

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121516\  
 Data File : BF091628.D  
 Acq On : 15 Dec 2016 15:09  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 16 00:09:08 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 09 19:00:21 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 296903   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.08  | 136  | 1197809  | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.82  | 164  | 591420   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.31 | 188  | 993459   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.94 | 240  | 664462   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.35 | 264  | 591216   | 20.00 | ng    | -0.03    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.38  | 112 | 1345319 | 76.34 | ng | -0.03 |
| 7) Phenol-d6                | 6.43  | 99  | 1769099 | 80.52 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 7.36  | 82  | 1690228 | 78.76 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.61 | 330 | 386075  | 78.59 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 9.15  | 172 | 2421333 | 70.74 | ng | -0.03 |
| 78) Terphenyl-d14           | 12.90 | 244 | 2390572 | 81.64 | ng | -0.02 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.33 | 88  | 369025  | 39.68 | ng | # 84   |
| 3) Pyridine                    | 3.02 | 79  | 993160  | 40.08 | ng | # 81   |
| 4) n-Nitrosodimethylamine      | 2.98 | 42  | 408534  | 38.37 | ng | # 57   |
| 6) Aniline                     | 6.45 | 93  | 1177445 | 40.88 | ng | # 64   |
| 8) 2-Chlorophenol              | 6.57 | 128 | 784420  | 39.44 | ng | 87     |
| 9) Benzaldehyde                | 6.33 | 77  | 543607  | 35.95 | ng | 85     |
| 10) Phenol                     | 6.44 | 94  | 1006812 | 39.19 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 751889  | 38.96 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 876682  | 40.64 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 880336  | 41.38 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 774298  | 40.38 | ng | 99     |
| 15) Benzyl Alcohol             | 6.93 | 79  | 680731  | 39.24 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 1195177 | 39.97 | ng | 79     |
| 17) 2-Methylphenol             | 7.05 | 107 | 677199  | 41.15 | ng | # 76   |
| 18) Hexachloroethane           | 7.30 | 117 | 322814  | 38.88 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 525121  | 38.22 | ng | # 82   |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 750141  | 41.99 | ng | # 77   |
| 22) Acetophenone               | 7.20 | 105 | 1129333 | 39.35 | ng | # 95   |
| 24) Nitrobenzene               | 7.37 | 77  | 848184  | 37.41 | ng | 94     |
| 25) Isophorone                 | 7.62 | 82  | 1572273 | 41.21 | ng | 97     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 419146  | 41.88 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 676976  | 38.51 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 862977  | 38.56 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 663726  | 43.40 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 716391  | 41.22 | ng | 97     |
| 31) Naphthalene                | 8.10 | 128 | 2353740 | 42.23 | ng | 100    |
| 32) Benzoic acid               | 7.86 | 122 | 597923  | 47.46 | ng | 93     |
| 33) 4-Chloroaniline            | 8.14 | 127 | 914464  | 38.09 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 358957  | 36.03 | ng | 96     |
| 35) Caprolactam                | 8.52 | 113 | 194081  | 43.46 | ng | # 64   |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 718295  | 41.88 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.78 | 142 | 1372304 | 38.04 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 651192  | 40.14 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237 | 293133  | 40.53 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121516\  
 Data File : BF091628.D  
 Acq On : 15 Dec 2016 15:09  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

