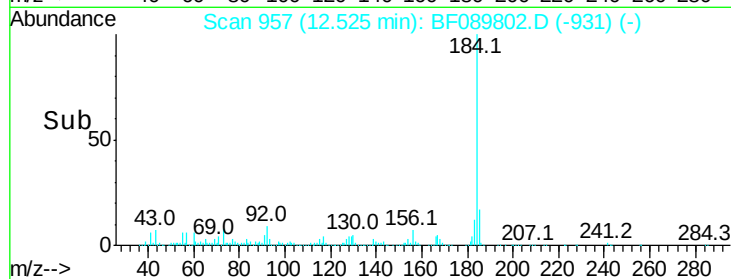
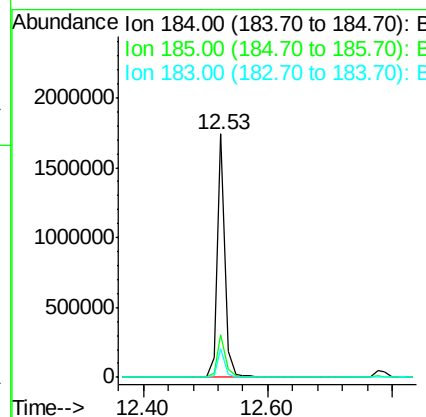
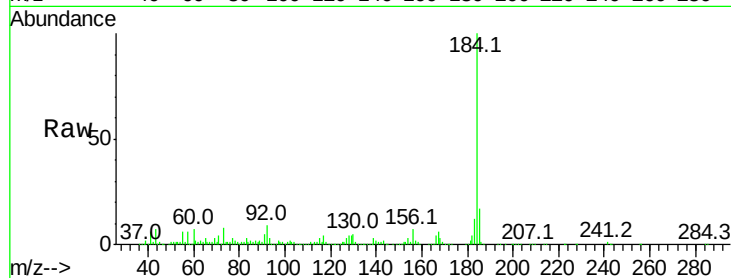


#76  
Benzidine  
Concen: 31.40 ng  
RT: 12.53 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

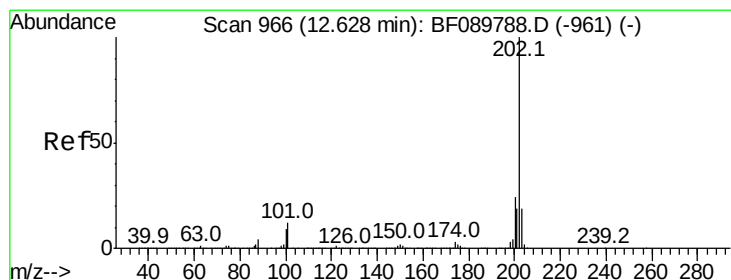
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 17.4  | 13.8  | 20.8  |
| 183     | 11.5  | 9.7   | 14.5  |

Manual Integrations  
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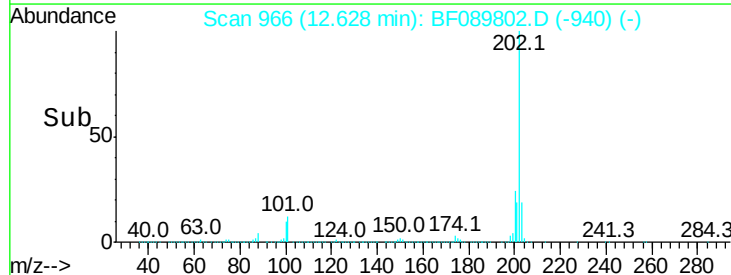
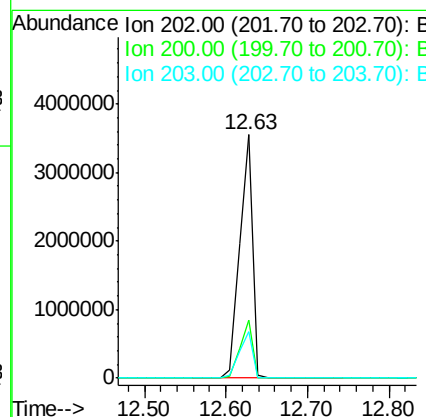
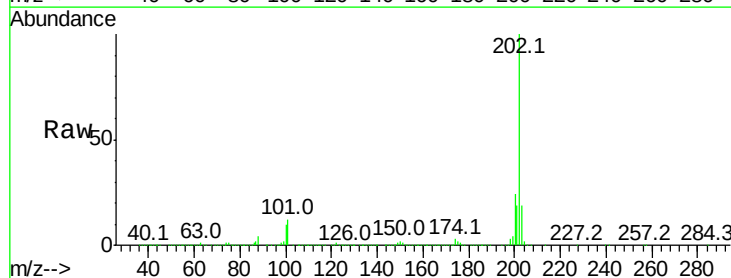
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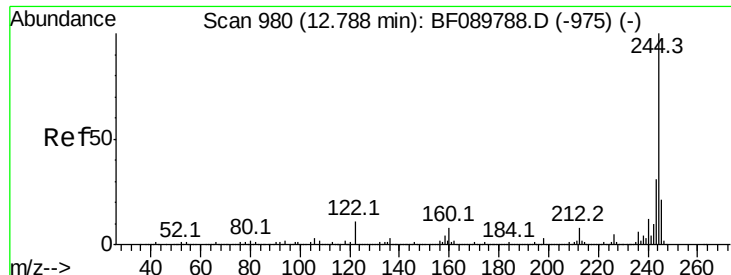
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#77  
Pyrene  
Concen: 33.33 ng  
RT: 12.63 min Scan# 966  
Delta R.T. -0.00 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.8  | 17.8  | 26.6  |
| 203     | 18.9  | 14.2  | 21.4  |





