

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\  
 Data File : BF111248.D  
 Acq On : 10 Dec 2018 18:02  
 Operator : JU/SJ  
 Sample : PB115276BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

Manual Integrations  
 APPROVED

Sohil  
 12/11/2018 2:23:29 PM

Quant Time: Dec 11 04:58:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 01:15:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 562789   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 2340839  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.84  | 164  | 1116387  | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 1874352  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 1220814  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.39 | 264  | 1049937  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 3822128 | 107.24 | ng | 0.02 |
| 7) Phenol-d6             | 6.44  | 99  | 4877626 | 110.12 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 2604478 | 62.41  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 1043435 | 105.51 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 4252552 | 60.53  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.91 | 244 | 3815285 | 74.96  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.63 | 88  | 663713  | 36.295 | ng | 99     |
| 3) Pyridine                    | 3.36 | 79  | 1815855 | 37.377 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 854708  | 41.264 | ng | 98     |
| 6) Aniline                     | 6.46 | 93  | 1853720 | 31.390 | ng | 98     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 1604353 | 39.602 | ng | 98     |
| 9) Benzaldehyde                | 6.35 | 77  | 697957  | 24.242 | ng | 99     |
| 10) Phenol                     | 6.45 | 94  | 1971437 | 38.066 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 1533452 | 38.284 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 1643984 | 37.767 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 1654609 | 37.645 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 1550725 | 37.828 | ng | 98     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 1396843 | 39.852 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 2972512 | 39.638 | ng | 100    |
| 17) 2-Methylphenol             | 7.06 | 107 | 1384176 | 41.850 | ng | 99     |
| 18) Hexachloroethane           | 7.32 | 117 | 637241  | 38.080 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 1142185 | 38.495 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 1576954 | 40.085 | ng | 99     |
| 22) Acetophenone               | 7.21 | 105 | 2097680 | 39.165 | ng | # 97   |
| 24) Nitrobenzene               | 7.38 | 77  | 1714270 | 39.466 | ng | 96     |
| 25) Isophorone                 | 7.62 | 82  | 3179696 | 44.732 | ng | 99     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 856890  | 39.705 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.74 | 122 | 1513825 | 45.394 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 2036827 | 41.379 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 1364612 | 40.019 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 1317695 | 39.230 | ng | 99     |
| 31) Naphthalene                | 8.10 | 128 | 4420347 | 43.267 | ng | 99     |
| 32) Benzoic acid               | 7.86 | 122 | 1171454 | 42.479 | ng | 97     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 1139650 | 23.225 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 700754  | 37.795 | ng | 97     |
| 35) Caprolactam                | 8.52 | 113 | 477659m | 39.531 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 1454472 | 41.660 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 3031012 | 44.686 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 2871846 | 43.235 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 1057757 | 34.051 | ng | 98     |

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 1422524  | 80.410 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 898376   | 38.528 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 912604   | 37.571 | nq    | 94       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 3358287  | 36.190 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 2700998  | 36.976 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.37  | 65   | 960703   | 38.554 | nq    | 99       |
| 49) Acenaphthylene             | 9.70  | 152  | 4155757  | 39.188 | nq    | 99       |
| 50) Dimethylphthalate          | 9.56  | 163  | 3054123  | 37.077 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 730356   | 40.149 | nq    | 94       |
| 52) Acenaphthene               | 9.87  | 154  | 2772216  | 41.657 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.79  | 138  | 568288   | 25.309 | nq    | 93       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 597224   | 83.079 | nq    | 97       |
| 55) Dibenzofuran               | 10.05 | 168  | 3619639  | 39.980 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.95  | 139  | 1308011  | 74.796 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 972320   | 43.357 | nq    | 93       |
| 58) Fluorene                   | 10.39 | 166  | 2672398  | 38.145 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 748817   | 40.670 | nq    | 100      |
| 60) Diethylphthalate           | 10.27 | 149  | 2972845  | 37.855 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.38 | 204  | 1209855  | 34.780 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 814538   | 38.339 | nq    | 99       |
| 63) Azobenzene                 | 10.54 | 77   | 3130838  | 38.399 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 392536   | 35.635 | nq    | 84       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 2532915  | 39.698 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 779586   | 37.974 | nq    | 95       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 800542   | 38.333 | nq    | 99       |
| 69) Atrazine                   | 11.03 | 200  | 785485   | 40.484 | nq    | 97       |
| 70) Pentachlorophenol          | 11.13 | 266  | 945617   | 62.417 | nq    | 99       |
| 71) Phenanthrene               | 11.35 | 178  | 3754354  | 39.712 | nq    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 3846277  | 38.887 | nq    | 99       |
| 73) Carbazole                  | 11.55 | 167  | 3621236  | 35.014 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 4183202  | 39.352 | nq    | 99       |
| 75) Fluoranthene               | 12.53 | 202  | 3681267  | 42.626 | nq    | 97       |
| 77) Benzidine                  | 12.65 | 184  | 1924048  | 53.079 | nq    | 99       |
| 78) Pyrene                     | 12.76 | 202  | 3735014  | 42.813 | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 1862247  | 40.868 | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.94 | 228  | 2823489  | 41.456 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 775411   | 27.777 | nq    | 99       |
| 83) Chrysene                   | 13.99 | 228  | 2814130  | 40.079 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 2120731  | 39.167 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 3713441  | 40.917 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.81 | 276  | 2440437  | 43.057 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.98 | 252  | 2630988  | 45.312 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 2265295  | 41.496 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.34 | 252  | 2341037  | 43.783 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.83 | 278  | 2023625  | 48.185 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.24 | 276  | 2079672  | 49.468 | nq    | 97       |

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

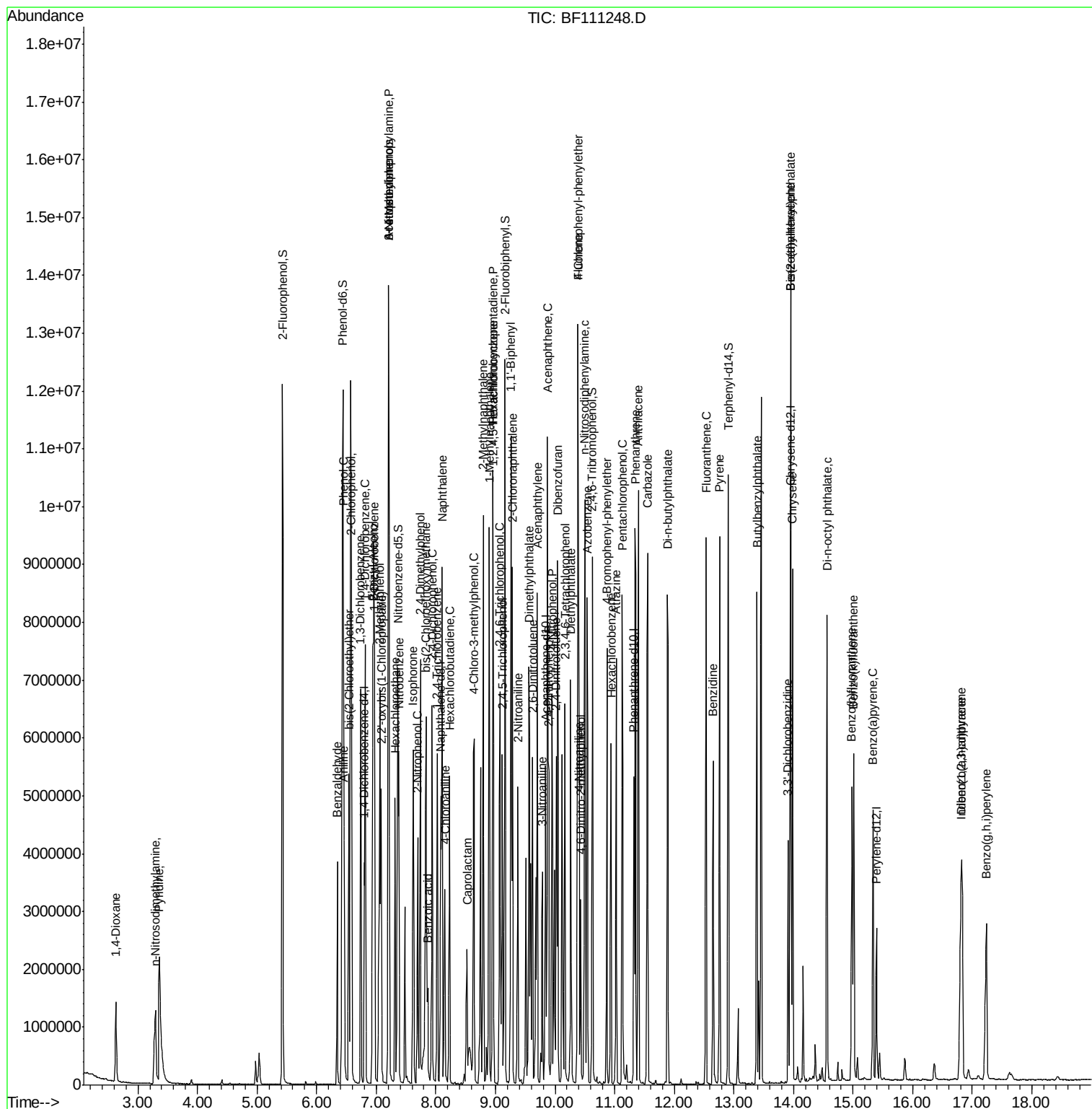
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\  
Data File : BF111248.D  
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Sample : PB115276BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

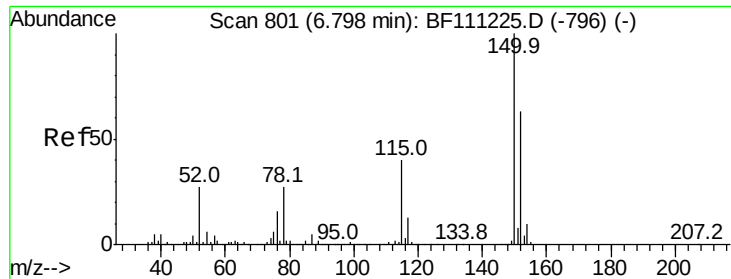
Instrument :  
BNA\_F  
ClientSampled :  
PB115276BS

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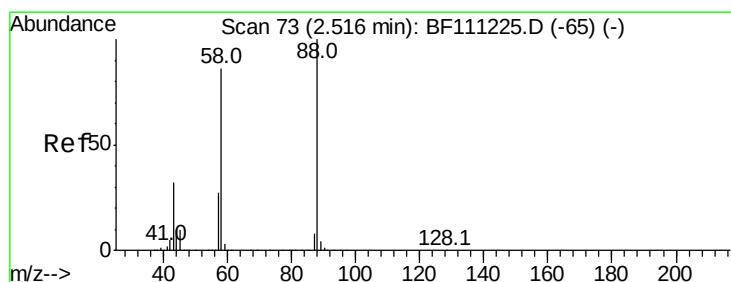
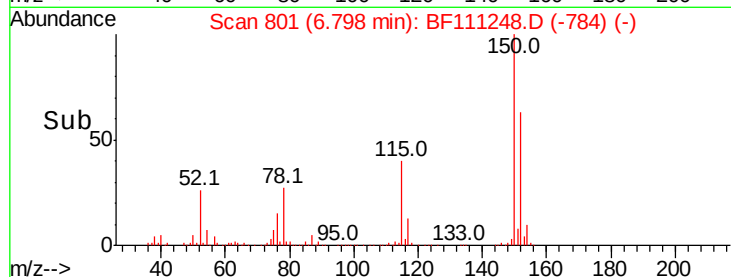
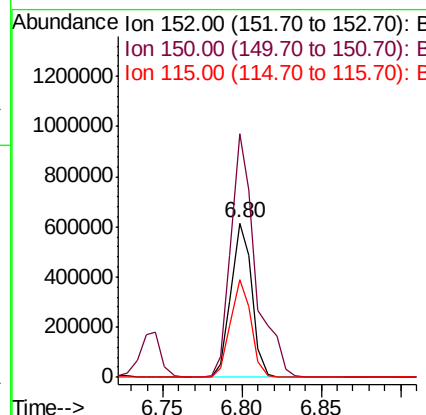
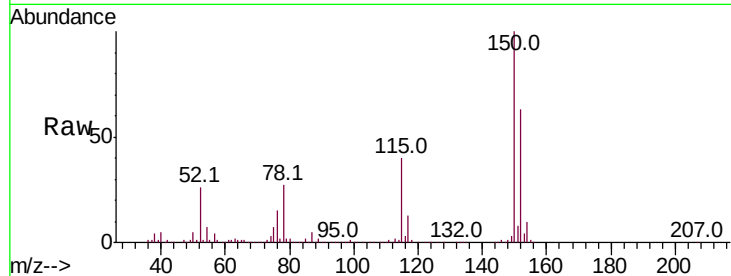
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.80 min Scan# 801  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.7 | 126.6 | 189.8 |
| 115     | 63.1  | 50.7  | 76.1  |

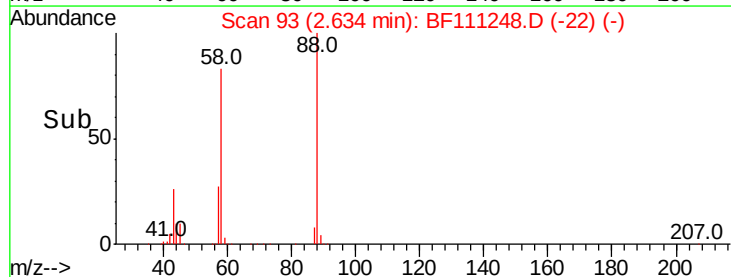
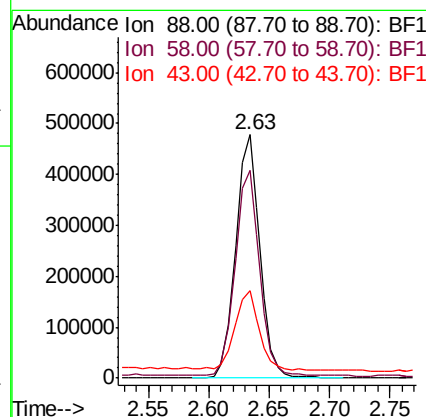
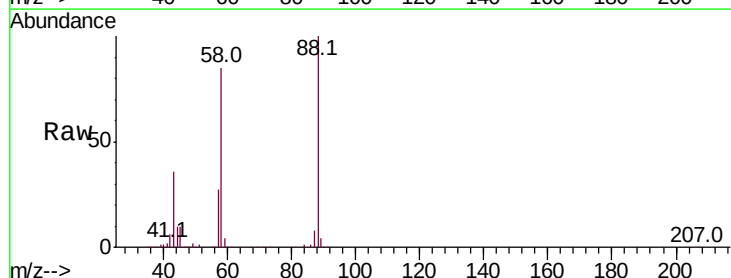
Manual Integrations  
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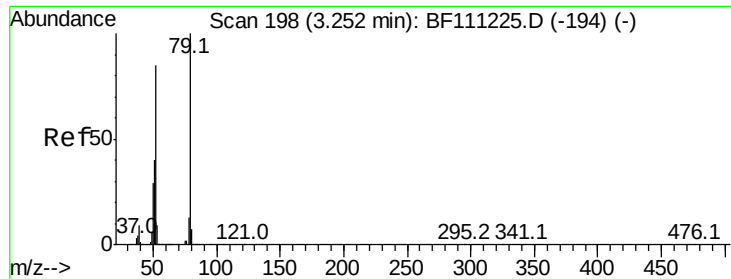
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#2  
 1,4-Dioxane  
 Concen: 36.295 ng  
 RT: 2.63 min Scan# 93  
 Delta R.T. 0.12 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.4  | 68.9  | 103.3 |
| 43      | 33.9  | 25.8  | 38.6  |





#3

Pvridine

Concen: 37.377 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.11 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion: 79 Resp: 1815855

Ion Ratio Lower Upper

79 100

52 85.3 68.3 102.5

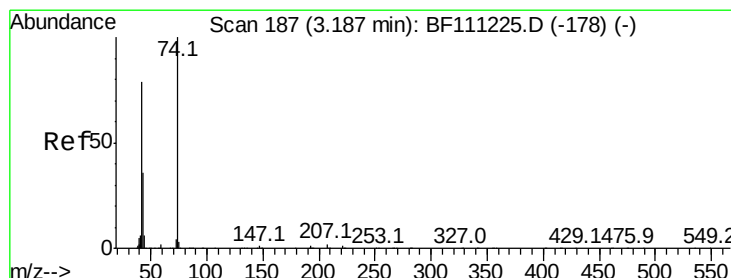
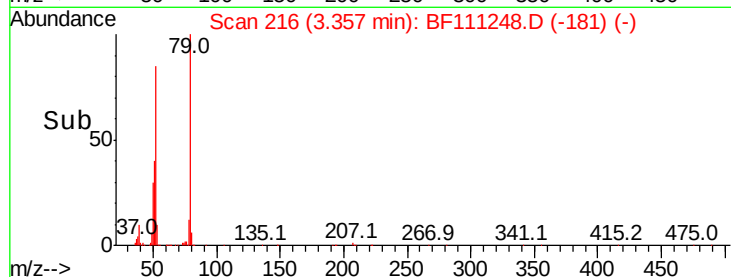
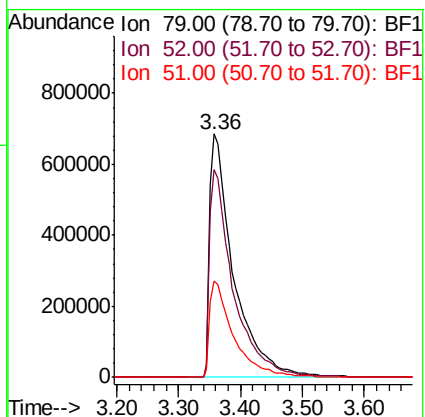
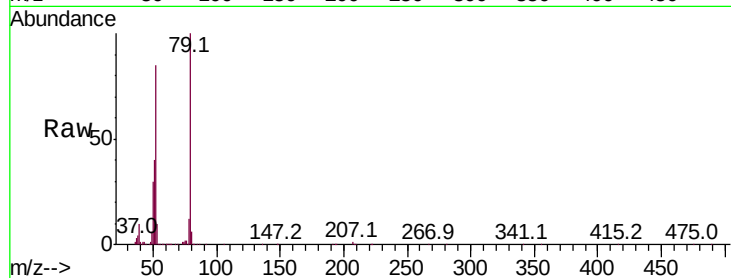
51 39.8 32.6 49.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.264 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.11 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

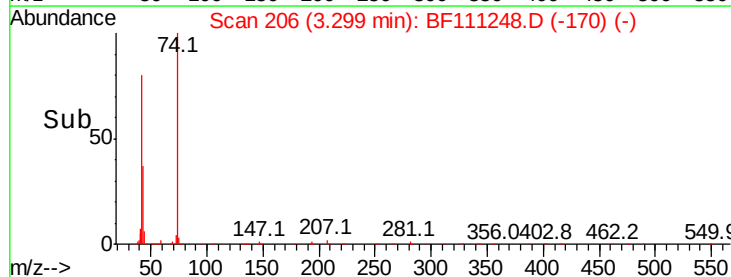
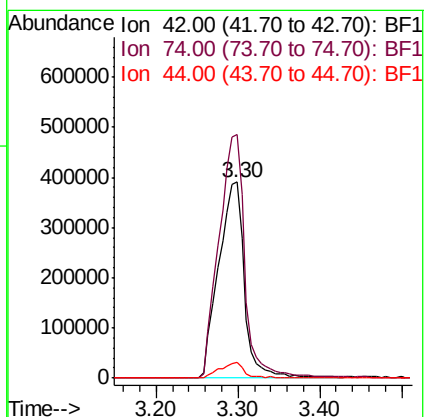
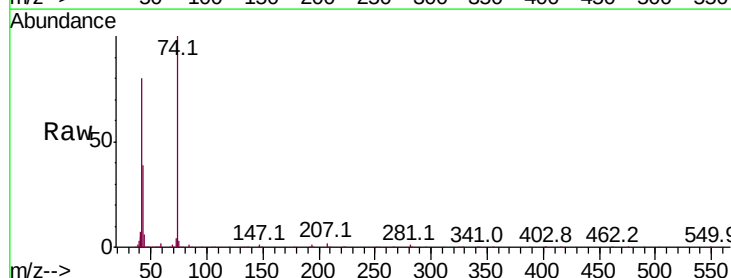
Tgt Ion: 42 Resp: 854708

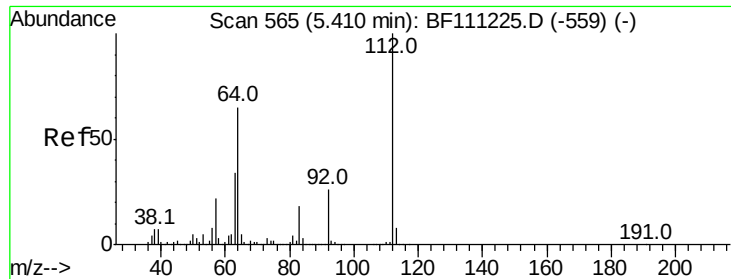
Ion Ratio Lower Upper

42 100

74 124.4 101.5 152.3

44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 107.241 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion:112 Resp: 3822128

Ion Ratio Lower Upper

112 100

64 65.6 51.8 77.6

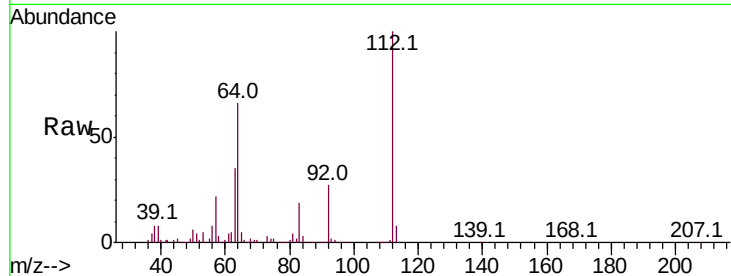
63 35.3 26.8 40.2

Manual Integrations

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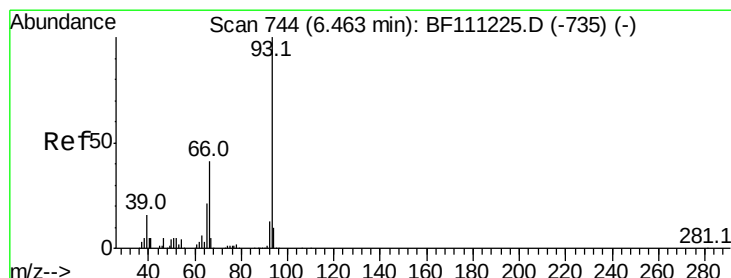
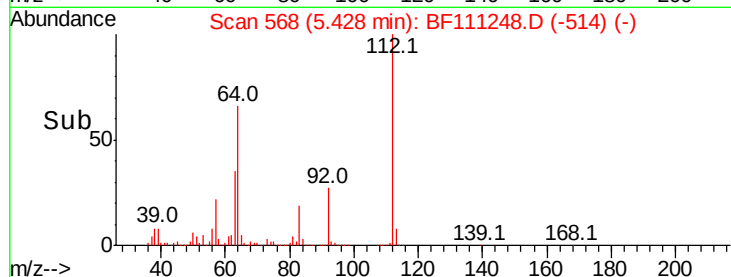
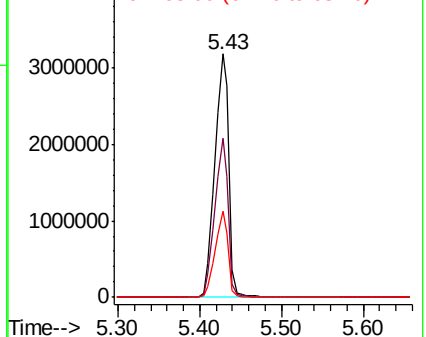
12/11/2018 2:23:29 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.390 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

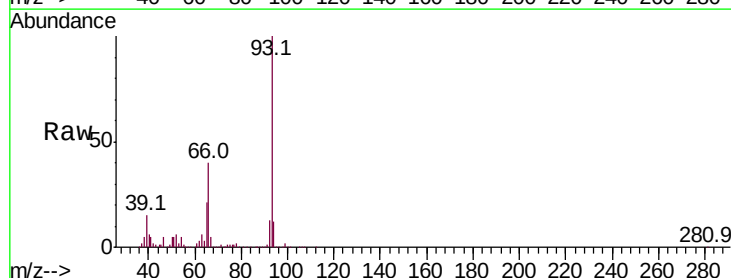
Tgt Ion: 93 Resp: 1853720

Ion Ratio Lower Upper

93 100

66 40.0 33.2 49.8

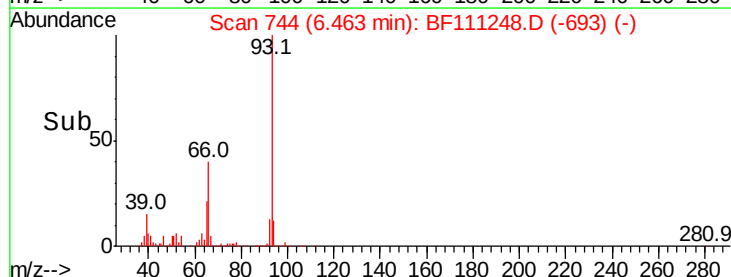
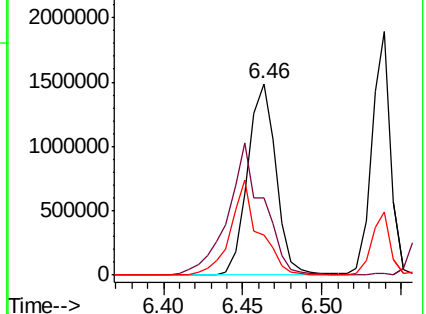
65 20.8 17.0 25.4

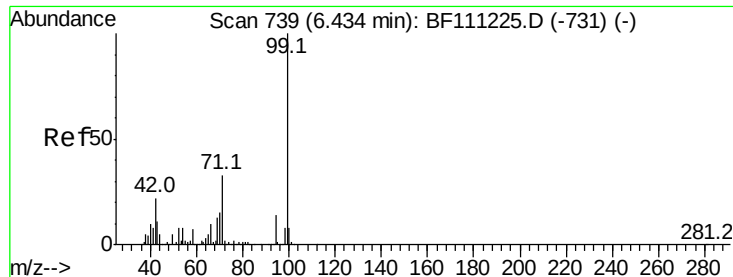


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.124 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion: 99 Resp: 4877626

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

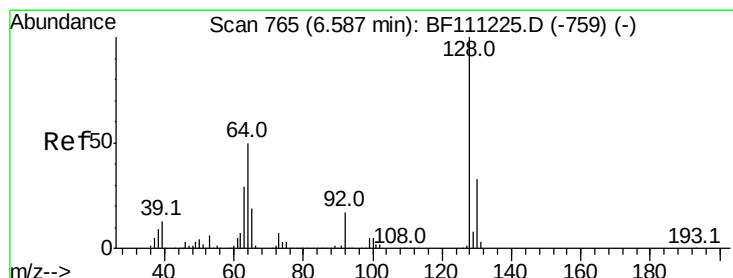
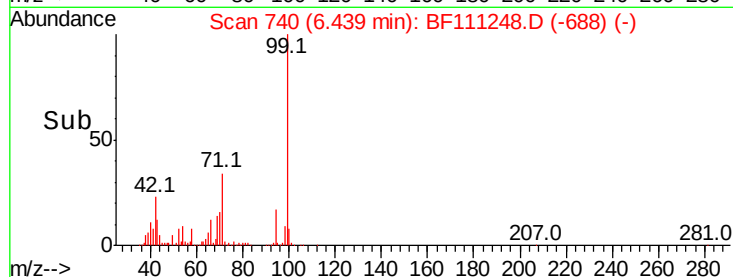
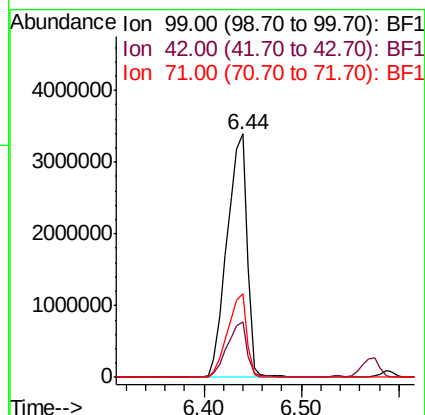
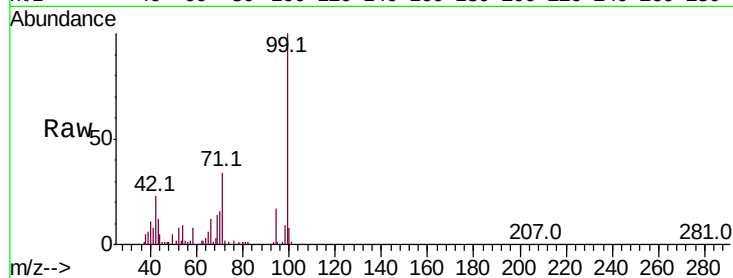
71 34.3 26.1 39.1

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.602 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

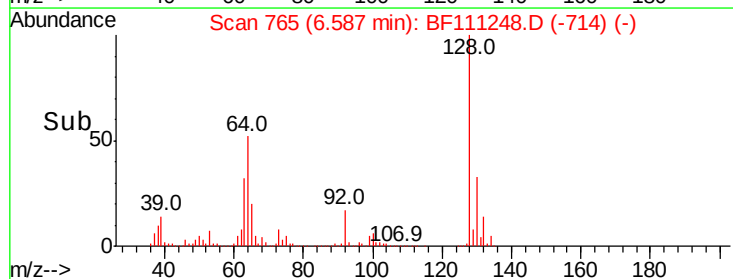
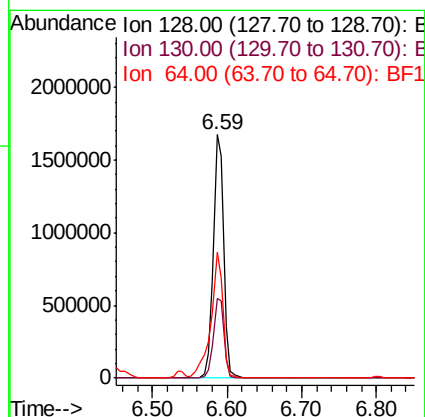
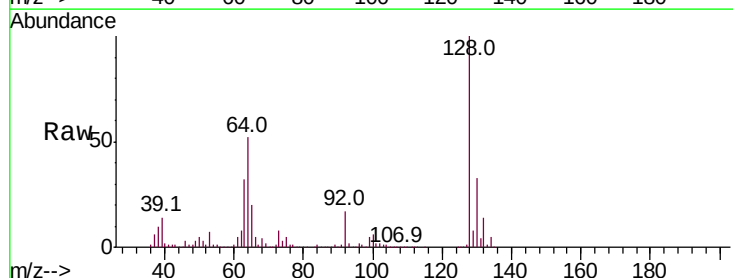
Tgt Ion:128 Resp: 1604353

