

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032719\  
 Data File : BF113329.D  
 Acq On : 27 Mar 2019 14:25  
 Operator : JU/SJ  
 Sample : K2102-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

Quant Time: Mar 28 01:05:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 03:32:08 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 170983   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 646670   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.73  | 164  | 310963   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.21 | 188  | 632254   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.84 | 240  | 392049   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.24 | 264  | 411176   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.32  | 112 | 852266  | 81.50 | ng | 0.00 |
| 7) Phenol-d6                | 6.35  | 99  | 1111501 | 84.02 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.26  | 82  | 669420  | 61.44 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.52 | 330 | 305113  | 79.43 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.06  | 172 | 1203043 | 54.26 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.79 | 244 | 1255545 | 70.59 | ng | 0.00 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.41 | 88  | 125953 | 23.740 | ng | 99   |
| 3) Pyridine                    | 3.13 | 79  | 315643 | 24.133 | ng | 94   |
| 4) n-Nitrosodimethylamine      | 3.04 | 42  | 147230 | 25.321 | ng | 90   |
| 6) Aniline                     | 6.36 | 93  | 311050 | 19.309 | ng | # 78 |
| 8) 2-Chlorophenol              | 6.49 | 128 | 331494 | 27.299 | ng | 95   |
| 9) Benzaldehyde                | 6.25 | 77  | 73413  | 8.270  | ng | 98   |
| 10) Phenol                     | 6.36 | 94  | 413717 | 27.394 | ng | 89   |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 316279 | 27.321 | ng | 100  |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 345551 | 26.399 | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 356278 | 28.190 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 329314 | 26.486 | ng | 97   |
| 15) Benzyl Alcohol             | 6.85 | 79  | 258943 | 29.671 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 487984 | 28.060 | ng | 96   |
| 17) 2-Methylphenol             | 6.97 | 107 | 274650 | 28.861 | ng | 97   |
| 18) Hexachloroethane           | 7.22 | 117 | 123567 | 27.221 | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 216957 | 26.110 | ng | 97   |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 341478 | 28.494 | ng | 94   |
| 22) Acetophenone               | 7.11 | 105 | 446292 | 30.262 | ng | # 97 |
| 24) Nitrobenzene               | 7.28 | 77  | 339703 | 29.879 | ng | 96   |
| 25) Isophorone                 | 7.53 | 82  | 611871 | 28.979 | ng | 99   |
| 26) 2-Nitrophenol              | 7.60 | 139 | 173521 | 28.874 | ng | 91   |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 299732 | 34.673 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 395276 | 29.728 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 283053 | 30.215 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 295194 | 29.207 | ng | 98   |
| 31) Naphthalene                | 8.00 | 128 | 941410 | 29.790 | ng | 99   |
| 32) Benzoic acid               | 7.79 | 122 | 17868  | 2.568  | ng | # 86 |
| 33) 4-Chloroaniline            | 8.06 | 127 | 280564 | 22.768 | ng | 97   |
| 34) Hexachlorobutadiene        | 8.13 | 225 | 168565 | 28.061 | ng | 100  |
| 35) Caprolactam                | 8.42 | 113 | 84023  | 27.946 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 288309 | 30.598 | ng | 99   |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 629819 | 31.941 | ng | 98   |
| 38) 1-Methylnaphthalene        | 8.80 | 142 | 596014 | 31.425 | ng | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 289738 | 29.027 | ng | 99   |

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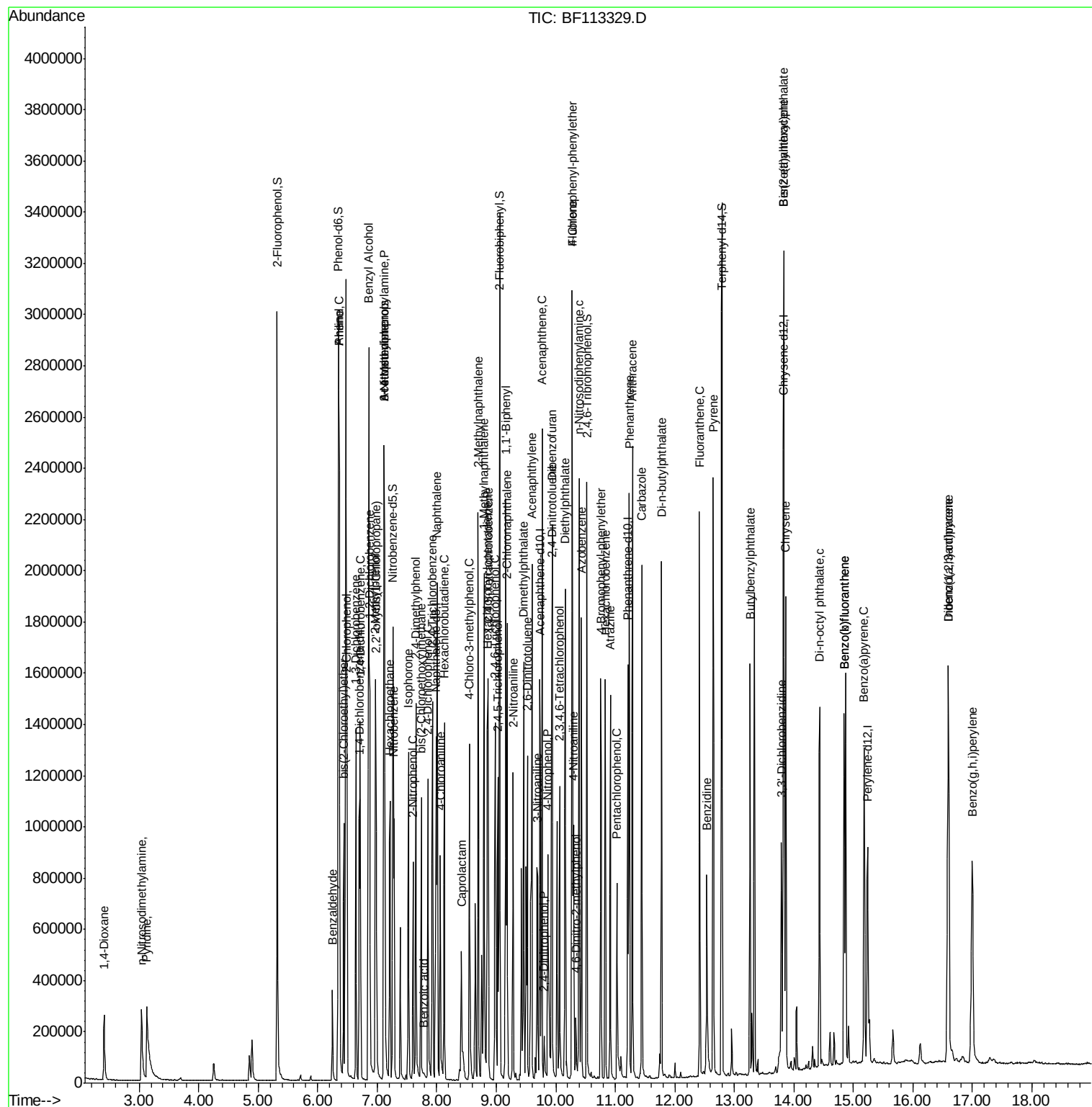
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 198236   | 46.919 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.98  | 196  | 187672   | 28.872 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.03  | 196  | 202264   | 28.117 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 764020   | 29.418 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 582859   | 29.148 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.28  | 65   | 188152   | 29.983 | ng    | 99       |
| 49) Acenaphthylene             | 9.60  | 152  | 958529   | 29.646 | ng    | 99       |
| 50) Dimethylphthalate          | 9.46  | 163  | 769153   | 33.376 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.52  | 165  | 154432   | 29.705 | ng    | 95       |
| 52) Acenaphthene               | 9.77  | 154  | 537872   | 29.540 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.69  | 138  | 150330   | 25.641 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.80  | 184  | 30467    | 11.783 | ng    | 99       |
| 55) Dibenzofuran               | 9.94  | 168  | 836644   | 30.564 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 192671   | 46.096 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 202609   | 30.646 | ng    | 96       |
| 58) Fluorene                   | 10.28 | 166  | 629883   | 29.621 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 153001   | 25.151 | ng    | 99       |
| 60) Diethylphthalate           | 10.16 | 149  | 661842   | 29.276 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.27 | 204  | 309174   | 29.831 | ng    | 93       |
| 62) 4-Nitroaniline             | 10.30 | 138  | 177068   | 29.334 | ng    | 97       |
| 63) Azobenzene                 | 10.43 | 77   | 628988   | 29.557 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.34 | 198  | 39374    | 11.384 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.39 | 169  | 586830   | 30.248 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.76 | 248  | 198203   | 28.762 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.83 | 284  | 234208   | 29.281 | ng    | 99       |
| 69) Atrazine                   | 10.92 | 200  | 181907   | 29.706 | ng    | 96       |
| 70) Pentachlorophenol          | 11.03 | 266  | 124568   | 29.891 | ng    | 99       |
| 71) Phenanthrene               | 11.24 | 178  | 928110   | 29.560 | ng    | 99       |
| 72) Anthracene                 | 11.29 | 178  | 977963   | 30.665 | ng    | 100      |
| 73) Carbazole                  | 11.45 | 167  | 914576   | 30.053 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.77 | 149  | 1032803  | 29.266 | ng    | 100      |
| 75) Fluoranthene               | 12.42 | 202  | 979974   | 27.609 | ng    | 98       |
| 77) Benzidine                  | 12.54 | 184  | 307949   | 20.512 | ng    | 98       |
| 78) Pyrene                     | 12.65 | 202  | 972387   | 35.792 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.26 | 149  | 377225   | 31.506 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.83 | 228  | 647295   | 28.844 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 202590   | 22.503 | ng    | 99       |
| 83) Chrysene                   | 13.86 | 228  | 678541   | 29.768 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 448004   | 30.523 | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 14.43 | 149  | 694251   | 27.865 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 819866   | 41.910 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 14.84 | 252  | 647847   | 25.364 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.84 | 252  | 647847   | 28.882 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.18 | 252  | 648870   | 28.655 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.60 | 278  | 691511   | 35.318 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.00 | 276  | 702764   | 35.598 | ng    | 99       |

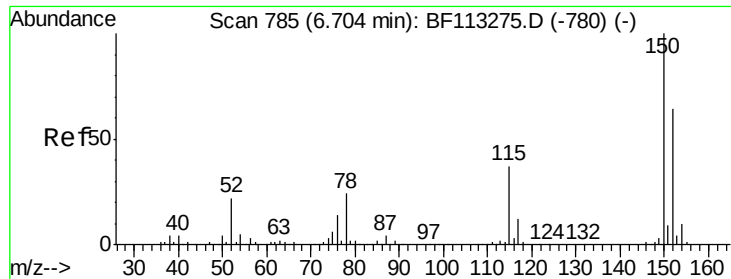
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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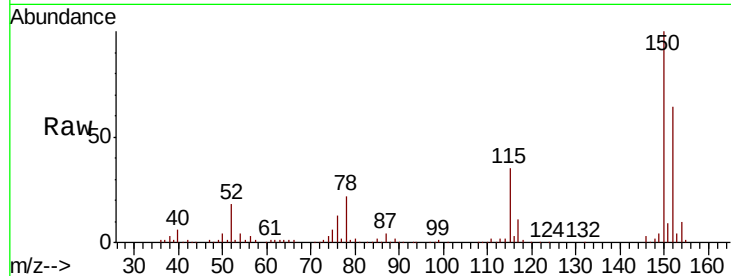


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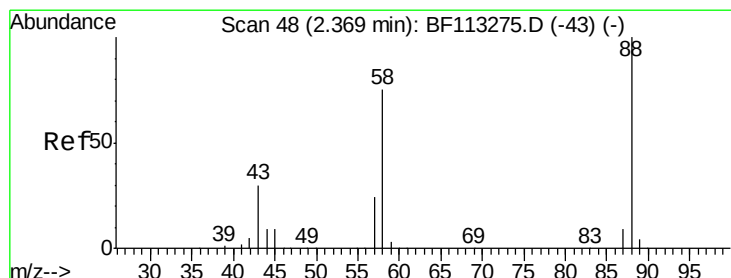
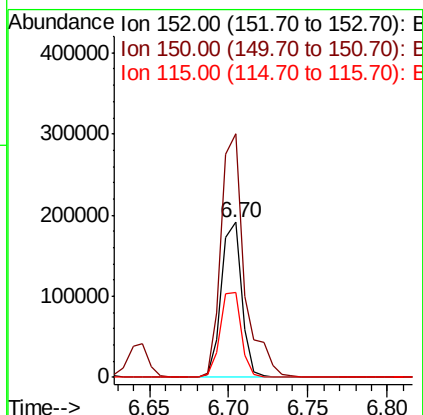
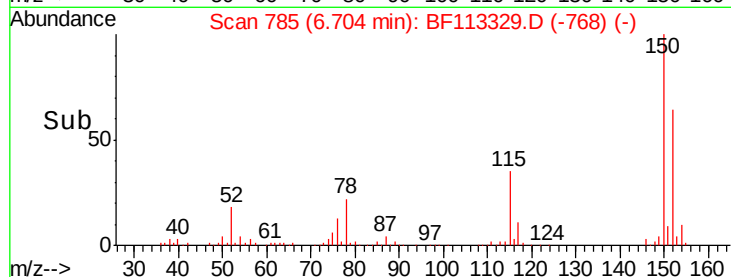
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

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Tgt Ion:152 Resp: 170983  
Ion Ratio Lower Upper  
152 100  
150 156.9 124.7 187.1  
115 54.9 46.0 69.0



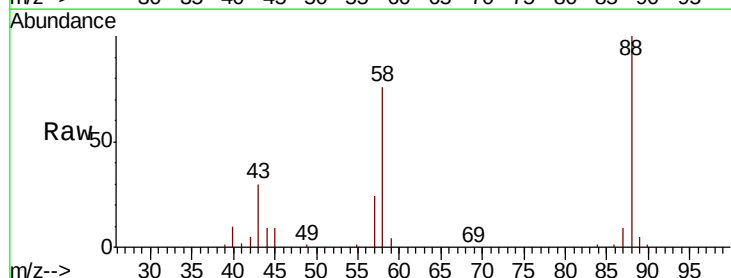
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



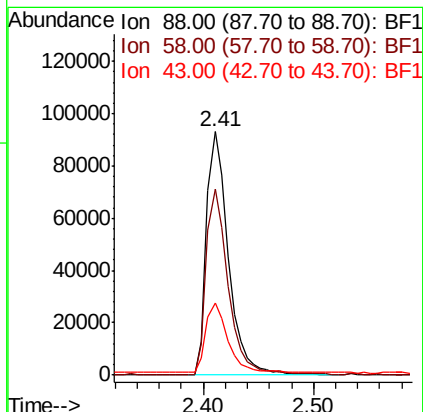
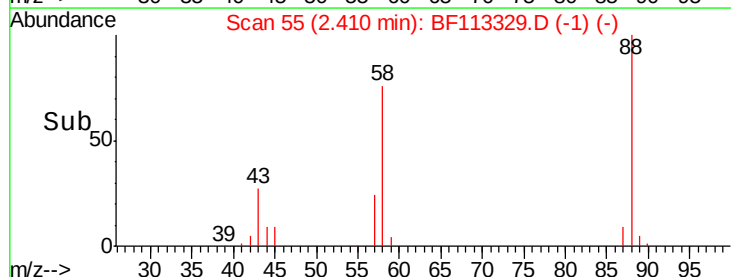
#2

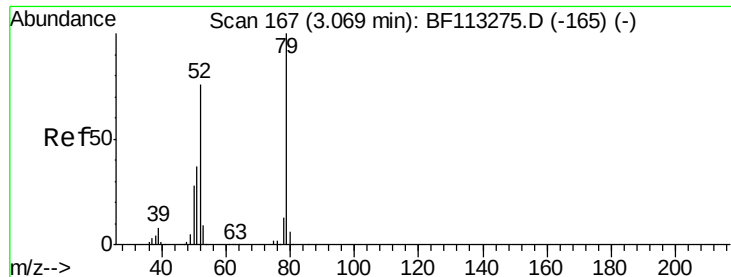
1,4-Dioxane  
Concen: 23.740 ng  
RT: 2.41 min Scan# 55  
Delta R.T. 0.04 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion: 88 Resp: 125953  
Ion Ratio Lower Upper  
88 100  
58 76.7 61.9 92.9  
43 28.6 24.2 36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 24.133 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

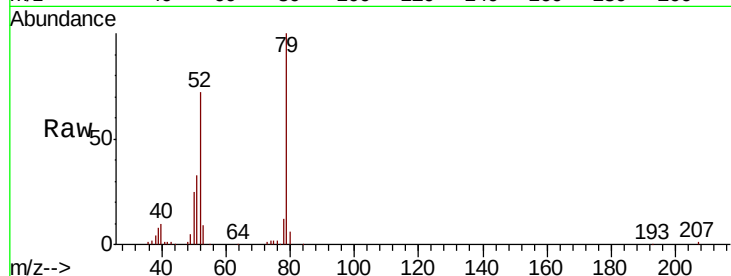
Tgt Ion: 79 Resp: 315643

Ion Ratio Lower Upper

79 100

52 71.8 61.0 91.4

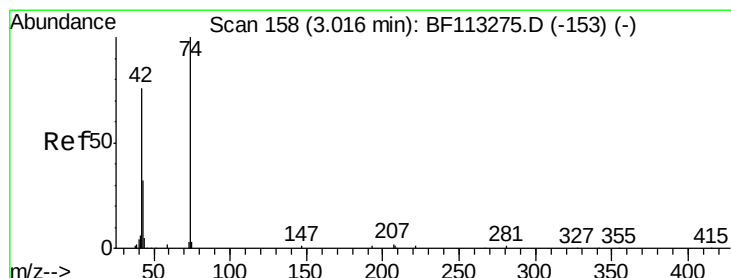
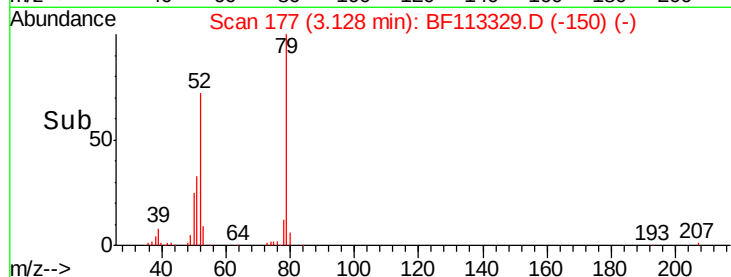
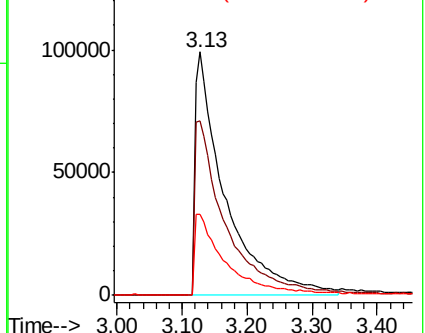
51 33.3 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 25.321 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

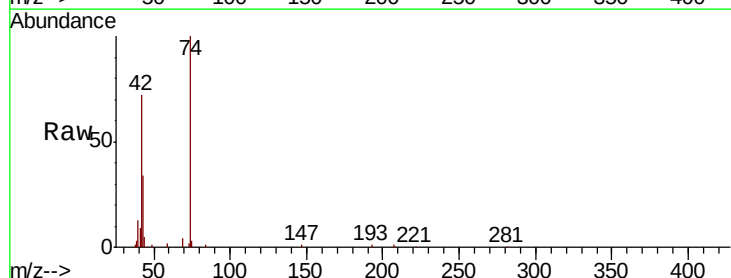
Tgt Ion: 42 Resp: 147230

Ion Ratio Lower Upper

42 100

74 139.8 102.4 153.6

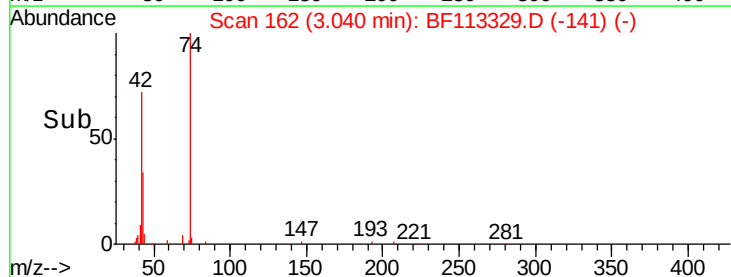
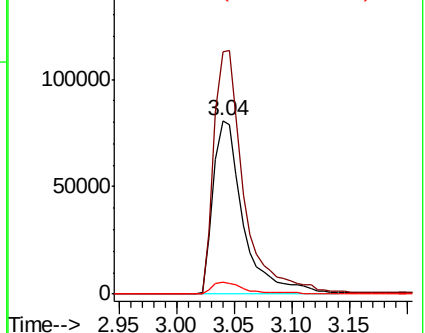
44 6.9 5.5 8.3

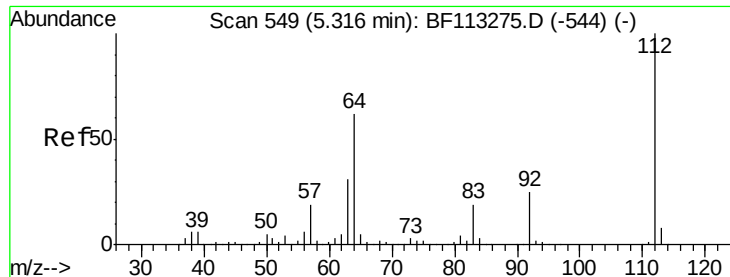


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.503 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113329.D

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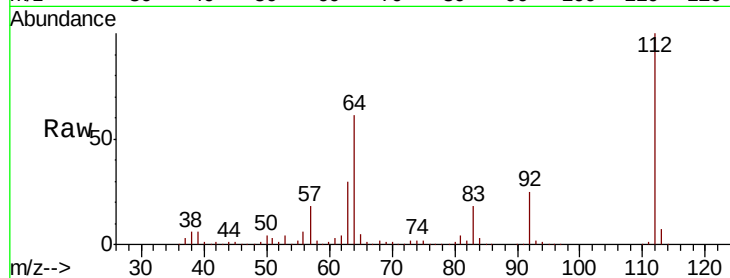
Tgt Ion:112 Resp: 852266

Ion Ratio Lower Upper

112 100

64 60.5 49.2 73.8

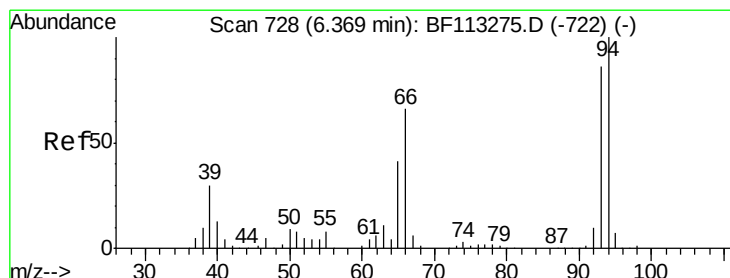
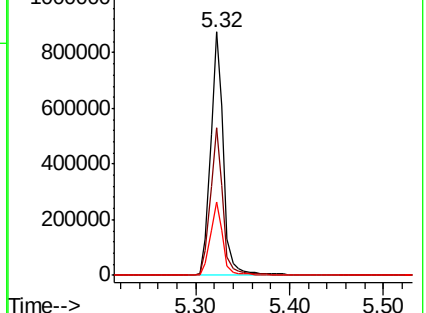
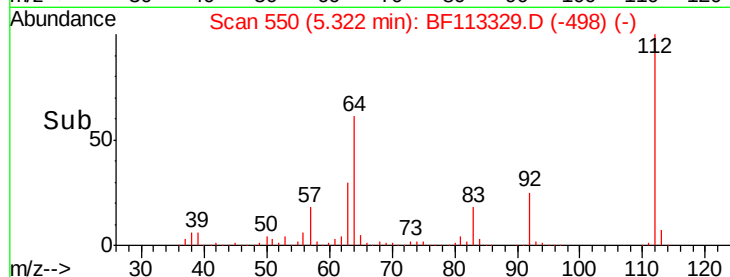
63 30.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.309 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

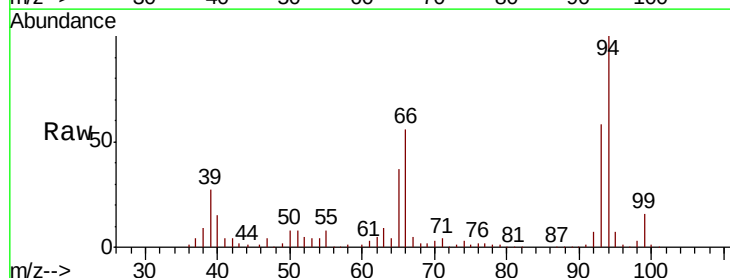
Tgt Ion: 93 Resp: 311050

Ion Ratio Lower Upper

93 100

66 96.5 62.1 93.1#

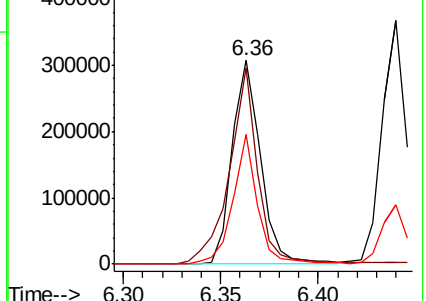
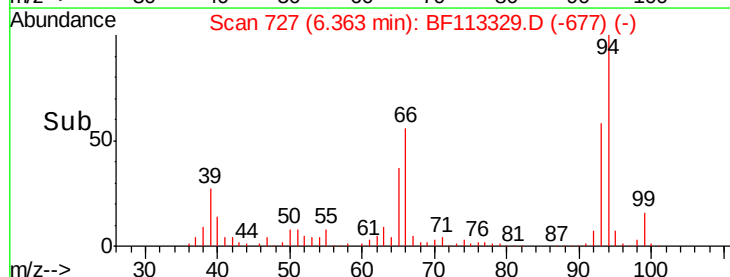
65 63.6 38.7 58.1#

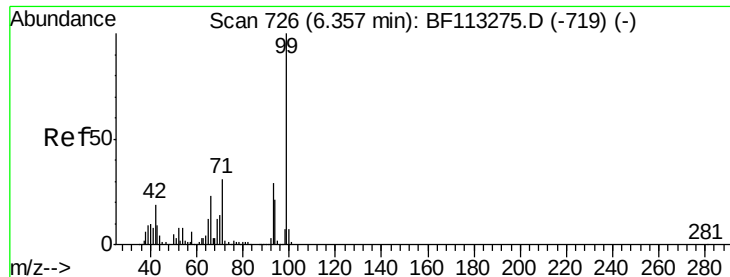


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.023 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113329.D

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BNA\_F

ClientSampleId :

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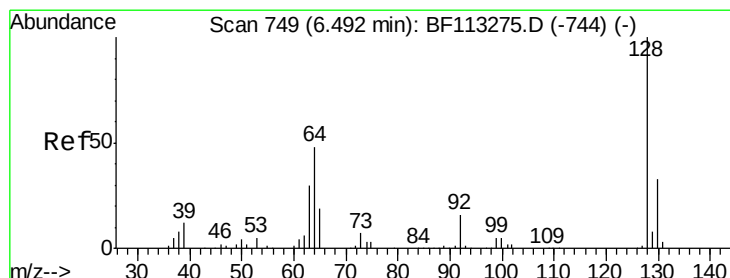
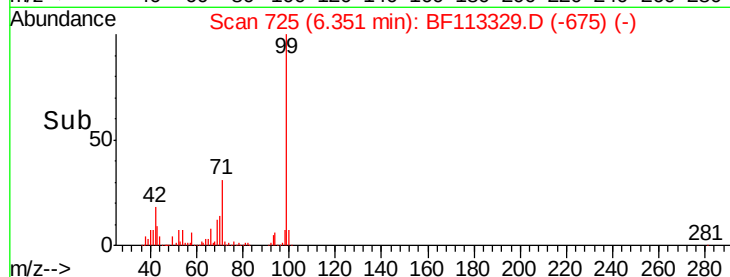
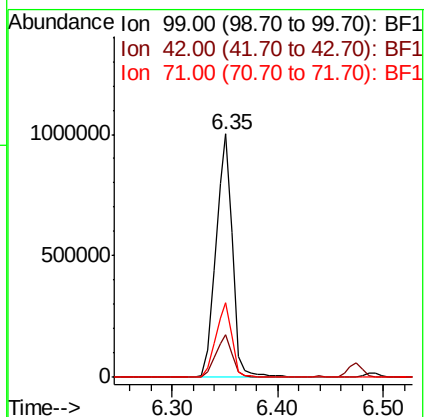
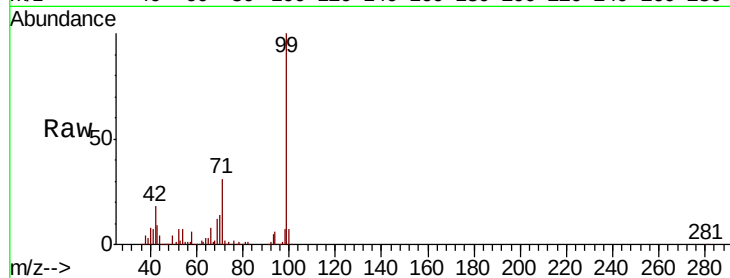
Tgt Ion: 99 Resp: 1111501

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

71 30.8 24.9 37.3



#8

2-Chlorophenol

Concen: 27.299 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

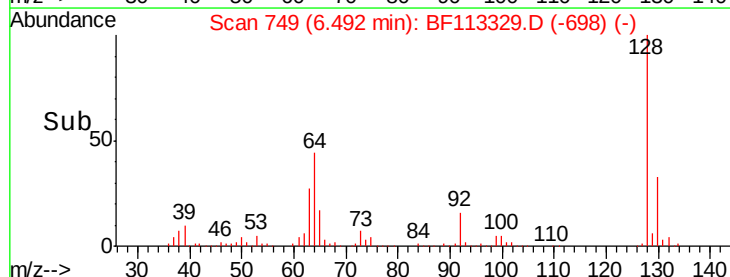
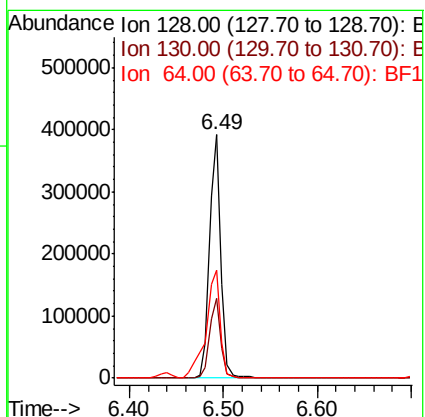
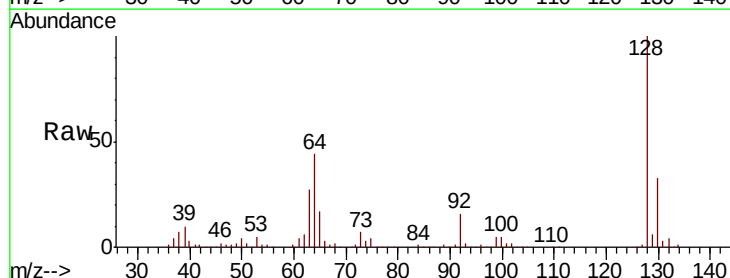
Tgt Ion: 128 Resp: 331494