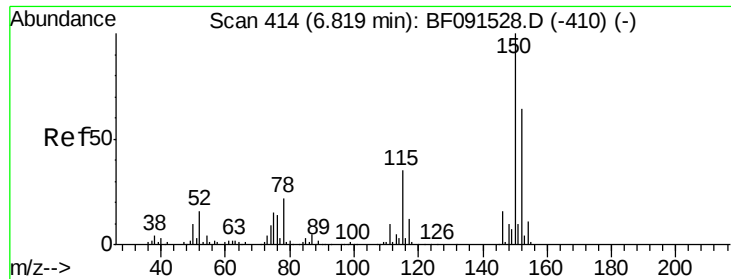
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 16 00:09:08 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF120916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 09 19:00:21 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.07  | 196  | 480159   | 46.07 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.10  | 196  | 421850   | 39.39 | ng    | # 83     |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 1765159  | 41.21 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.28  | 162  | 1337821  | 40.33 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 443672   | 39.77 | ng    | 89       |
| 48) Acenaphthylene             | 9.69  | 152  | 1970016  | 38.96 | ng    | 99       |
| 49) Dimethylphthalate          | 9.56  | 163  | 1633555  | 43.62 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.62  | 165  | 394142   | 47.95 | ng    | # 76     |
| 51) Acenaphthene               | 9.86  | 154  | 1326208  | 37.76 | ng    | 97       |
| 52) 3-Nitroaniline             | 9.79  | 138  | 468050   | 48.48 | ng    | # 75     |
| 53) 2,4-Dinitrophenol          | 9.89  | 184  | 179346   | 46.15 | ng    | # 70     |
| 54) Dibenzofuran               | 10.03 | 168  | 1667089  | 38.37 | ng    | 100      |
| 55) 4-Nitrophenol              | 9.95  | 139  | 306494   | 42.67 | ng    | 87       |
| 56) 2,4-Dinitrotoluene         | 10.02 | 165  | 493697   | 47.92 | ng    | # 81     |
| 57) Fluorene                   | 10.37 | 166  | 1268906  | 40.35 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 387393   | 46.20 | ng    | 98       |
| 59) Diethylphthalate           | 10.26 | 149  | 1556284  | 43.16 | ng    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 613385   | 39.26 | ng    | 100      |
| 61) 4-Nitroaniline             | 10.40 | 138  | 410068   | 42.74 | ng    | 94       |
| 62) Azobenzene                 | 10.53 | 77   | 1743275  | 42.66 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 270645   | 45.05 | ng    | # 38     |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 1157726  | 39.09 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.85 | 248  | 395649   | 38.84 | ng    | 93       |
| 67) Hexachlorobenzene          | 10.92 | 284  | 428335   | 40.44 | ng    | # 85     |
| 68) Atrazine                   | 11.01 | 200  | 376777   | 39.56 | ng    | 98       |
| 69) Pentachlorophenol          | 11.12 | 266  | 259968   | 43.62 | ng    | 94       |
| 70) Phenanthrene               | 11.33 | 178  | 2059871  | 41.87 | ng    | 98       |
| 71) Anthracene                 | 11.38 | 178  | 2031091  | 38.28 | ng    | 99       |
| 72) Carbazole                  | 11.54 | 167  | 1830984  | 39.37 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.88 | 149  | 2363492  | 43.61 | ng    | 99       |
| 74) Fluoranthene               | 12.52 | 202  | 2134068  | 41.43 | ng    | 97       |
| 76) Benzidine                  | 12.64 | 184  | 717605   | 34.93 | ng    | 99       |
| 77) Pyrene                     | 12.74 | 202  | 2143767  | 40.67 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.37 | 149  | 904034   | 43.99 | ng    | 91       |
| 80) Benzo(a)anthracene         | 13.93 | 228  | 1579483  | 40.93 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.89 | 252  | 581146   | 41.94 | ng    | # 97     |
| 82) Chrysene                   | 13.96 | 228  | 1624544  | 40.24 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 1091673  | 41.41 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 14.55 | 149  | 1979086  | 44.23 | ng    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.71 | 276  | 1399693  | 38.53 | ng    | 98       |
| 87) Benzo(h)fluoranthene       | 14.98 | 252  | 2870411  | 81.44 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 14.98 | 252  | 2870411  | 92.63 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 15.29 | 252  | 1322530  | 41.65 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.72 | 278  | 1183064  | 41.59 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.12 | 276  | 1230424  | 42.51 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