Ion Ratio Lower Upper

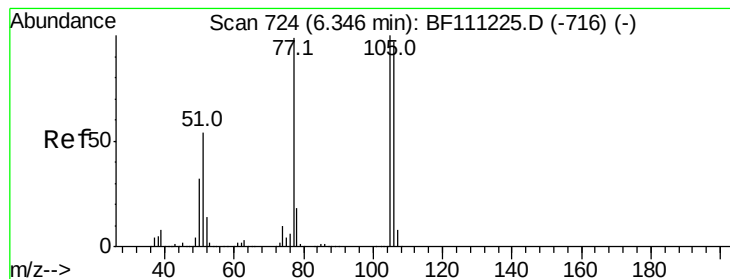
128 100

130 32.8 12.7 52.7

64 51.7 30.0 70.0







#9

Benzaldehyde

Concen: 24.242 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

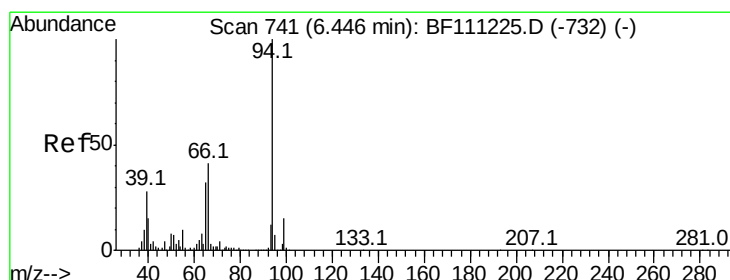
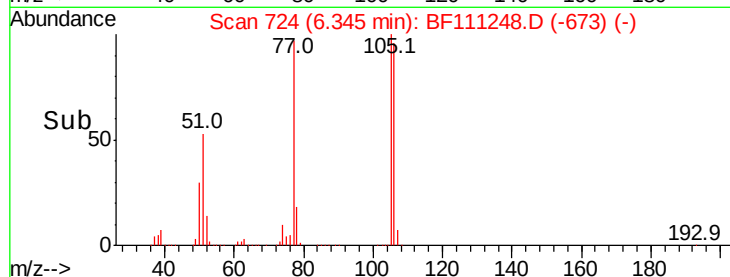
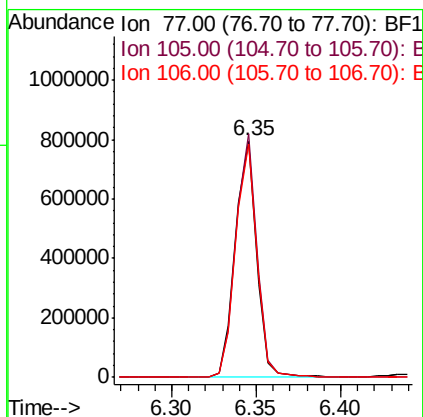
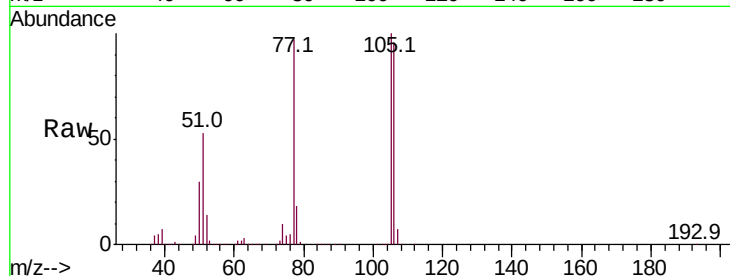
ClientSampleID :

PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 103.0 | 81.4  | 121.4 |
| 106     | 98.8  | 77.9  | 117.9 |

Manual Integrations  
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#10

Phenol

Concen: 38.066 ng

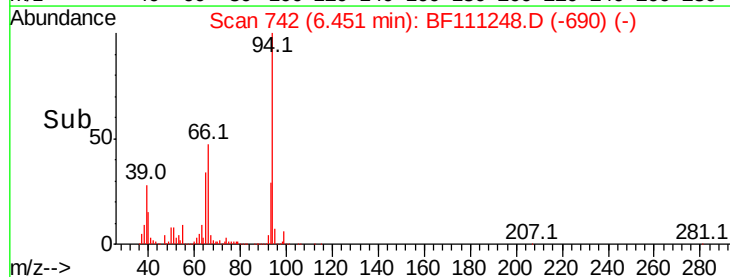
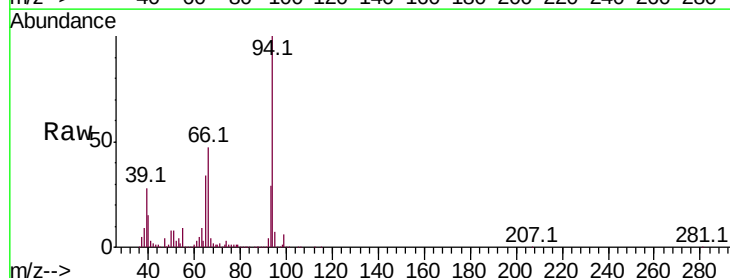
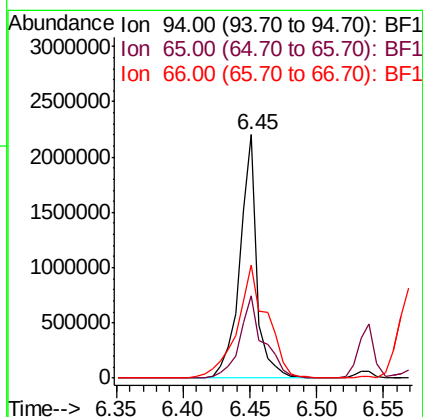
RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

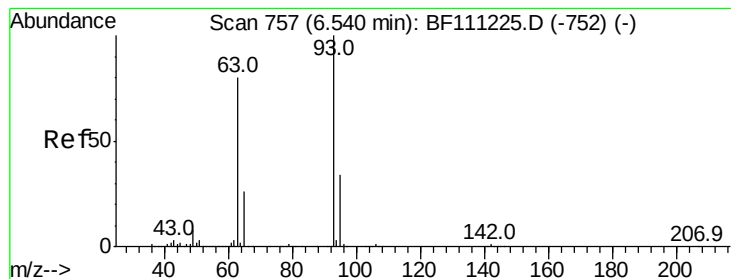
Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 33.6  | 11.7  | 51.7  |
| 66      | 46.5  | 21.0  | 61.0  |







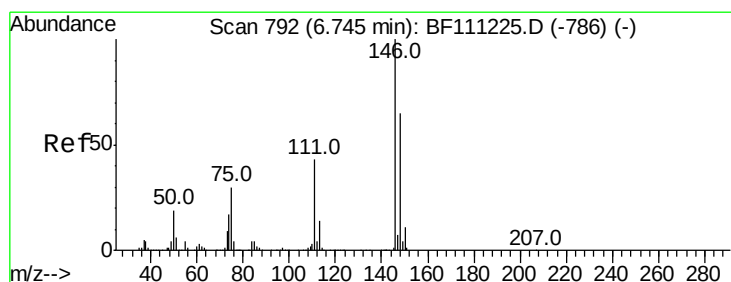
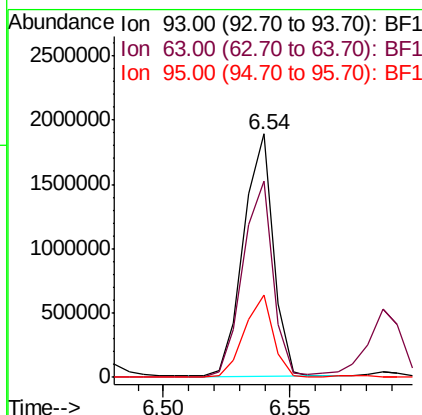
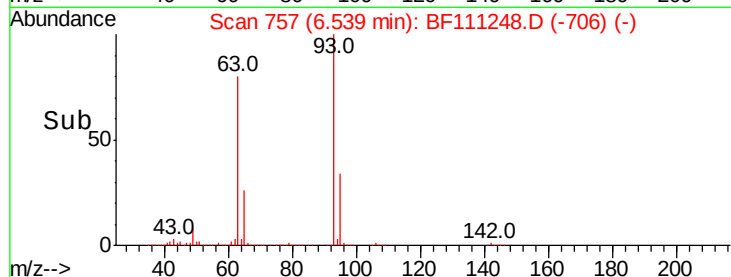
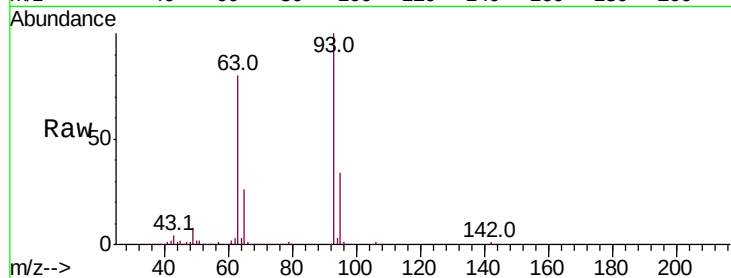
#11  
bis(2-Chloroethyl)ether  
Concen: 38.284 ng  
RT: 6.54 min Scan# 757  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

Tot Ion: 93 Resp: 1533452  
Ion Ratio Lower Upper  
93 100  
63 80.4 60.0 100.0  
95 34.1 13.4 53.4

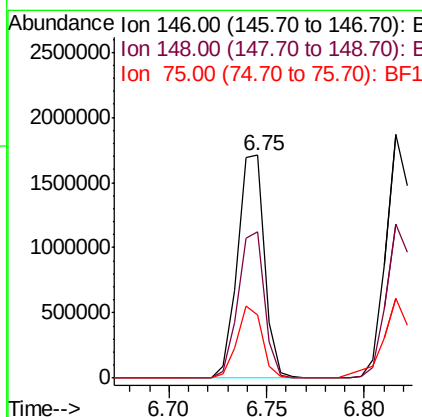
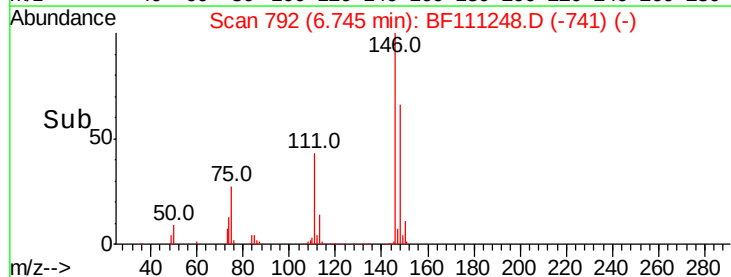
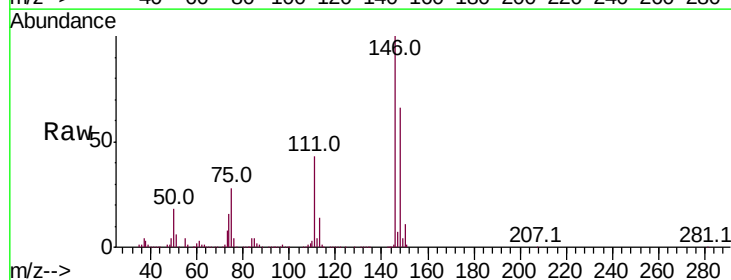
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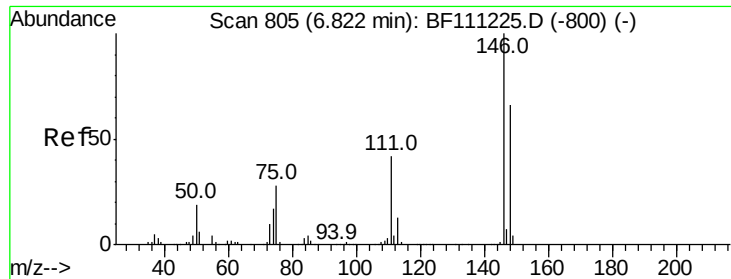
Sohil  
12/11/2018 2:23:29 PM



#12  
1,3-Dichlorobenzene  
Concen: 37.767 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Tgt Ion: 146 Resp: 1643984  
Ion Ratio Lower Upper  
146 100  
148 65.5 52.1 78.1  
75 28.2 23.9 35.9





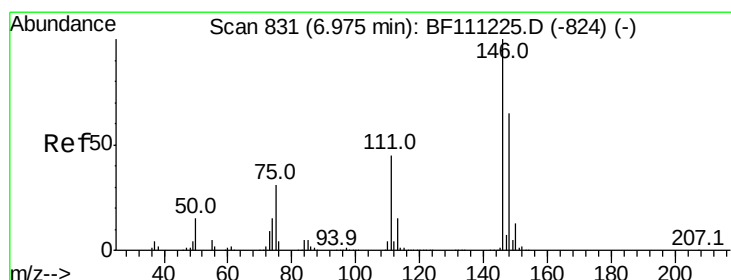
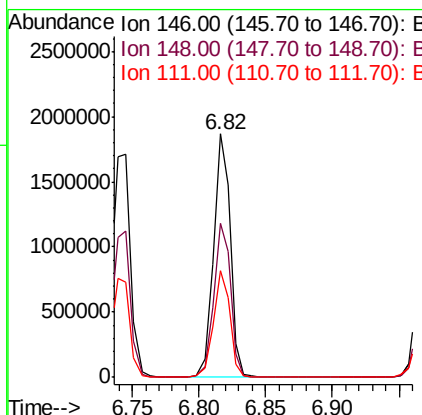
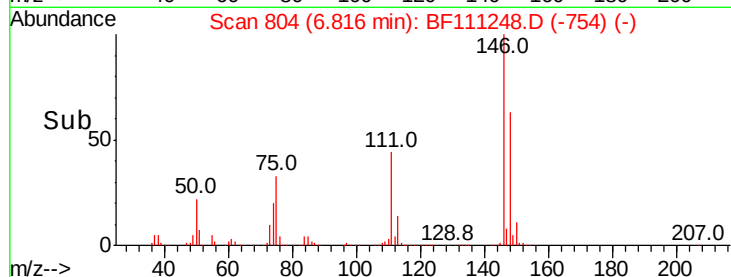
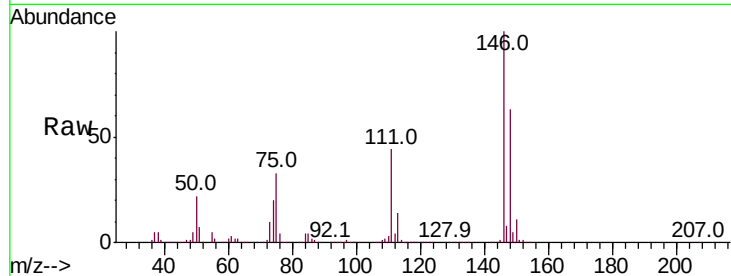
#13  
1,4-Dichlorobenzene  
Concen: 37.645 ng  
RT: 6.82 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleID :  
PB115276BS

Tot Ion:146 Resp: 1654609  
Ion Ratio Lower Upper  
146 100  
148 63.3 52.8 79.2  
111 43.9 33.4 50.0

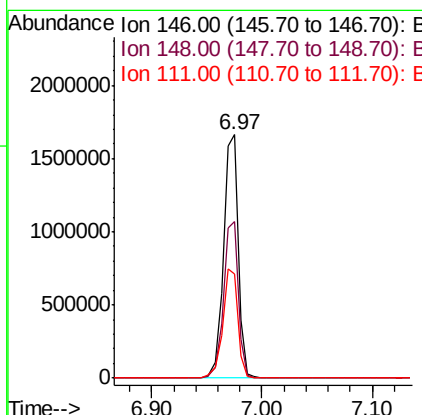
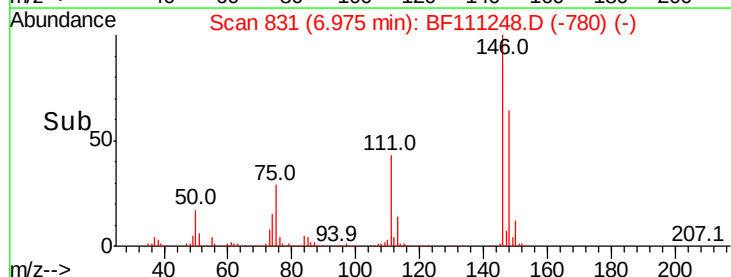
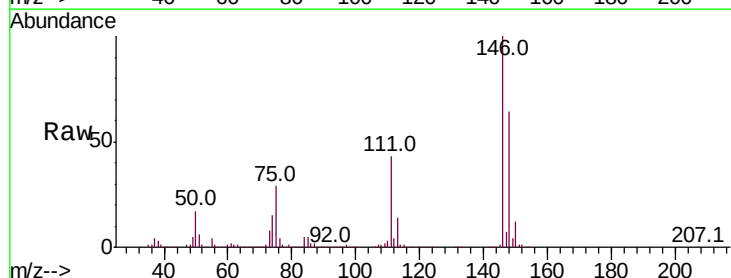
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APPROVED

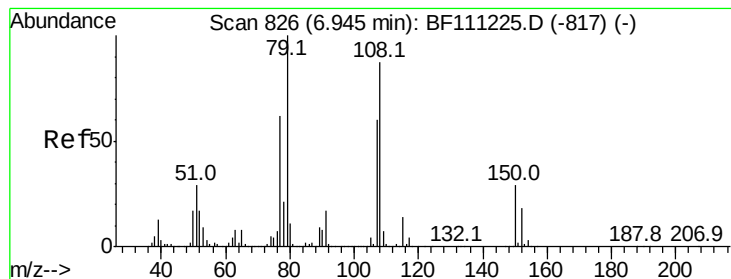
Sohil  
12/11/2018 2:23:29 PM



#14  
1,2-Dichlorobenzene  
Concen: 37.828 ng  
RT: 6.97 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Tgt Ion:146 Resp: 1550725  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.9 77.9  
111 42.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.852 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion: 79 Resp: 1396843

Ion Ratio Lower Upper

79 100

108 82.5 69.4 104.2

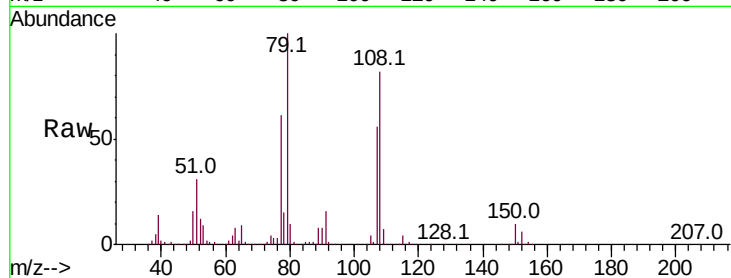
77 61.4 49.7 74.5

Manual Integrations

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Sohil

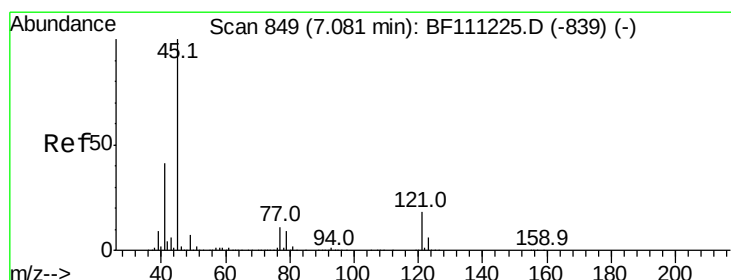
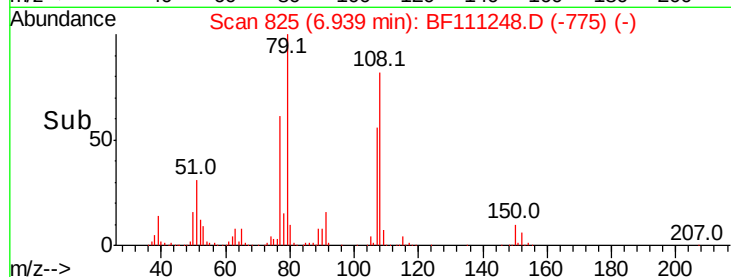
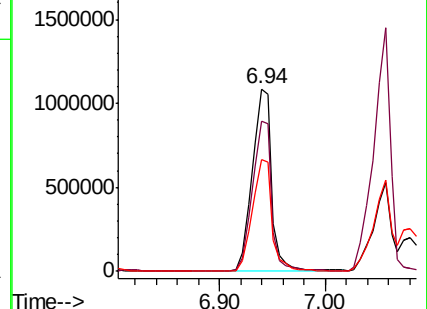
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.638 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

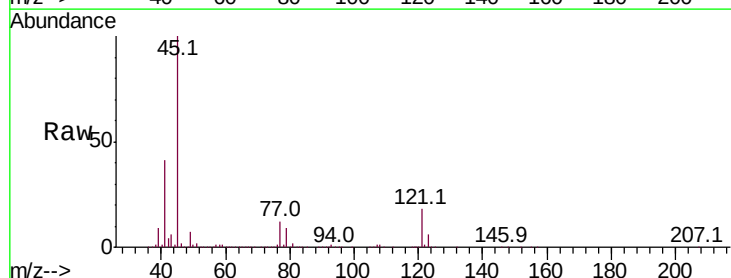
Tgt Ion: 45 Resp: 2972512

Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.5

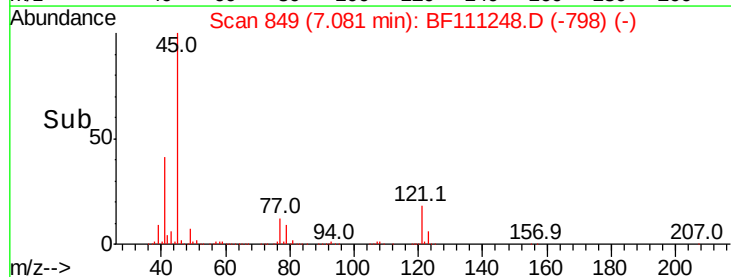
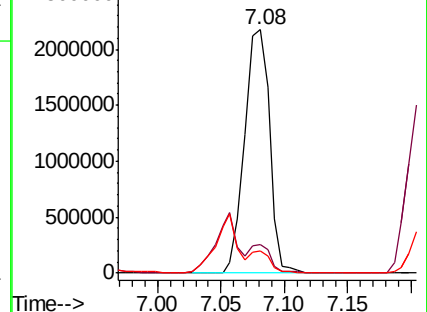
79 9.1 0.0 28.9

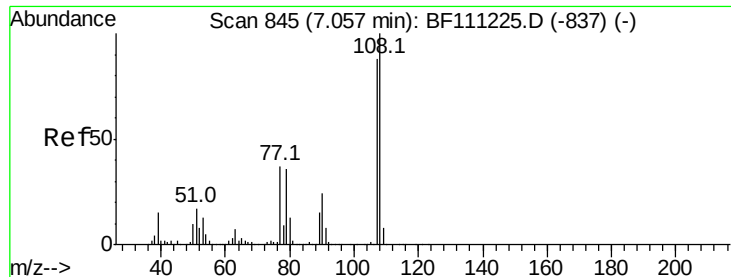


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





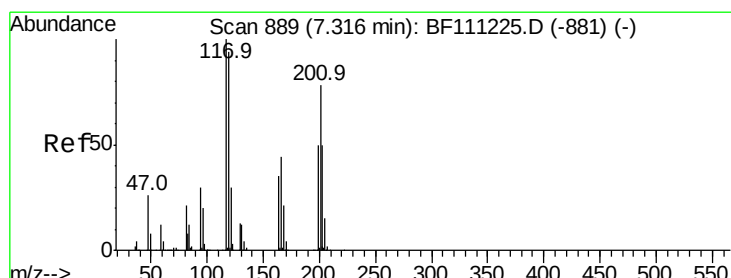
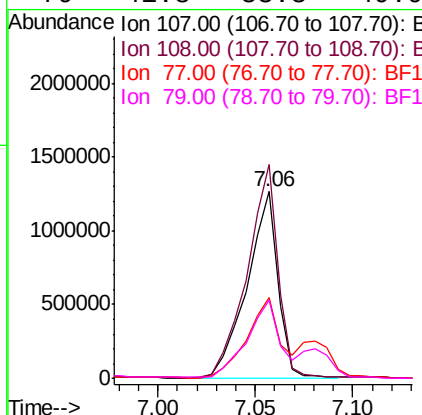
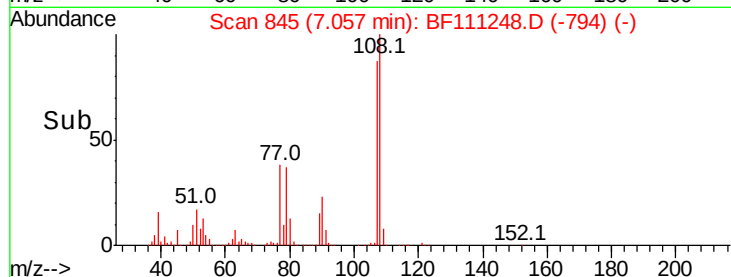
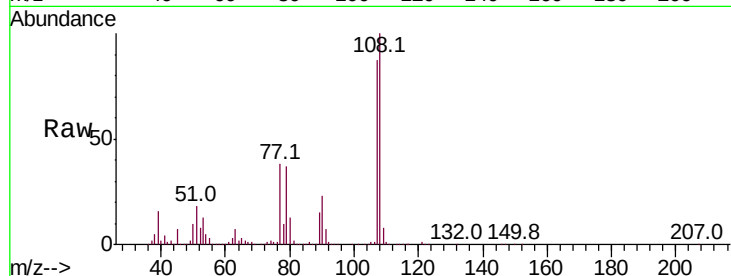
#17  
2-Methylphenol  
Concen: 41.850 ng  
RT: 7.06 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | 107   | Resp  | 1384176 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 107     | 100   |       |         |
| 108     | 114.5 | 91.0  | 136.4   |
| 77      | 43.2  | 33.5  | 50.3    |
| 79      | 41.8  | 33.3  | 49.9    |

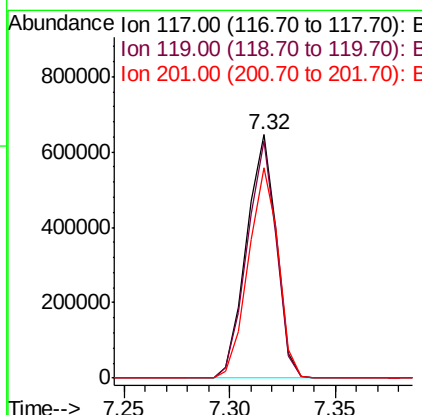
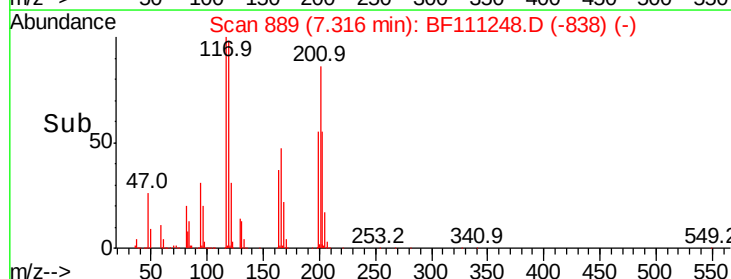
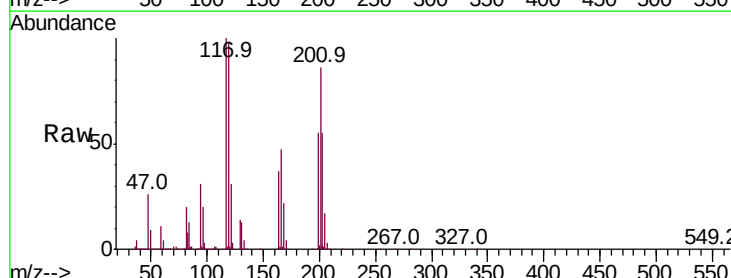
Manual Integrations  
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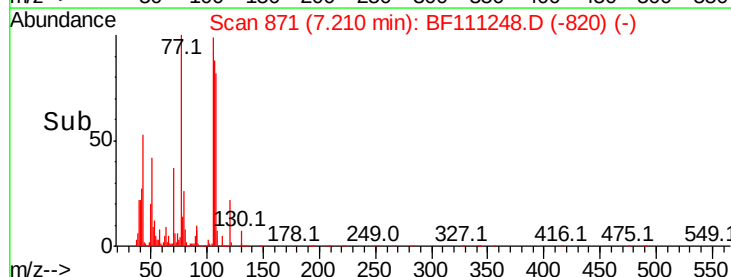
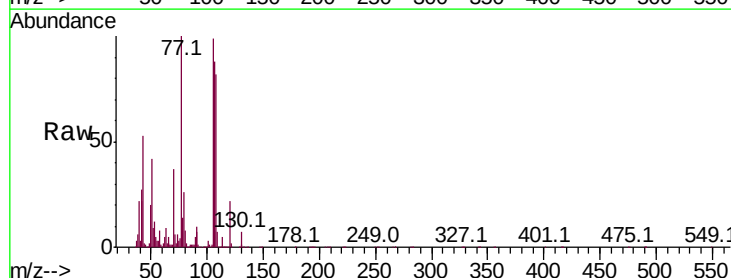
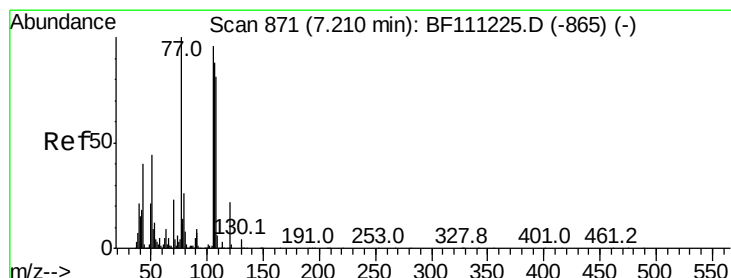
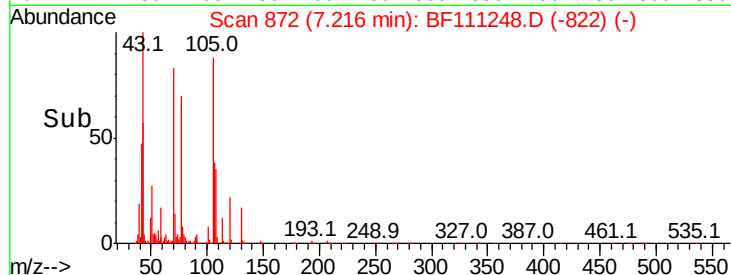
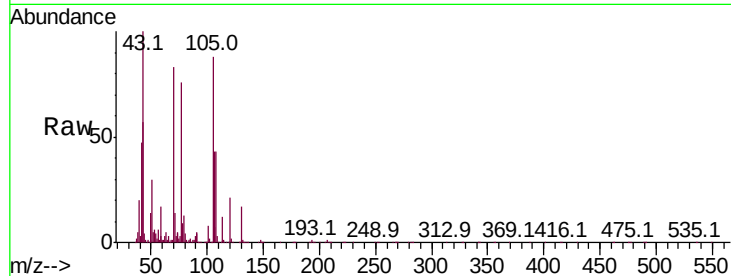
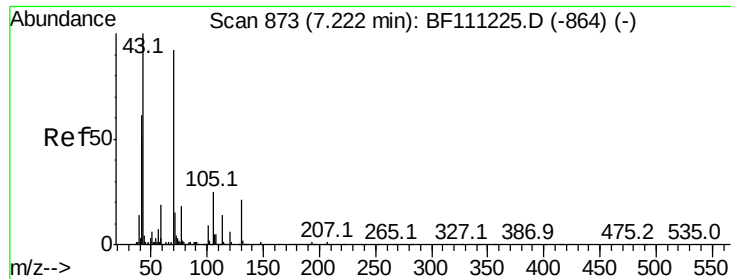
Sohil  
12/11/2018 2:23:29 PM



#18  
Hexachloroethane  
Concen: 38.080 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

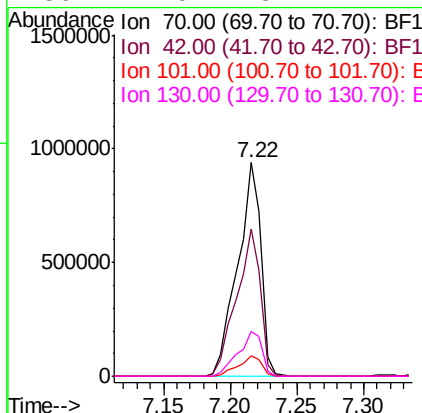
| Tgt Ion | 117   | Resp  | 637241 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 97.6  | 75.4  | 113.0  |
| 201     | 86.2  | 62.4  | 93.6   |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.495 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 69.1  | 53.2  | 79.8  |
| 101     | 9.7   | 8.2   | 12.4  |
| 130     | 21.0  | 18.1  | 27.1  |



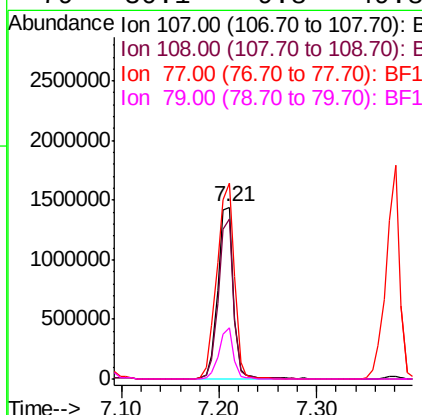
Instrument :  
BNA\_F  
ClientSampled :  
PB115276BS

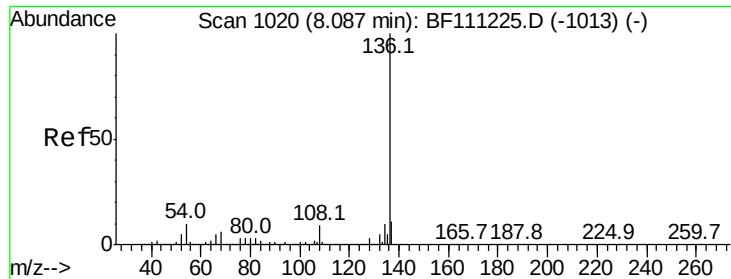
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 40.085 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.0  | 72.1  | 112.1 |
| 77      | 113.9 | 94.1  | 134.1 |
| 79      | 30.1  | 9.8   | 49.8  |