Ion Ratio Lower Upper

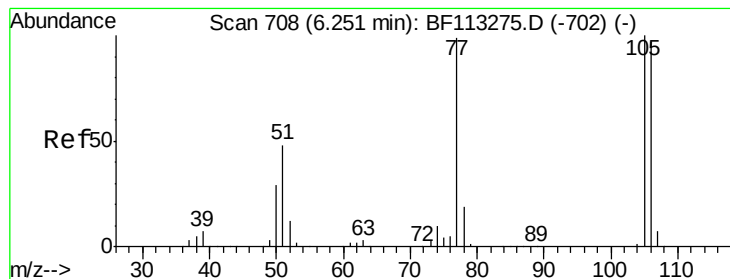
128 100

130 33.0 12.6 52.6

64 44.2 29.4 69.4







#9

Benzaldehyde

Concen: 8.270 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

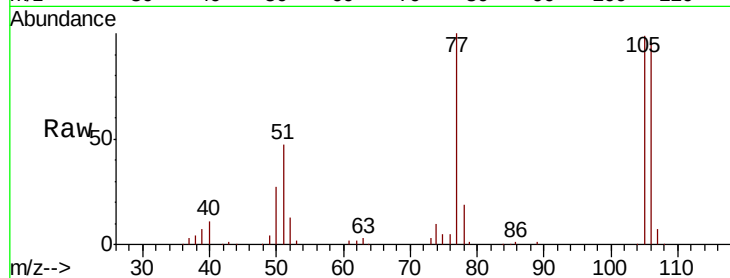
Tgt Ion: 77 Resp: 73413

Ion Ratio Lower Upper

77 100

105 98.7 80.9 120.9

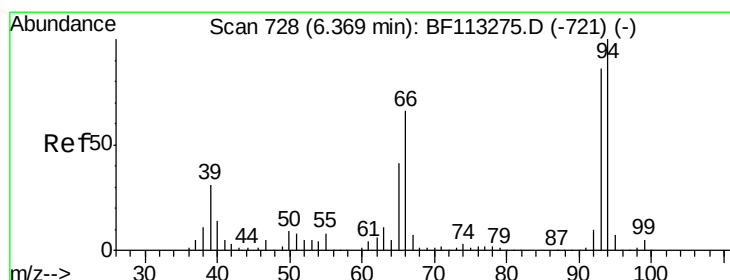
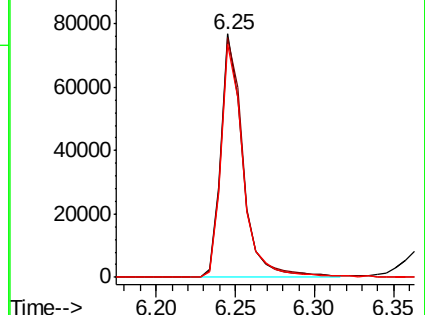
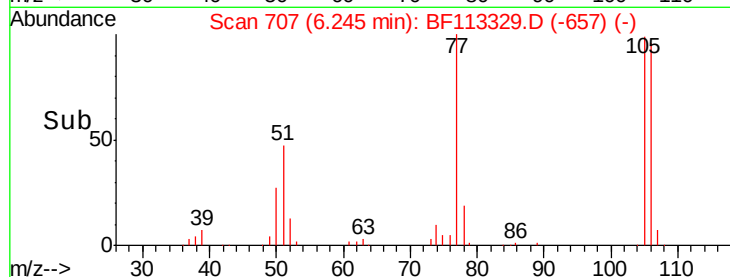
106 95.6 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 27.394 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

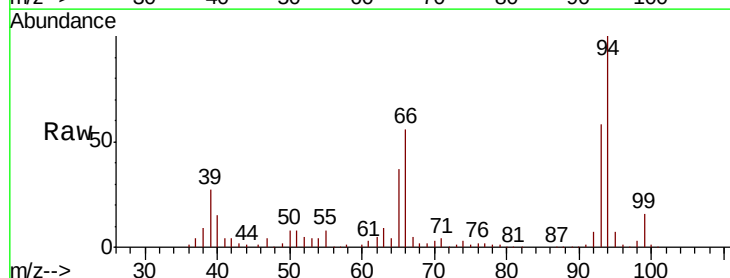
Tgt Ion: 94 Resp: 413717

Ion Ratio Lower Upper

94 100

65 36.6 21.4 61.4

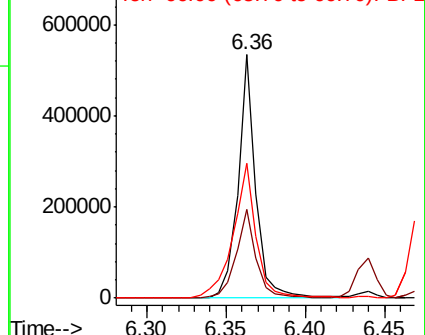
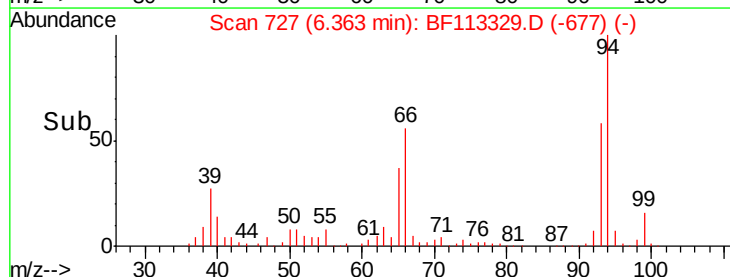
66 55.6 46.4 86.4



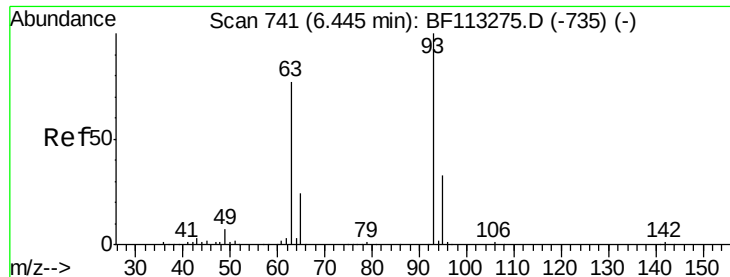
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



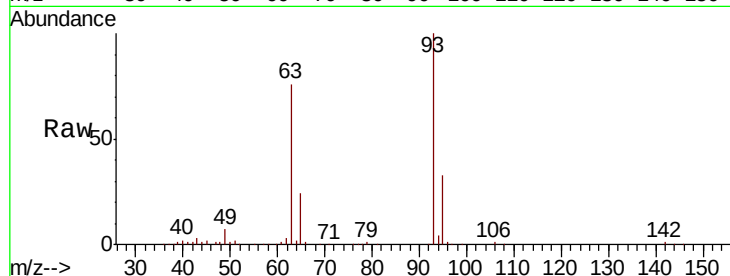




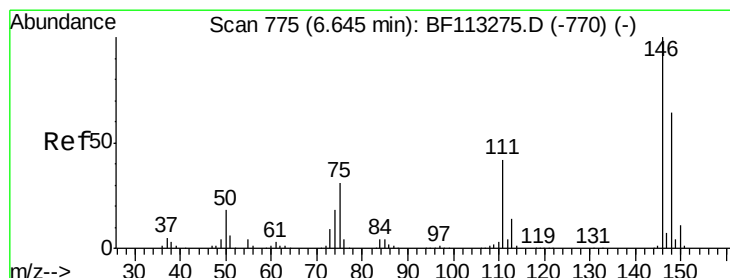
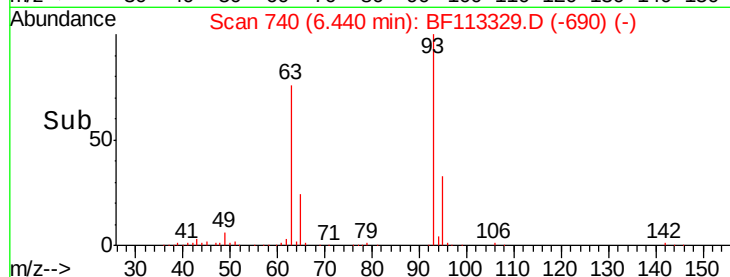
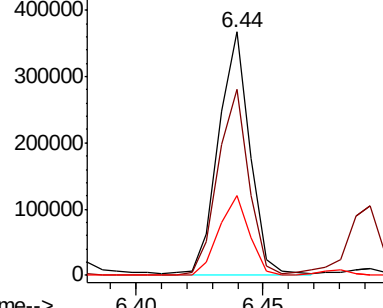
#11  
bis(2-Chloroethyl)ether  
Concen: 27.321 ng  
RT: 6.44 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion: 93 Resp: 316279  
Ion Ratio Lower Upper  
93 100  
63 76.4 56.1 96.1  
95 32.6 12.8 52.8

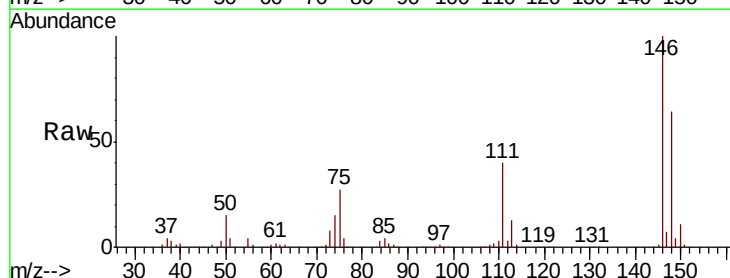


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

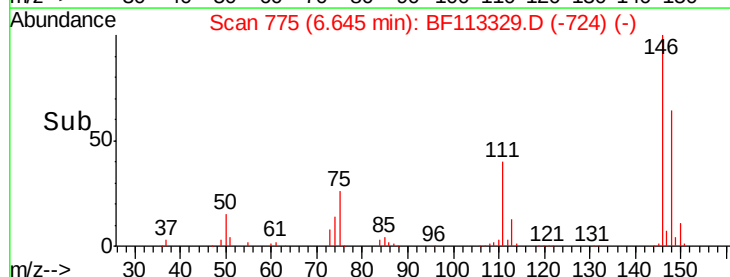
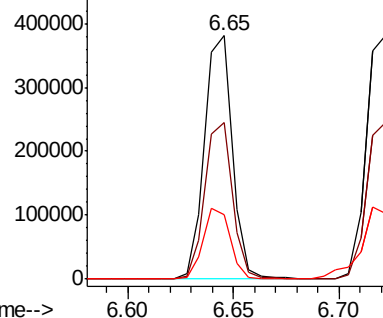


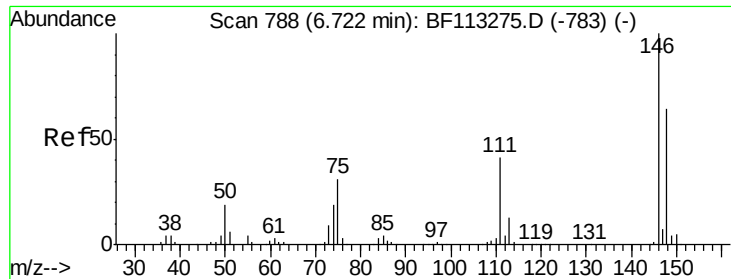
#12  
1,3-Dichlorobenzene  
Concen: 26.399 ng  
RT: 6.65 min Scan# 775  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion: 146 Resp: 345551  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.4 77.0  
75 26.6 24.8 37.2



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

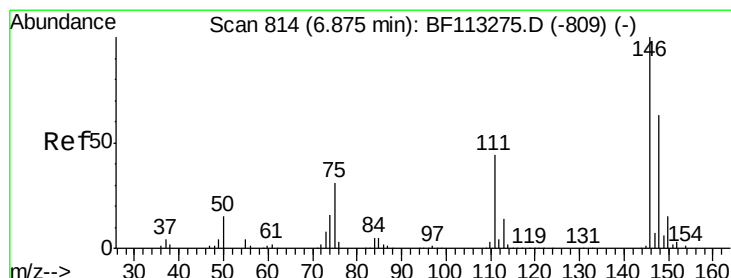
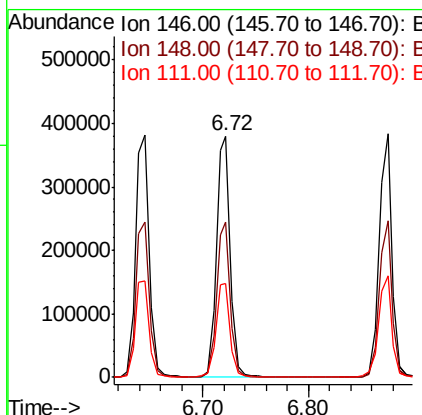
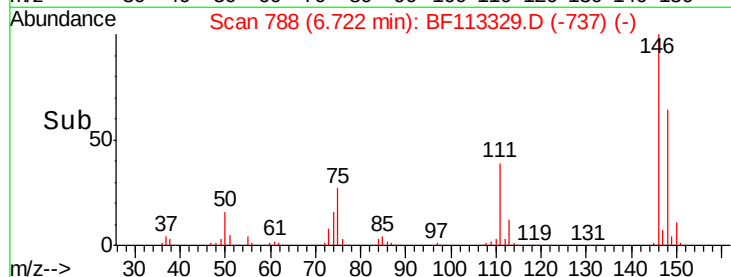
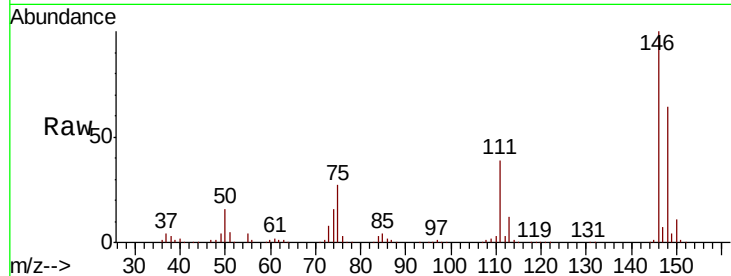




#13  
 1,4-Dichlorobenzene  
 Concen: 28.190 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

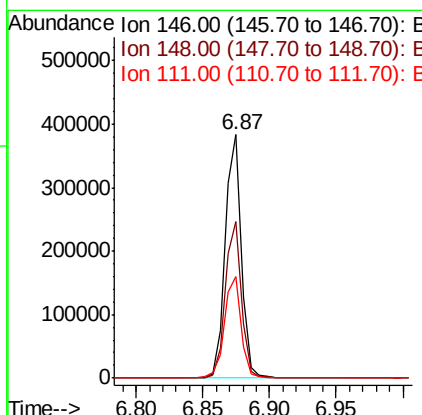
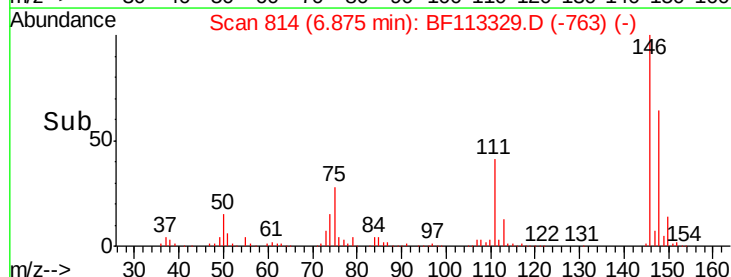
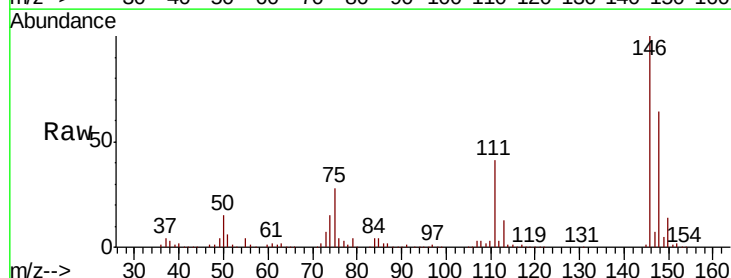
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

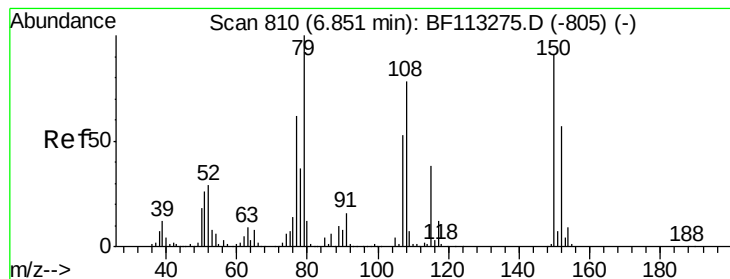
Tgt Ion:146 Resp: 356278  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 51.1 76.7  
 111 38.9 32.8 49.2



#14  
 1,2-Dichlorobenzene  
 Concen: 26.486 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. 0.00 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Tgt Ion:146 Resp: 329314  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 50.2 75.4  
 111 41.4 35.4 53.2





#15

Benzyl Alcohol

Concen: 29.671 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

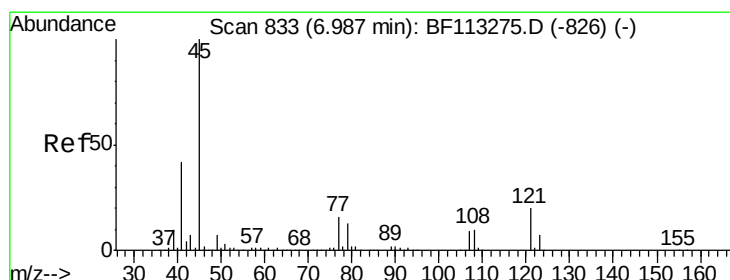
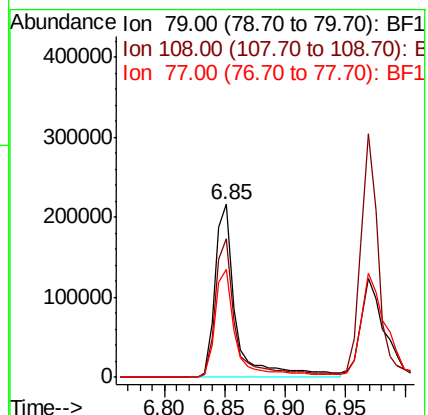
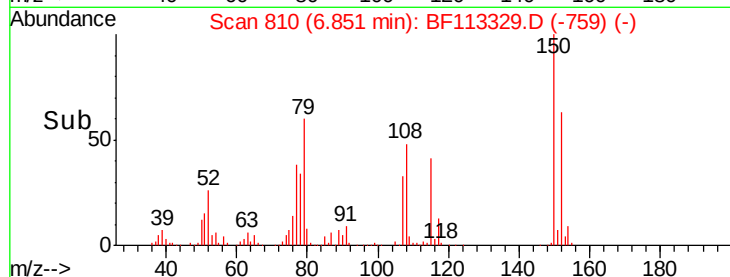
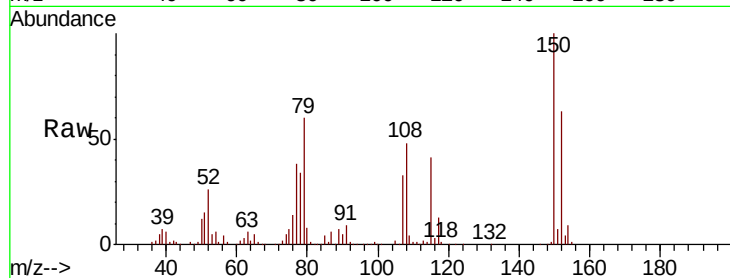
Tgt Ion: 79 Resp: 258943

Ion Ratio Lower Upper

79 100

108 80.2 62.0 93.0

77 62.6 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.060 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

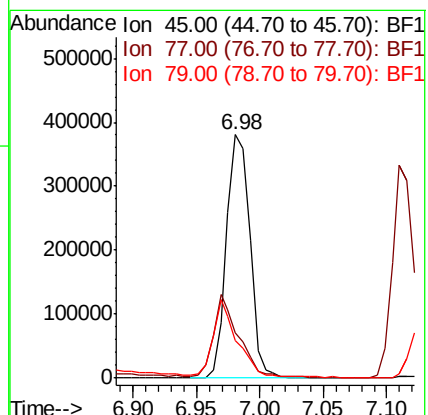
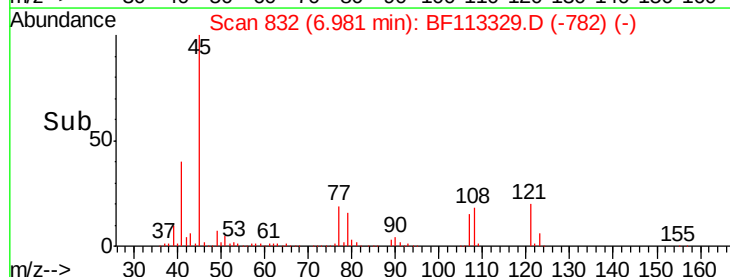
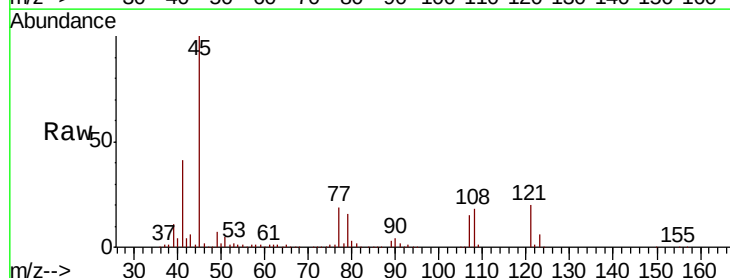
Tgt Ion: 45 Resp: 487984

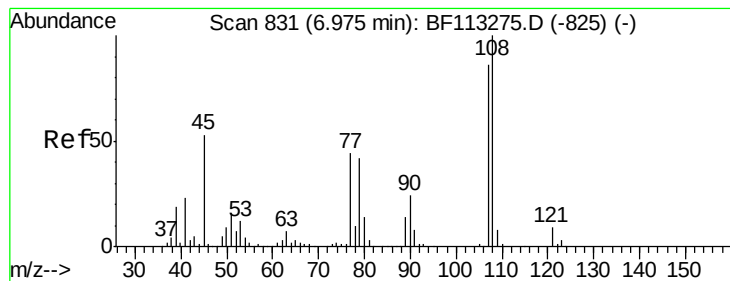
Ion Ratio Lower Upper

45 100

77 18.5 0.0 36.6

79 15.7 0.0 34.0

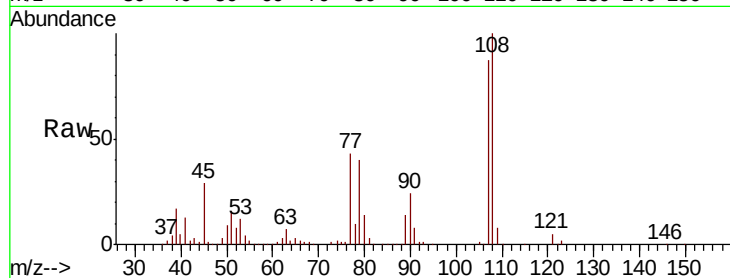




#17  
2-Methylphenol  
Concen: 28.861 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 274650 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.6 | 93.4  | 140.0  |
| 77       | 49.1  | 41.2  | 61.8   |
| 79       | 46.4  | 40.1  | 60.1   |



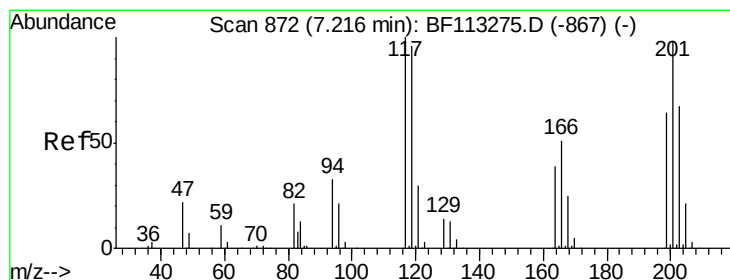
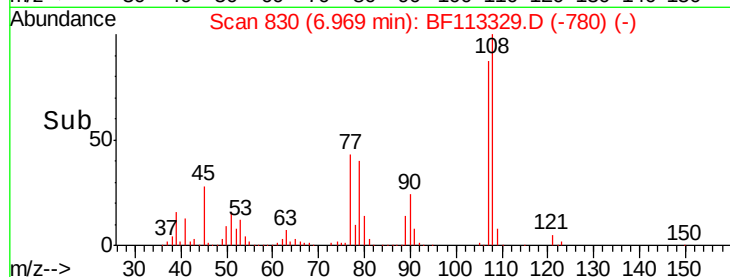
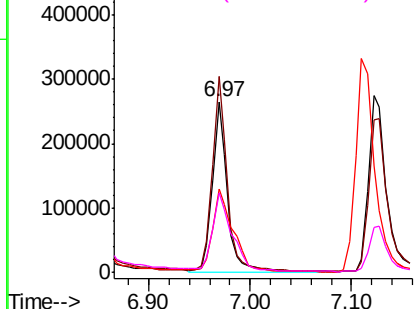
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

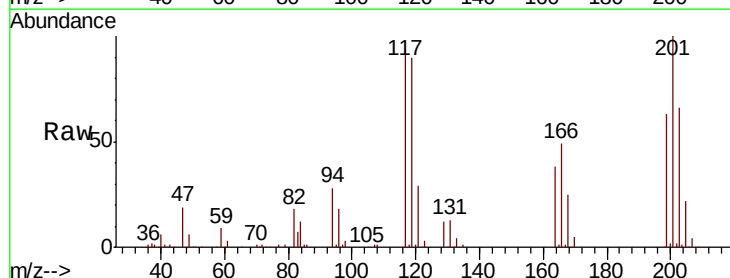
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 27.221 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 123567 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 76.9  | 115.3  |
| 201      | 106.5 | 78.7  | 118.1  |

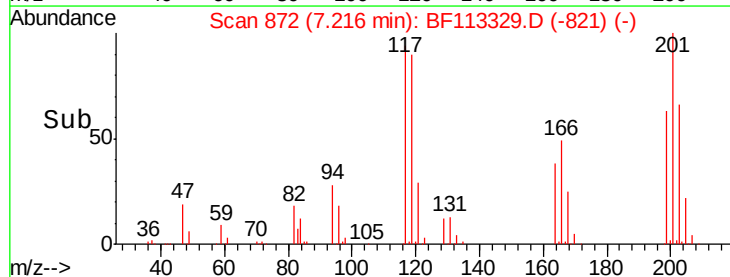
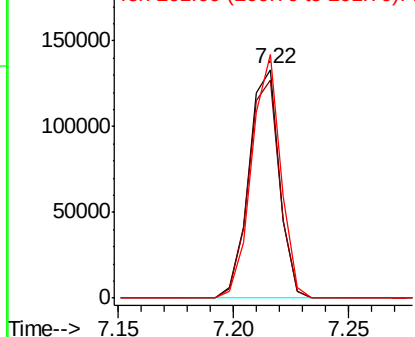


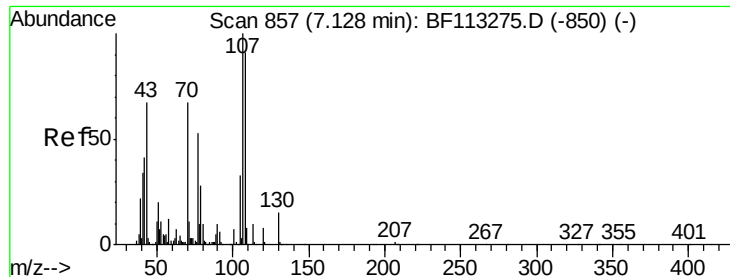
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

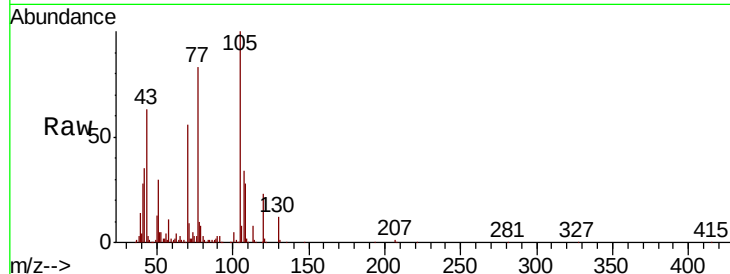




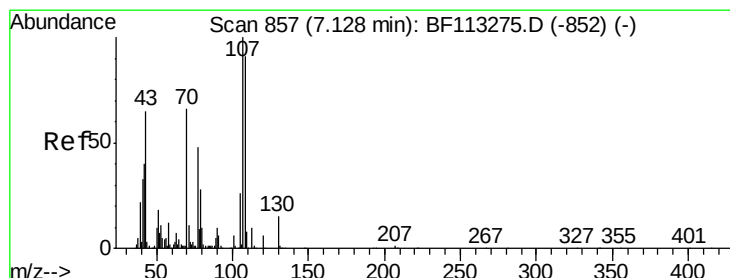
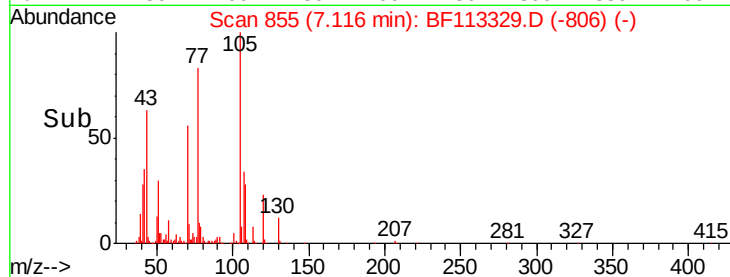
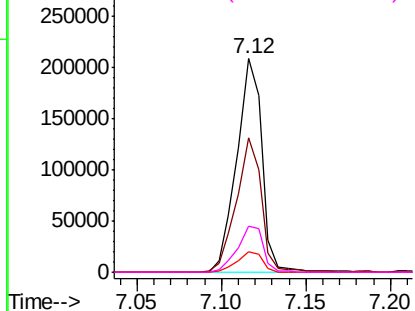
#19  
n-Nitroso-di-n-propylamine  
Concen: 26.110 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion: 70 Resp: 216957  
Ion Ratio Lower Upper  
70 100  
42 63.0 48.4 72.6  
101 9.5 7.8 11.8  
130 21.9 18.2 27.4



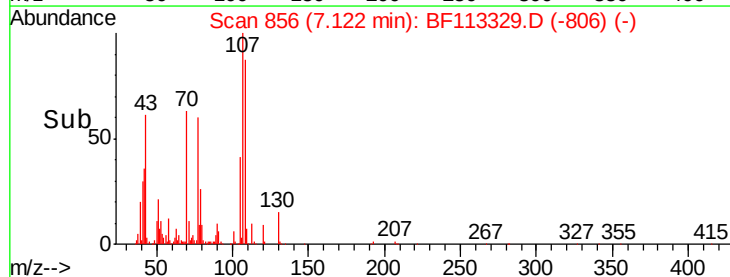
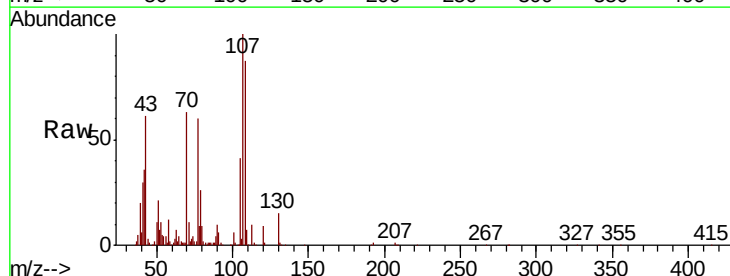
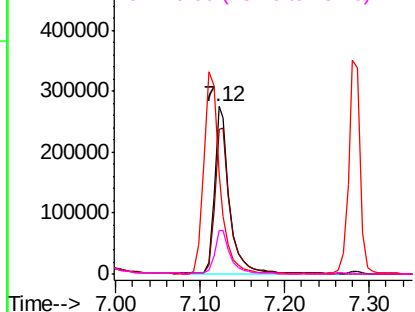
Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

