

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\  
 Data File : BF097312.D  
 Acq On : 3 Aug 2017 11:03  
 Operator : SJ/JU  
 Sample : I4471-20MSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

Manual Integrations  
 APPROVED

Sohil  
 8/3/2017 6:08:40 PM

Quant Time: Aug 03 13:19:18 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 03 12:06:13 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.45  | 152  | 96811    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.73  | 136  | 395426   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.48  | 164  | 157711   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 10.96 | 188  | 264544   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.57 | 240  | 167816   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 14.92 | 264  | 157210   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.05  | 112  | 703815   | 109.59 | ng    | 0.00     |
| 7) Phenol-d6                | 6.13  | 99   | 801171   | 109.28 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.02  | 82   | 487418   | 72.31  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.27 | 330  | 143141   | 114.87 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 8.82  | 172  | 749446   | 80.65  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.53 | 244  | 494534   | 60.08  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 1.98 | 88   | 77153    | 28.789 | ng    | # 73   |
| 3) Pyridine                    | 2.59 | 79   | 238655   | 29.082 | ng    | # 64   |
| 4) n-Nitrosodimethylamine      | 2.53 | 42   | 147822   | 32.515 | ng    | # 76   |
| 6) Aniline                     | 6.12 | 93   | 251554   | 27.266 | ng    | 92     |
| 8) 2-Chlorophenol              | 6.25 | 128  | 260168   | 37.887 | ng    | 96     |
| 9) Benzaldehyde                | 5.99 | 77   | 179454   | 41.353 | ng    | 97     |
| 10) Phenol                     | 6.14 | 94   | 356460   | 40.990 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.20 | 93   | 256375   | 37.275 | ng    | 91     |
| 12) 1,3-Dichlorobenzene        | 6.39 | 146  | 259908   | 35.121 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 6.47 | 146  | 271959   | 37.083 | ng    | 94     |
| 14) 1,2-Dichlorobenzene        | 6.62 | 146  | 226921   | 35.437 | ng    | 98     |
| 15) Benzyl Alcohol             | 6.62 | 79   | 194975   | 42.005 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.74 | 45   | 501111   | 36.325 | ng    | 80     |
| 17) 2-Methylphenol             | 6.75 | 107  | 196769   | 37.128 | ng    | # 86   |
| 18) Hexachloroethane           | 6.96 | 117  | 86173    | 32.118 | ng    | # 80   |
| 19) n-Nitroso-di-n-propylamine | 6.89 | 70   | 176943   | 36.666 | ng    | # 82   |
| 20) 3+4-Methylphenols          | 6.90 | 107  | 279627   | 40.397 | ng    | # 62   |
| 22) Acetophenone               | 6.87 | 105  | 345177   | 36.350 | ng    | 96     |
| 24) Nitrobenzene               | 7.05 | 77   | 250482   | 35.681 | ng    | 93     |
| 25) Isophorone                 | 7.29 | 82   | 506741   | 38.388 | ng    | 96     |
| 26) 2-Nitrophenol              | 7.36 | 139  | 144161   | 37.957 | ng    | # 88   |
| 27) 2,4-Dimethylphenol         | 7.42 | 122  | 229610   | 36.649 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.50 | 93   | 336831   | 39.101 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.62 | 162  | 225166   | 41.718 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.69 | 180  | 185704   | 36.097 | ng    | 98     |
| 31) Naphthalene                | 7.76 | 128  | 707964   | 37.981 | ng    | 99     |
| 33) 4-Chloroaniline            | 7.83 | 127  | 225280   | 29.703 | ng    | 98     |
| 34) Hexachlorobutadiene        | 7.88 | 225  | 95556    | 35.036 | ng    | 99     |
| 35) Caprolactam                | 8.19 | 113  | 81014m   | 46.810 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 8.33 | 107  | 203776   | 34.607 | ng    | 90     |
| 37) 2-Methylnaphthalene        | 8.45 | 142  | 450734   | 38.192 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.62 | 216  | 171203   | 40.684 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 8.60 | 237  | 10006    | 12.831 | ng    | 98     |
| 42) 2,4,6-Trichlorophenol      | 8.74 | 196  | 126060   | 41.338 | ng    | 98     |

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 APPROVED

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 8/3/2017 6:08:40 PM

Quant Time: Aug 03 13:19:18 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 03 12:06:13 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 8.79  | 196  | 121240   | 39.721 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 8.92  | 154  | 487836   | 36.215 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 8.93  | 162  | 374686   | 37.798 | nq    | # 91     |
| 47) 2-Nitroaniline             | 9.04  | 65   | 158198   | 43.974 | nq    | 95       |
| 48) Acenaphthylene             | 9.35  | 152  | 527837   | 34.691 | nq    | 100      |
| 49) Dimethylphthalate          | 9.22  | 163  | 655752   | 54.754 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.29  | 165  | 97406    | 38.347 | nq    | # 76     |
| 51) Acenaphthene               | 9.52  | 154  | 327775   | 36.572 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.45  | 138  | 103415   | 32.800 | nq    | 94       |
| 53) 2,4-Dinitrophenol          | 9.60  | 184  | 4285     | 3.710  | nq    | # 1      |
| 54) Dibenzofuran               | 9.69  | 168  | 491919   | 41.207 | nq    | 95       |
| 55) 4-Nitrophenol              | 9.65  | 139  | 117840   | 62.849 | nq    | # 59     |
| 56) 2,4-Dinitrotoluene         | 9.69  | 165  | 121139   | 41.485 | nq    | # 57     |
| 57) Fluorene                   | 10.03 | 166  | 365238   | 40.707 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.82  | 232  | 82441    | 39.118 | nq    | # 98     |
| 59) Diethylphthalate           | 9.92  | 149  | 418686   | 38.106 | nq    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.03 | 204  | 149466   | 40.341 | nq    | 97       |
| 61) 4-Nitroaniline             | 10.06 | 138  | 95560    | 31.898 | nq    | 93       |
| 62) Azobenzene                 | 10.19 | 77   | 430483   | 42.233 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 10.11 | 198  | 25079    | 15.256 | nq    | 89       |