#78

Terphenyl-d14

Concen: 64.69 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

Instrument :

BNA\_F

ClientSampled :

PB93006BS

Tot Ion:244 Resp: 4131446

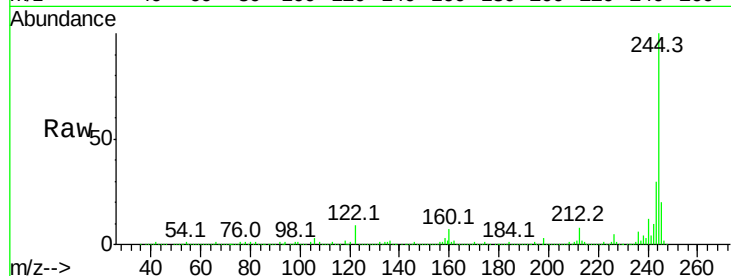
Ion Ratio Lower Upper

244 100

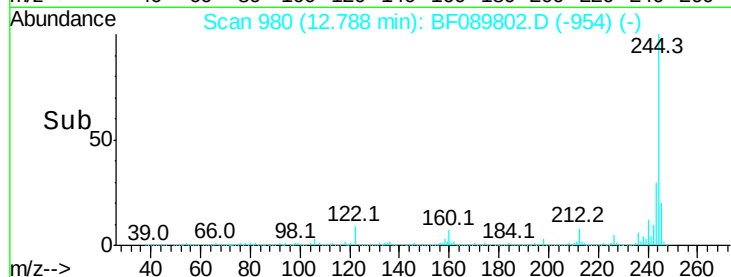
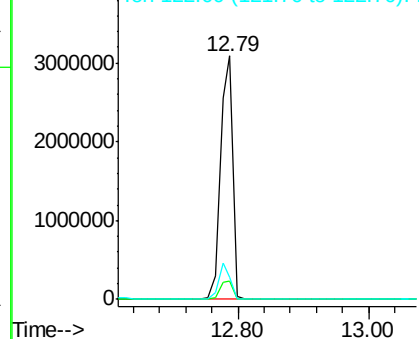
212 7.8 6.3 9.5

122 9.2 12.0 18.0#

Manual Integrations  
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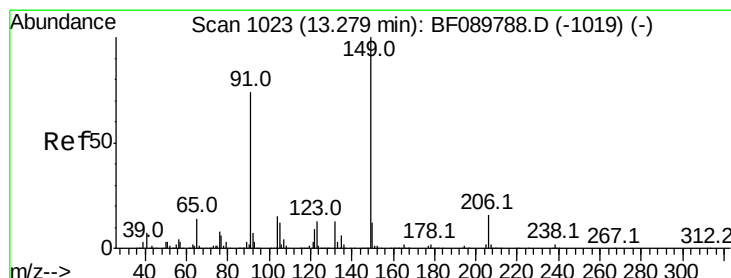


Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 34.22 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089802.D

Acq: 19 Aug 2016 18:14

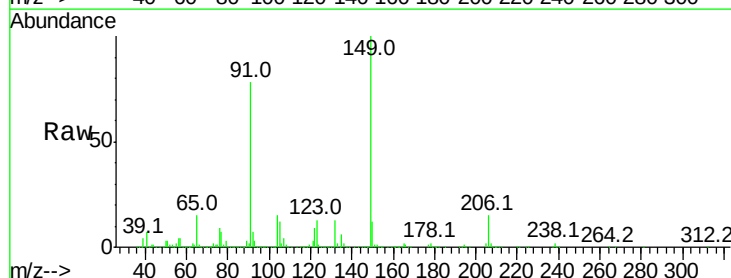
Tgt Ion:149 Resp: 1818426

Ion Ratio Lower Upper

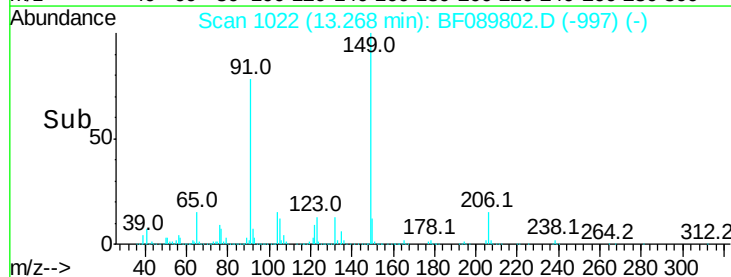
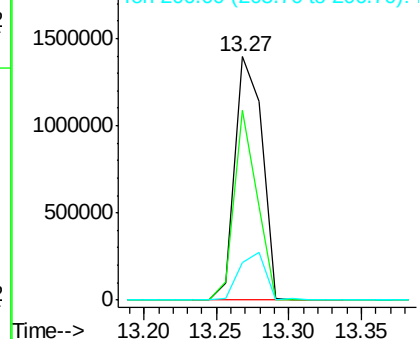
149 100

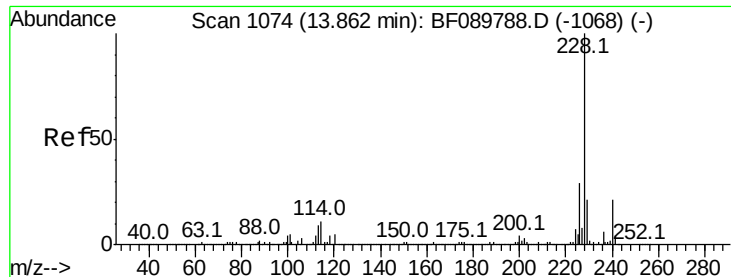
91 78.1 50.7 76.1#

206 15.4 15.5 23.3#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF0  
Ion 206.00 (205.70 to 206.70): E