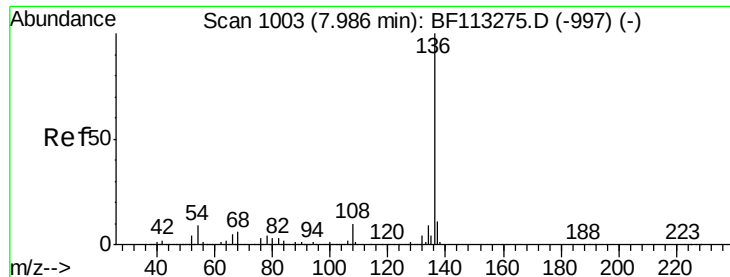


#20  
3+4-Methylphenols  
Concen: 28.494 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion: 107 Resp: 341478  
Ion Ratio Lower Upper  
107 100  
108 86.5 71.4 111.4  
77 59.9 33.5 73.5  
79 25.7 8.3 48.3

Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

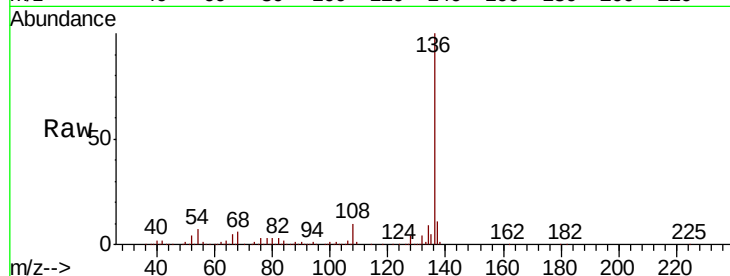




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 646670 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.9   | 13.3   |
| 54       | 7.5   | 7.0   | 10.6   |
| 68       | 5.9   | 4.8   | 7.2    |



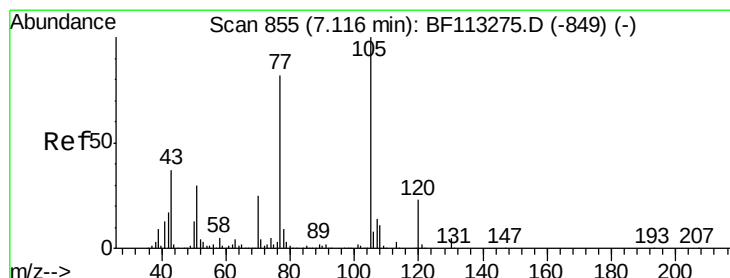
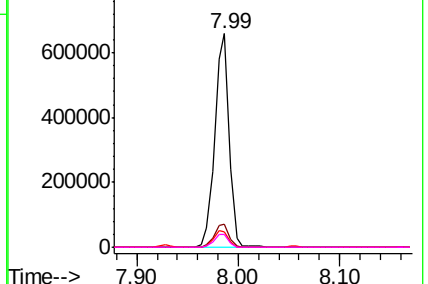
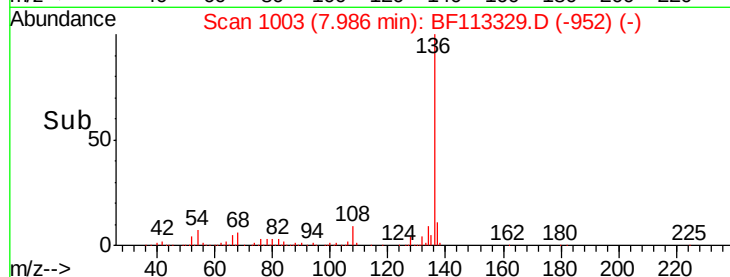
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

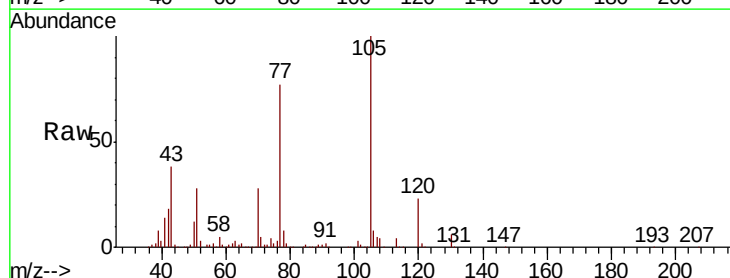
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 30.262 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 446292 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.1   | 3.3   | 4.9#   |
| 51       | 27.9  | 24.2  | 36.2   |
| 120      | 22.9  | 18.1  | 27.1   |



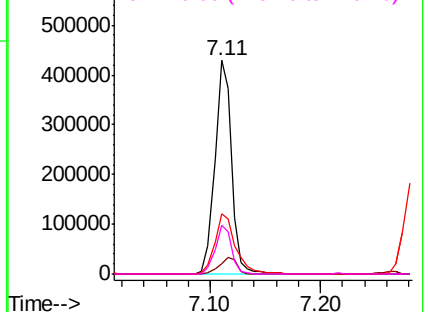
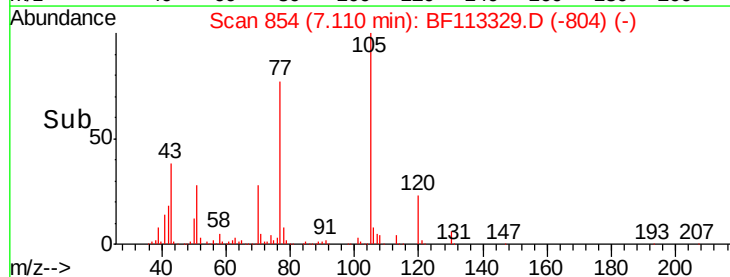
Abundance

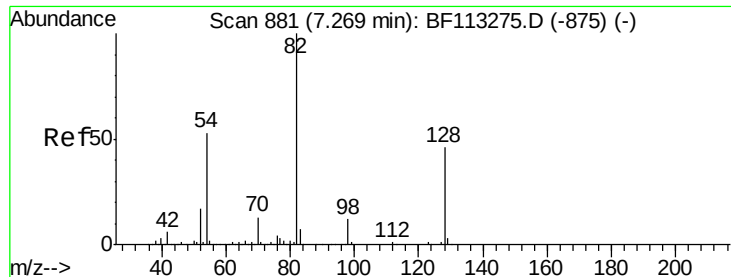
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

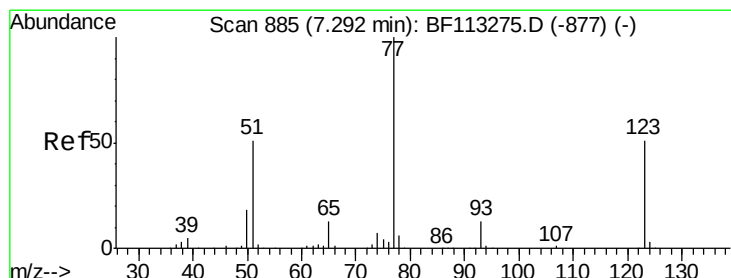
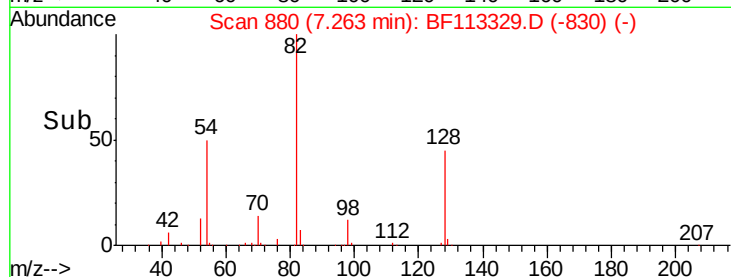
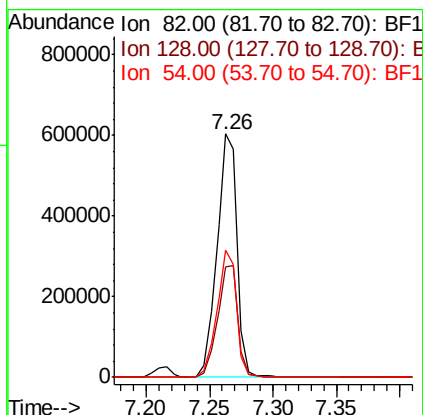
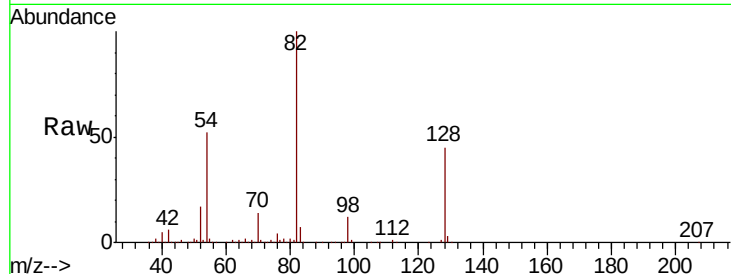




#23  
 Nitrobenzene-d5  
 Concen: 61.442 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

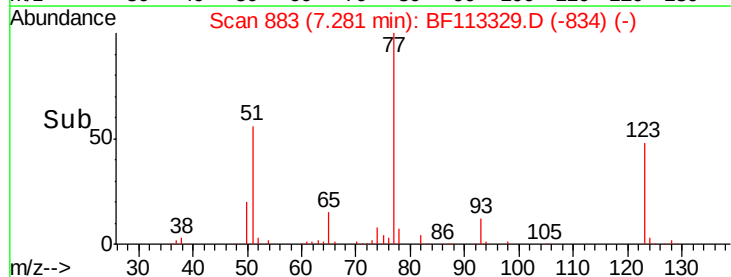
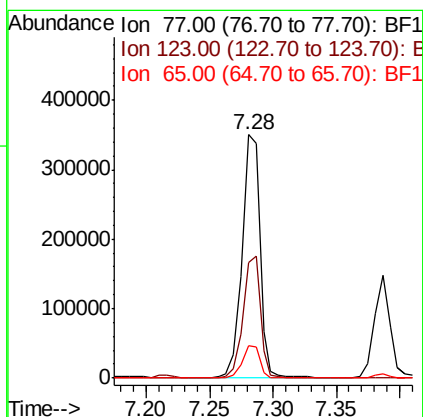
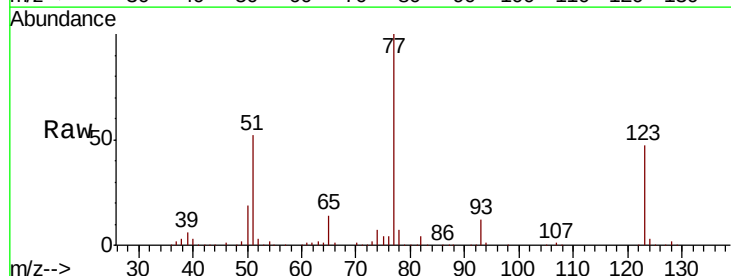
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

Tgt Ion: 82 Resp: 669420  
 Ion Ratio Lower Upper  
 82 100  
 128 45.1 36.5 54.7  
 54 52.4 42.2 63.2

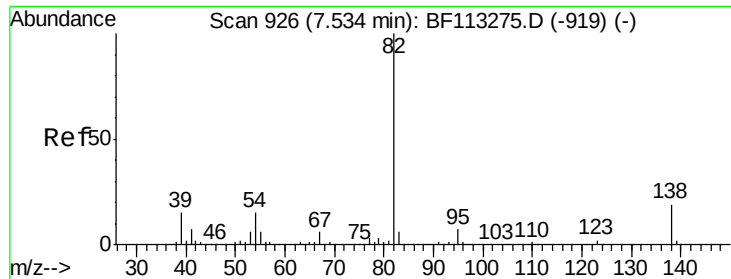


#24  
 Nitrobenzene  
 Concen: 29.879 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Tgt Ion: 77 Resp: 339703  
 Ion Ratio Lower Upper  
 77 100  
 123 47.4 40.8 61.2  
 65 13.5 10.6 16.0







#25

Isophorone

Concen: 28.979 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

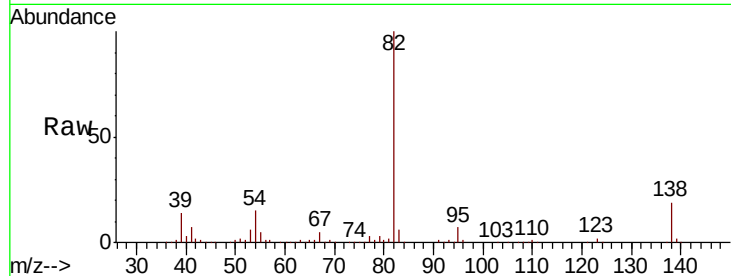
Tgt Ion: 82 Resp: 611871

Ion Ratio Lower Upper

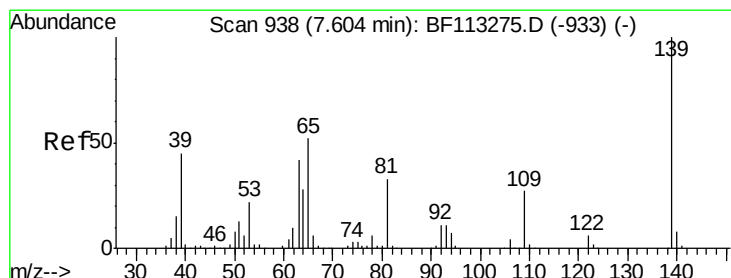
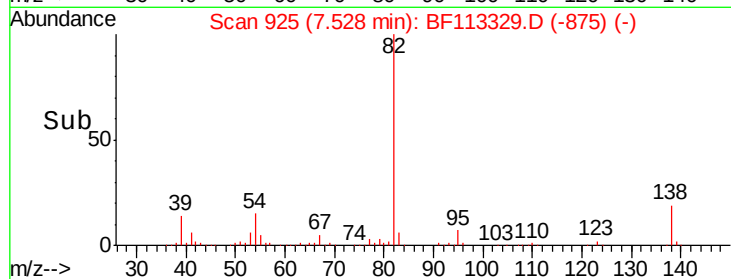
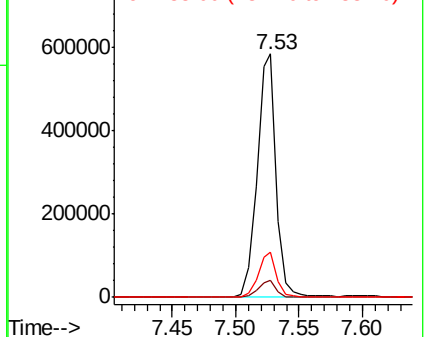
82 100

95 6.8 5.5 8.3

138 18.6 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 28.874 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

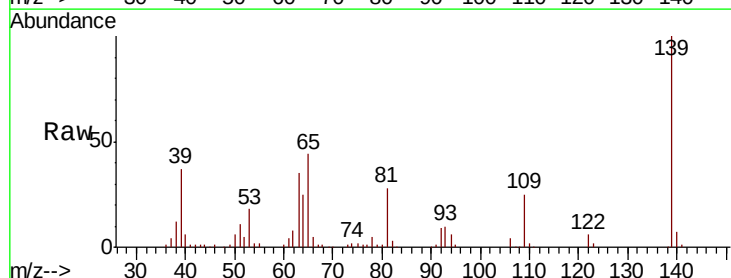
Tgt Ion: 139 Resp: 173521

Ion Ratio Lower Upper

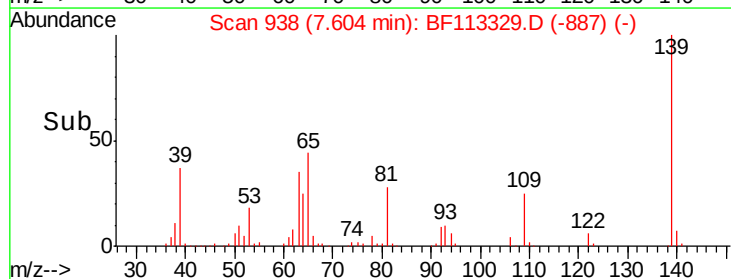
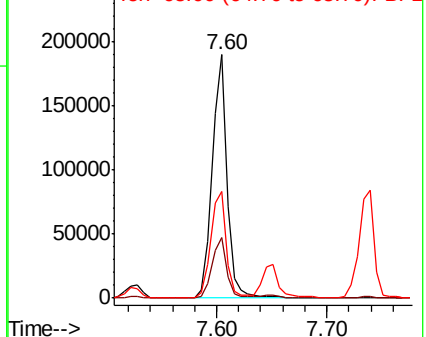
139 100

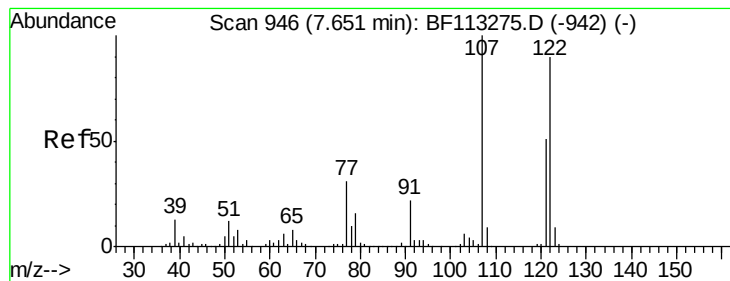
109 24.7 21.7 32.5

65 43.9 41.6 62.4



Abundance Ion 139.00 (138.70 to 139.70): BF1  
Ion 109.00 (108.70 to 109.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1

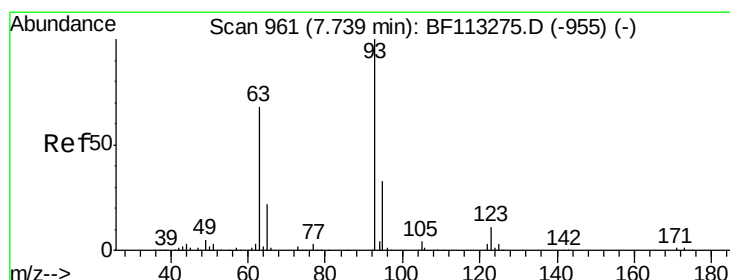
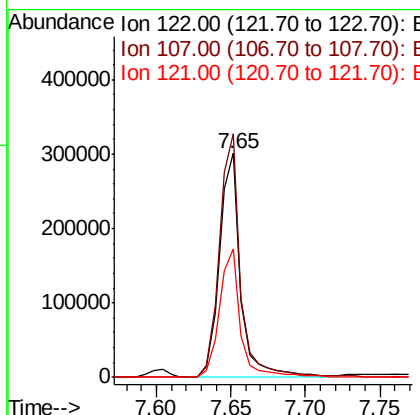
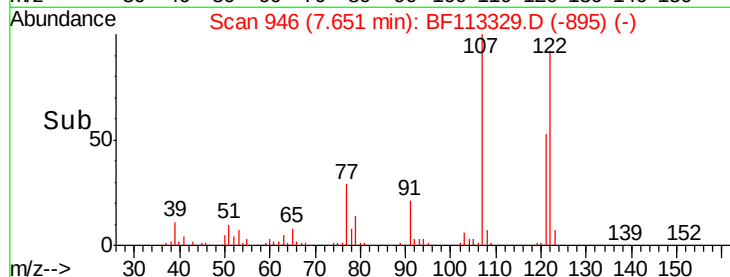
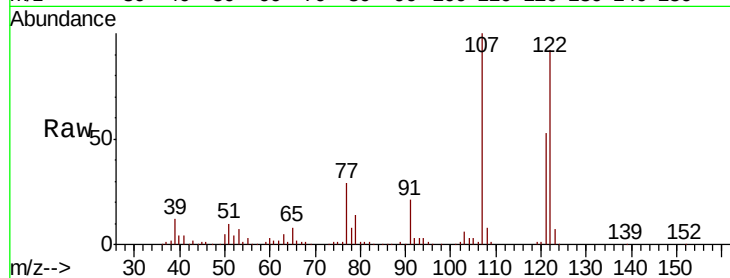




#27  
 2,4-Dimethylphenol  
 Concen: 34.673 ng  
 RT: 7.65 min Scan# 946  
 Delta R.T. 0.00 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

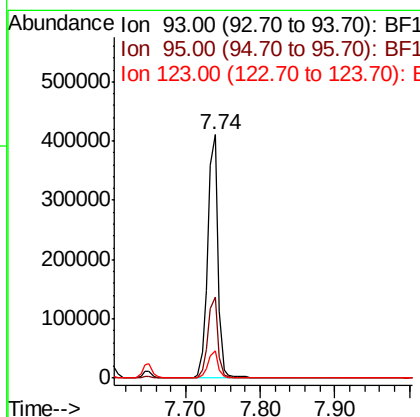
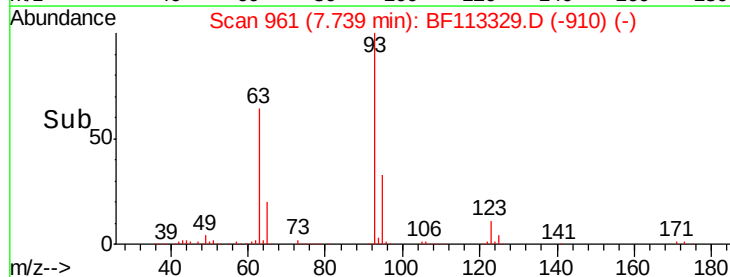
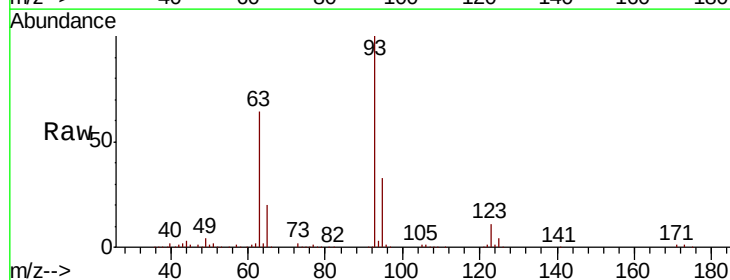
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

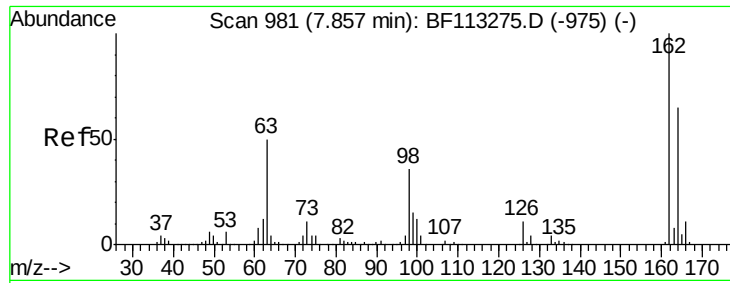
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.5 | 88.8  | 133.2 |
| 121     | 57.1  | 45.5  | 68.3  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 29.728 ng  
 RT: 7.74 min Scan# 961  
 Delta R.T. 0.00 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 26.0  | 39.0  |
| 123     | 11.4  | 9.1   | 13.7  |

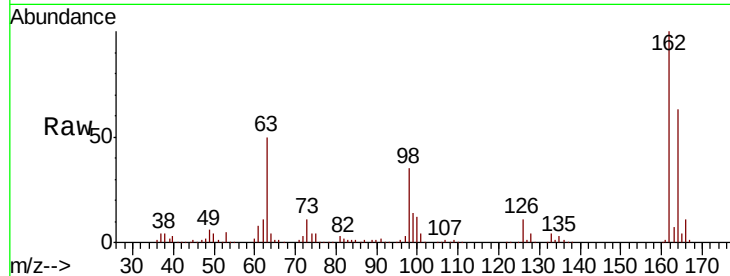




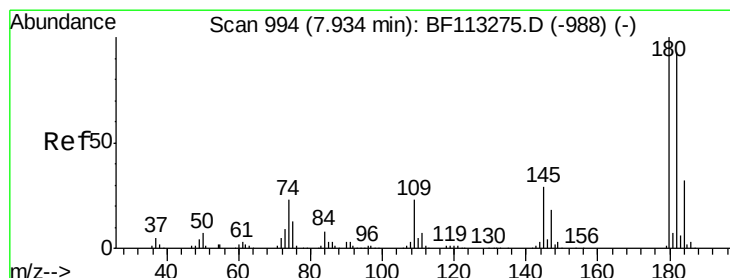
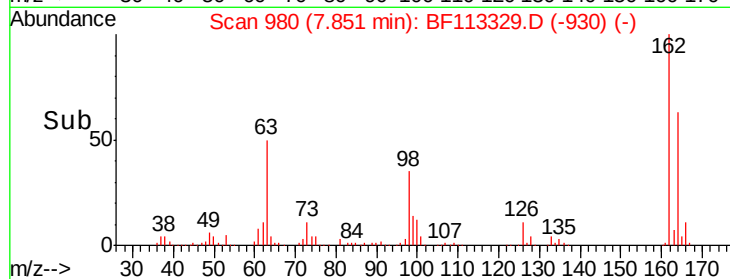
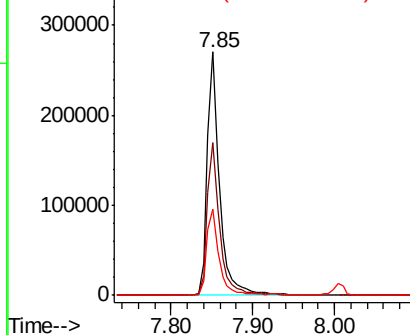
#29  
2,4-Dichlorophenol  
Concen: 30.215 ng  
RT: 7.85 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:162 Resp: 283053  
Ion Ratio Lower Upper  
162 100  
164 62.7 44.6 84.6  
98 35.4 15.6 55.6

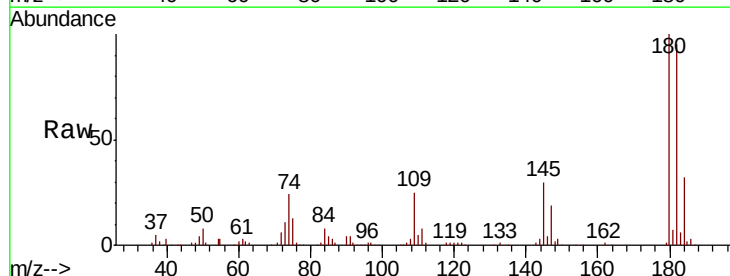


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

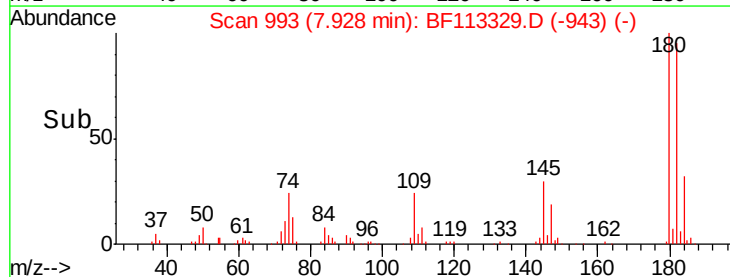
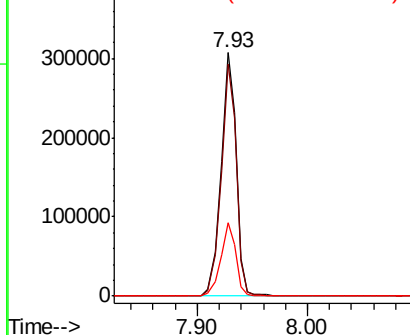


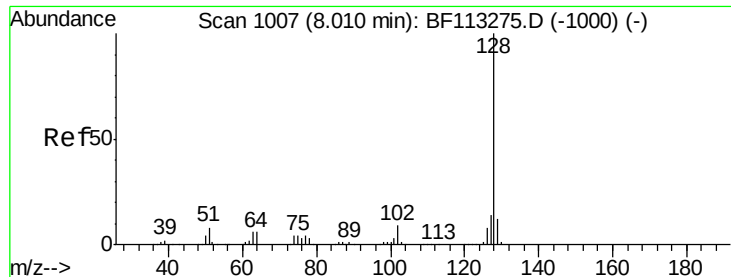
#30  
1,2,4-Trichlorobenzene  
Concen: 29.207 ng  
RT: 7.93 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:180 Resp: 295194  
Ion Ratio Lower Upper  
180 100  
182 95.1 74.6 111.8  
145 30.1 23.4 35.0



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

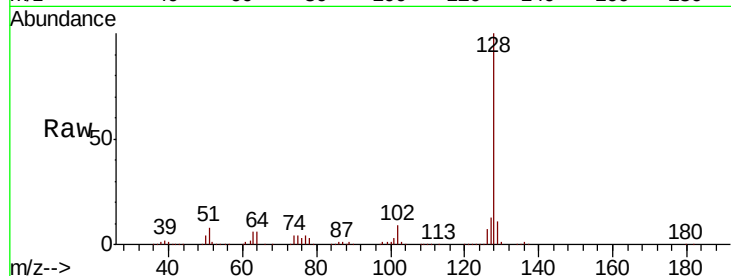




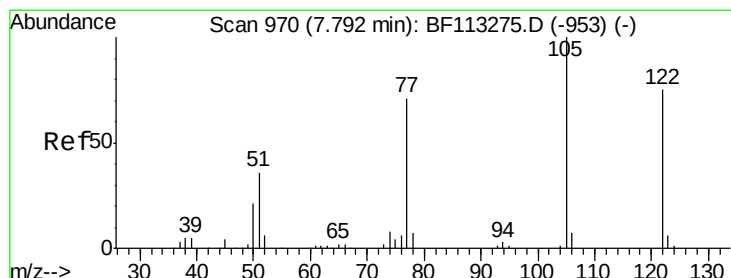
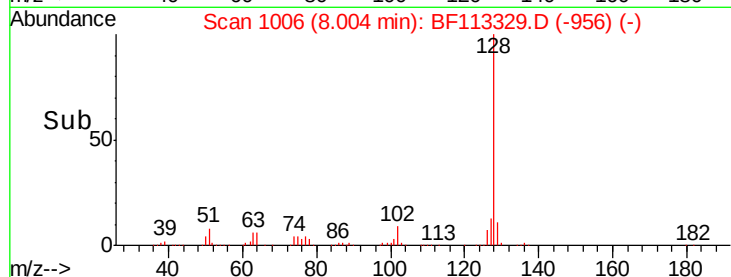
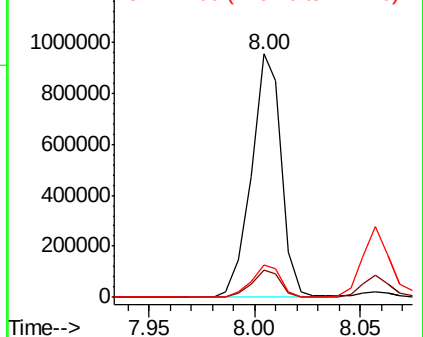
#31  
Naphthalene  
Concen: 29.790 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:128 Resp: 941410  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.3 13.9  
127 13.2 10.9 16.3

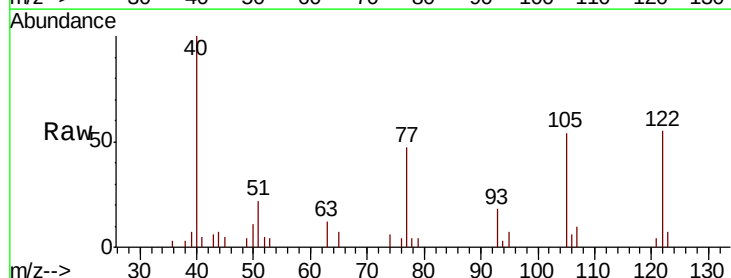


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

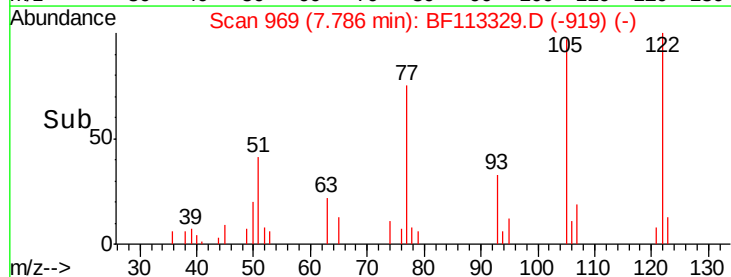
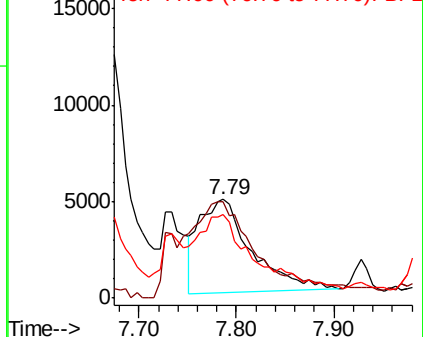