| 65) n-Nitrosodiphenylamine     | 10.15 | 169  | 421579   | 45.801 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 10.51 | 248  | 96298    | 36.476 | nq    | 96       |
| 67) Hexachlorobenzene          | 10.58 | 284  | 98608    | 33.307 | nq    | # 88     |
| 68) Atrazine                   | 10.68 | 200  | 108877   | 41.250 | nq    | 93       |
| 69) Pentachlorophenol          | 10.78 | 266  | 80058    | 65.356 | nq    | 97       |
| 70) Phenanthrene               | 10.98 | 178  | 525001   | 37.039 | nq    | 99       |
| 71) Anthracene                 | 11.03 | 178  | 506738   | 34.905 | nq    | 98       |
| 72) Carbazole                  | 11.19 | 167  | 504643   | 35.345 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.53 | 149  | 694223   | 39.335 | nq    | 99       |
| 74) Fluoranthene               | 12.16 | 202  | 491830   | 35.419 | nq    | 99       |
| 76) Benzidine                  | 12.29 | 184  | 138604   | 22.259 | nq    | # 93     |
| 77) Pyrene                     | 12.38 | 202  | 492630   | 35.857 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.01 | 149  | 240548   | 34.421 | nq    | # 77     |
| 80) Benzo(a)anthracene         | 13.57 | 228  | 364429   | 33.562 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.53 | 252  | 124743   | 30.464 | nq    | # 95     |
| 82) Chrysene                   | 13.60 | 228  | 359534   | 33.909 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.58 | 149  | 322937   | 35.392 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.19 | 149  | 559504   | 33.414 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.13 | 276  | 278605   | 30.644 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 14.56 | 252  | 325412   | 34.434 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 14.59 | 252  | 308687   | 34.279 | nq    | 97       |
| 89) Benzo(a)pyrene             | 14.87 | 252  | 306152   | 35.397 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.13 | 278  | 235341   | 33.181 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 16.48 | 276  | 219820   | 29.554 | nq    | 97       |

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

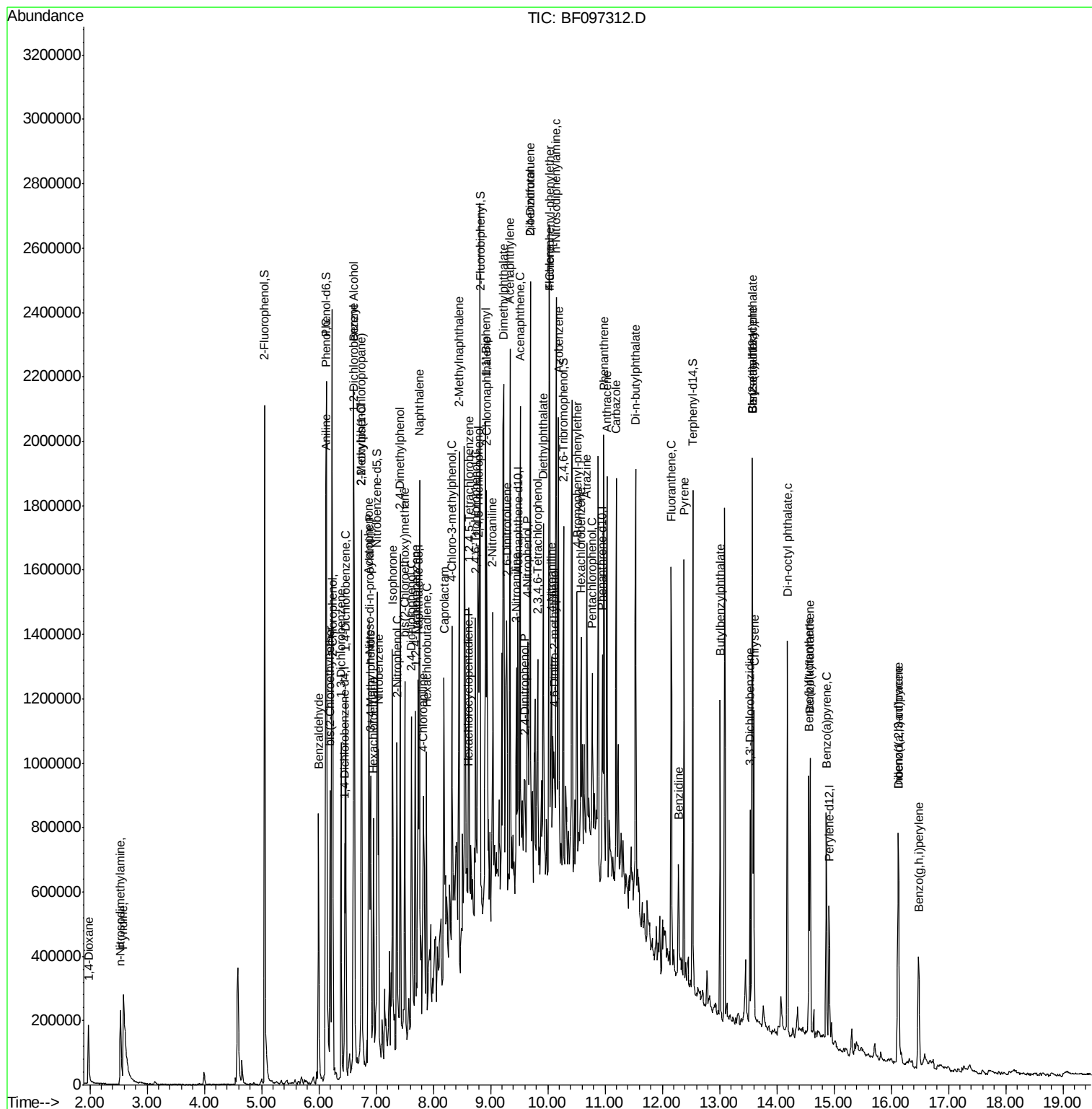
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Data File : BF097312.D  
Acq On    : 3 Aug 2017 11:03  
Operator  : SJ/JU  
Sample    : I4471-20MSD  
Misc      :  
ALS Vial  : 41 Sample Multiplier: 1
```

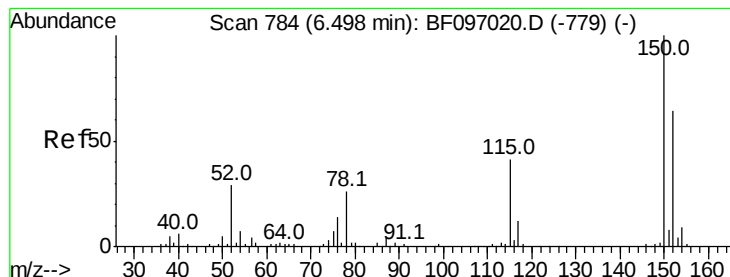
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
E2-L6-NSWMSD

## Manual Integrations APPROVED

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8/3/2017 6:08:40 PM

Quant Time: Aug 03 13:19:18 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 03 12:06:13 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.45 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

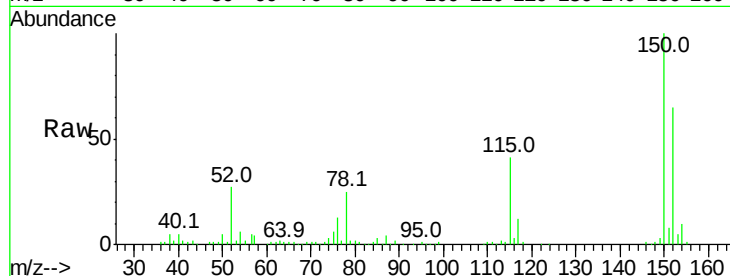
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E2-L6-NSWMSD

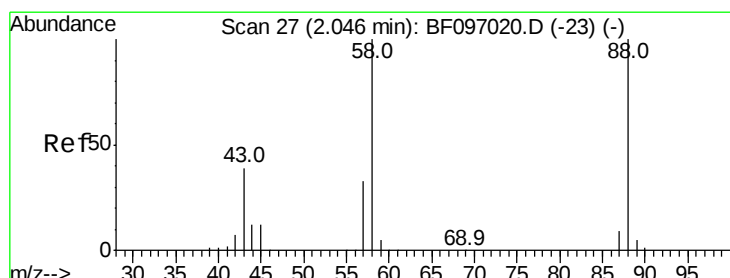
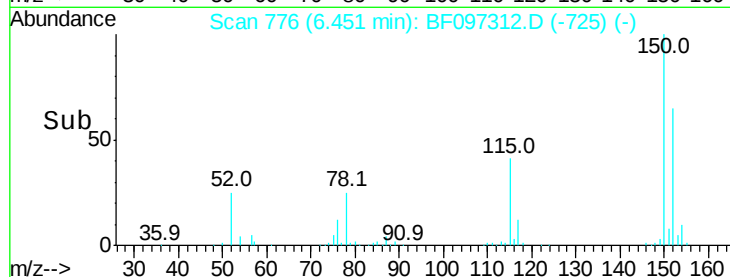
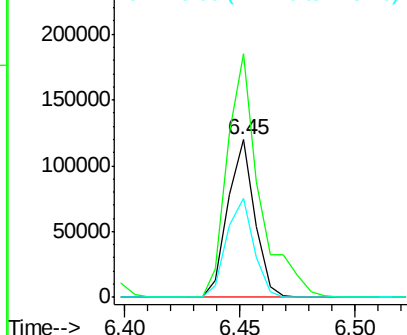
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 152   | Resp: | 96811 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 154.4 | 126.2 | 189.2 |
| 115       | 62.6  | 52.2  | 78.2  |

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



#2

1,4-Dioxane

Concen: 28.789 ng

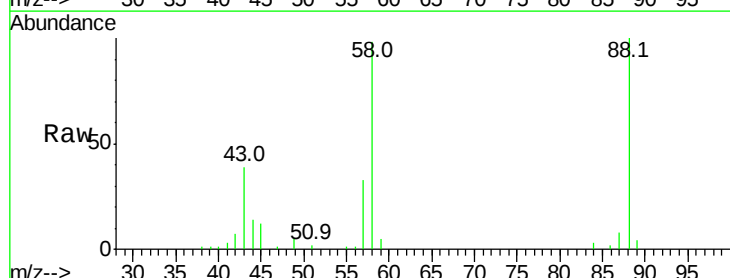
RT: 1.98 min Scan# 15

Delta R.T. 0.05 min

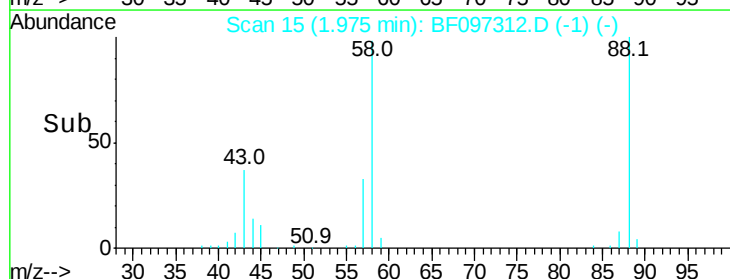
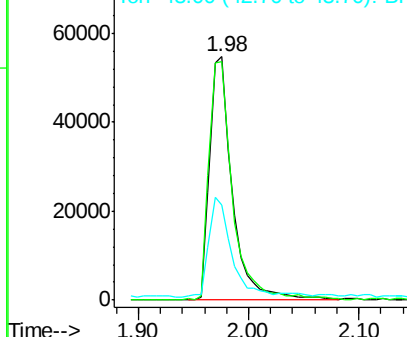
Lab File: BF097312.D

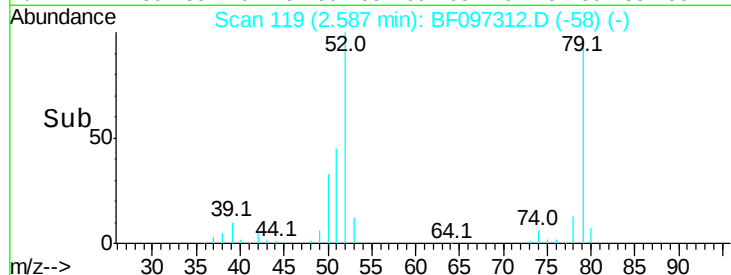
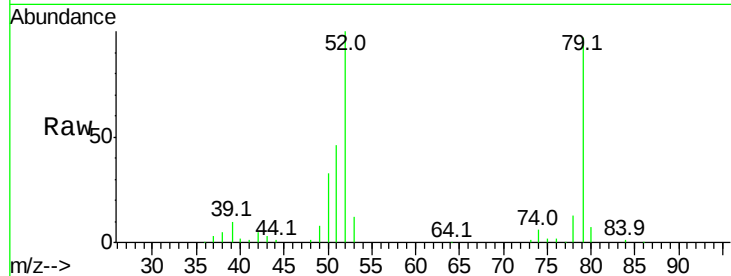
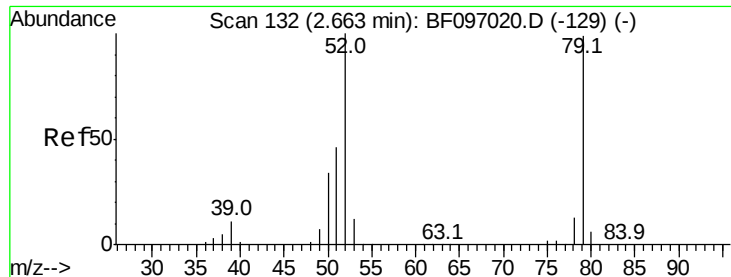
Acq: 3 Aug 2017 11:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 77153 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 102.4 | 61.4  | 92.0# |
| 43        | 40.3  | 23.4  | 35.0# |



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





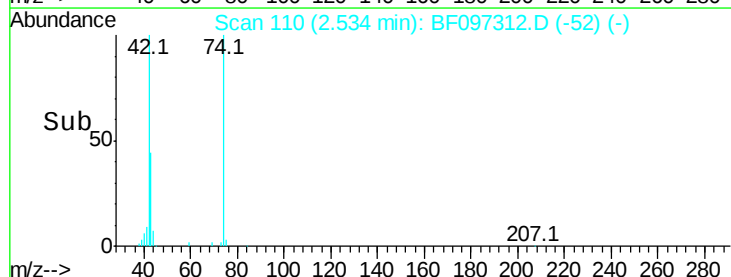
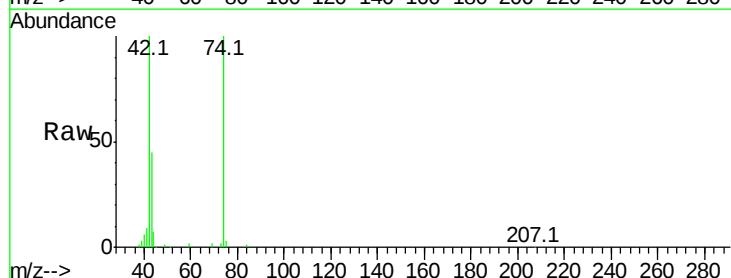
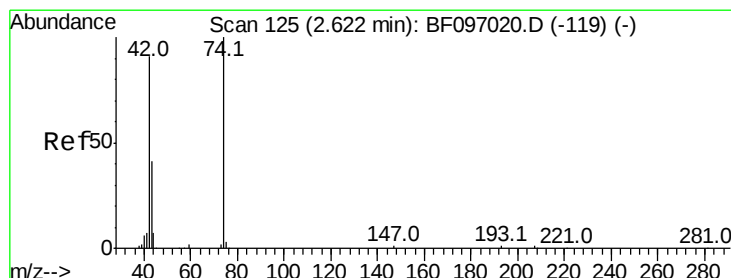
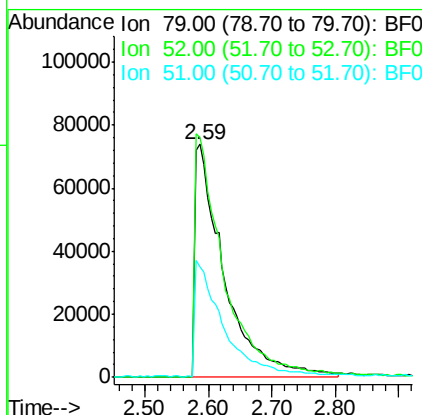
#3  
 Pvridine  
 Concen: 29.082 ng  
 RT: 2.59 min Scan# 119  
 Delta R.T. 0.06 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 52      | 103.0 | 54.8 | 82.2# |       |
| 51      | 47.3  | 27.0 | 40.4# |       |

Instrument :  
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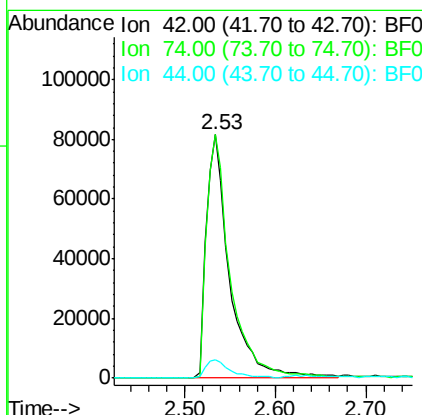
Manual Integrations  
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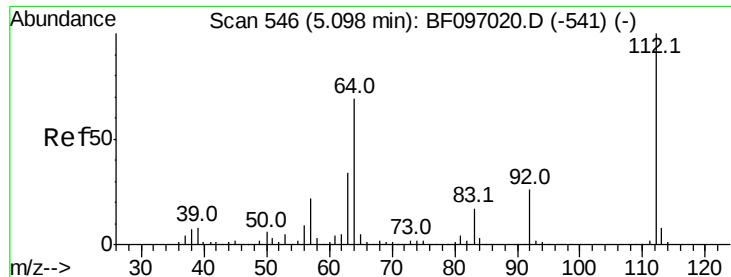
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#4  
 n-Nitrosodimethylamine  
 Concen: 32.515 ng  
 RT: 2.53 min Scan# 110  
 Delta R.T. 0.04 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 42      | 100   |       |        |       |
| 74      | 100.0 | 103.9 | 155.9# |       |
| 44      | 7.4   | 5.7   | 8.5    |       |





#5

2-Fluorophenol

Concen: 109.594 ng

RT: 5.05 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

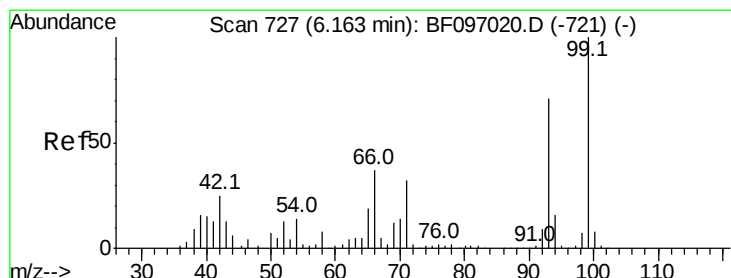
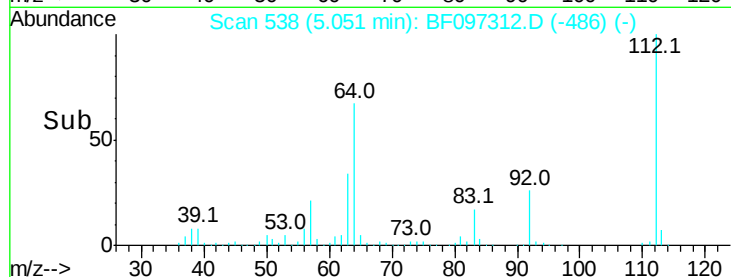
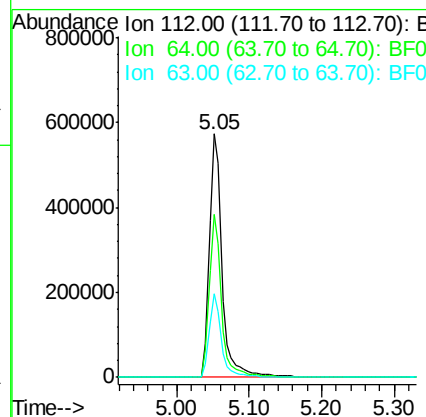
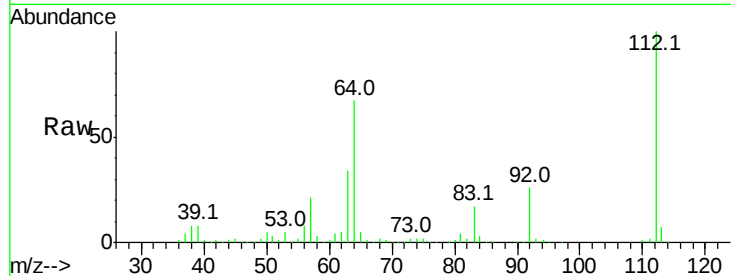
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 703815 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 66.8  | 46.0  | 69.0   |
| 63        | 34.3  | 23.4  | 35.0   |

Manual Integrations  
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#6

Aniline

Concen: 27.266 ng

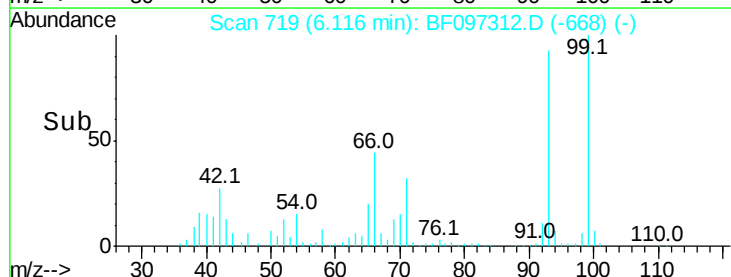
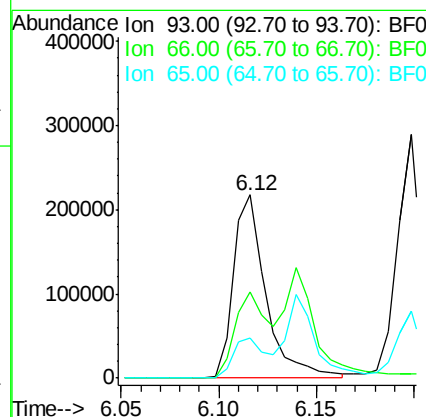
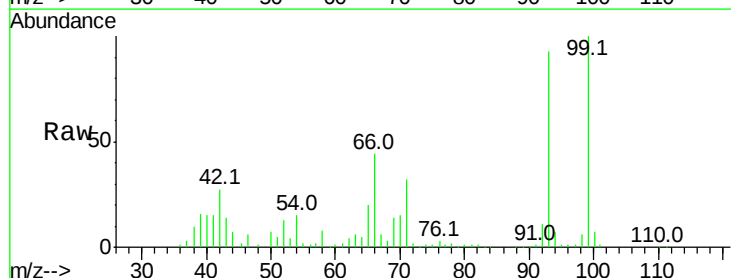
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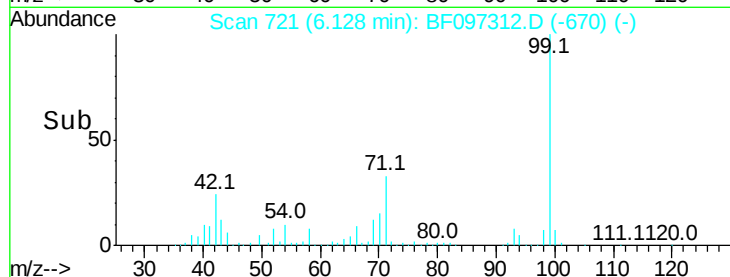
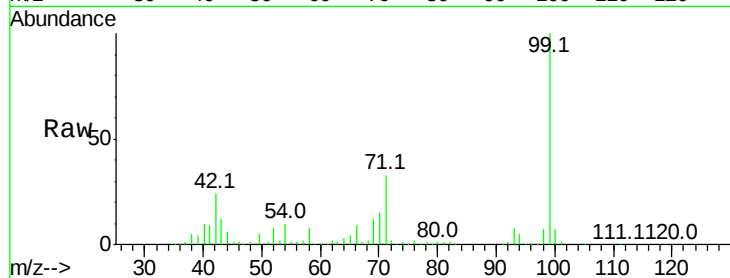
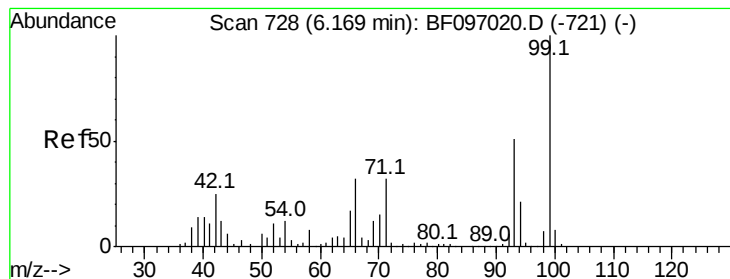
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 251554 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 47.3  | 32.9  | 49.3   |
| 65        | 21.7  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 109.278 ng

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 801171 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 24.0  | 13.5  | 20.3#  |
| 71        | 32.9  | 24.5  | 36.7   |

Instrument :

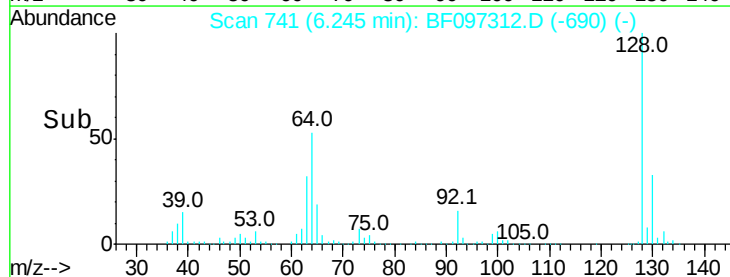
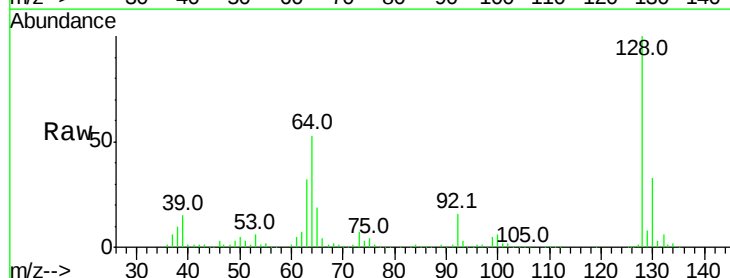
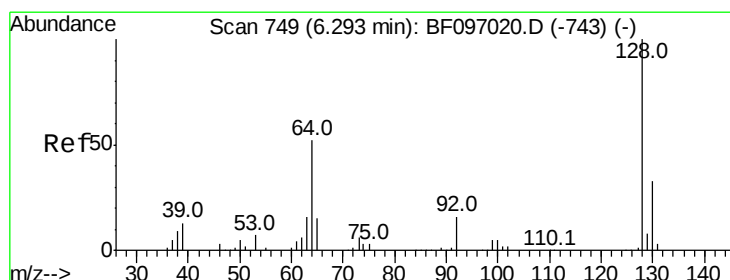
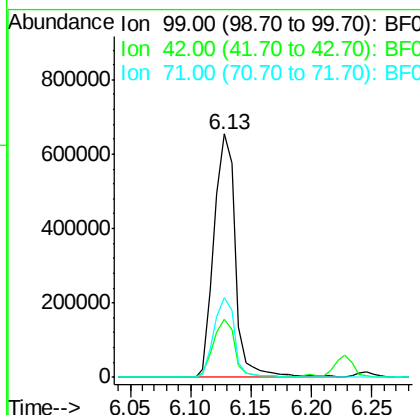