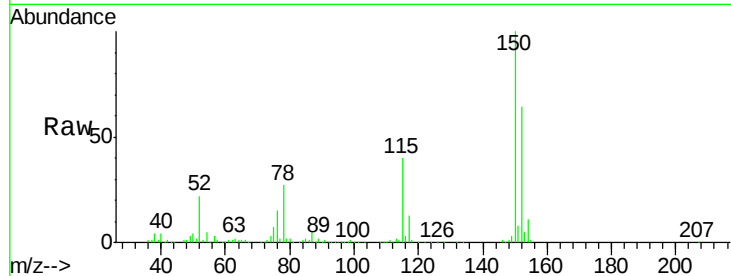
Tgt Ion:152 Resp: 296903

Ion Ratio Lower Upper

152 100

150 156.5 122.5 183.7

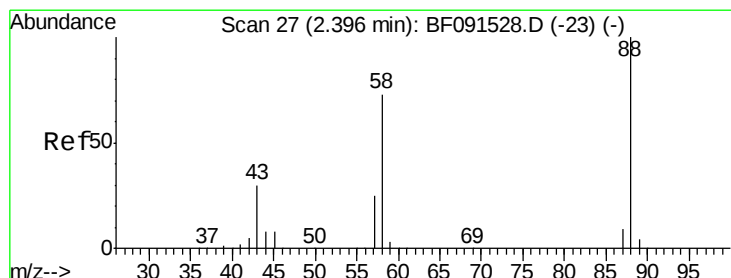
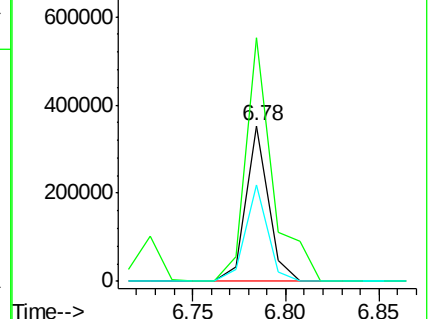
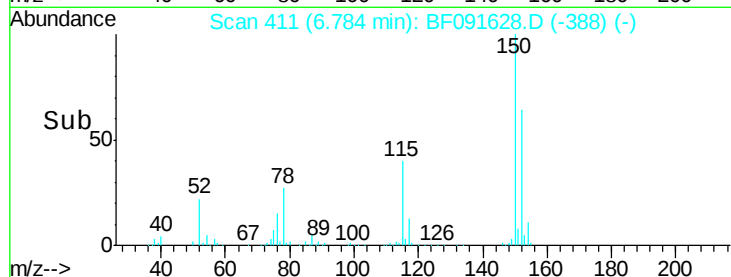
115 62.0 51.8 77.8



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: 39.68 ng

RT: 2.33 min Scan# 21

Delta R.T. -0.07 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

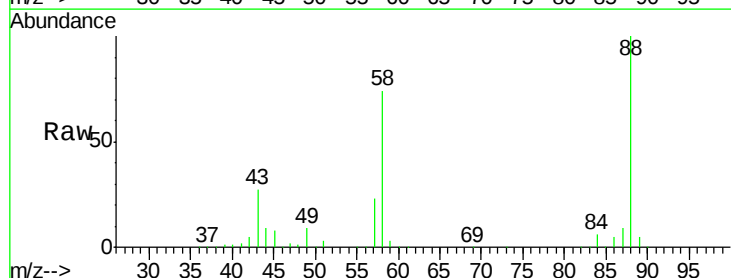
Tgt Ion: 88 Resp: 369025

Ion Ratio Lower Upper

88 100

58 74.3 70.3 105.5

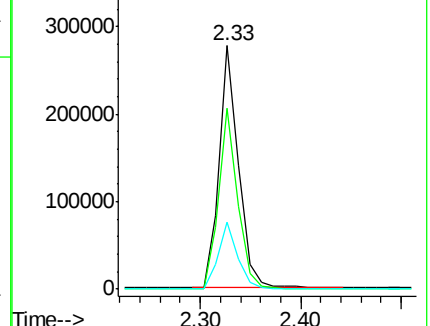
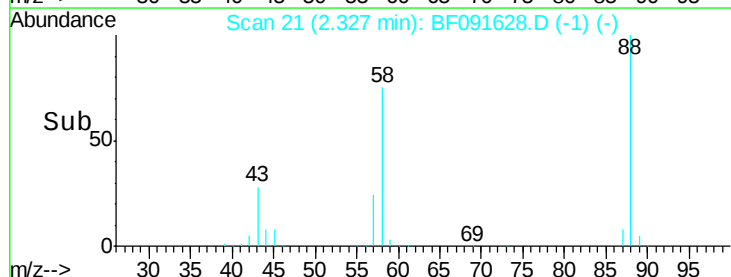
43 28.3 31.3 46.9#