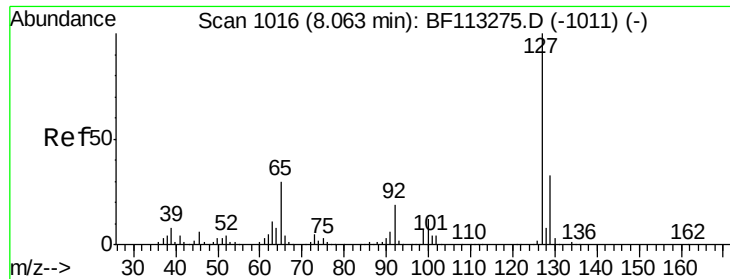
#32  
Benzoic acid  
Concen: 2.568 ng  
RT: 7.79 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:122 Resp: 17868  
Ion Ratio Lower Upper  
122 100  
105 97.5 100.4 140.4#  
77 85.2 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

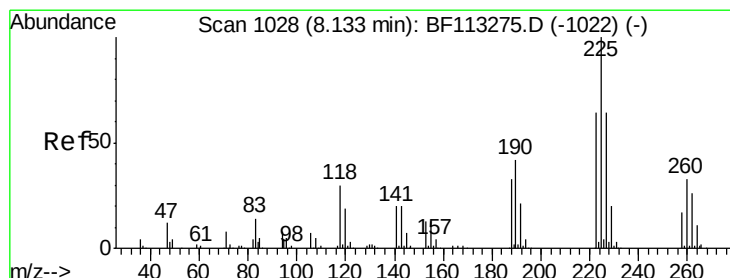
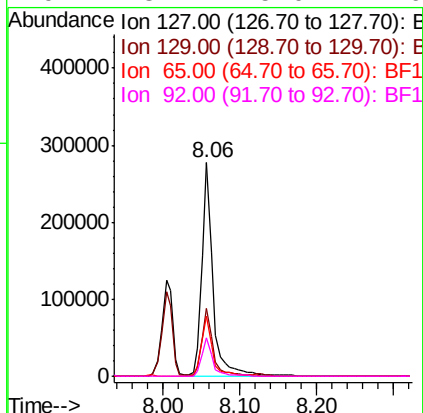
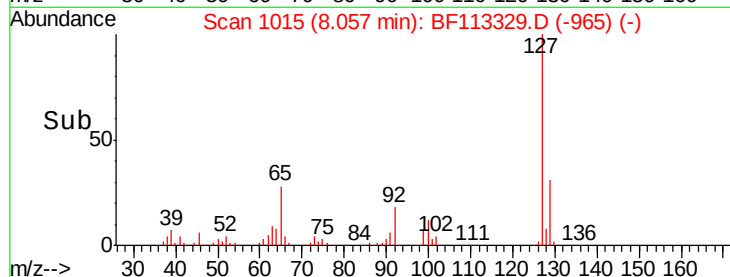
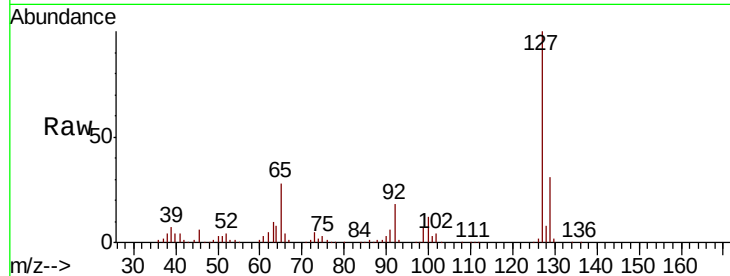




#33  
4-Chloroaniline  
Concen: 22.768 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

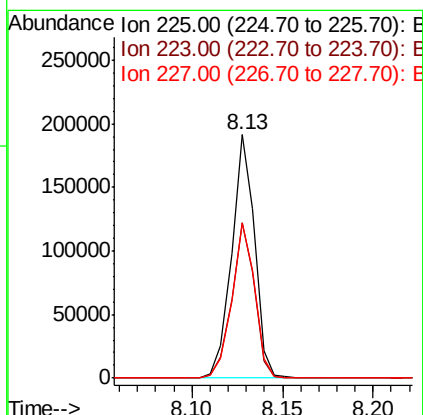
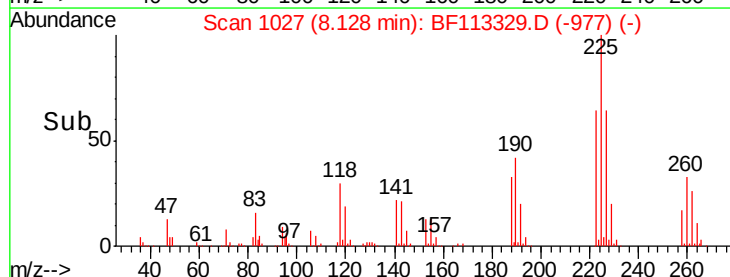
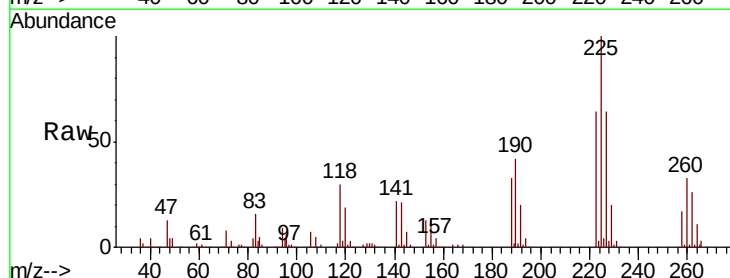
Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

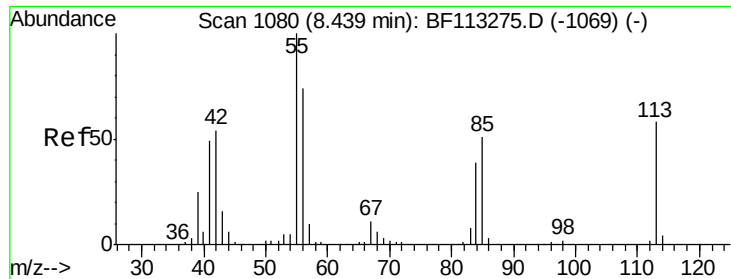
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 280564 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 26.3  | 39.5   |
| 65       | 28.5  | 24.2  | 36.4   |
| 92       | 18.2  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 28.061 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 168565 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 51.4  | 77.2   |
| 227      | 64.0  | 51.1  | 76.7   |

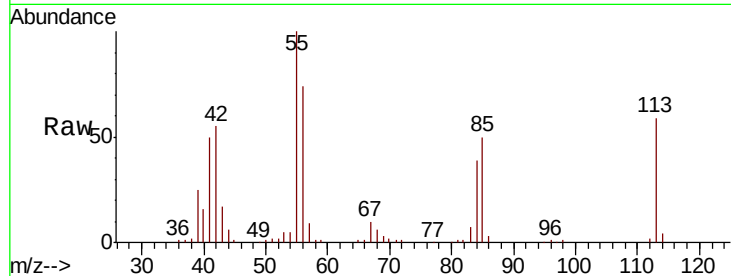




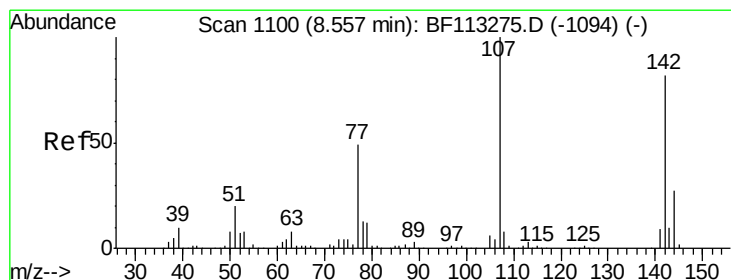
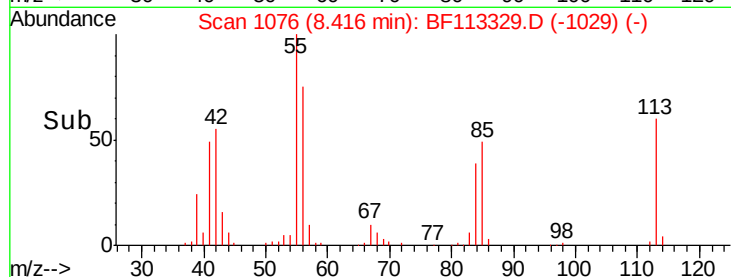
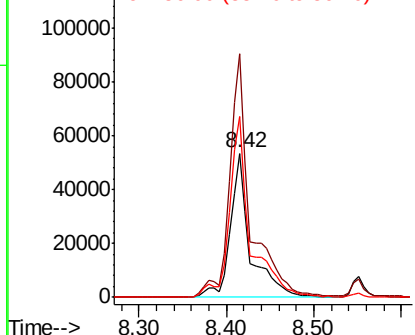
#35  
 Caprolactam  
 Concen: 27.946 ng  
 RT: 8.42 min Scan# 1076  
 Delta R.T. -0.02 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

Tgt Ion:113 Resp: 84023  
 Ion Ratio Lower Upper  
 113 100  
 55 168.7 152.7 192.7  
 56 125.2 108.3 148.3

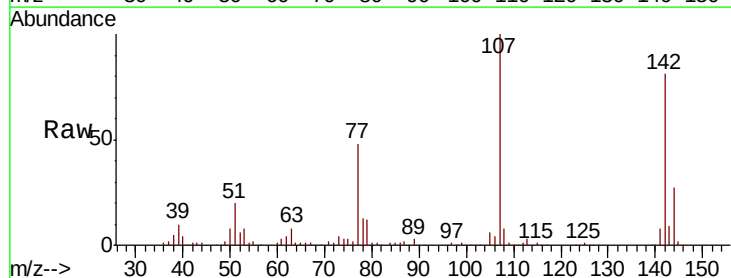


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

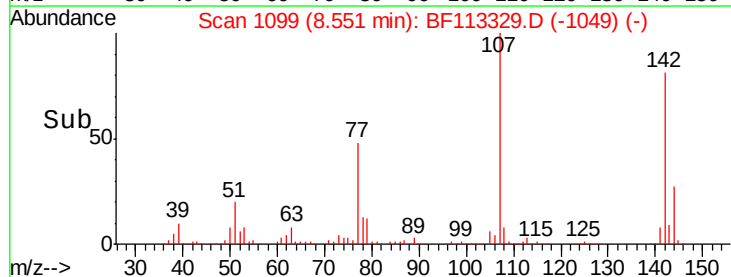
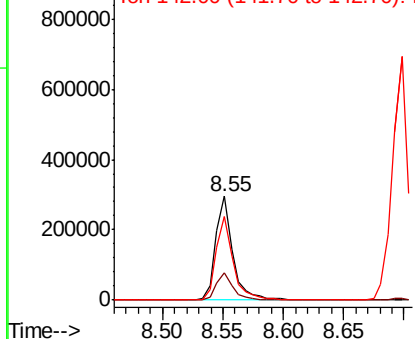


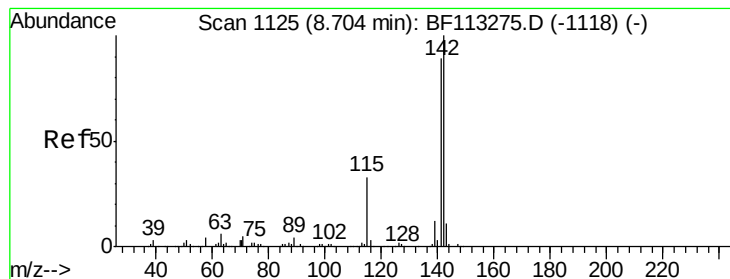
#36  
 4-Chloro-3-methylphenol  
 Concen: 30.598 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Tgt Ion:107 Resp: 288309  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 21.4 32.0  
 142 81.0 65.6 98.4



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





#37

2-Methylnaphthalene

Concen: 31.941 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

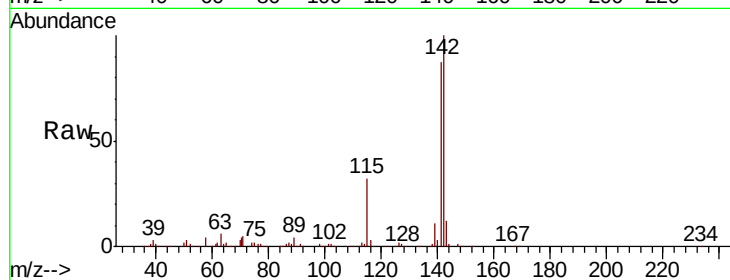
Tgt Ion:142 Resp: 629819

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6

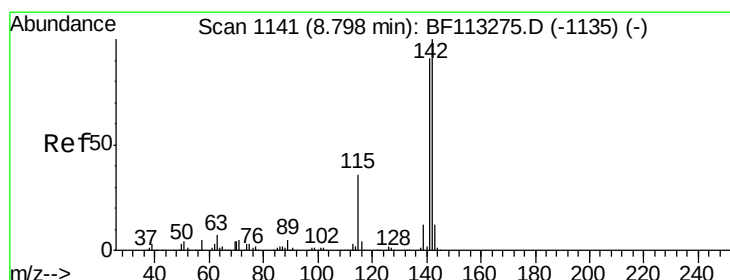
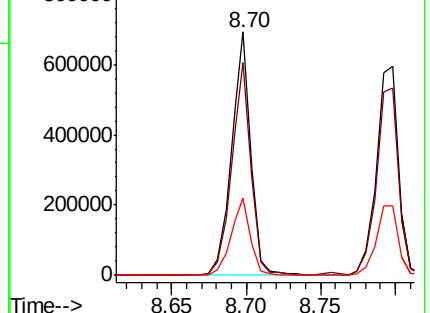
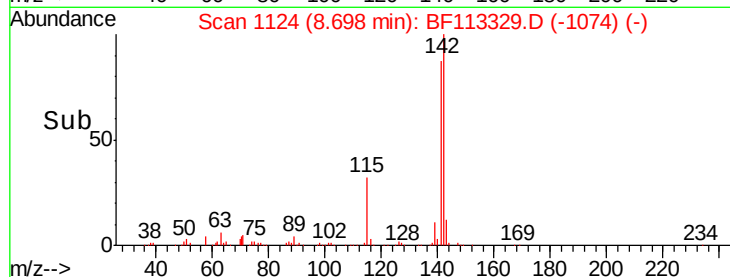
115 31.7 26.6 39.8



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: 31.425 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

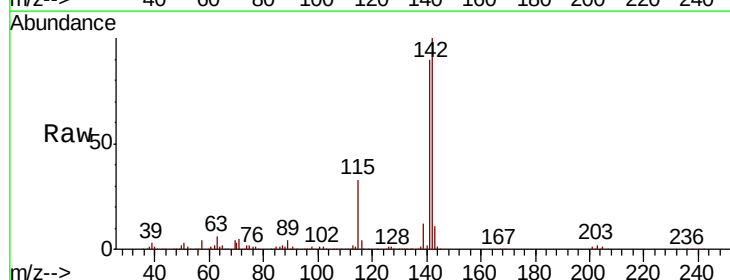
Tgt Ion:142 Resp: 596014

Ion Ratio Lower Upper

142 100

141 89.8 73.2 109.8

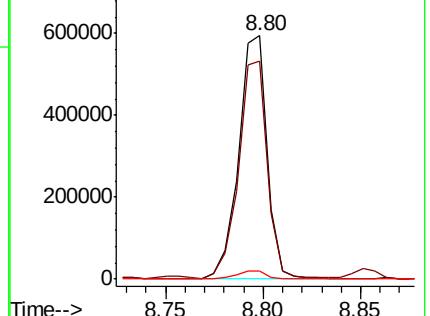
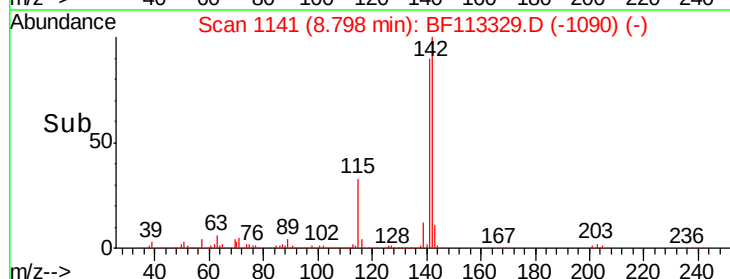
116 3.5 3.0 4.4

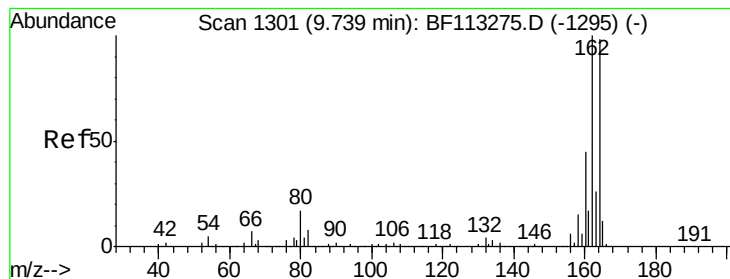


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

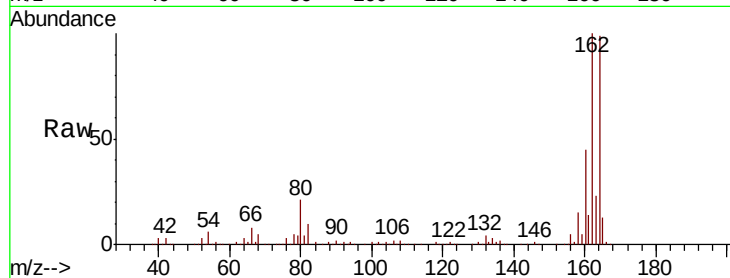
Tgt Ion:164 Resp: 310963

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

160 45.0 36.4 54.6

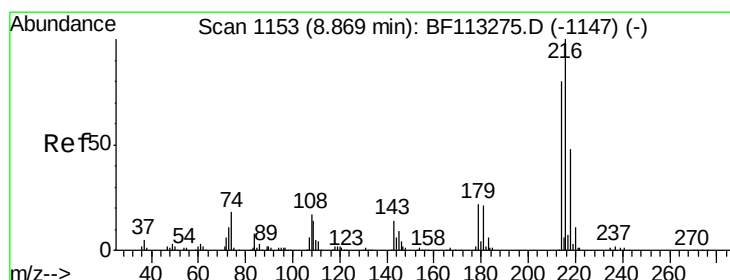
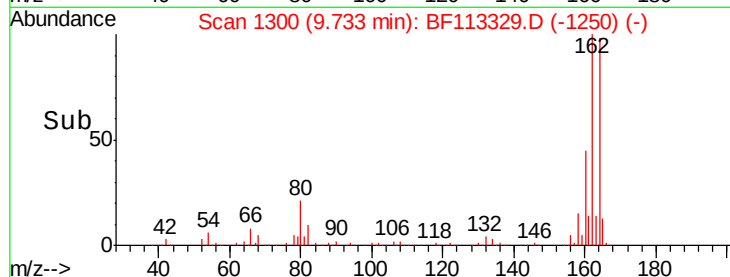
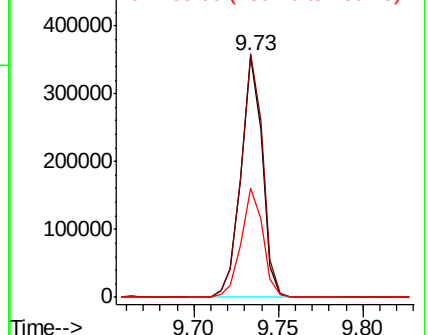


Abundance

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: 29.027 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Tgt Ion:216 Resp: 289738

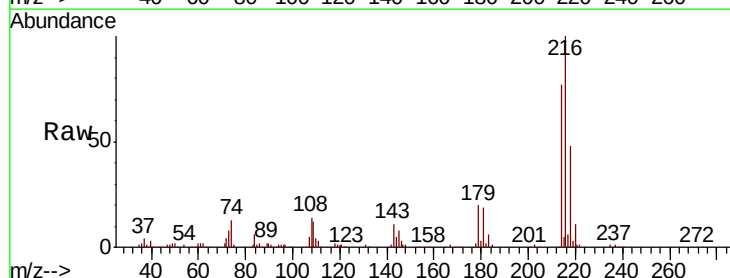
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.6

179 20.2 16.8 25.2

108 18.0 13.8 20.6



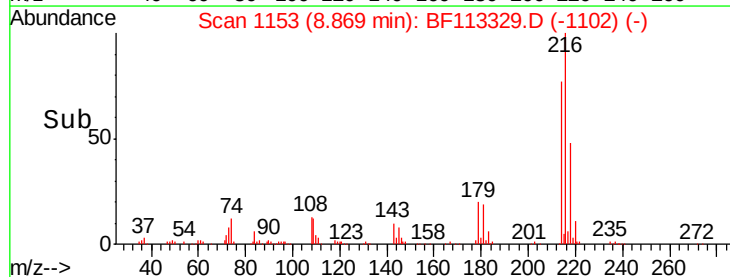
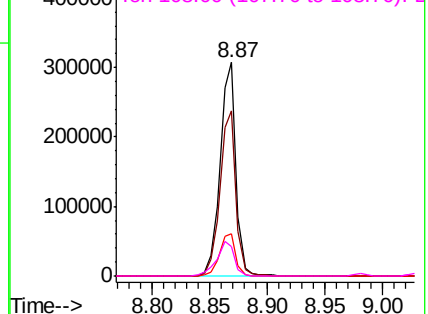
Abundance

Ion 216.00 (215.70 to 216.70): E

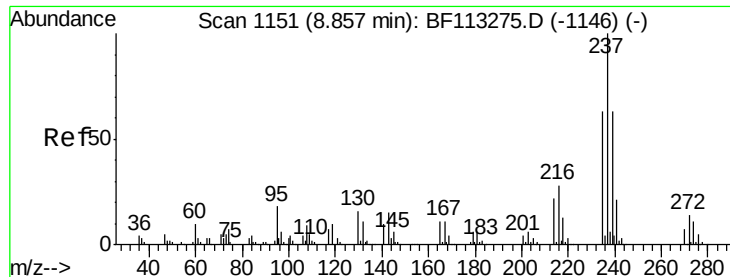
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 46.919 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

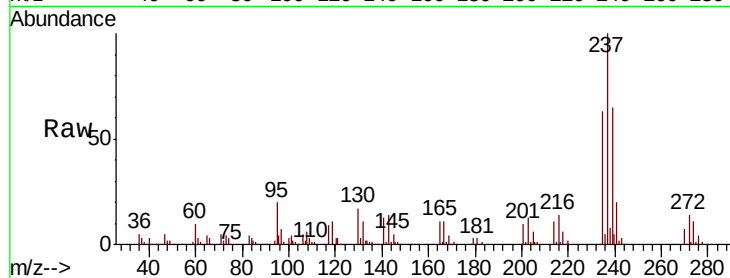
Tgt Ion: 237 Resp: 198236

Ion Ratio Lower Upper

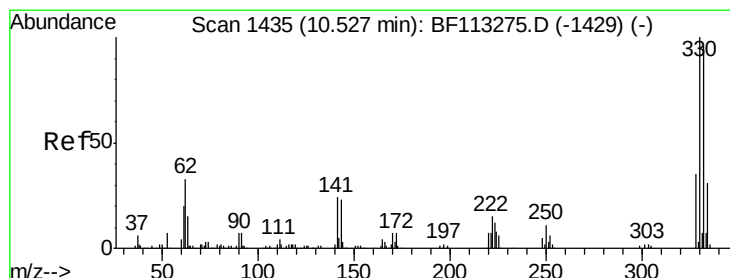
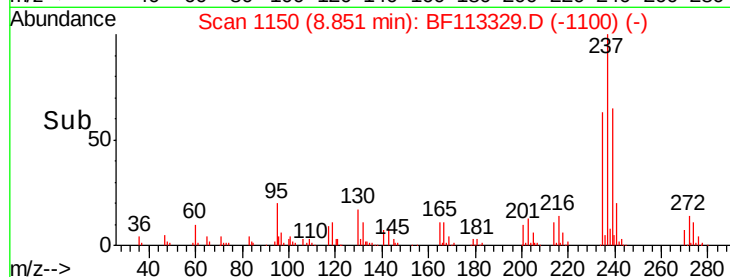
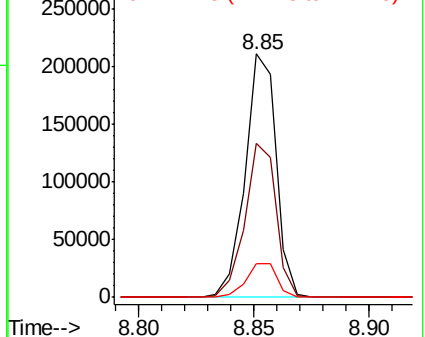
237 100

235 63.3 43.4 83.4

272 14.0 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 79.434 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

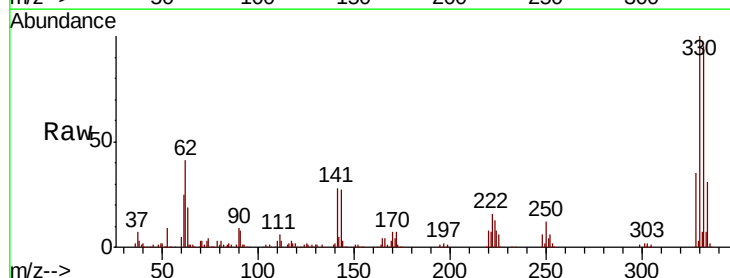
Tgt Ion: 330 Resp: 305113

Ion Ratio Lower Upper

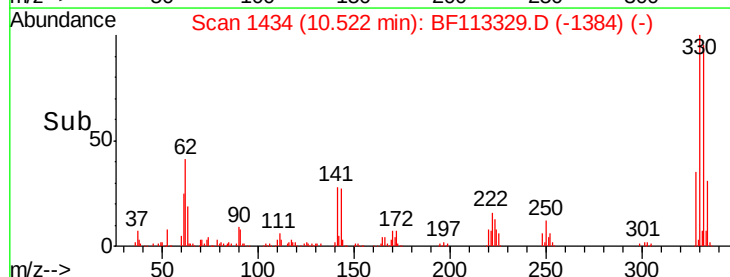
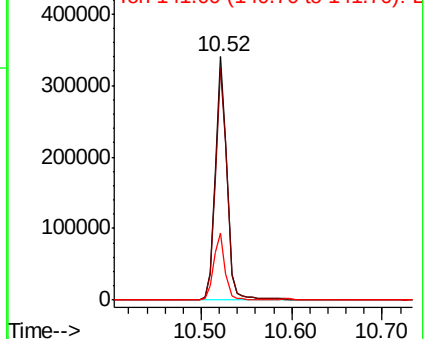
330 100

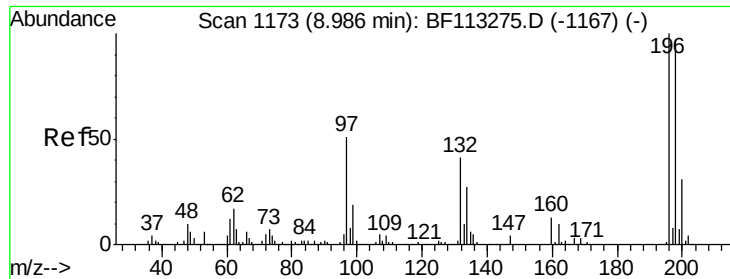
332 96.3 77.8 116.6

141 27.0 22.7 34.1



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

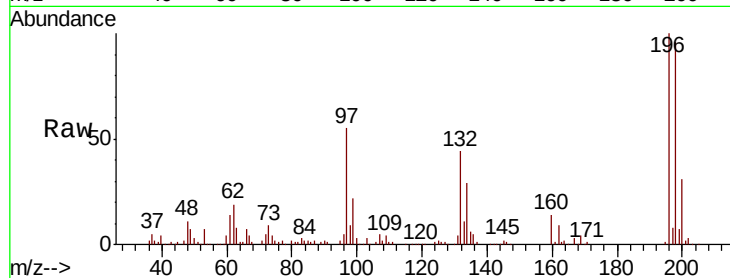




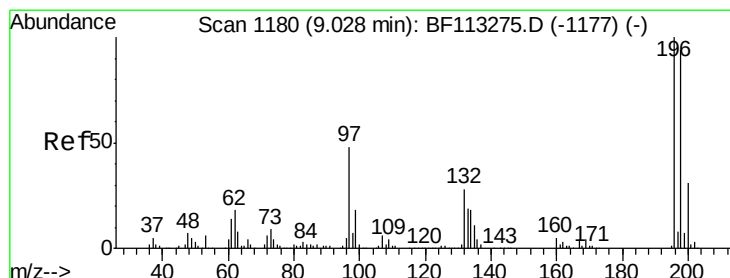
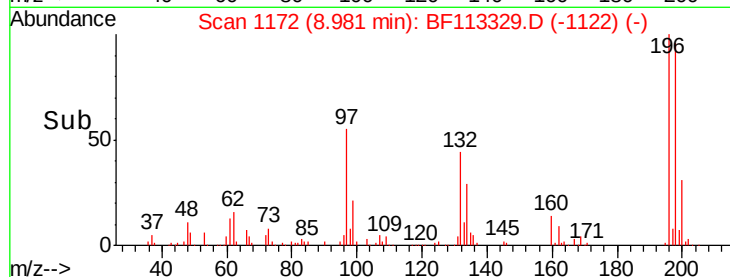
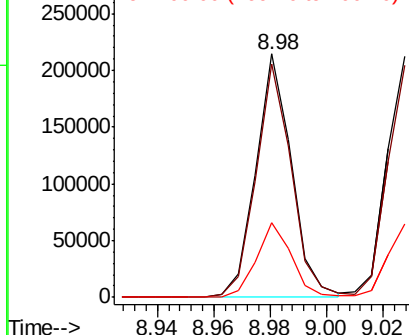
#43  
 2,4,6-Trichlorophenol  
 Concen: 28.872 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

Tgt Ion:196 Resp: 187672  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 77.7 116.5  
 200 30.9 24.9 37.3

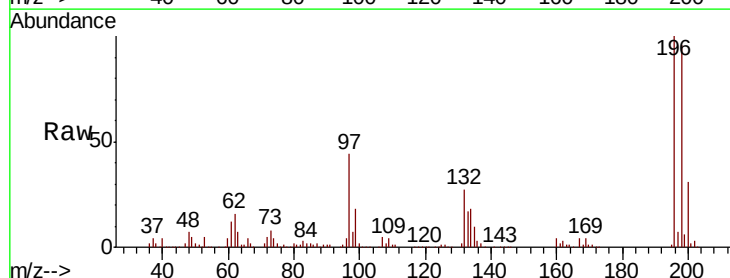


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

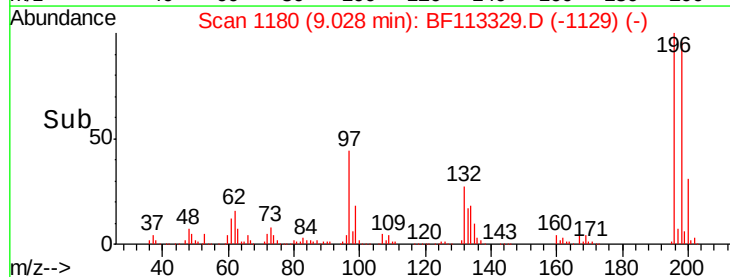
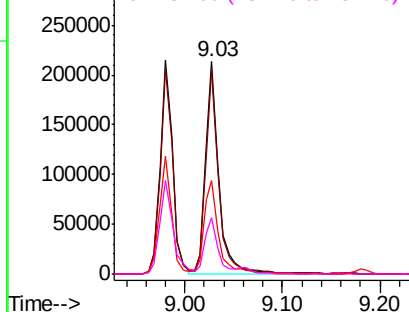