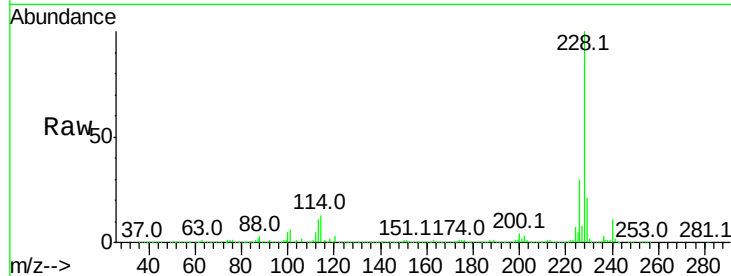


#80  
Benzo(a)anthracene  
Concen: 38.70 ng  
RT: 13.84 min Scan# 1072  
Delta R.T. -0.02 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

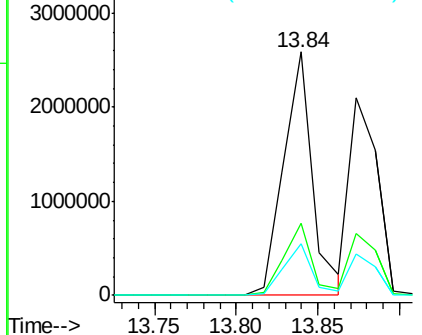
Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 23.2  | 34.8  |
| 229     | 21.0  | 16.2  | 24.4  |

Manual Integrations  
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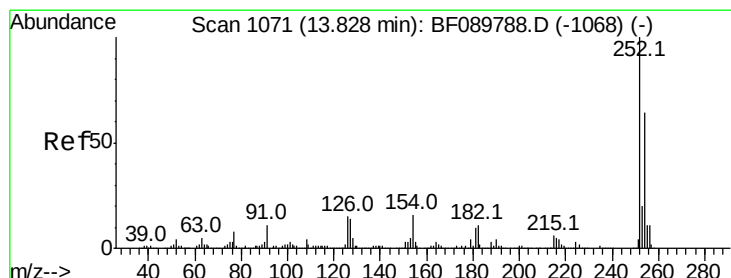
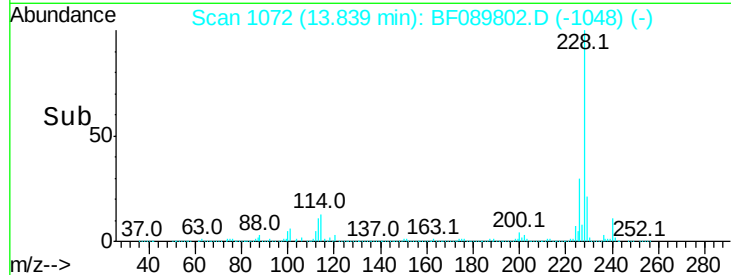


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



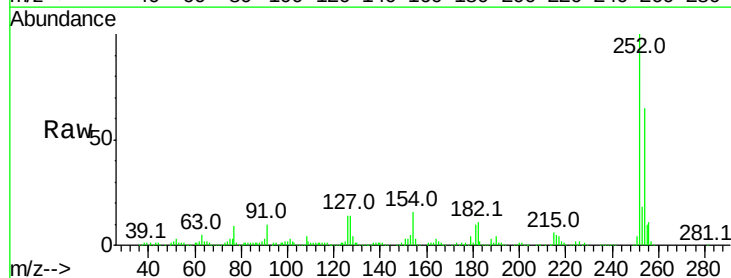
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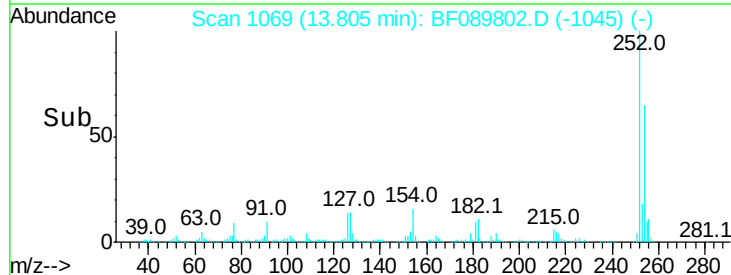
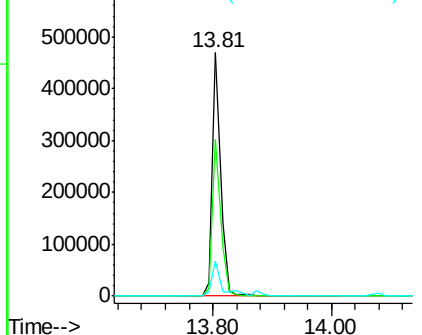


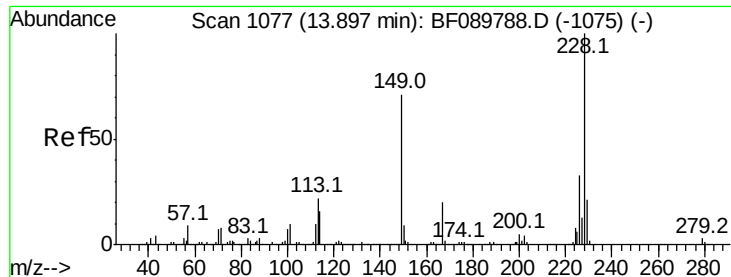
#81  
3,3'-Dichlorobenzidine  
Concen: 16.79 ng  
RT: 13.81 min Scan# 1069  
Delta R.T. -0.02 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 50.6  | 75.8  |
| 126     | 14.5  | 12.6  | 18.8  |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