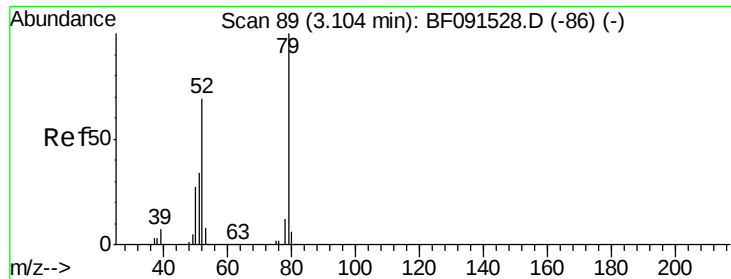


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.08 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.08 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

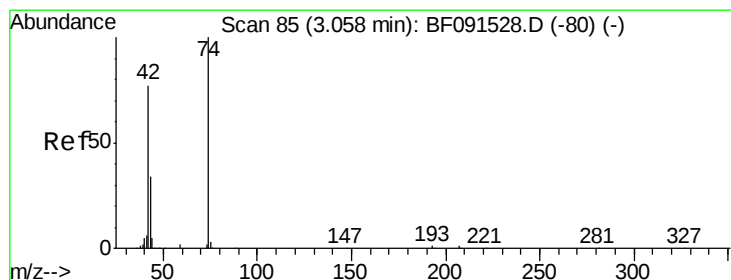
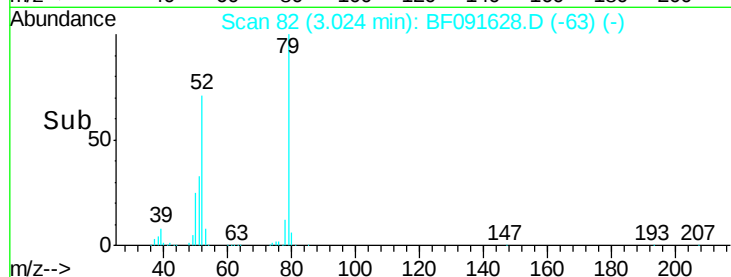
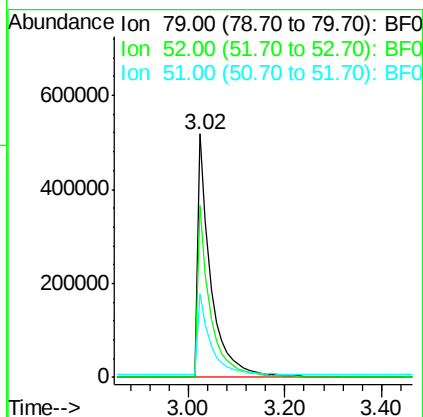
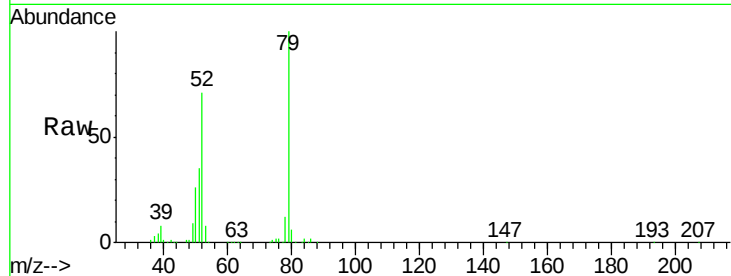
Tgt Ion: 79 Resp: 993160

Ion Ratio Lower Upper

79 100

52 70.8 71.0 106.4#

51 34.5 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 38.37 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.08 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