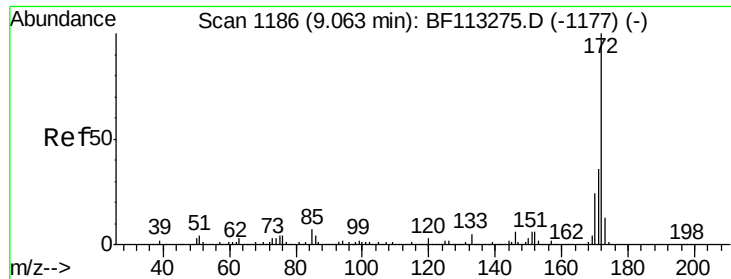
#44  
 2,4,5-Trichlorophenol  
 Concen: 28.117 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Tgt Ion:196 Resp: 202264  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 75.4 113.2  
 97 44.1 38.6 58.0  
 132 26.6 22.9 34.3



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

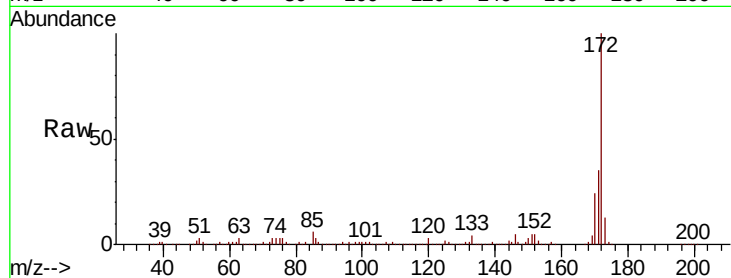




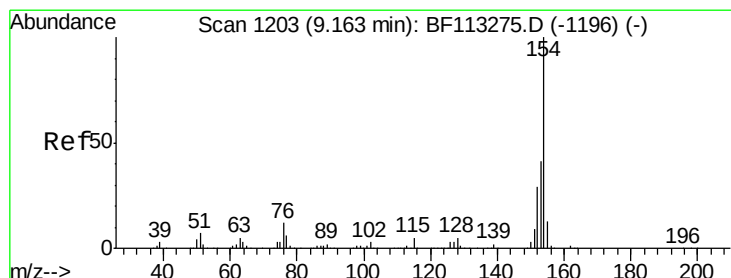
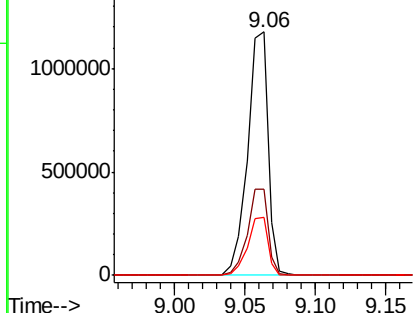
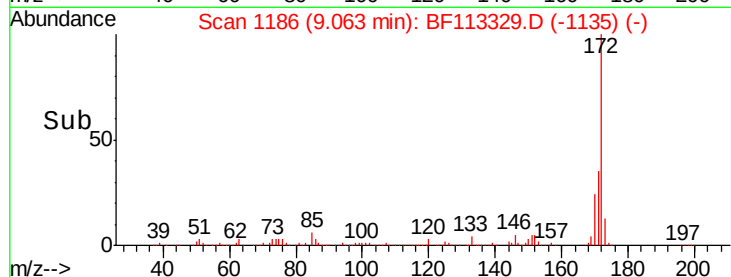
#45  
2-Fluorobiphenyl  
Concen: 54.259 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:172 Resp: 1203043  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.0 43.6  
170 24.1 19.5 29.3

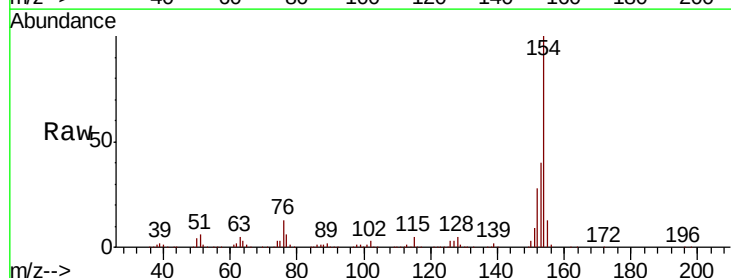


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

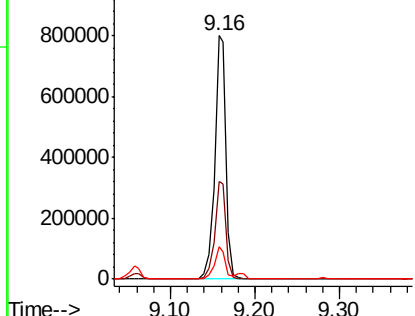
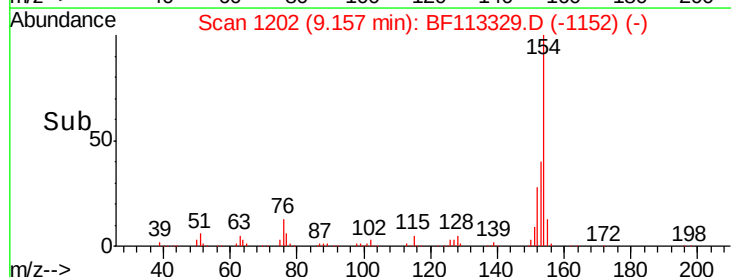


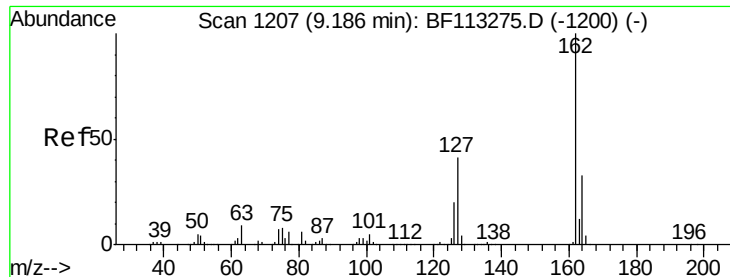
#46  
1,1'-Biphenyl  
Concen: 29.418 ng  
RT: 9.16 min Scan# 1202  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:154 Resp: 764020  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.8 60.8  
76 13.2 0.0 31.9



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

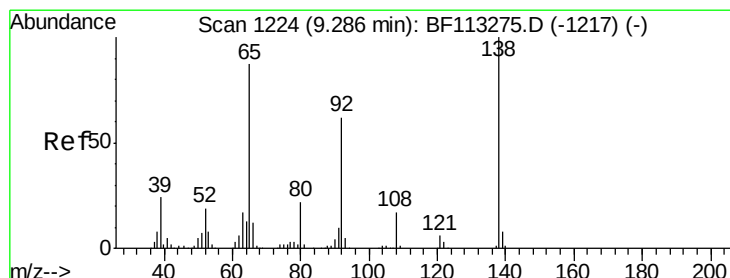
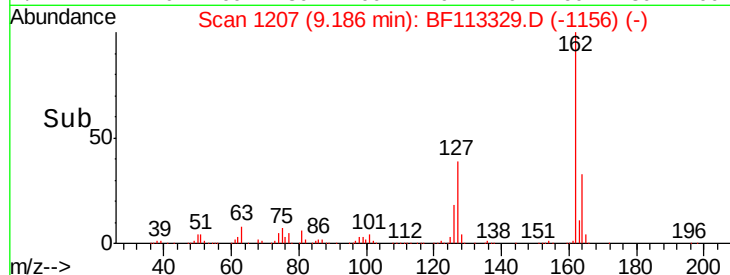
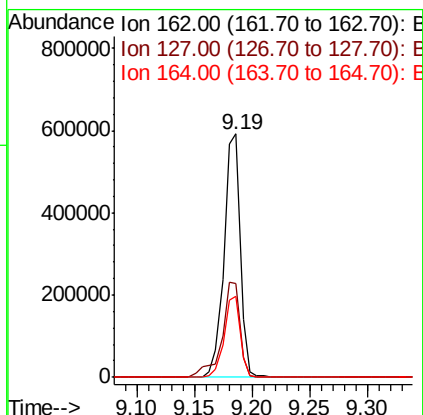
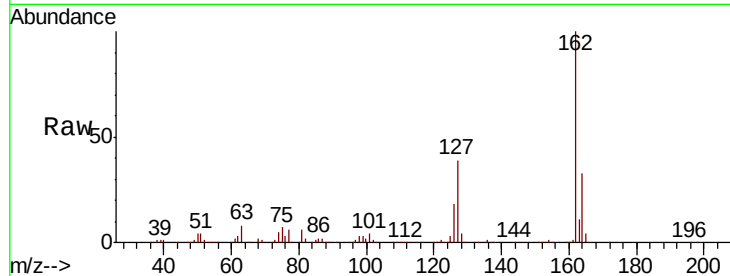




#47  
 2-Chloronaphthalene  
 Concen: 29.148 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

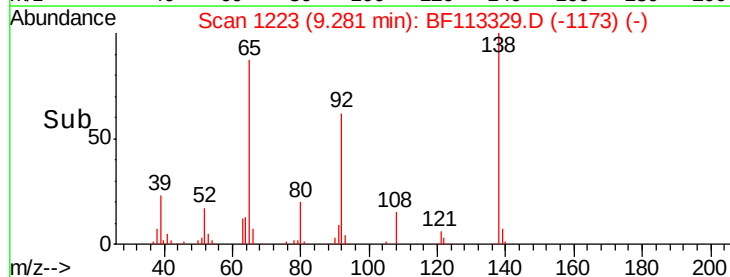
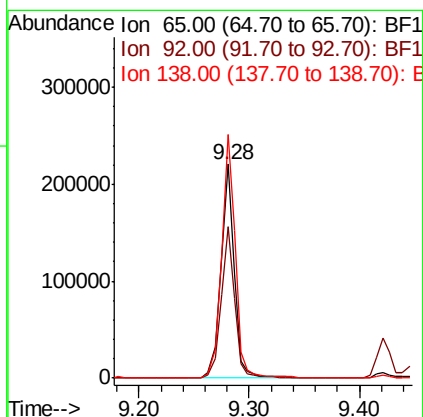
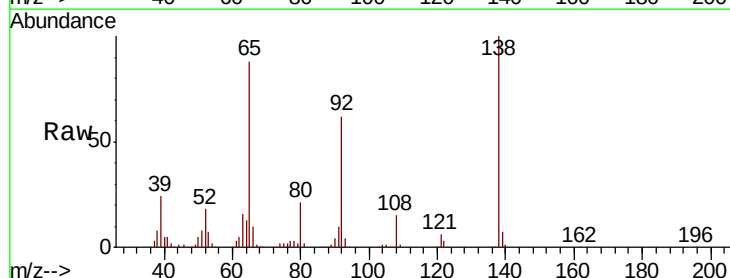
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

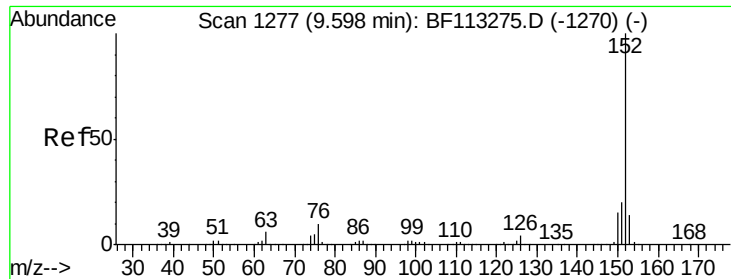
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.5  | 32.6  | 49.0  |
| 164     | 33.2  | 26.6  | 39.8  |



#48  
 2-Nitroaniline  
 Concen: 29.983 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.0  | 56.8  | 85.2  |
| 138     | 113.8 | 92.3  | 138.5 |





#49

Acenaphthylene

Concen: 29.646 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

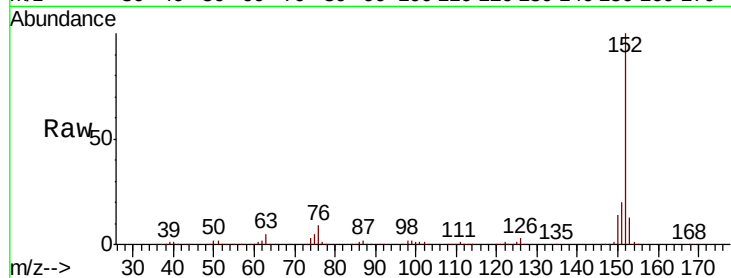
Tgt Ion:152 Resp: 958529

Ion Ratio Lower Upper

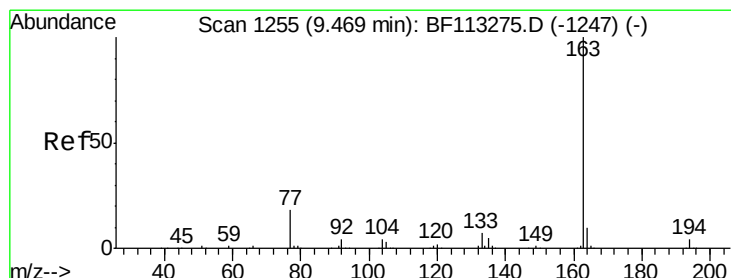
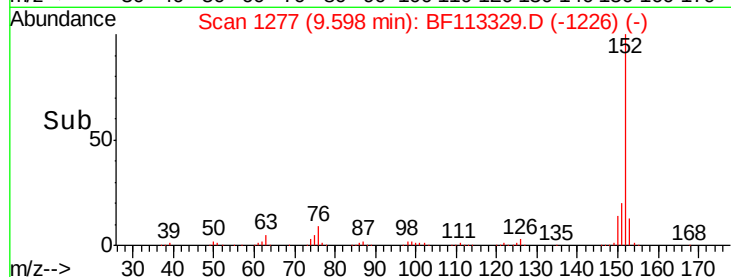
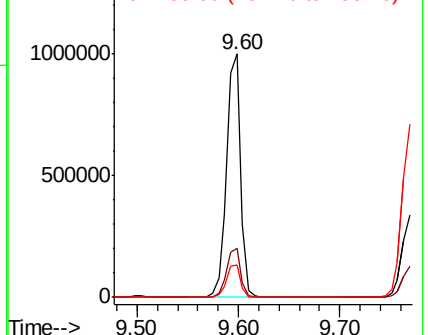
152 100

151 20.2 16.2 24.4

153 13.3 11.0 16.6



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: 33.376 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

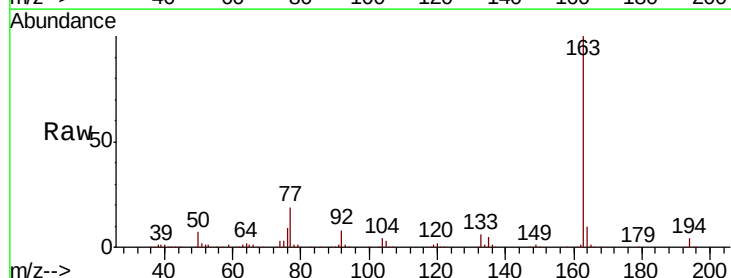
Tgt Ion:163 Resp: 769153

Ion Ratio Lower Upper

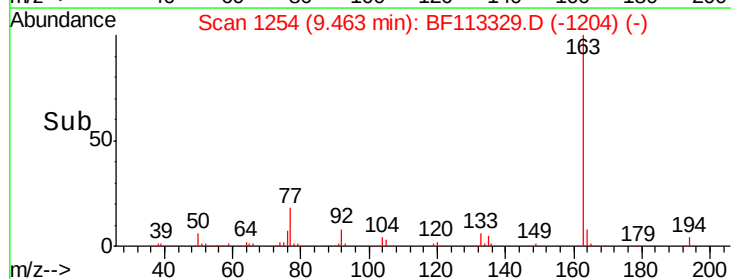
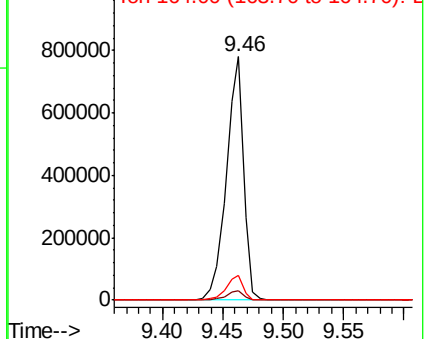
163 100

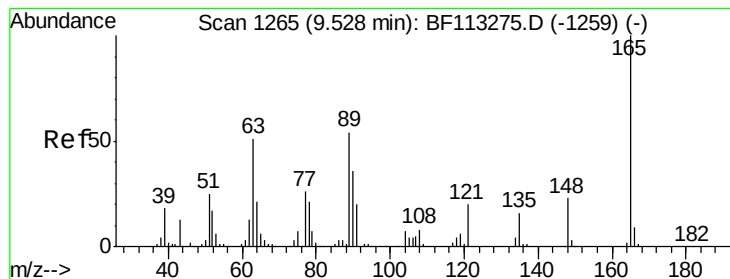
194 4.1 3.0 4.6

164 10.2 8.1 12.1



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: 29.705 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

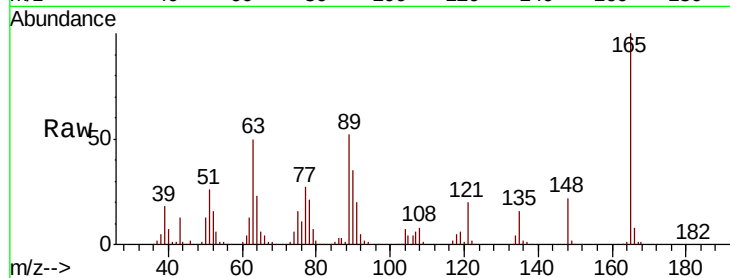
Tgt Ion:165 Resp: 154432

Ion Ratio Lower Upper

165 100

63 49.7 43.4 65.0

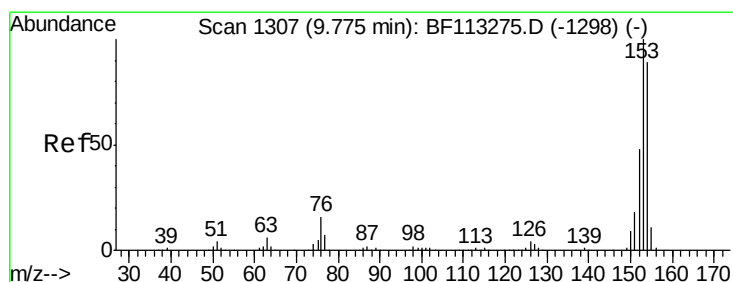
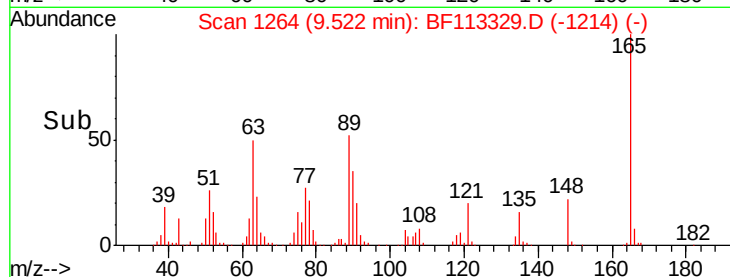
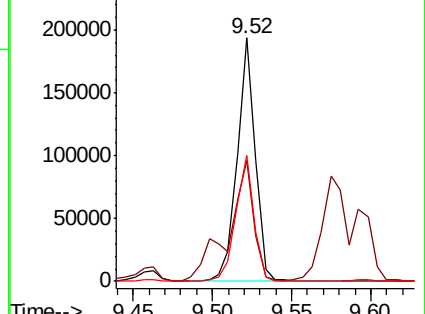
89 51.8 43.1 64.7



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: 29.540 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

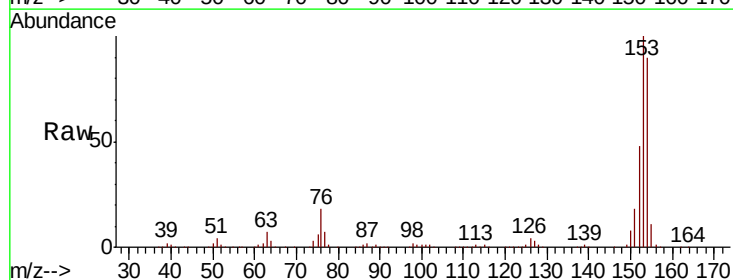
Tgt Ion:154 Resp: 537872

Ion Ratio Lower Upper

154 100

153 110.8 89.5 134.3

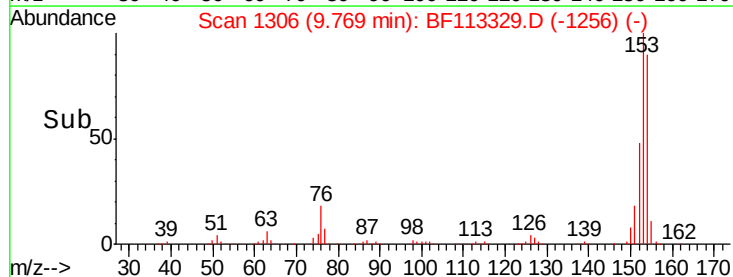
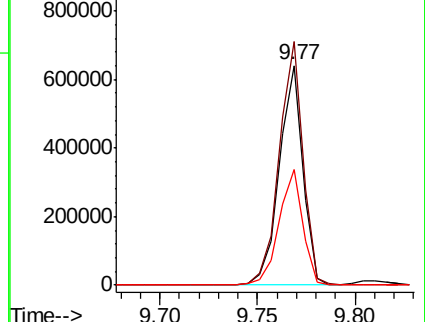
152 52.9 43.3 64.9

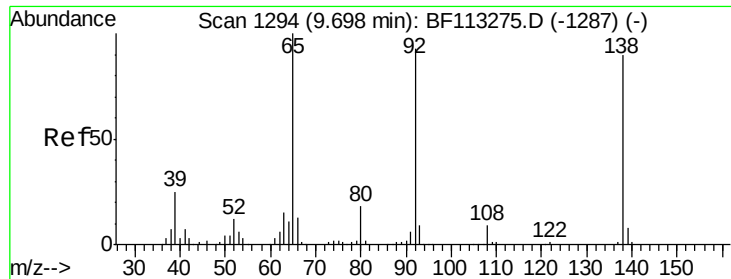


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

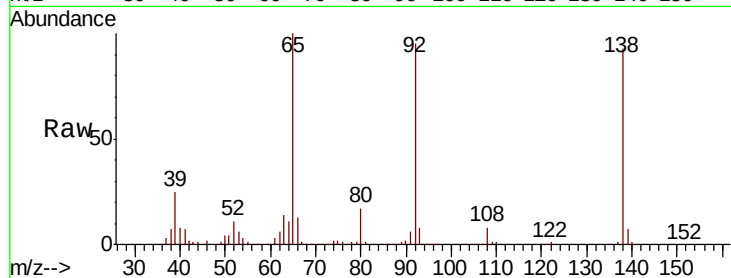




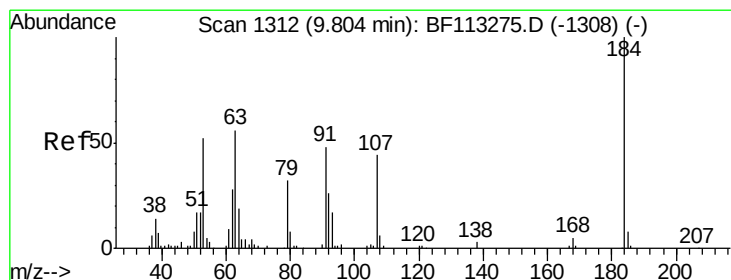
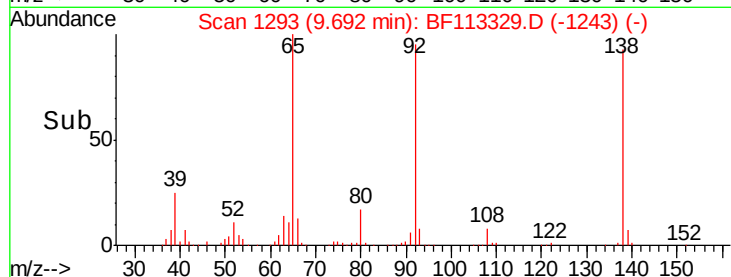
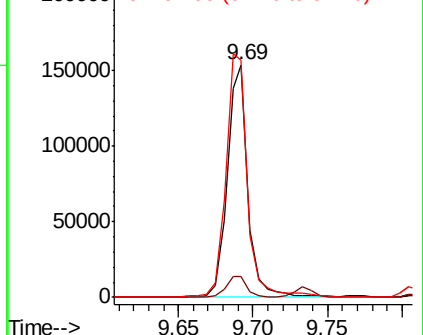
#53  
3-Nitroaniline  
Concen: 25.641 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:138 Resp: 150330  
Ion Ratio Lower Upper  
138 100  
108 8.8 7.8 11.6  
92 102.2 82.6 124.0

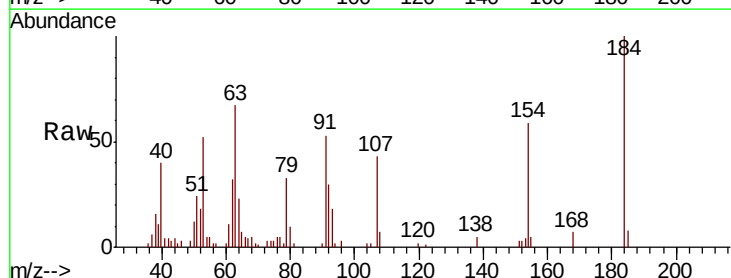


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

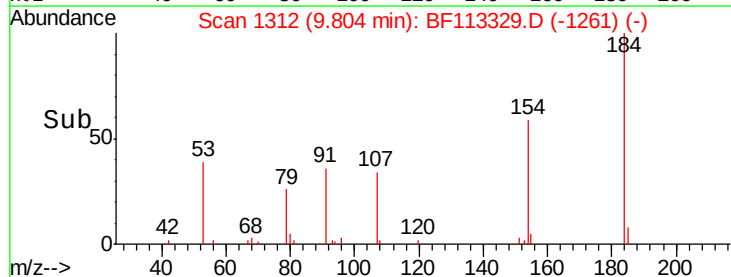
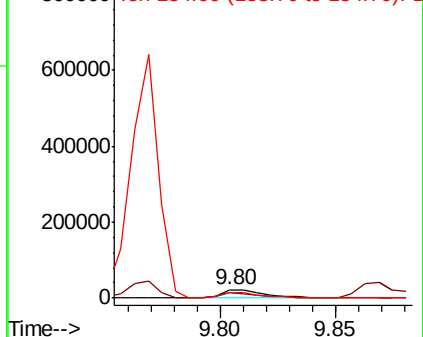


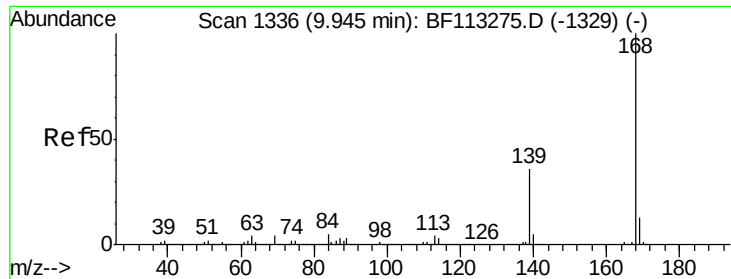
#54  
2,4-Dinitrophenol  
Concen: 11.783 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:184 Resp: 30467  
Ion Ratio Lower Upper  
184 100  
63 66.8 54.3 81.5  
154 59.3 48.4 72.6



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

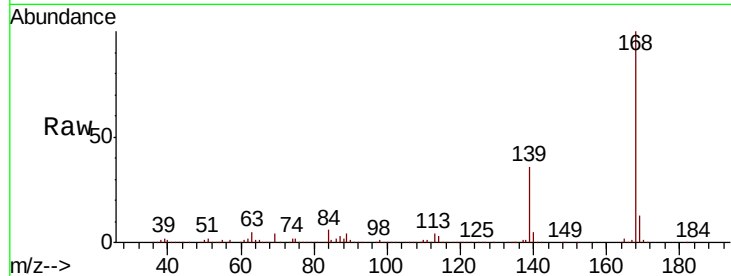




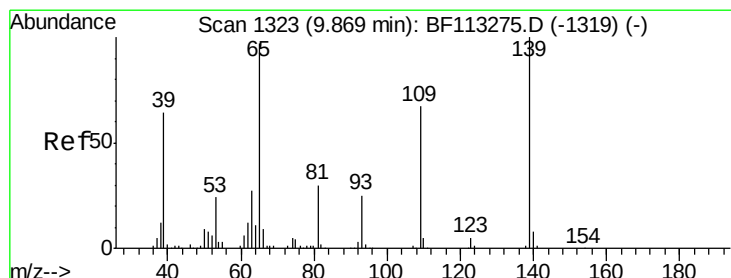
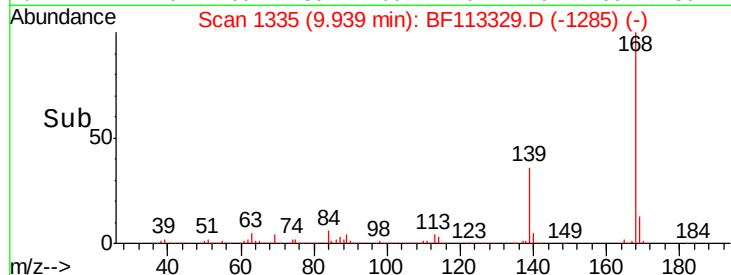
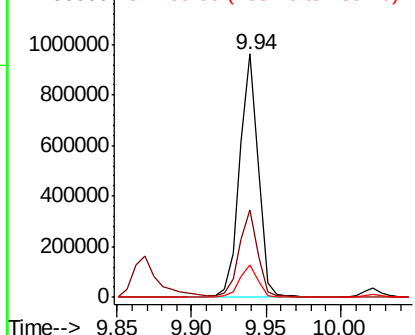
#55  
Dibenzofuran  
Concen: 30.564 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:168 Resp: 836644  
Ion Ratio Lower Upper  
168 100  
139 36.1 29.7 44.5  
169 13.4 10.7 16.1

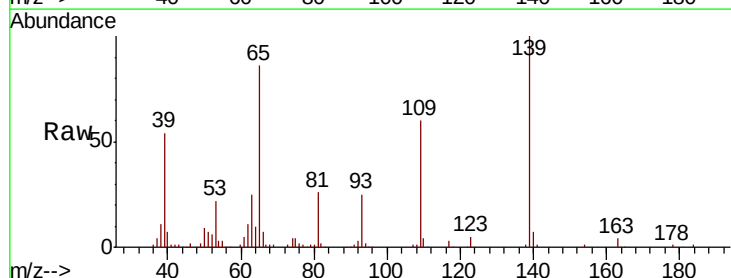


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

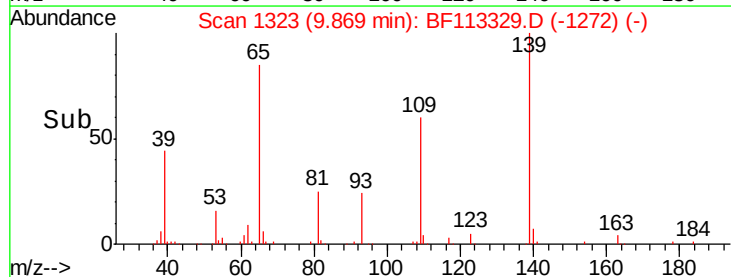
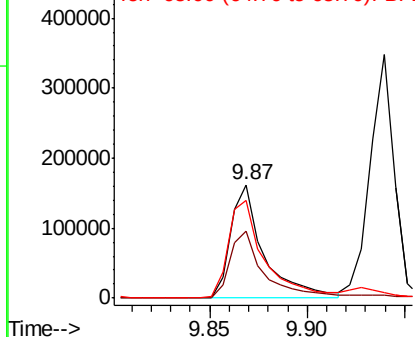