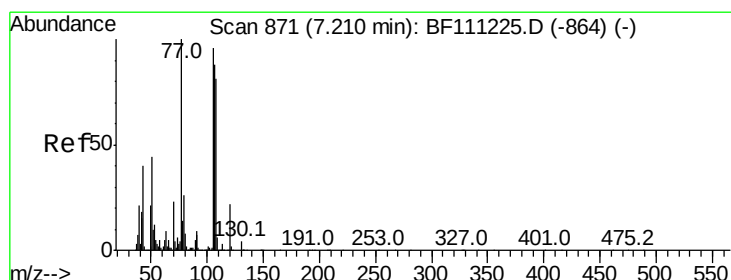
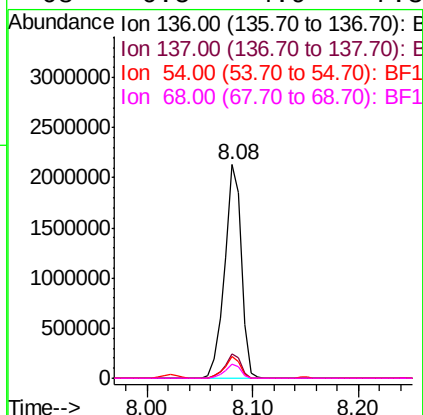
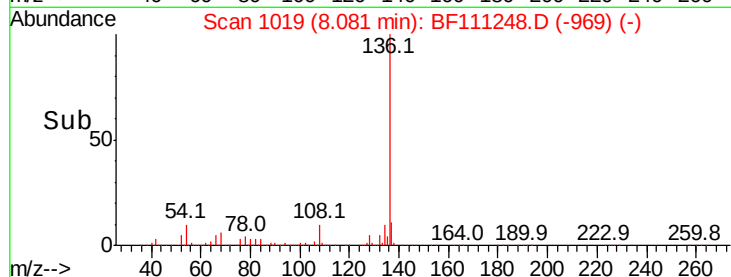
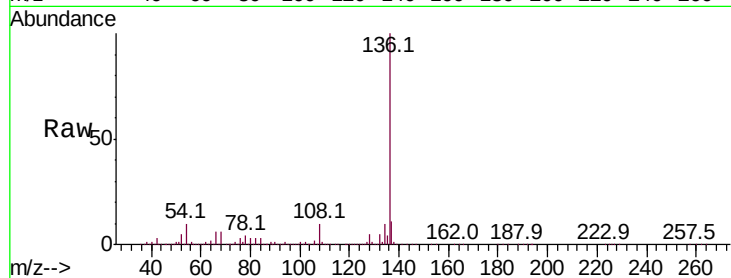
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | 136 | 137  | 54   | 68  |
|---------|-----|------|------|-----|
| Ratio   | 100 | 11.2 | 9.9  | 6.5 |
| Lower   |     | 9.1  | 7.7  | 4.9 |
| Upper   |     | 13.7 | 11.5 | 7.3 |

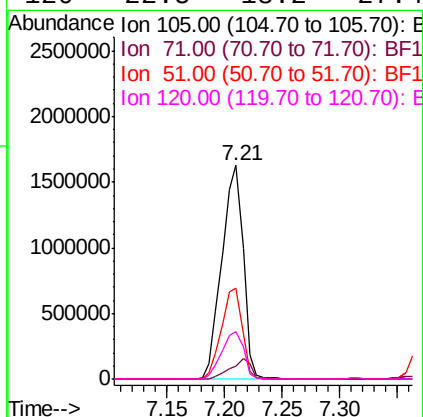
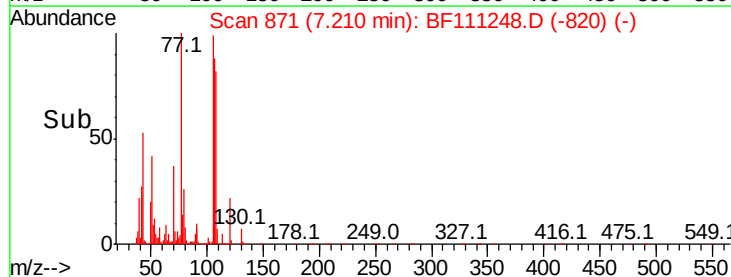
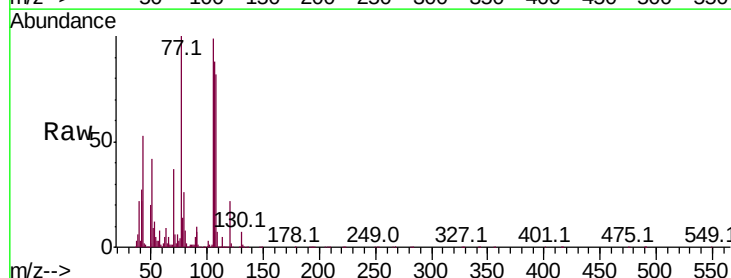
Manual Integrations  
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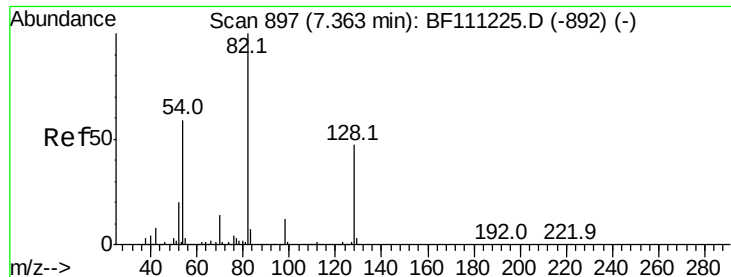
Sohil  
12/11/2018 2:23:29 PM



#22  
Acetophenone  
Concen: 39.165 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | 105 | 71   | 51   | 120  |
|---------|-----|------|------|------|
| Ratio   | 100 | 6.3  | 42.7 | 22.5 |
| Lower   |     | 3.1  | 36.6 | 18.2 |
| Upper   |     | 4.7# | 54.8 | 27.4 |





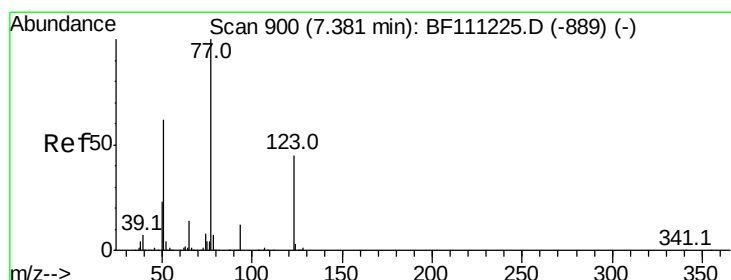
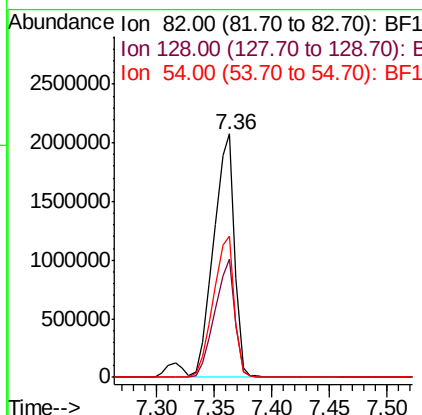
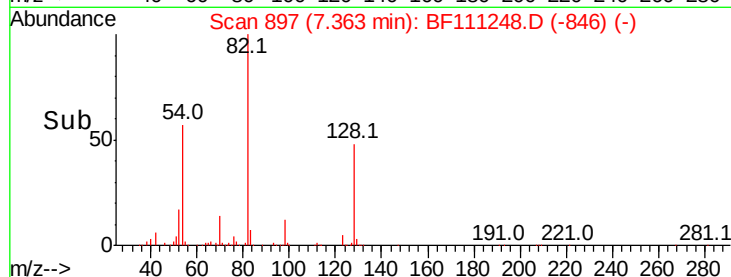
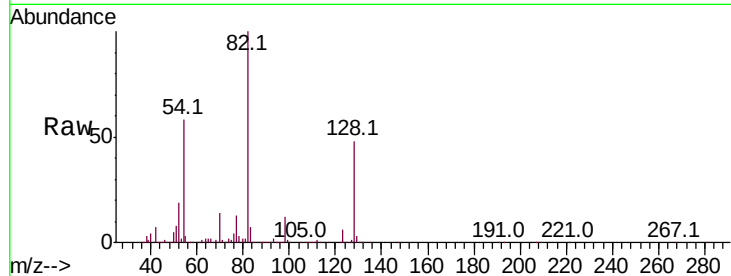
#23  
 Nitrobenzene-d5  
 Concen: 62.406 ng  
 RT: 7.36 min Scan# 897  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

| Tot Ion | 82    | Resp  | 2604478 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 82      | 100   |       |         |
| 128     | 48.3  | 37.4  | 56.2    |
| 54      | 57.8  | 47.6  | 71.4    |

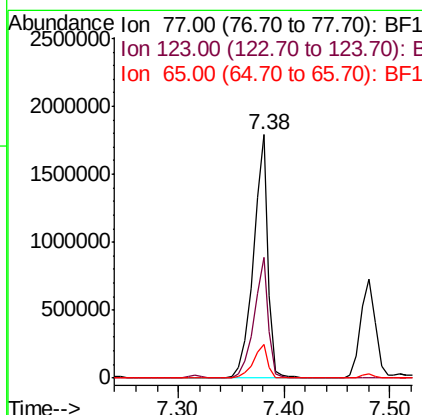
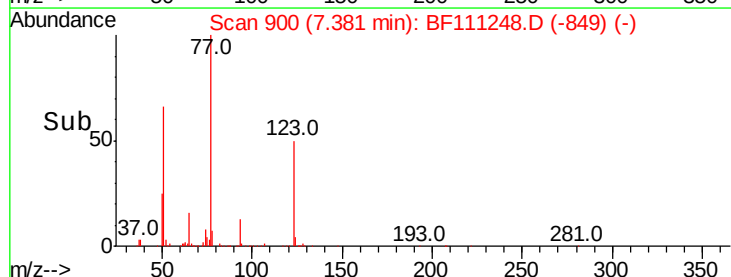
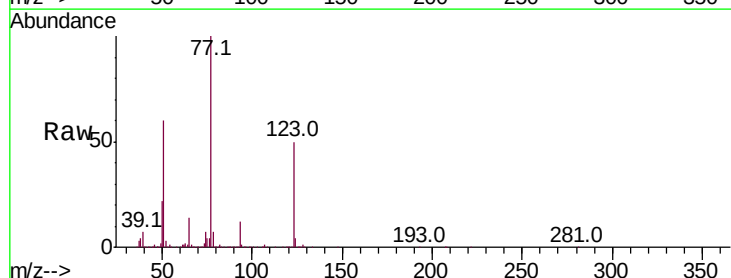
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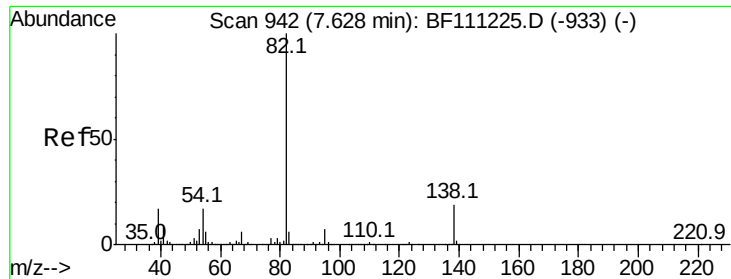


#24  
 Nitrobenzene  
 Concen: 39.466 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

| Tgt Ion | 77    | Resp  | 1714270 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 77      | 100   |       |         |
| 123     | 49.8  | 37.2  | 55.8    |
| 65      | 13.9  | 11.5  | 17.3    |







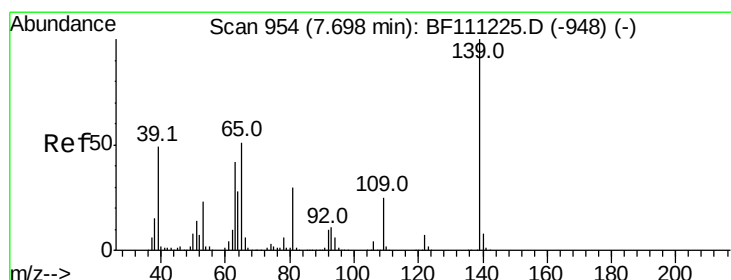
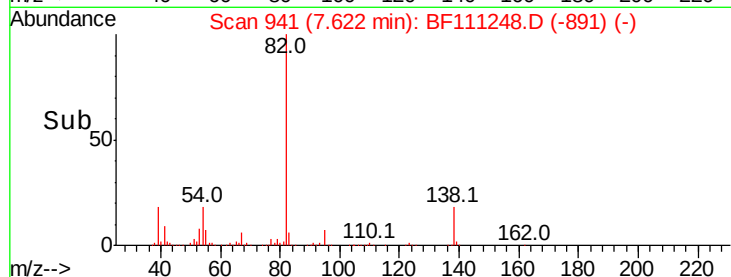
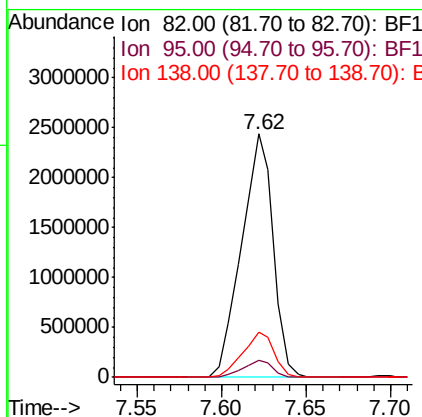
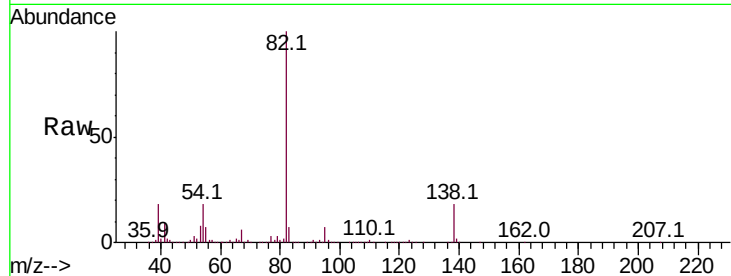
#25  
Isophorone  
Concen: 44.732 ng  
RT: 7.62 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

Tot Ion: 82 Resp: 3179696  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 18.3 15.1 22.7

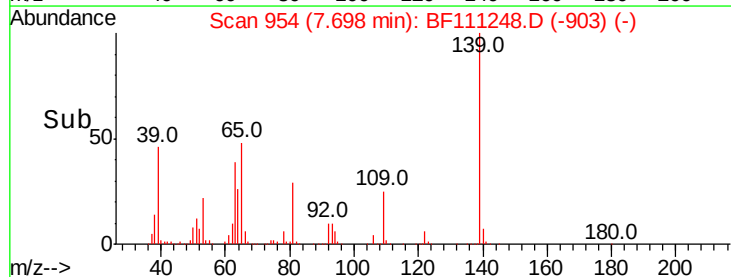
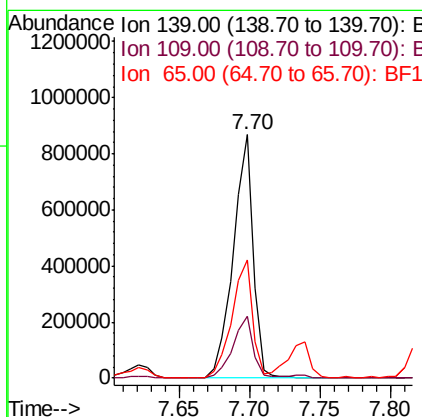
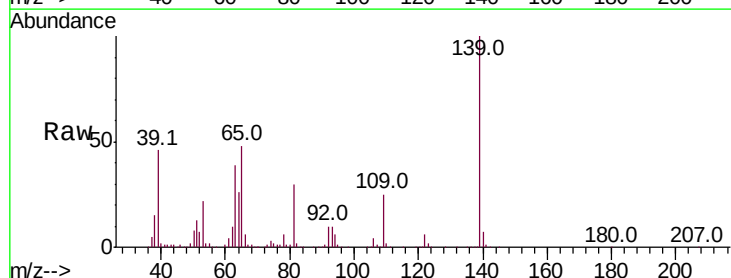
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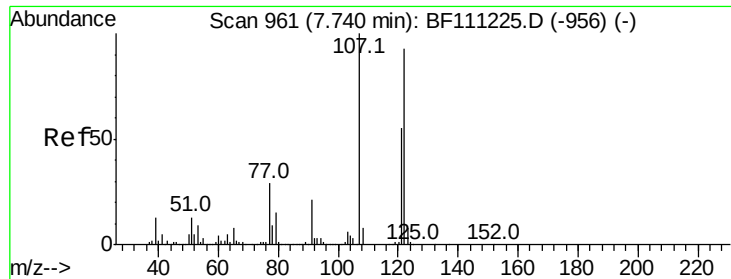
Sohil  
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#26  
2-Nitrophenol  
Concen: 39.705 ng  
RT: 7.70 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Tgt Ion: 139 Resp: 856890  
Ion Ratio Lower Upper  
139 100  
109 25.2 20.2 30.4  
65 48.4 40.7 61.1





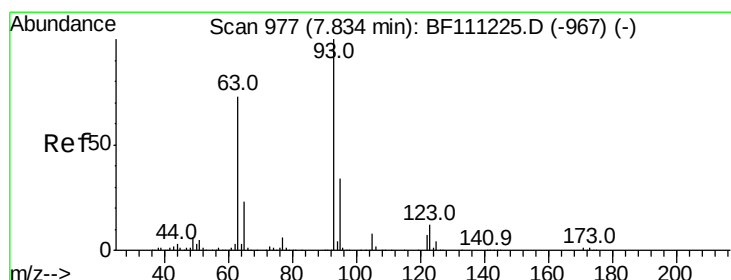
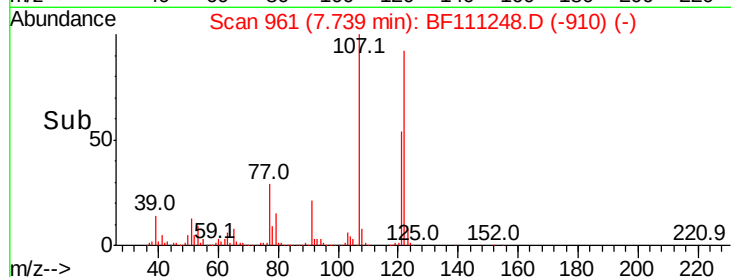
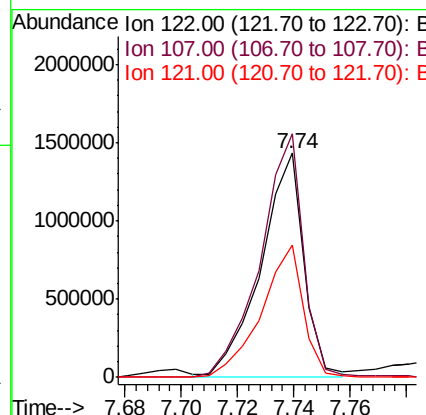
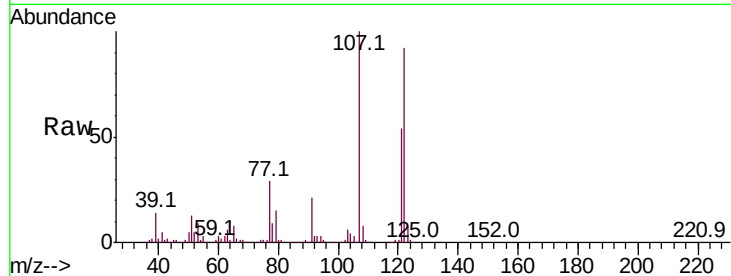
#27  
 2,4-Dimethylphenol  
 Concen: 45.394 ng  
 RT: 7.74 min Scan# 961  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.8 | 85.5  | 128.3 |
| 121     | 58.8  | 46.6  | 70.0  |

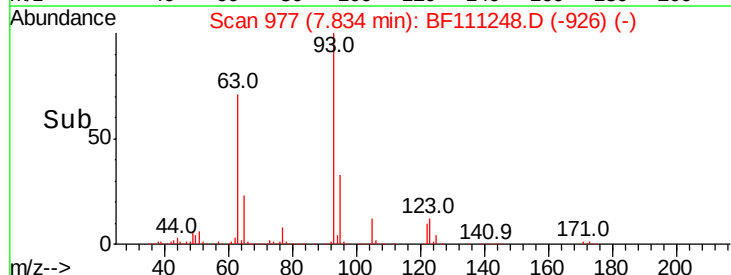
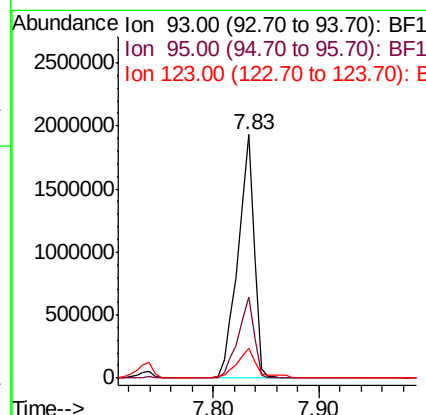
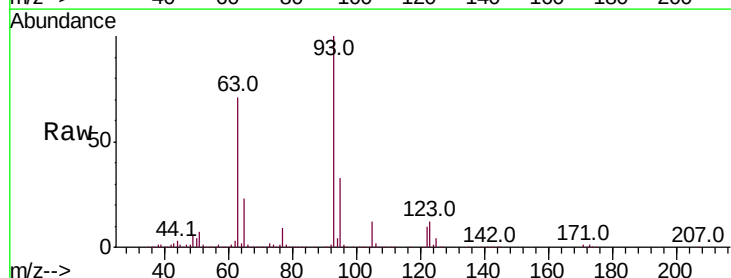
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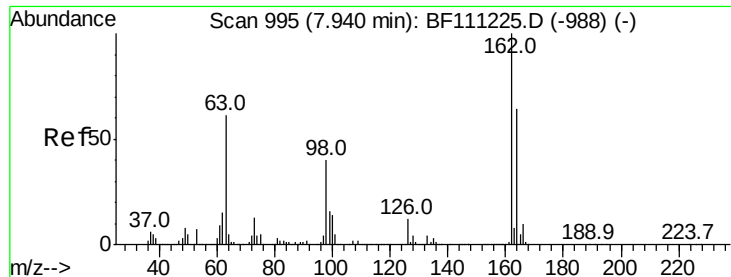
Sohil  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.379 ng  
 RT: 7.83 min Scan# 977  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 27.1  | 40.7  |
| 123     | 12.2  | 9.9   | 14.9  |





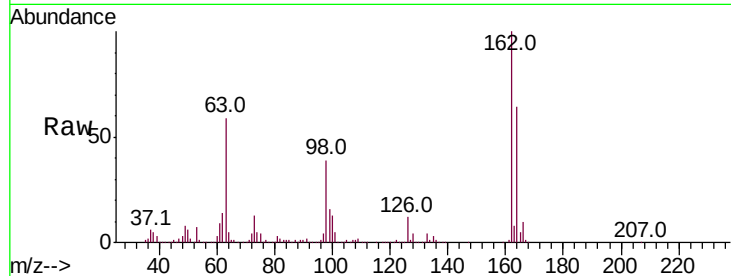
#29  
2,4-Dichlorophenol  
Concen: 40.019 ng  
RT: 7.94 min Scan# 995  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

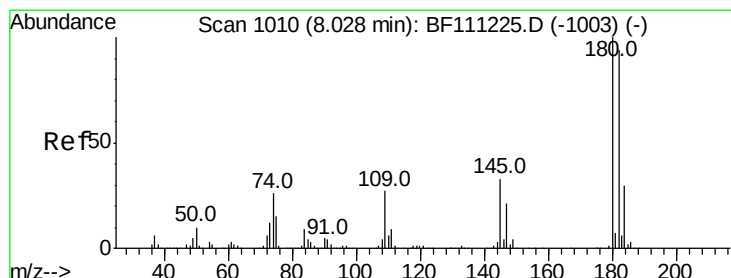
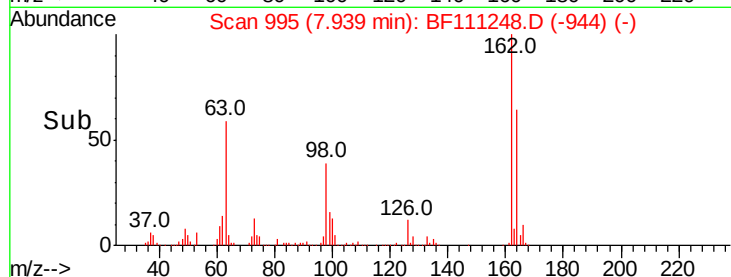
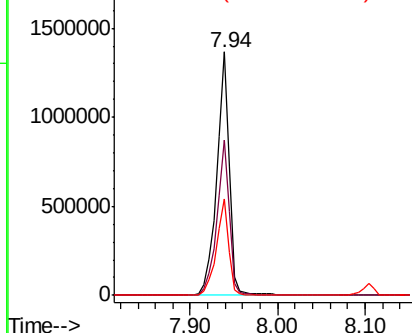
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.0  | 44.4  | 84.4  |
| 98      | 39.4  | 20.3  | 60.3  |

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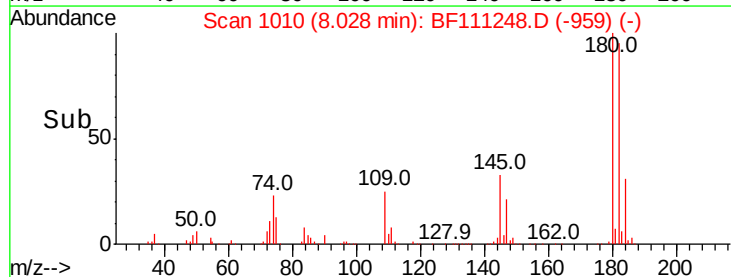
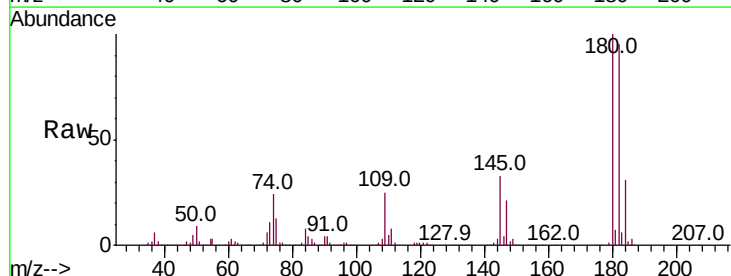
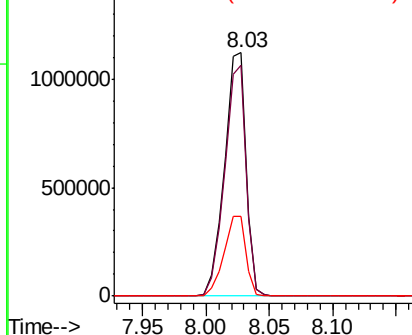
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

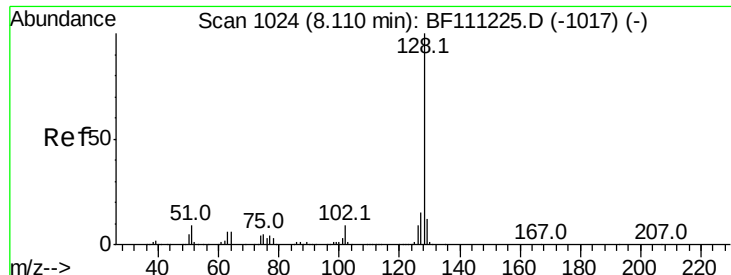


#30  
1,2,4-Trichlorobenzene  
Concen: 39.230 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 75.6  | 113.4 |
| 145     | 32.7  | 26.7  | 40.1  |

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





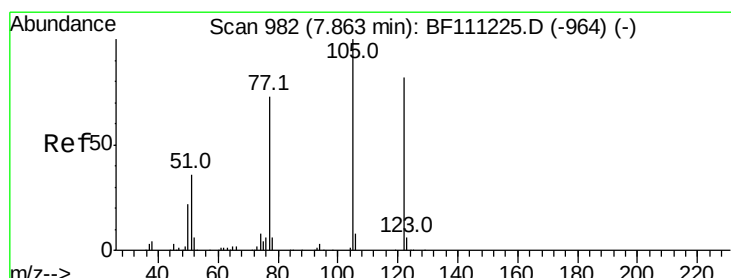
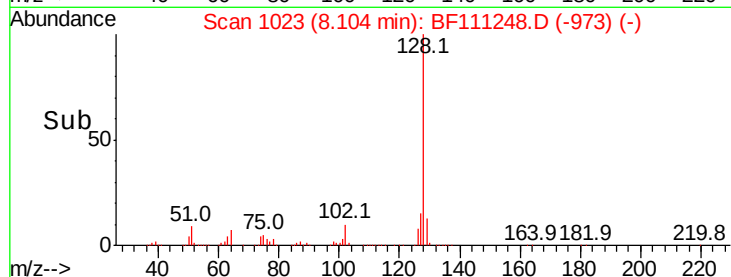
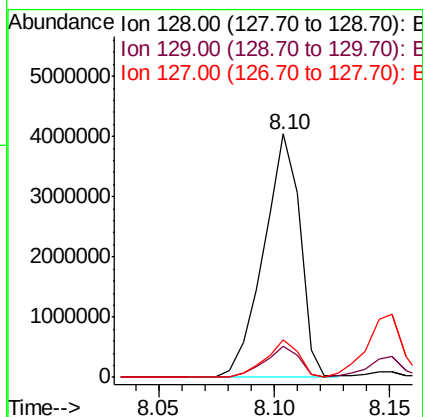
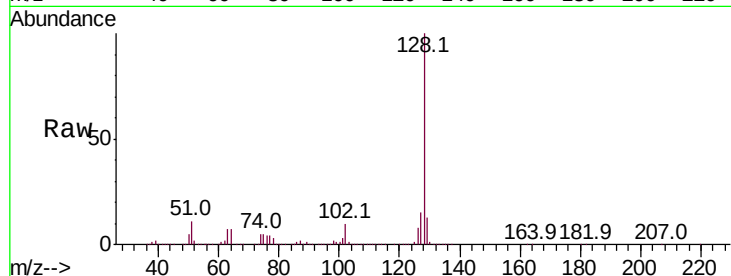
#31  
Naphthalene  
Concen: 43.267 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

Tot Ion:128 Resp: 4420347  
Ion Ratio Lower Upper  
128 100  
129 12.7 9.8 14.8  
127 15.3 12.0 18.0

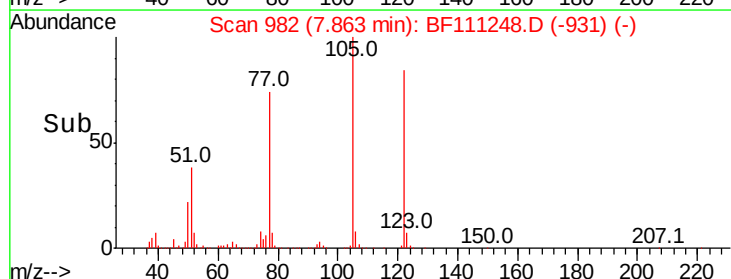
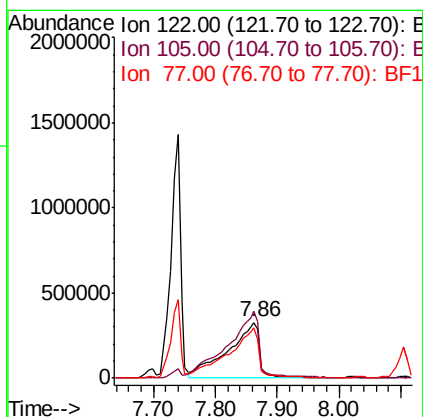
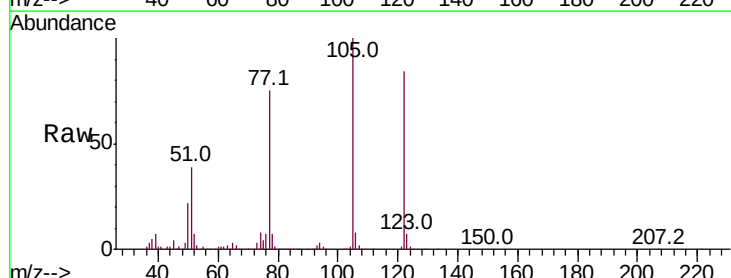
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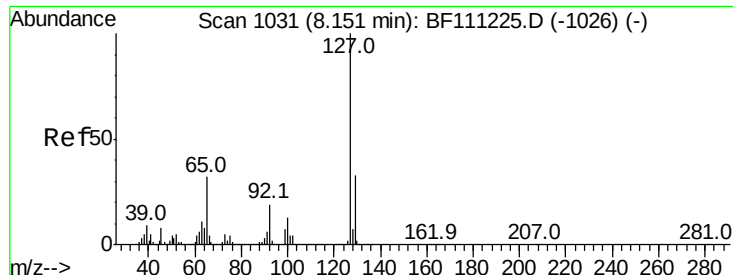
Sohil  
12/11/2018 2:23:29 PM