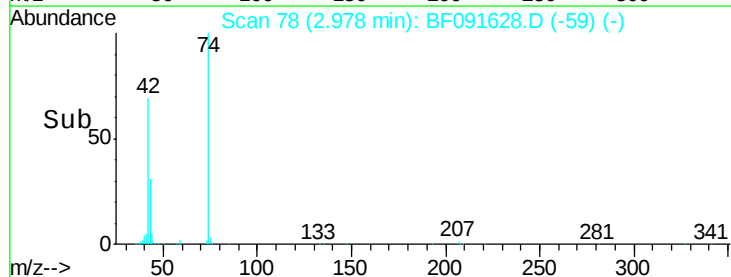
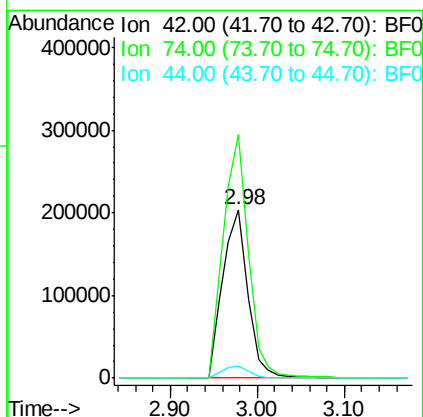
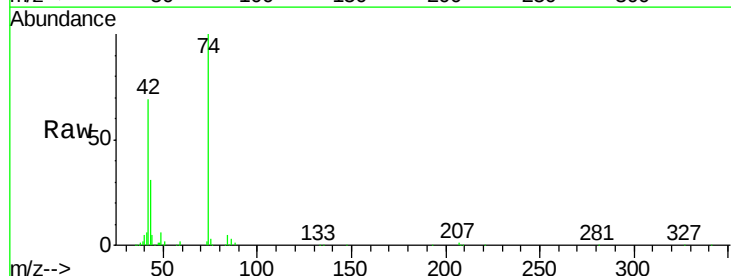
Tgt Ion: 42 Resp: 408534

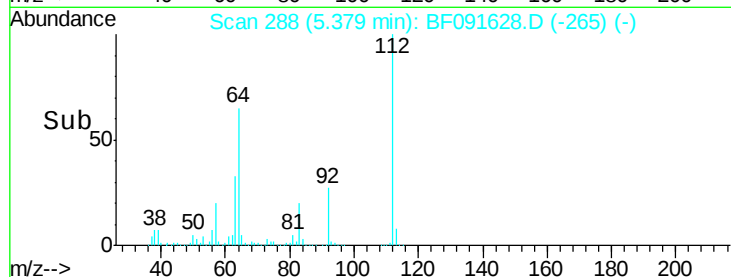
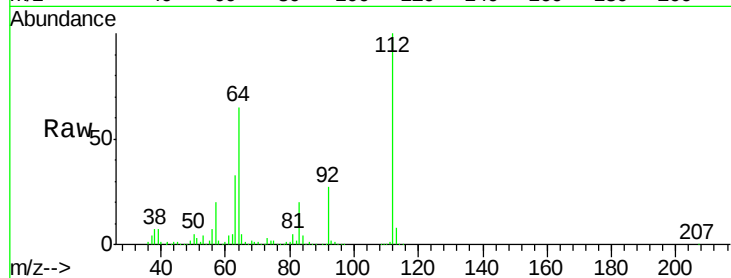
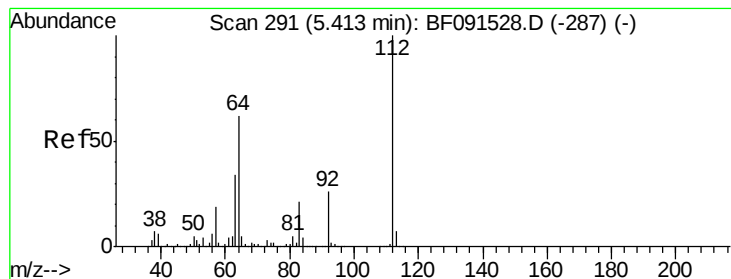
Ion Ratio Lower Upper

42 100

74 144.8 78.9 118.3#

44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 76.34 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