#56  
4-Nitrophenol  
Concen: 46.096 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

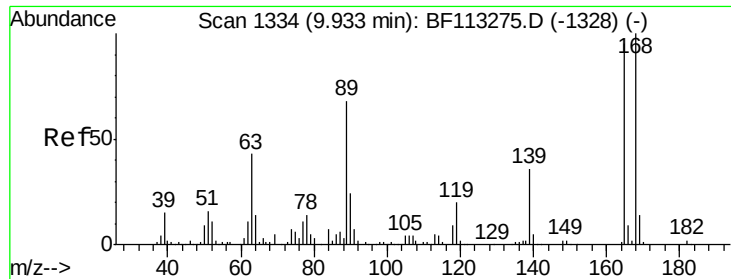
Tgt Ion:139 Resp: 192671  
Ion Ratio Lower Upper  
139 100  
109 59.7 46.9 86.9  
65 86.2 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1







#57

2,4-Dinitrotoluene

Concen: 30.646 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

Tgt Ion:165 Resp: 202609

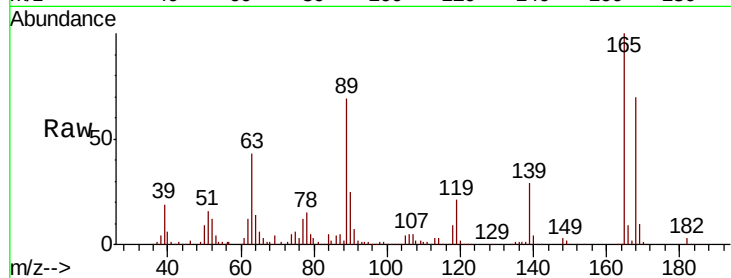
Ion Ratio Lower Upper

165 100

63 43.2 37.5 56.3

89 69.2 57.4 86.2

182 2.5 2.0 3.0

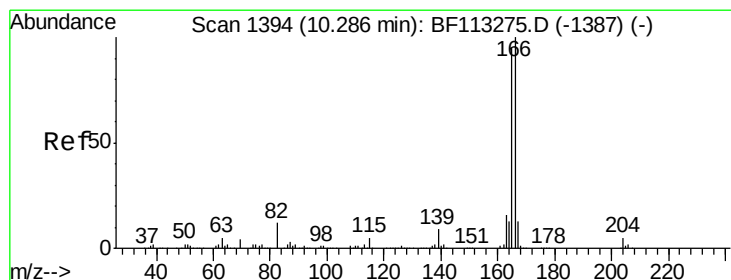
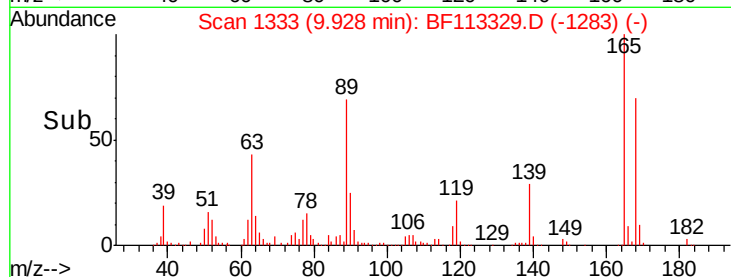
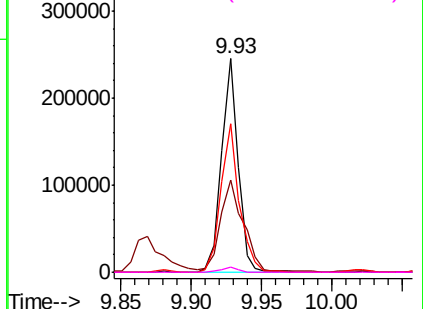


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 29.621 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

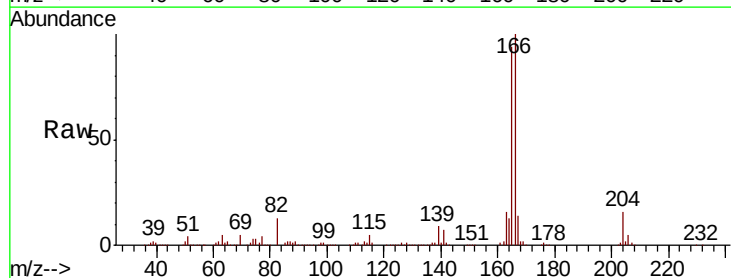
Tgt Ion:166 Resp: 629883

Ion Ratio Lower Upper

166 100

165 94.4 76.2 114.2

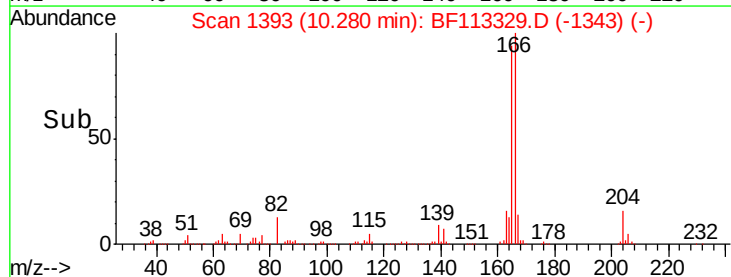
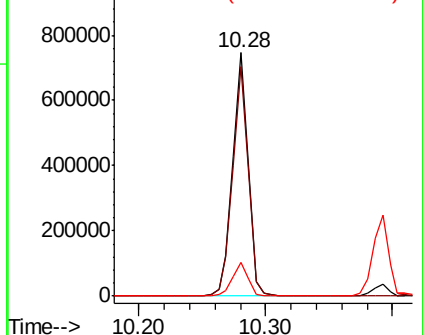
167 13.9 10.7 16.1

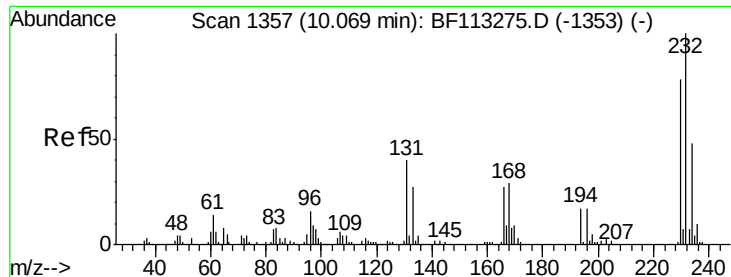


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 25.151 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

Tgt Ion:232 Resp: 153001

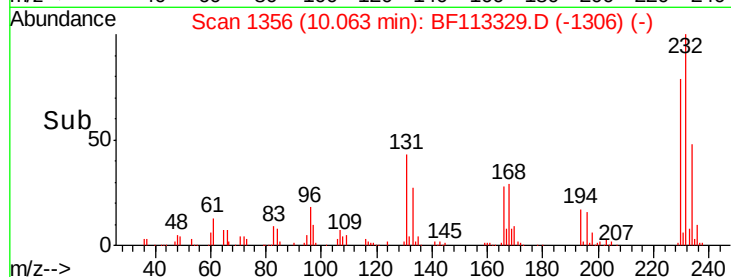
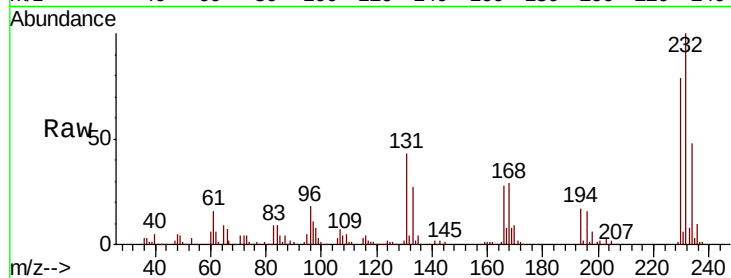
Ion Ratio Lower Upper

232 100

131 41.5 33.2 49.8

130 2.0 1.6 2.4

166 27.0 21.0 31.6

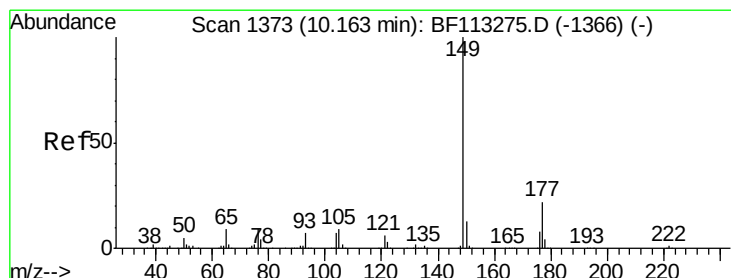
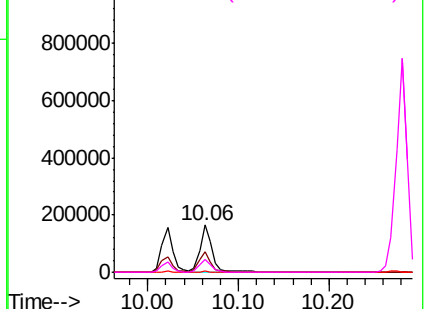


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 29.276 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

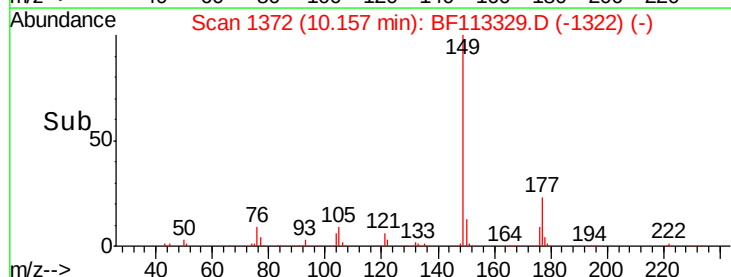
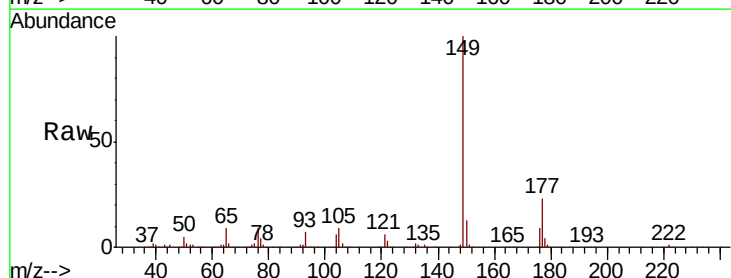
Tgt Ion:149 Resp: 661842

Ion Ratio Lower Upper

149 100

177 22.6 17.4 26.0

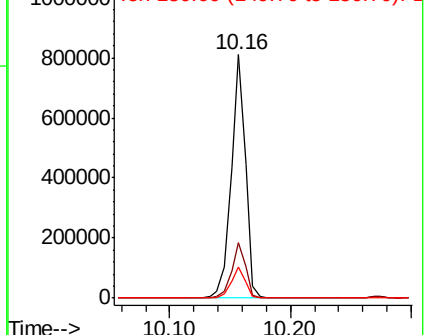
150 12.6 10.0 15.0

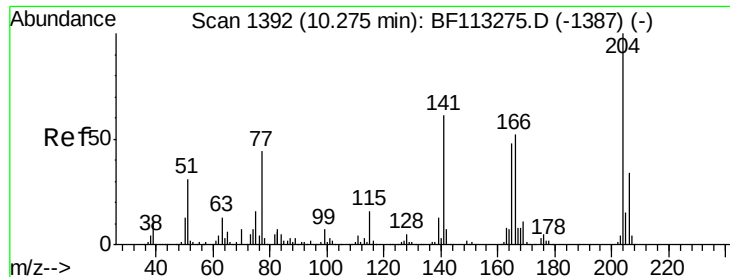


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

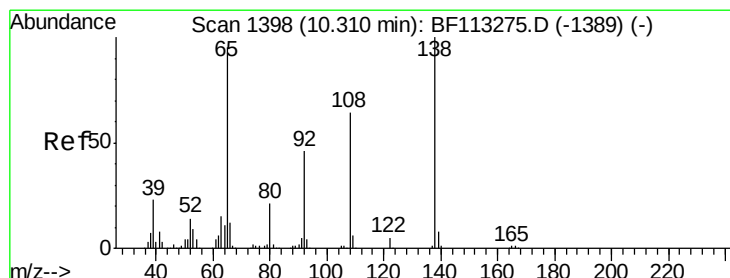
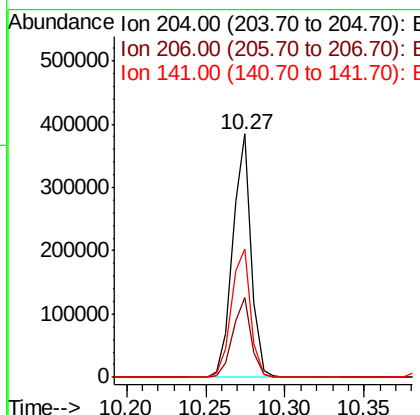
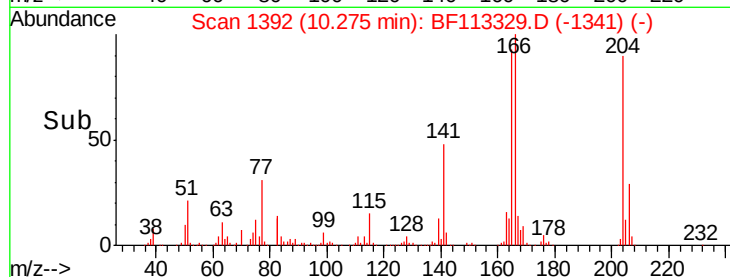
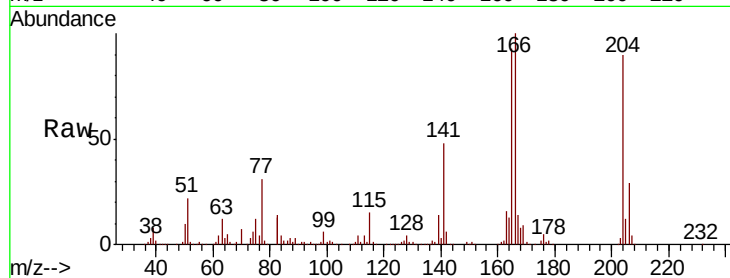




#61  
4-Chlorophenyl-phenylether  
Concen: 29.831 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

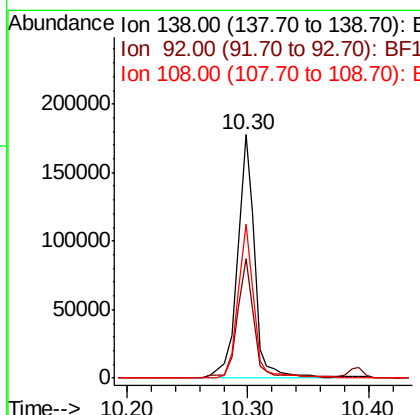
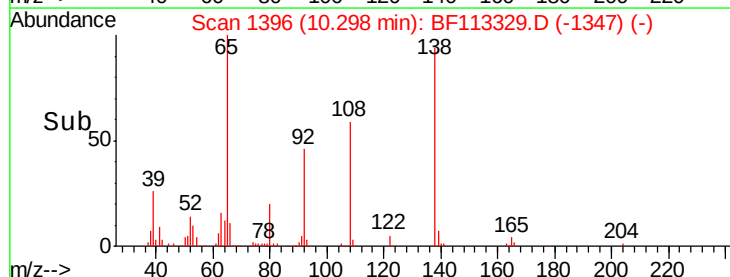
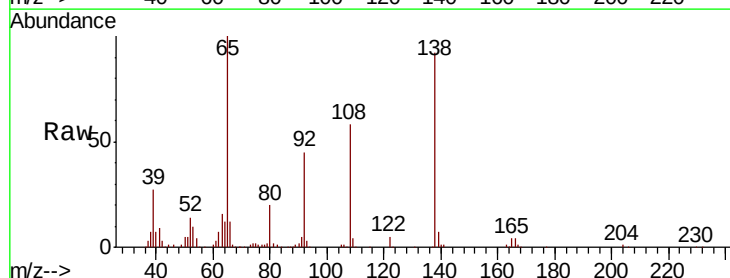
Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

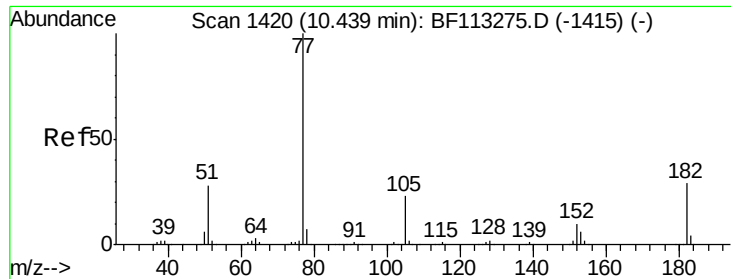
Tgt Ion:204 Resp: 309174  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.9 40.3  
141 53.0 48.8 73.2



#62  
4-Nitroaniline  
Concen: 29.334 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:138 Resp: 177068  
Ion Ratio Lower Upper  
138 100  
92 49.3 25.8 65.8  
108 63.0 44.0 84.0





#63

Azobenzene

Concen: 29.557 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

Tgt Ion: 77 Resp: 628988

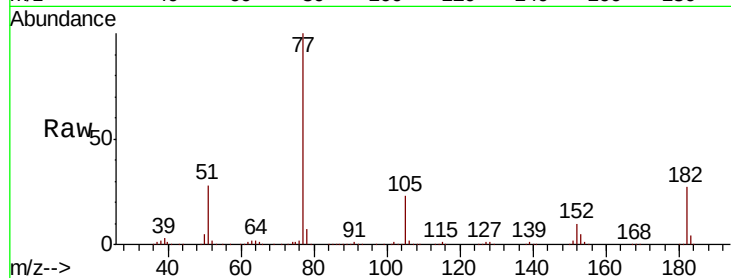
Ion Ratio Lower Upper

77 100

182 27.4 8.7 48.7

105 23.2 2.9 42.9

51 28.1 8.8 48.8

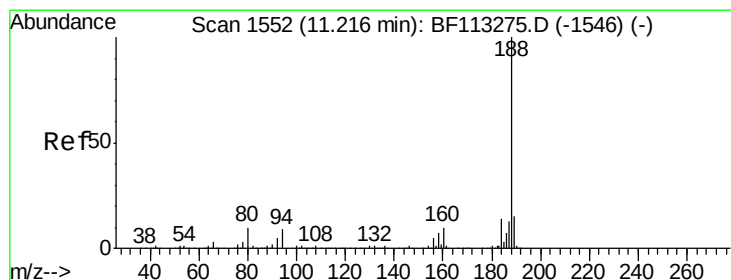
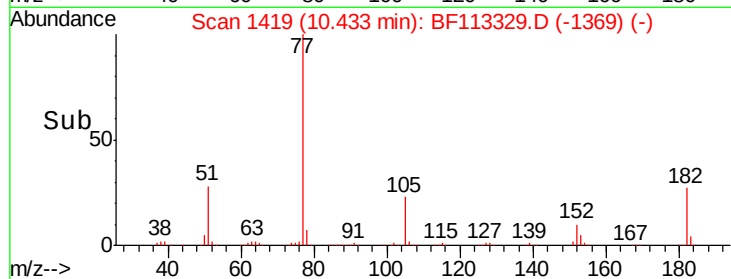
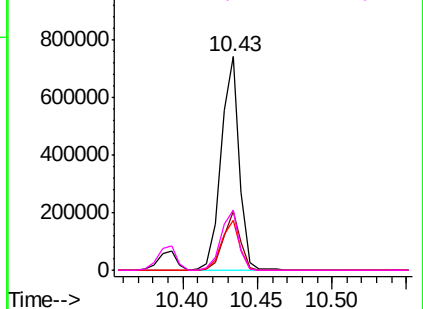


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

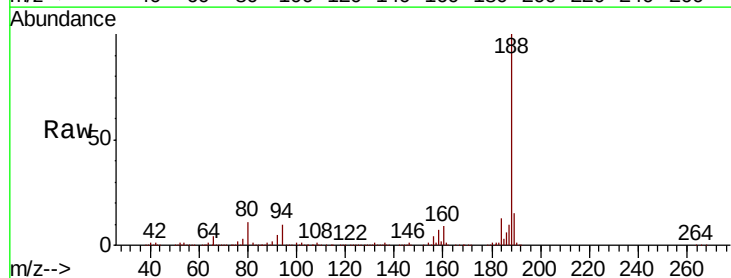
Tgt Ion: 188 Resp: 632254

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

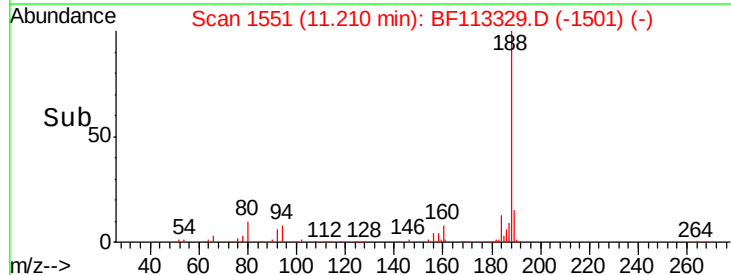
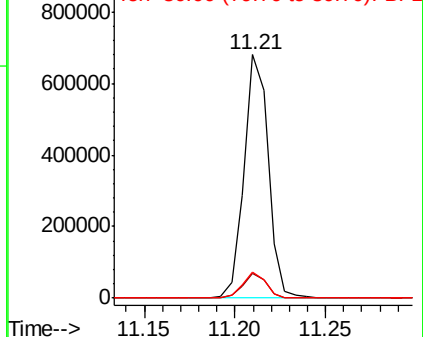
80 10.6 7.7 11.5

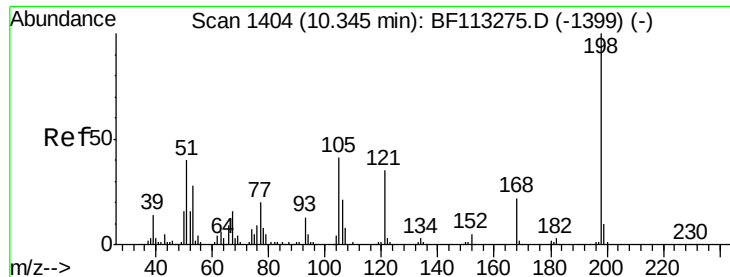


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

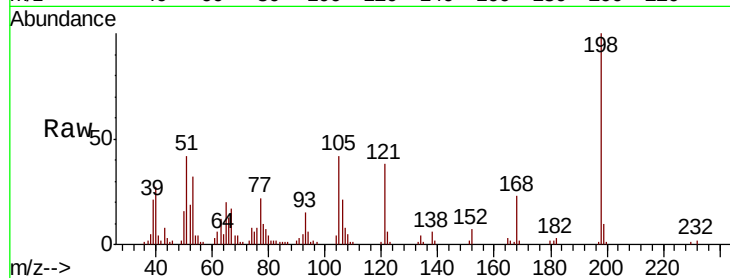




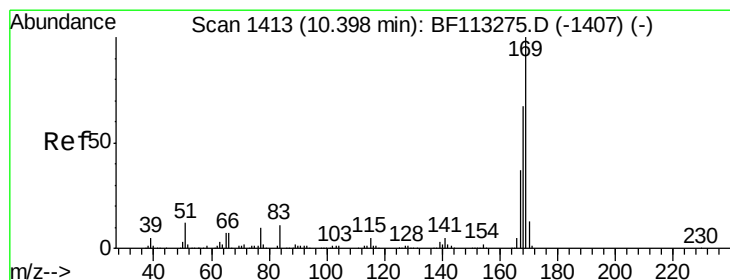
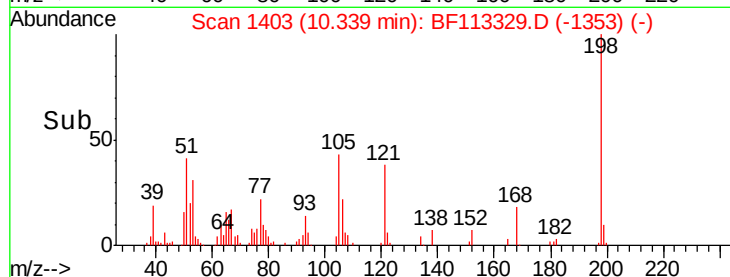
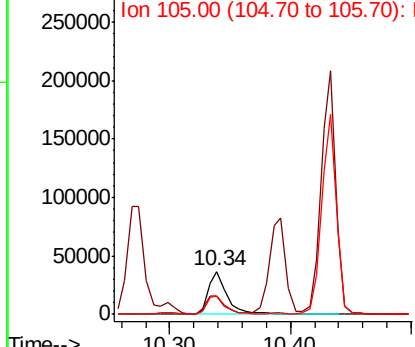
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 11.384 ng  
 RT: 10.34 min Scan# 1403  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

Tgt Ion:198 Resp: 39374  
 Ion Ratio Lower Upper  
 198 100  
 51 41.9 21.6 61.6  
 105 42.3 20.6 60.6

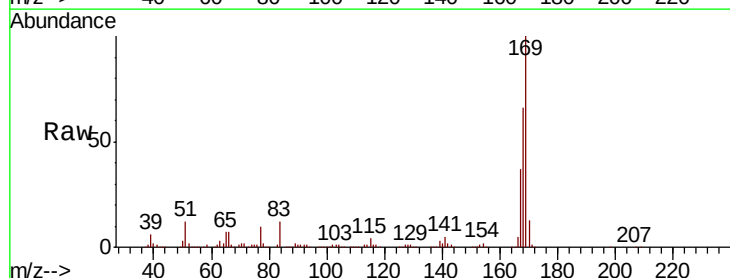


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

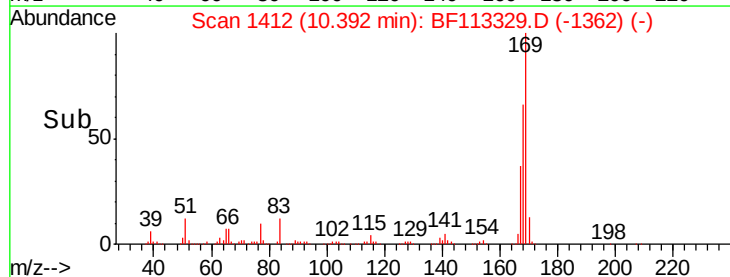
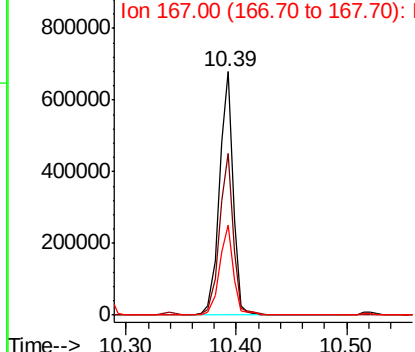


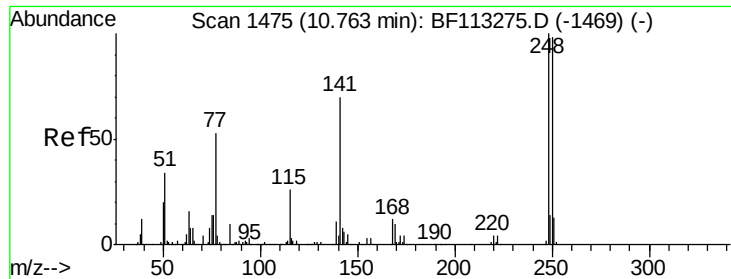
#66  
 n-Nitrosodiphenylamine  
 Concen: 30.248 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Tgt Ion:169 Resp: 586830  
 Ion Ratio Lower Upper  
 169 100  
 168 66.2 53.7 80.5  
 167 36.8 29.5 44.3



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

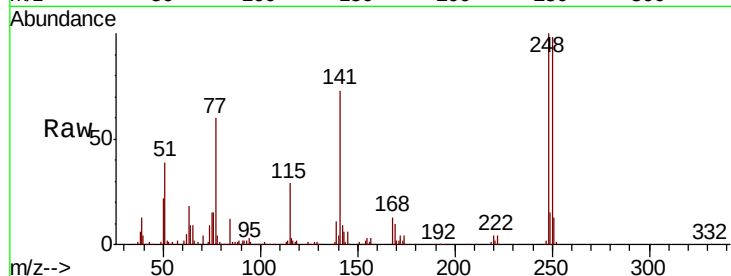




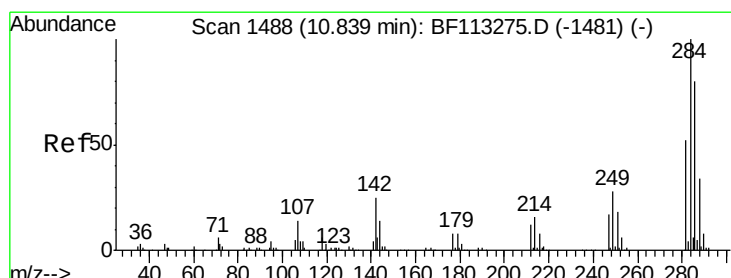
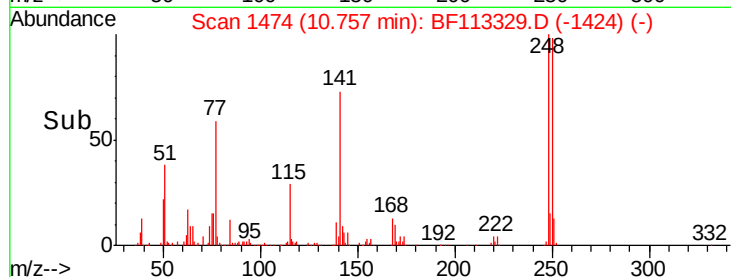
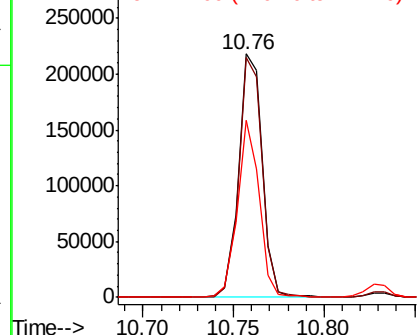
#67  
4-Bromophenyl-phenylether  
Concen: 28.762 ng  
RT: 10.76 min Scan# 1474  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:248 Resp: 198203  
Ion Ratio Lower Upper  
248 100  
250 98.4 78.3 117.5  
141 72.7 56.2 84.4

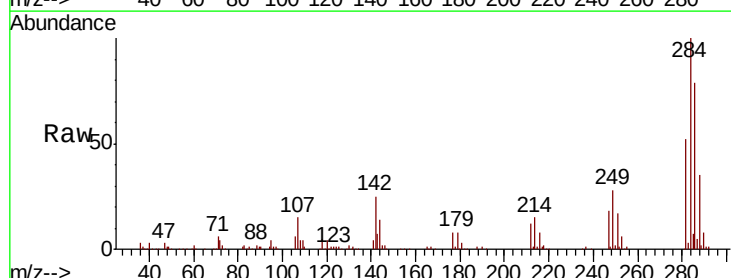


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

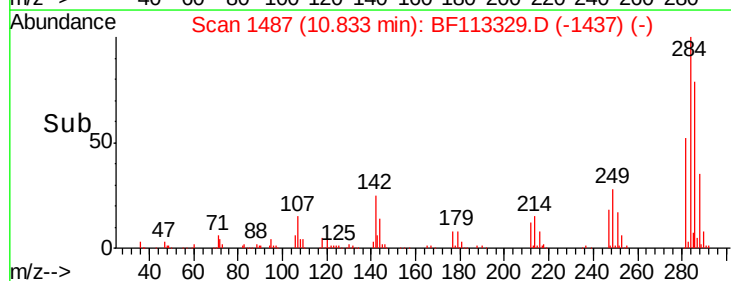
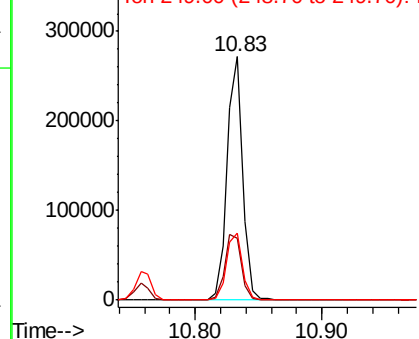