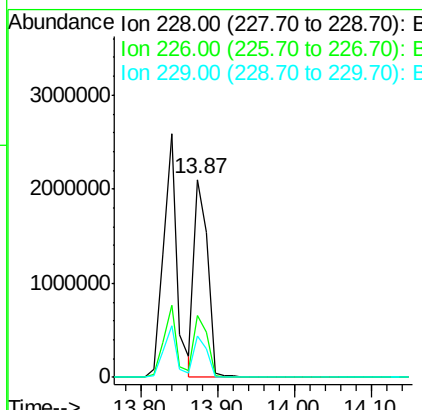
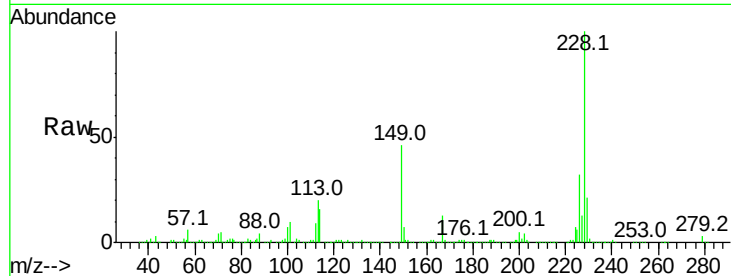


#82  
 Chrysene  
 Concen: 36.18 ng  
 RT: 13.87 min Scan# 1075  
 Delta R.T. -0.02 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB93006BS

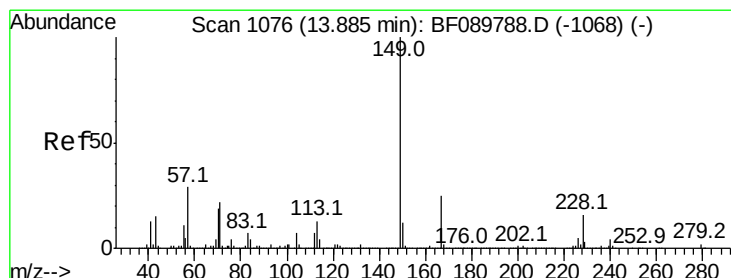
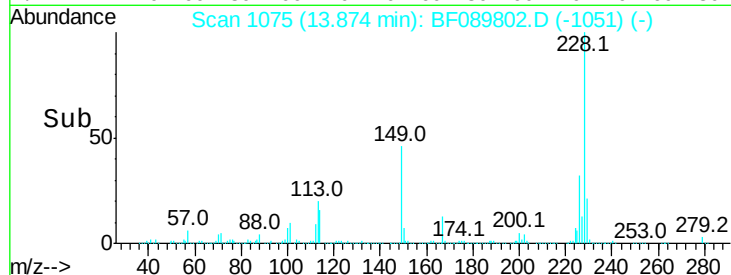
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 25.4  | 38.0  |
| 229     | 20.9  | 16.5  | 24.7  |

Manual Integrations  
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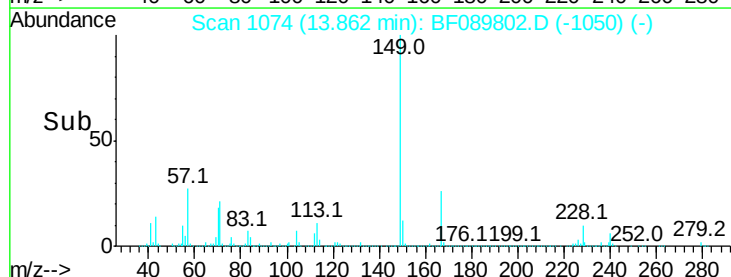
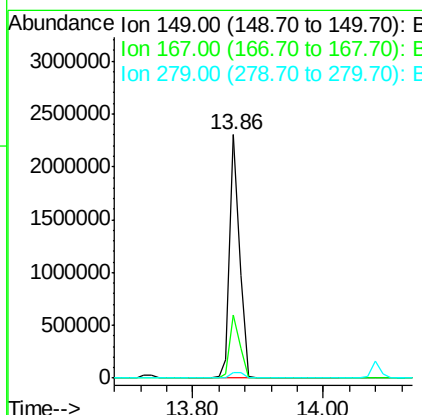
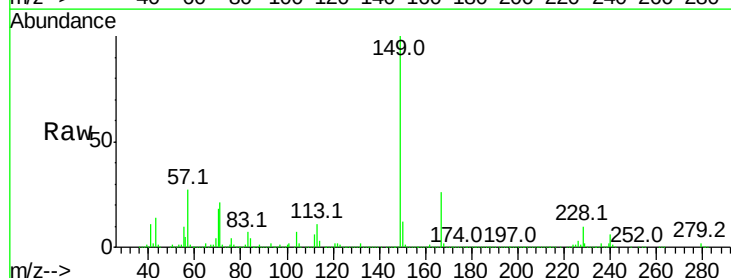
sohil