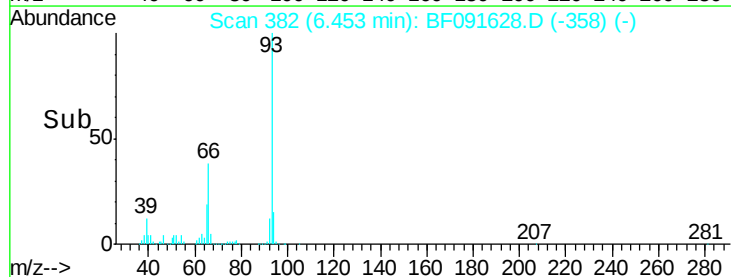
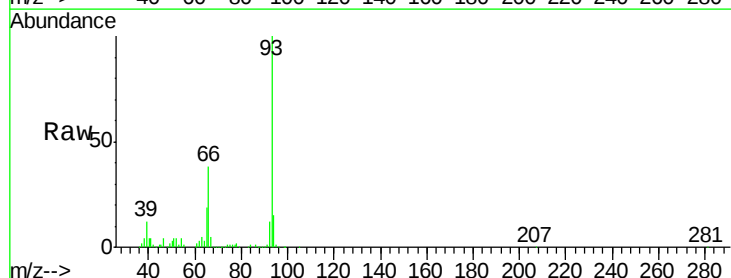
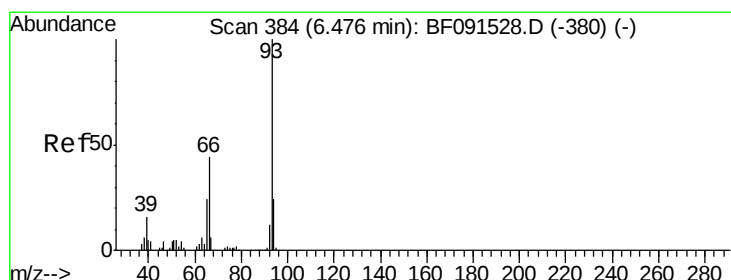
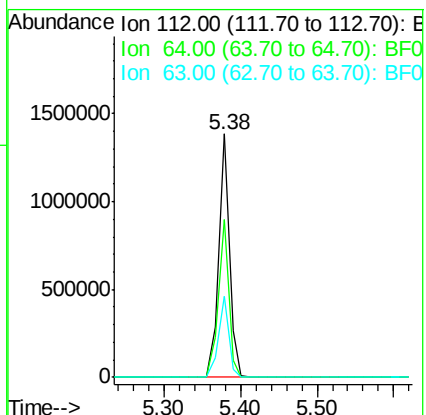
Tgt Ion: 112 Resp: 1345319