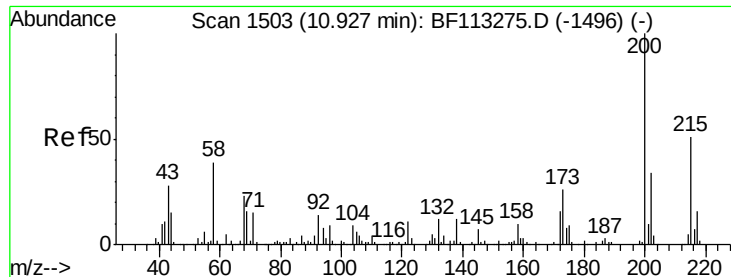
#68  
Hexachlorobenzene  
Concen: 29.281 ng  
RT: 10.83 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:284 Resp: 234208  
Ion Ratio Lower Upper  
284 100  
142 25.4 20.1 30.1  
249 27.6 22.7 34.1



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

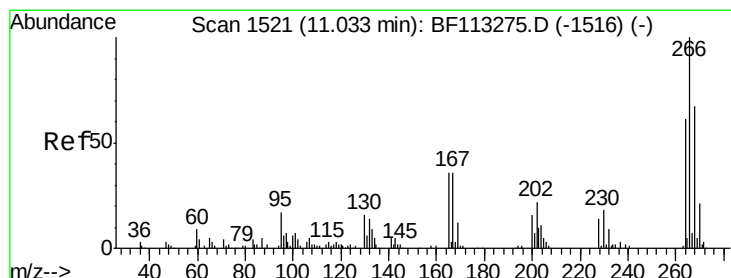
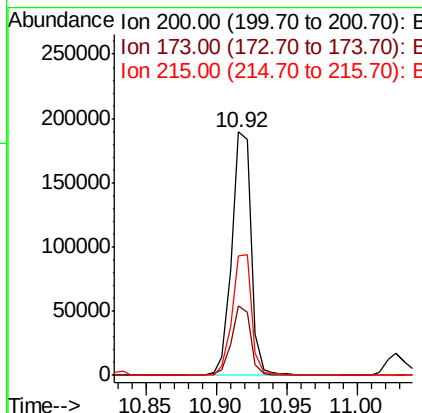
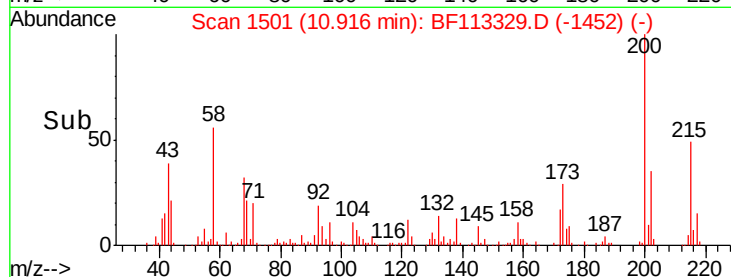
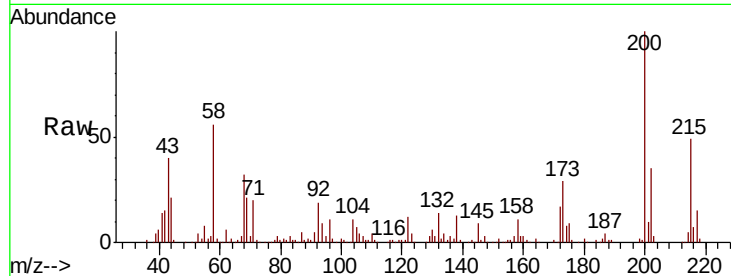




#69  
 Atrazine  
 Concen: 29.706 ng  
 RT: 10.92 min Scan# 1501  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

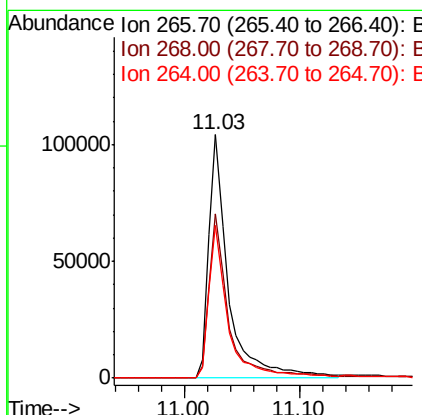
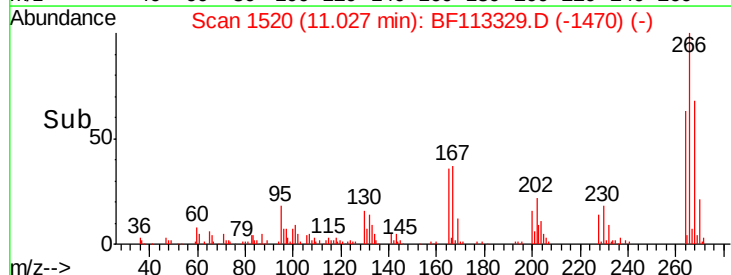
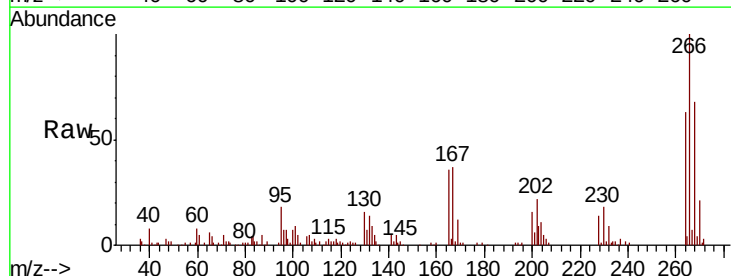
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

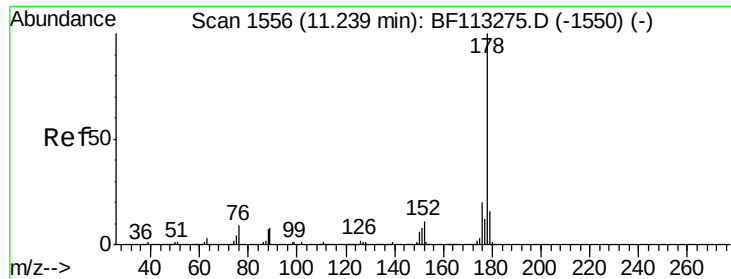
Tgt Ion:200 Resp: 181907  
 Ion Ratio Lower Upper  
 200 100  
 173 28.8 6.0 46.0  
 215 48.9 31.3 71.3



#70  
 Pentachlorophenol  
 Concen: 29.891 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

Tgt Ion:266 Resp: 124568  
 Ion Ratio Lower Upper  
 266 100  
 268 67.7 53.8 80.6  
 264 62.8 49.2 73.8





#71

Phenanthrene

Concen: 29.560 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

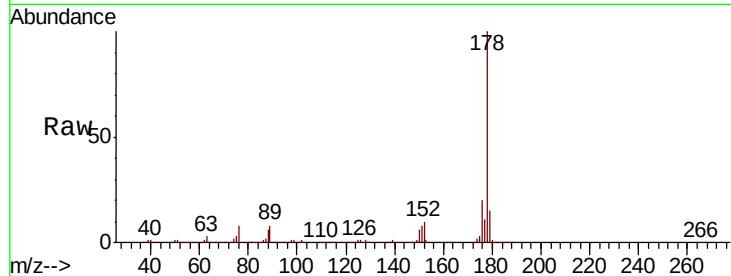
Tgt Ion:178 Resp: 928110

Ion Ratio Lower Upper

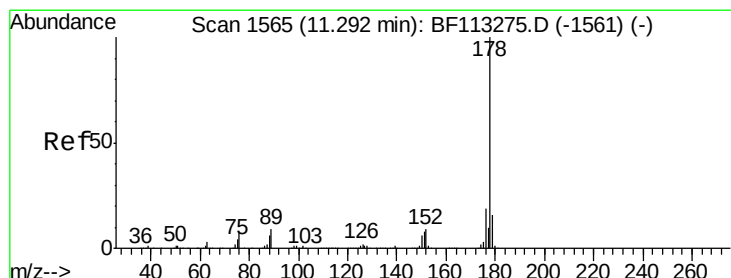
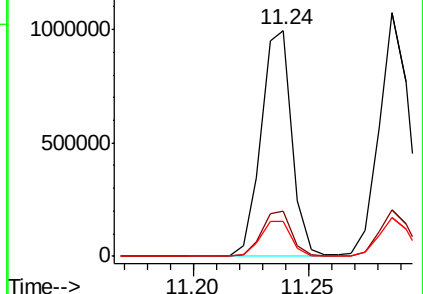
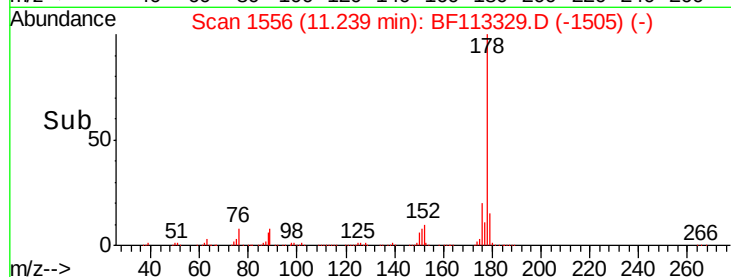
178 100

176 19.8 16.2 24.2

179 15.2 12.7 19.1



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: 30.665 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

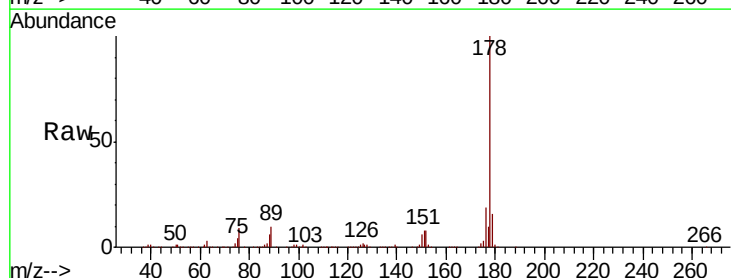
Tgt Ion:178 Resp: 977963

Ion Ratio Lower Upper

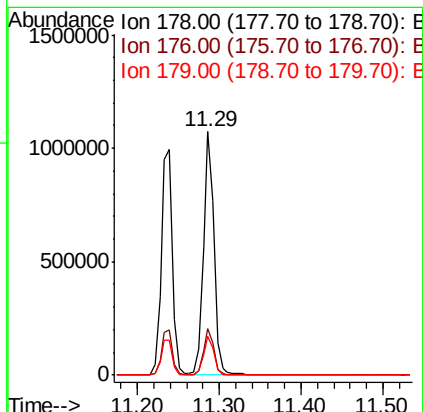
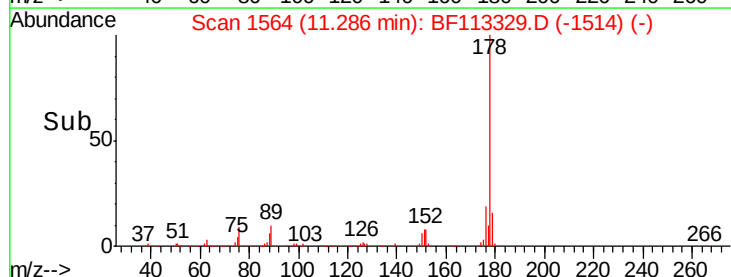
178 100

176 19.3 15.4 23.2

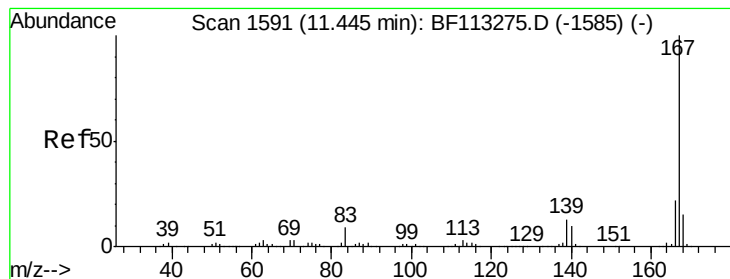
179 15.8 12.8 19.2



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: 30.053 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

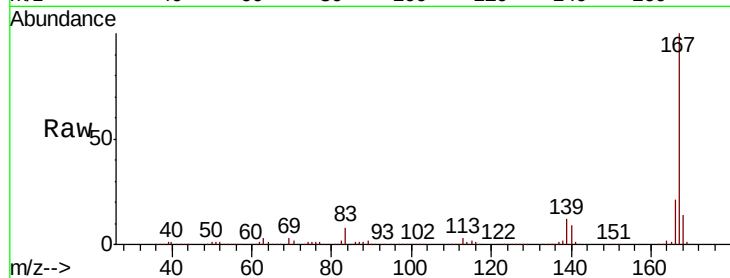
Tgt Ion:167 Resp: 914576

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

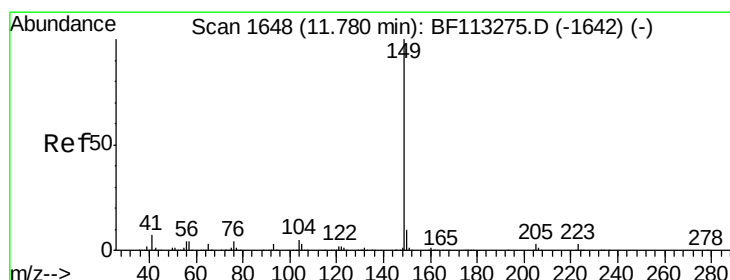
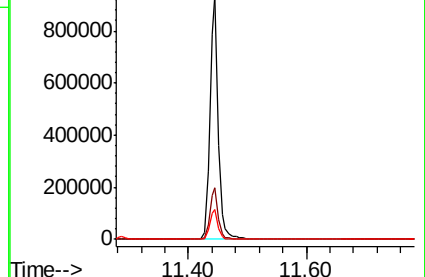
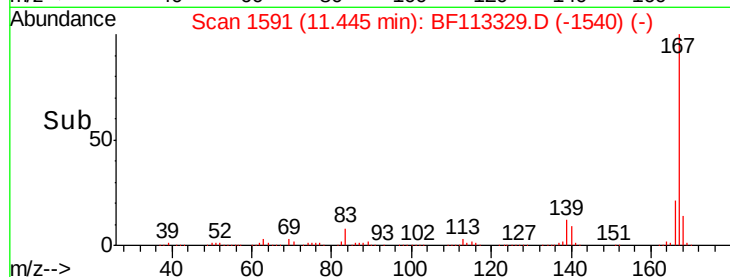
139 12.3 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 29.266 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

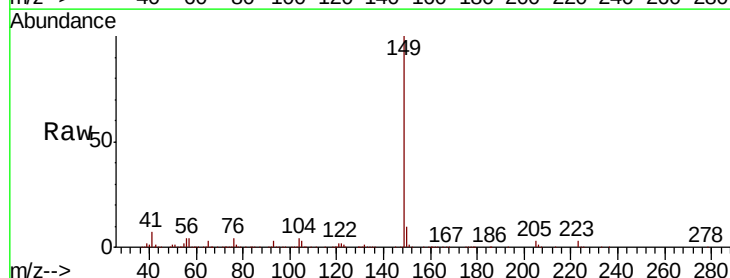
Tgt Ion:149 Resp: 1032803

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

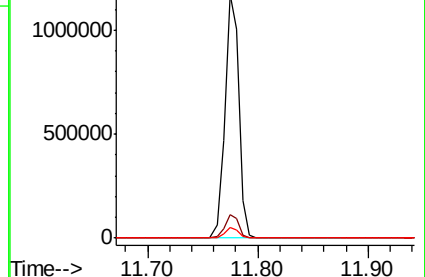
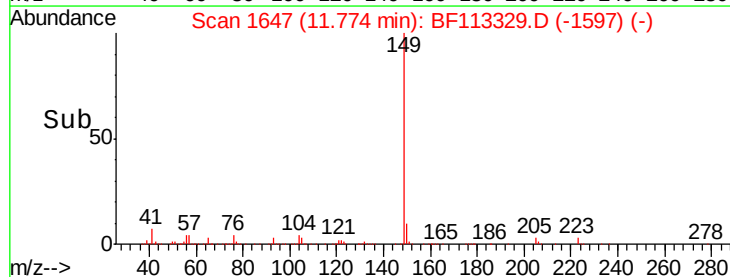
104 4.5 3.7 5.5

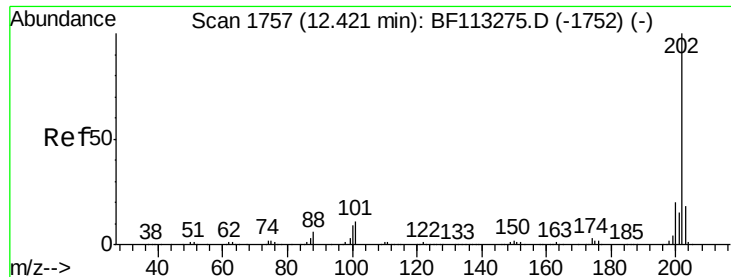


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

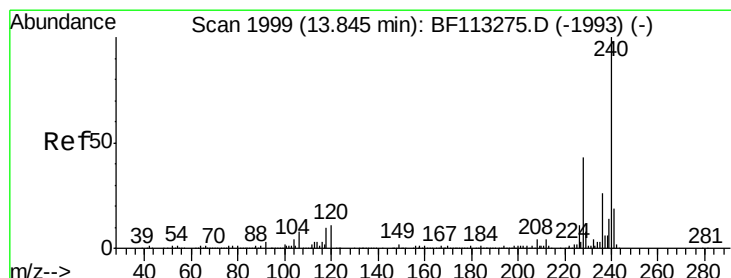
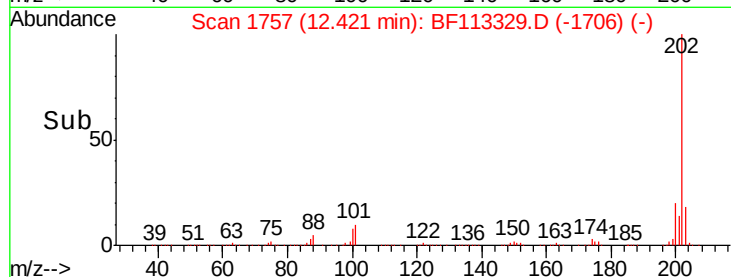
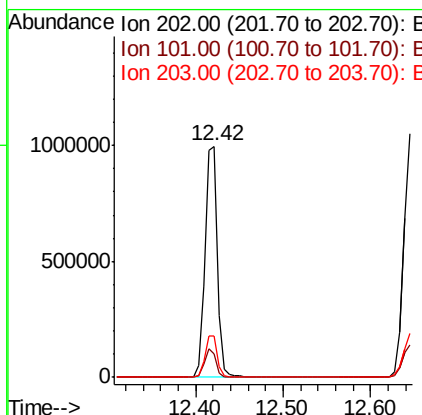
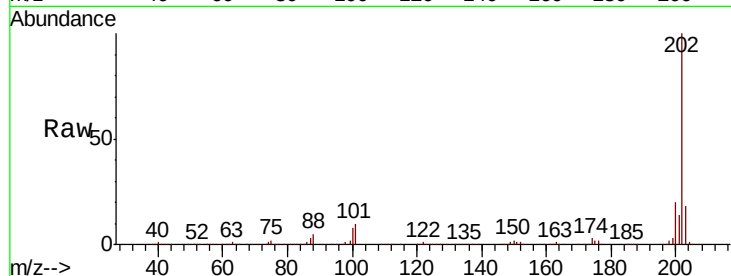




#75  
 Fluoranthene  
 Concen: 27.609 ng  
 RT: 12.42 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

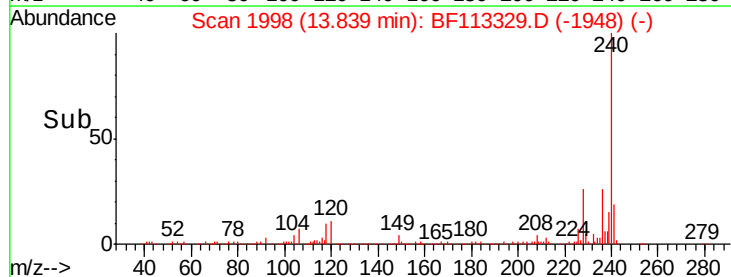
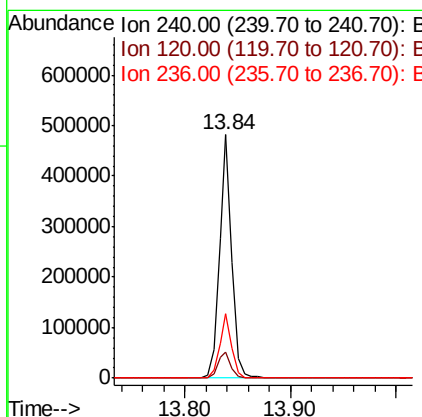
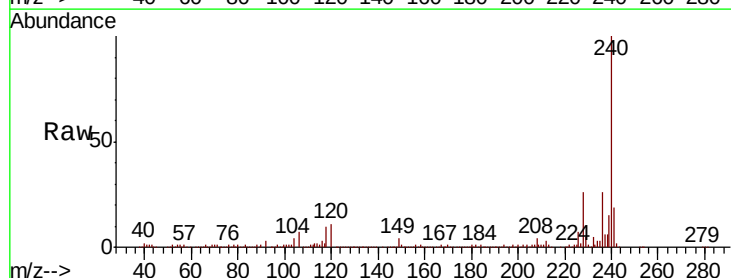
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TT-001-IDWSO-20190325MS

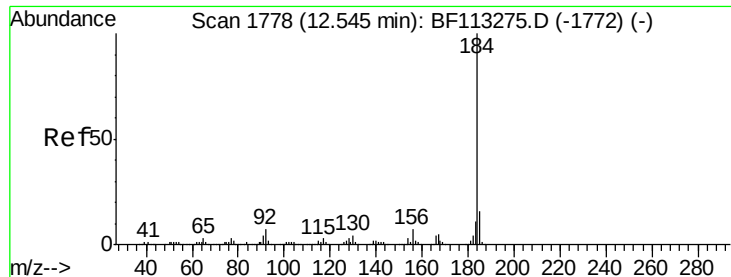
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.1  | 0.0   | 31.4  |
| 203     | 17.6  | 0.0   | 38.0  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.84 min Scan# 1998  
 Delta R.T. -0.01 min  
 Lab File: BF113329.D  
 Acq: 27 Mar 2019 14:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.9  | 8.8   | 13.2  |
| 236     | 26.2  | 20.9  | 31.3  |





#77

Benzidine

Concen: 20.512 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

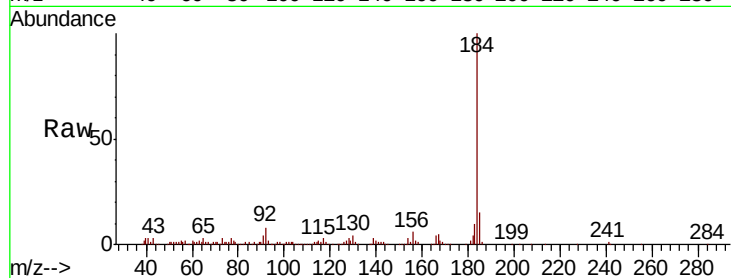
Tgt Ion:184 Resp: 307949

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

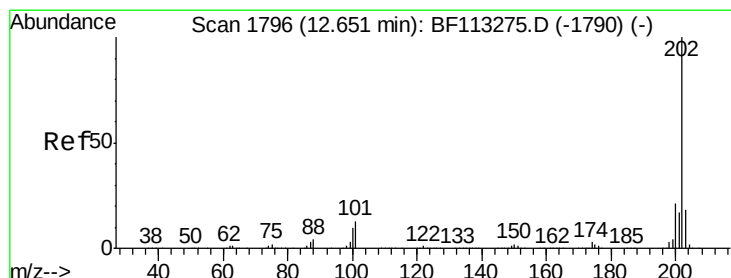
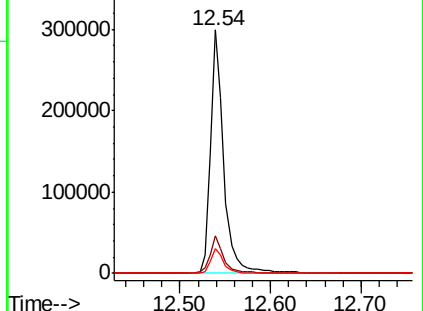
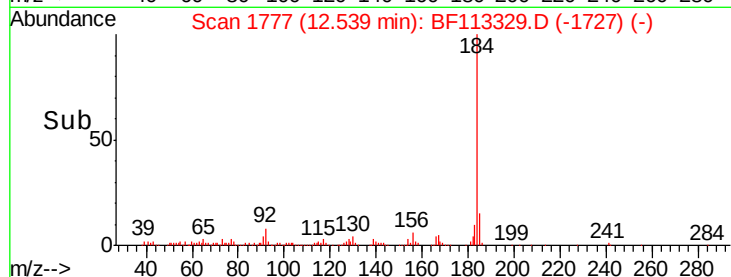
183 10.4 9.0 13.4



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: 35.792 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

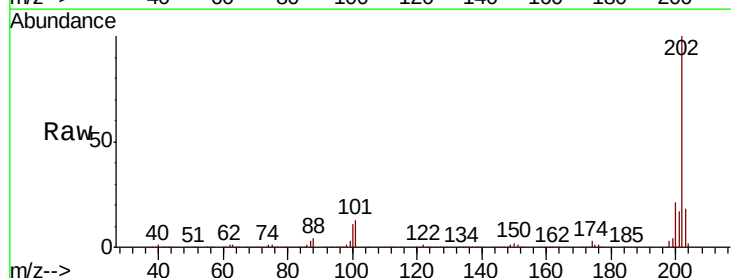
Tgt Ion:202 Resp: 972387

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

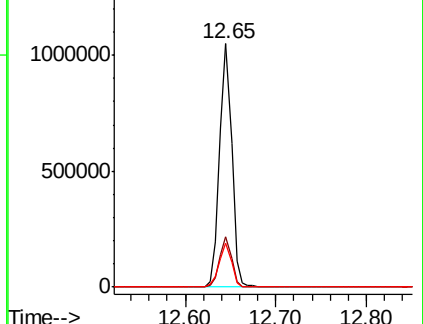
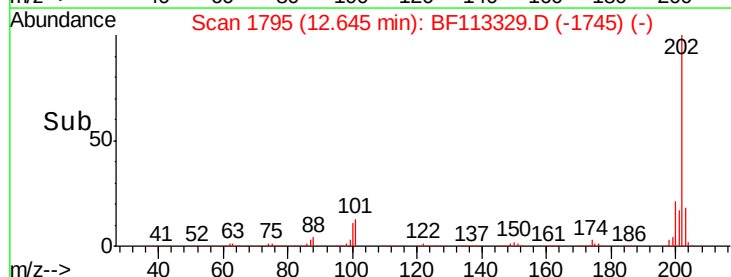
203 18.2 14.4 21.6

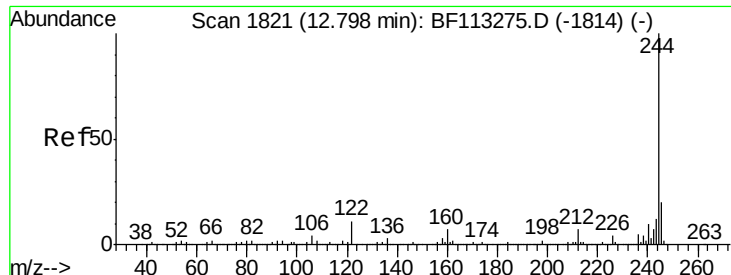


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.589 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

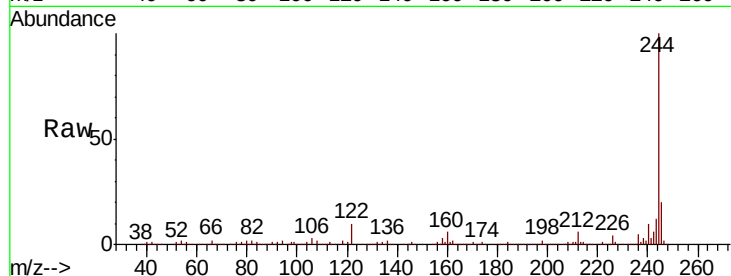
Tgt Ion:244 Resp: 1255545

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

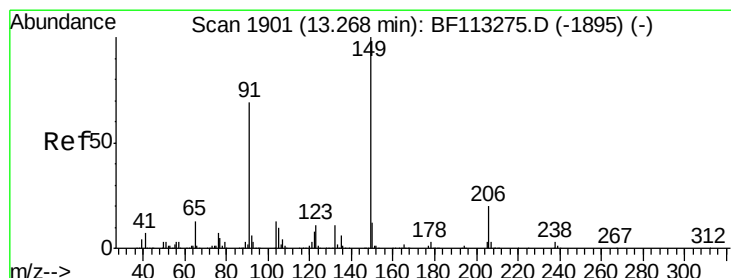
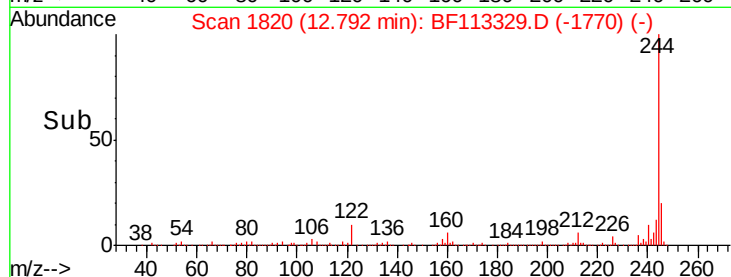
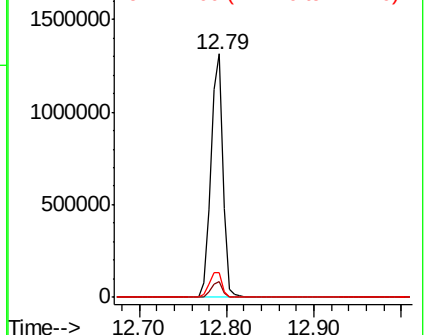
122 10.2 8.6 13.0



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: 31.506 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

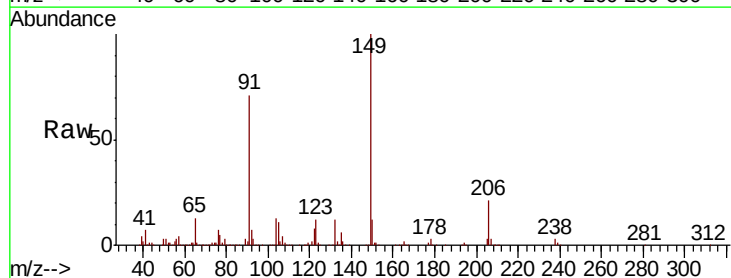
Tgt Ion:149 Resp: 377225

Ion Ratio Lower Upper

149 100

91 71.0 55.2 82.8

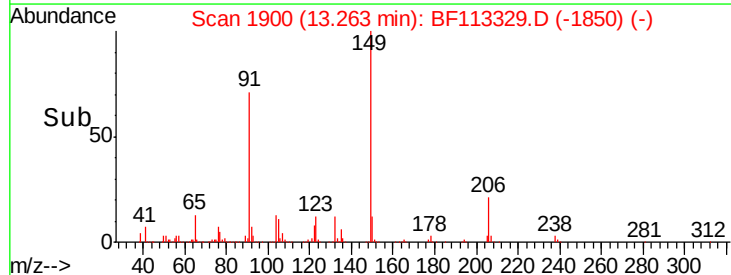
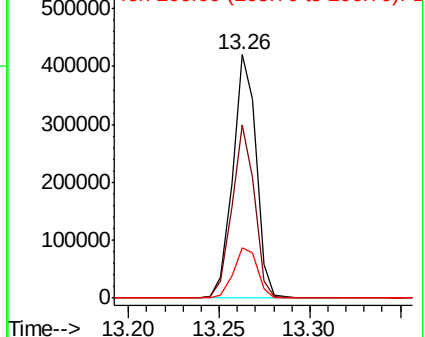
206 20.5 16.1 24.1