#32  
Benzoic acid  
Concen: 42.479 ng  
RT: 7.86 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Tgt Ion:122 Resp: 1171454  
Ion Ratio Lower Upper  
122 100  
105 119.5 97.0 137.0  
77 89.5 65.7 105.7





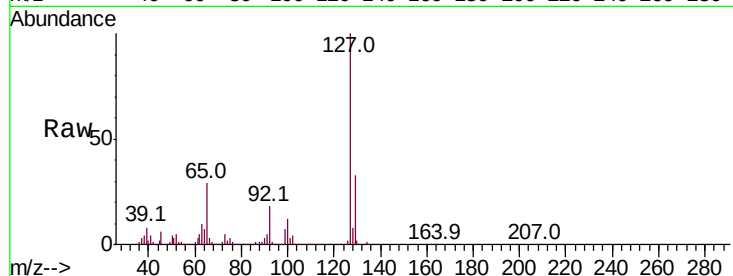
#33  
4-Chloroaniline  
Concen: 23.225 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.1  | 26.6  | 39.8  |
| 65      | 29.3  | 25.7  | 38.5  |
| 92      | 18.1  | 15.4  | 23.2  |

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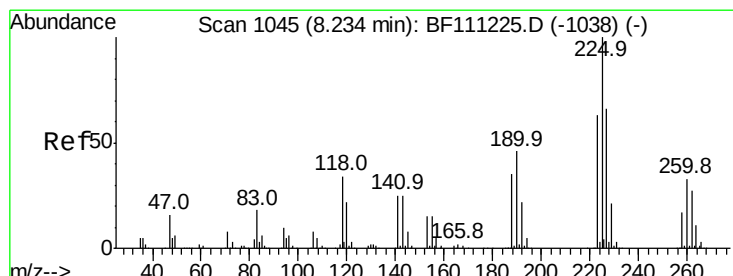
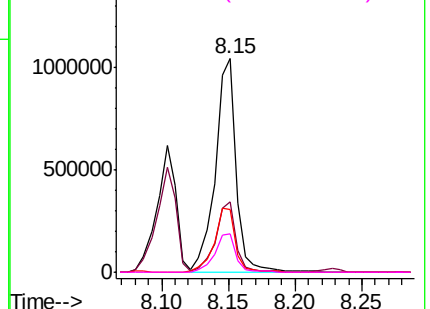
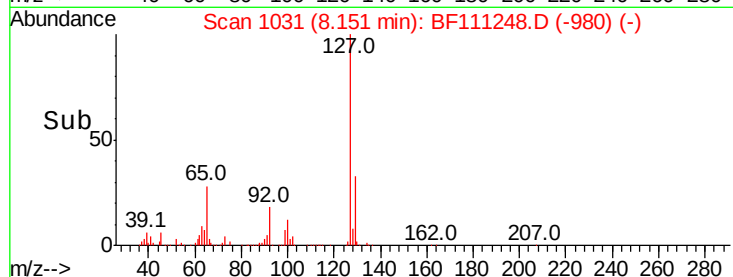
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

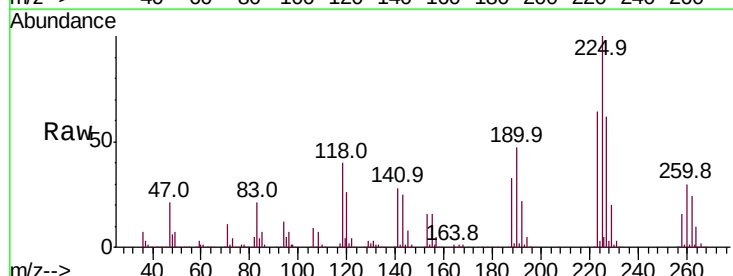
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34  
Hexachlorobutadiene  
Concen: 37.795 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.2  | 50.7  | 76.1  |
| 227     | 62.1  | 52.6  | 78.8  |

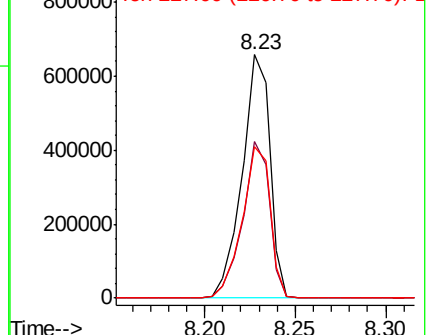
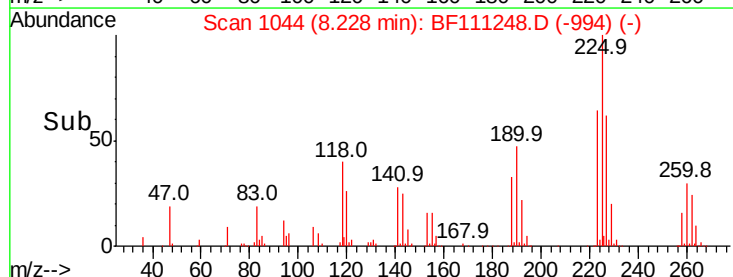


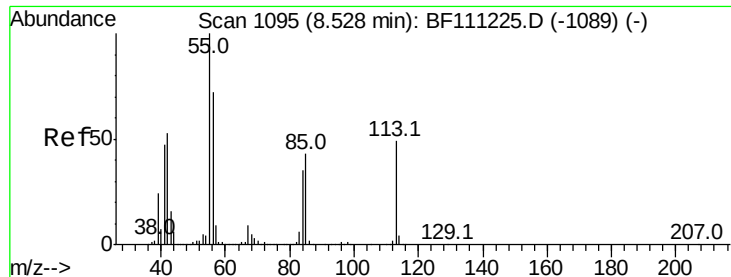
Abundance

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





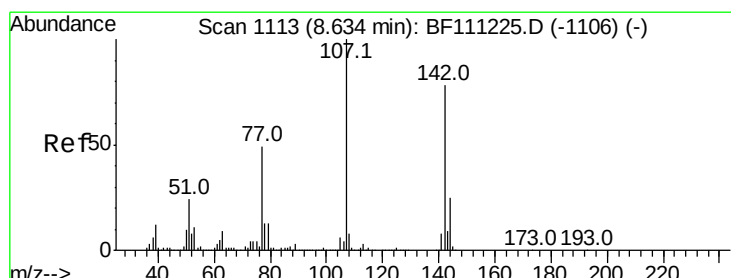
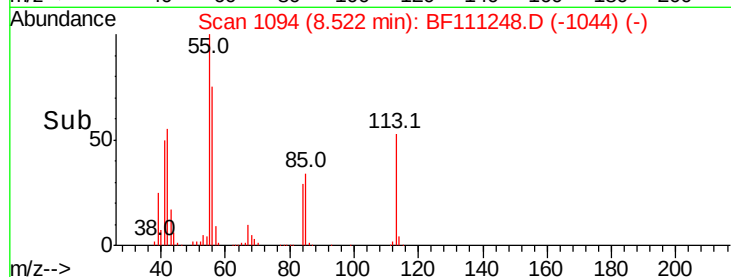
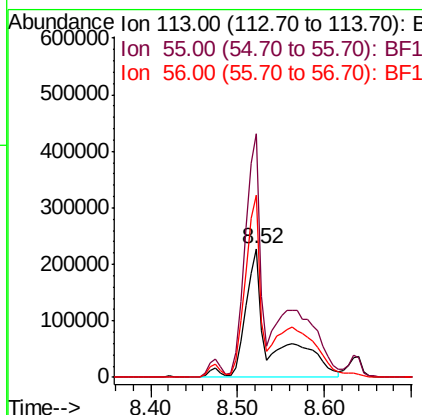
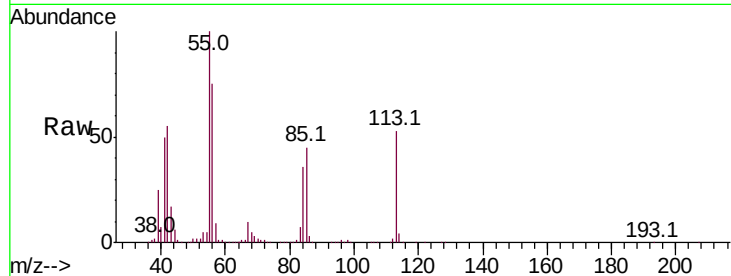
#35  
Caprolactam  
Concen: 39.531 ng m  
RT: 8.52 min Scan# 1094  
Delta R.T. -0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 189.6 | 184.1 | 224.1 |
| 56      | 141.5 | 126.0 | 166.0 |

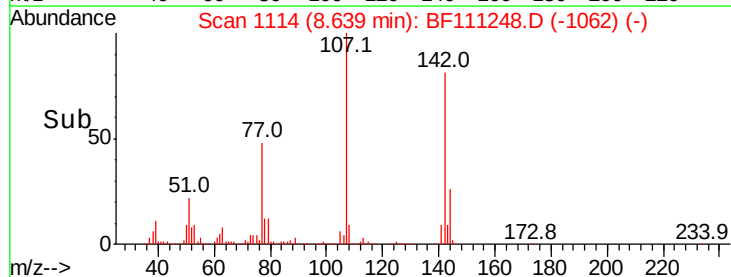
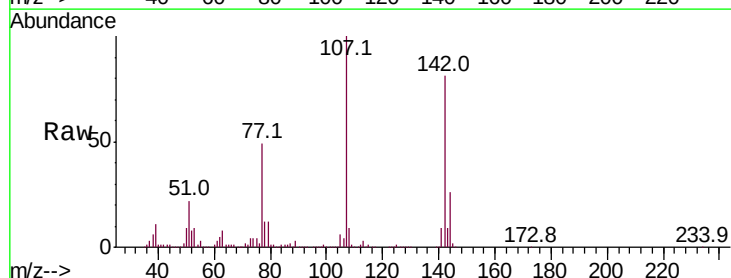
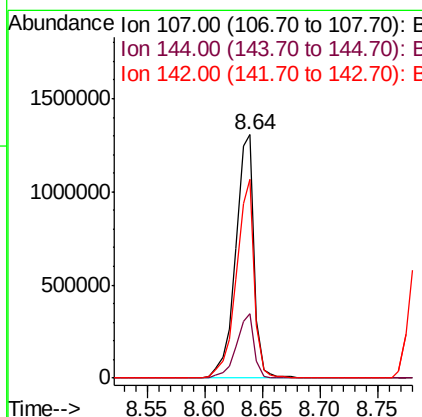
Manual Integrations  
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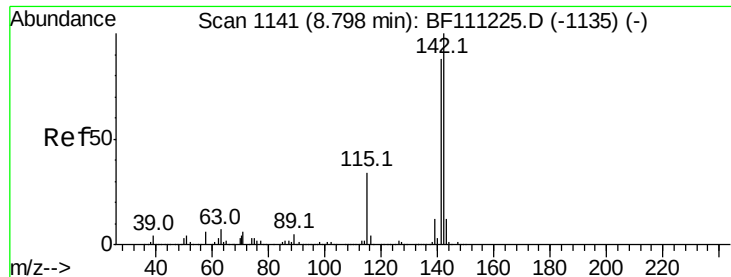
Sohil  
12/11/2018 2:23:29 PM



#36  
4-Chloro-3-methylphenol  
Concen: 41.660 ng  
RT: 8.64 min Scan# 1114  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.5  | 19.8  | 29.6  |
| 142     | 81.5  | 62.3  | 93.5  |





#37

2-Methylnaphthalene

Concen: 44.686 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

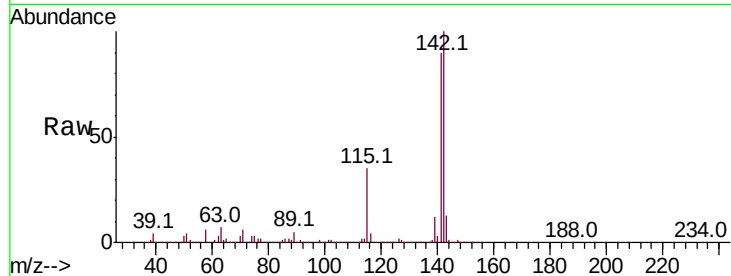
Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

Tot Ion:142 Resp: 3031012

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 90.2  | 70.6  | 105.8 |
| 115 | 34.7  | 27.0  | 40.6  |

Manual Integrations  
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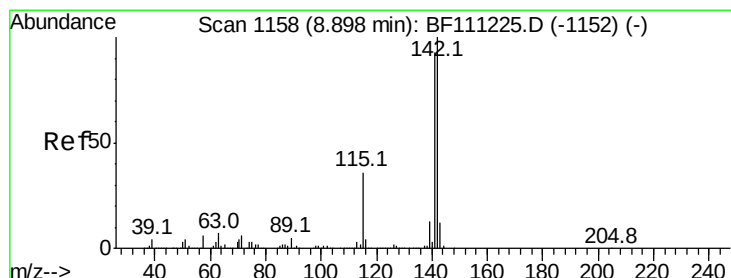
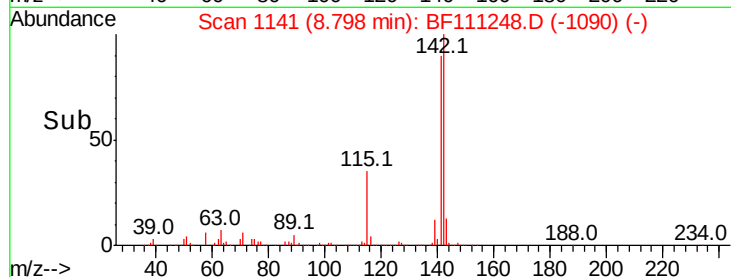
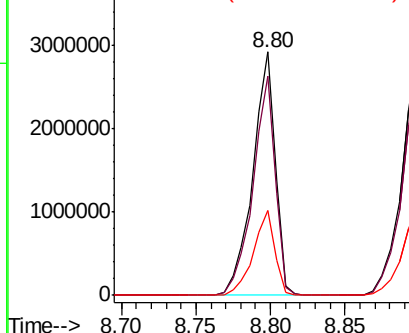
Sohil  
12/11/2018 2:23:29 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.235 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

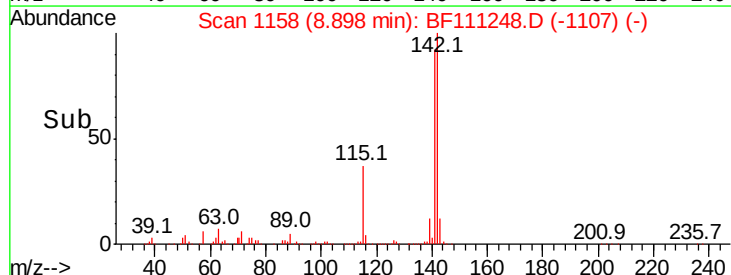
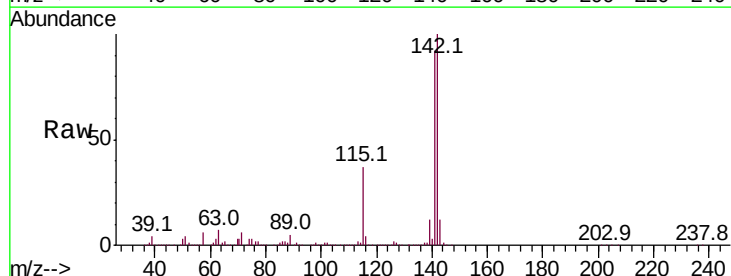
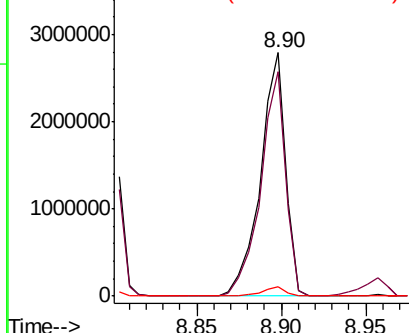
Tgt Ion:142 Resp: 2871846

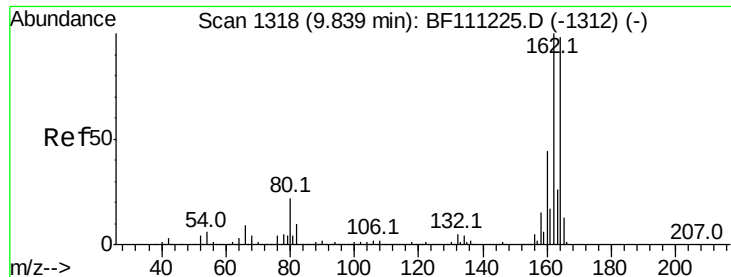
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.4  | 74.2  | 111.4 |
| 116 | 3.8   | 2.9   | 4.3   |

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





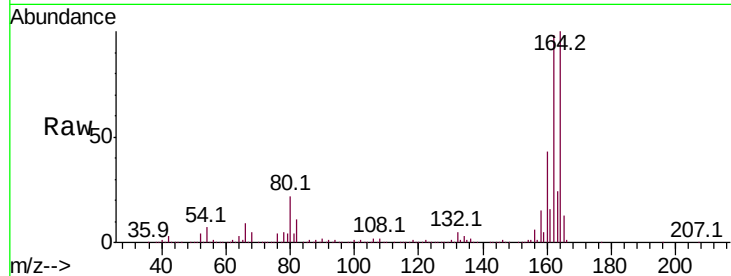
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

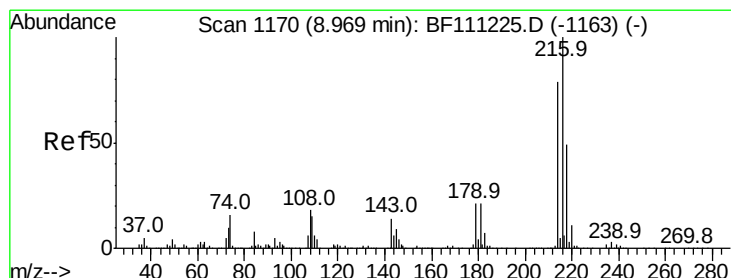
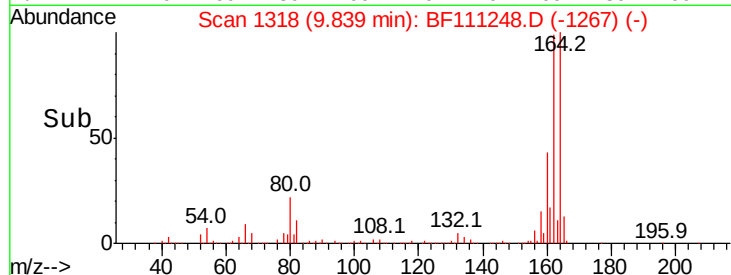
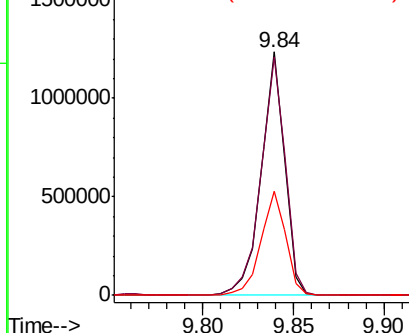
Tot Ion:164 Resp: 1116387  
Ion Ratio Lower Upper  
164 100  
162 98.1 81.4 122.0  
160 42.9 35.7 53.5

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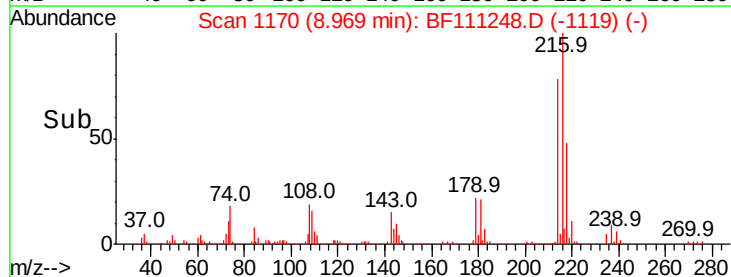
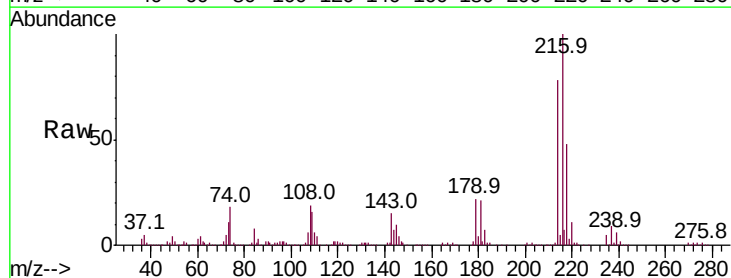
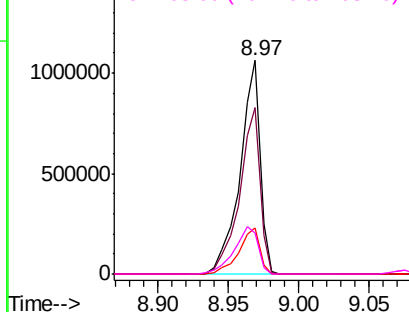
Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



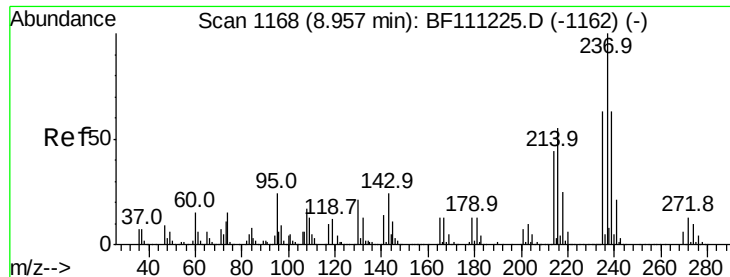
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 34.051 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Tgt Ion:216 Resp: 1057757  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.8 95.8  
179 22.3 17.9 26.9  
108 26.2 18.4 27.6

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







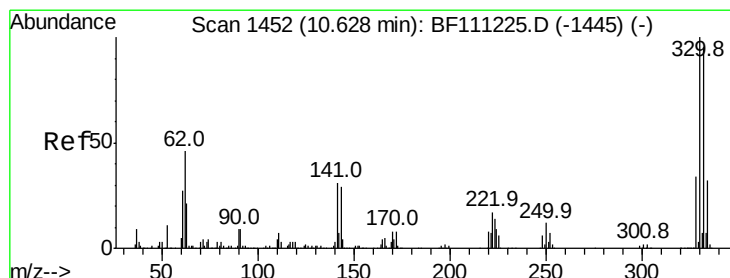
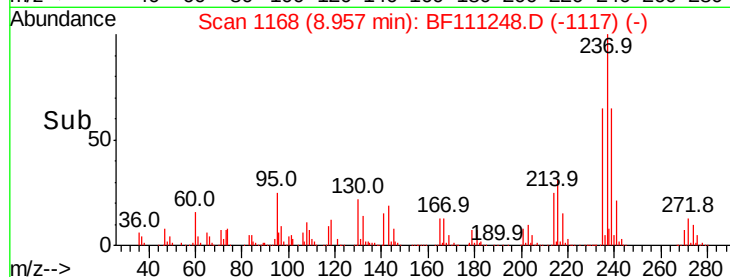
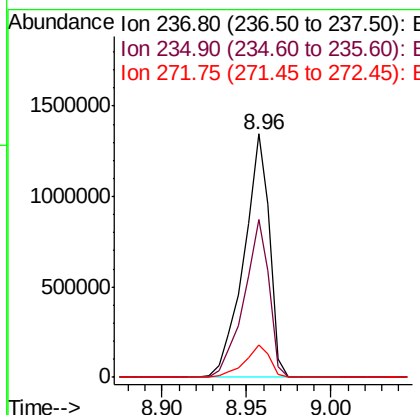
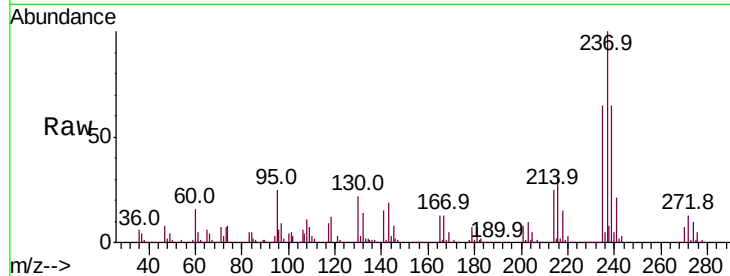
#41  
Hexachlorocyclopentadiene  
Concen: 80.410 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.9  | 43.1  | 83.1  |
| 272     | 13.1  | 0.0   | 33.0  |

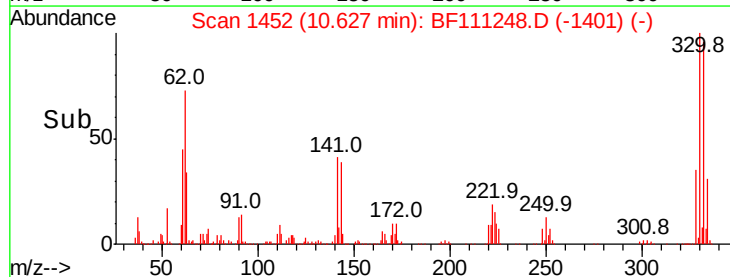
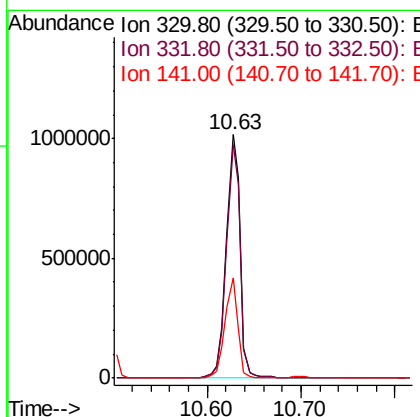
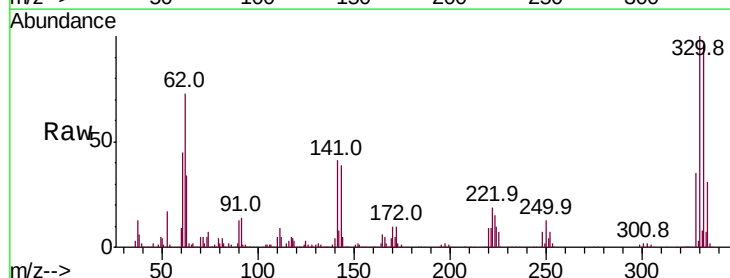
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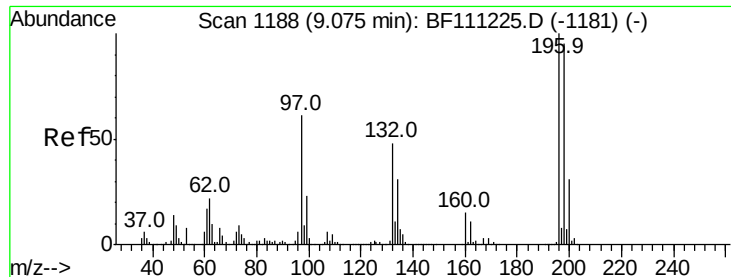
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#42  
2,4,6-Tribromophenol  
Concen: 105.514 ng  
RT: 10.63 min Scan# 1452  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 76.0  | 114.0 |
| 141     | 38.5  | 31.0  | 46.6  |





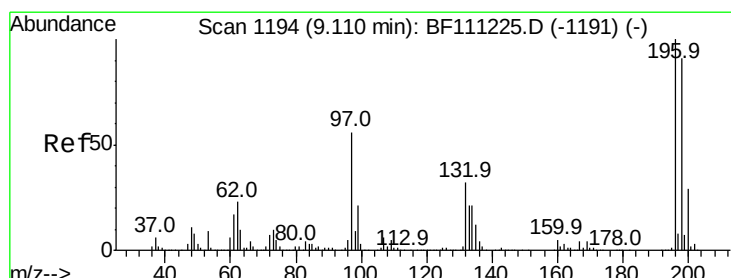
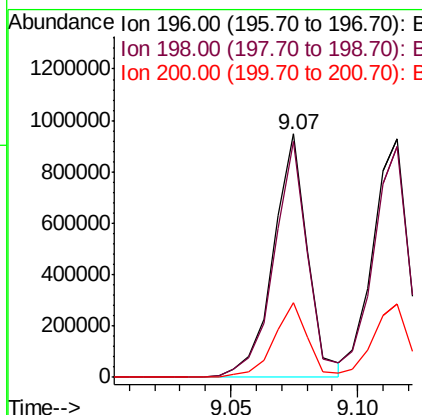
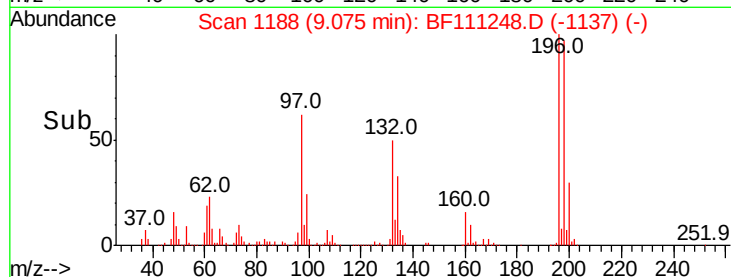
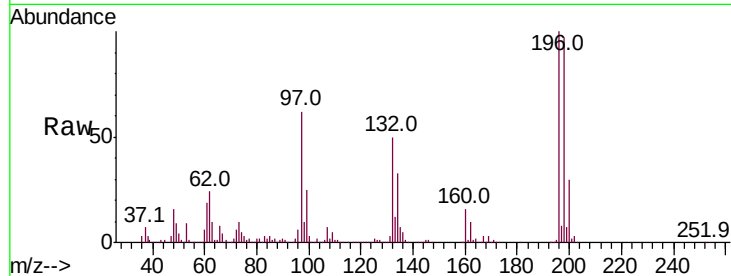
#43  
 2,4,6-Trichlorophenol  
 Concen: 38.528 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 898376 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.8  | 76.3  | 114.5  |
| 200       | 30.4  | 24.9  | 37.3   |

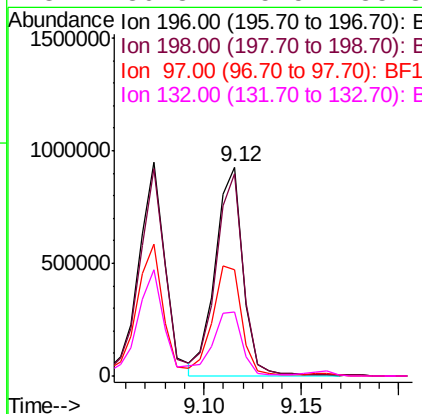
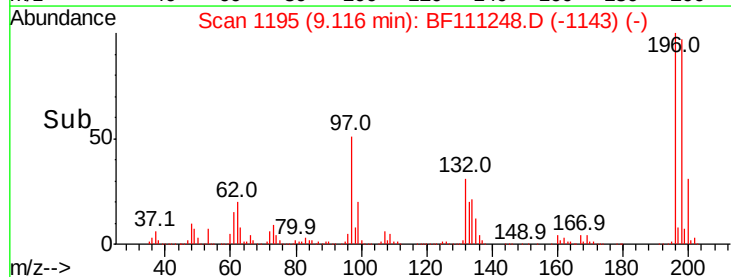
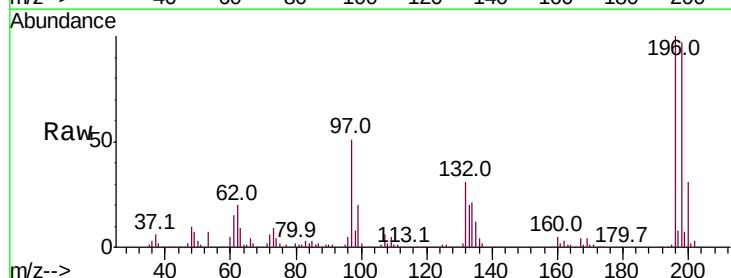
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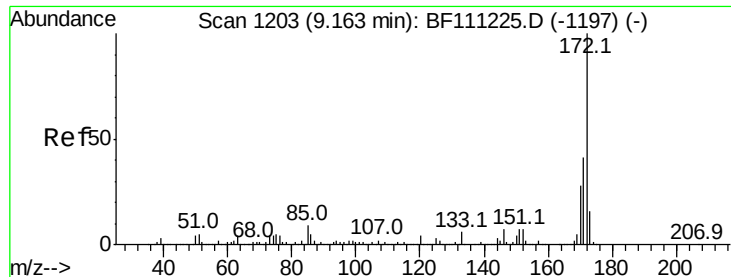
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#44  
 2,4,5-Trichlorophenol  
 Concen: 37.571 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 912604 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.9  | 72.9  | 109.3  |
| 97        | 50.9  | 45.3  | 67.9   |
| 132       | 30.8  | 25.5  | 38.3   |