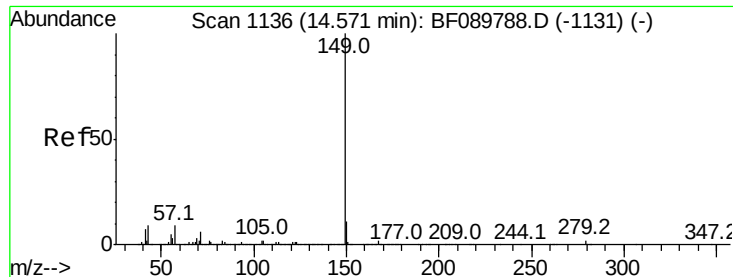
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#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.72 ng  
 RT: 13.86 min Scan# 1074  
 Delta R.T. -0.02 min  
 Lab File: BF089802.D  
 Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.2  | 21.2  | 31.8  |
| 279     | 2.2   | 2.9   | 4.3#  |



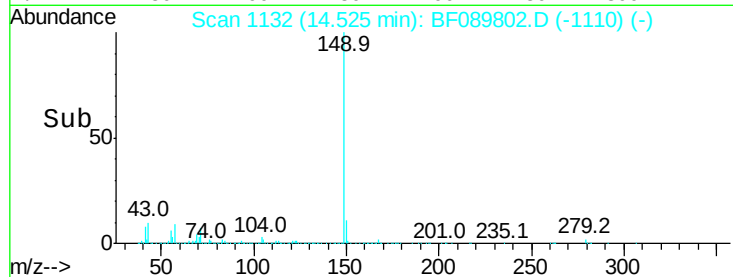
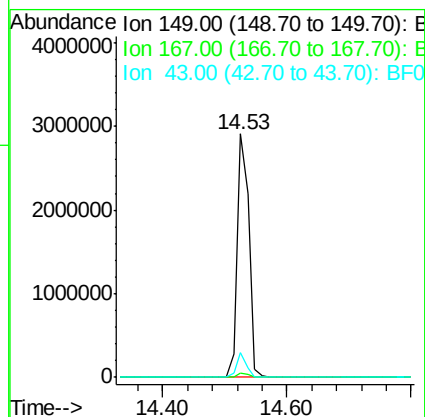
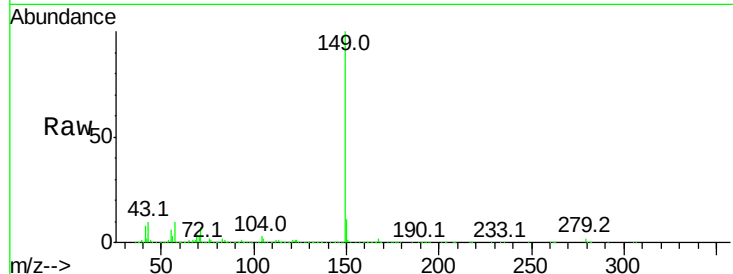


#84  
Di-n-octyl phthalate  
Concen: 38.96 ng  
RT: 14.53 min Scan# 1132  
Delta R.T. -0.05 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

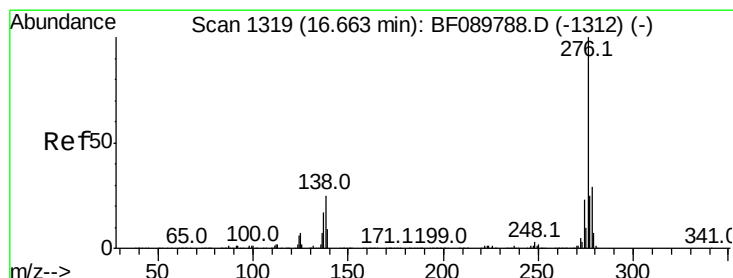
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 8.4   | 8.4   | 12.6  |

Manual Integrations  
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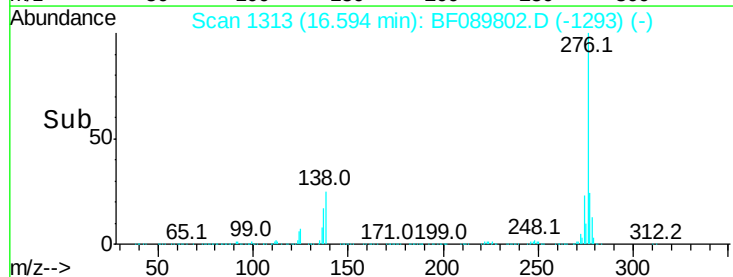
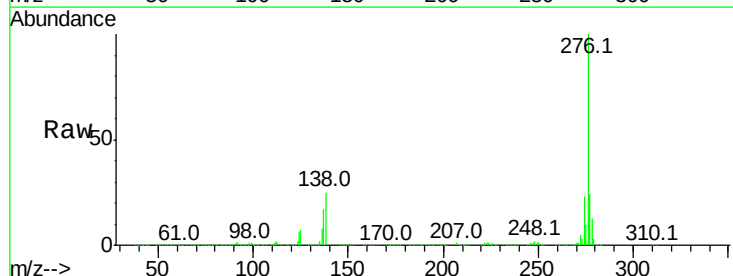
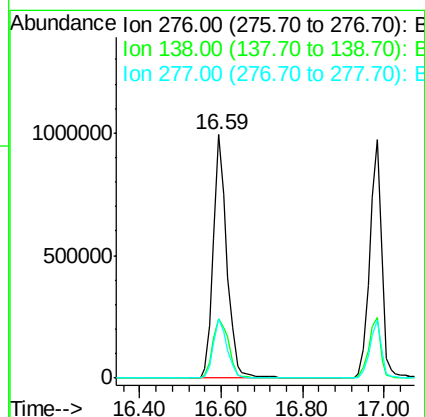
sohil