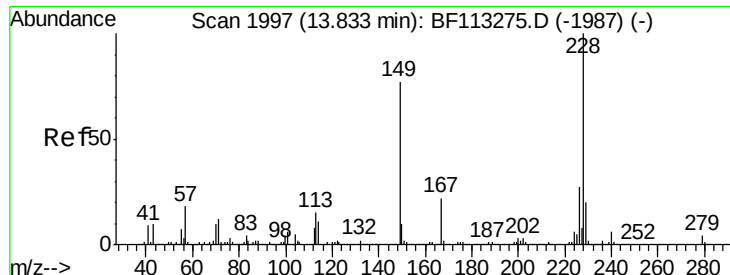


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.844 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

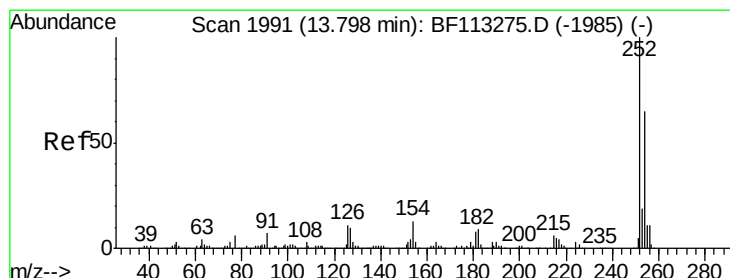
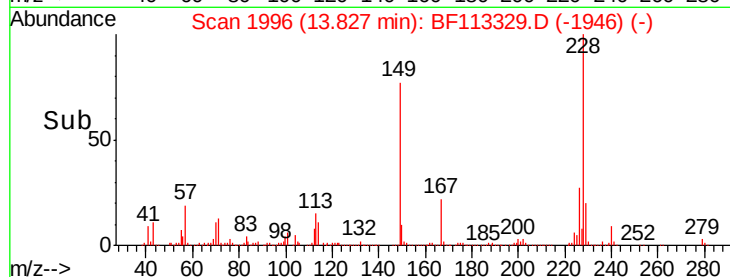
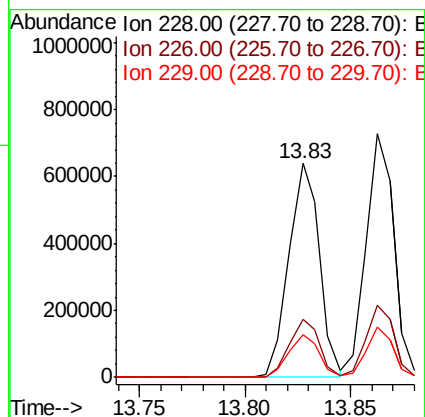
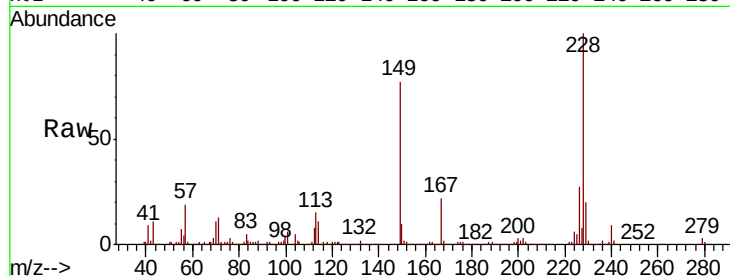
Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 647295 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 27.2  | 21.8  | 32.8   |
| 229      | 19.8  | 16.2  | 24.4   |



#82

3,3'-Dichlorobenzidine

Concen: 22.503 ng

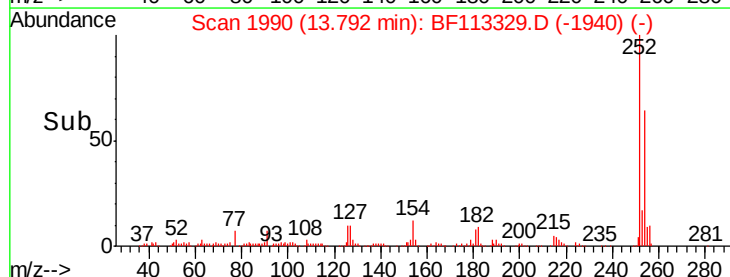
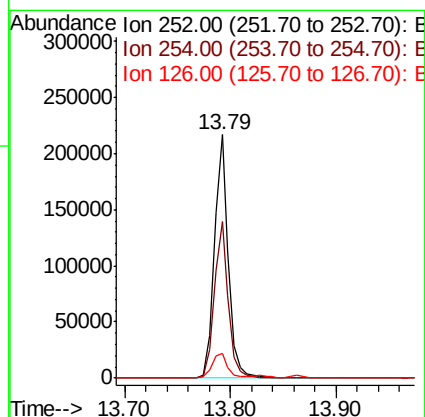
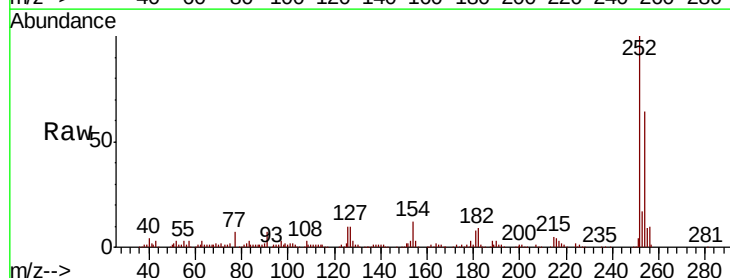
RT: 13.79 min Scan# 1990

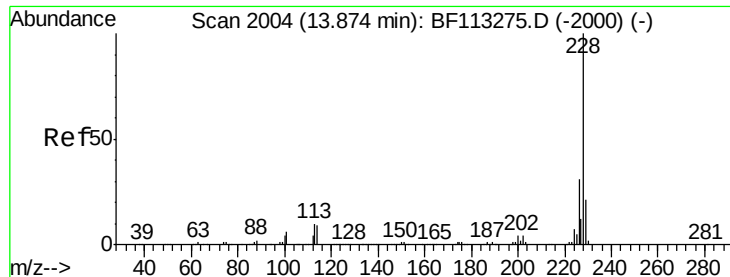
Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 202590 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.2  | 52.2  | 78.2   |
| 126      | 10.3  | 8.5   | 12.7   |

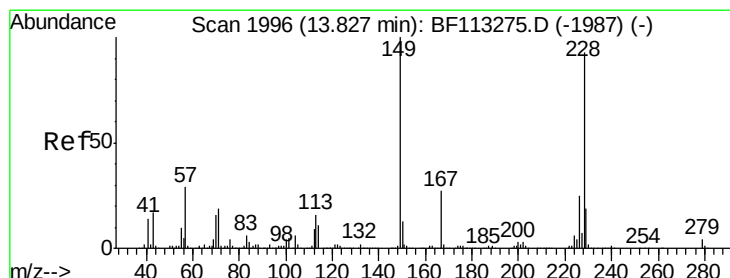
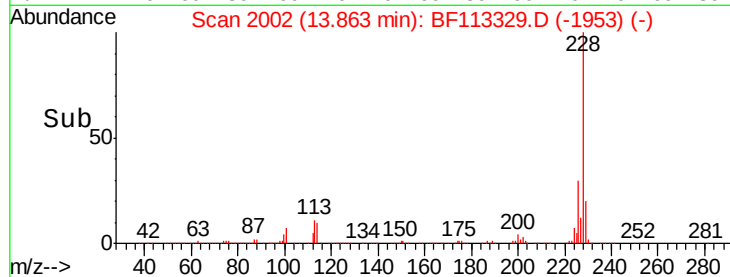
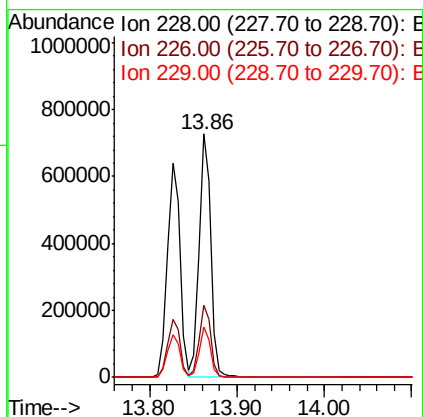
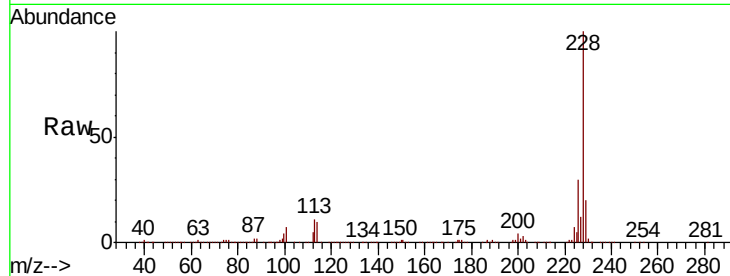




#83  
Chrysene  
Concen: 29.768 ng  
RT: 13.86 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

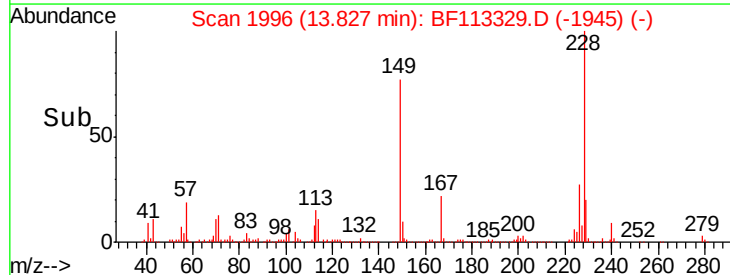
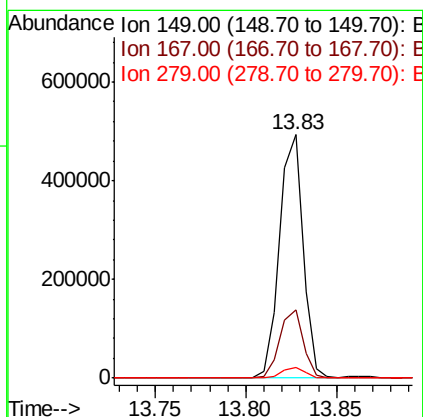
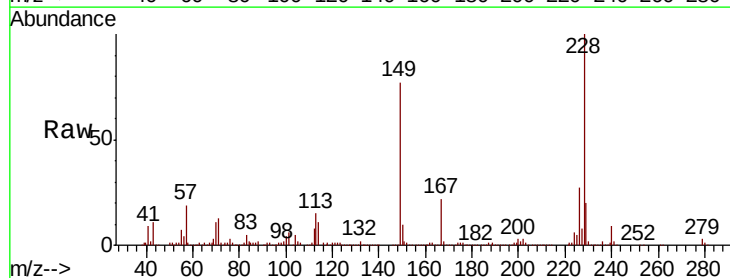
Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

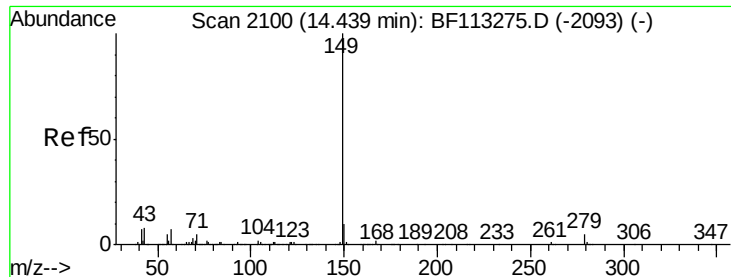
Tgt Ion: 228 Resp: 678541  
Ion Ratio Lower Upper  
228 100  
226 29.7 24.3 36.5  
229 20.5 16.3 24.5



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 30.523 ng  
RT: 13.83 min Scan# 1996  
Delta R.T. 0.00 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion: 149 Resp: 448004  
Ion Ratio Lower Upper  
149 100  
167 27.9 21.8 32.8  
279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 27.865 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

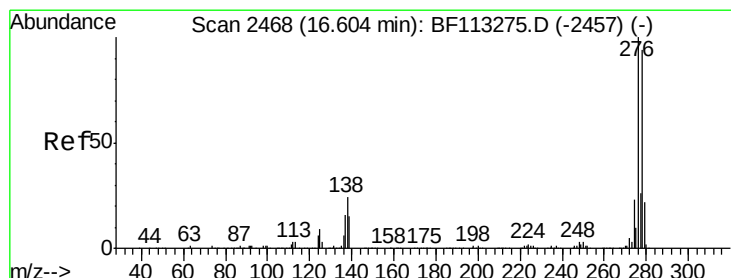
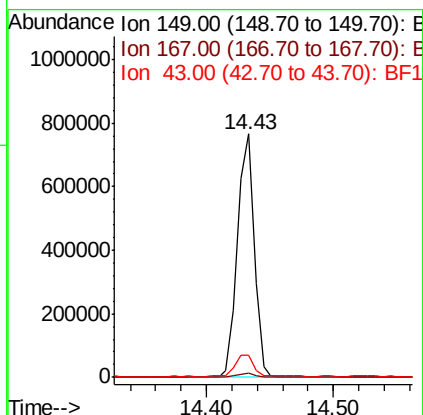
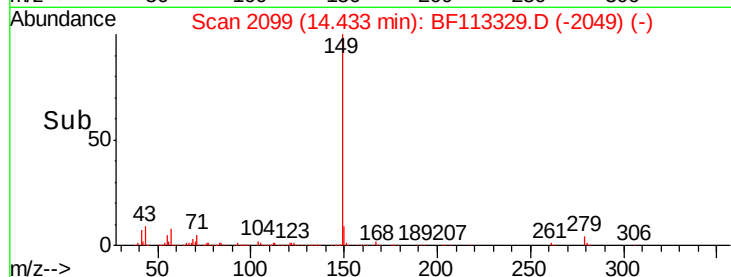
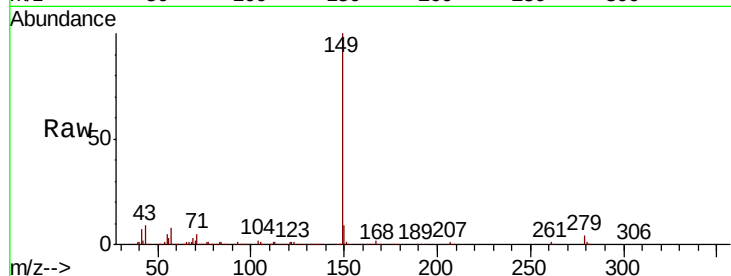
Tgt Ion:149 Resp: 694251

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 7.7 11.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.910 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

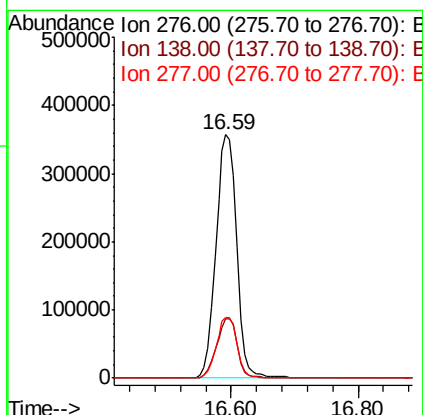
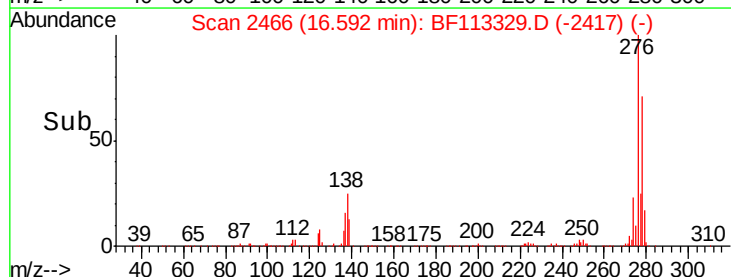
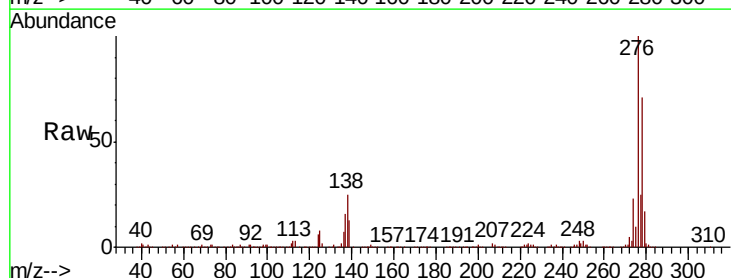
Tgt Ion:276 Resp: 819866

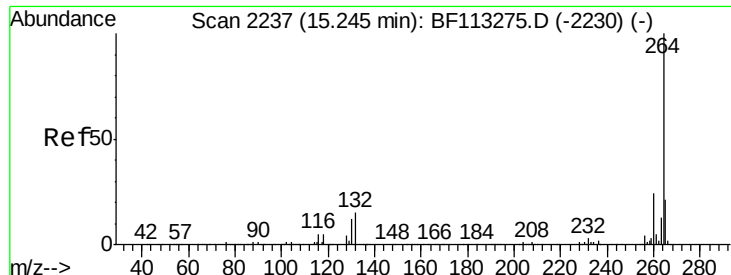
Ion Ratio Lower Upper

276 100

138 24.4 18.1 27.1

277 25.1 20.2 30.4

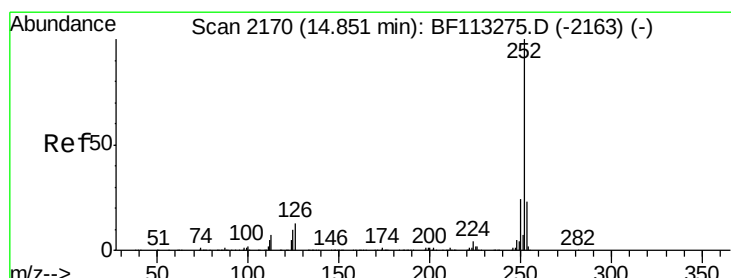
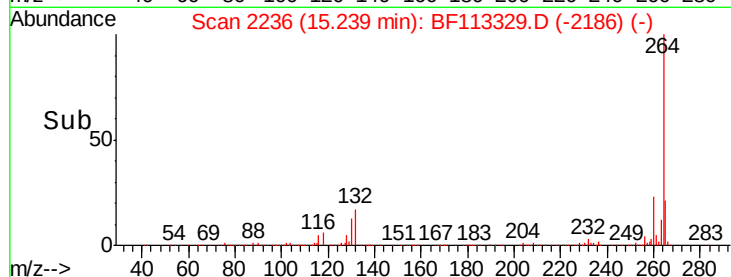
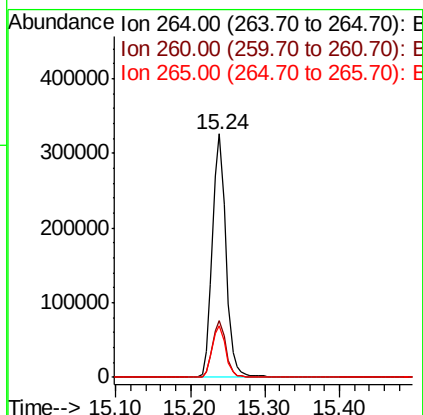
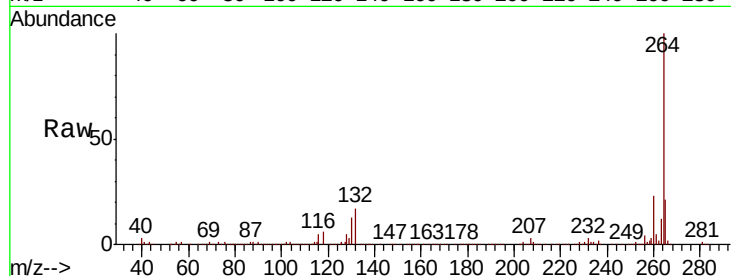




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

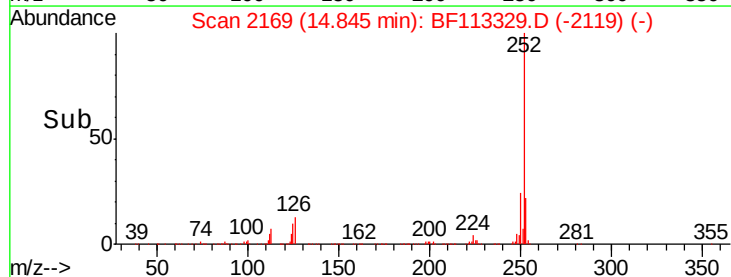
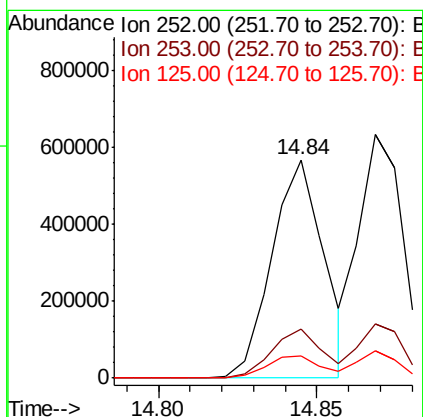
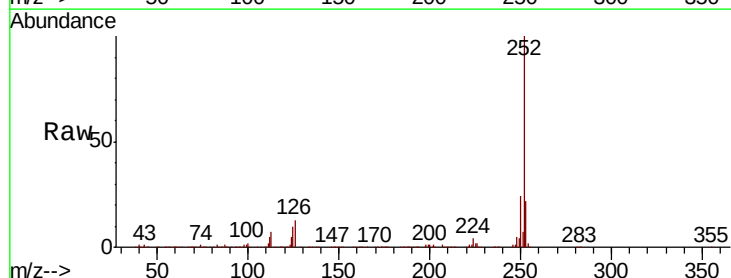
Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:264 Resp: 411176  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.1 28.7  
265 21.3 17.1 25.7

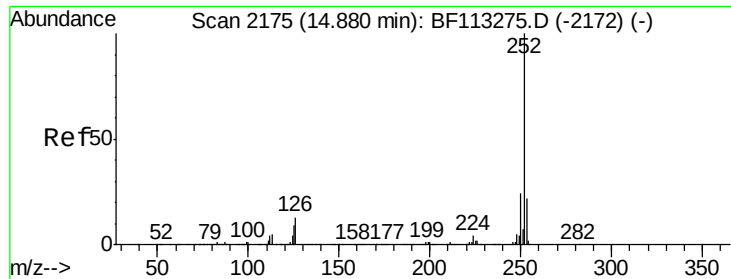


#88  
Benzo(b)fluoranthene  
Concen: 25.364 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:252 Resp: 647847  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.0 27.0  
125 10.3 7.6 11.4



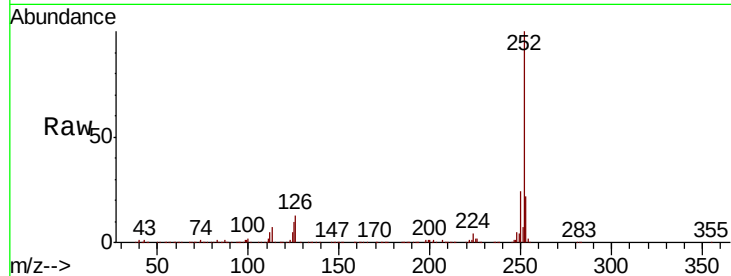




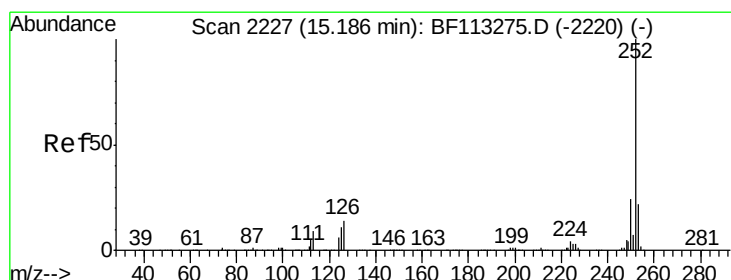
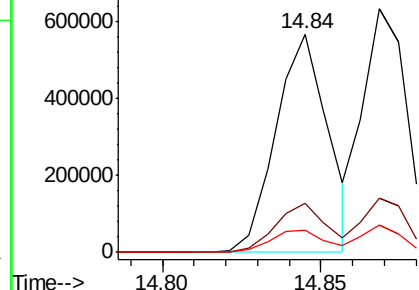
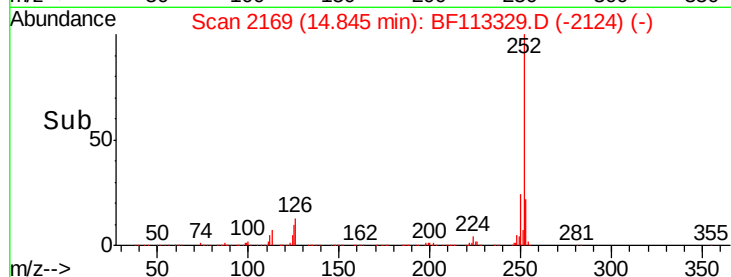
#89  
Benzo(k)fluoranthene  
Concen: 28.882 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.04 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TT-001-IDWSO-20190325MS

Tgt Ion:252 Resp: 647847  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 10.3 7.3 10.9

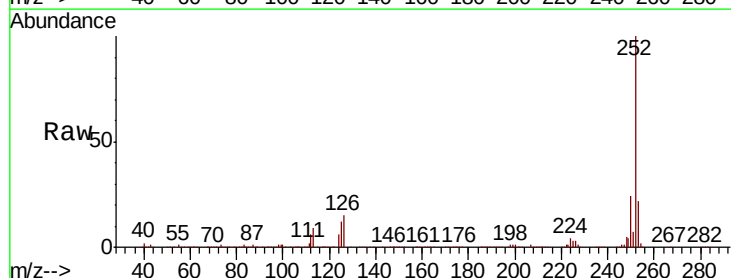


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

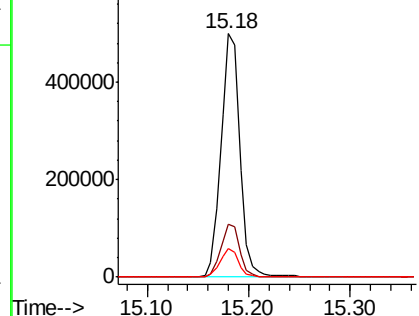
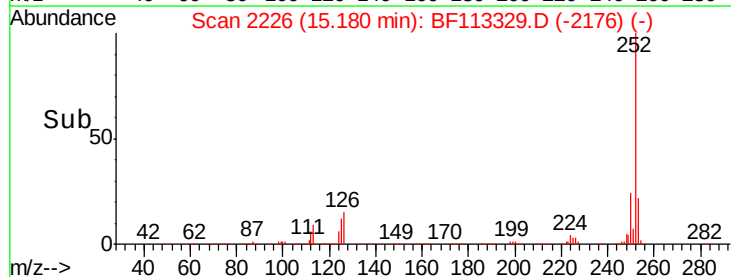


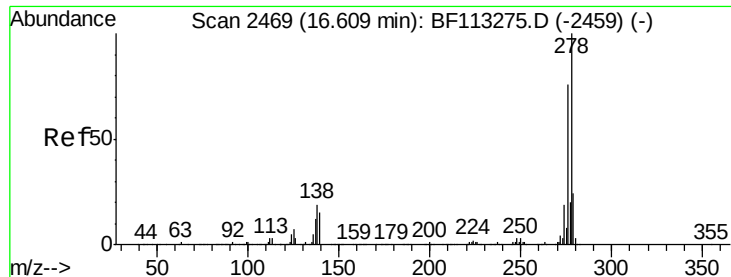
#90  
Benzo(a)pyrene  
Concen: 28.655 ng  
RT: 15.18 min Scan# 2226  
Delta R.T. -0.01 min  
Lab File: BF113329.D  
Acq: 27 Mar 2019 14:25

Tgt Ion:252 Resp: 648870  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.9 26.9  
125 11.7 8.8 13.2



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: 35.318 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA\_F

ClientSampleId :

TT-001-IDWSO-20190325MS

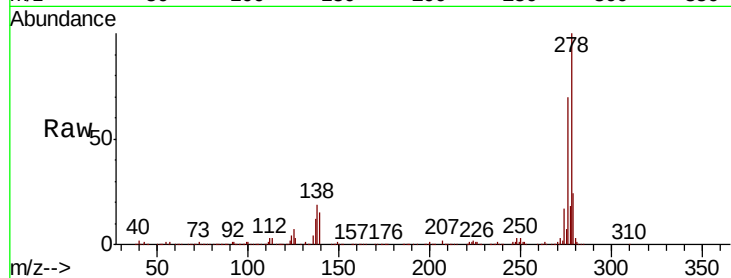
Tgt Ion:278 Resp: 691511

Ion Ratio Lower Upper

278 100

139 15.0 12.0 18.0

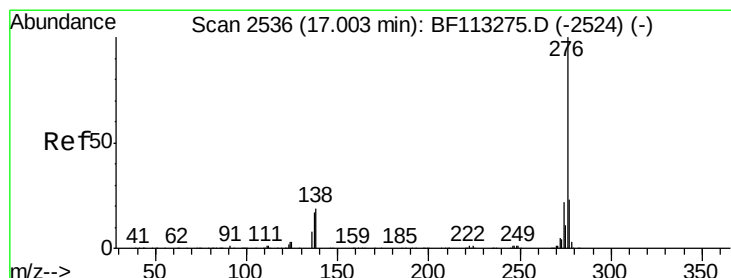
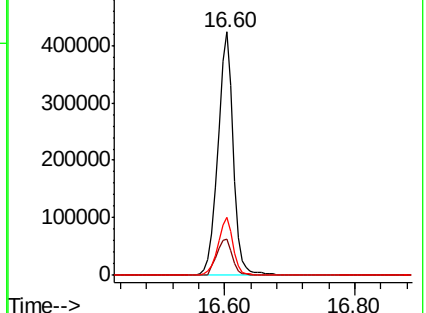
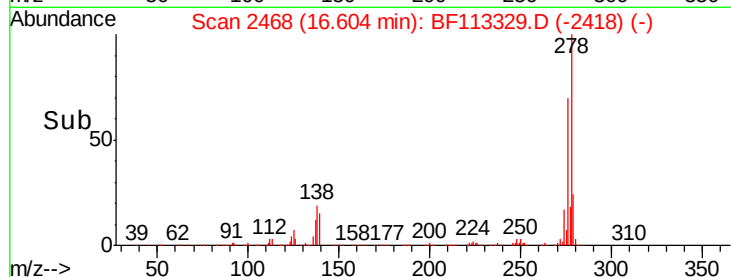
279 23.7 19.0 28.6



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: 35.598 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

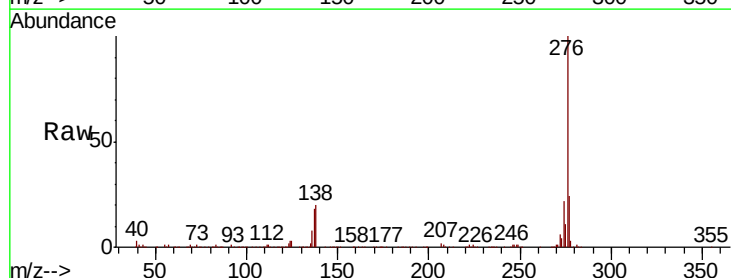
Tgt Ion:276 Resp: 702764

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.4 15.6 23.4



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