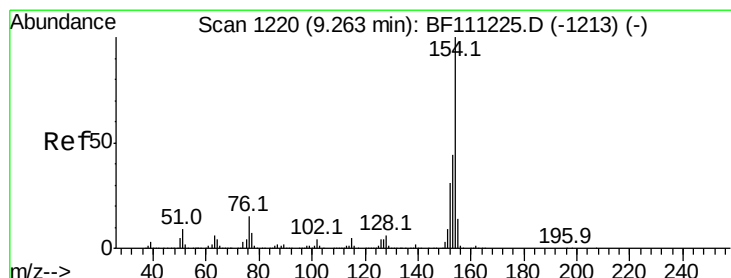
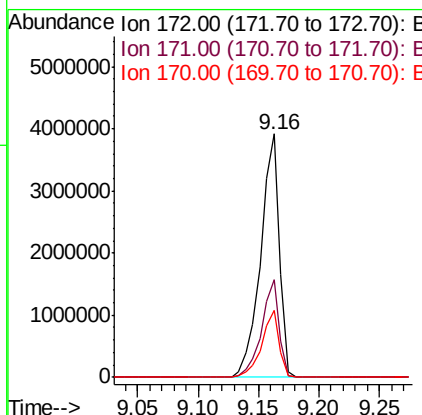
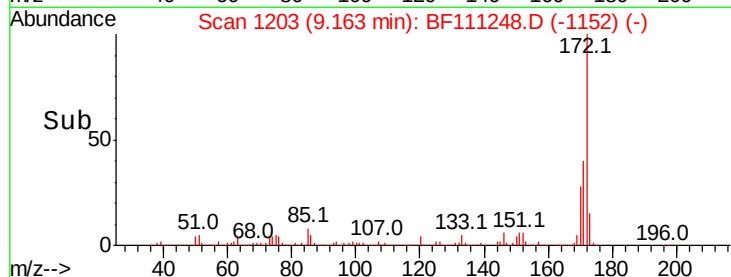
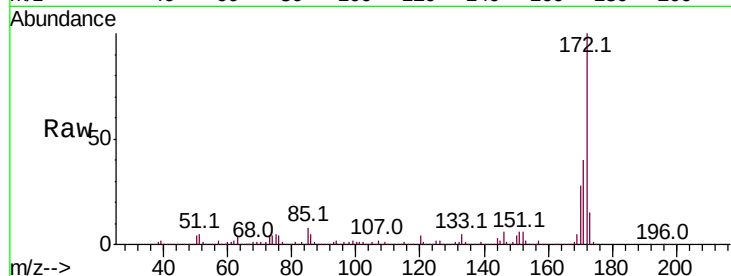
#45  
2-Fluorobiphenyl  
Concen: 60.528 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampled :  
PB115276BS

Tot Ion:172 Resp: 4252552  
Ion Ratio Lower Upper  
172 100  
171 39.9 33.0 49.4  
170 27.5 22.3 33.5

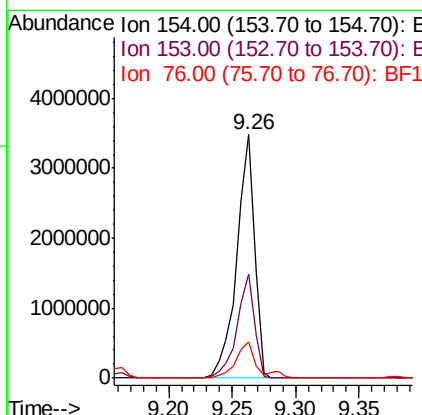
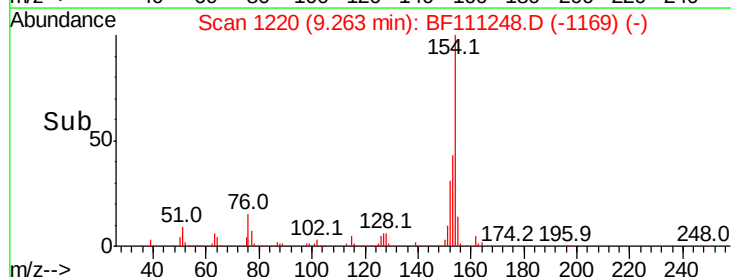
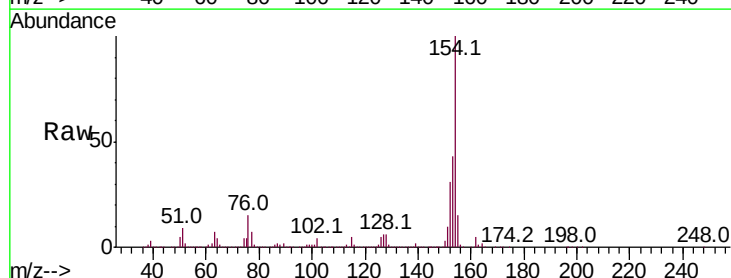
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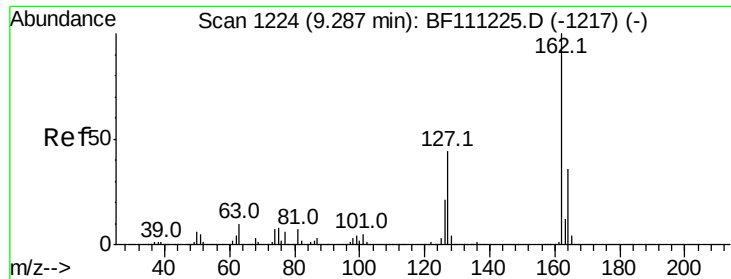
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#46  
1,1'-Biphenyl  
Concen: 36.190 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Tgt Ion:154 Resp: 3358287  
Ion Ratio Lower Upper  
154 100  
153 42.7 23.7 63.7  
76 14.9 0.0 35.0





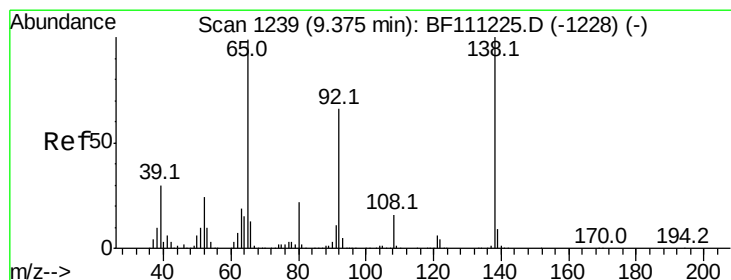
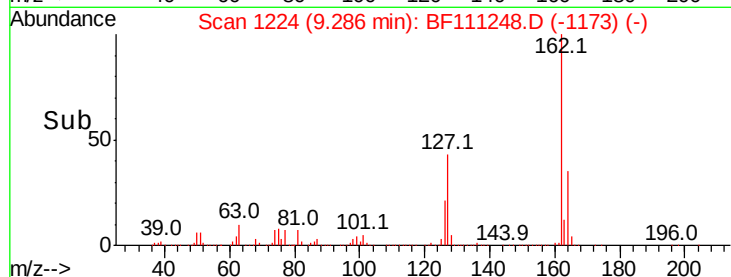
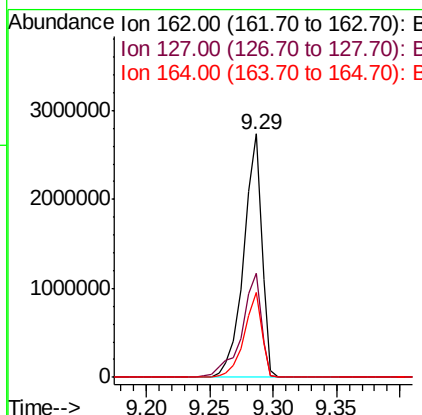
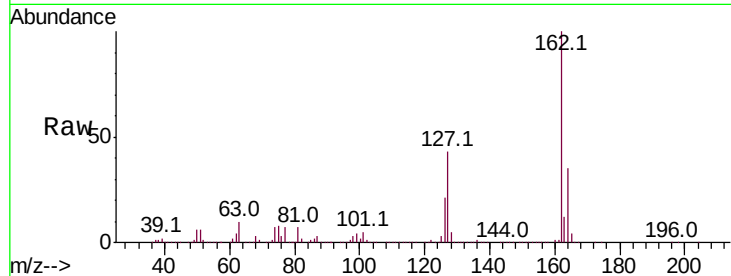
#47  
 2-Chloronaphthalene  
 Concen: 36.976 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 42.8  | 35.0  | 52.4  |
| 164     | 34.8  | 28.4  | 42.6  |

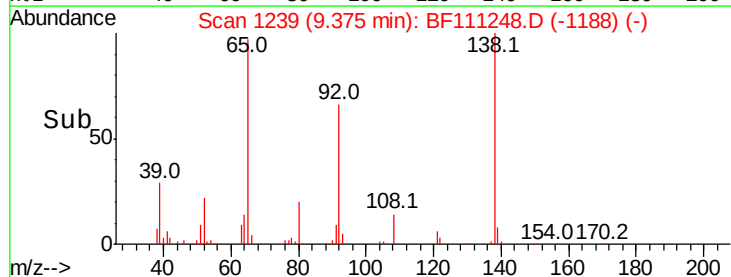
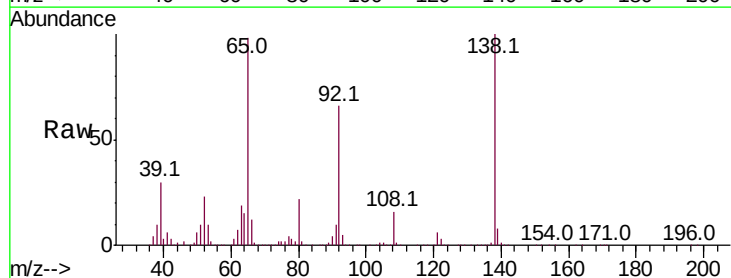
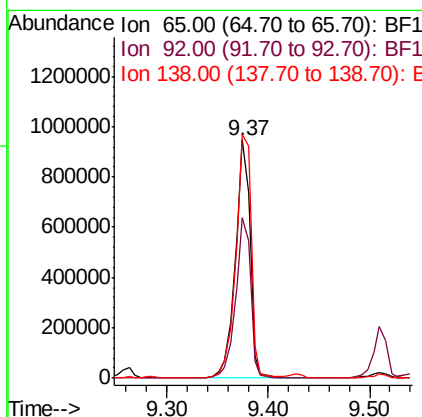
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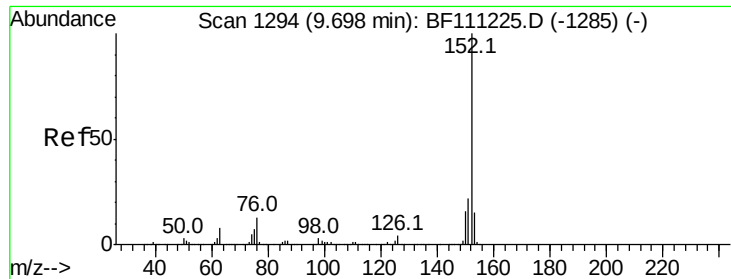
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#48  
 2-Nitroaniline  
 Concen: 38.554 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.1  | 53.5  | 80.3  |
| 138     | 102.2 | 80.9  | 121.3 |





#49

Acenaphthylene

Concen: 39.188 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion:152 Resp: 4155757

Ion Ratio Lower Upper

152 100

151 22.5 18.0 27.0

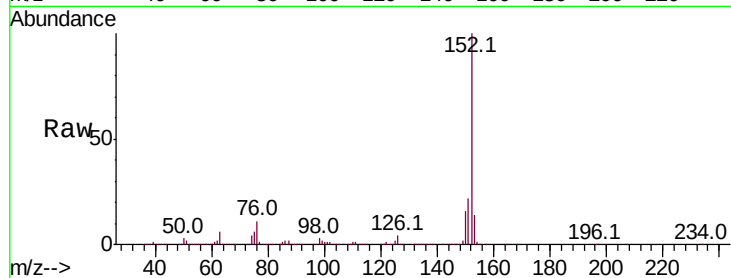
153 14.4 12.3 18.5

Manual Integrations

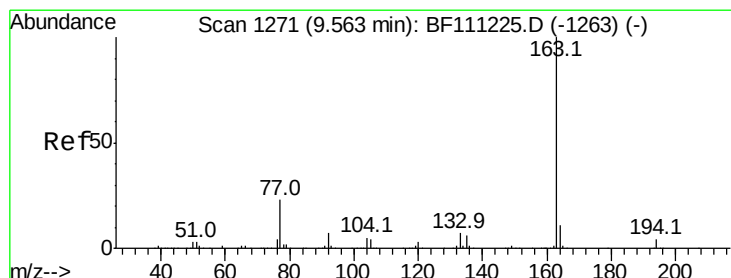
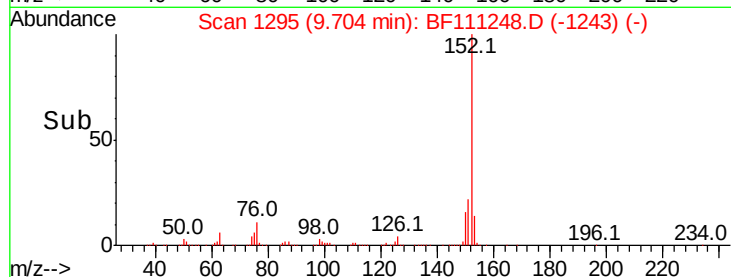
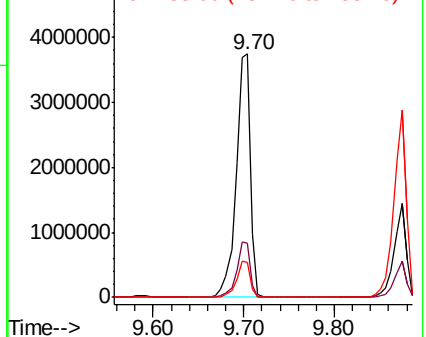
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.077 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

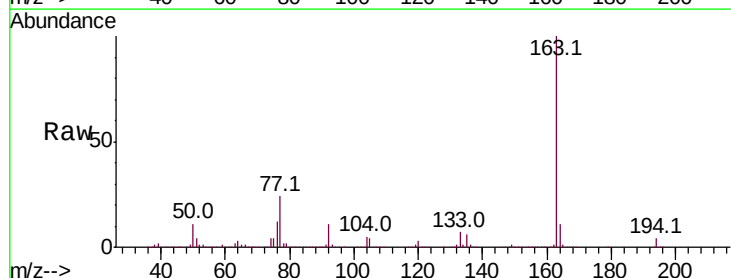
Tgt Ion:163 Resp: 3054123

Ion Ratio Lower Upper

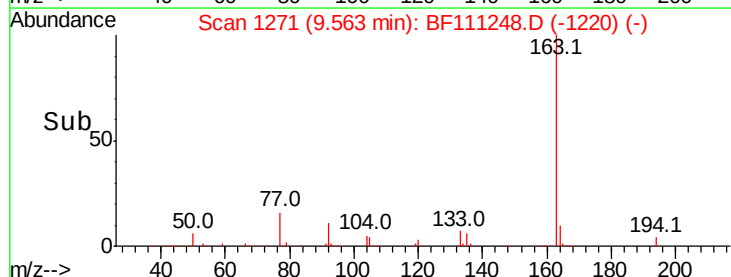
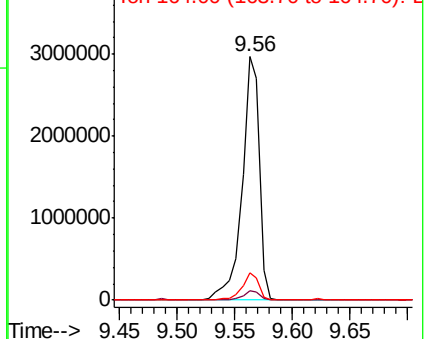
163 100

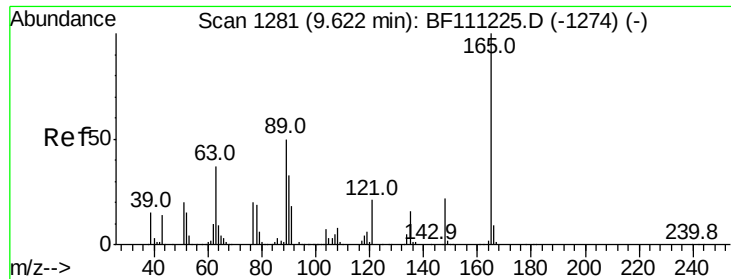
194 4.0 3.0 4.6

164 11.2 8.9 13.3



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





#51

2,6-Dinitrotoluene

Concen: 40.149 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampled :

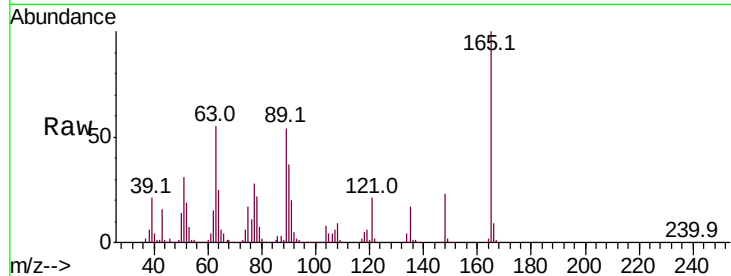
PB115276BS

Tot Ion:165 Resp: 730356  
Ion Ratio Lower Upper

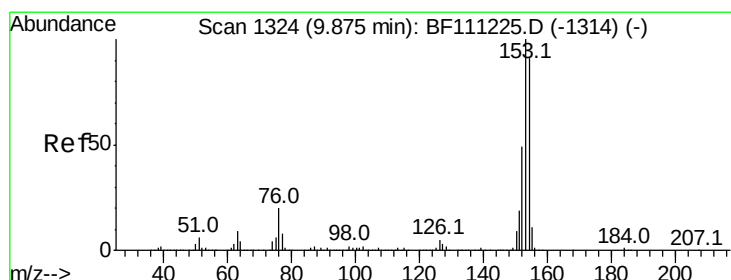
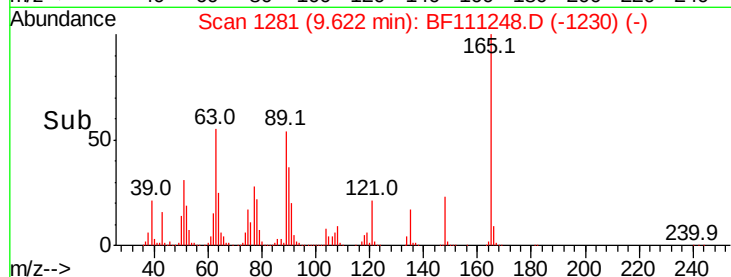
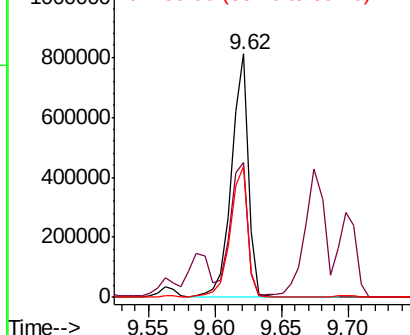
|     |      |      |      |
|-----|------|------|------|
| 165 | 100  |      |      |
| 63  | 55.4 | 40.5 | 60.7 |
| 89  | 53.7 | 40.0 | 60.0 |

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Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.657 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

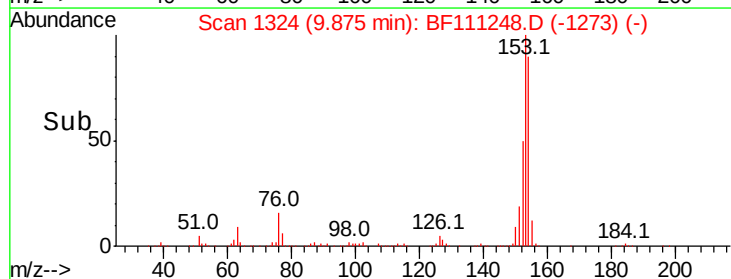
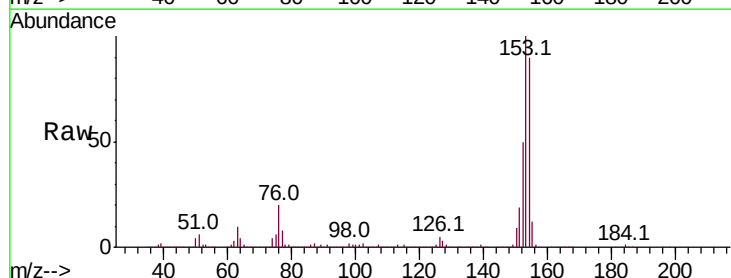
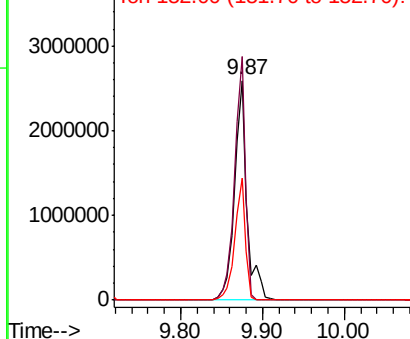
Lab File: BF111248.D

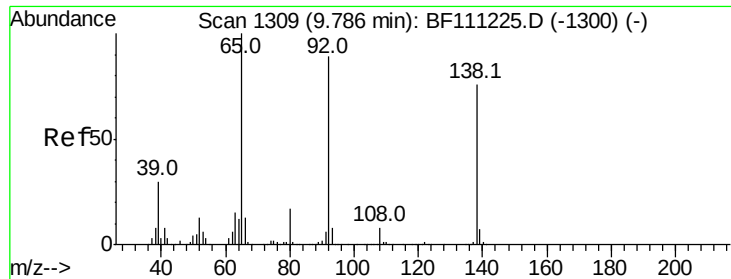
Acq: 10 Dec 2018 18:02

Tgt Ion:154 Resp: 2772216  
Ion Ratio Lower Upper

|     |       |      |       |
|-----|-------|------|-------|
| 154 | 100   |      |       |
| 153 | 110.8 | 87.8 | 131.8 |
| 152 | 55.5  | 43.4 | 65.2  |

Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.309 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

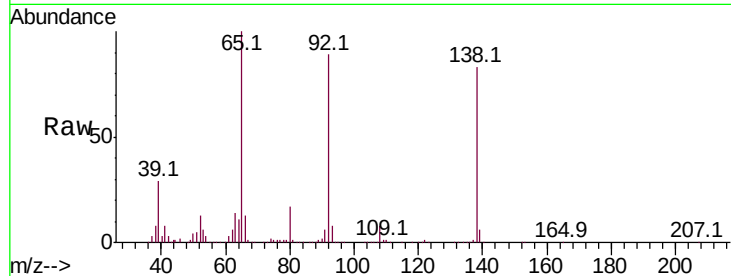
ClientSampleId :

PB115276BS

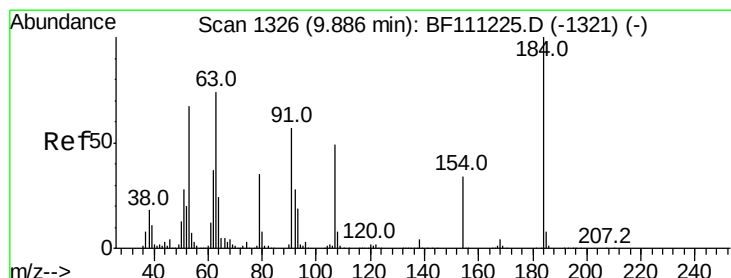
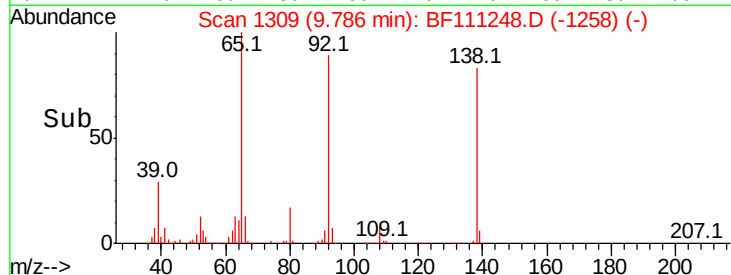
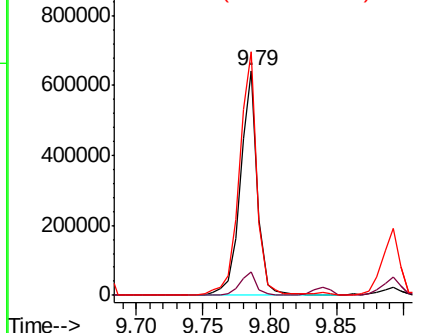
|             |       |            |
|-------------|-------|------------|
| Tot Ion:138 | Resp: | 568288     |
| Ion Ratio   | Lower | Upper      |
| 138         | 100   |            |
| 108         | 10.3  | 8.2 12.4   |
| 92          | 108.4 | 93.4 140.2 |

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Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 83.079 ng

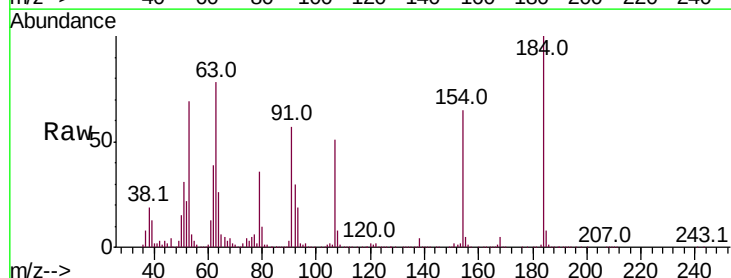
RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

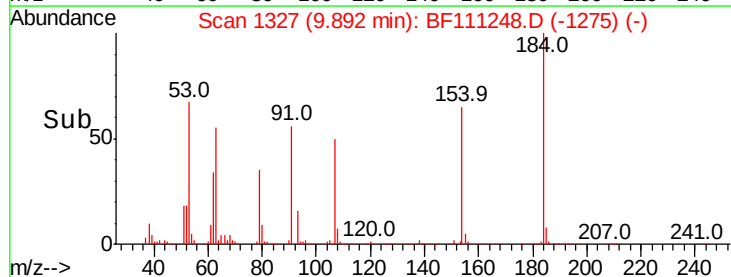
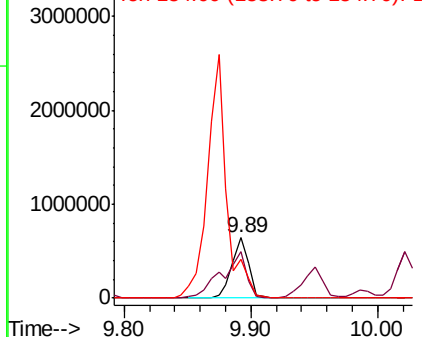
Lab File: BF111248.D

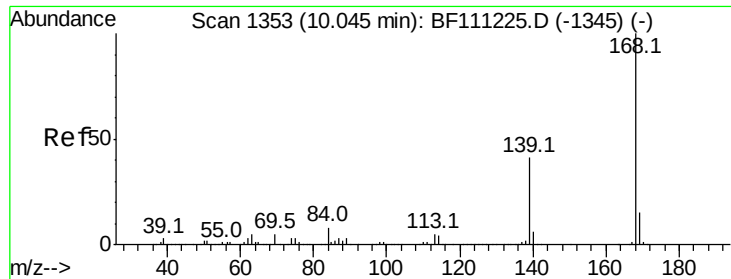
Acq: 10 Dec 2018 18:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 597224    |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 63          | 78.1  | 62.3 93.5 |
| 154         | 64.7  | 56.2 84.2 |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





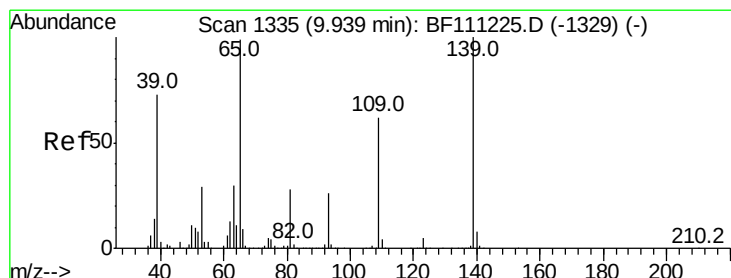
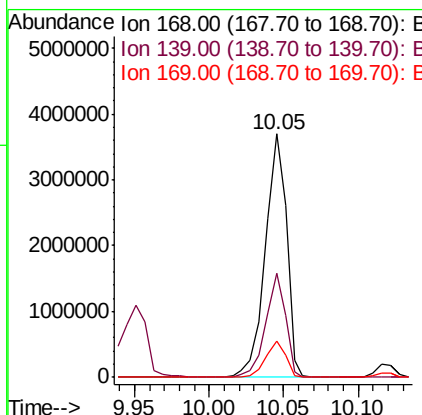
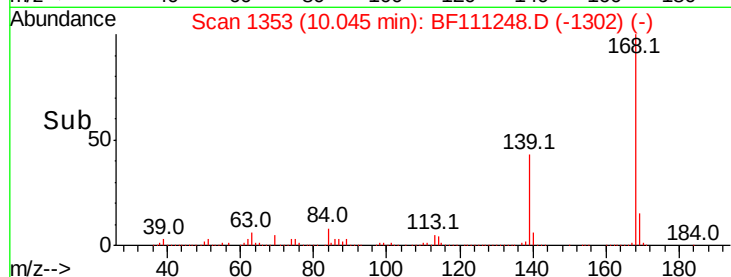
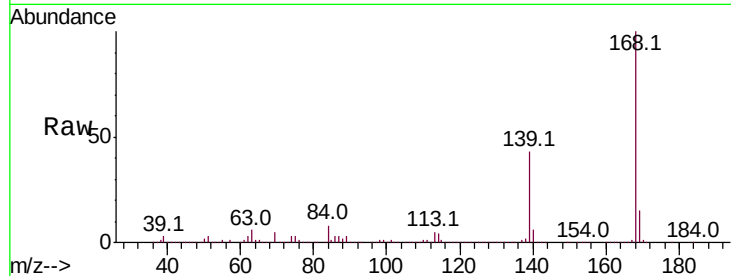
#55  
Dibenzofuran  
Concen: 39.980 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.6  | 32.6  | 49.0  |
| 169     | 15.1  | 11.8  | 17.6  |