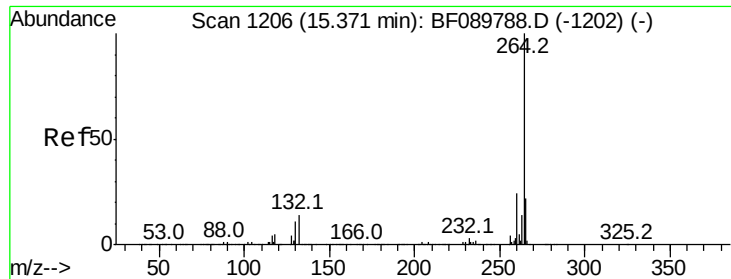
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 25.40 ng  
RT: 16.59 min Scan# 1313  
Delta R.T. -0.07 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.1  | 24.6  | 36.8  |
| 277     | 25.1  | 20.4  | 30.6  |





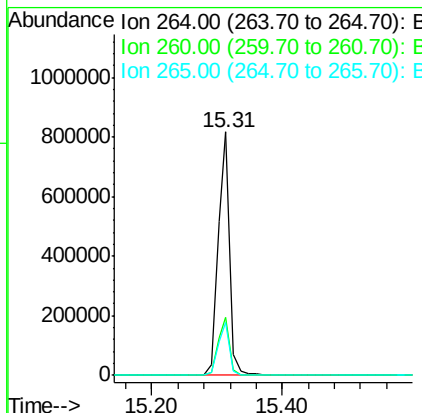
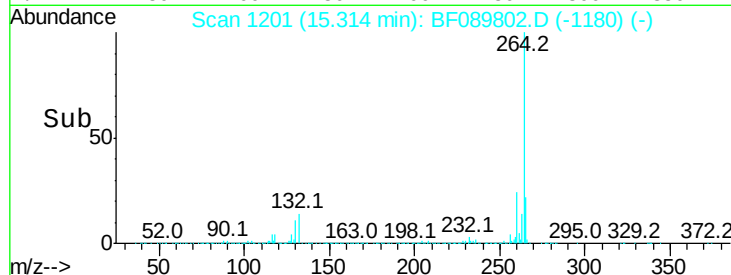
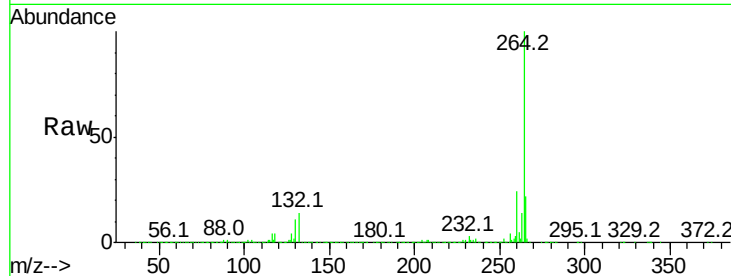
#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.31 min Scan# 1201  
Delta R.T. -0.06 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

Tot Ion:264 Resp: 1016951  

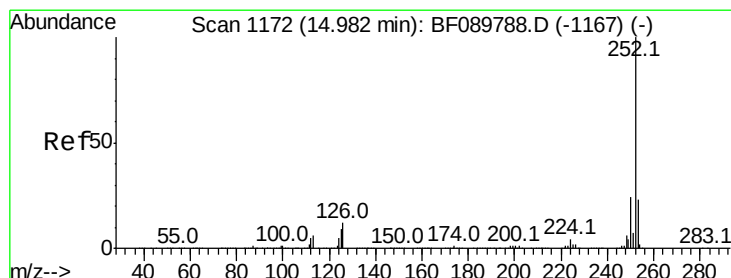
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 20.2  | 30.2  |
| 265 | 21.7  | 17.4  | 26.2  |

Manual Integrations  
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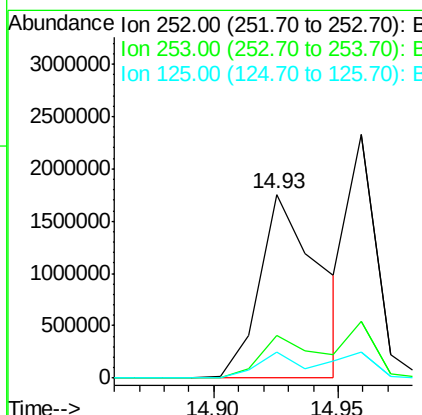
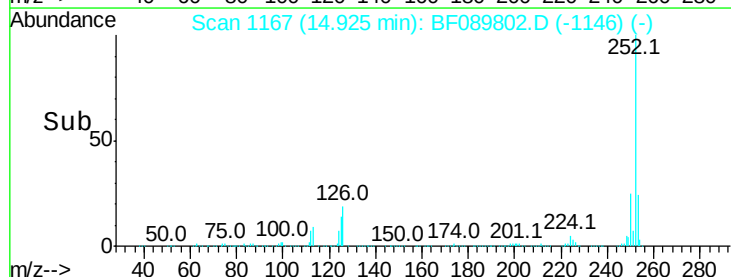
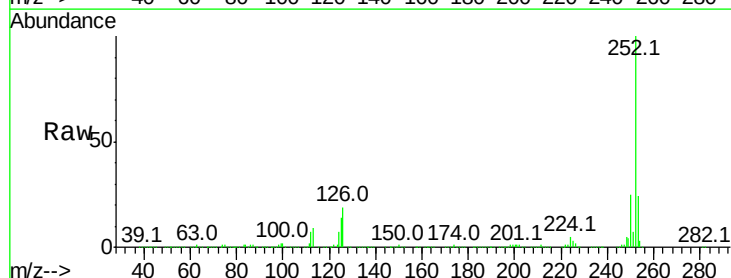
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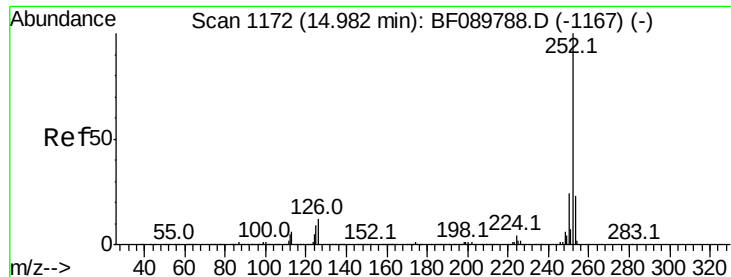