BNA\_F

ClientSampleId :

E2-L6-NSWMSD

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#8

2-Chlorophenol

Concen: 37.887 ng

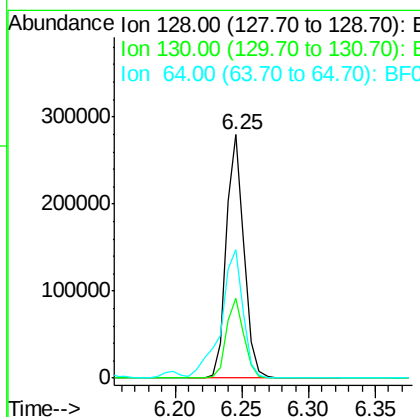
RT: 6.25 min Scan# 741

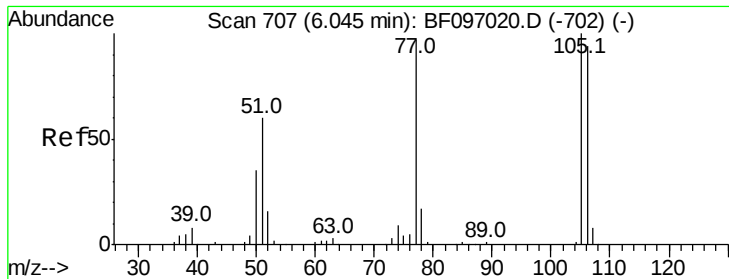
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 260168 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.0  | 12.9  | 52.9   |
| 64        | 52.9  | 28.4  | 68.4   |





#9

Benzaldehyde

Concen: 41.353 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

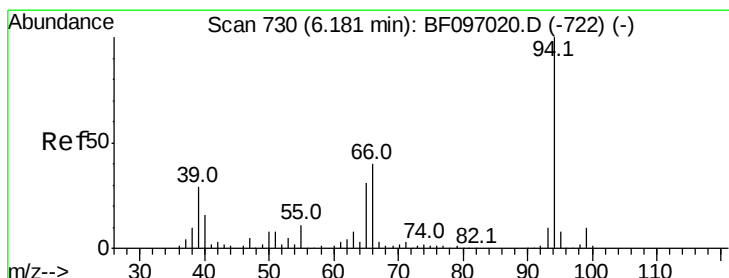
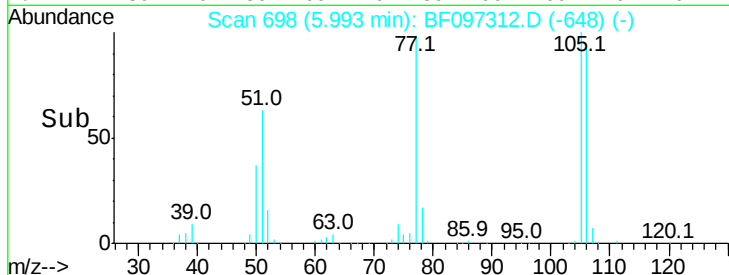
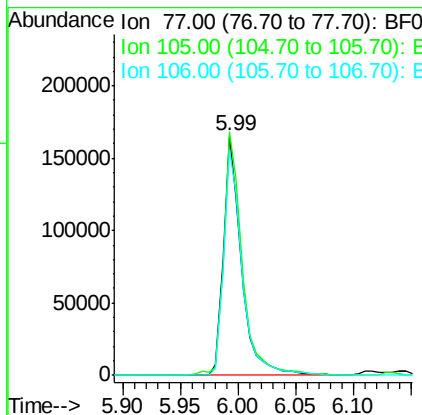
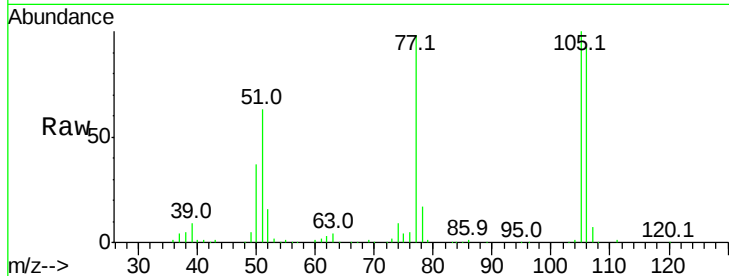
ClientSampleId :

E2-L6-NSWMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 179454 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 102.0 | 83.8  | 123.8  |
| 106      | 94.8  | 79.1  | 119.1  |

Manual Integrations  
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#10

Phenol

Concen: 40.990 ng

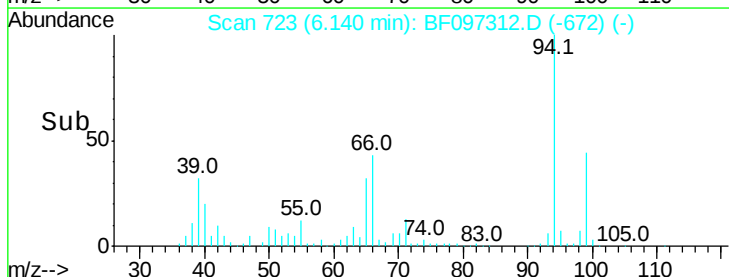
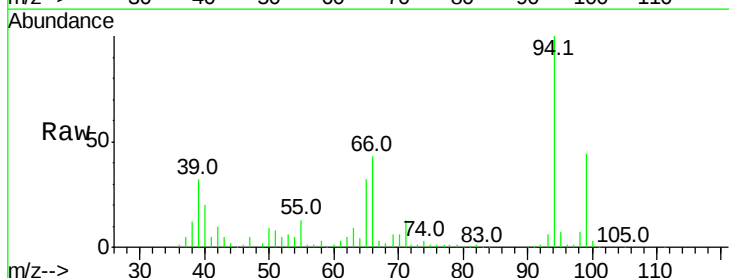
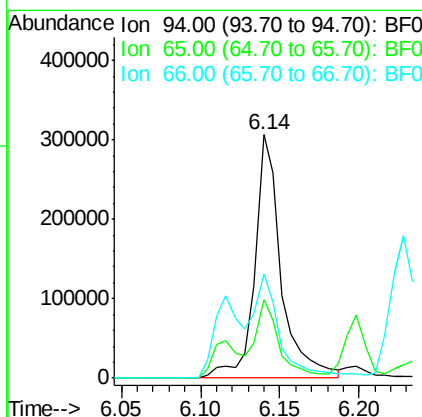
RT: 6.14 min Scan# 723

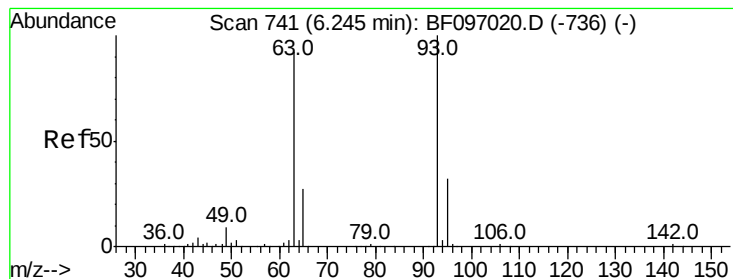
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 356460 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.3  | 9.9   | 49.9   |
| 66       | 42.8  | 23.1  | 63.1   |





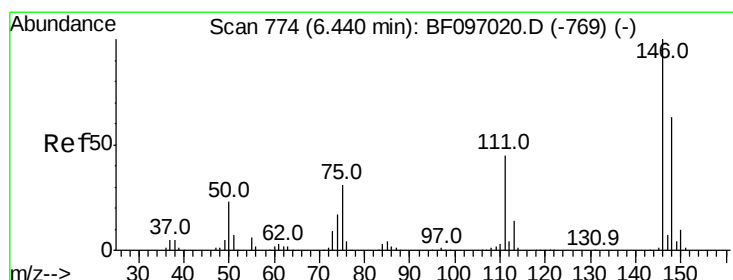
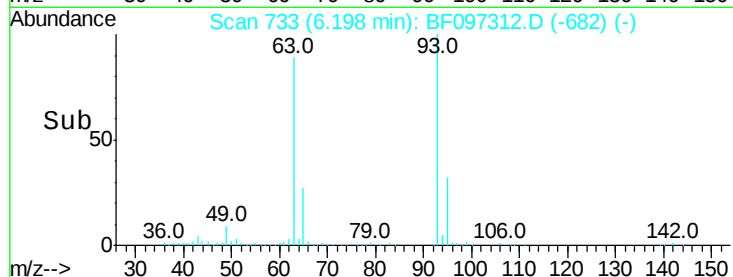
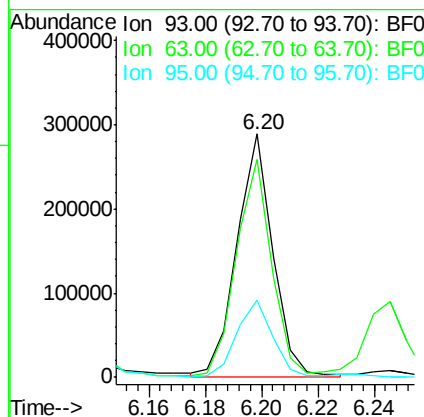
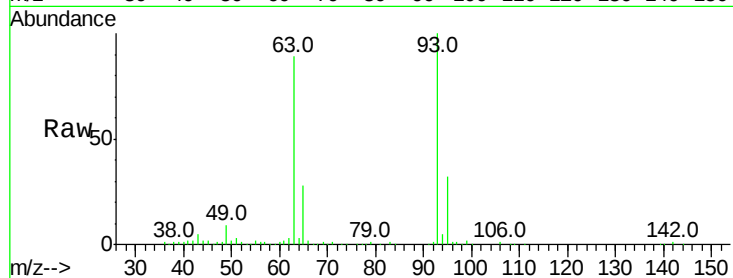
#11  
bis(2-Chloroethyl)ether  
Concen: 37.275 ng  
RT: 6.20 min Scan# 733  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 256375 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 89.3  | 59.2  | 99.2   |
| 95        | 31.6  | 12.8  | 52.8   |

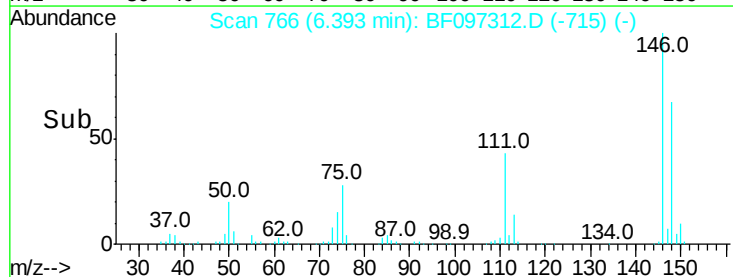
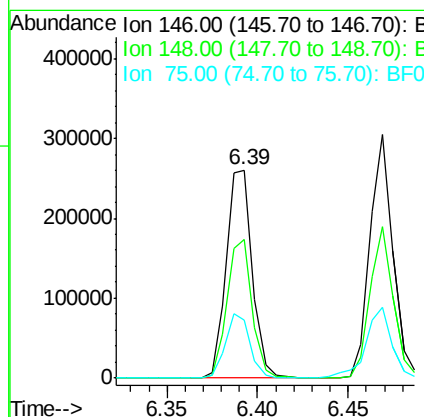
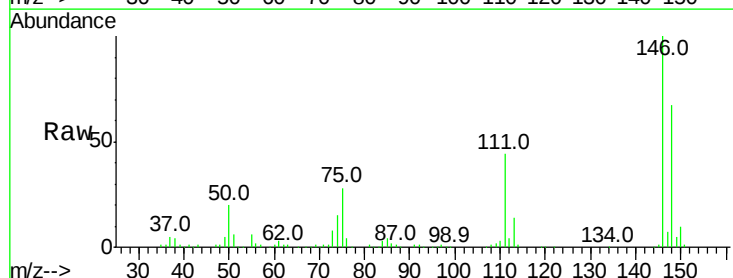
Manual Integrations  
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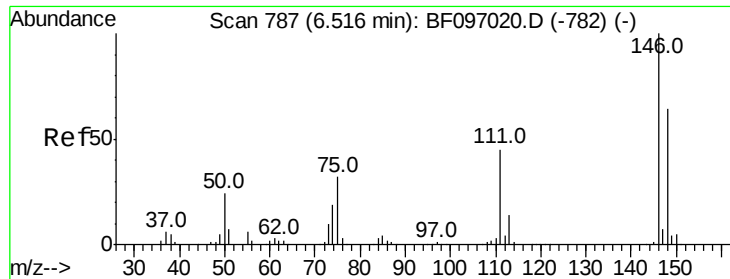
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#12  
1,3-Dichlorobenzene  
Concen: 35.121 ng  
RT: 6.39 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 259908 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.8  | 51.8  | 77.6   |
| 75        | 27.6  | 23.1  | 34.7   |





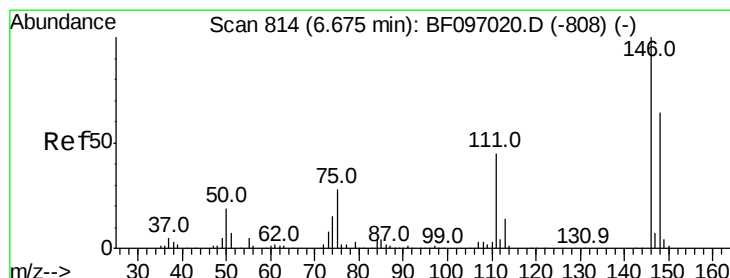
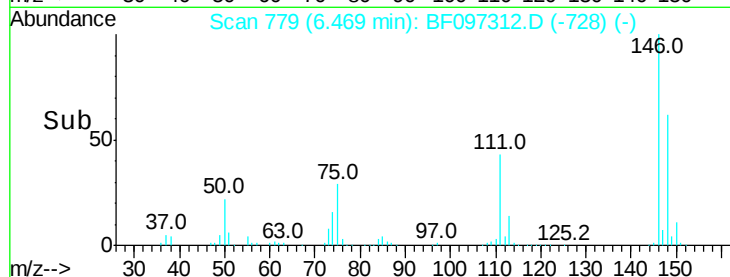
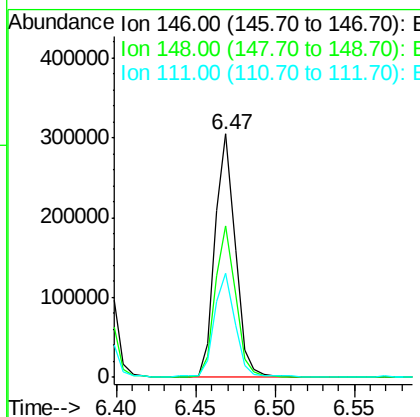
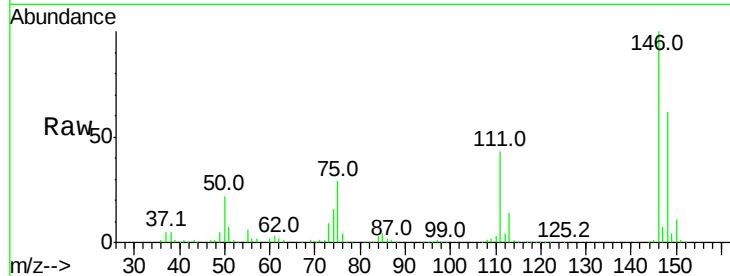
#13  
 1,4-Dichlorobenzene  
 Concen: 37.083 ng  
 RT: 6.47 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 52.2  | 78.2  |
| 111     | 43.0  | 30.3  | 45.5  |

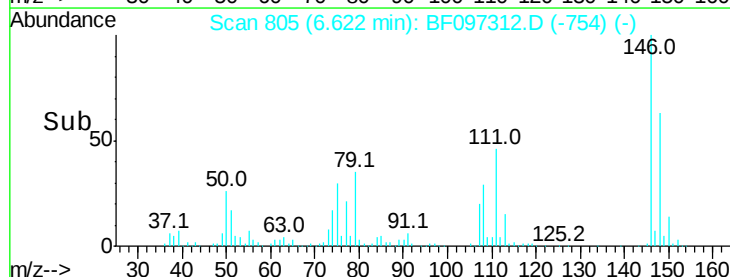
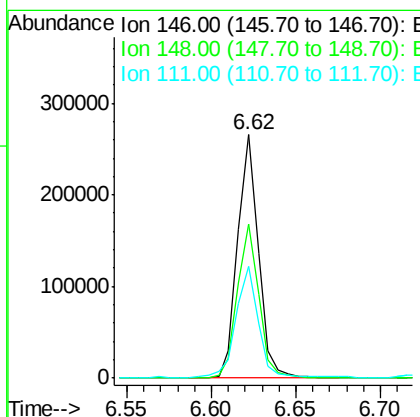
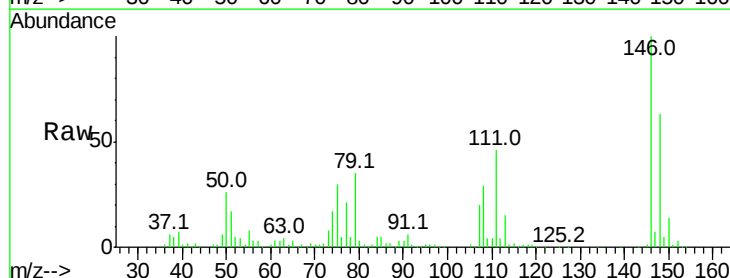
Manual Integrations  
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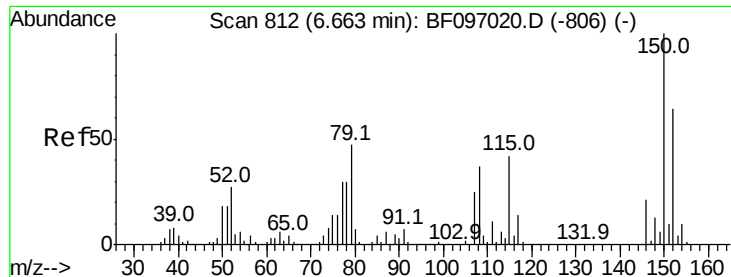
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#14  
 1,2-Dichlorobenzene  
 Concen: 35.437 ng  
 RT: 6.62 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 50.4  | 75.6  |
| 111     | 45.7  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 42.005 ng

RT: 6.62 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

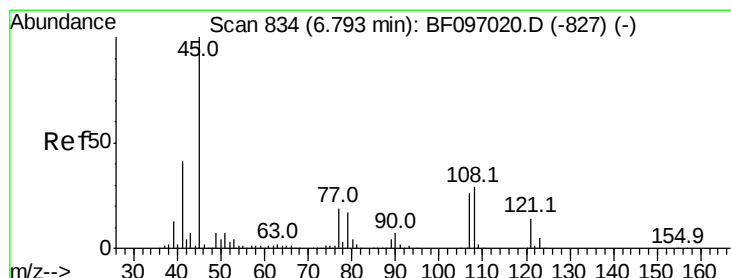
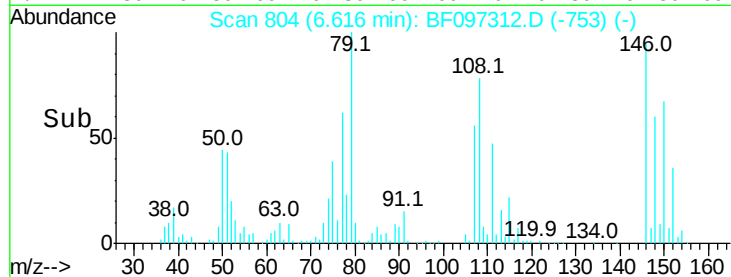
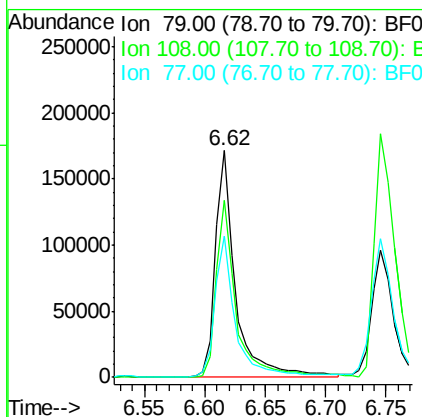
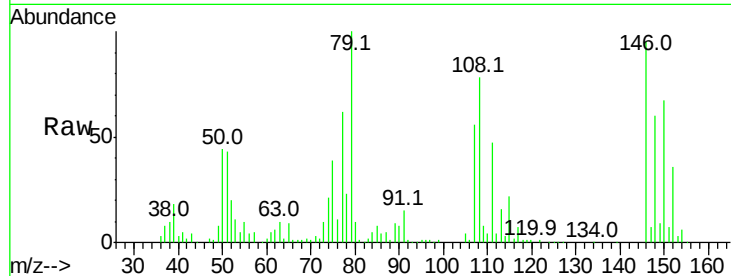
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 194975 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.9  | 63.4  | 95.0   |
| 77        | 62.3  | 49.2  | 73.8   |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.325 ng

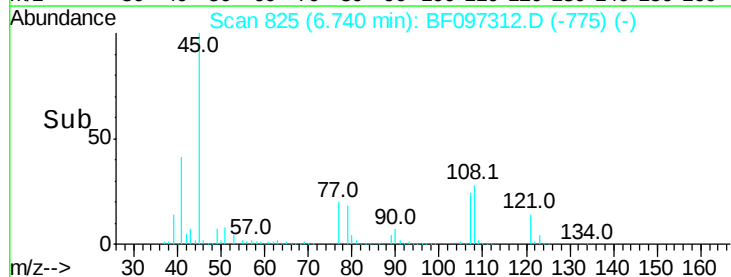
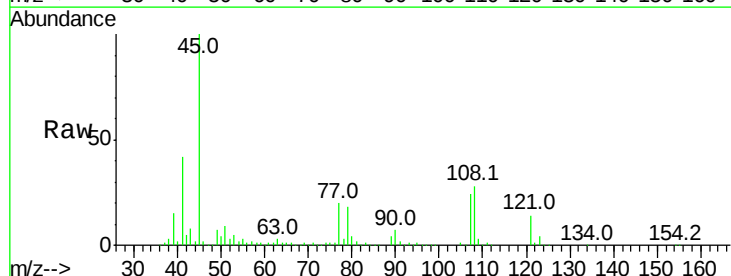
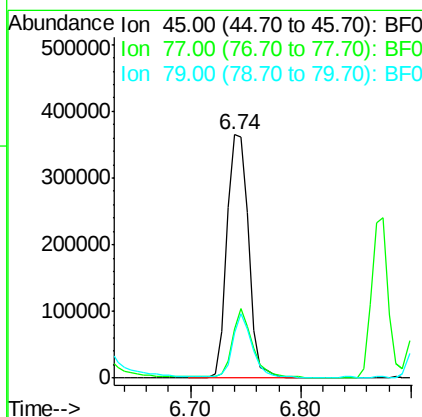
RT: 6.74 min Scan# 825

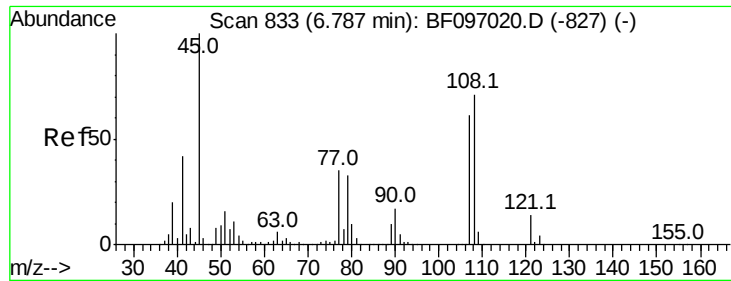
Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 501111 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 20.2  | 0.0   | 33.2   |
| 79        | 18.4  | 0.0   | 30.0   |





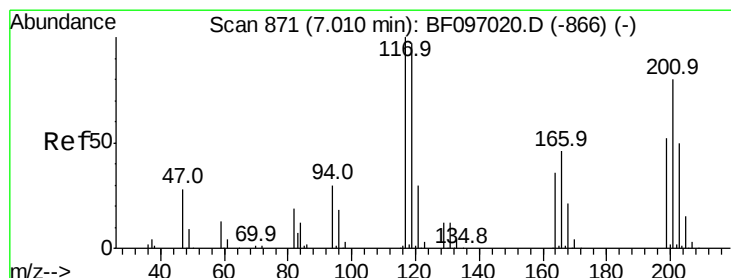
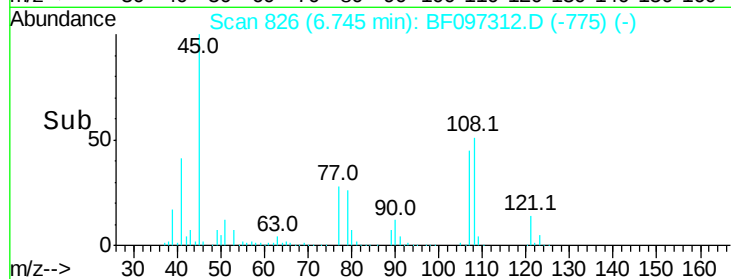
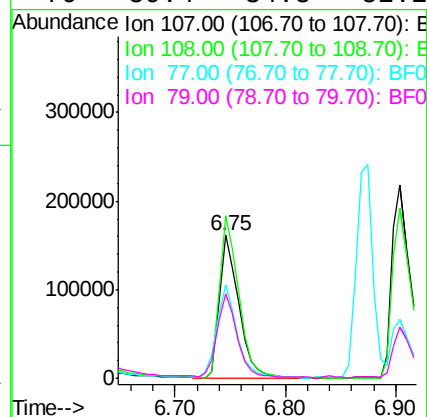
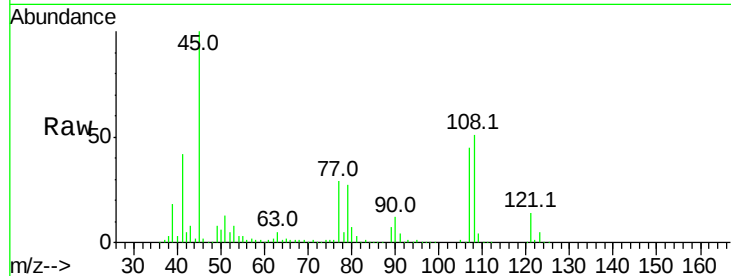
#17  
2-Methylphenol  
Concen: 37.128 ng  
RT: 6.75 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 107     | 100   |            |       |
| 108     | 113.8 | 93.4       | 140.0 |
| 77      | 64.9  | 35.8       | 53.6# |
| 79      | 59.4  | 34.8       | 52.2# |

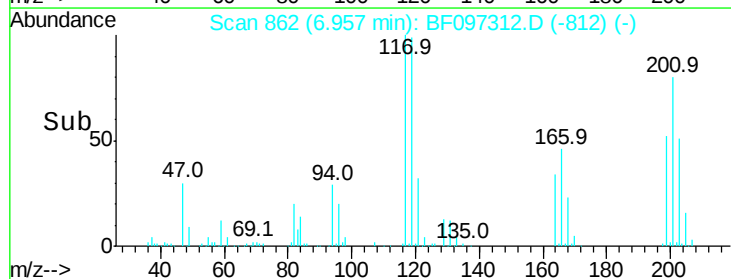
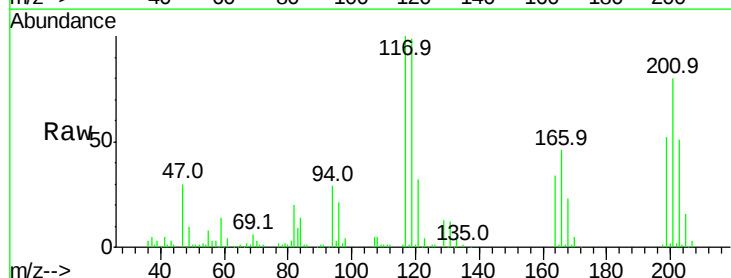
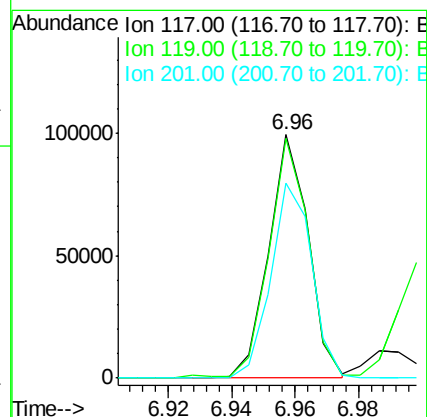
Manual Integrations  
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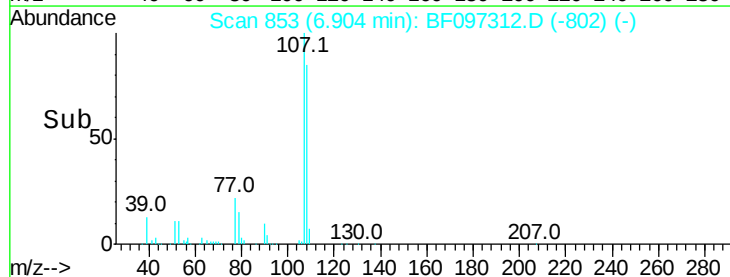
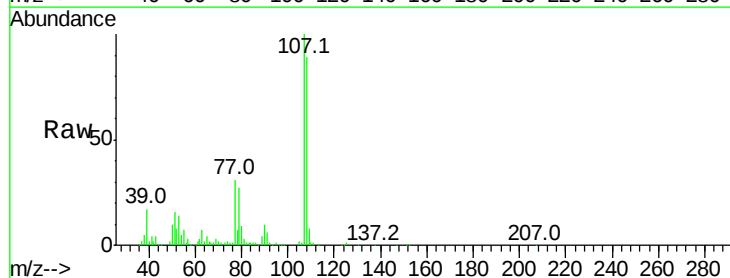
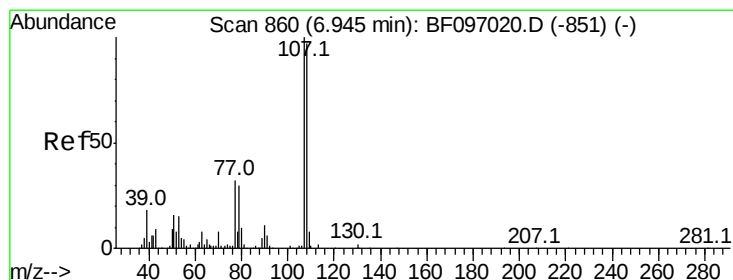
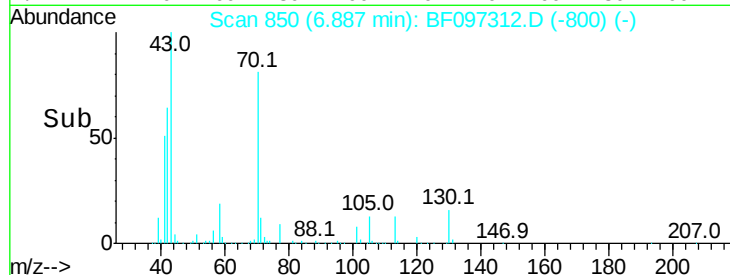
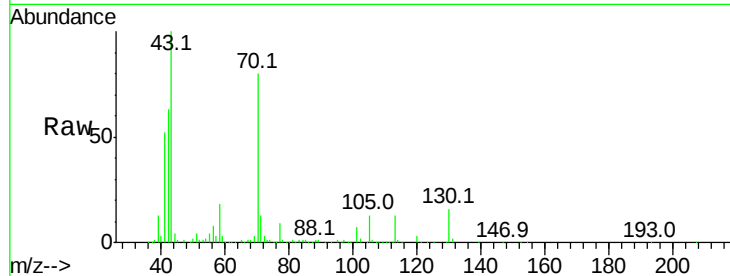
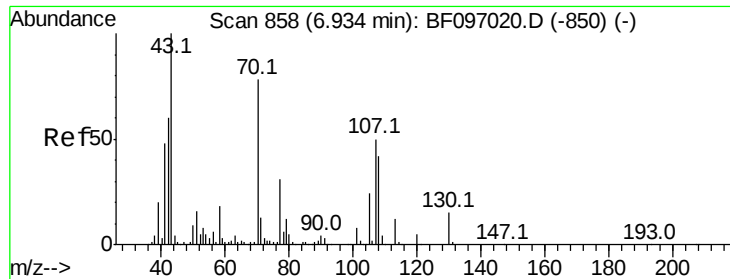
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#18  
Hexachloroethane  
Concen: 32.118 ng  
RT: 6.96 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp Lower | Upper  |
|---------|-------|------------|--------|
| 117     | 100   |            |        |
| 119     | 98.6  | 77.4       | 116.0  |
| 201     | 80.1  | 94.6       | 141.8# |





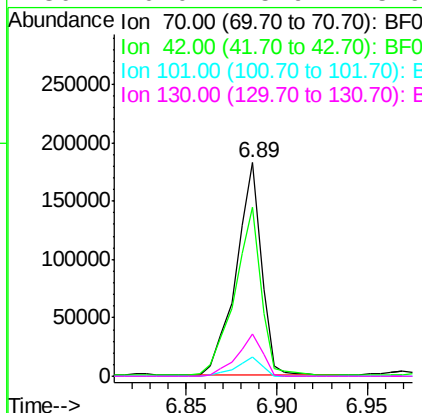
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.666 ng  
RT: 6.89 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 78.8  | 47.2  | 70.8# |
| 101     | 9.2   | 7.2   | 10.8  |
| 130     | 20.0  | 15.9  | 23.9  |

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

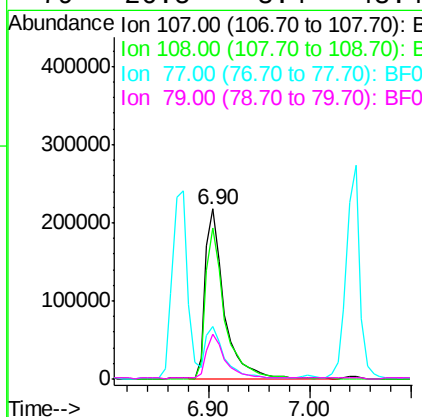
Manual Integrations  
APPROVED

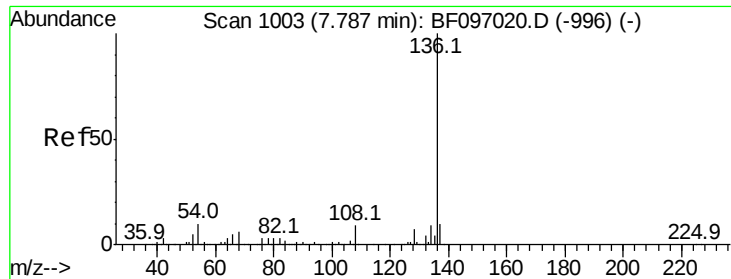
Sohil  
8/3/2017 6:08:40 PM



#20  
3+4-Methylphenols  
Concen: 40.397 ng  
RT: 6.90 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 88.6  | 71.0  | 111.0  |
| 77      | 30.9  | 90.5  | 130.5# |
| 79      | 26.5  | 8.4   | 48.4   |





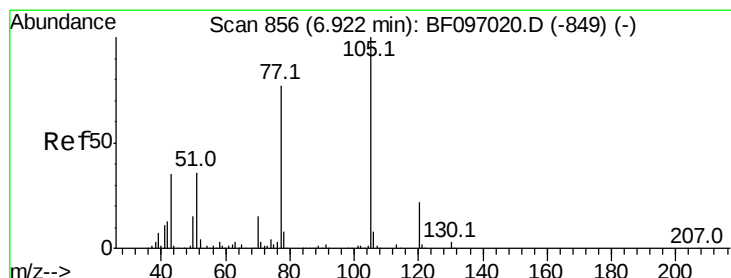
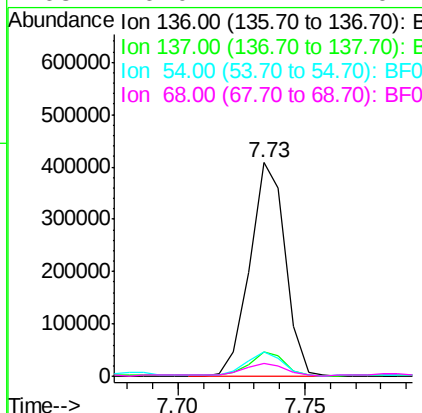
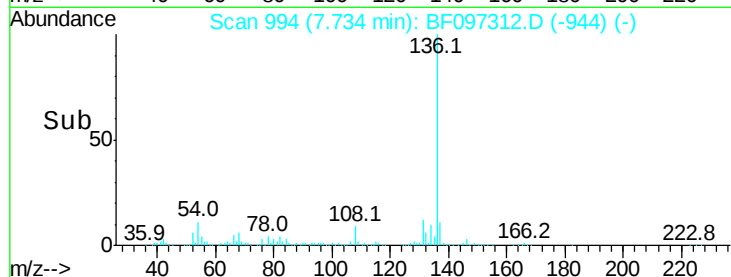
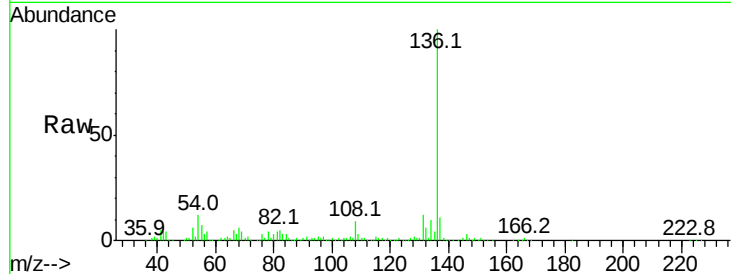
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.73 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 395426 |       |       |
| 137     | 11.2  | 8.5    | 12.7  |       |
| 54      | 11.7  | 4.9    | 7.3#  |       |