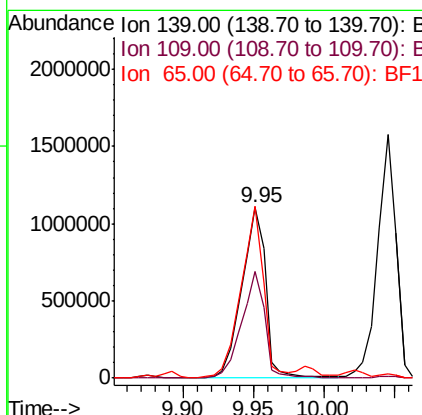
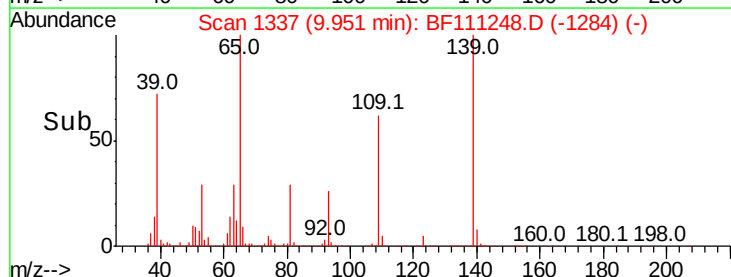
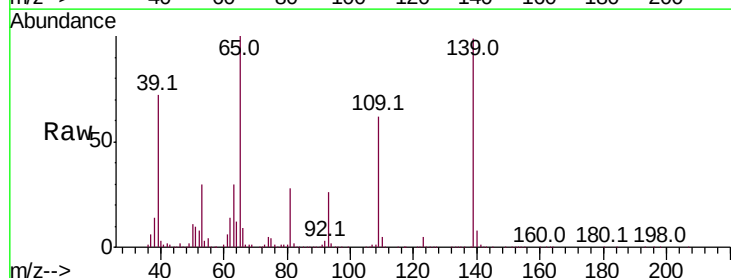
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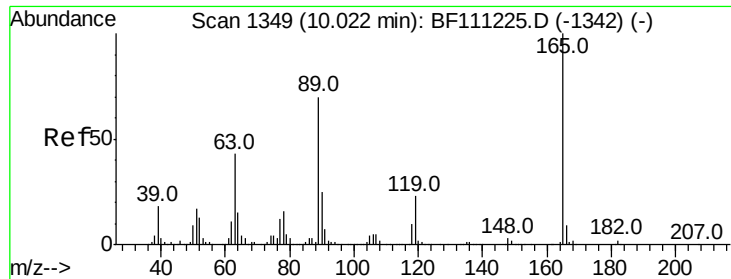


#56  
4-Nitrophenol  
Concen: 74.796 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 62.5  | 41.8  | 81.8  |
| 65      | 100.6 | 79.6  | 119.6 |







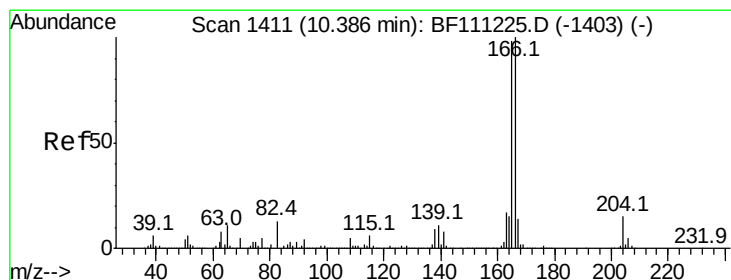
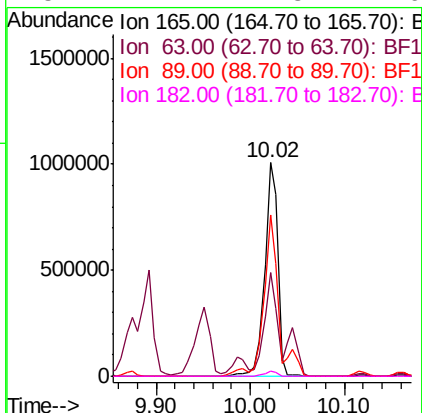
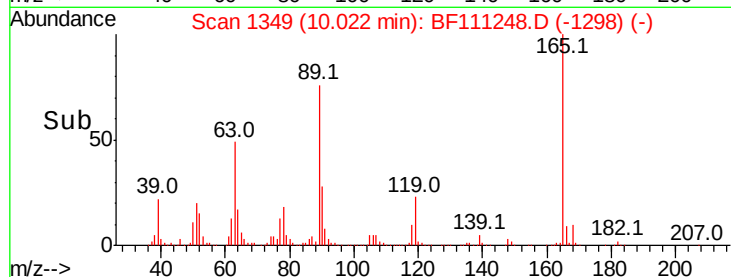
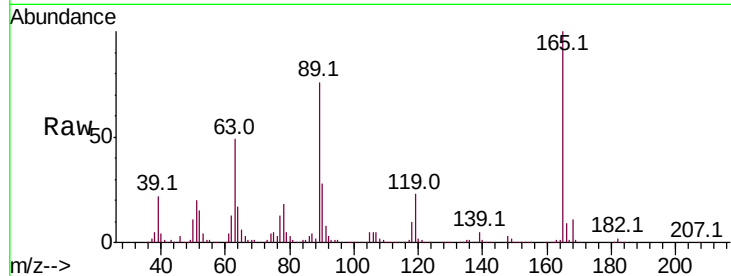
#57  
2,4-Dinitrotoluene  
Concen: 43.357 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.8  | 34.6  | 52.0  |
| 89      | 75.6  | 56.2  | 84.4  |
| 182     | 2.4   | 1.8   | 2.6   |

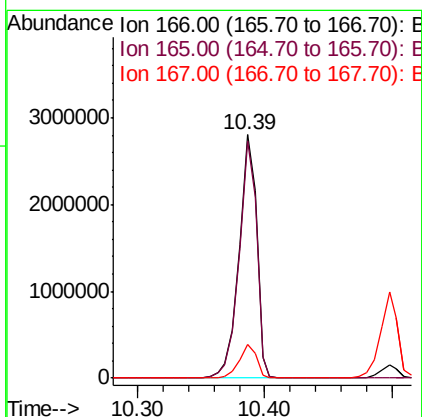
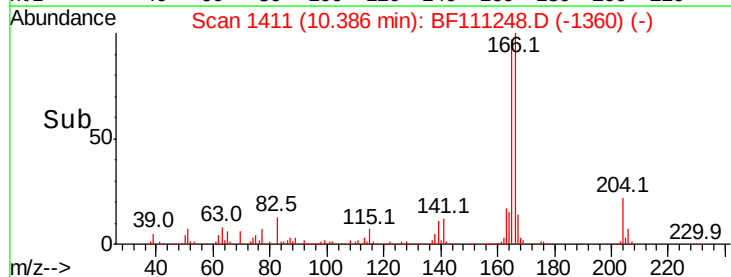
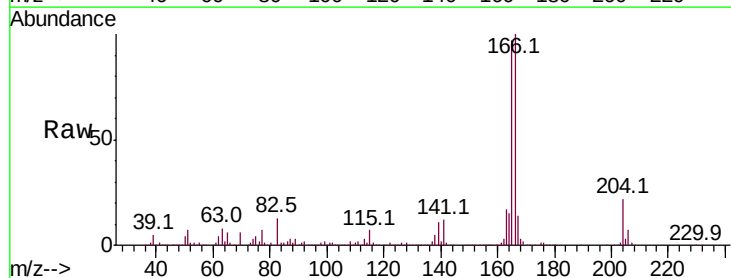
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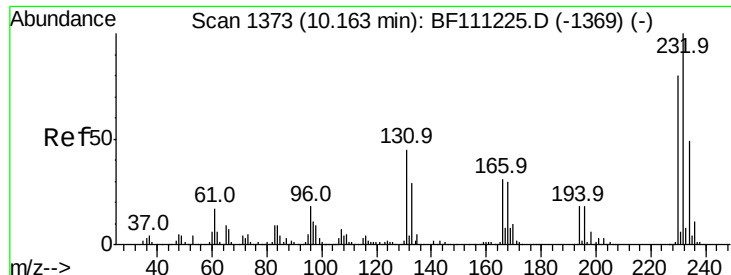
Sohil  
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#58  
Fluorene  
Concen: 38.145 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.3  | 78.4  | 117.6 |
| 167     | 14.0  | 11.2  | 16.8  |





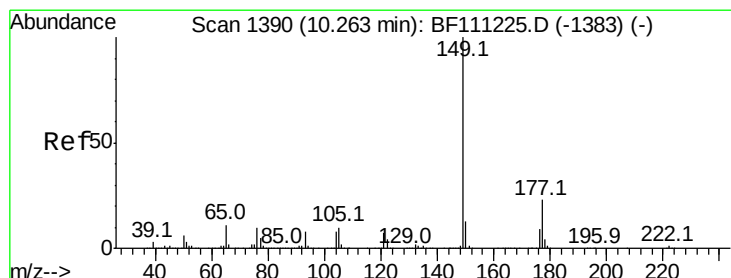
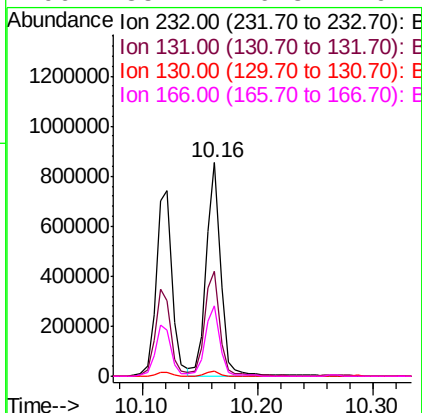
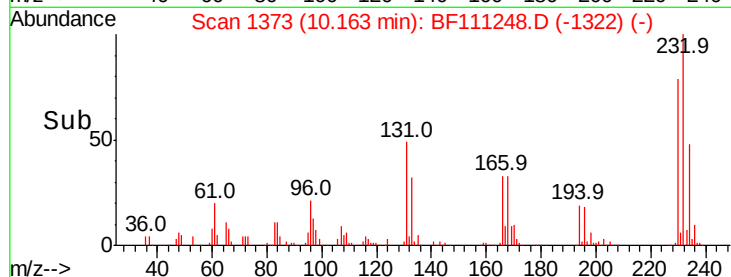
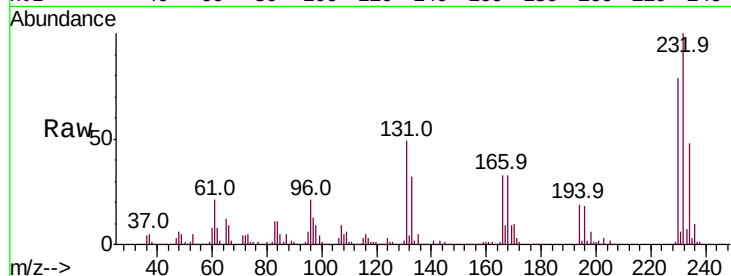
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.670 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 51.2  | 40.9  | 61.3  |
| 130     | 2.5   | 2.0   | 3.0   |
| 166     | 33.2  | 26.8  | 40.2  |

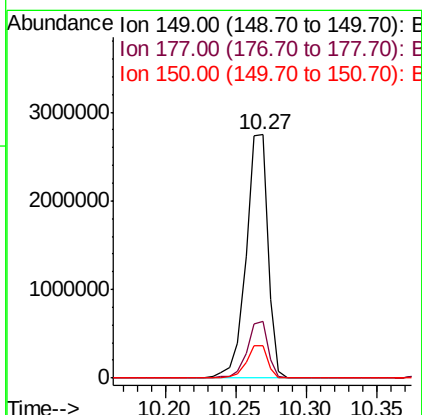
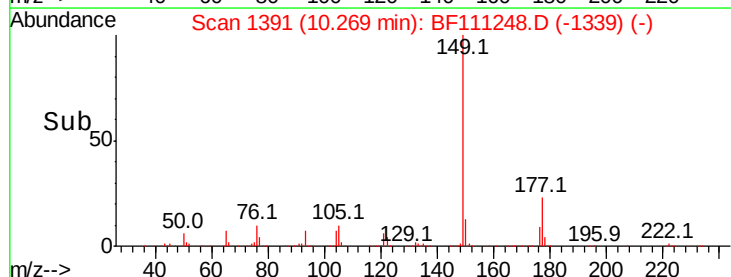
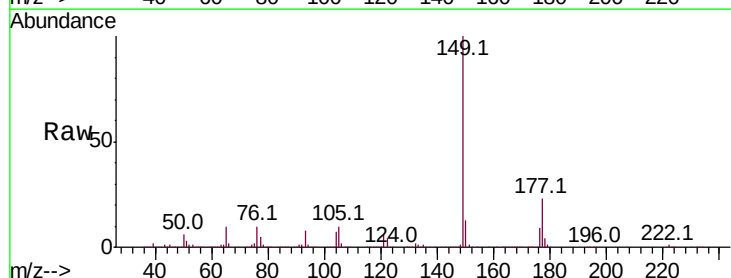
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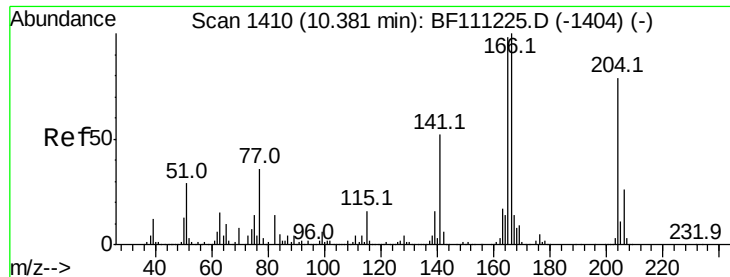
Sohil  
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#60  
Diethylphthalate  
Concen: 37.855 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.5  | 18.3  | 27.5  |
| 150     | 13.4  | 10.6  | 15.8  |





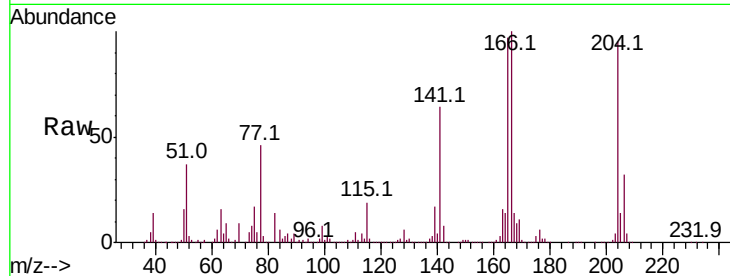
#61  
 4-Chlorophenyl-phenylether  
 Concen: 34.780 ng  
 RT: 10.38 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

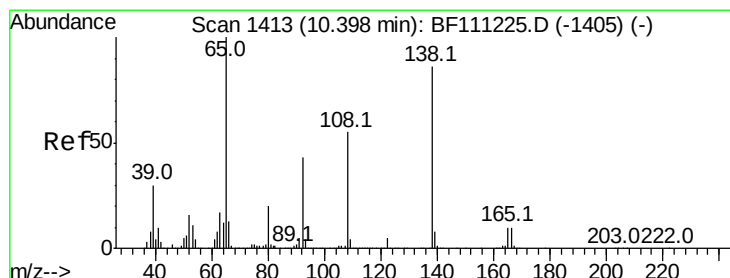
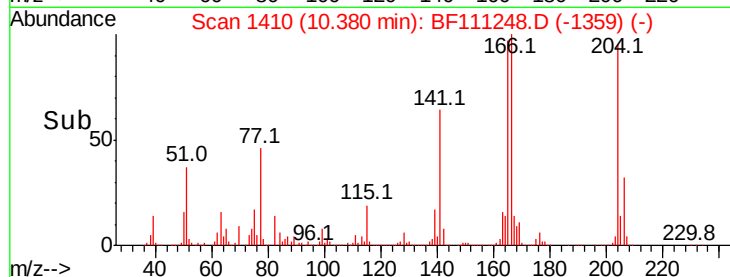
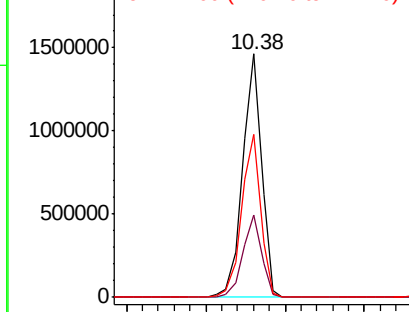
| Tot Ion: | 204   | Resp: | 1209855 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 204      | 100   |       |         |
| 206      | 34.0  | 26.6  | 39.8    |
| 141      | 66.8  | 52.6  | 78.8    |

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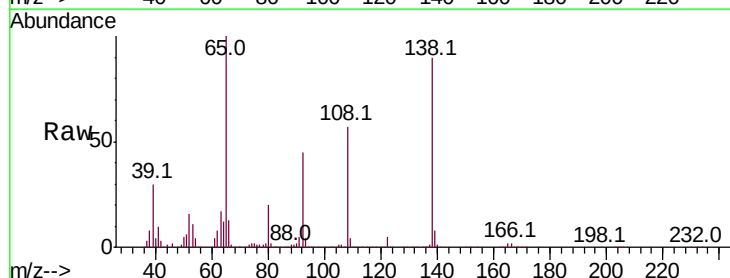


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

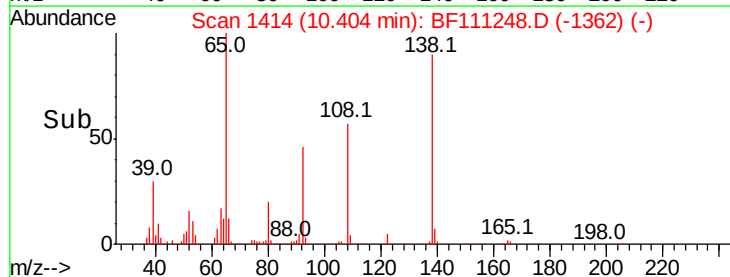
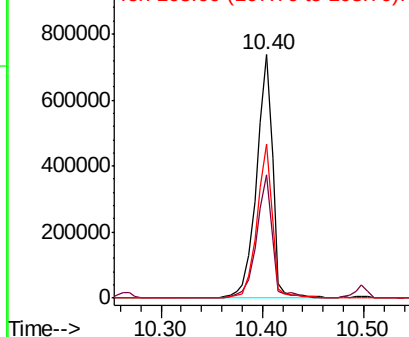


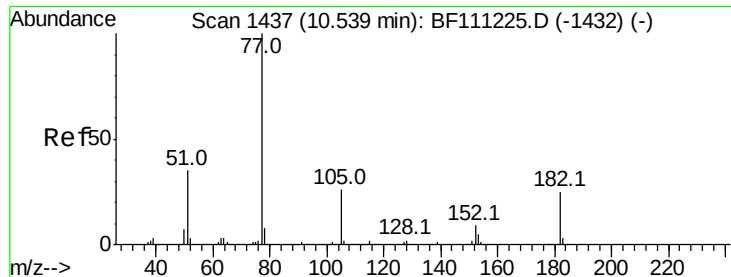
#62  
 4-Nitroaniline  
 Concen: 38.339 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. 0.01 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

| Tgt Ion: | 138   | Resp: | 814538 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 50.7  | 29.9  | 69.9   |
| 108      | 63.4  | 43.2  | 83.2   |



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 108.00 (107.70 to 108.70): E





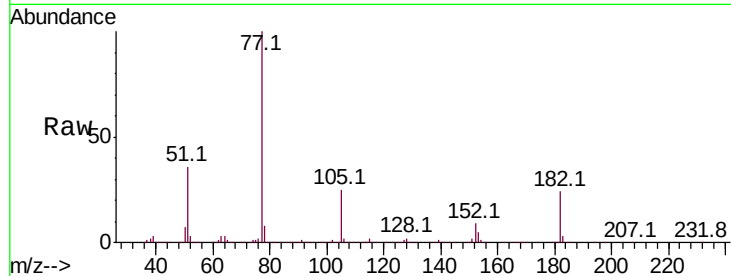
#63  
Azobenzene  
Concen: 38.399 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.9  | 4.9   | 44.9  |
| 105     | 25.4  | 6.0   | 46.0  |
| 51      | 35.7  | 14.7  | 54.7  |

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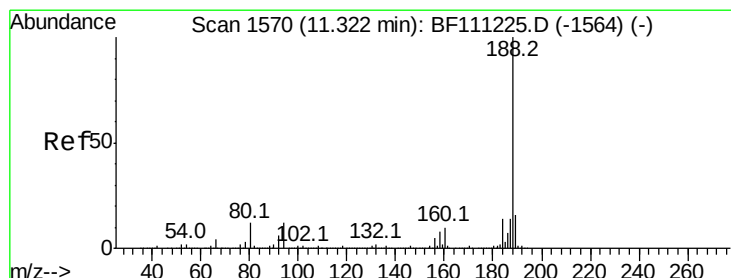
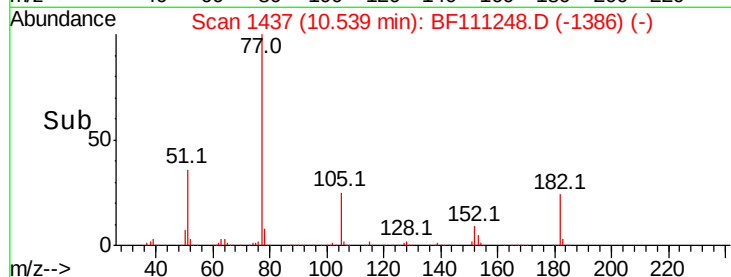
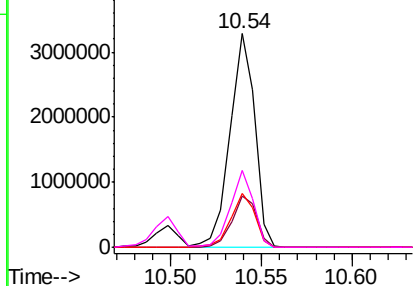
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

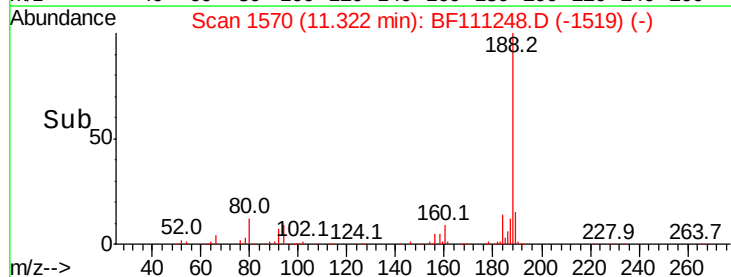
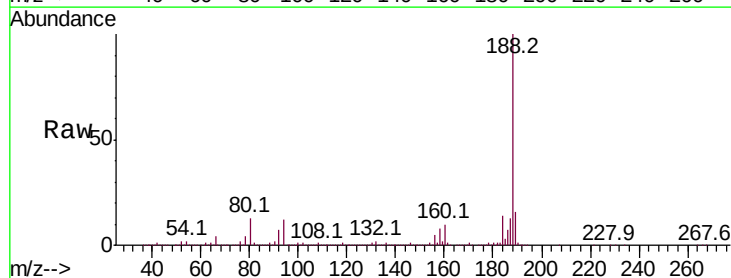
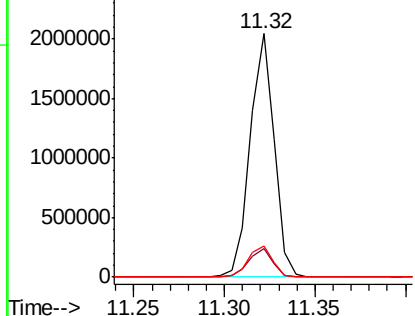
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.9  | 9.6   | 14.4  |
| 80      | 12.6  | 9.8   | 14.6  |

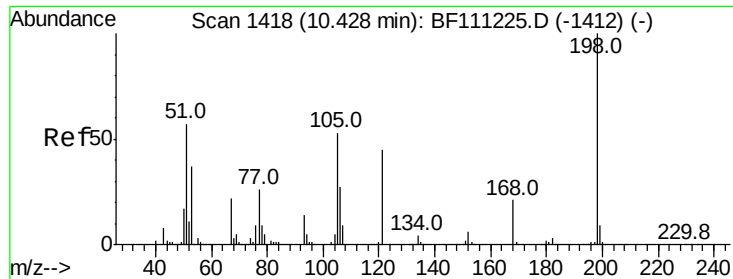
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





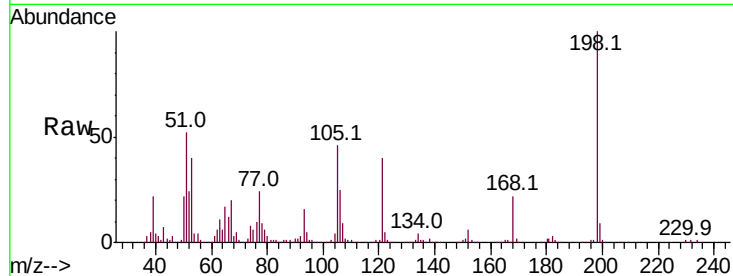
#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.635 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 392536 |       |       |
| 51      | 52.0  | 48.0   | 88.0  |       |
| 105     | 45.8  | 34.0   | 74.0  |       |

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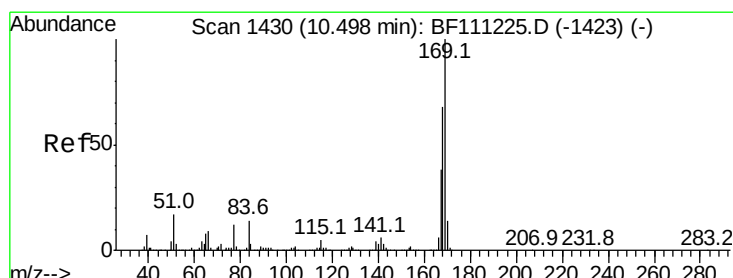
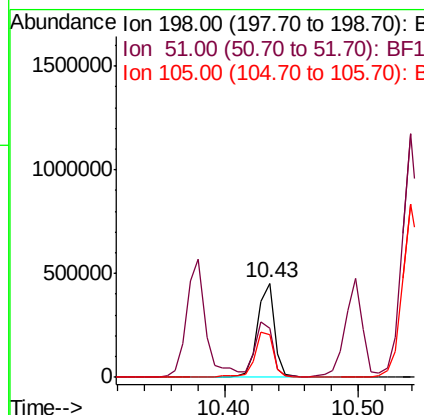
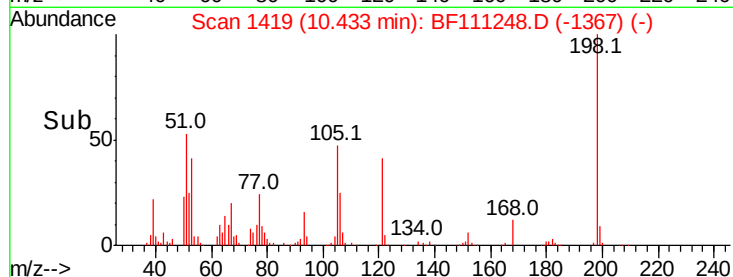


Abundance

Ion 198.00 (197.70 to 198.70): E

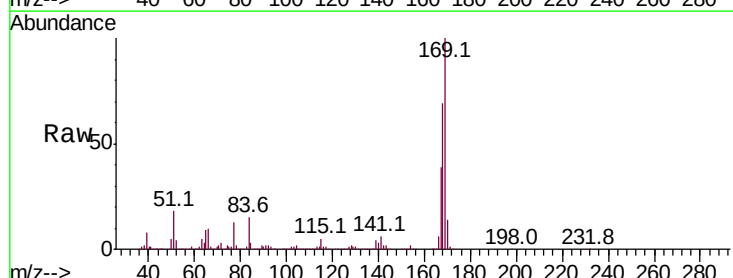
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 39.698 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 2532915 |       |       |
| 168     | 68.8  | 54.4    | 81.6  |       |
| 167     | 38.5  | 30.5    | 45.7  |       |

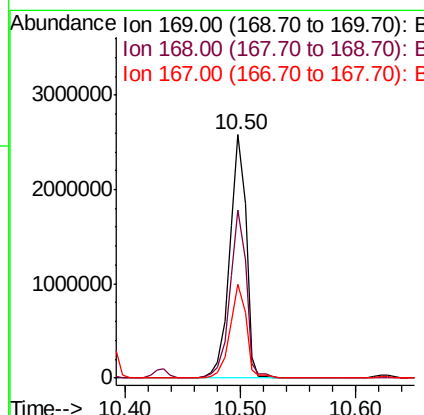
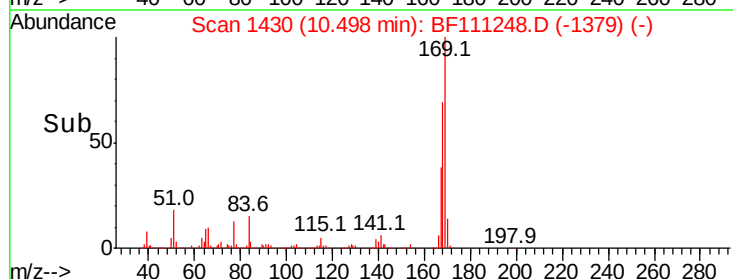


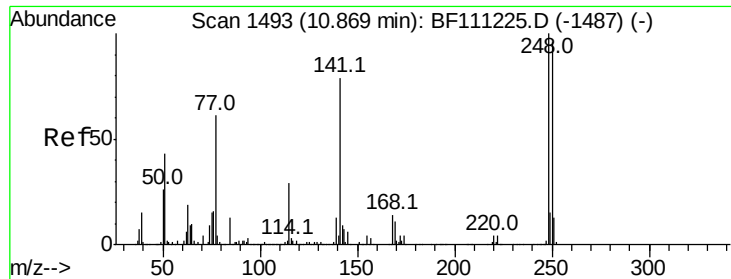
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





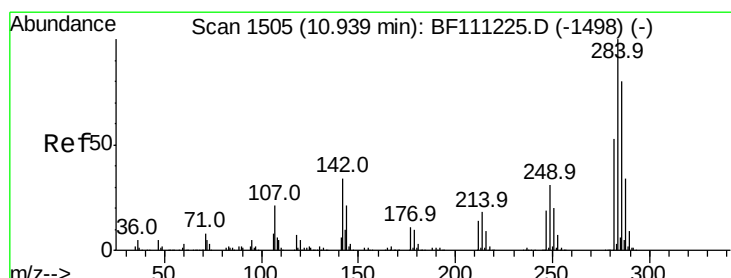
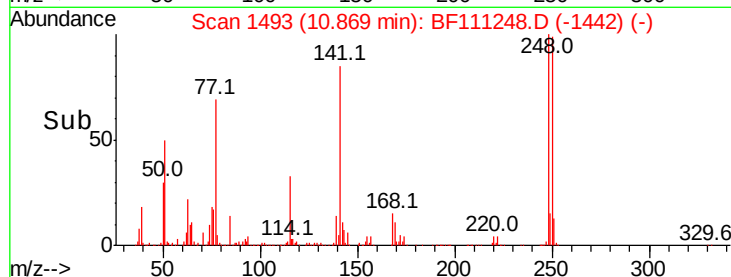
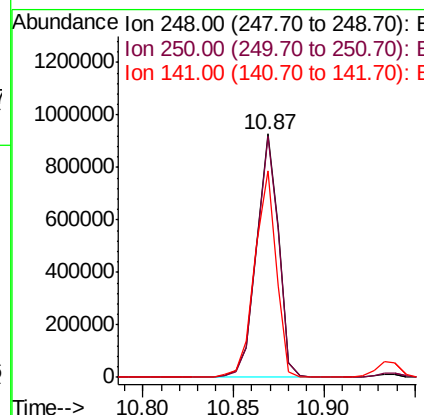
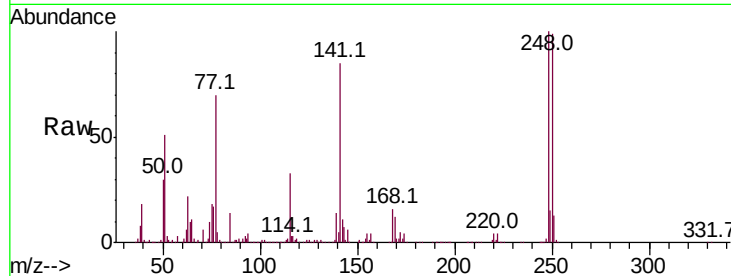
#67  
4-Bromophenyl-phenylether  
Concen: 37.974 ng  
RT: 10.87 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.0  | 77.0  | 115.4 |
| 141     | 84.9  | 63.0  | 94.6  |