Ion Ratio Lower Upper

112 100

64 64.9 61.5 92.3

63 33.5 33.3 49.9



#6

Aniline

Concen: 40.88 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

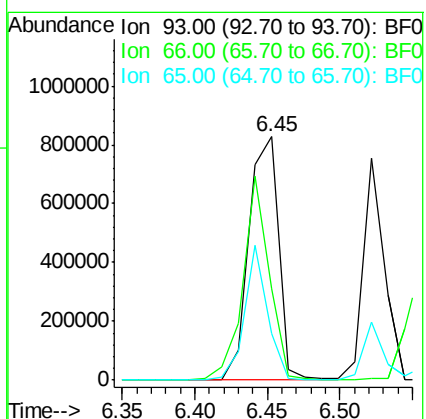
Tgt Ion: 93 Resp: 1177445

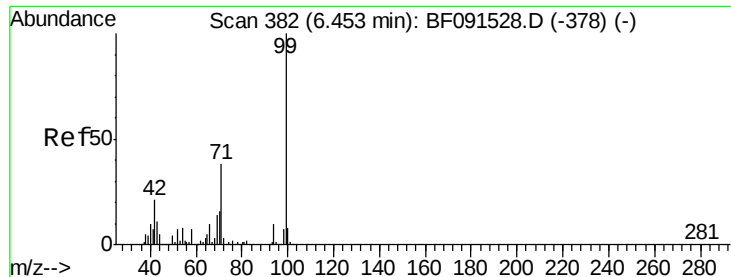
Ion Ratio Lower Upper

93 100

66 37.7 55.8 83.6#

65 19.0 29.9 44.9#





#7

Phenol-d6

Concen: 80.52 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

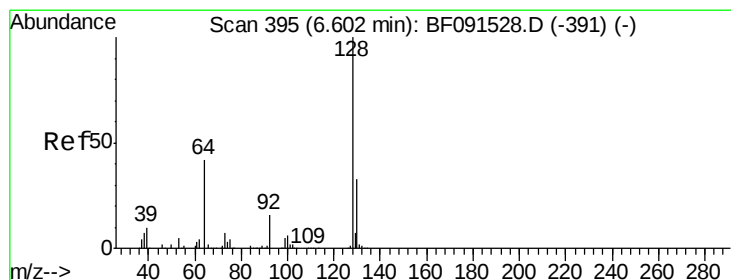
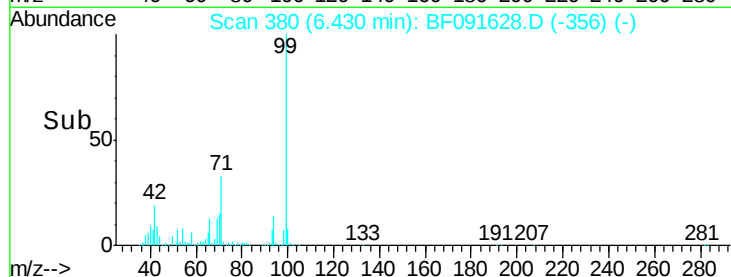
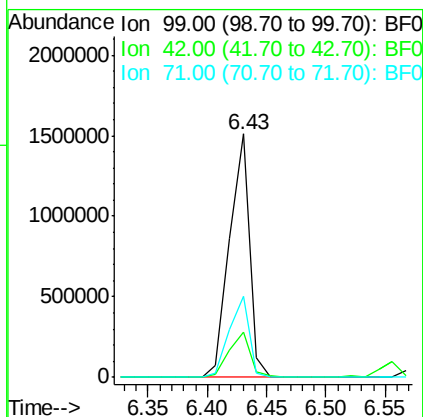
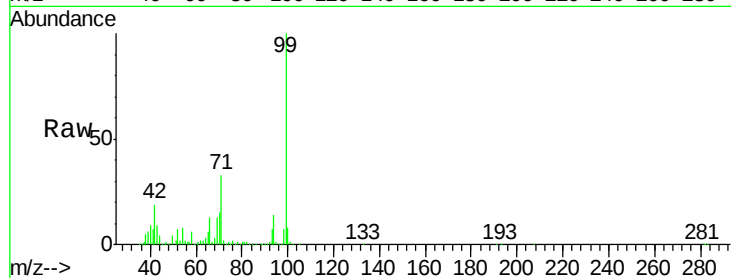
Tgt Ion: 99 Resp: 1769099

Ion Ratio Lower Upper

99 100

42 18.6 20.6 31.0#

71 33.1 29.9 44.9



#8

2-Chlorophenol

Concen: 39.44 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

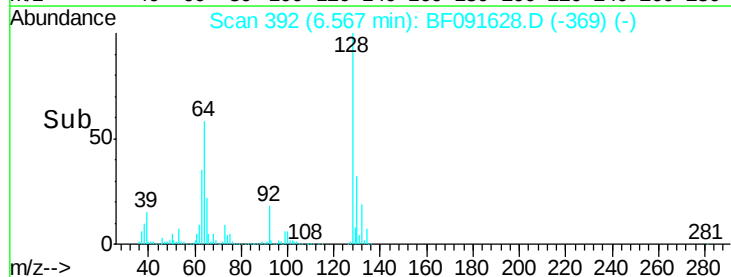
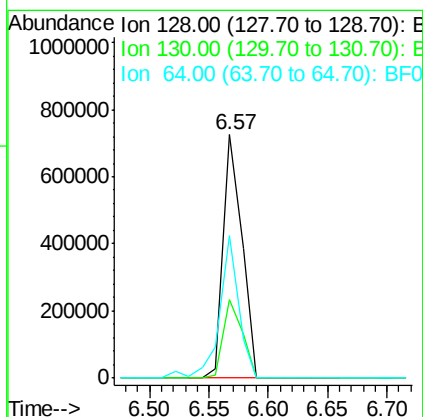
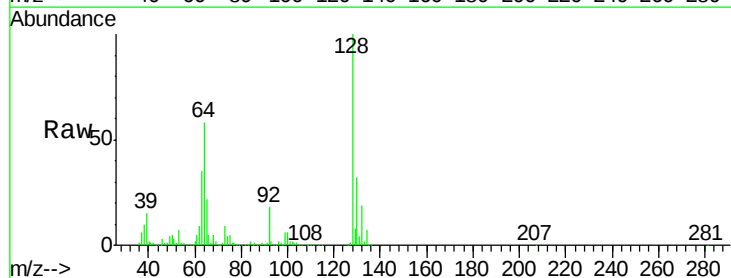
Tgt Ion: 128 Resp: 784420