| 68      | 6.0   | 4.1    | 6.1   |       |

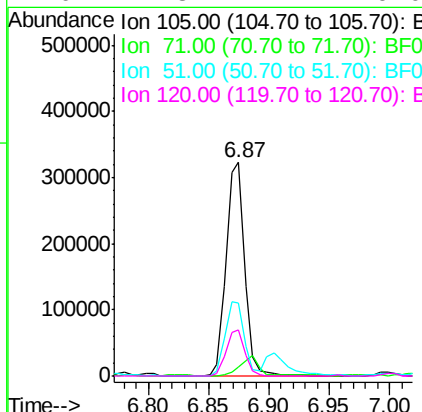
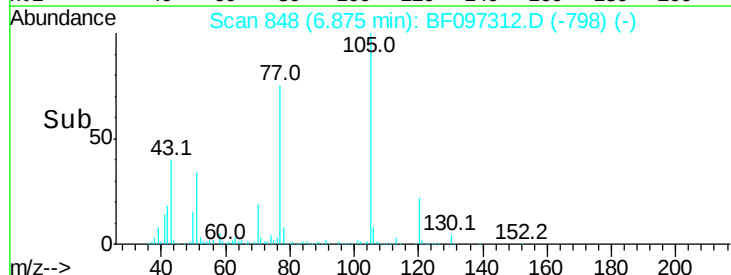
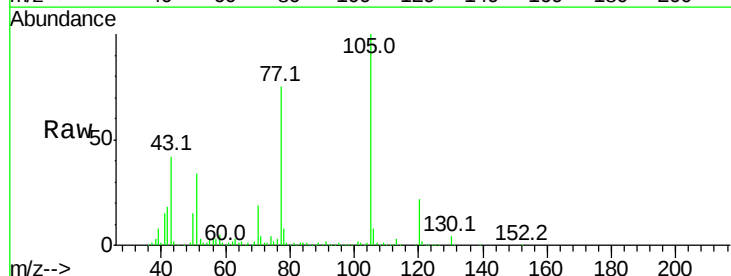
Manual Integrations  
APPROVED

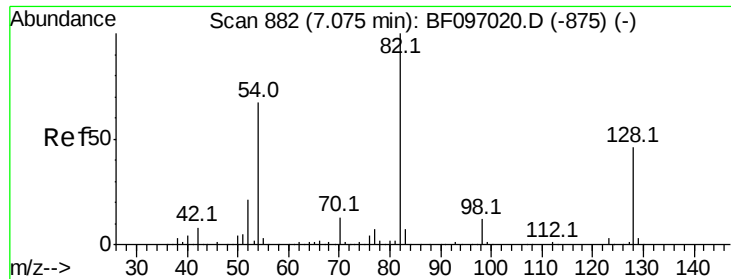
Sohil  
8/3/2017 6:08:40 PM



#22  
Acetophenone  
Concen: 36.350 ng  
RT: 6.87 min Scan# 848  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 345177 |       |       |
| 71      | 3.9   | 2.8    | 4.2   |       |
| 51      | 34.5  | 30.7   | 46.1  |       |
| 120     | 21.8  | 17.4   | 26.0  |       |





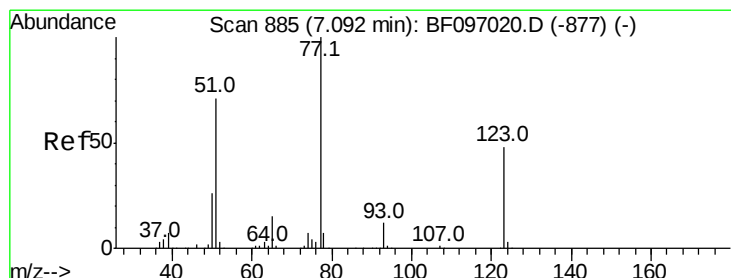
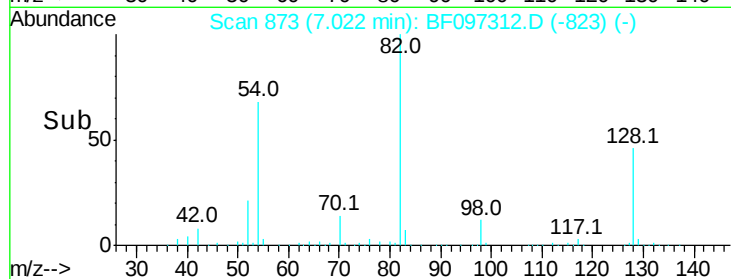
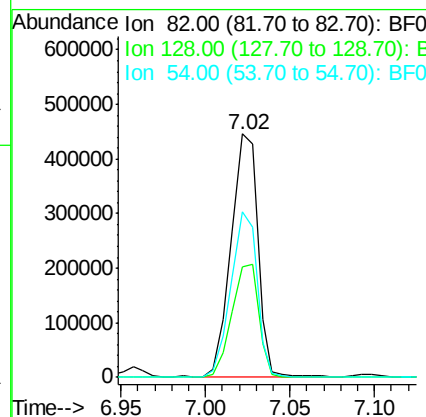
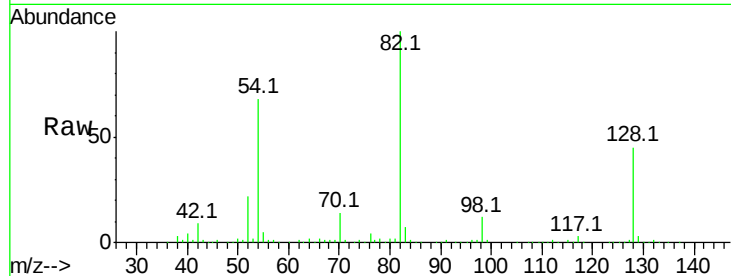
#23  
 Nitrobenzene-d5  
 Concen: 72.312 ng  
 RT: 7.02 min Scan# 873  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.5  | 34.0  | 51.0  |
| 54      | 68.0  | 42.2  | 63.2# |

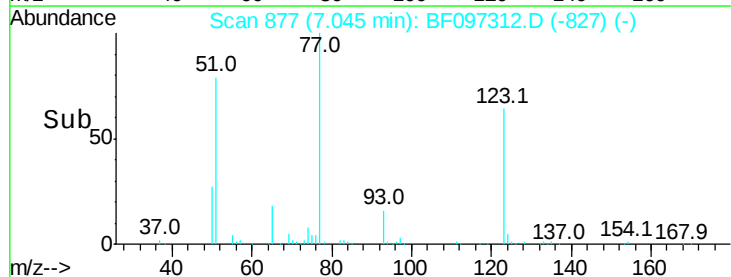
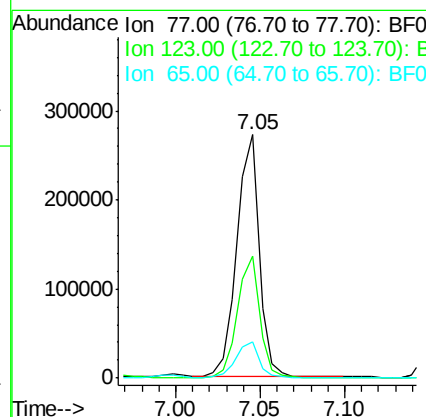
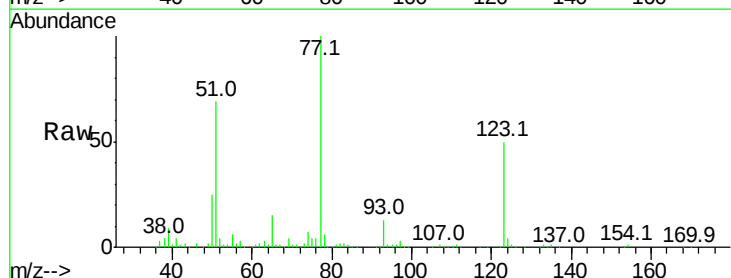
Manual Integrations  
 APPROVED

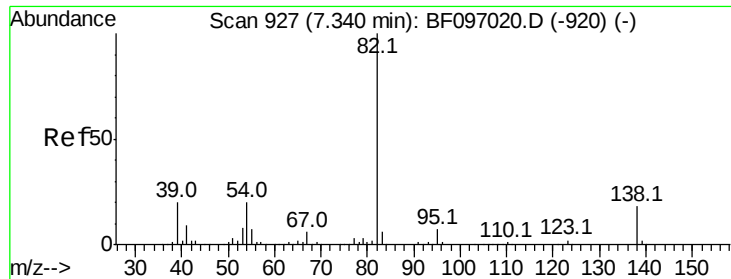
Sohil  
 8/3/2017 6:08:40 PM



#24  
 Nitrobenzene  
 Concen: 35.681 ng  
 RT: 7.05 min Scan# 877  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.2  | 35.8  | 53.8  |
| 65      | 14.8  | 10.6  | 15.8  |





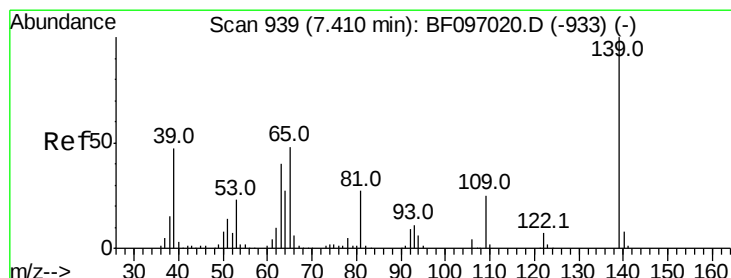
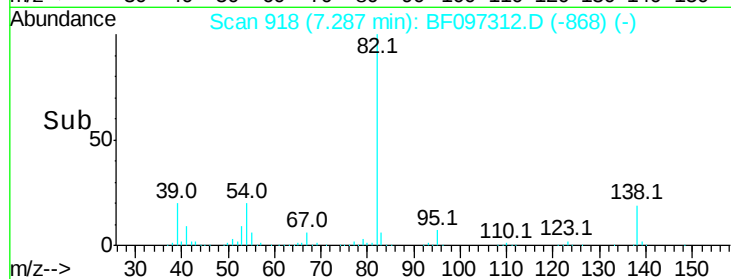
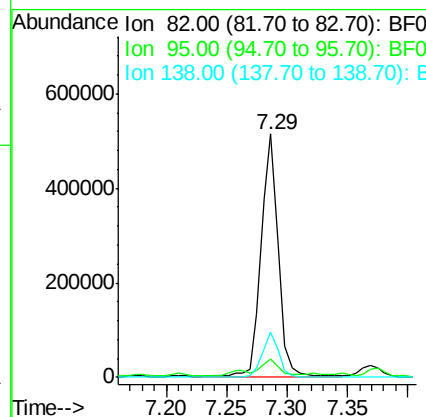
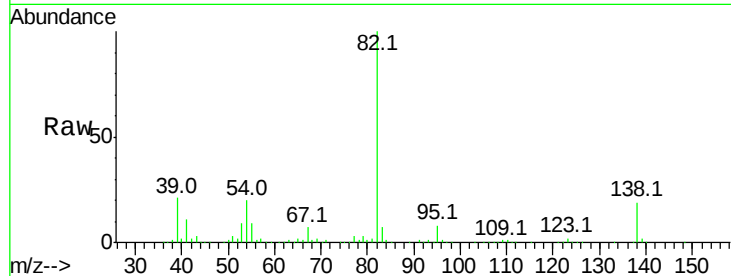
#25  
Isophorone  
Concen: 38.388 ng  
RT: 7.29 min Scan# 918  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 7.6   | 5.3  | 7.9   |       |
| 138     | 18.6  | 13.1 | 19.7  |       |

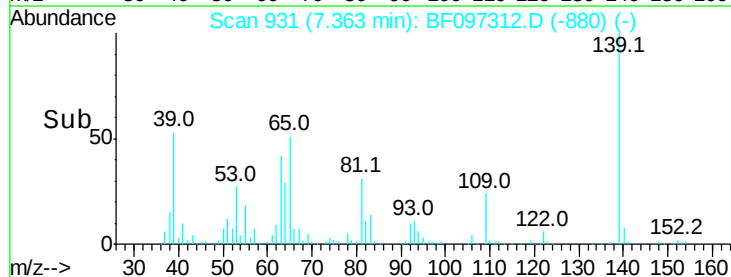
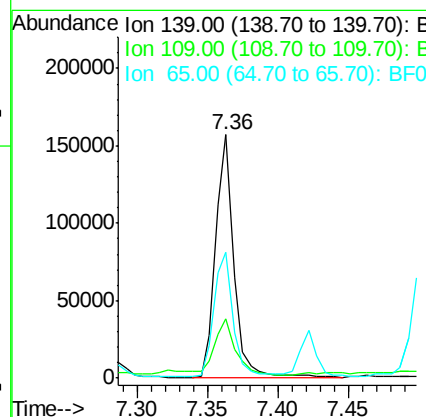
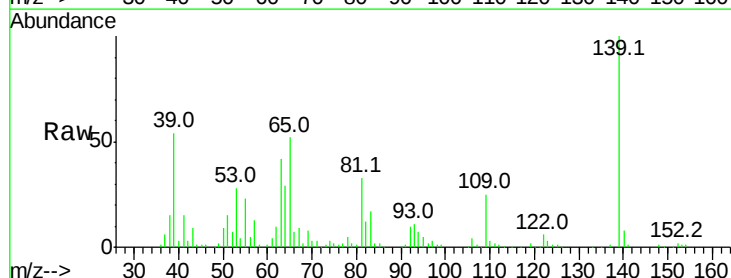
Manual Integrations  
APPROVED

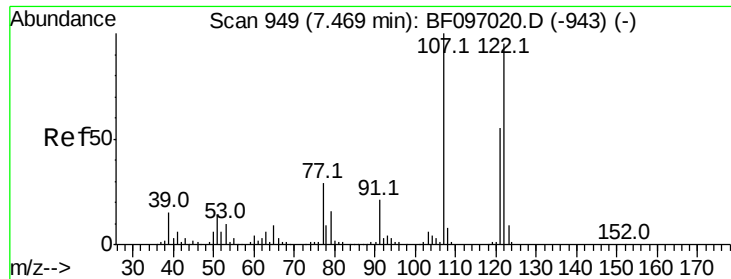
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#26  
2-Nitrophenol  
Concen: 37.957 ng  
RT: 7.36 min Scan# 931  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 24.6  | 21.0 | 31.6  |       |
| 65      | 51.9  | 33.0 | 49.6  |       |





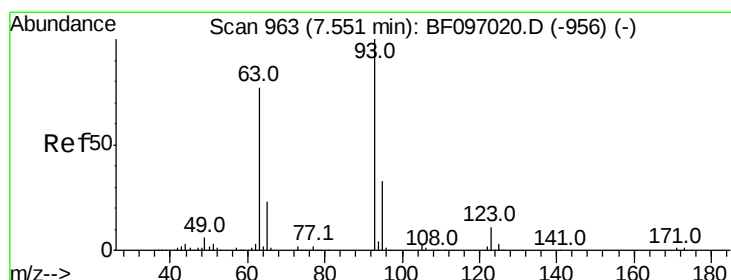
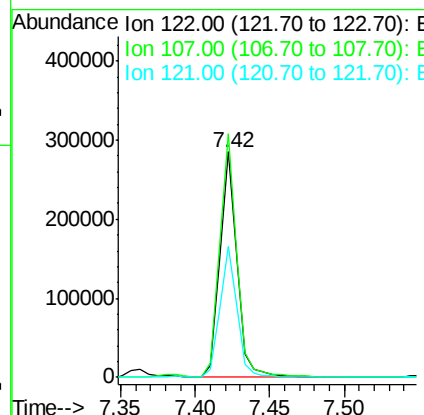
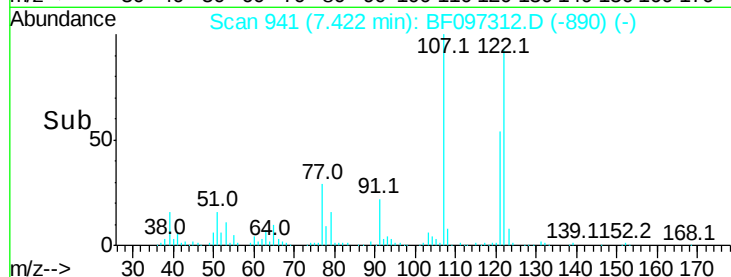
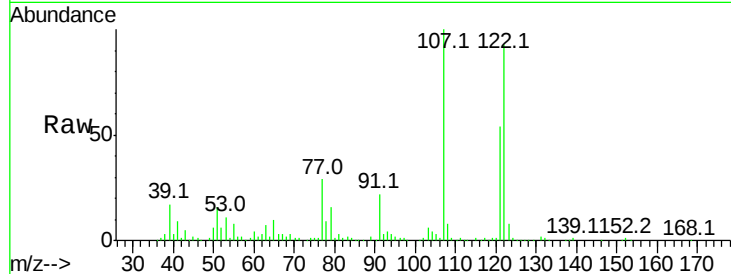
#27  
 2,4-Dimethylphenol  
 Concen: 36.649 ng  
 RT: 7.42 min Scan# 941  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 229610 |       |       |
| 107     | 108.0 | 89.2  | 133.8  |       |       |
| 121     | 58.1  | 45.2  | 67.8   |       |       |

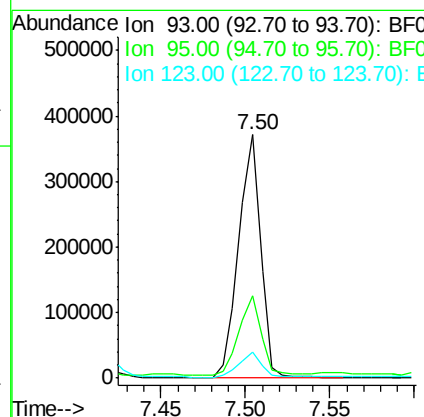
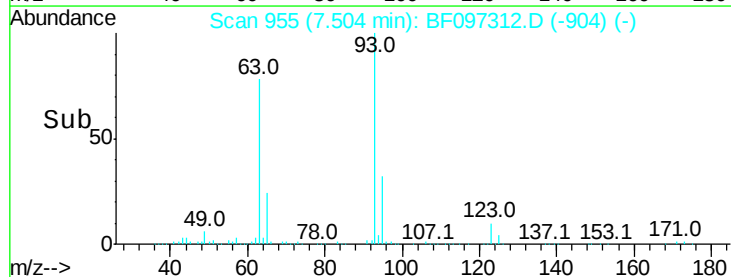
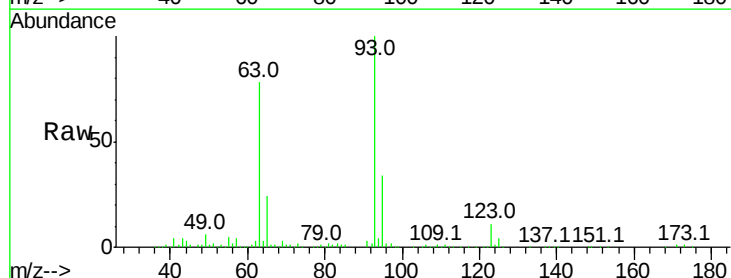
Manual Integrations  
 APPROVED

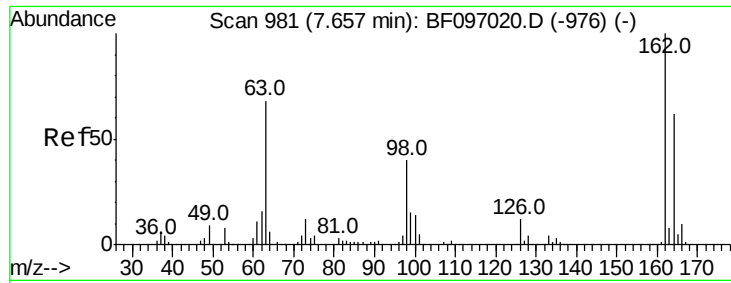
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.101 ng  
 RT: 7.50 min Scan# 955  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 336831 |       |       |
| 95      | 33.8 | 26.5  | 39.7   |       |       |
| 123     | 10.6 | 9.0   | 13.4   |       |       |





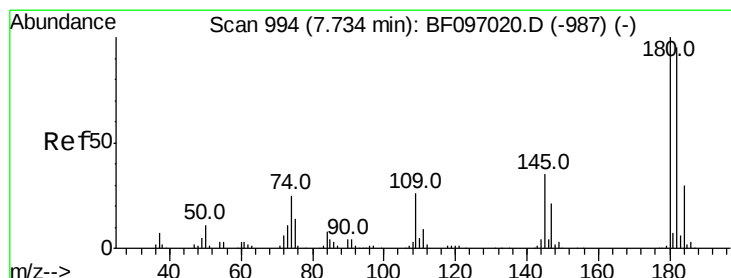
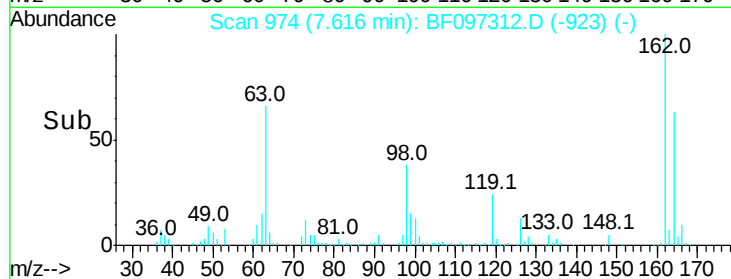
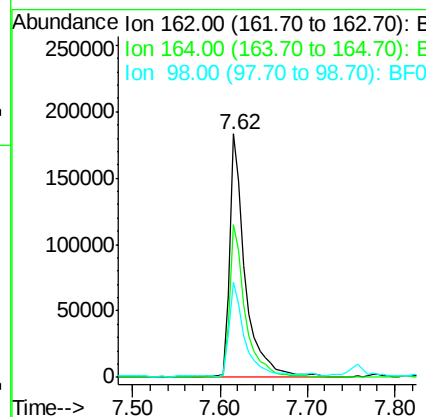
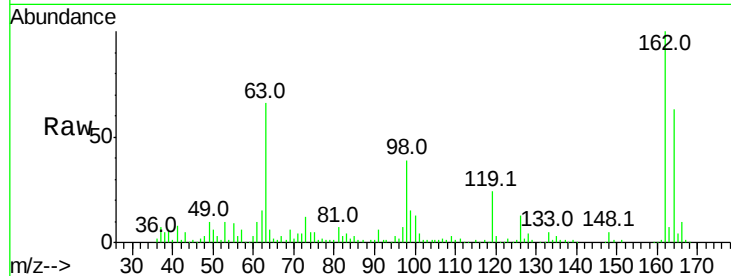
#29  
 2,4-Dichlorophenol  
 Concen: 41.718 ng  
 RT: 7.62 min Scan# 974  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 225166 |       |       |
| 164     | 63.0  | 44.6   | 84.6  |       |
| 98      | 39.1  | 14.8   | 54.8  |       |

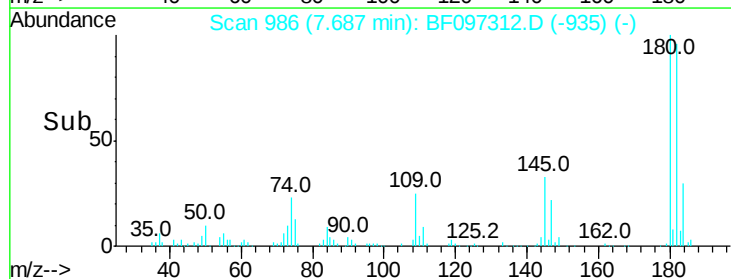
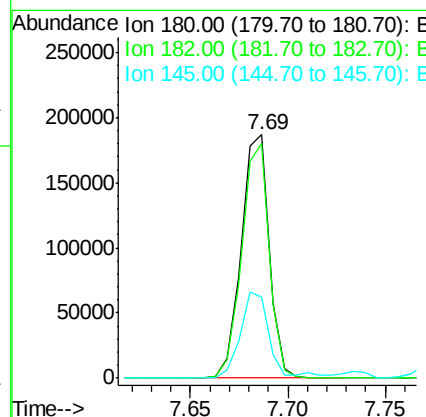
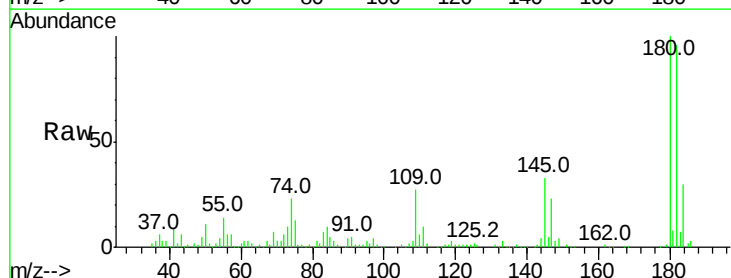
Manual Integrations  
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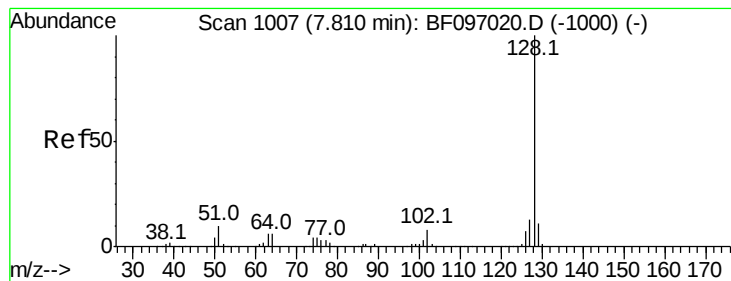
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.097 ng  
 RT: 7.69 min Scan# 986  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 185704 |       |       |
| 182     | 96.5  | 75.8   | 113.6 |       |
| 145     | 33.3  | 25.3   | 37.9  |       |





#31

Naphthalene

Concen: 37.981 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

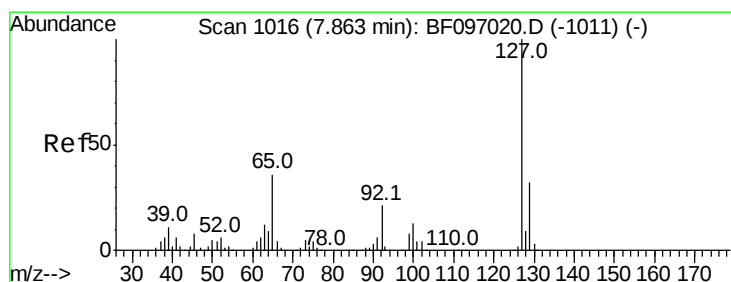
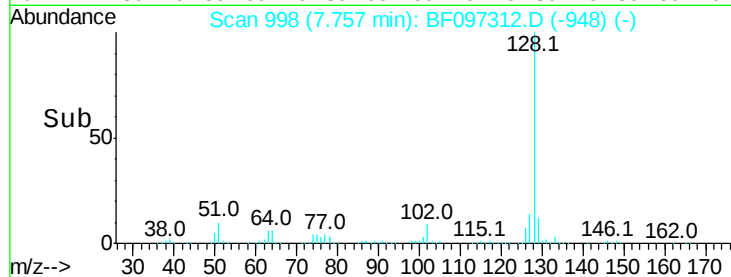
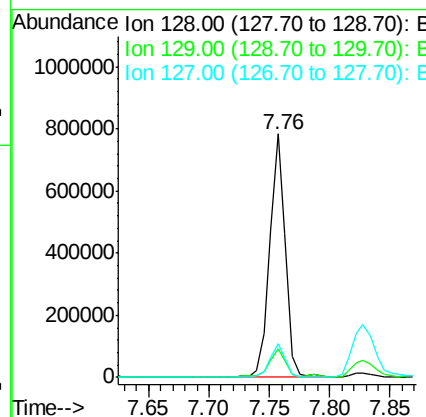
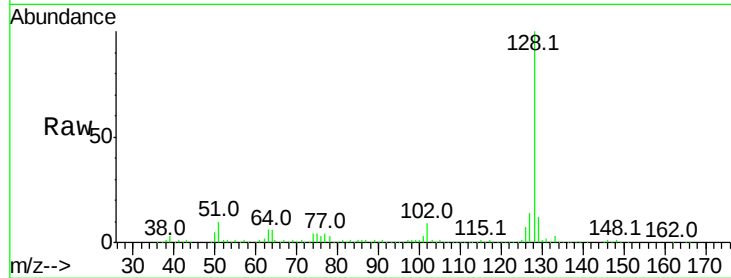
ClientSampleId :

E2-L6-NSWMSD

|             |       |        |
|-------------|-------|--------|
| Tot Ion:128 | Resp: | 707964 |
| Ion Ratio   | Lower | Upper  |
| 128 100     |       |        |
| 129 11.7    | 9.0   | 13.6   |
| 127 13.9    | 10.8  | 16.2   |

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#33

4-Chloroaniline

Concen: 29.703 ng

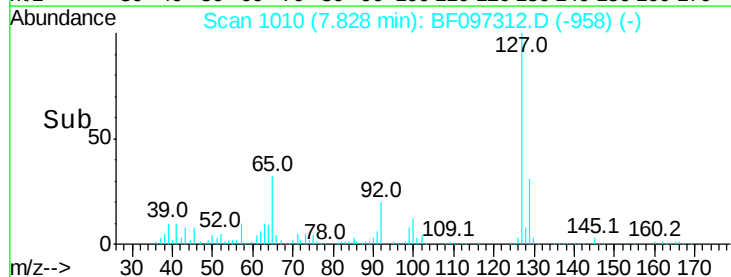
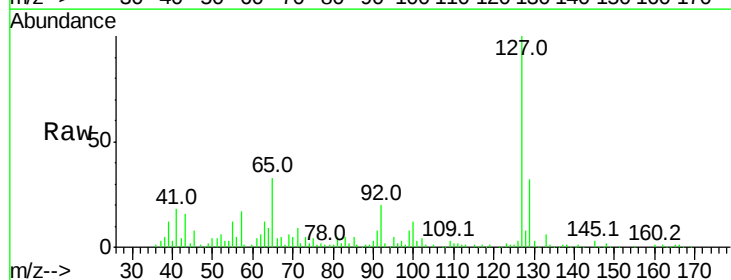
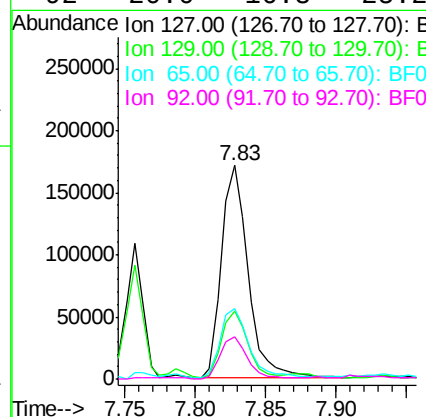
RT: 7.83 min Scan# 1010

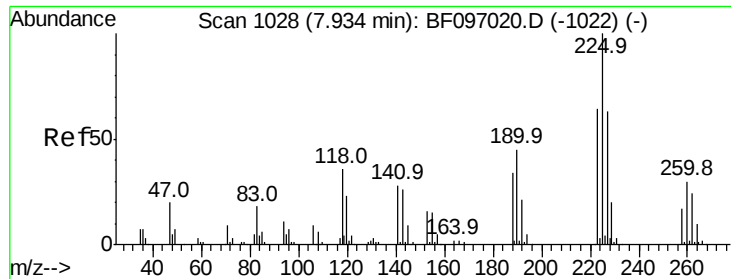
Delta R.T. 0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:127 | Resp: | 225280 |
| Ion Ratio   | Lower | Upper  |
| 127 100     |       |        |
| 129 31.6    | 26.2  | 39.2   |
| 65 33.1     | 27.8  | 41.8   |
| 92 20.0     | 16.8  | 25.2   |





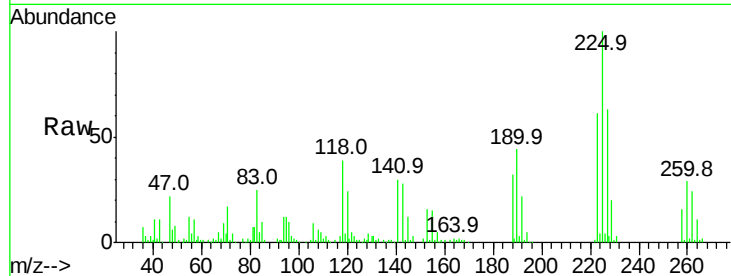
#34  
 Hexachlorobutadiene  
 Concen: 35.036 ng  
 RT: 7.88 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

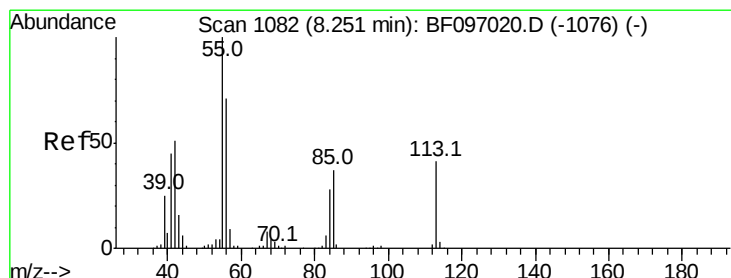
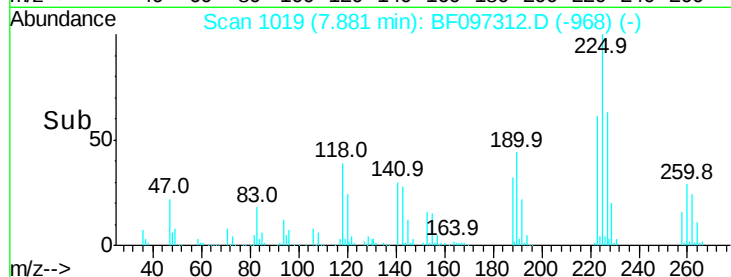
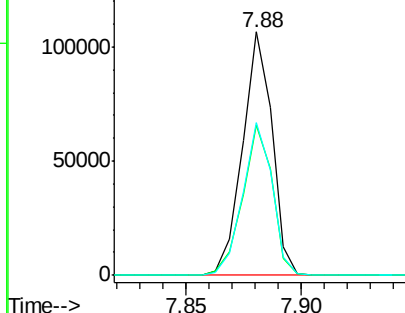
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 95556 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.4  | 48.8  | 73.2  |
| 227       | 62.9  | 51.1  | 76.7  |

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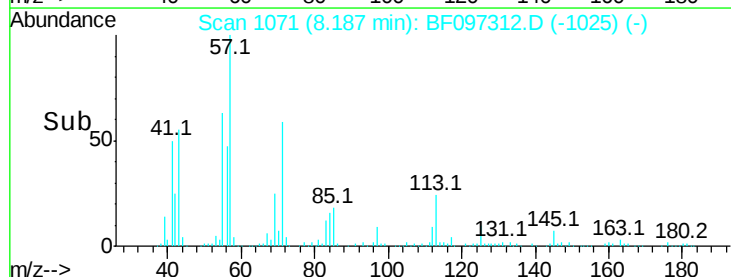
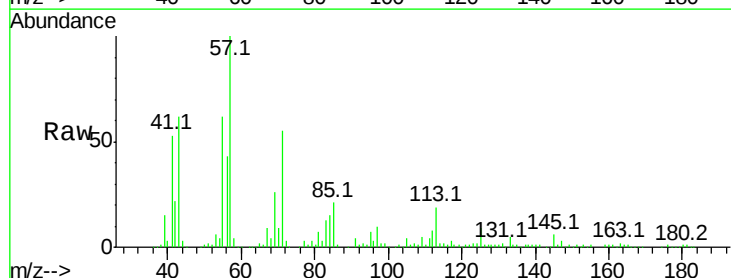
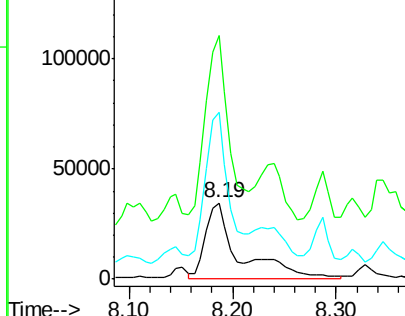
Abundance Ion 225.00 (224.70 to 225.70): E  
 Ion 223.00 (222.70 to 223.70): E  
 Ion 227.00 (226.70 to 227.70): E

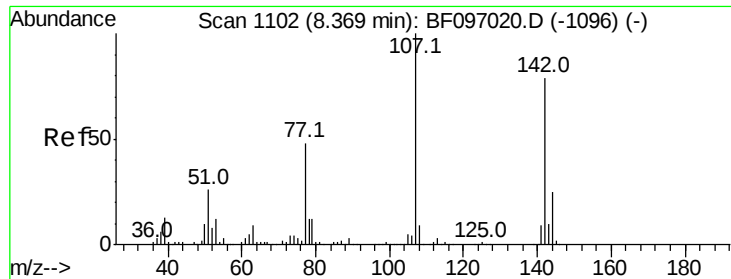


#35  
 Caprolactam  
 Concen: 46.810 ng m  
 RT: 8.19 min Scan# 1071  
 Delta R.T. -0.03 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 81014  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 320.7 | 150.2 | 190.2# |
| 56        | 219.6 | 107.8 | 147.8# |

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





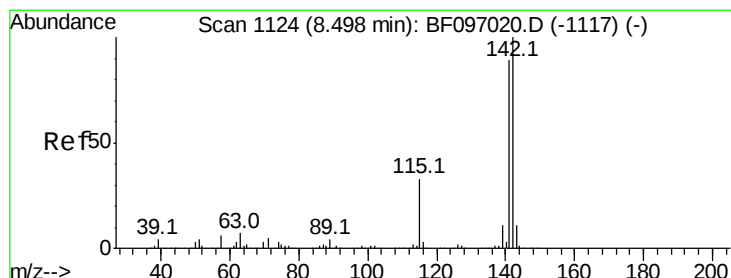
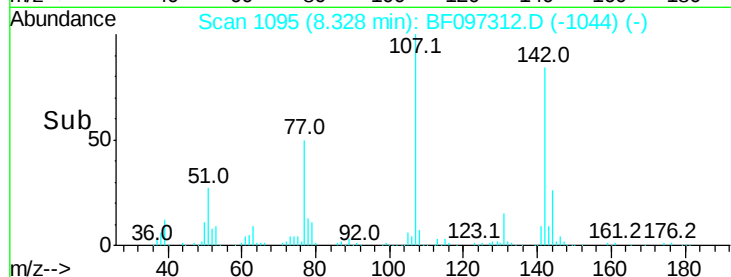
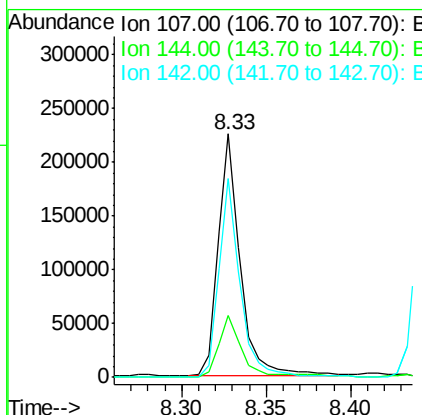
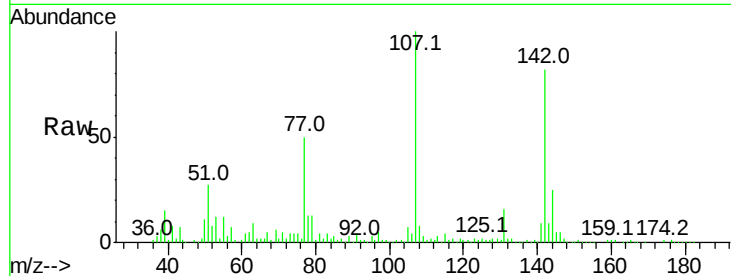
#36  
 4-Chloro-3-methylphenol  