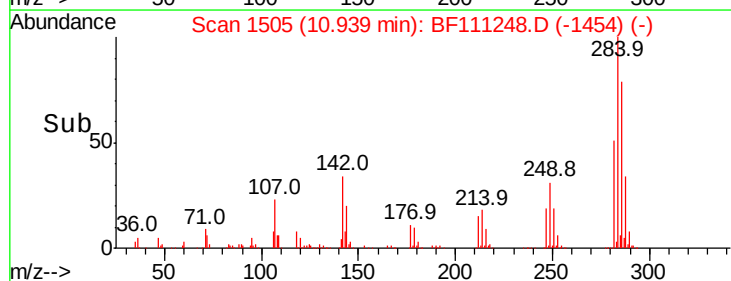
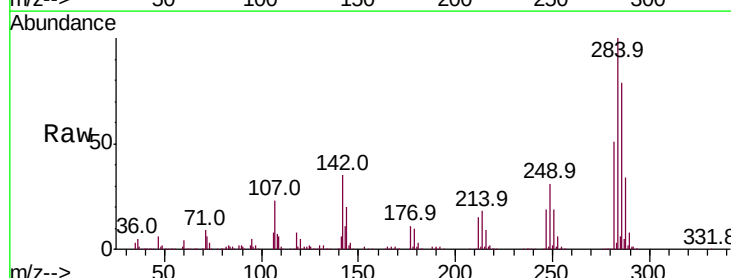
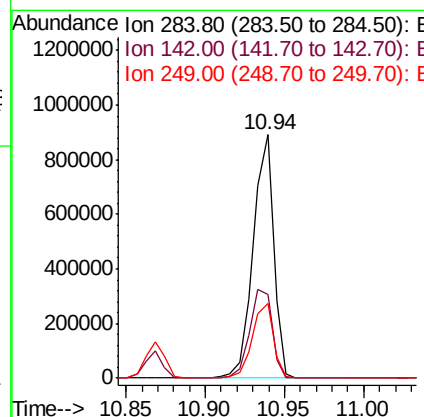
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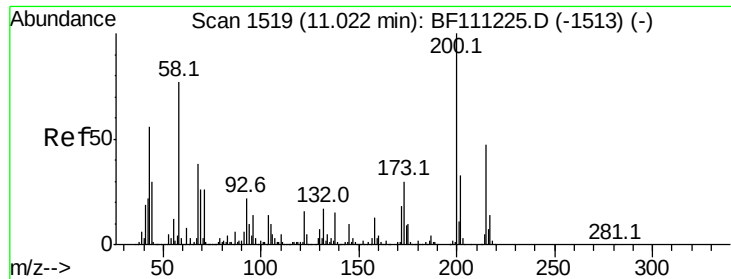
Sohil  
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#68  
Hexachlorobenzene  
Concen: 38.333 ng  
RT: 10.94 min Scan# 1505  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.6  | 27.4  | 41.2  |
| 249     | 30.9  | 24.4  | 36.6  |





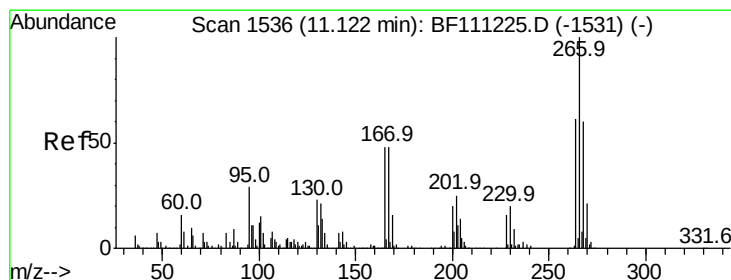
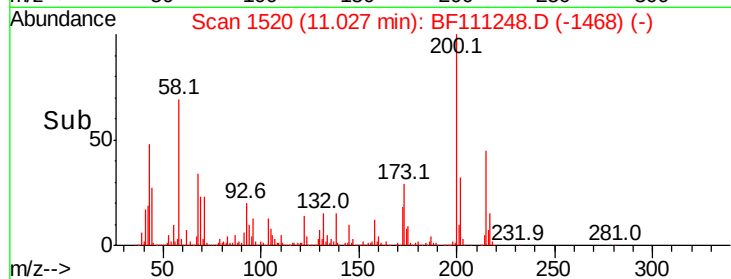
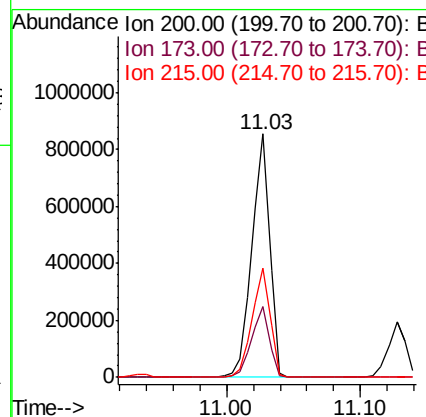
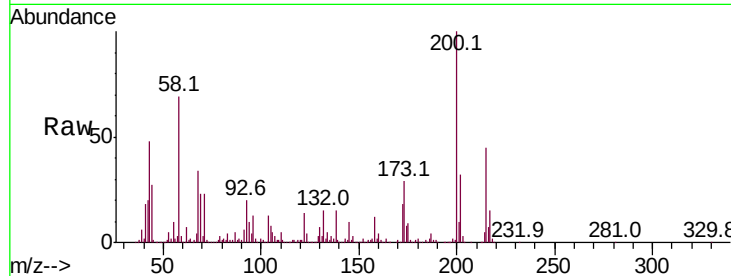
#69  
Atrazine  
Concen: 40.484 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.9  | 10.1  | 50.1  |
| 215     | 45.0  | 26.9  | 66.9  |

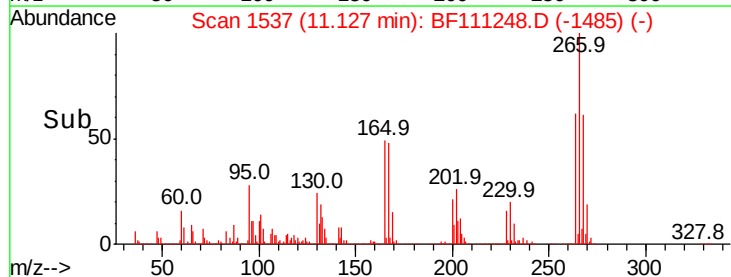
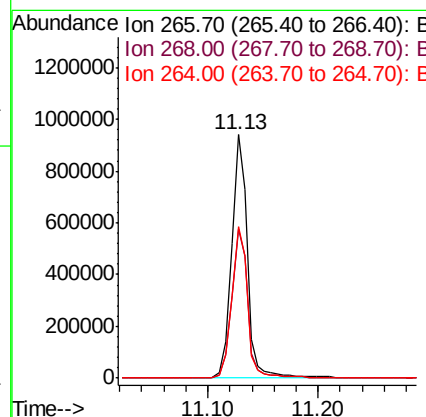
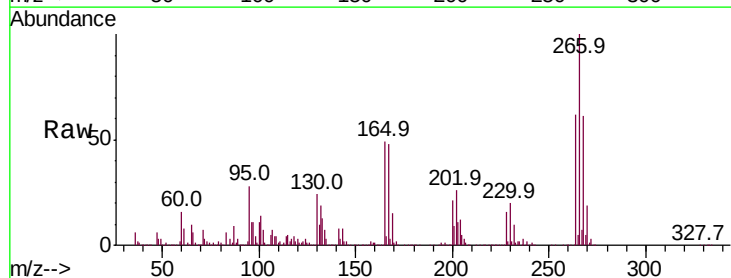
Manual Integrations  
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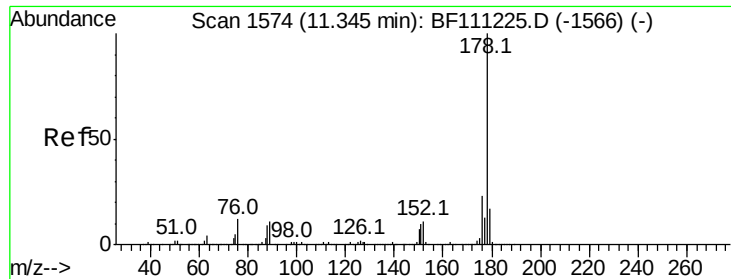
Sohil  
12/11/2018 2:23:29 PM



#70  
Pentachlorophenol  
Concen: 62.417 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.0  | 47.9  | 71.9  |
| 264     | 62.0  | 49.1  | 73.7  |





#71

Phenanthrene

Concen: 39.712 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampled :

PB115276BS

Tot Ion:178 Resp: 3754354

Ion Ratio Lower Upper

178 100

176 21.8 18.1 27.1

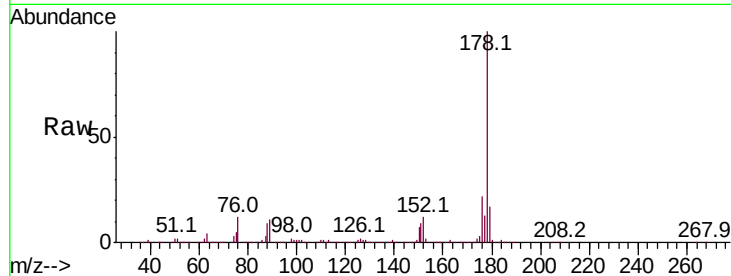
179 17.0 14.0 21.0

Manual Integrations

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Sohil

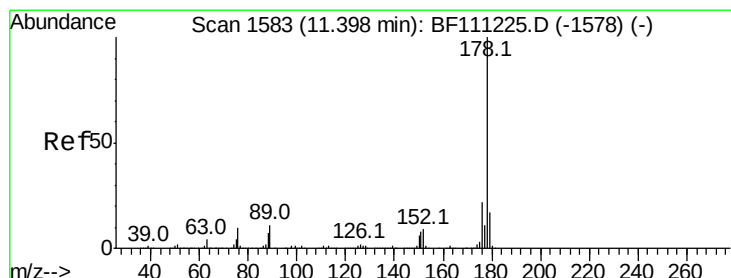
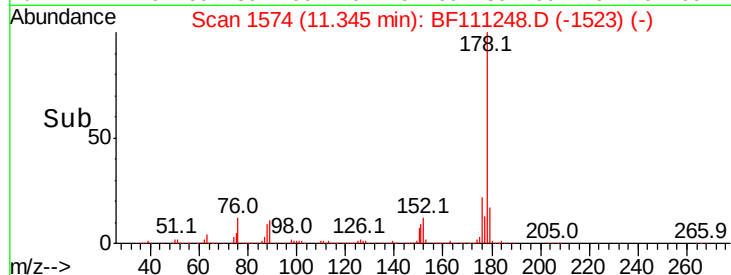
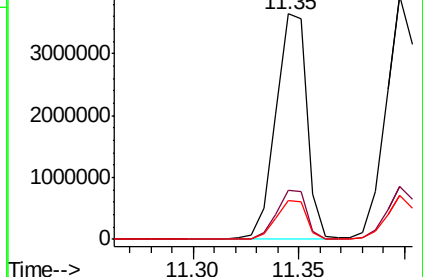
12/11/2018 2:23:29 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.887 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Tgt Ion:178 Resp: 3846277

Ion Ratio Lower Upper

178 100

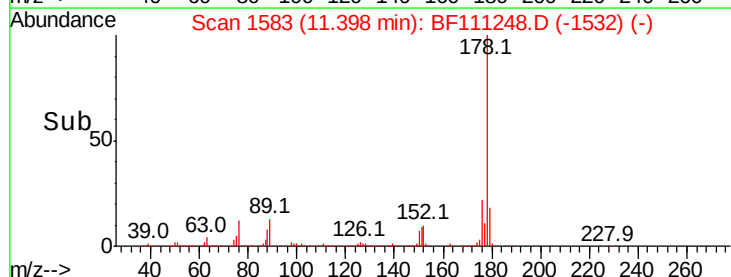
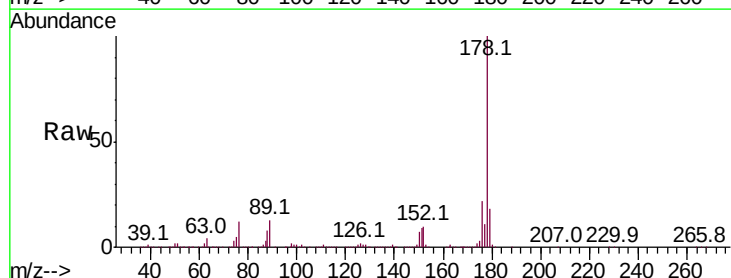
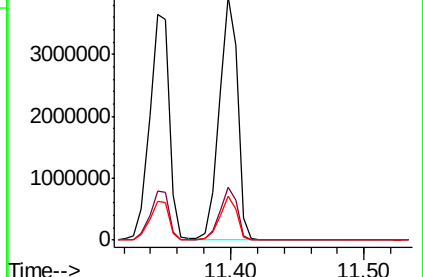
176 21.9 17.2 25.8

179 18.2 13.8 20.8

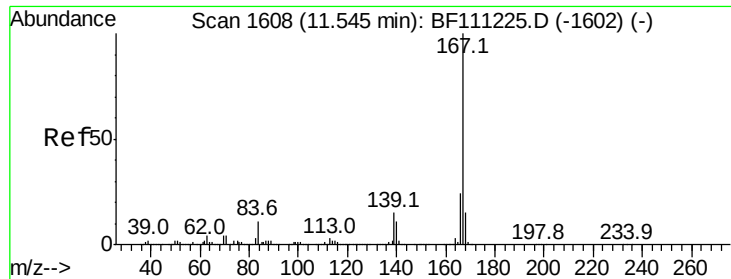
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







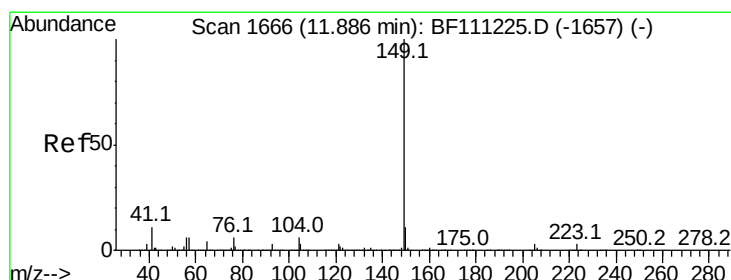
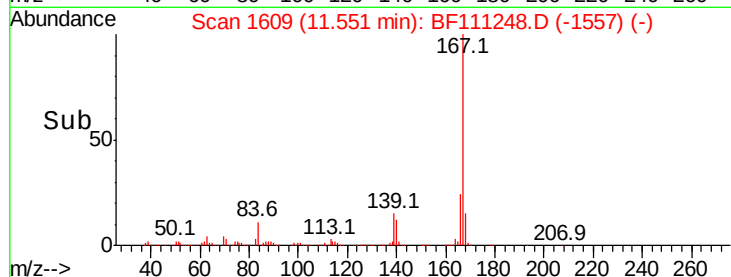
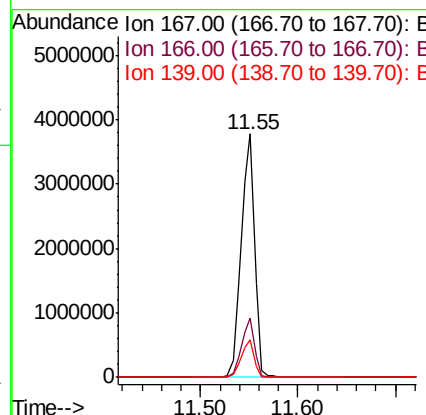
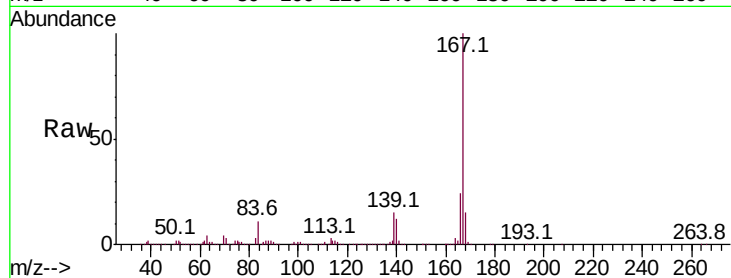
#73  
 Carbazole  
 Concen: 35.014 ng  
 RT: 11.55 min Scan# 1609  
 Delta R.T. 0.01 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.4  | 19.3  | 28.9  |
| 139     | 15.2  | 11.9  | 17.9  |

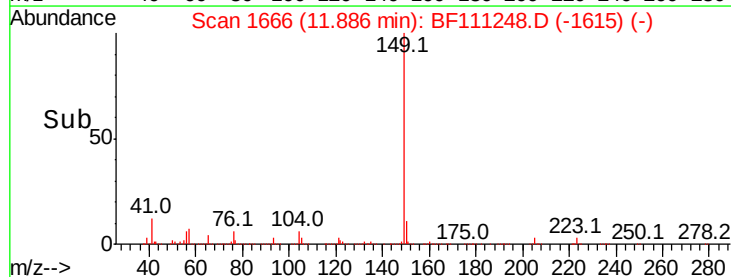
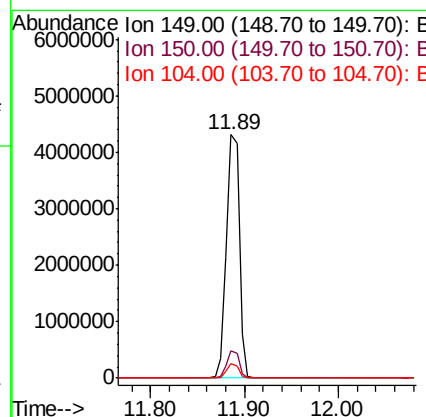
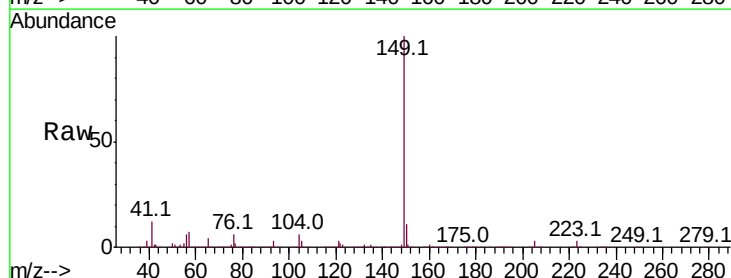
Manual Integrations  
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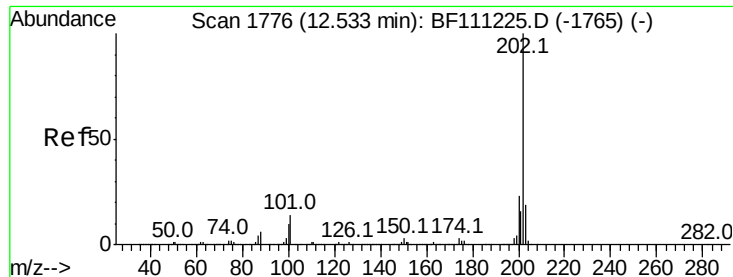
Sohil  
 12/11/2018 2:23:29 PM



#74  
 Di-n-butylphthalate  
 Concen: 39.352 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 11.4  | 8.8   | 13.2  |
| 104     | 5.8   | 4.5   | 6.7   |





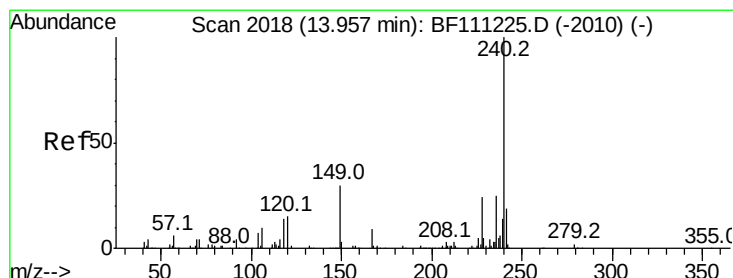
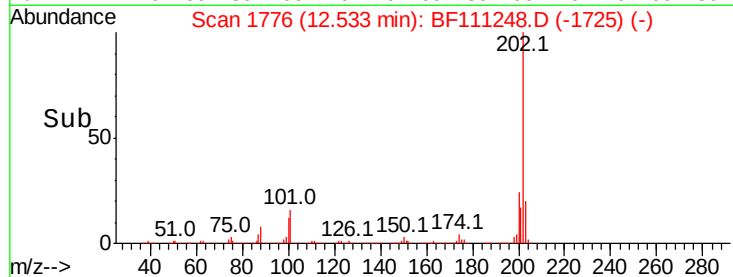
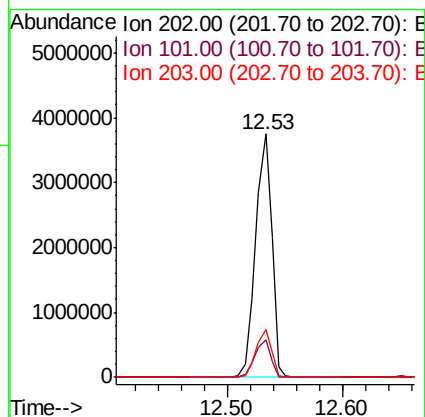
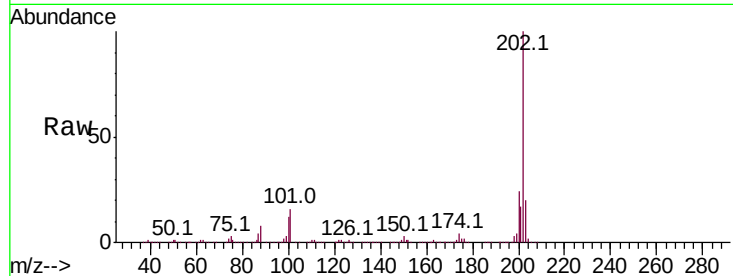
#75  
 Fluoranthene  
 Concen: 42.626 ng  
 RT: 12.53 min Scan# 1776  
 Delta R.T. -0.00 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 3681267 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 15.5  | 0.0   | 33.8    |
| 203      | 19.9  | 0.0   | 38.6    |

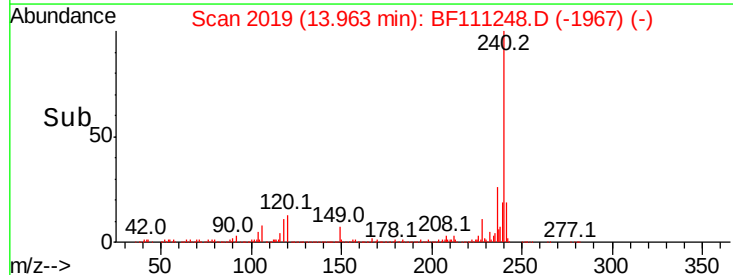
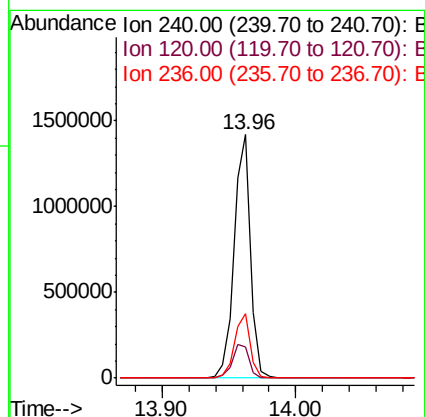
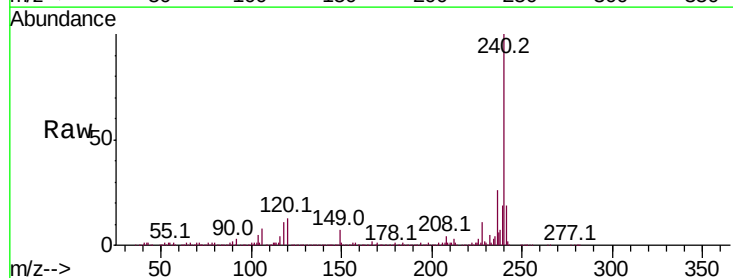
Manual Integrations  
 APPROVED

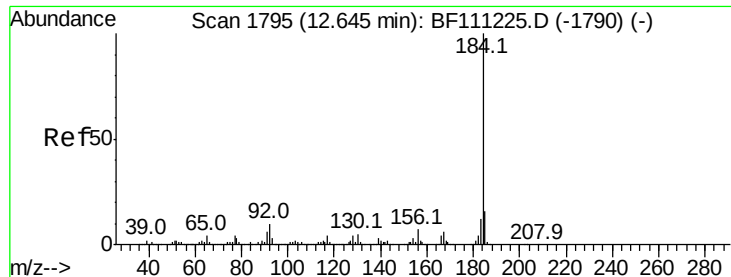
Sohil  
 12/11/2018 2:23:29 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. 0.01 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1220814 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 12.6  | 12.2  | 18.2    |
| 236      | 26.2  | 20.2  | 30.2    |





#77

Benzidine

Concen: 53.079 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion:184 Resp: 1924048

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

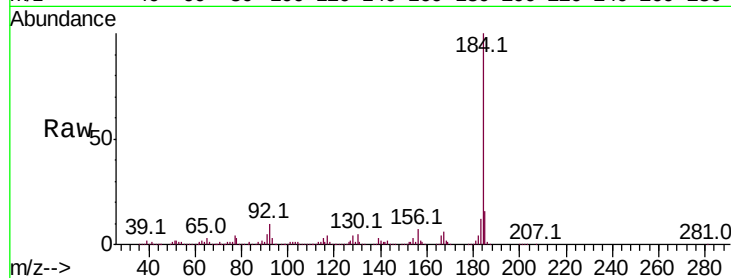
183 11.6 9.3 13.9

Manual Integrations

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Sohil

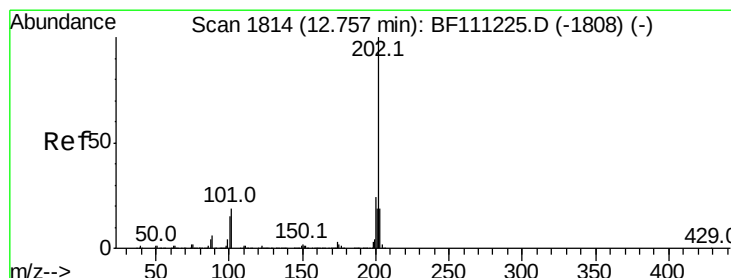
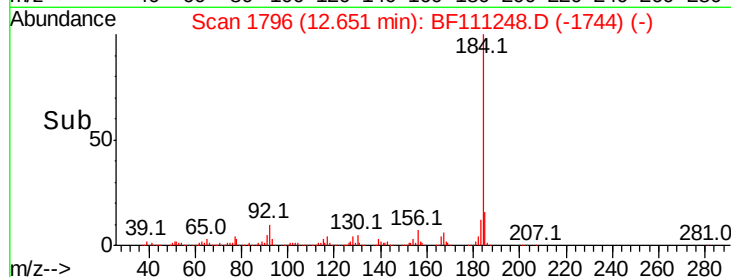
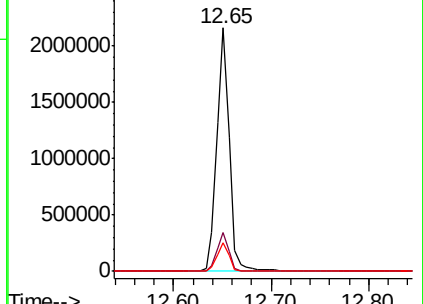
12/11/2018 2:23:29 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.813 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

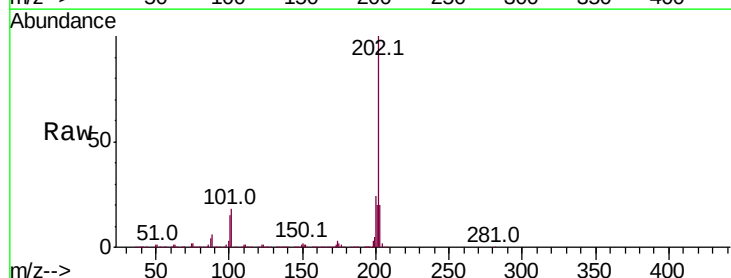
Tgt Ion:202 Resp: 3735014

Ion Ratio Lower Upper

202 100

200 24.3 19.0 28.4

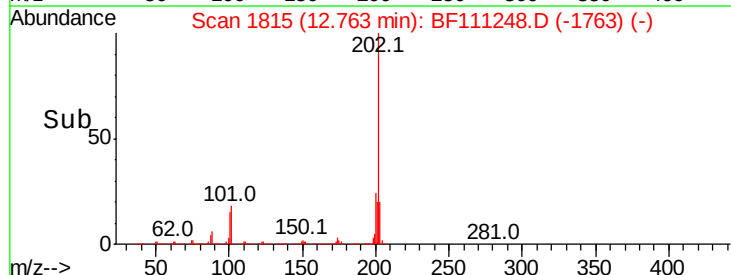
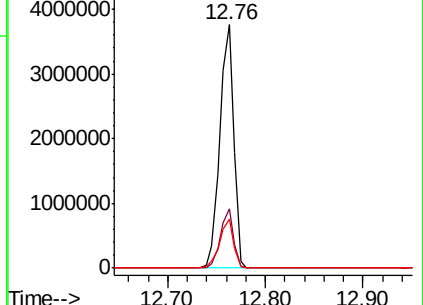
203 20.0 15.2 22.8

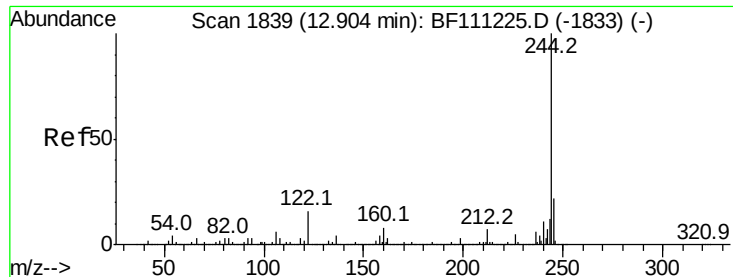


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.962 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion:244 Resp: 3815285

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

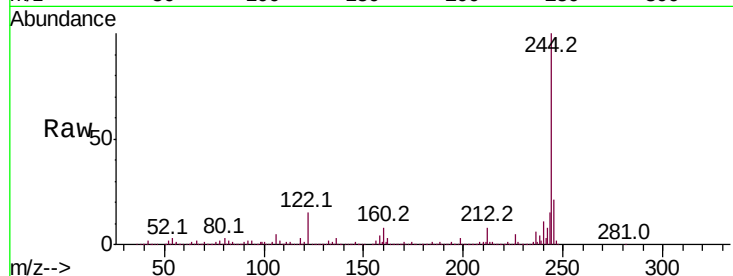
122 14.6 13.1 19.7

Manual Integrations

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Sohil

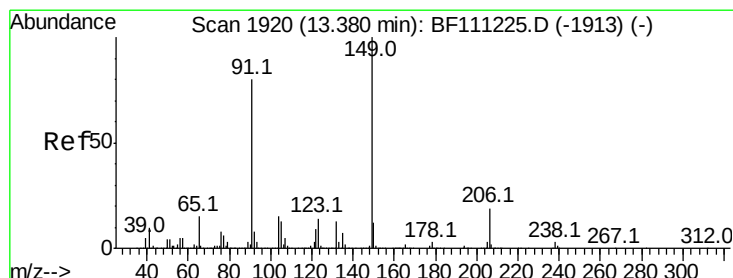
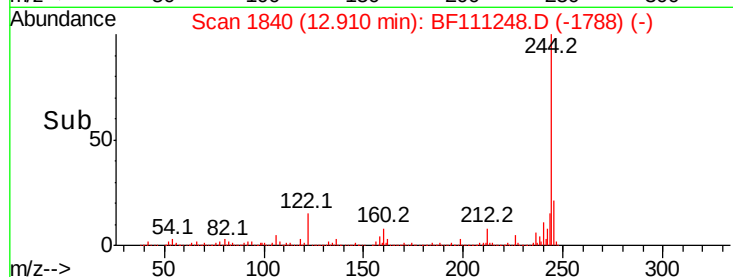
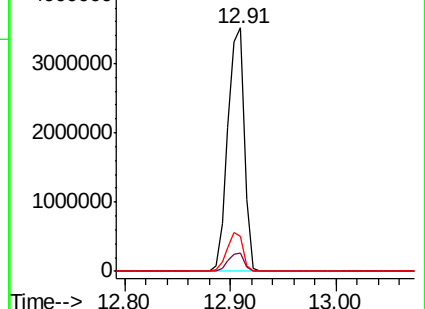
12/11/2018 2:23:29 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.868 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