#87  
Benzo(b)fluoranthene  
Concen: 53.33 ng m  
RT: 14.93 min Scan# 1167  
Delta R.T. -0.06 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Tgt Ion:252 Resp: 2983548  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.5  | 17.8  | 26.8  |
| 125 | 14.2  | 11.4  | 17.2  |



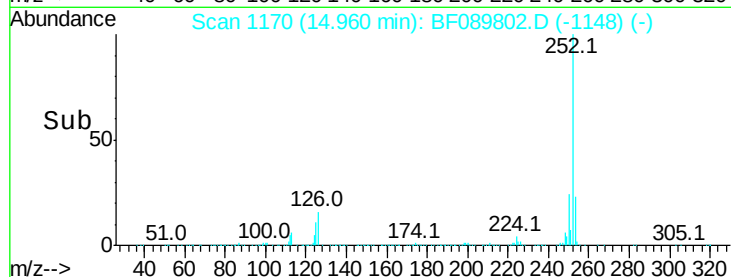
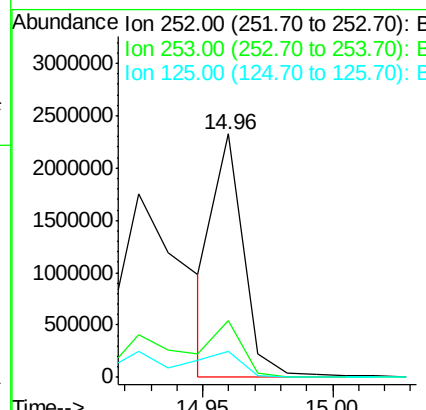
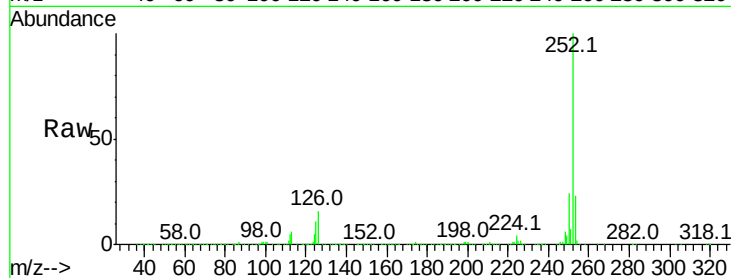


#88  
Benzo(k)fluoranthene  
Concen: 35.44 ng m  
RT: 14.96 min Scan# 1170  
Delta R.T. -0.05 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Instrument :  
BNA\_F  
ClientSampled :  
PB93006BS

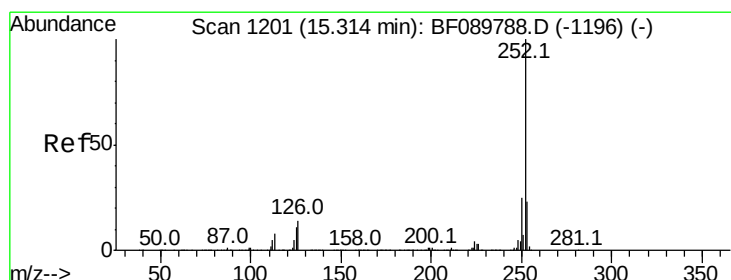
Tot Ion:252 Resp: 1799122  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.4 27.6  
125 10.8 9.8 14.6

Manual Integrations  
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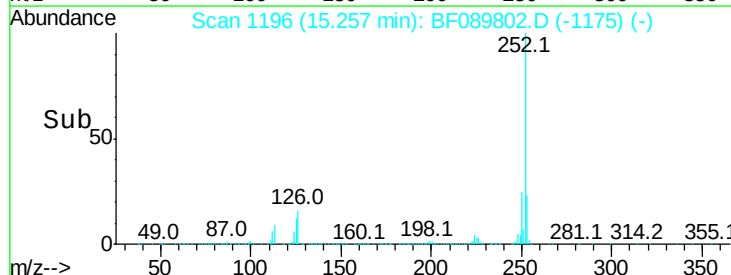
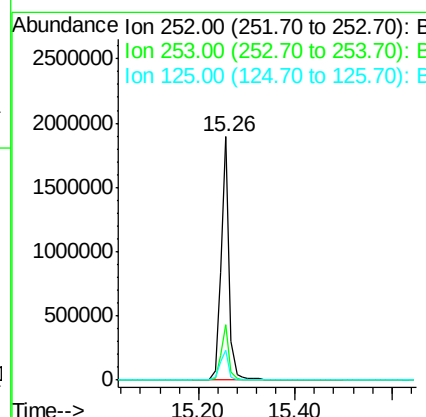
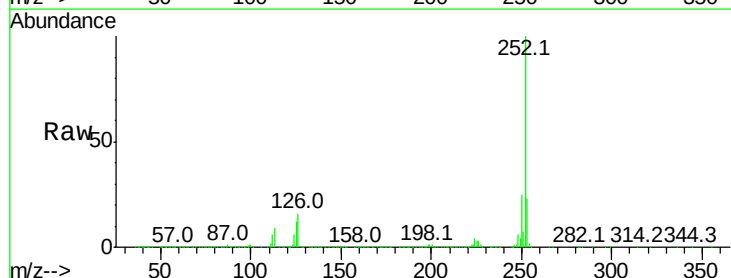
sohil