 Concen: 34.607 ng  
 RT: 8.33 min Scan# 1095  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.3  | 24.2  | 36.4  |
| 142     | 81.9  | 73.4  | 110.0 |

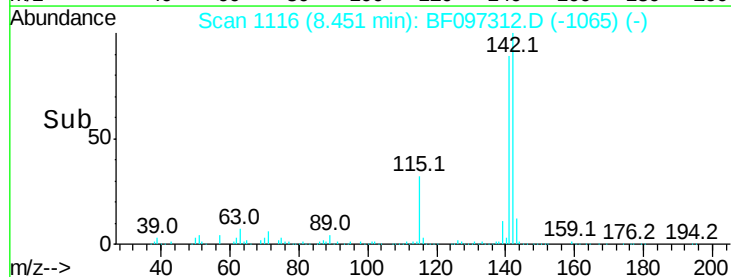
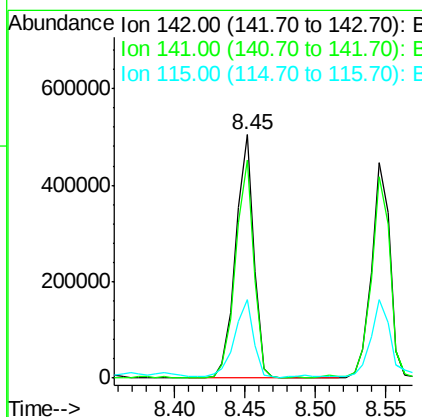
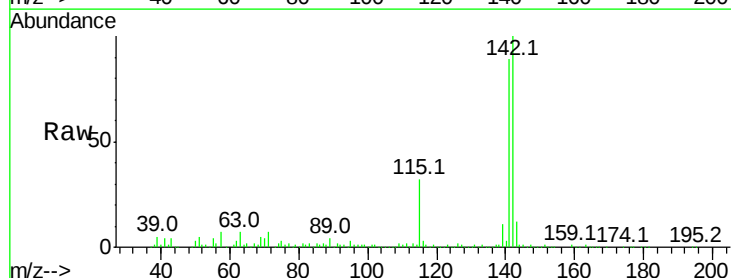
Manual Integrations  
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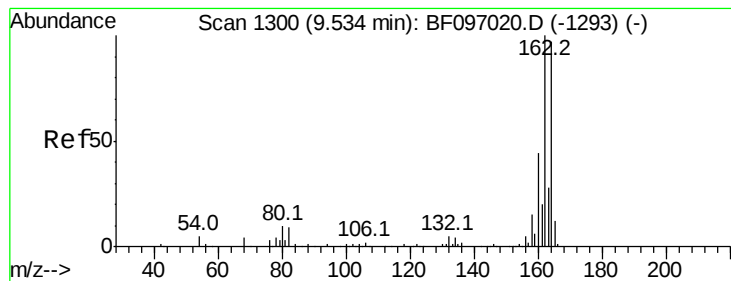
Sohil  
 8/3/2017 6:08:40 PM



#37  
 2-Methylnaphthalene  
 Concen: 38.192 ng  
 RT: 8.45 min Scan# 1116  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.3  | 106.9 |
| 115     | 32.5  | 27.1  | 40.7  |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.48 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

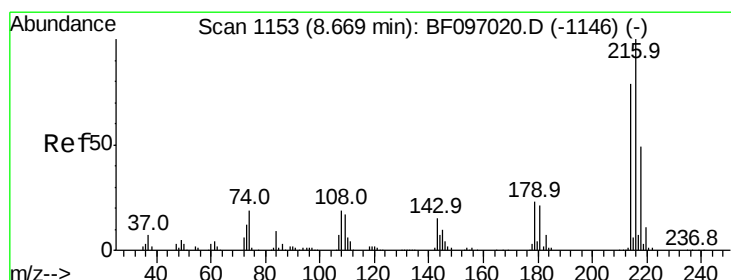
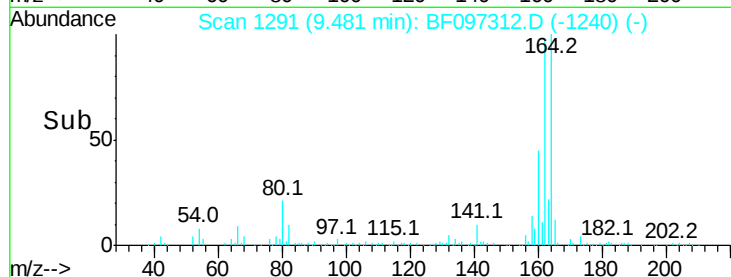
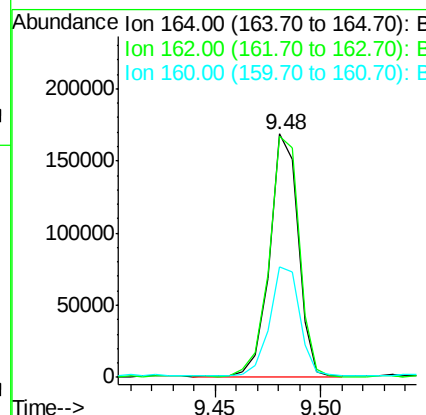
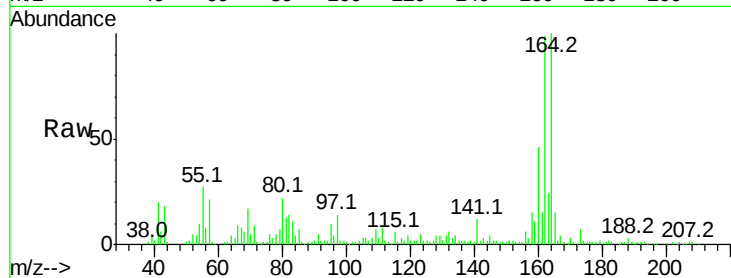
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 157711 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.8  | 82.6  | 123.8  |
| 160       | 45.6  | 36.2  | 54.2   |

Manual Integrations  
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.684 ng

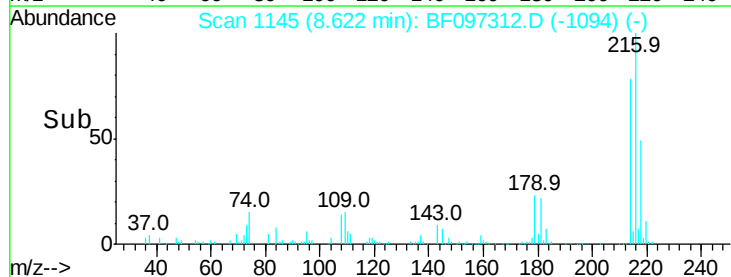
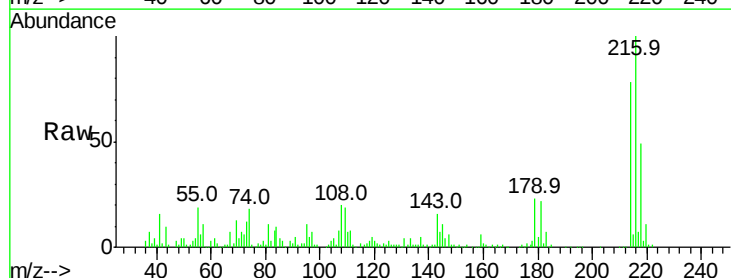
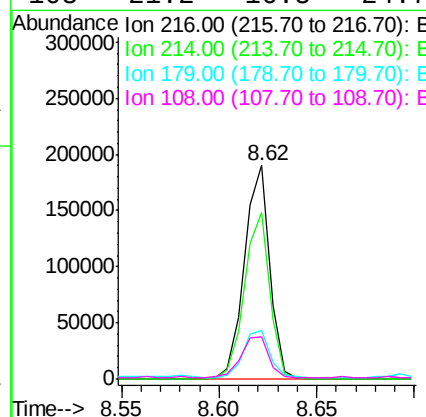
RT: 8.62 min Scan# 1145

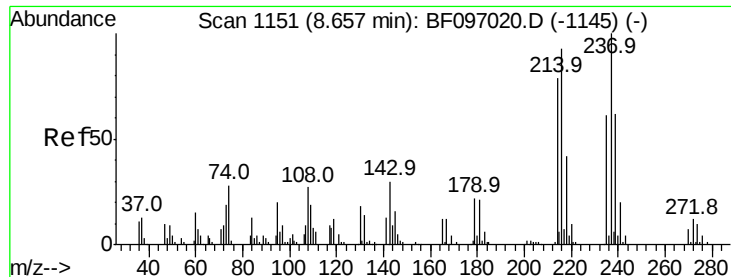
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 171203 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.9  | 63.4  | 95.2   |
| 179       | 24.1  | 17.9  | 26.9   |
| 108       | 21.2  | 16.5  | 24.7   |





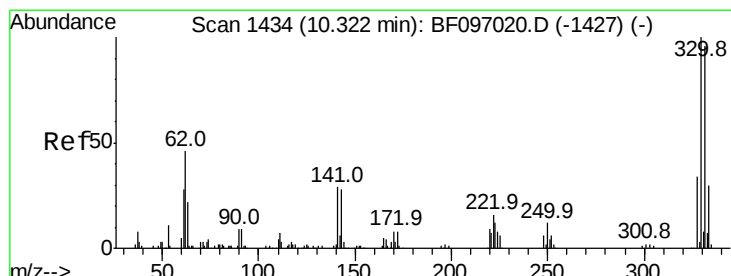
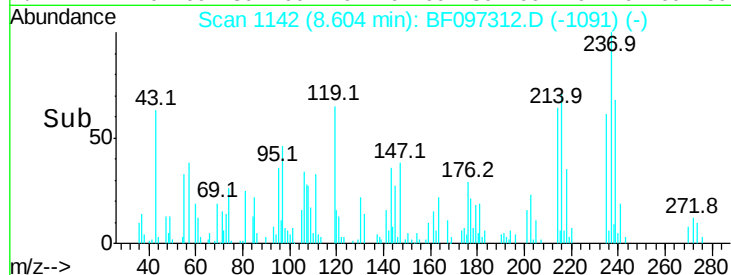
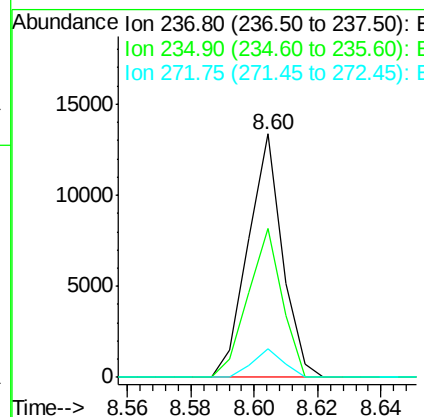
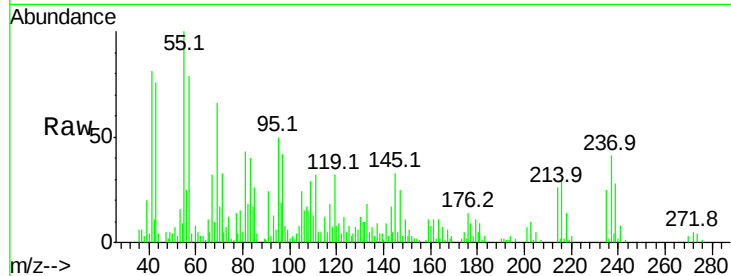
#40  
Hexachlorocyclopentadiene  
Concen: 12.831 ng  
RT: 8.60 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 61.2  | 42.6 | 82.6  |       |
| 272     | 11.9  | 0.0  | 31.9  |       |

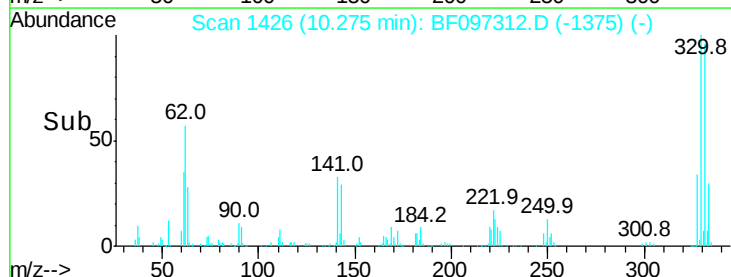
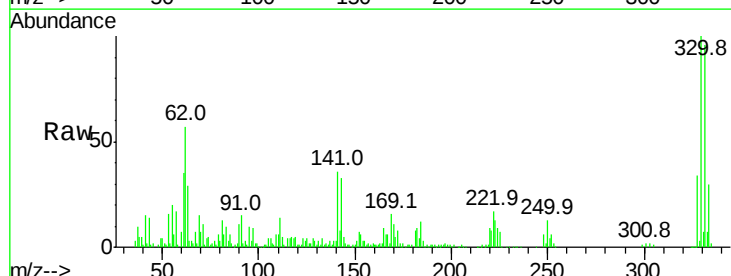
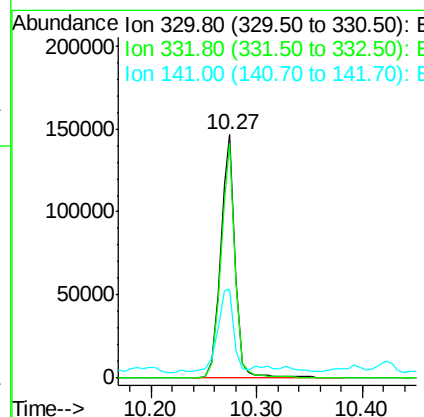
Manual Integrations  
APPROVED

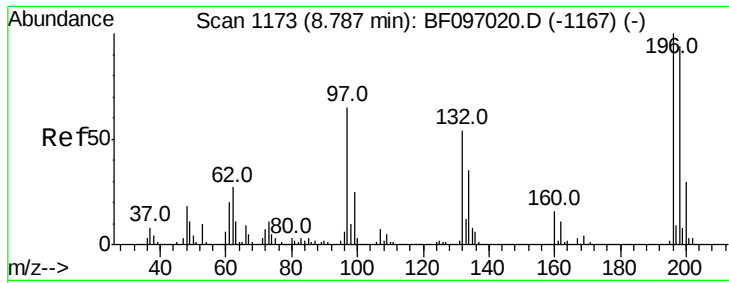
Sohil  
8/3/2017 6:08:40 PM



#41  
2,4,6-Tribromophenol  
Concen: 114.874 ng  
RT: 10.27 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 94.9  | 76.6 | 115.0 |       |
| 141     | 38.8  | 31.4 | 47.2  |       |





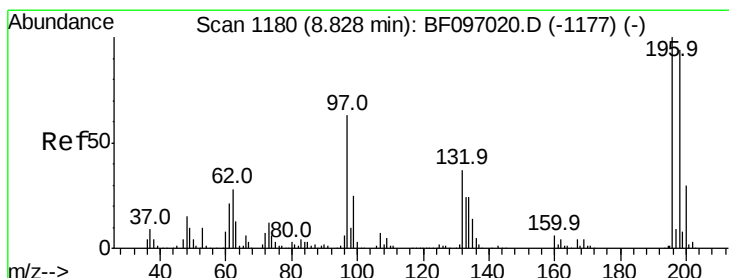
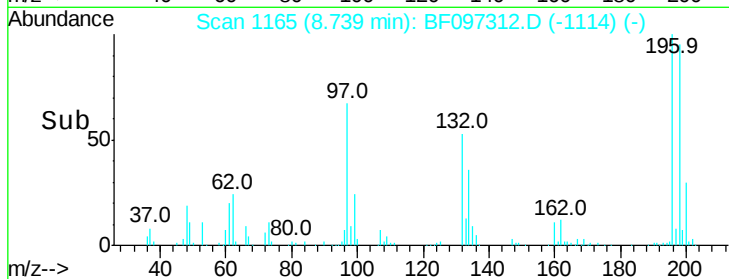
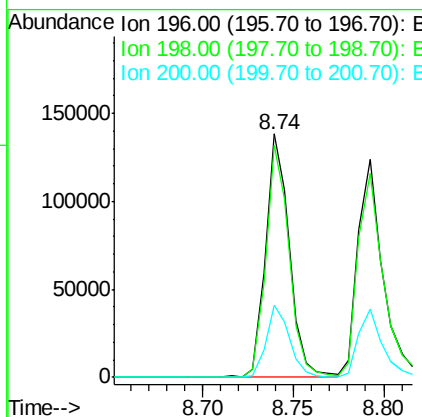
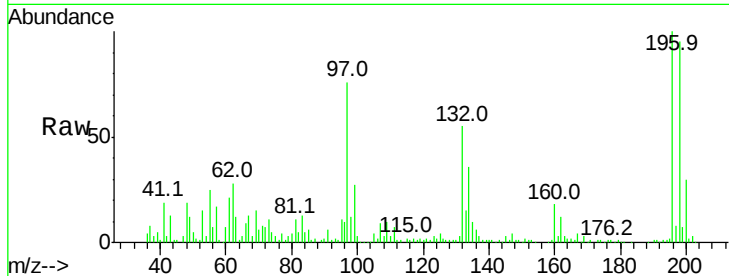
#42  
 2,4,6-Trichlorophenol  
 Concen: 41.338 ng  
 RT: 8.74 min Scan# 1165  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 126060 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.2  | 74.2  | 111.4  |
| 200       | 29.6  | 24.0  | 36.0   |

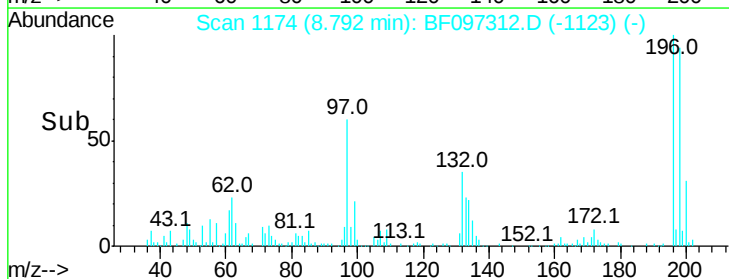
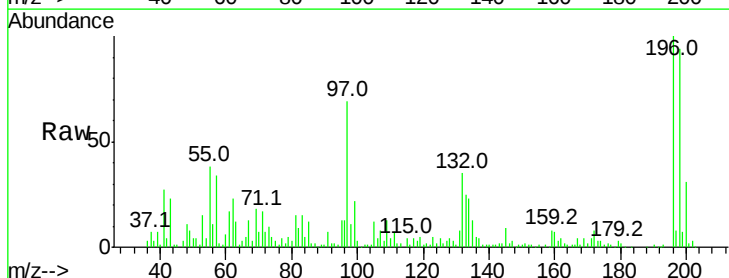
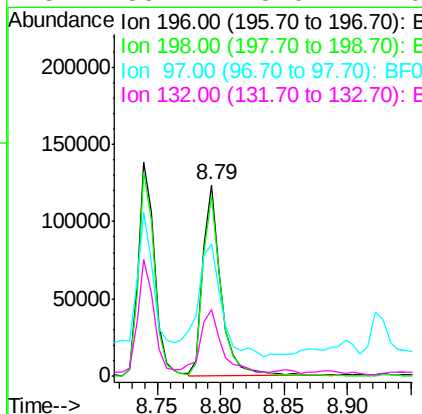
Manual Integrations  
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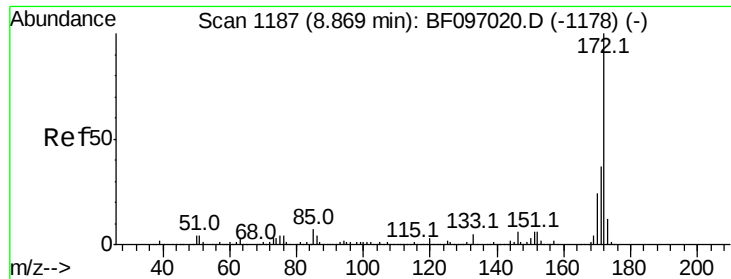
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 8/3/2017 6:08:40 PM



#43  
 2,4,5-Trichlorophenol  
 Concen: 39.721 ng  
 RT: 8.79 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 121240 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.5  | 75.7  | 113.5  |
| 97        | 68.8  | 47.7  | 71.5   |
| 132       | 35.2  | 28.0  | 42.0   |





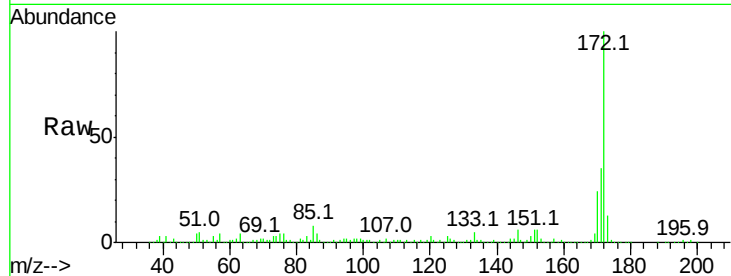
#44  
2-Fluorobiphenyl  
Concen: 80.646 ng  
RT: 8.82 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 35.0  | 29.6 | 44.4  |       |
| 170     | 24.0  | 19.8 | 29.8  |       |

Manual Integrations  
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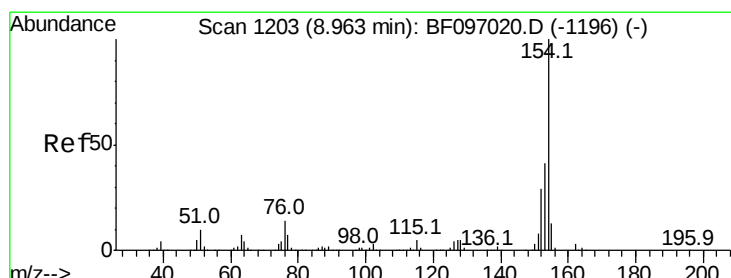
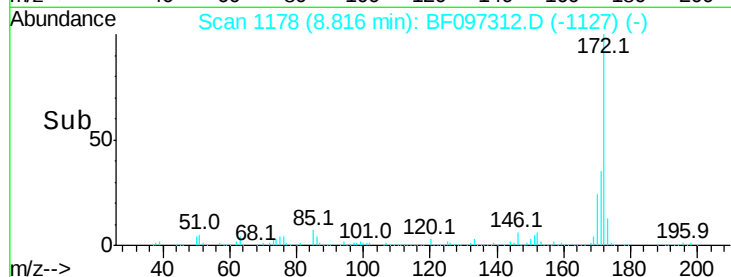
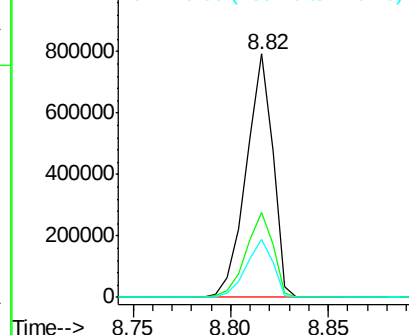


Abundance

Ion 172.00 (171.70 to 172.70): E

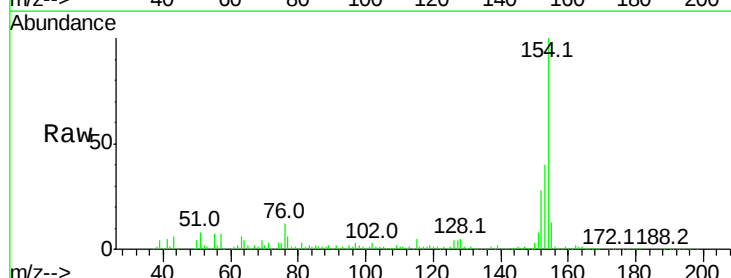
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45  
1,1'-Biphenyl  
Concen: 36.215 ng  
RT: 8.92 min Scan# 1195  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 39.8  | 21.2 | 61.2  |       |
| 76      | 11.6  | 0.0  | 29.9  |       |

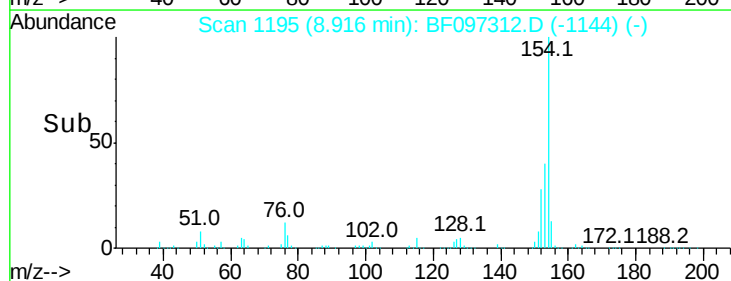
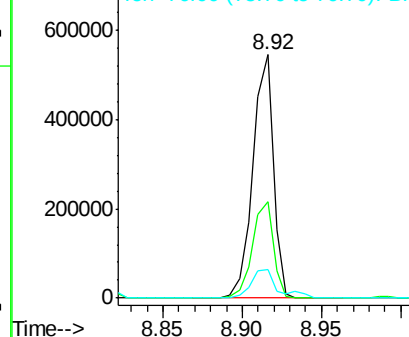


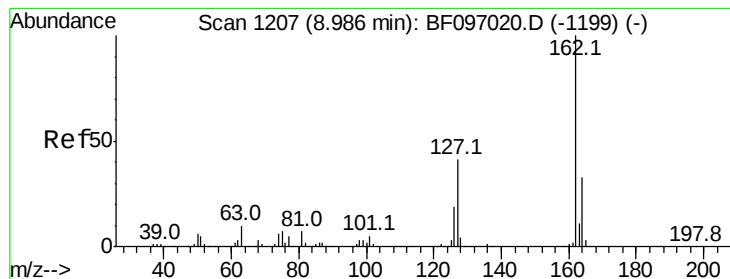
Abundance

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





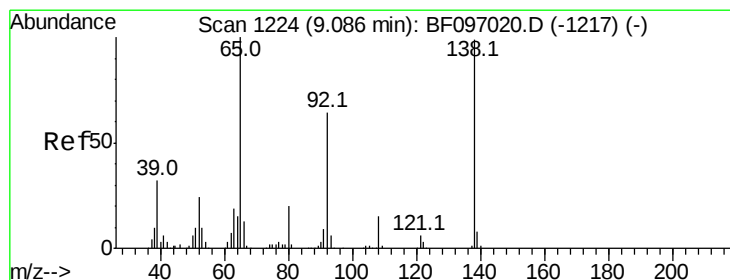
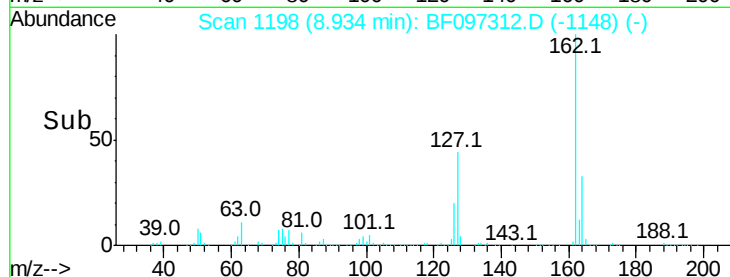
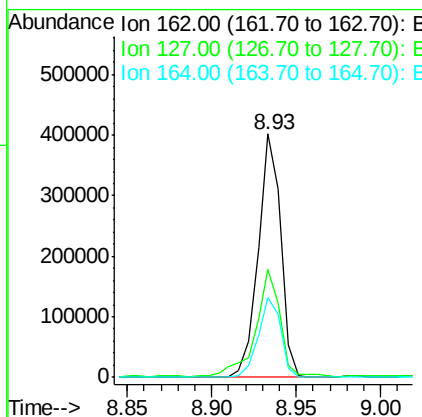
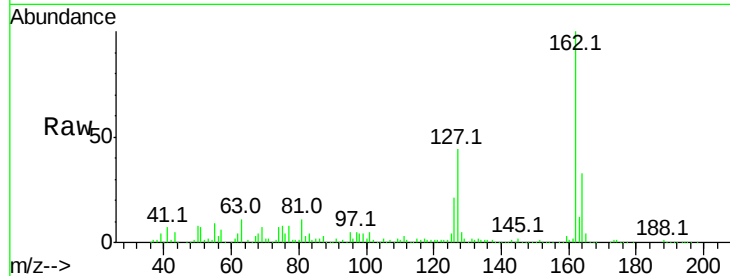
#46  
 2-Chloronaphthalene  
 Concen: 37.798 ng  
 RT: 8.93 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 44.2  | 28.3 | 42.5# |       |
| 164     | 32.7  | 27.0 | 40.4  |       |

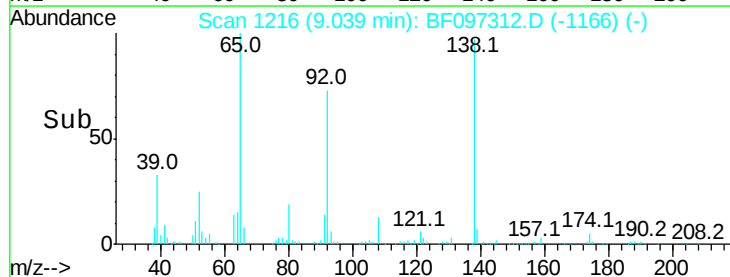
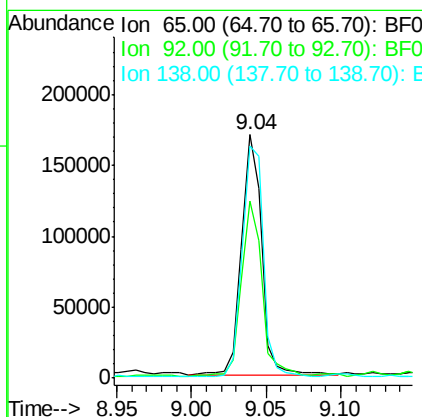
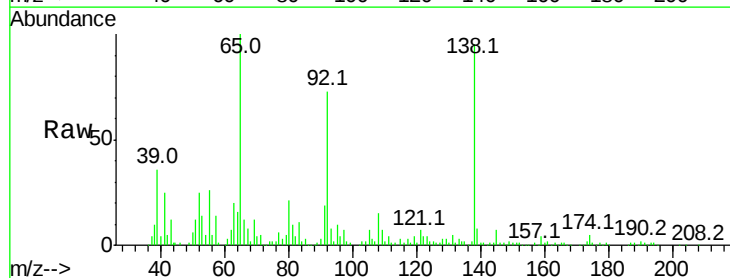
Manual Integrations  
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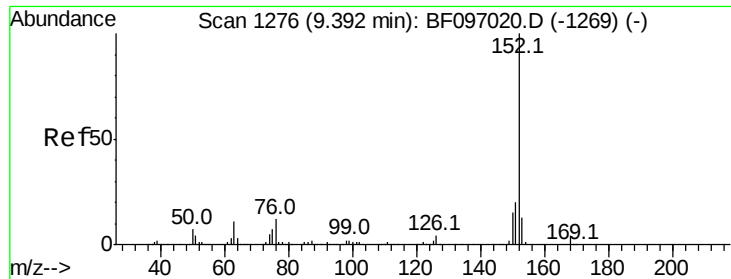
Sohil  
 8/3/2017 6:08:40 PM



#47  
 2-Nitroaniline  
 Concen: 43.974 ng  
 RT: 9.04 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 92      | 72.7  | 53.9 | 80.9  |       |
| 138     | 95.3  | 78.8 | 118.2 |       |





#48

Acenaphthylene

Concen: 34.691 ng

RT: 9.35 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

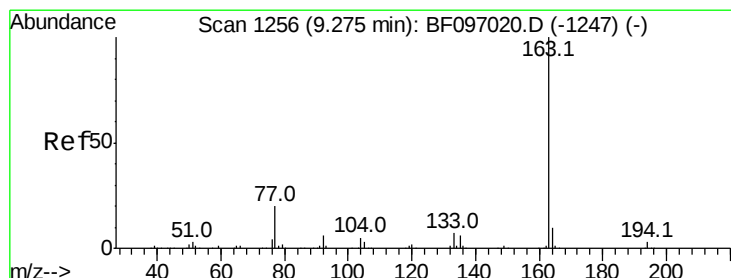
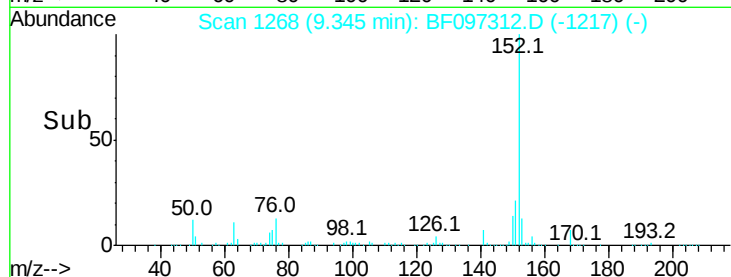
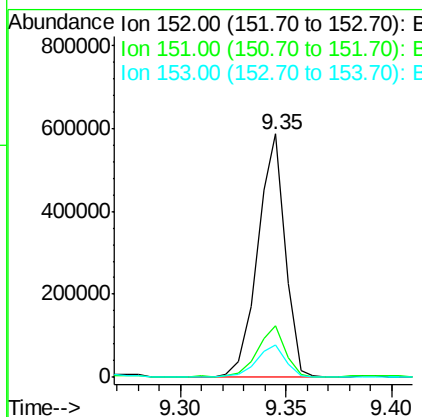
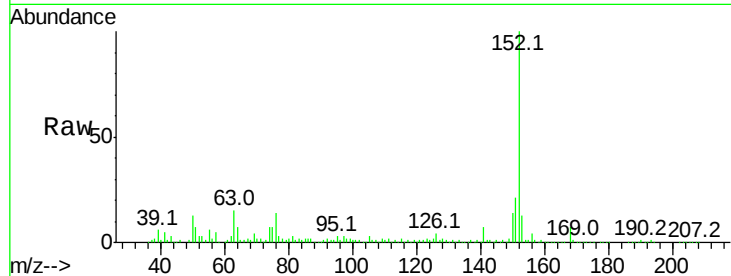
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 527837 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.2  | 16.8  | 25.2   |
| 153       | 13.4  | 10.8  | 16.2   |

Manual Integrations  
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#49

Dimethylphthalate

Concen: 54.754 ng

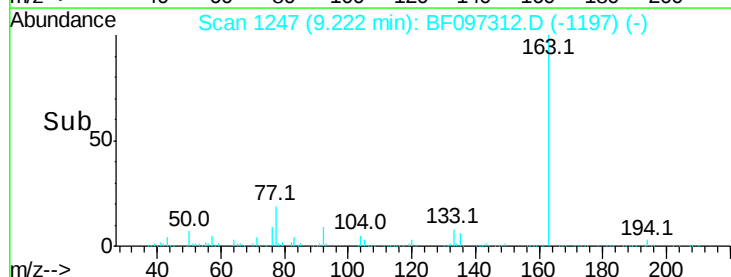
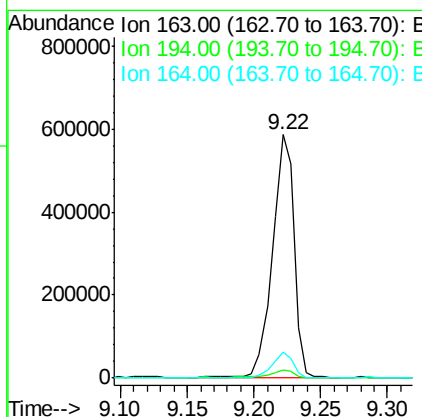
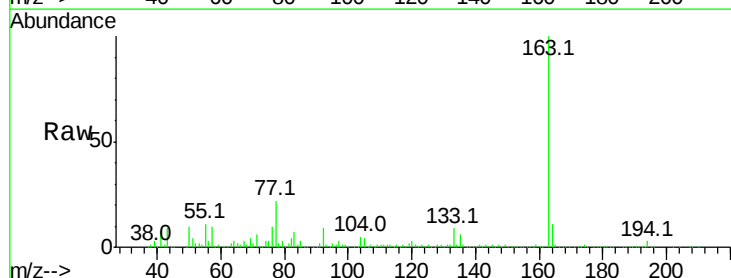
RT: 9.22 min Scan# 1247

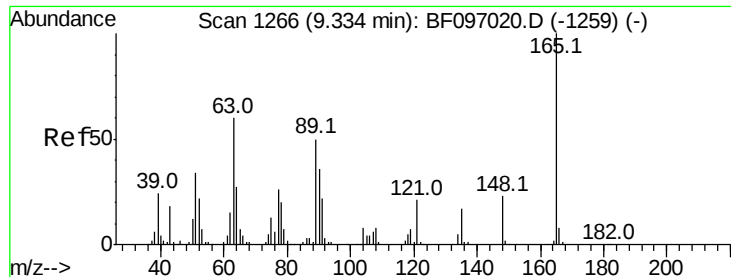
Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 655752 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.4   | 2.6   | 4.0    |
| 164       | 10.6  | 8.4   | 12.6   |





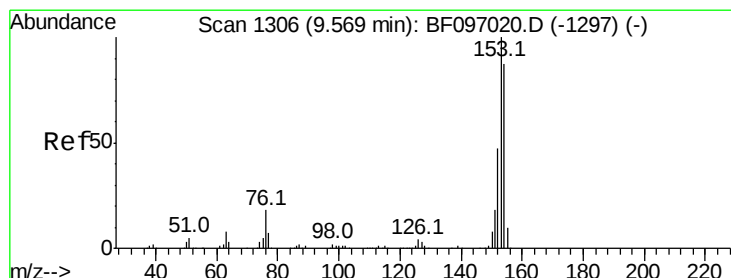
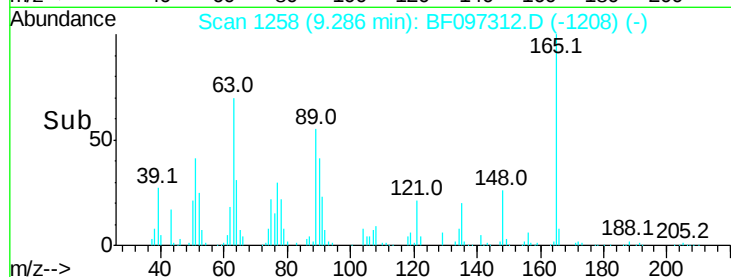
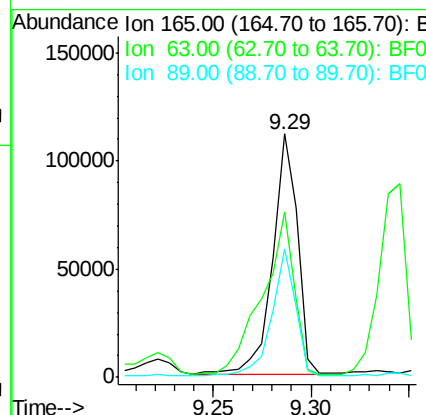
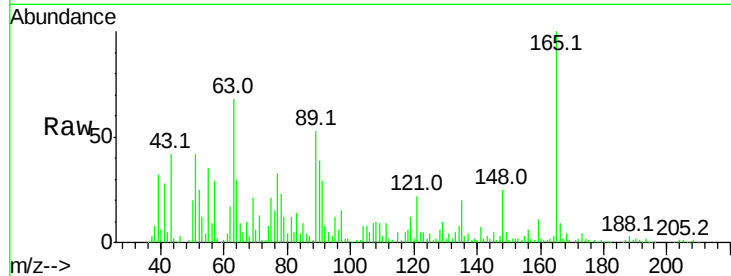
#50  
2,6-Dinitrotoluene  
Concen: 38.347 ng  