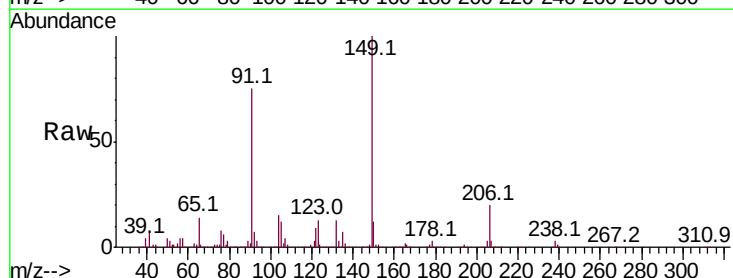
Tgt Ion:149 Resp: 1862247

Ion Ratio Lower Upper

149 100

91 74.9 63.8 95.6

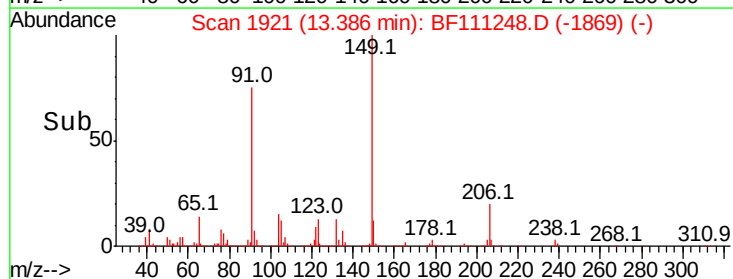
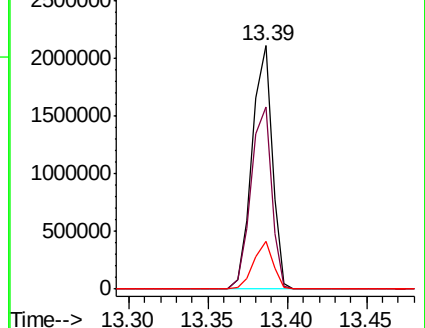
206 19.6 15.1 22.7

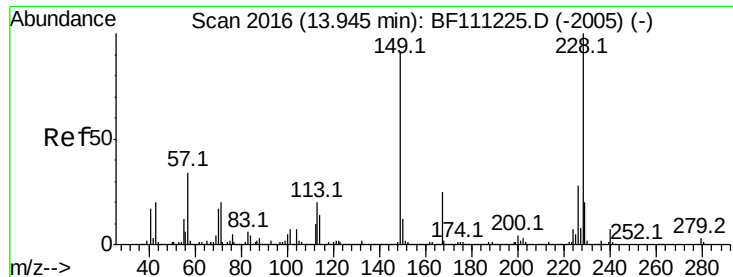


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





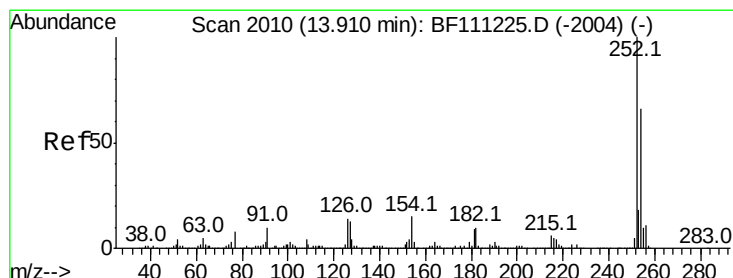
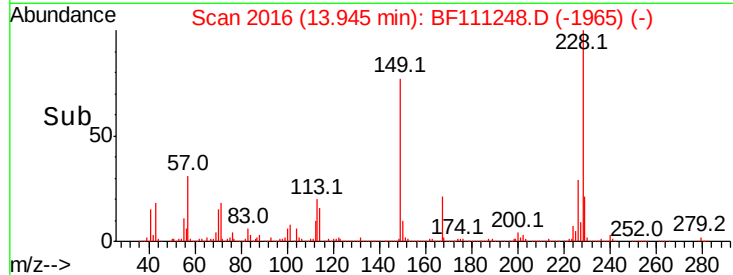
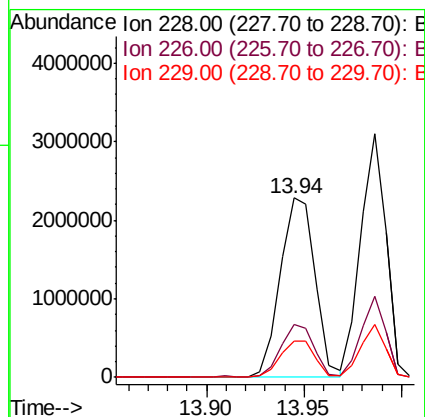
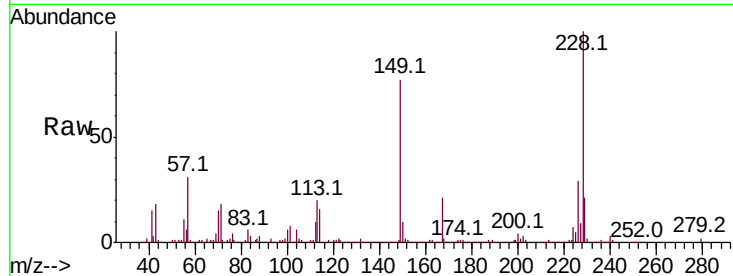
#81  
Benzo(a)anthracene  
Concen: 41.456 ng  
RT: 13.94 min Scan# 2016  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 22.6  | 34.0  |
| 229     | 20.5  | 16.3  | 24.5  |

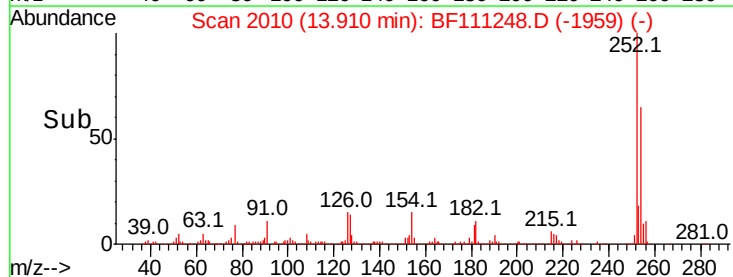
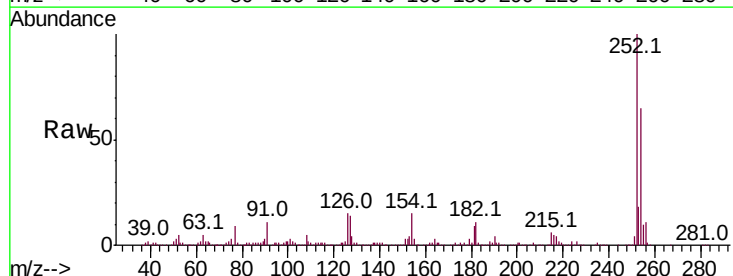
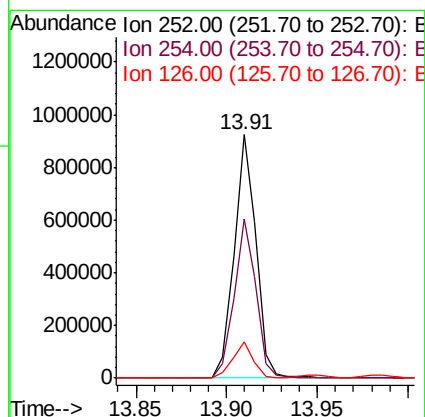
Manual Integrations  
APPROVED

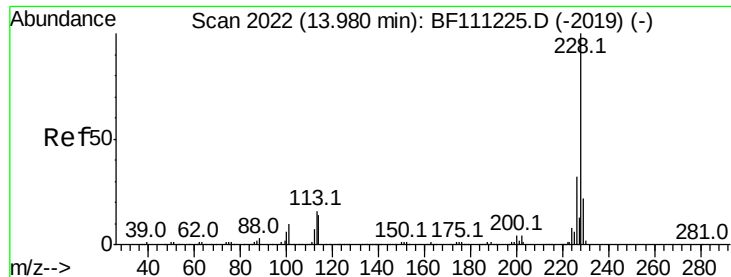
Sohil  
12/11/2018 2:23:29 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 27.777 ng  
RT: 13.91 min Scan# 2010  
Delta R.T. -0.00 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 52.7  | 79.1  |
| 126     | 14.6  | 11.1  | 16.7  |





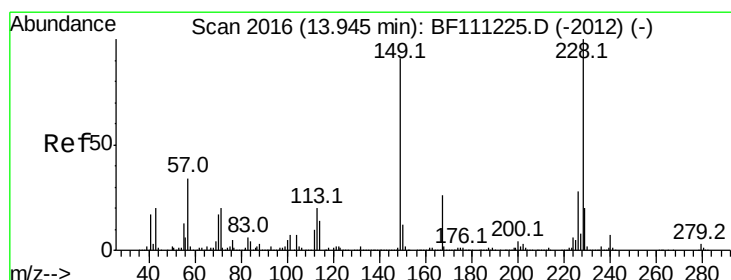
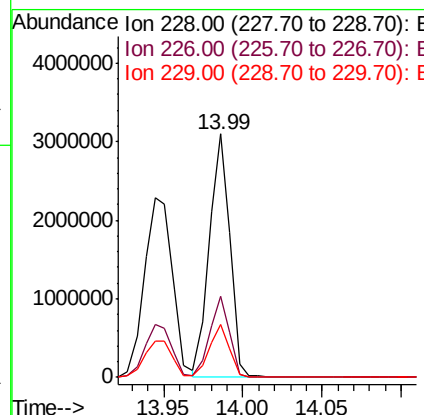
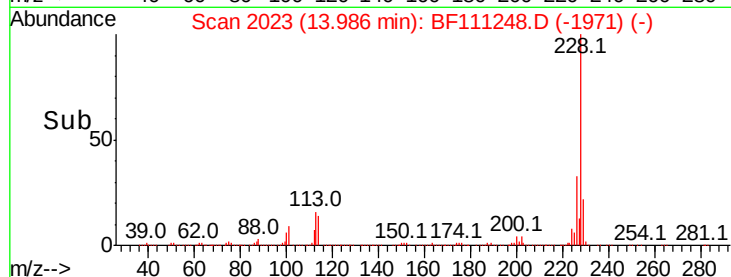
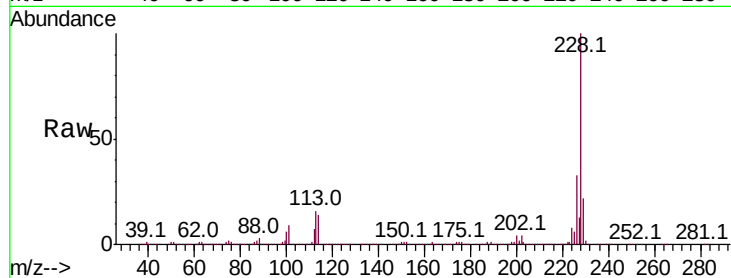
#83  
 Chrysene  
 Concen: 40.079 ng  
 RT: 13.99 min Scan# 2023  
 Delta R.T. 0.01 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB115276BS

Tot Ion:228 Resp: 2814130  
 Ion Ratio Lower Upper  
 228 100  
 226 33.2 25.3 37.9  
 229 21.9 17.2 25.8

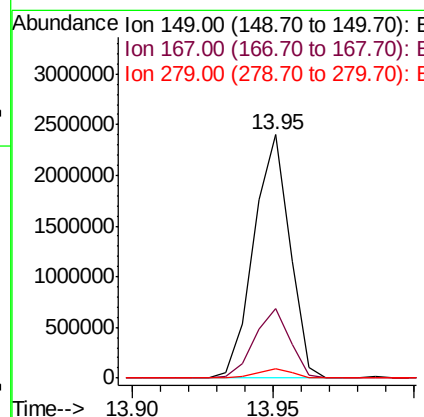
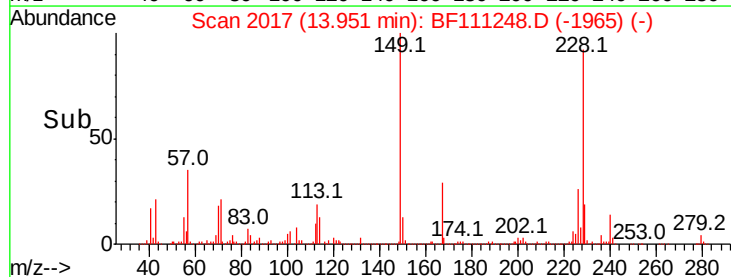
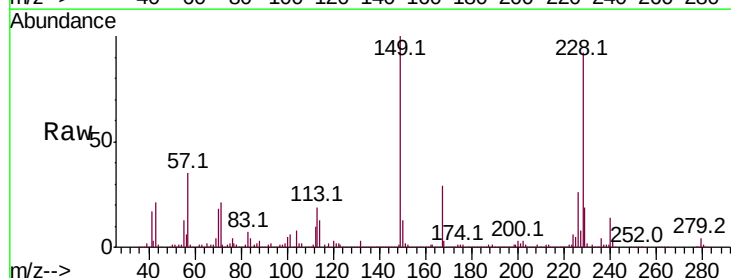
Manual Integrations  
 APPROVED

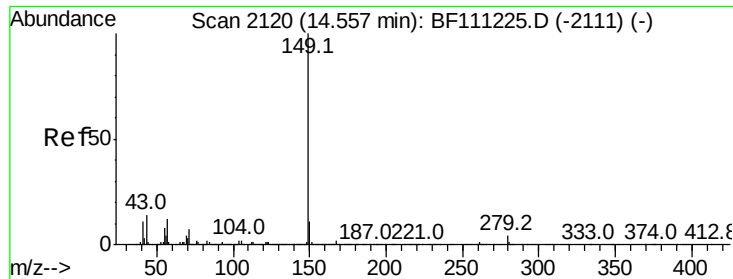
Sohil  
 12/11/2018 2:23:29 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.167 ng  
 RT: 13.95 min Scan# 2017  
 Delta R.T. 0.01 min  
 Lab File: BF111248.D  
 Acq: 10 Dec 2018 18:02

Tgt Ion:149 Resp: 2120731  
 Ion Ratio Lower Upper  
 149 100  
 167 28.7 22.5 33.7  
 279 3.7 2.6 4.0





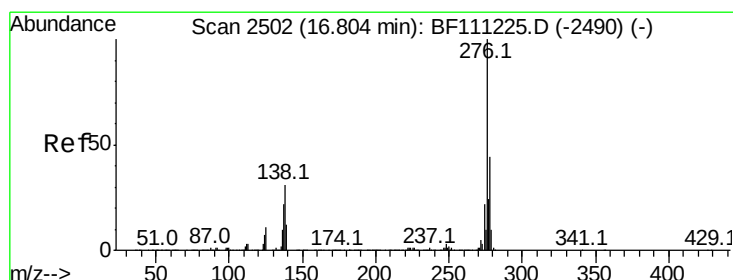
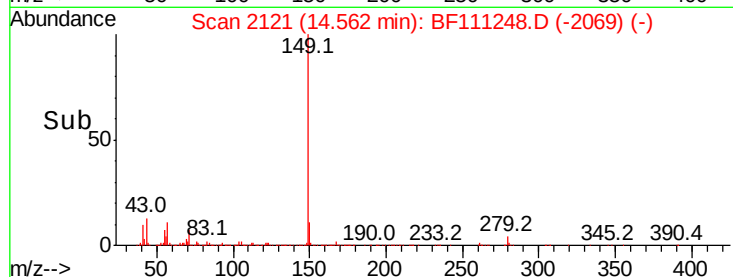
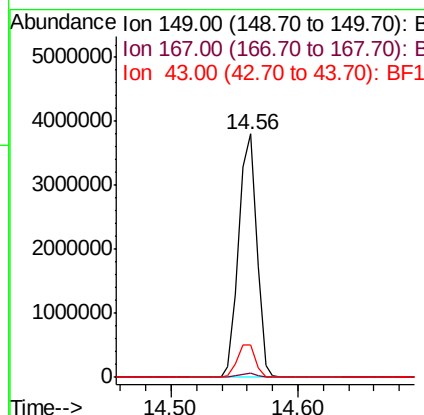
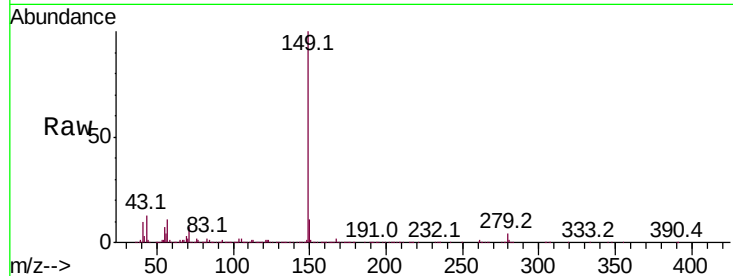
#85  
Di-n-octyl phthalate  
Concen: 40.917 ng  
RT: 14.56 min Scan# 2121  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 13.6  | 10.9  | 16.3  |

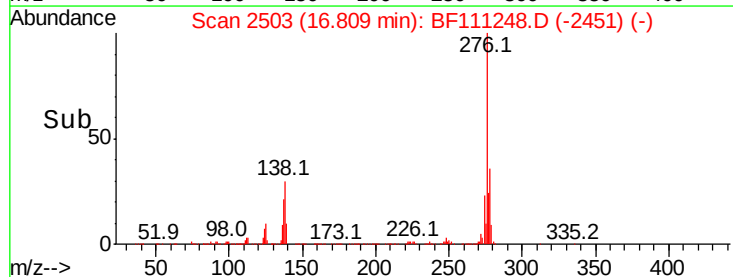
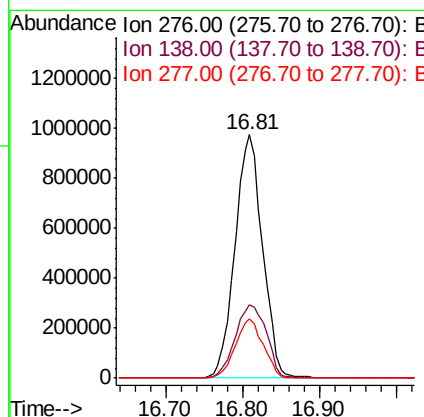
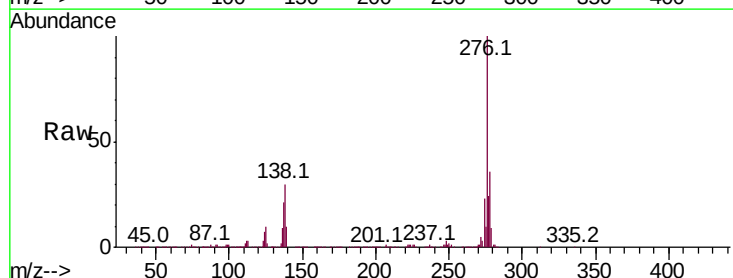
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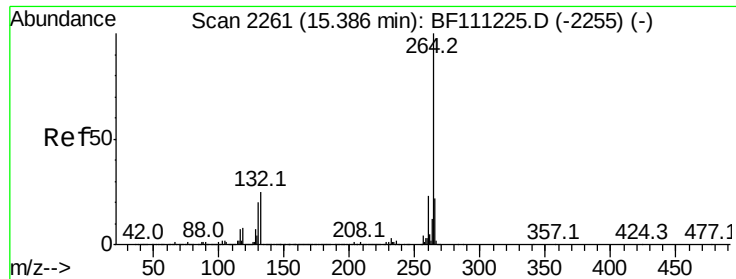
Sohil  
12/11/2018 2:23:29 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 43.057 ng  
RT: 16.81 min Scan# 2503  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 34.0  | 27.8  | 41.6  |
| 277     | 24.8  | 20.1  | 30.1  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

Instrument :

BNA\_F

ClientSampleId :

PB115276BS

Tot Ion:264 Resp: 1049937

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

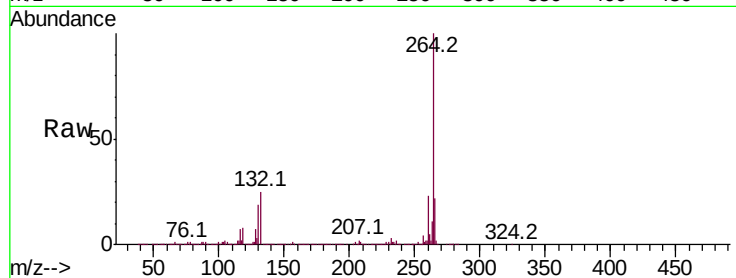
265 21.6 17.7 26.5

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Sohil

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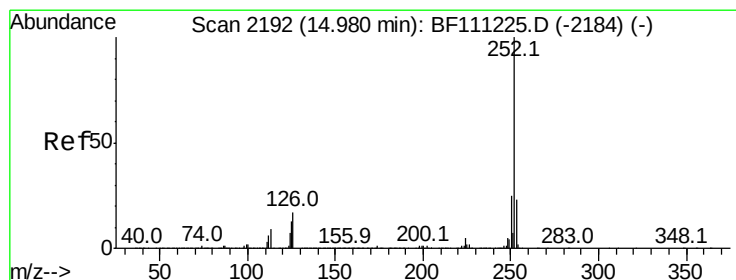
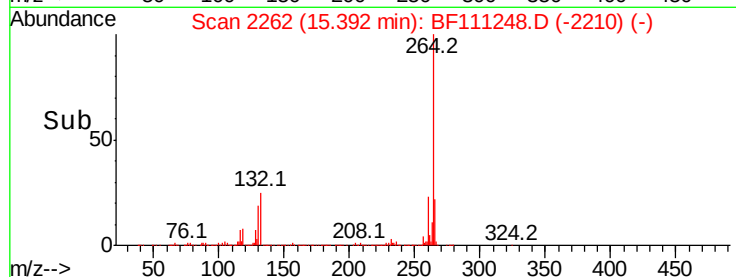
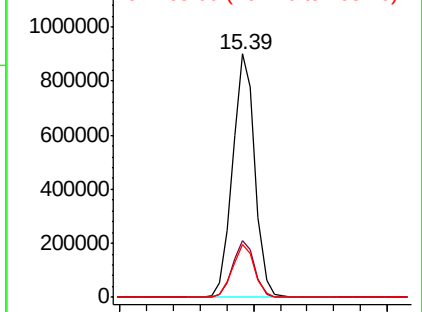


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 45.312 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF111248.D

Acq: 10 Dec 2018 18:02

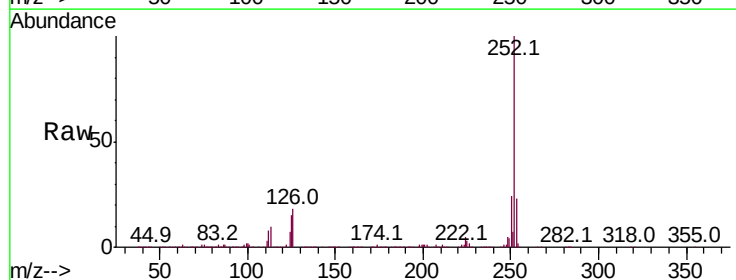
Tgt Ion:252 Resp: 2630988

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 14.7 10.4 15.6

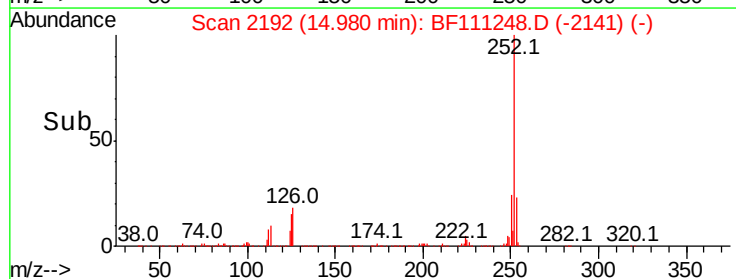
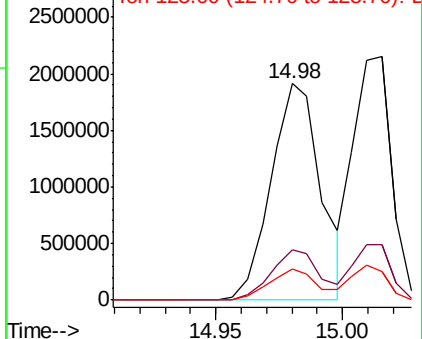


Abundance

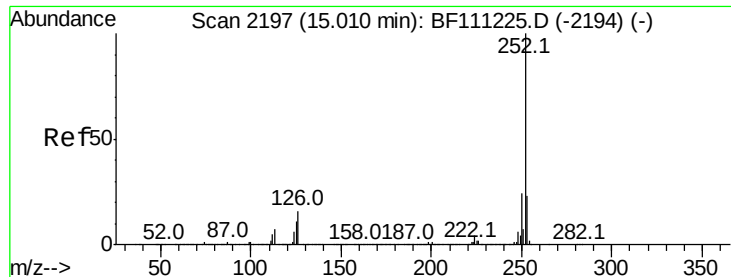
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







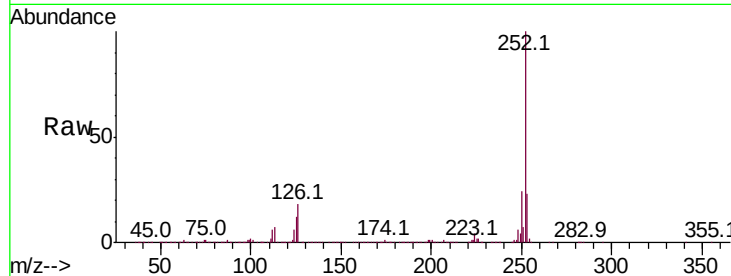
#89  
Benzo(k)fluoranthene  
Concen: 41.496 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 11.8  | 9.8   | 14.8  |

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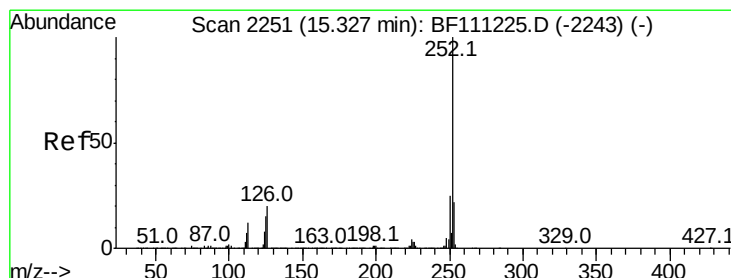
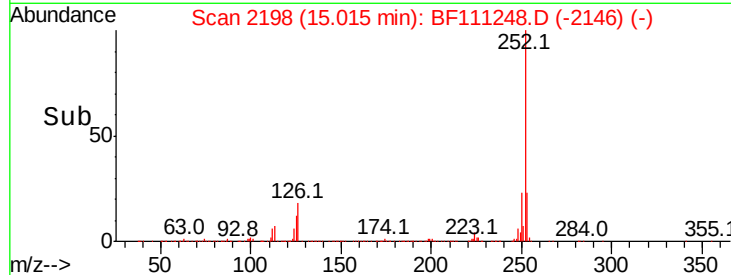
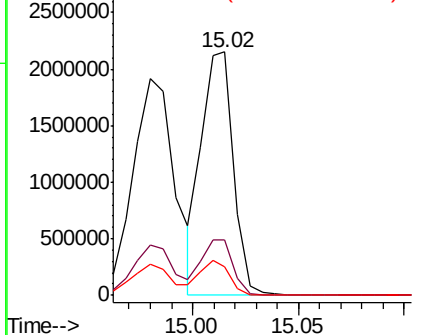


Abundance

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



#90  
Benzo(a)pyrene  
Concen: 43.783 ng  
RT: 15.34 min Scan# 2253  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

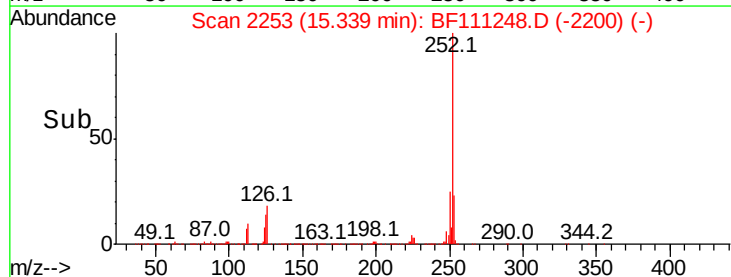
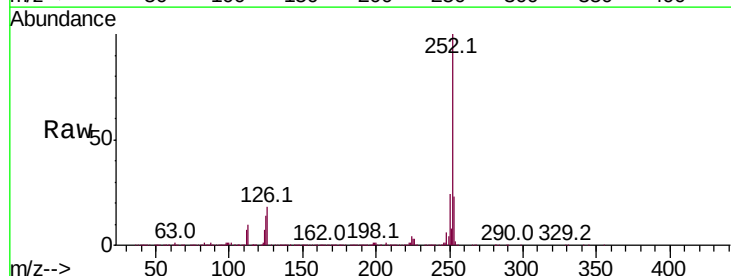
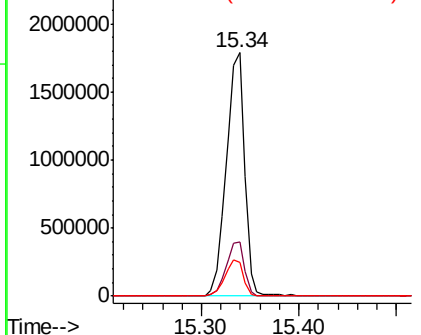
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.8  | 26.8  |
| 125     | 13.6  | 12.3  | 18.5  |

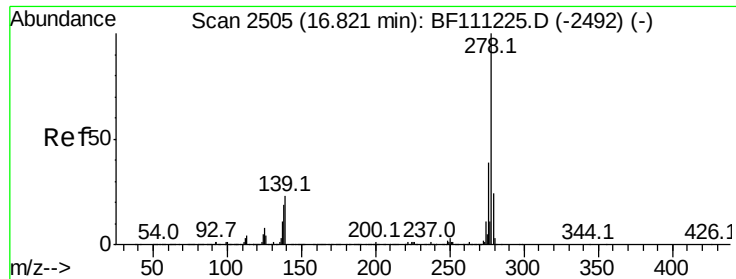
Abundance

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





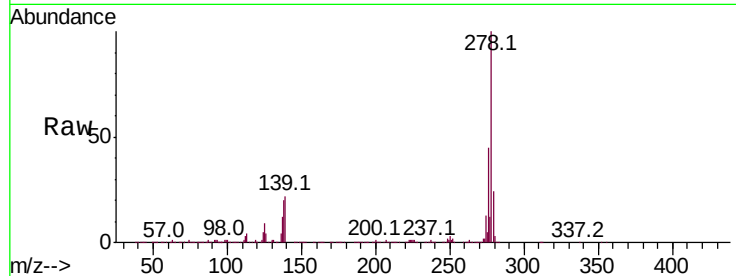
#91  
Dibenzo(a,h)anthracene  
Concen: 48.185 ng  
RT: 16.83 min Scan# 2506  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB115276BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.7  | 18.2  | 27.4  |
| 279     | 24.0  | 19.0  | 28.6  |

Manual Integrations  
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12/11/2018 2:23:29 PM

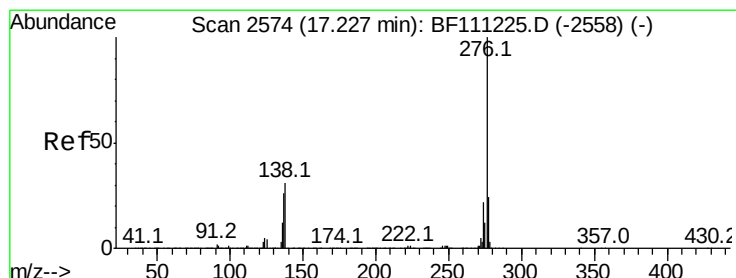
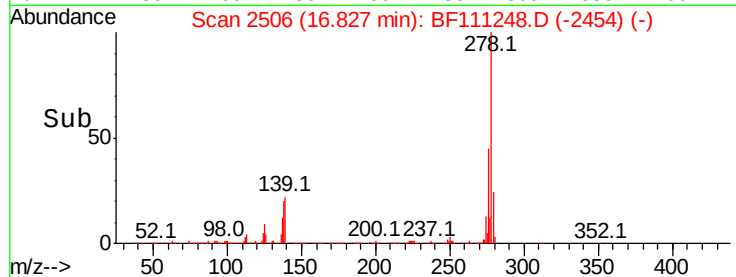
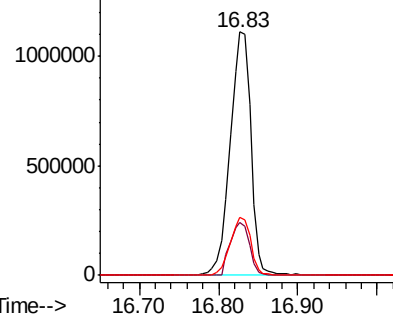


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 49.468 ng  
RT: 17.24 min Scan# 2576  
Delta R.T. 0.01 min  
Lab File: BF111248.D  
Acq: 10 Dec 2018 18:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 19.2  | 28.8  |
| 138     | 28.5  | 24.9  | 37.3  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