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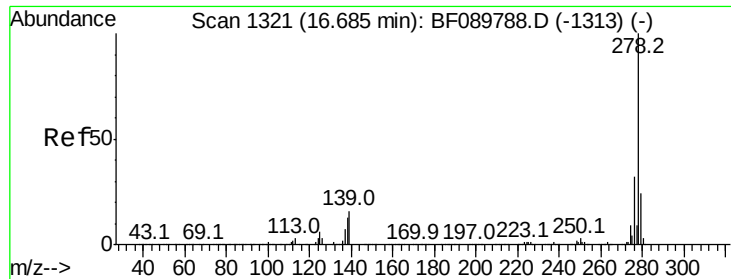


#89  
Benzo(a)pyrene  
Concen: 41.86 ng  
RT: 15.26 min Scan# 1196  
Delta R.T. -0.06 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

Tgt Ion:252 Resp: 2216730  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 12.1 11.7 17.5





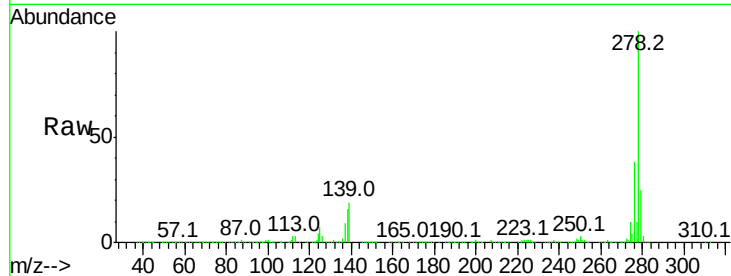


#90  
Dibenzo(a,h)anthracene  
Concen: 33.00 ng  
RT: 16.62 min Scan# 1315  
Delta R.T. -0.07 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

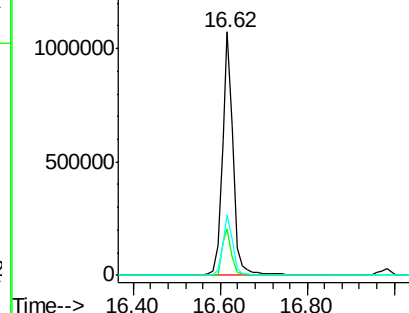
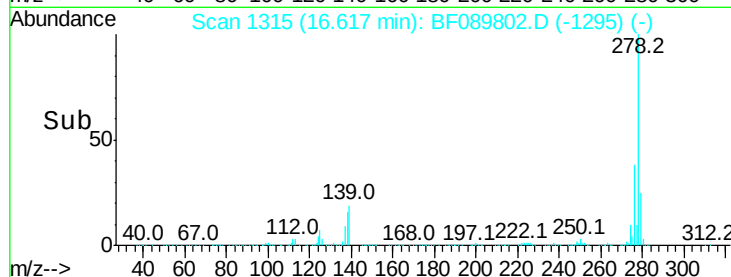
Instrument :  
BNA\_F  
ClientSampleId :  
PB93006BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.3  | 14.9  | 22.3  |
| 279     | 24.9  | 19.2  | 28.8  |

Manual Integrations  
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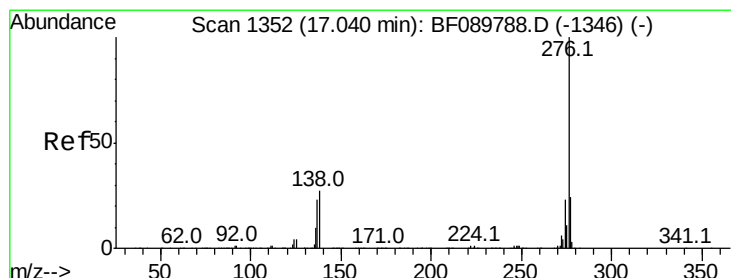


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



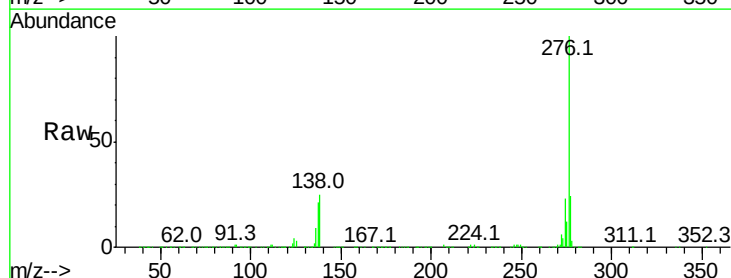
sohil

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#91  
Benzo(g,h,i)perylene  
Concen: 32.45 ng  
RT: 16.98 min Scan# 1347  
Delta R.T. -0.06 min  
Lab File: BF089802.D  
Acq: 19 Aug 2016 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 19.2  | 28.8  |
| 138     | 25.2  | 22.1  | 33.1  |



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