RT: 9.29 min Scan# 1258  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 68.2  | 34.3  | 51.5# |
| 89      | 52.8  | 37.1  | 55.7  |

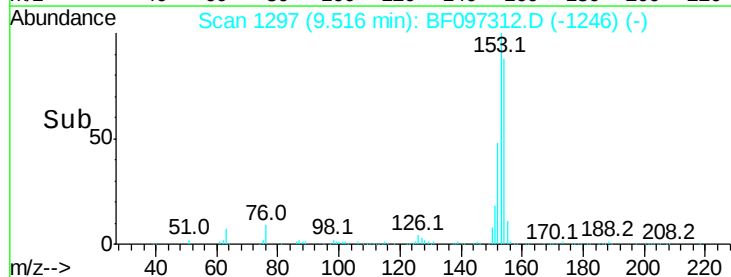
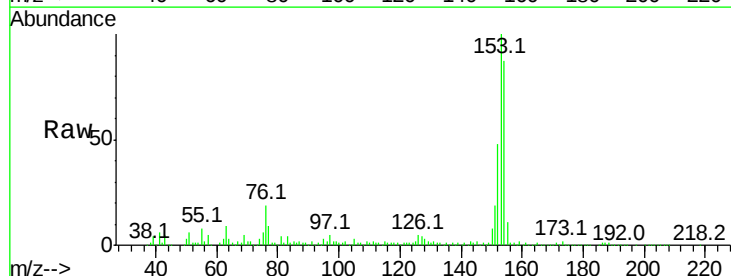
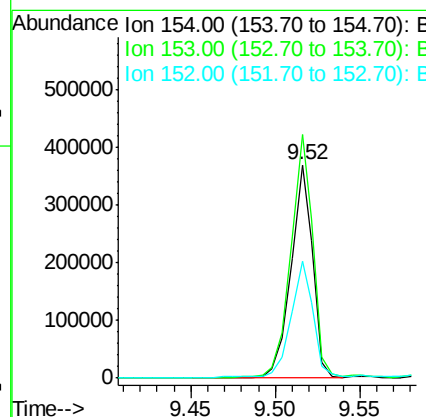
Manual Integrations  
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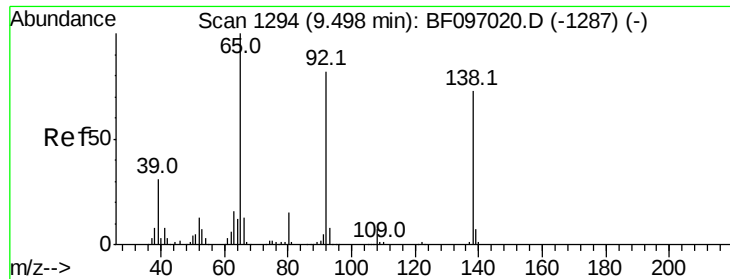
Sohil  
8/3/2017 6:08:40 PM



#51  
Acenaphthene  
Concen: 36.572 ng  
RT: 9.52 min Scan# 1297  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.4 | 90.5  | 135.7 |
| 152     | 55.0  | 43.6  | 65.4  |





#52

3-Nitroaniline

Concen: 32.800 ng

RT: 9.45 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

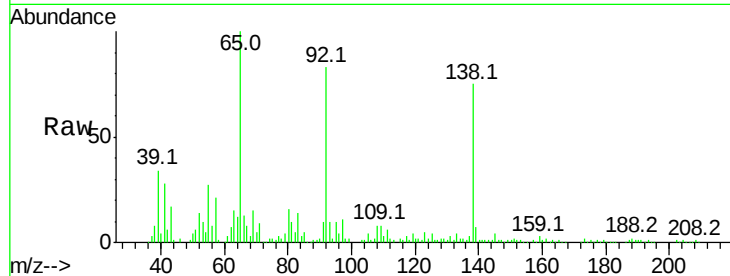
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 103415 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.2  | 9.1   | 13.7   |
| 92        | 110.6 | 93.8  | 140.6  |

Manual Integrations  
APPROVED

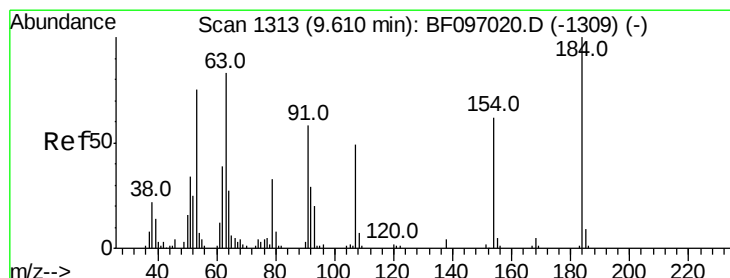
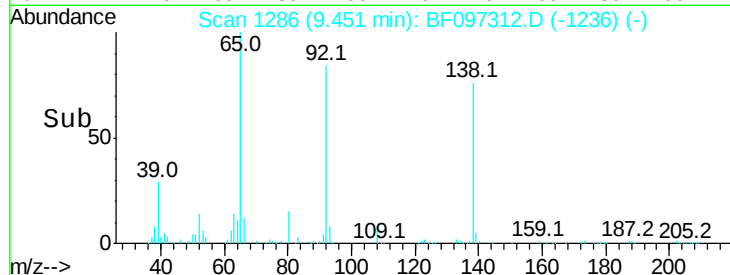
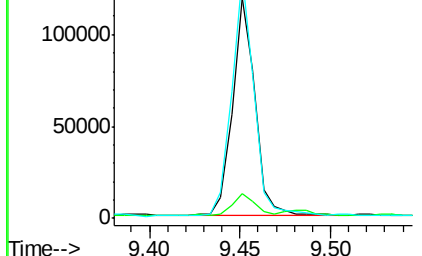
Sohil  
8/3/2017 6:08:40 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 3.710 ng

RT: 9.60 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BF097312.D

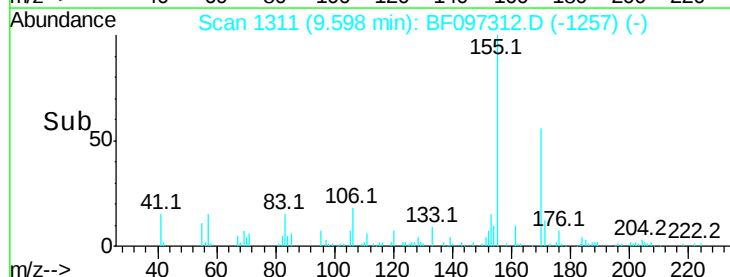
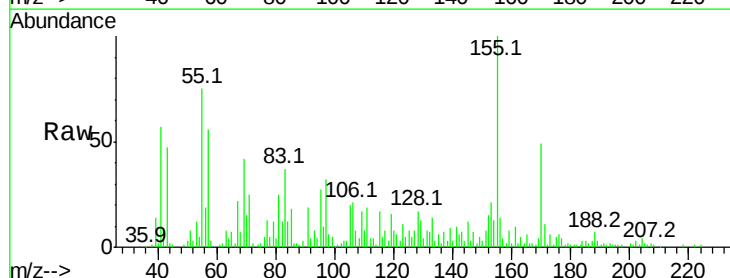
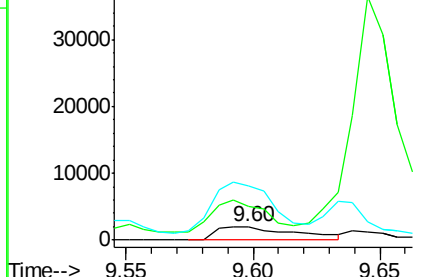
Acq: 3 Aug 2017 11:03

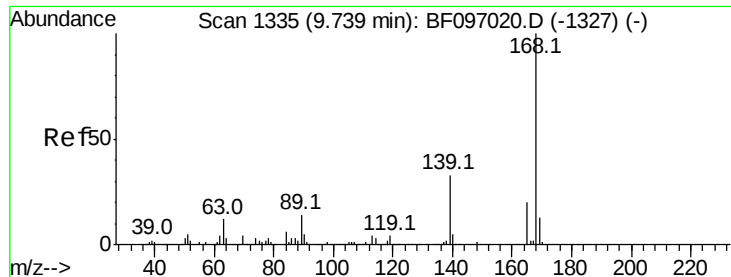
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 4285   |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 63        | 245.7 | 62.7  | 94.1#  |
| 154       | 396.0 | 81.1  | 121.7# |

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





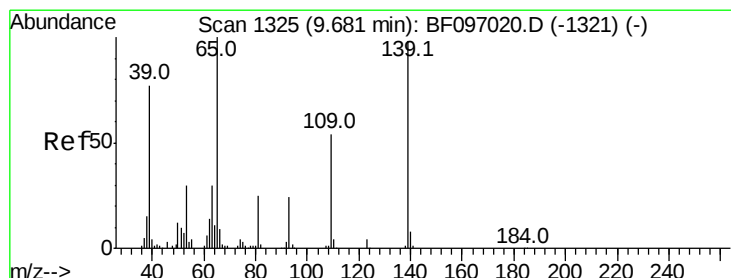
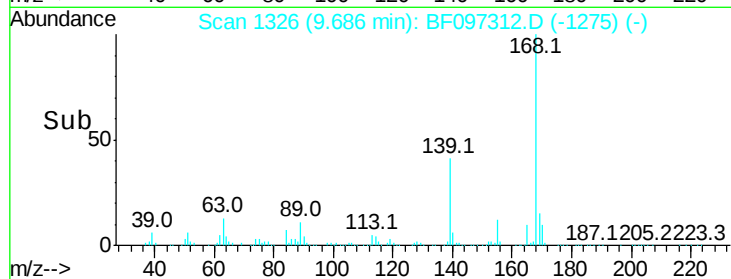
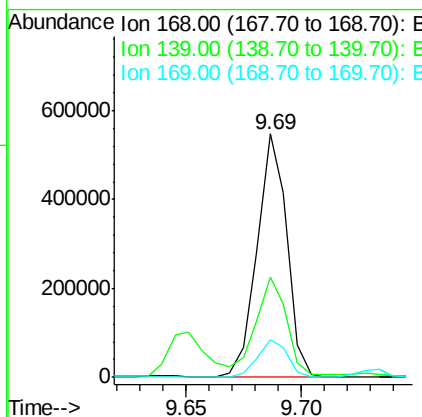
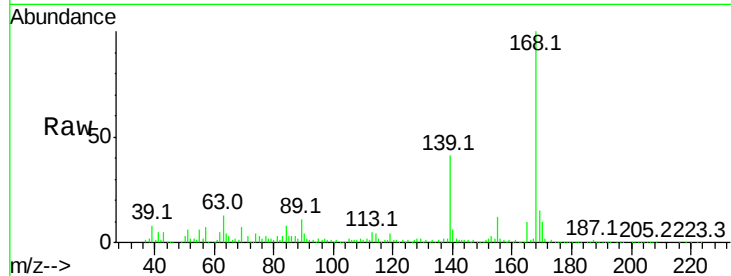
#54  
 Dibenzofuran  
 Concen: 41.207 ng  
 RT: 9.69 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 491919 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 41.0  | 30.6  | 45.8   |
| 169       | 15.5  | 10.8  | 16.2   |

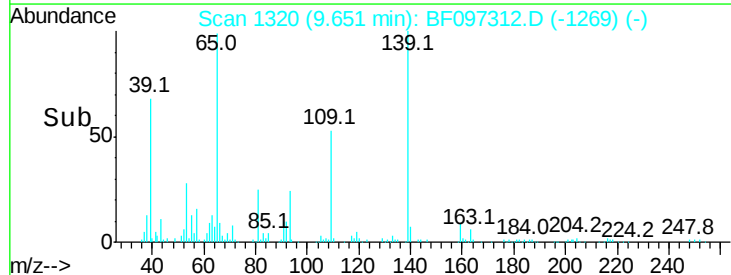
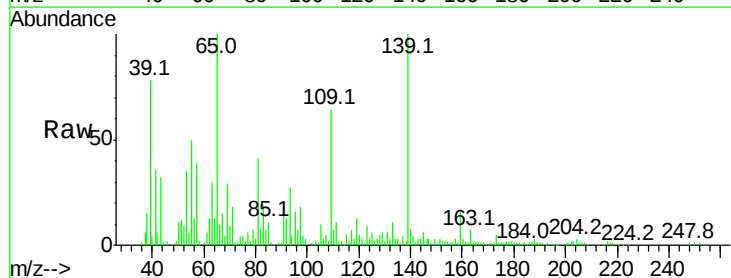
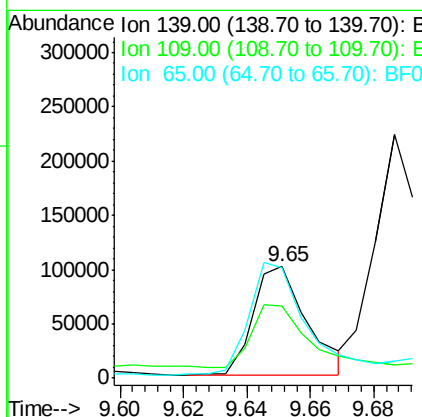
Manual Integrations  
 APPROVED

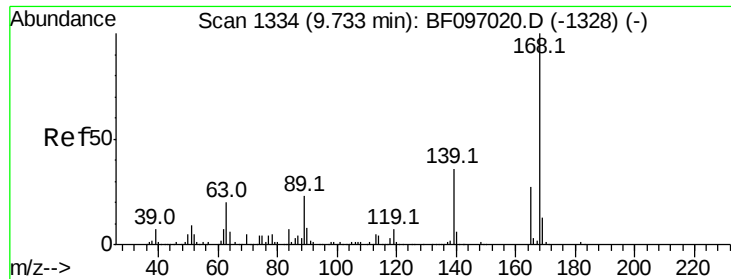
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 8/3/2017 6:08:40 PM



#55  
 4-Nitrophenol  
 Concen: 62.849 ng  
 RT: 9.65 min Scan# 1320  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 117840 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 64.5  | 34.1  | 74.1   |
| 65        | 99.7  | 31.4  | 71.4#  |





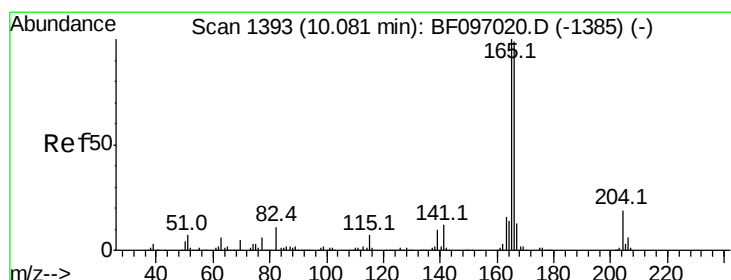
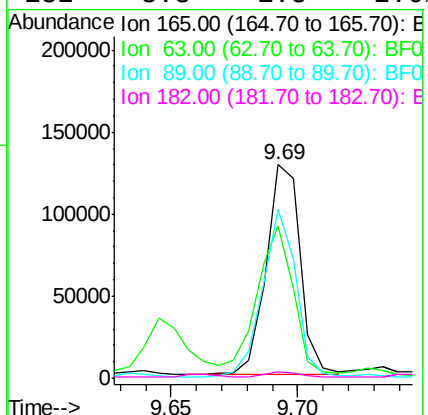
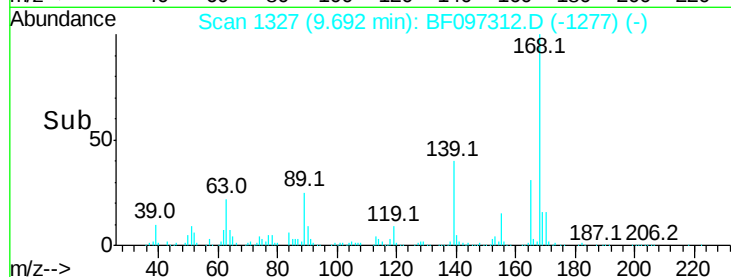
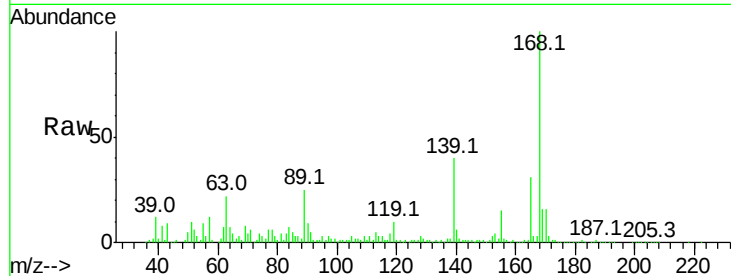
#56  
 2,4-Dinitrotoluene  
 Concen: 41.485 ng  
 RT: 9.69 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 121139 |       |       |
| 63      | 71.5  | 25.4   | 38.0# |       |
| 89      | 79.2  | 46.4   | 69.6# |       |
| 182     | 3.3   | 1.8    | 2.6#  |       |

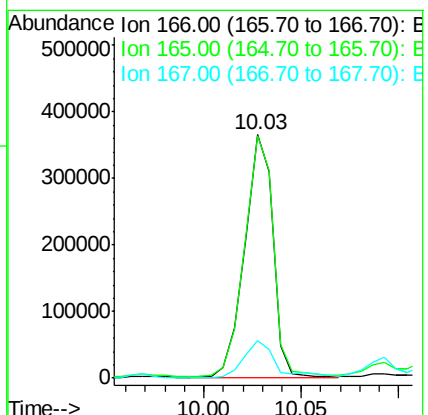
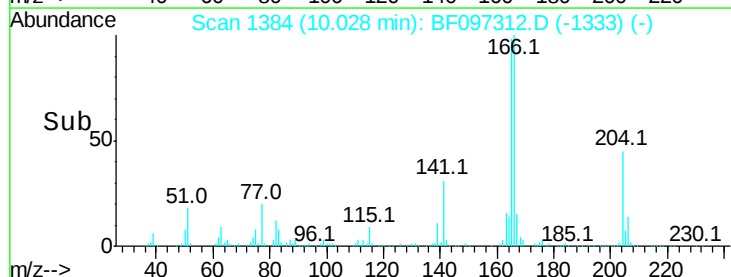
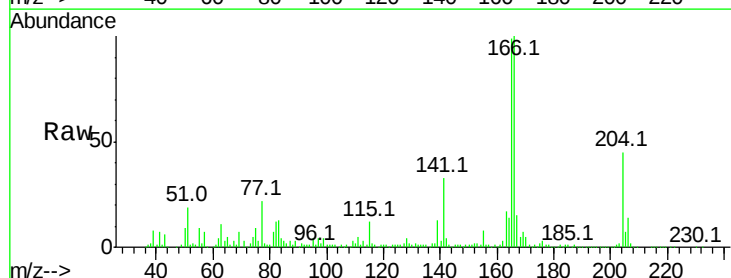
Manual Integrations  
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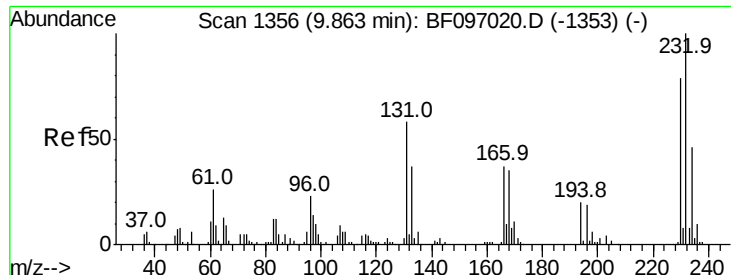
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 8/3/2017 6:08:40 PM



#57  
 Fluorene  
 Concen: 40.707 ng  
 RT: 10.03 min Scan# 1384  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 365238 |       |       |
| 165     | 99.5  | 78.8   | 118.2 |       |
| 167     | 15.4  | 10.6   | 16.0  |       |





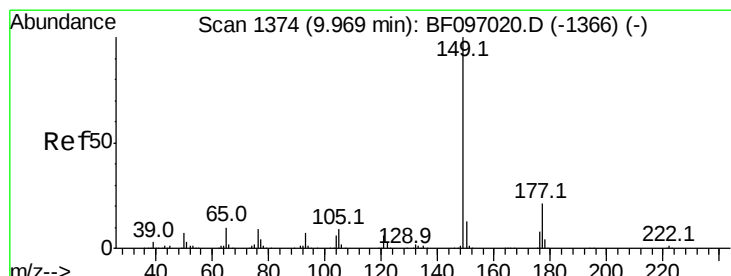
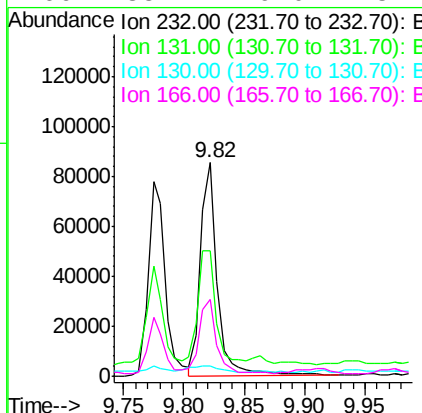
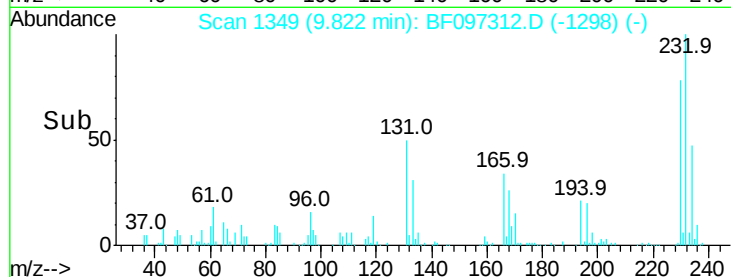
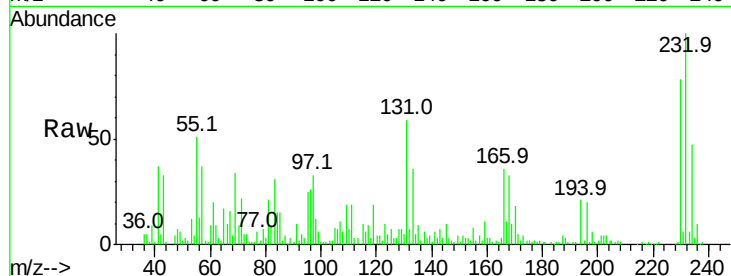
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.118 ng  
 RT: 9.82 min Scan# 1349  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 56.6  | 44.8  | 67.2  |
| 130     | 6.3   | 2.3   | 3.5   |
| 166     | 35.1  | 29.0  | 43.4  |

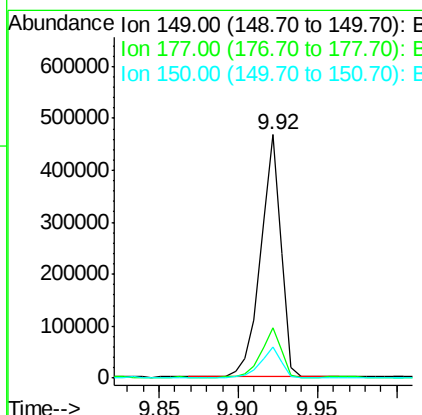
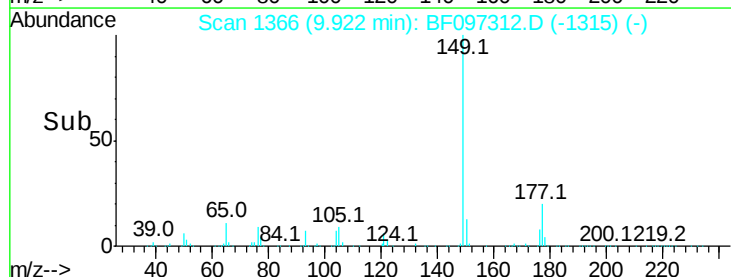
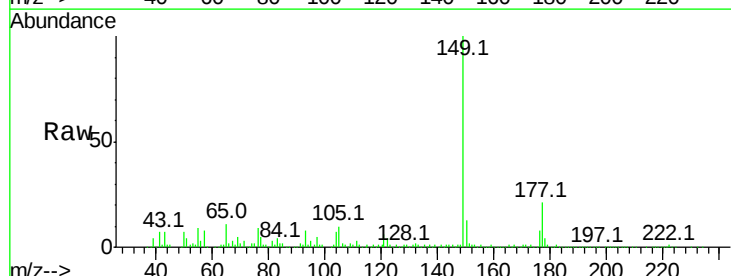
Manual Integrations  
 APPROVED

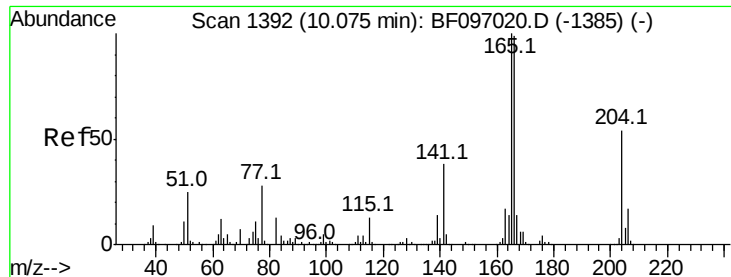
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 8/3/2017 6:08:40 PM



#59  
 Diethylphthalate  
 Concen: 38.106 ng  
 RT: 9.92 min Scan# 1366  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.8  | 16.7  | 25.1  |
| 150     | 12.8  | 10.2  | 15.2  |





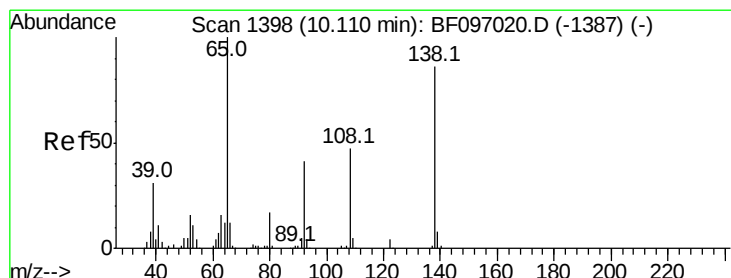
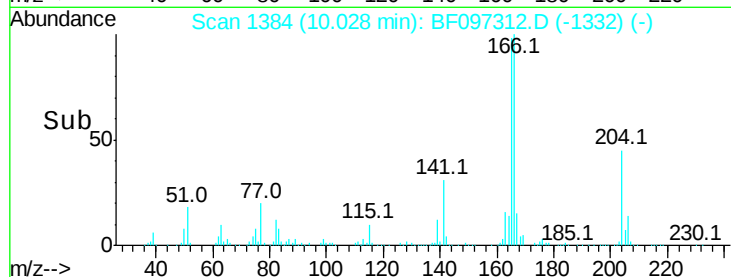
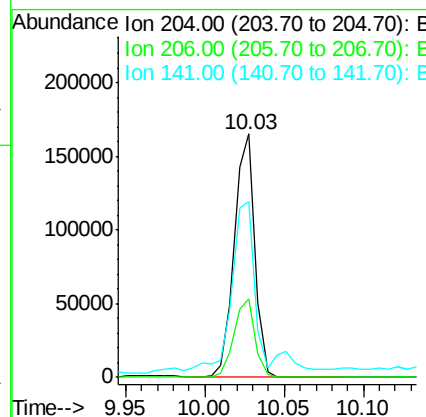
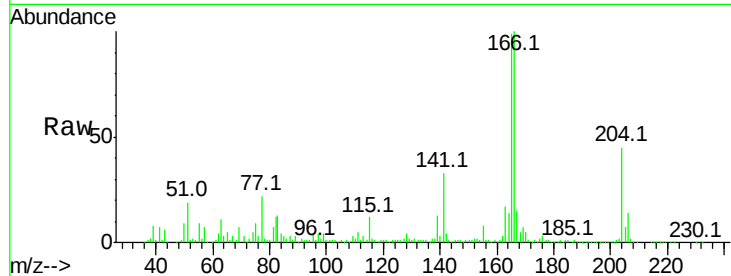
#60  
4-Chlorophenyl-phenylether  
Concen: 40.341 ng  
RT: 10.03 min Scan# 1384  
Delta R.T. 0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.0  | 26.2  | 39.2  |
| 141     | 72.3  | 60.8  | 91.2  |

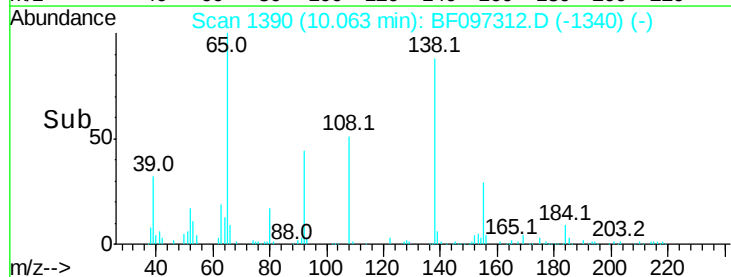
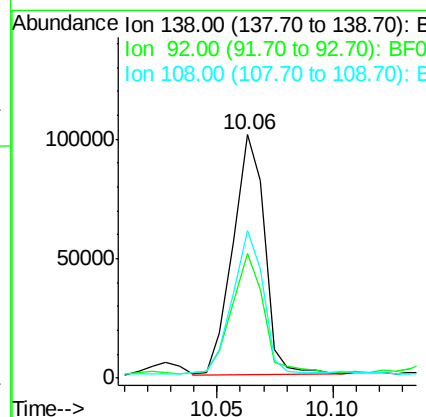
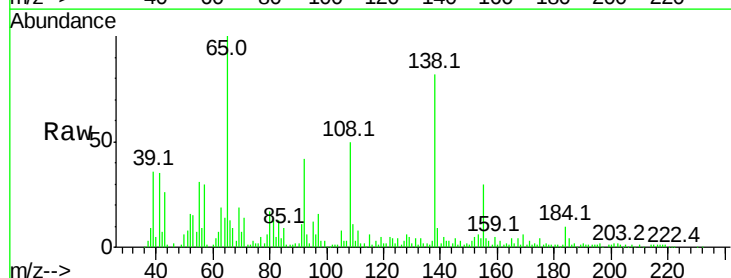
Manual Integrations  
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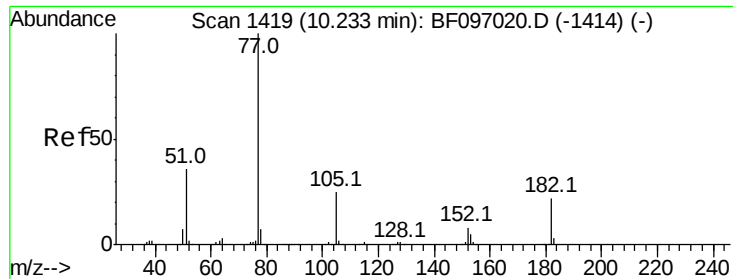
Sohil  
8/3/2017 6:08:40 PM



#61  
4-Nitroaniline  
Concen: 31.898 ng  
RT: 10.06 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.0  | 21.8  | 61.8  |
| 108     | 60.7  | 42.3  | 82.3  |





#62

Azobenzene

Concen: 42.233 ng

RT: 10.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

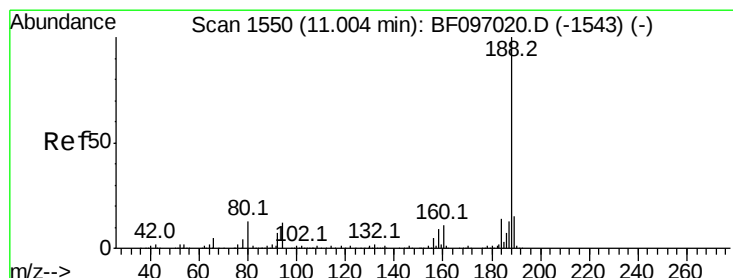
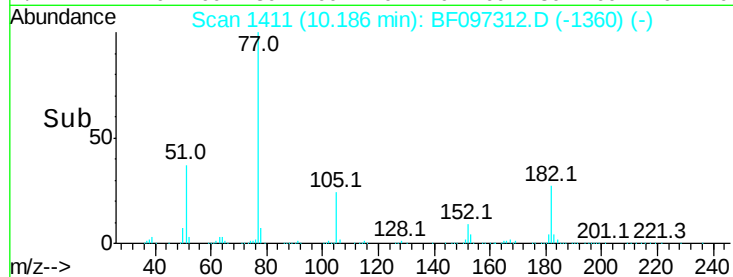
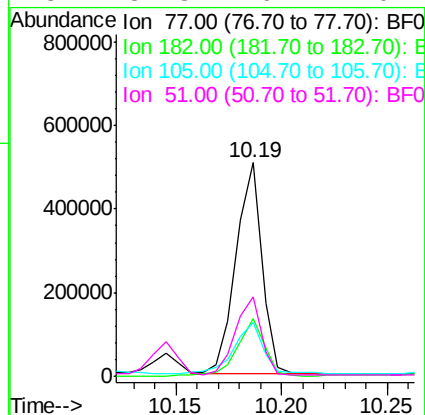
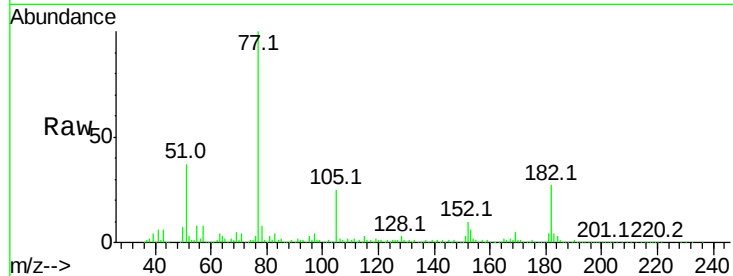
ClientSampleId :

E2-L6-NSWMSD

| Tot Ion   | 77    | Resp  | 430483 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 26.7  | 0.1   | 40.1   |
| 105       | 25.2  | 3.6   | 43.6   |
| 51        | 37.3  | 9.4   | 49.4   |

Manual Integrations  
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#63

Phenanthrene-d10

Concen: 20.000 ng

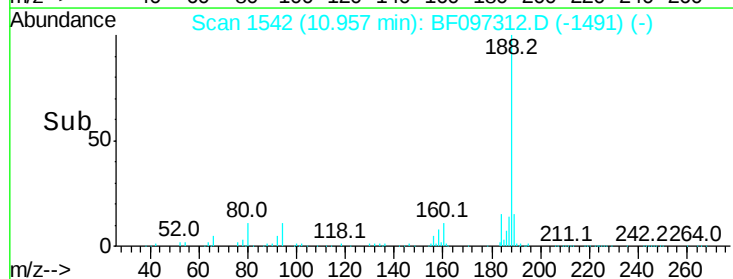
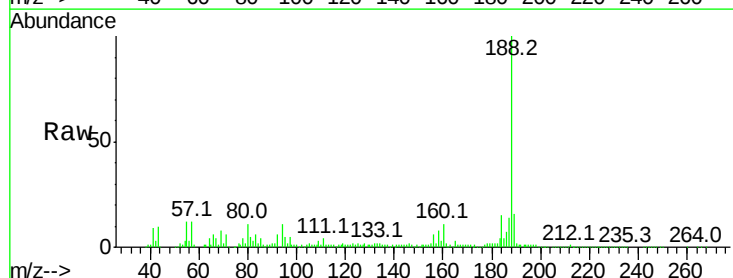
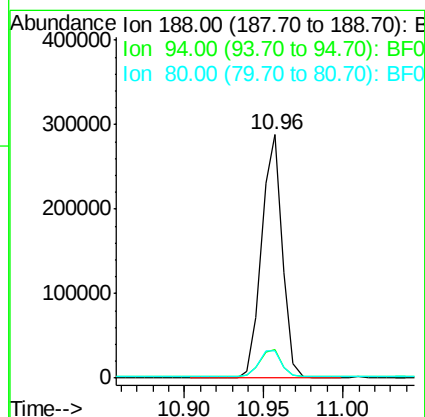
RT: 10.96 min Scan# 1542

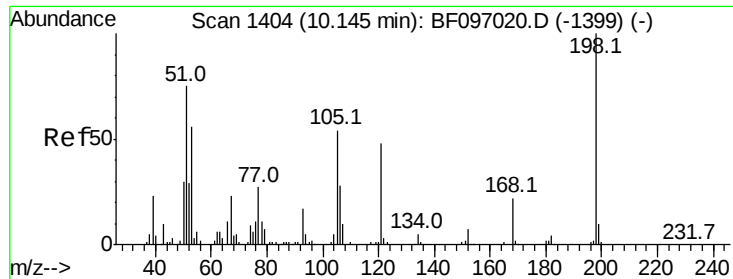
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

| Tgt Ion   | 188   | Resp  | 264544 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 11.5  | 9.4   | 14.2   |
| 80        | 11.3  | 10.2  | 15.2   |





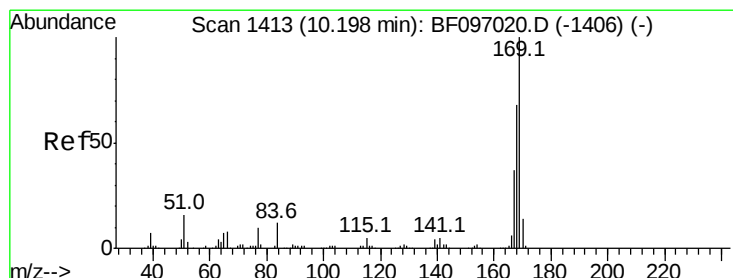
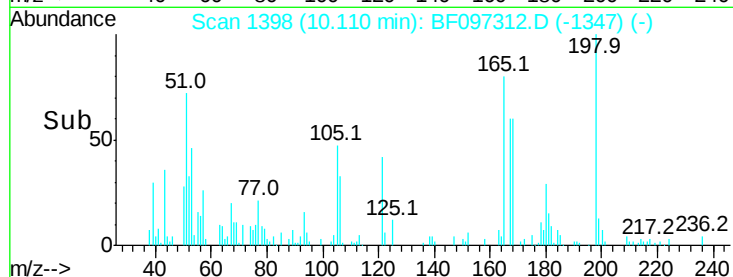
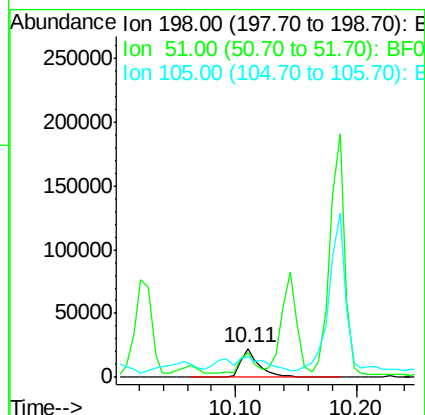
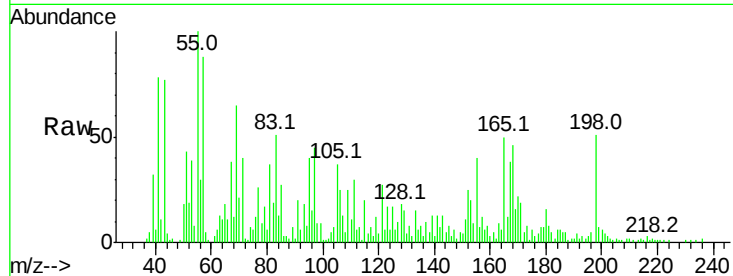
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 15.256 ng  
 RT: 10.11 min Scan# 1398  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 83.6  | 53.2 | 93.2  |       |
| 105     | 73.0  | 45.8 | 85.8  |       |

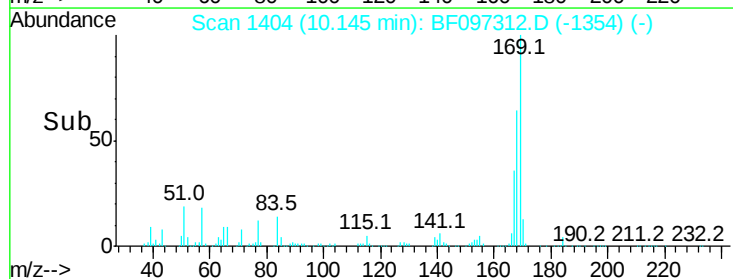
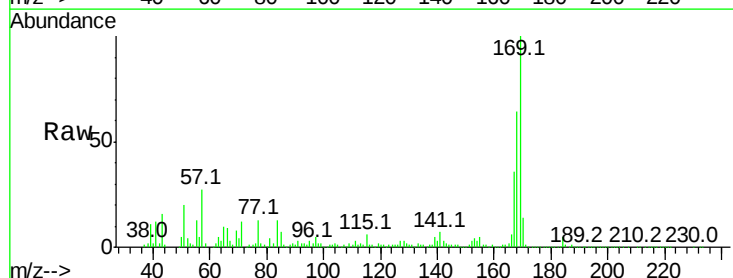
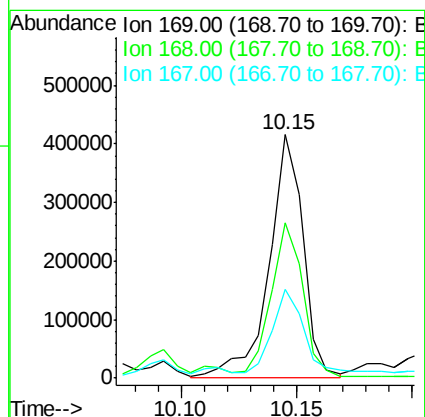
Manual Integrations  
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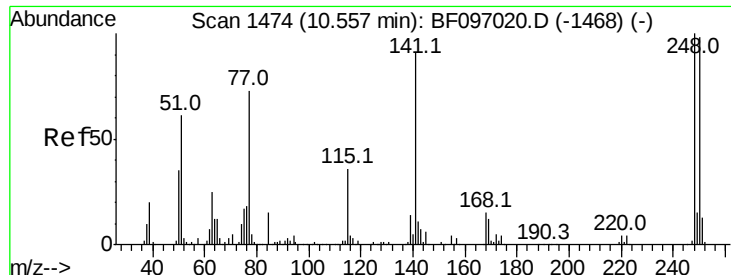
Sohil  
 8/3/2017 6:08:40 PM



#65  
 n-Nitrosodiphenylamine  
 Concen: 45.801 ng  
 RT: 10.15 min Scan# 1404  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 63.8  | 53.2 | 79.8  |       |
| 167     | 36.2  | 29.5 | 44.3  |       |





#66

4-Bromophenyl-phenylether

Concen: 36.476 ng

RT: 10.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

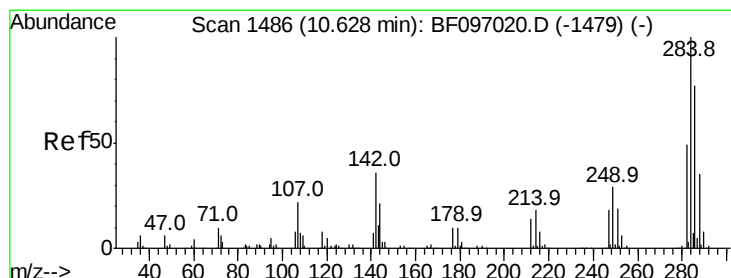
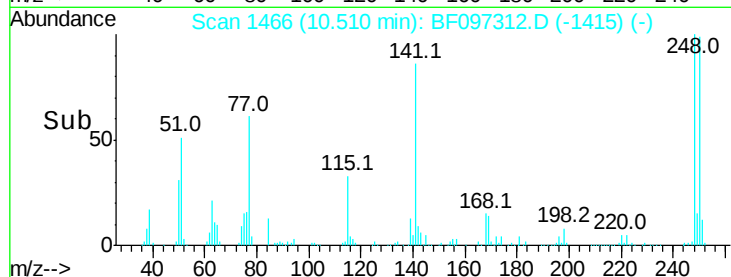
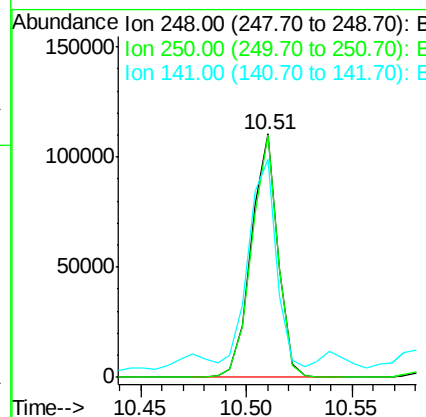
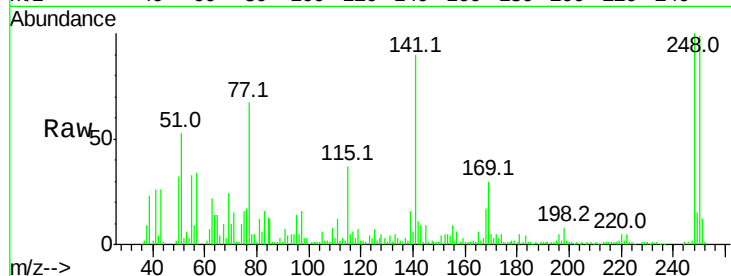
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 248   | Resp: | 96298 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 99.4  | 76.8  | 115.2 |
| 141       | 89.6  | 68.6  | 103.0 |

Manual Integrations  
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#67

Hexachlorobenzene

Concen: 33.307 ng

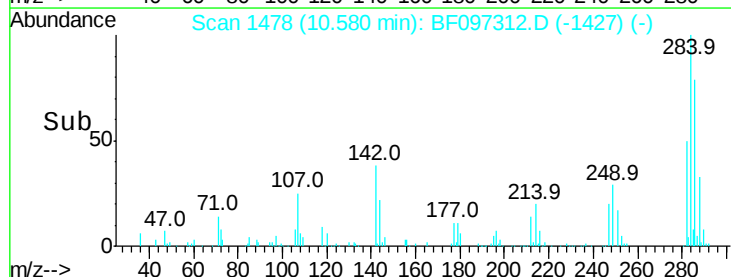
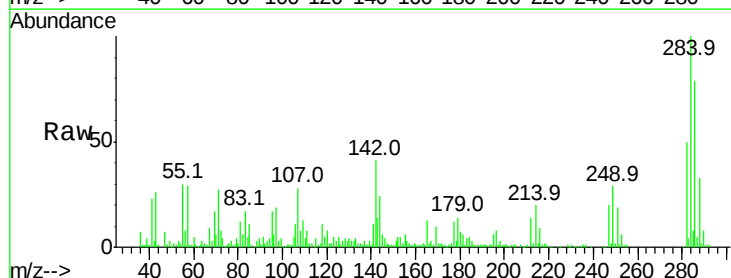
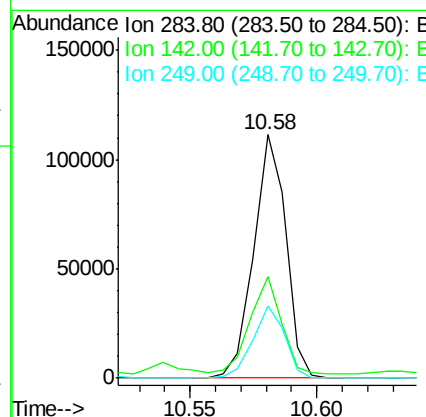
RT: 10.58 min Scan# 1478

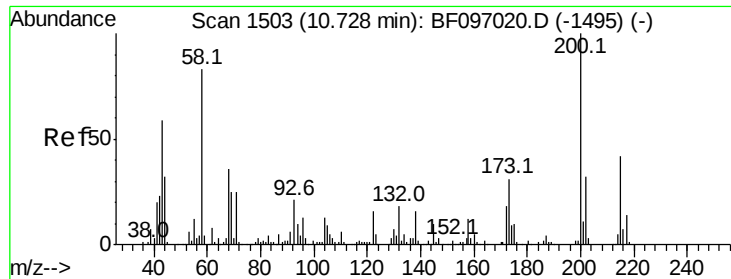
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 98608 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 41.5  | 22.8  | 34.2# |
| 249       | 29.4  | 24.0  | 36.0  |





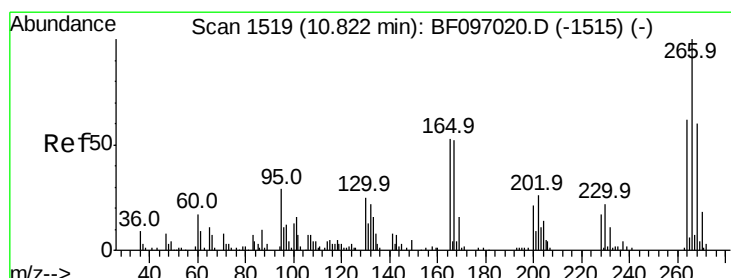
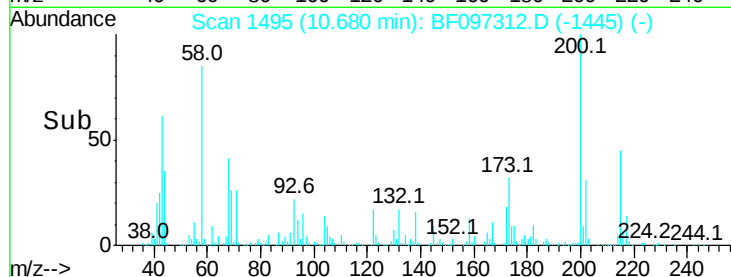
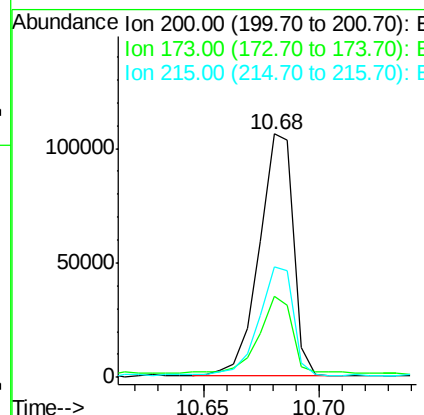
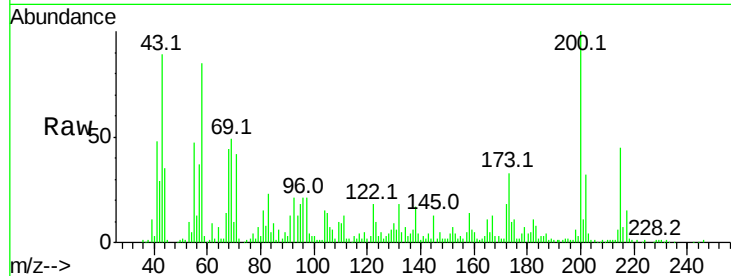
#68  
 Atrazine  
 Concen: 41.250 ng  
 RT: 10.68 min Scan# 1495  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 33.3  | 6.3        | 46.3       |
| 215     | 45.1  | 27.2       | 67.2       |

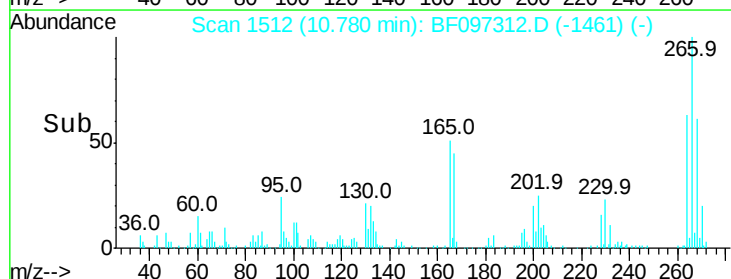
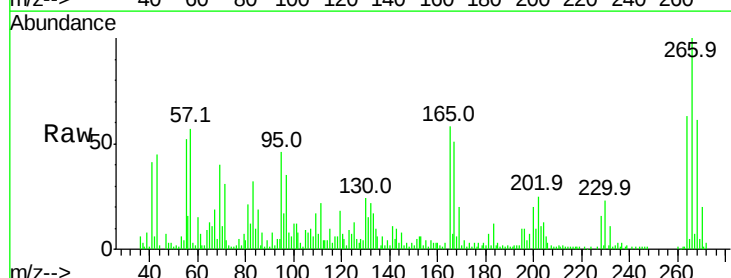
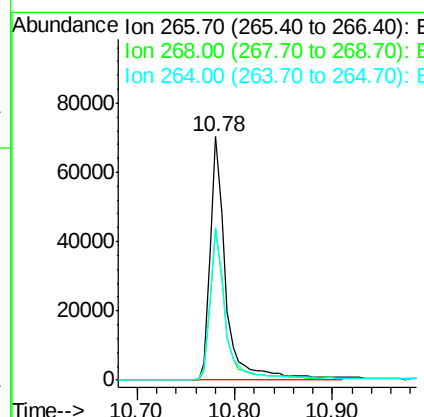
Manual Integrations  
 APPROVED

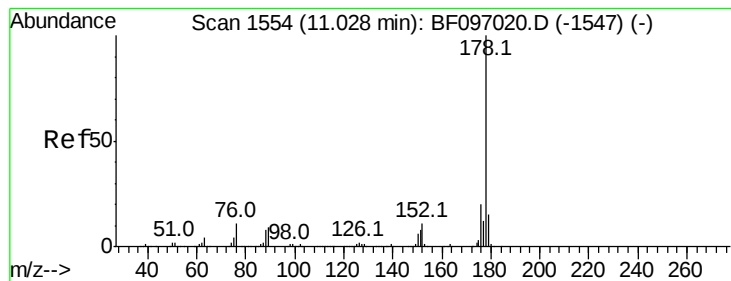
Sohil  
 8/3/2017 6:08:40 PM



#69  
 Pentachlorophenol  
 Concen: 65.356 ng  
 RT: 10.78 min Scan# 1512  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 61.5  | 51.1       | 76.7       |
| 264     | 62.9  | 51.7       | 77.5       |





#70

Phenanthrene

Concen: 37.039 ng

RT: 10.98 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

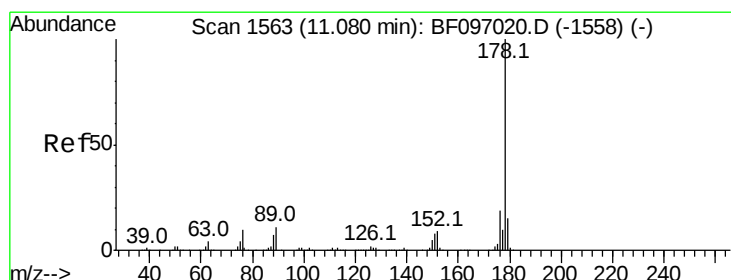
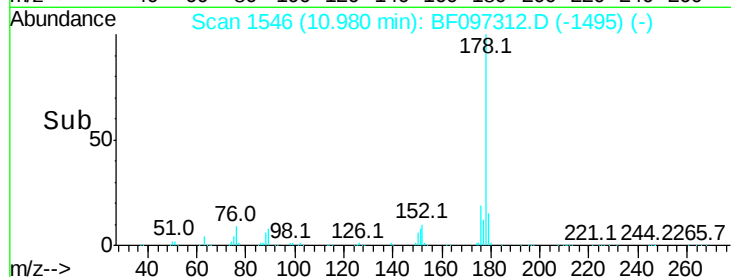
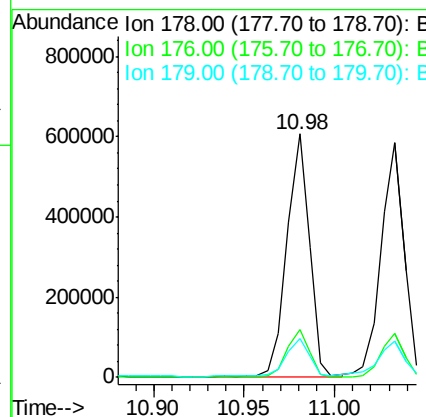
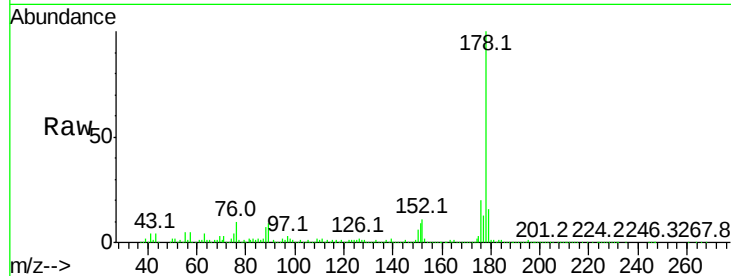
ClientSampleId :

E2-L6-NSWMSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 525001    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.6  | 16.2 24.4 |
| 179         | 16.2  | 12.6 19.0 |

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#71

Anthracene

Concen: 34.905 ng

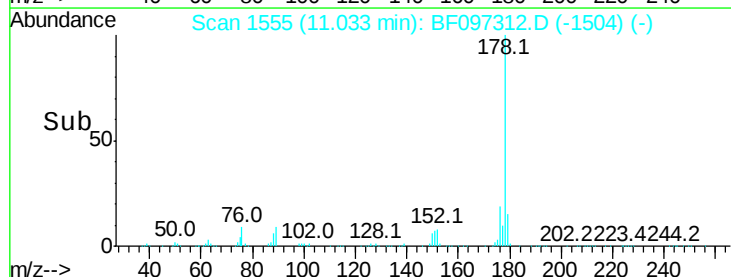
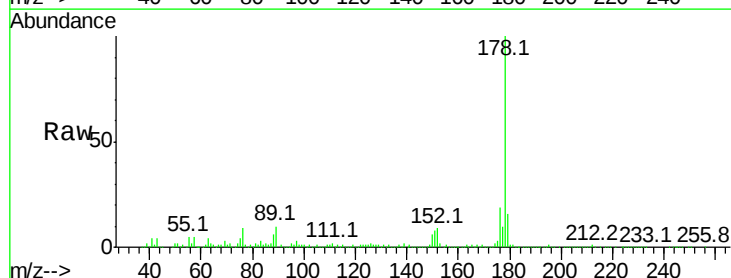
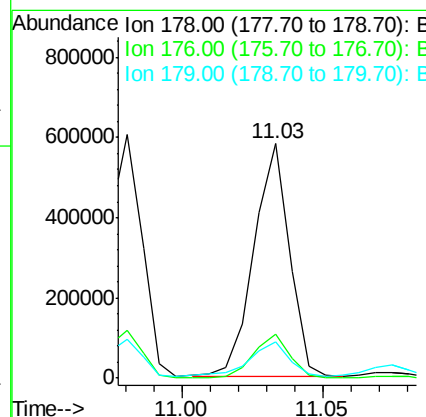
RT: 11.03 min Scan# 1555

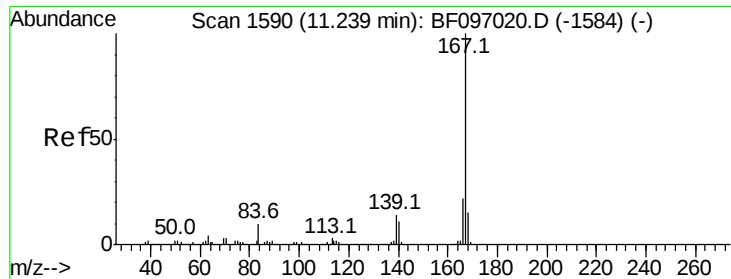
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 506738    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.7  | 15.8 23.8 |
| 179         | 15.6  | 12.7 19.1 |





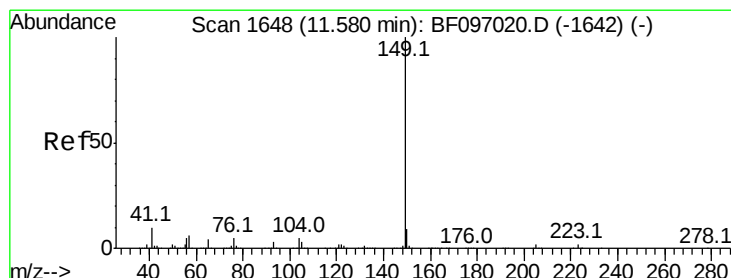
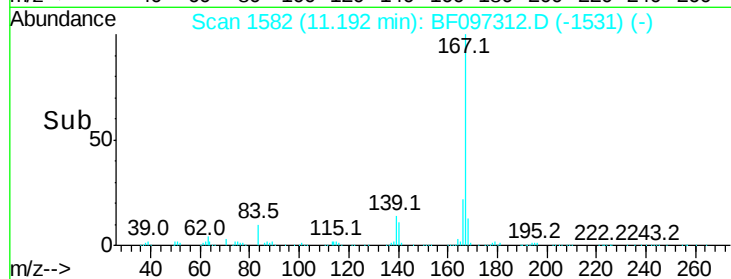
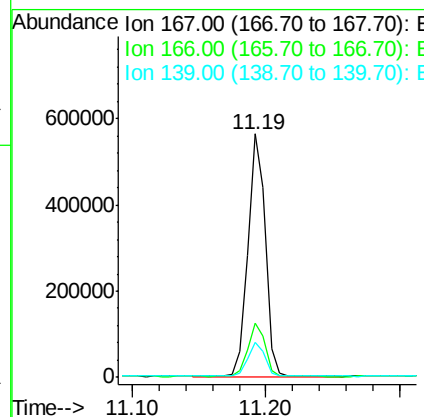
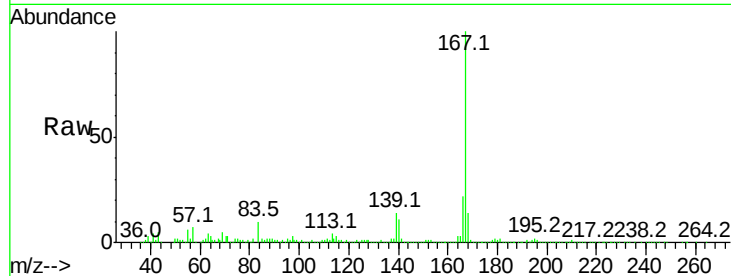
#72  
 Carbazole  
 Concen: 35.345 ng  
 RT: 11.19 min Scan# 1582  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 22.3  | 18.1 | 27.1  |       |
| 139     | 14.3  | 11.7 | 17.5  |       |

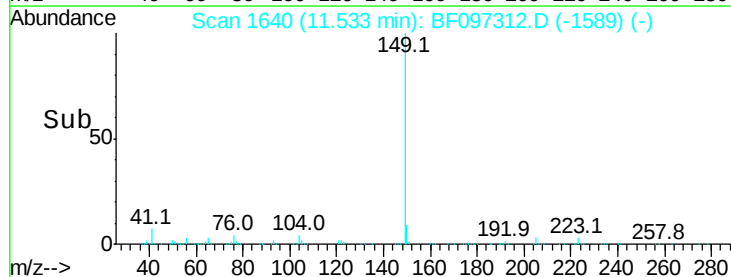
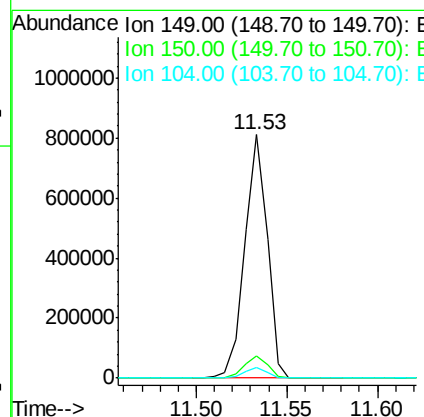
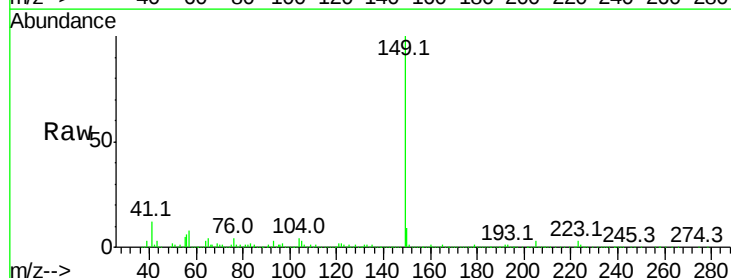
Manual Integrations  
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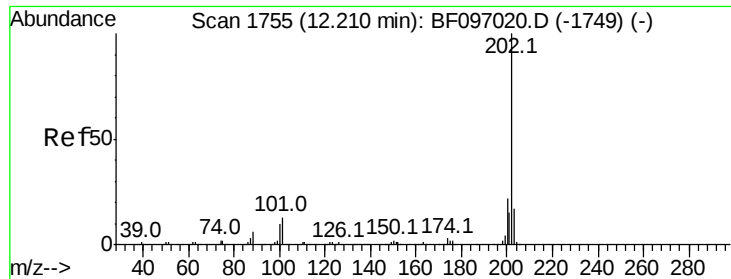
Sohil  
 8/3/2017 6:08:40 PM



#73  
 Di-n-butylphthalate  
 Concen: 39.335 ng  
 RT: 11.53 min Scan# 1640  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 9.4   | 7.7  | 11.5  |       |
| 104     | 4.4   | 4.0  | 6.0   |       |





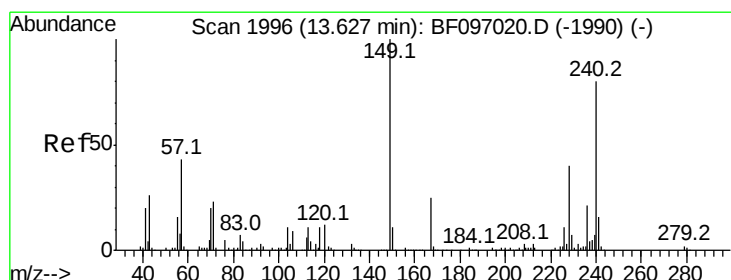
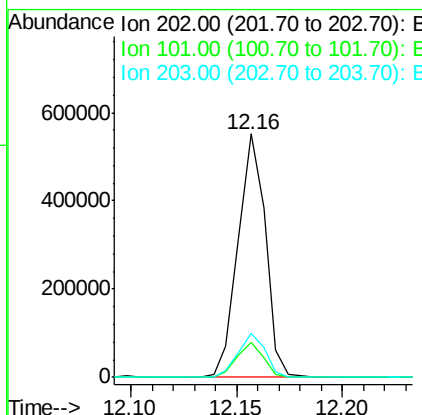
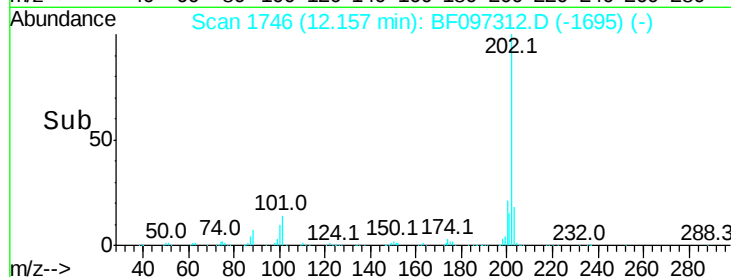
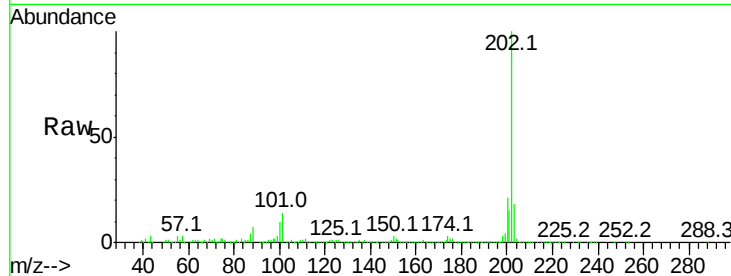
#74  
 Fluoranthene  
 Concen: 35.419 ng  
 RT: 12.16 min Scan# 1746  
 Delta R.T. 0.00 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSWMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 14.1  | 0.0        | 33.2  |
| 203     | 17.8  | 0.0        | 38.1  |

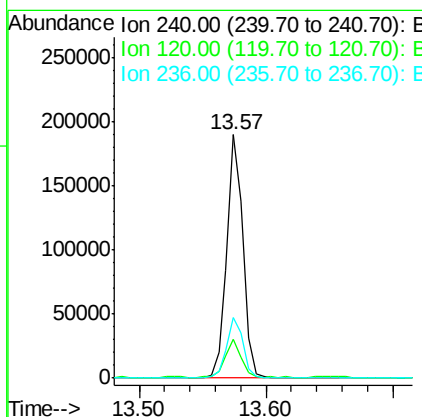
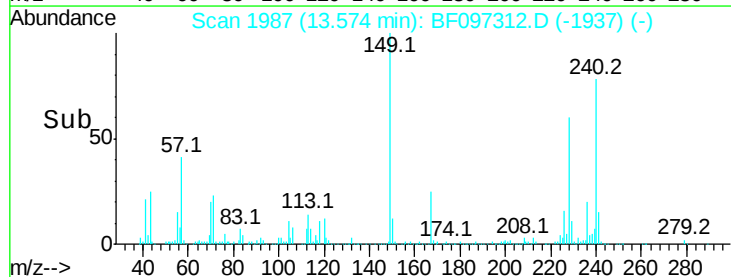
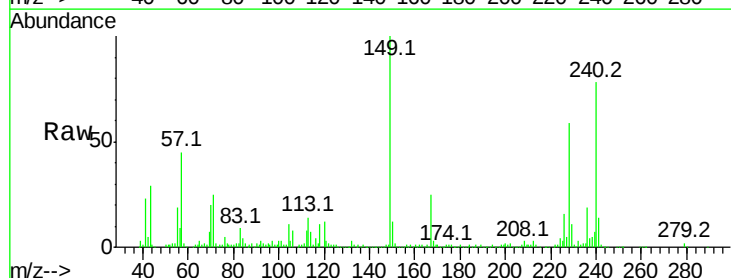
Manual Integrations  
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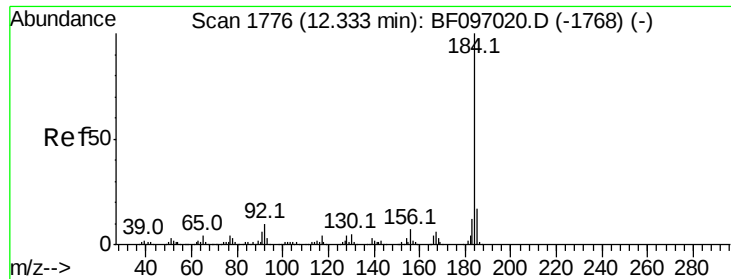
Sohil  
 8/3/2017 6:08:40 PM



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.57 min Scan# 1987  
 Delta R.T. -0.01 min  
 Lab File: BF097312.D  
 Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 16.1  | 5.8        | 8.8#  |
| 236     | 25.1  | 20.5       | 30.7  |





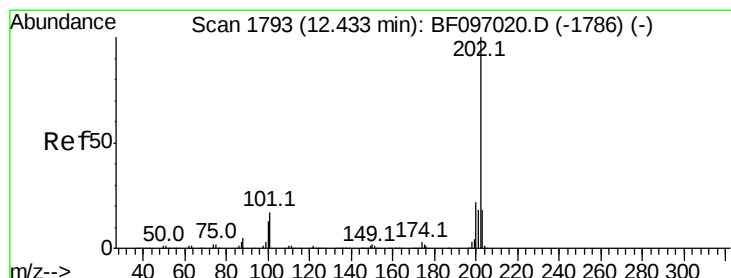
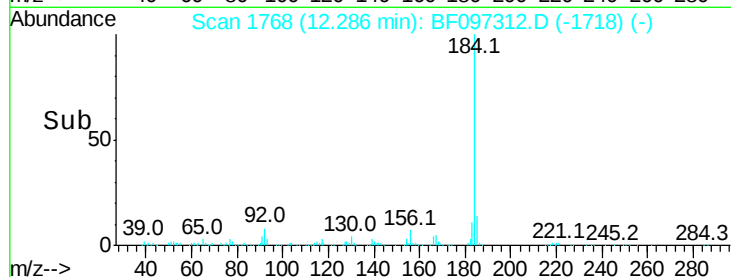
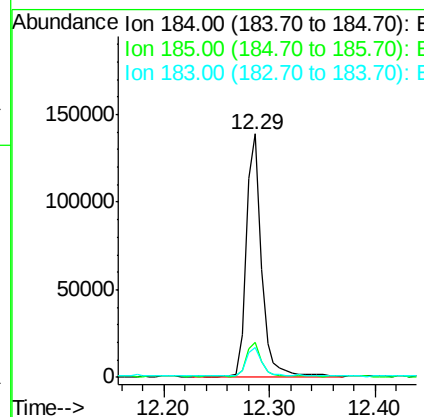
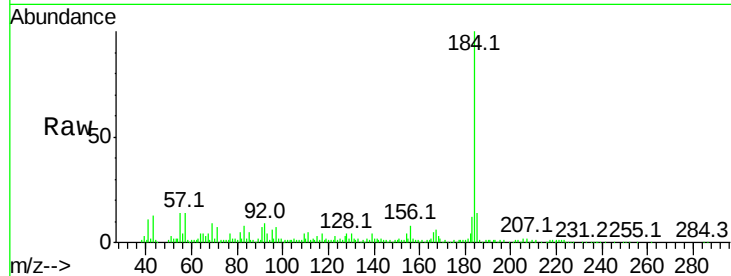
#76  
Benzidine  
Concen: 22.259 ng  
RT: 12.29 min Scan# 1768  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.3  | 15.5 | 23.3  |       |
| 183     | 12.4  | 9.8  | 14.6  |       |

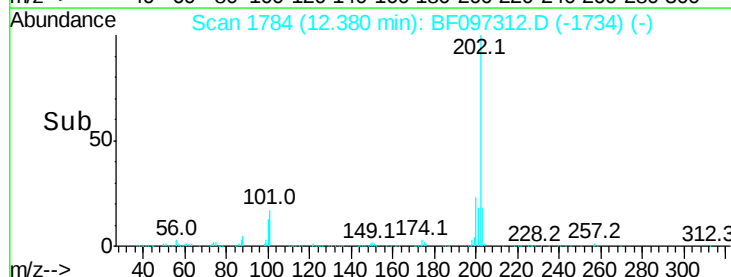
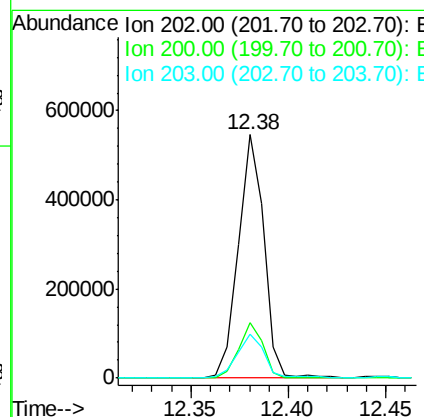
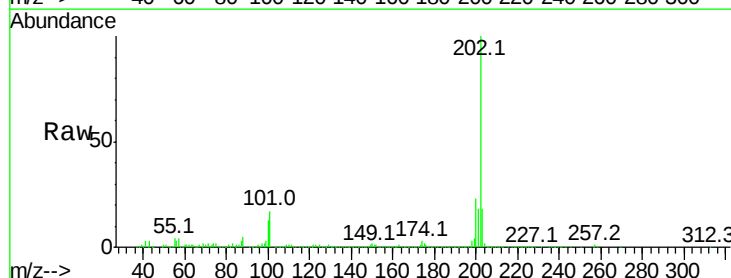
Manual Integrations  
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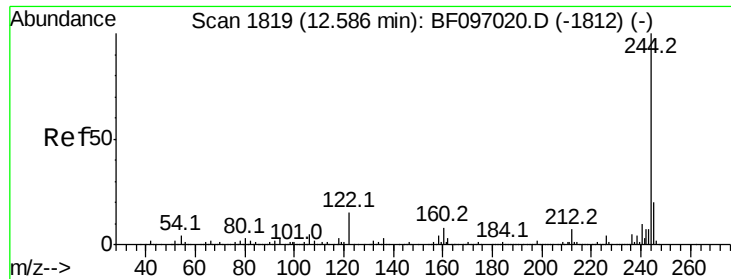
Sohil  
8/3/2017 6:08:40 PM



#77  
Pyrene  
Concen: 35.857 ng  
RT: 12.38 min Scan# 1784  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 22.6  | 17.6 | 26.4  |       |
| 203     | 17.9  | 14.4 | 21.6  |       |





#78

Terphenyl-d14

Concen: 60.083 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

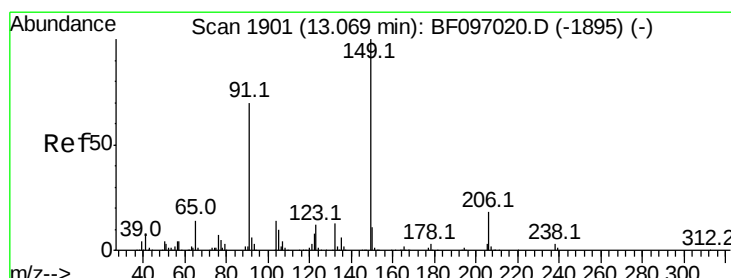
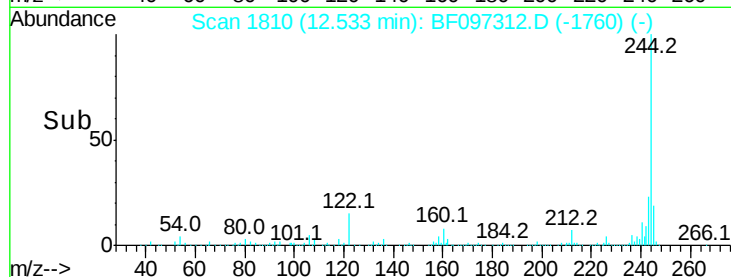
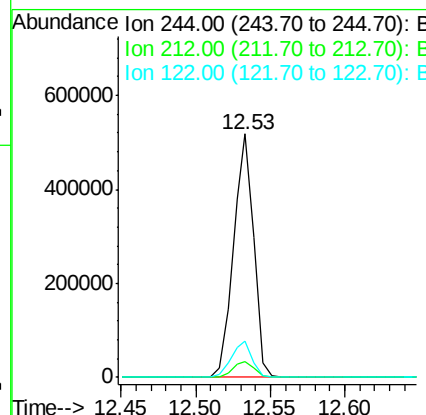
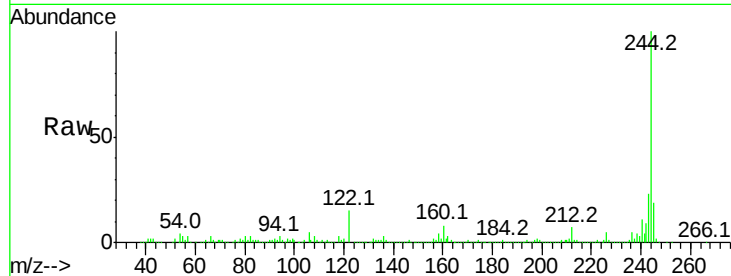
ClientSampled :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 494534 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.7   | 6.0   | 9.0    |
| 122       | 15.1  | 10.3  | 15.5   |

Manual Integrations  
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8/3/2017 6:08:40 PM



#79

Butylbenzylphthalate

Concen: 34.421 ng

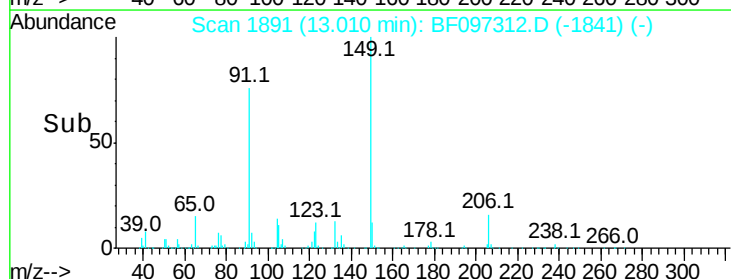
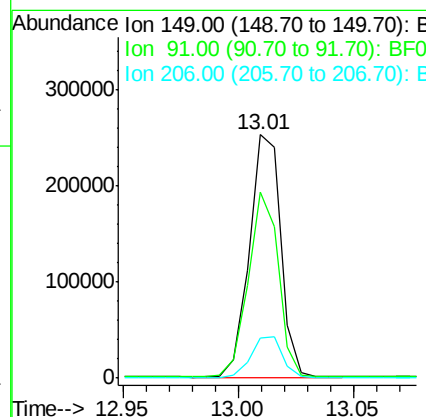
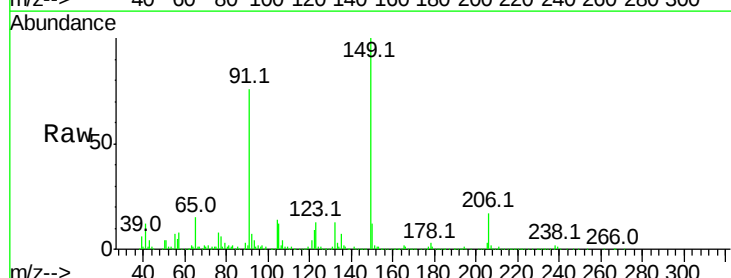
RT: 13.01 min Scan# 1891

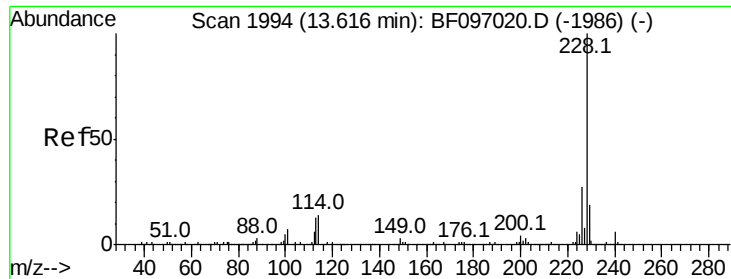
Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 240548 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 76.4  | 45.0  | 67.4#  |
| 206       | 16.6  | 17.0  | 25.6#  |





#80

Benzo(a)anthracene

Concen: 33.562 ng

RT: 13.57 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

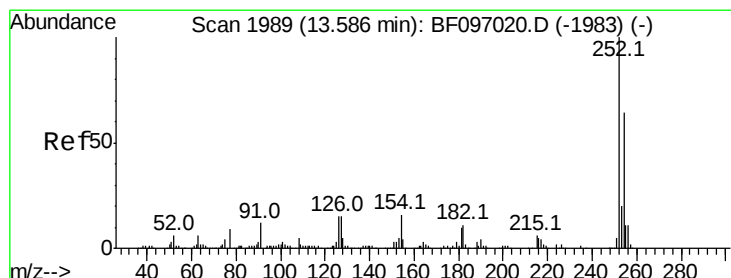
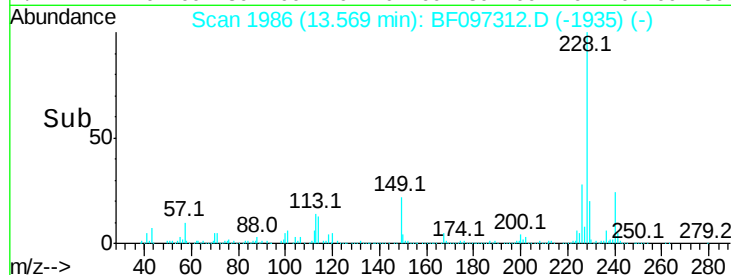
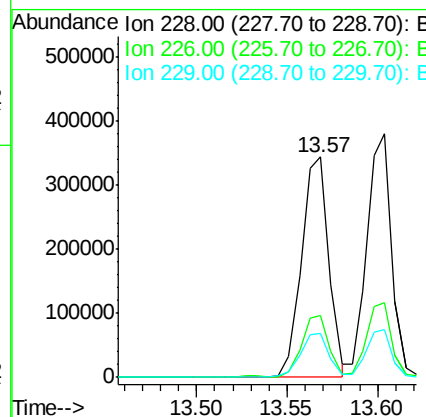
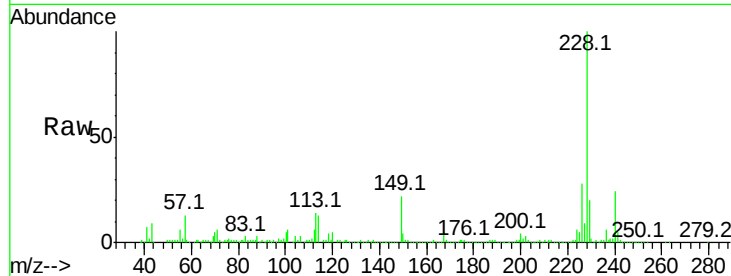
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 364429 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.1  | 22.6  | 33.8   |
| 229       | 20.1  | 16.3  | 24.5   |

Manual Integrations  
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#81

3,3'-Dichlorobenzidine

Concen: 30.464 ng

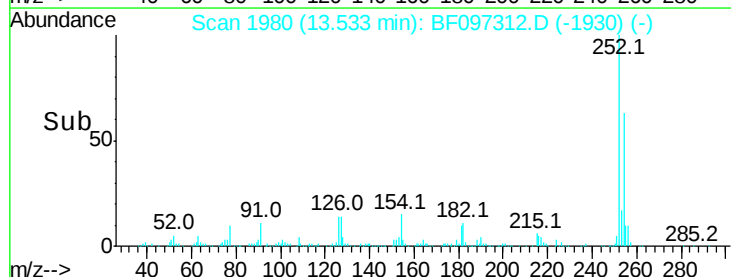
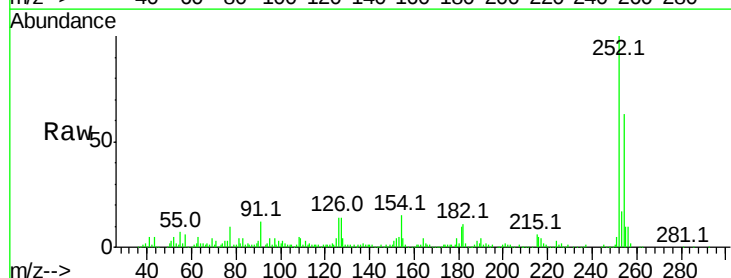
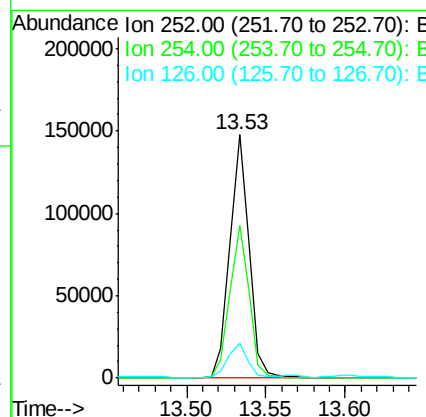
RT: 13.53 min Scan# 1980

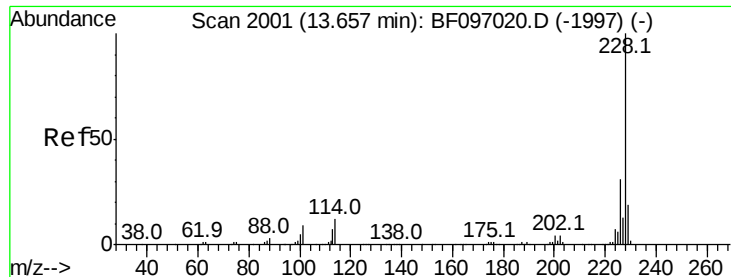
Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 124743 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 62.7  | 51.5  | 77.3   |
| 126       | 14.2  | 15.8  | 23.8#  |





#82

Chrysene

Concen: 33.909 ng

RT: 13.60 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

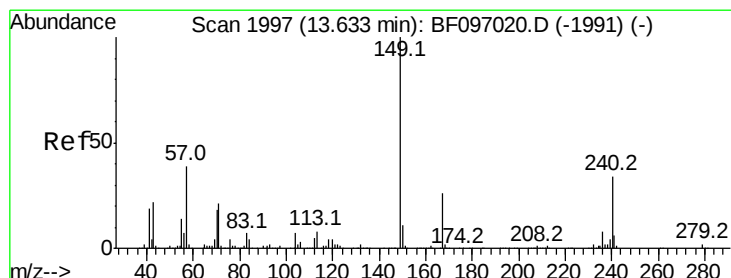
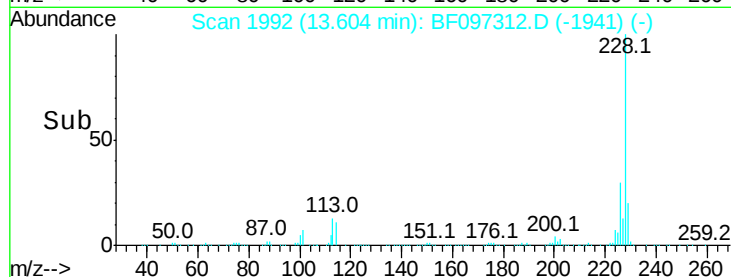
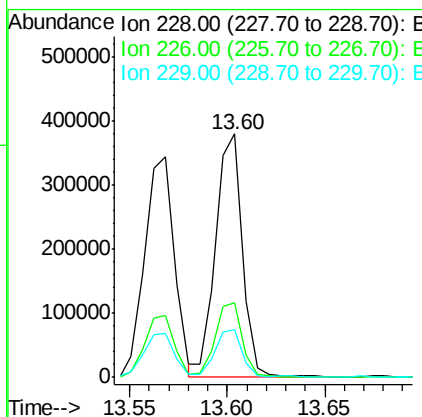
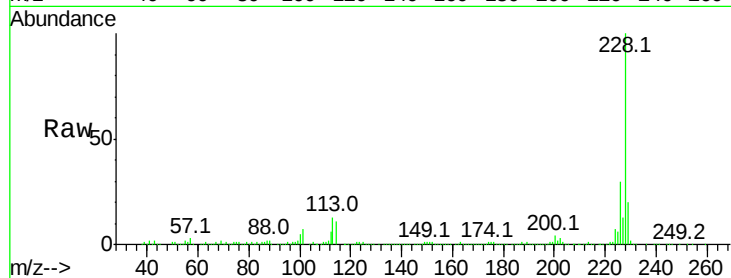
ClientSampleId :

E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 359534 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.5  | 24.9  | 37.3   |
| 229       | 19.7  | 15.8  | 23.6   |

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#83

Bis(2-ethylhexyl)phthalate

Concen: 35.392 ng

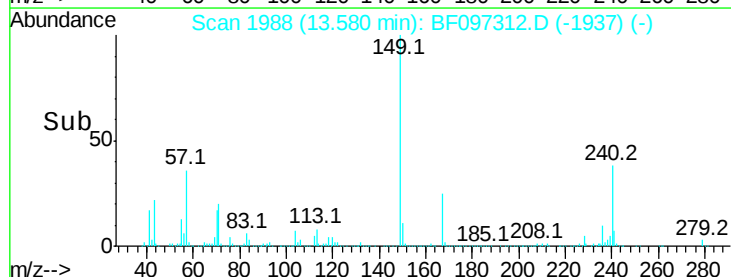
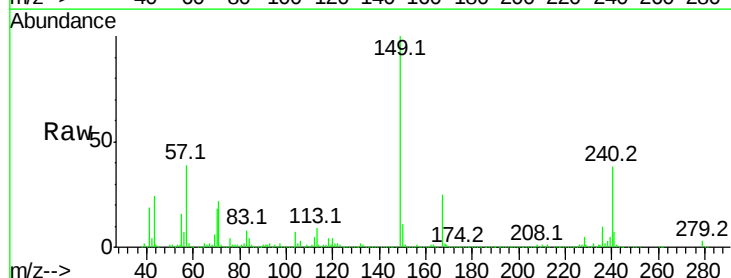
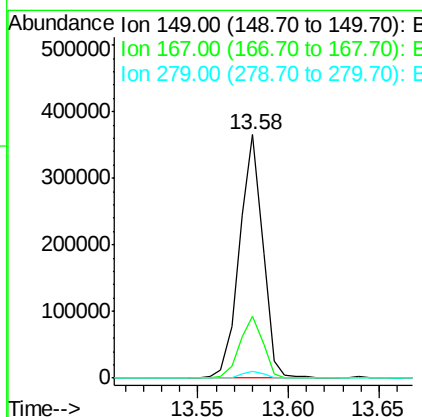
RT: 13.58 min Scan# 1988

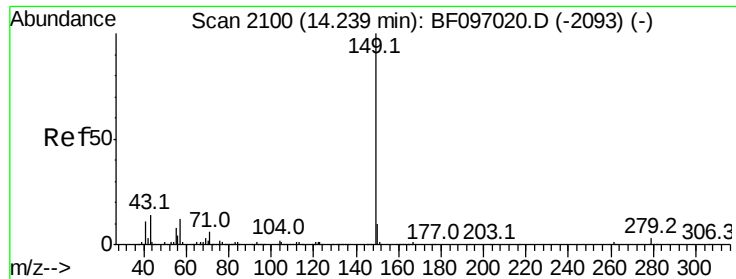
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 322937 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.4  | 21.0  | 31.4   |
| 279       | 2.7   | 1.9   | 2.9    |





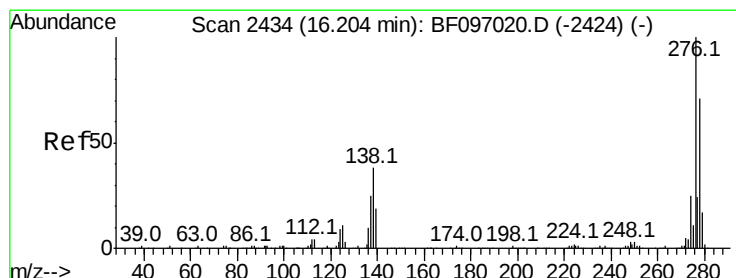
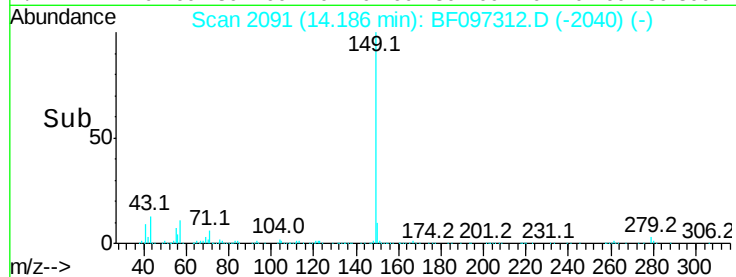
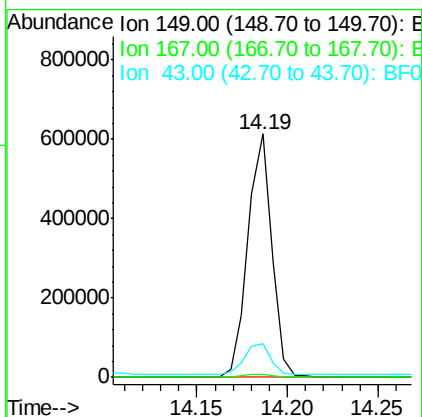
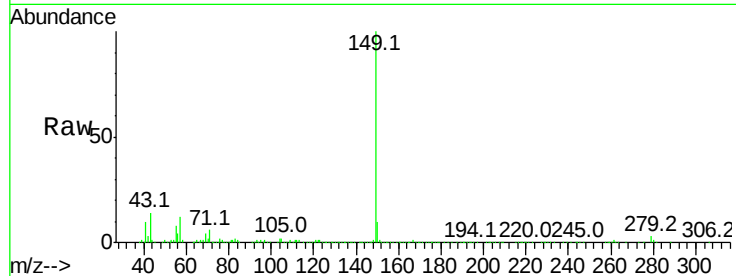
#84  
Di-n-octyl phthalate  
Concen: 33.414 ng  
RT: 14.19 min Scan# 2091  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 1.2        | 1.8   |
| 43      | 13.7  | 8.5        | 12.7  |

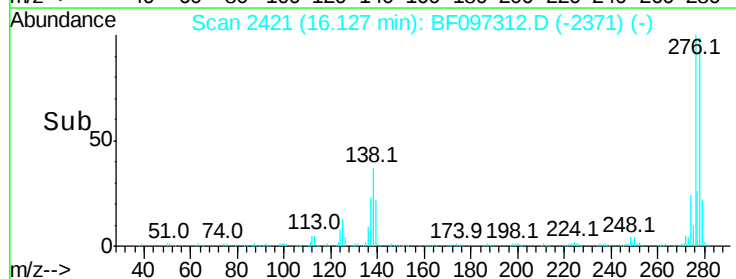
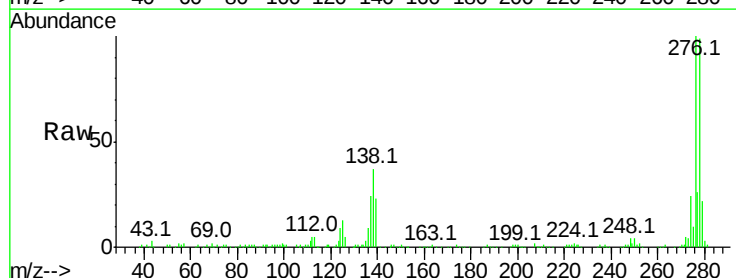
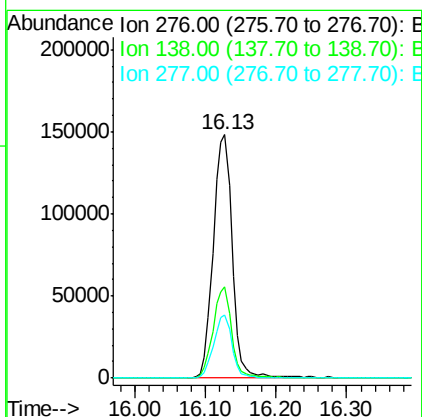
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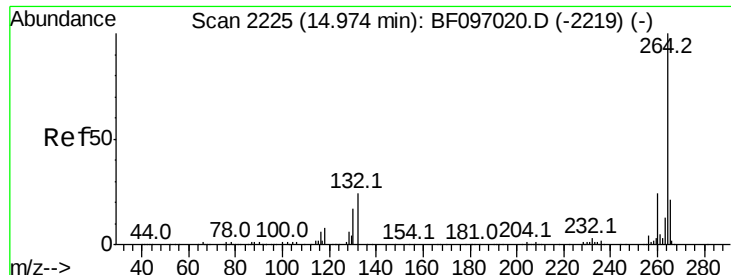
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#85  
Indeno(1,2,3-cd)pyrene  
Concen: 30.644 ng  
RT: 16.13 min Scan# 2421  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 36.3  | 27.8       | 41.6  |
| 277     | 25.2  | 20.2       | 30.4  |





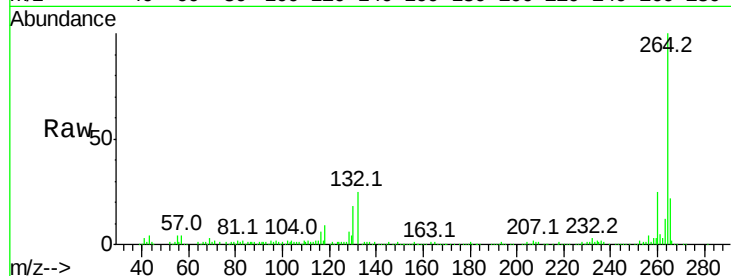
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 14.92 min Scan# 2215  
Delta R.T. 0.00 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

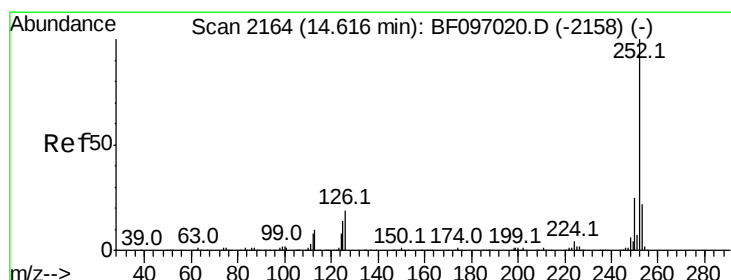
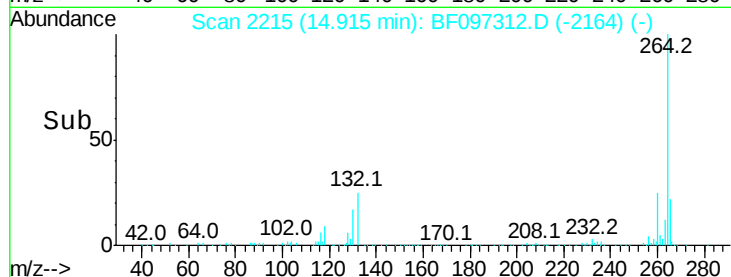
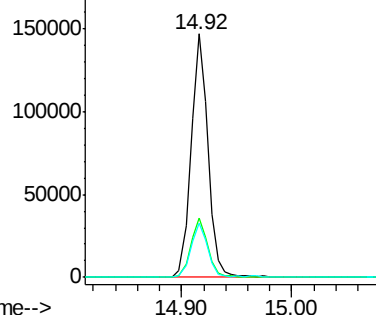
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 19.5  | 29.3  |
| 265     | 22.4  | 17.2  | 25.8  |

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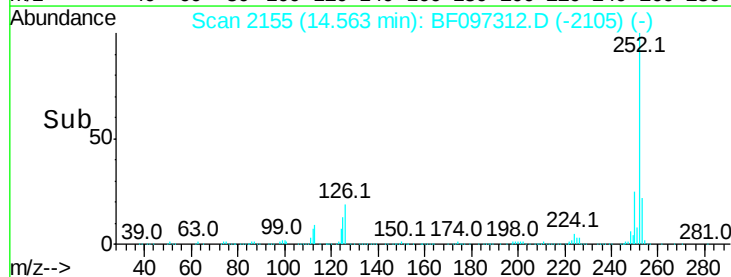
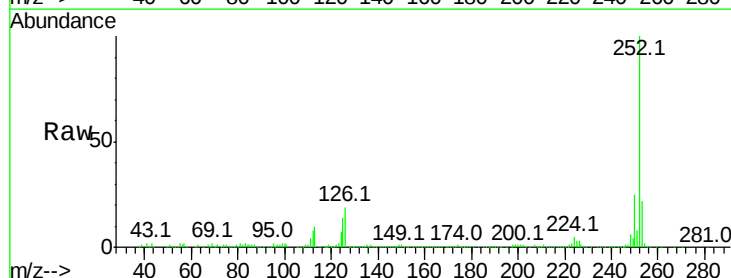
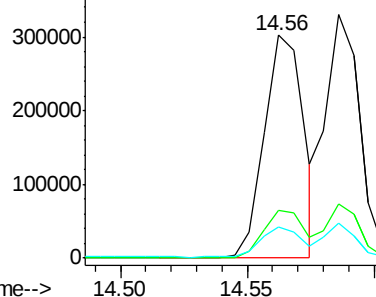
Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

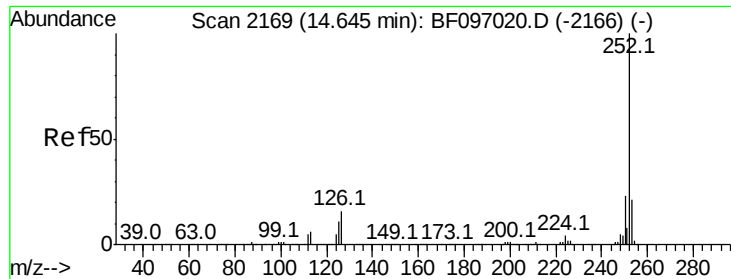


#87  
Benzo(b)fluoranthene  
Concen: 34.434 ng  
RT: 14.56 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.1  | 27.1  |
| 125     | 13.8  | 9.8   | 14.8  |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 34.279 ng

RT: 14.59 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

Instrument :

BNA\_F

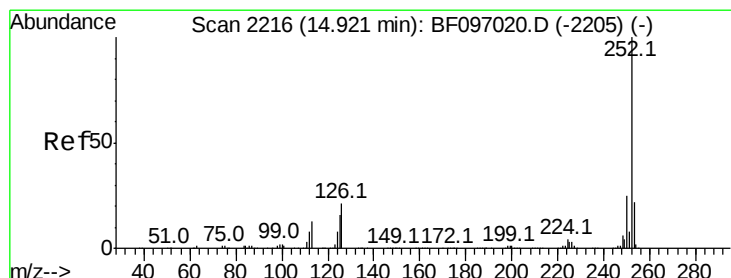
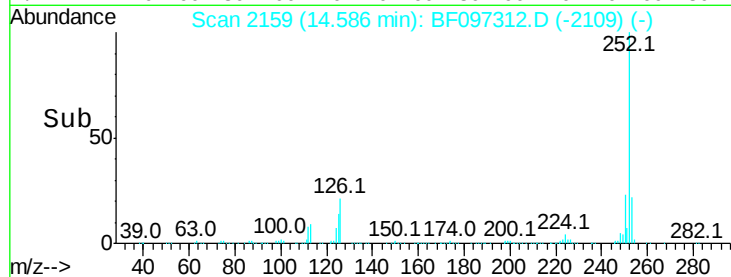
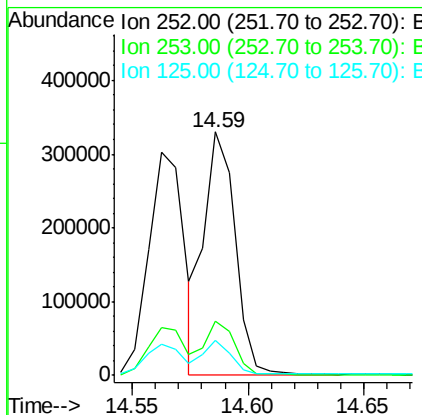
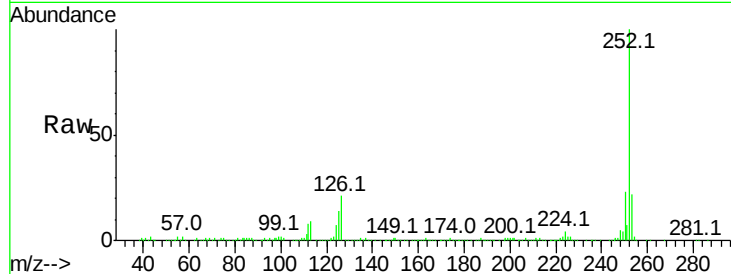
ClientSampleId :

E2-L6-NSWMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 308687 |       |       |
| 253     | 22.3  | 18.4   | 27.6  |       |
| 125     | 14.4  | 13.1   | 19.7  |       |

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#89

Benzo(a)pyrene

Concen: 35.397 ng

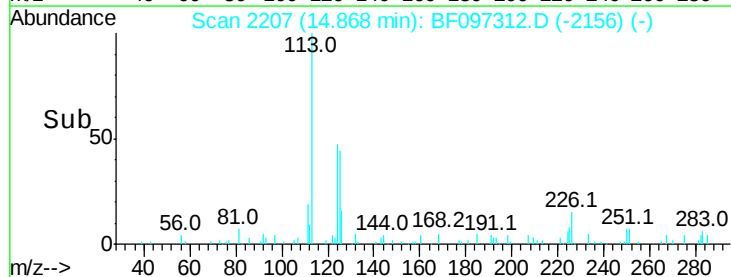
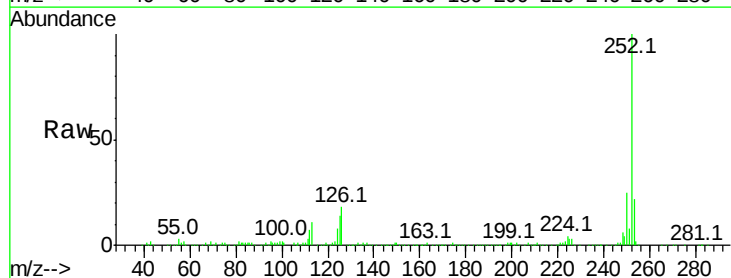
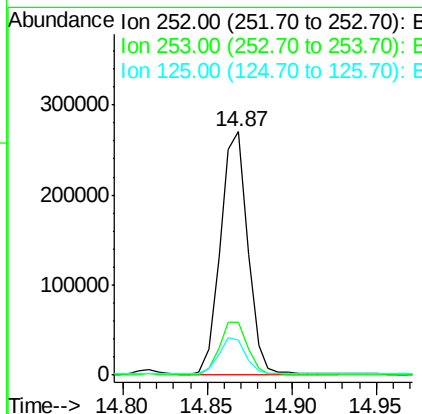
RT: 14.87 min Scan# 2207

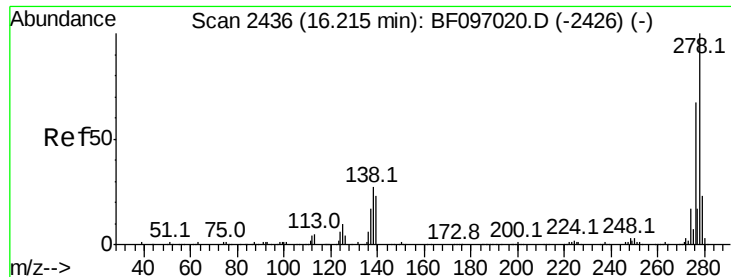
Delta R.T. 0.00 min

Lab File: BF097312.D

Acq: 3 Aug 2017 11:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 306152 |       |       |
| 253     | 21.5  | 17.5   | 26.3  |       |
| 125     | 14.1  | 11.0   | 16.4  |       |





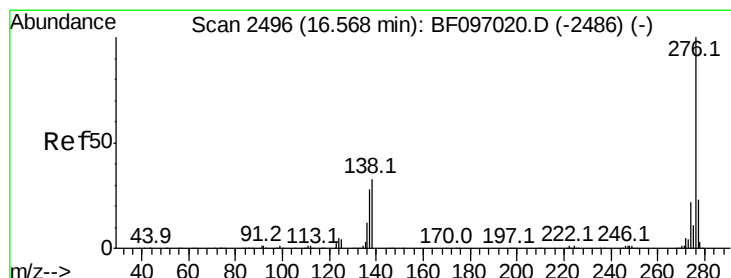
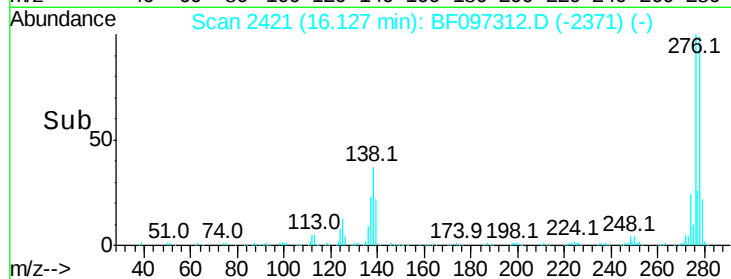
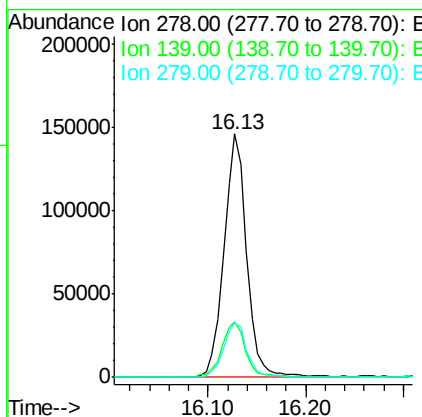
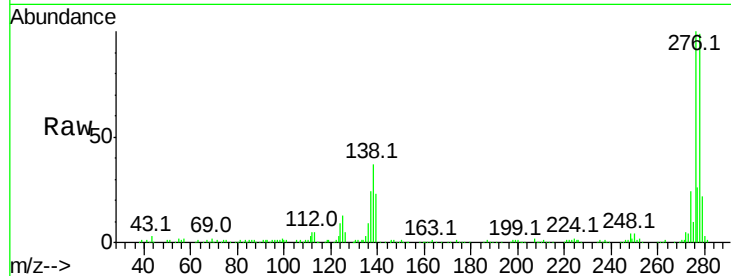
#90  
Dibenzo(a,h)anthracene  
Concen: 33.181 ng  
RT: 16.13 min Scan# 2421  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSWMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 235341 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 22.8  | 16.6  | 24.8   |
| 279       | 22.2  | 19.3  | 28.9   |

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#91  
Benzo(g,h,i)perylene  
Concen: 29.554 ng  
RT: 16.48 min Scan# 2481  
Delta R.T. -0.01 min  
Lab File: BF097312.D  
Acq: 3 Aug 2017 11:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 219820 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.9  | 18.6  | 28.0   |
| 138       | 29.3  | 25.4  | 38.0   |