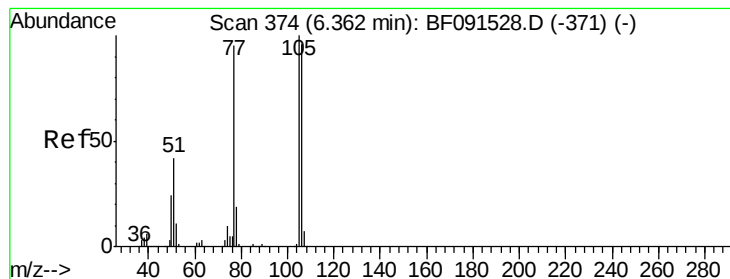
Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

64 58.3 24.1 64.1





#9

Benzaldehyde

Concen: 35.95 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

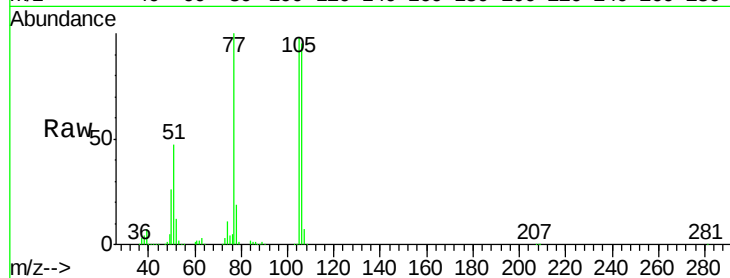
Tgt Ion: 77 Resp: 543607

Ion Ratio Lower Upper

77 100

105 98.5 66.4 106.4

106 95.4 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0

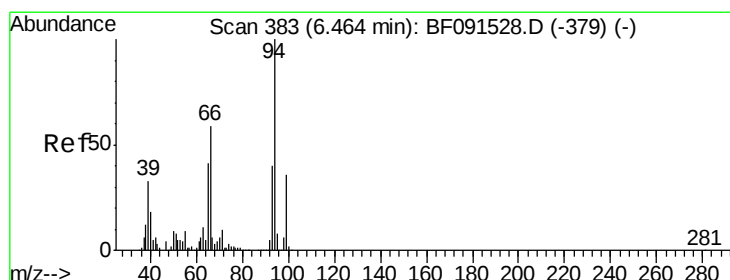
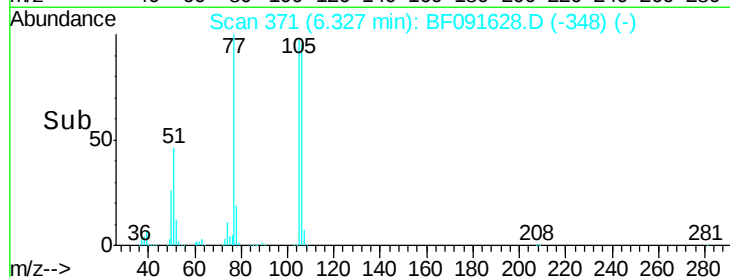
6.33

400000

200000

0

Time-->



#10

Phenol

Concen: 39.19 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

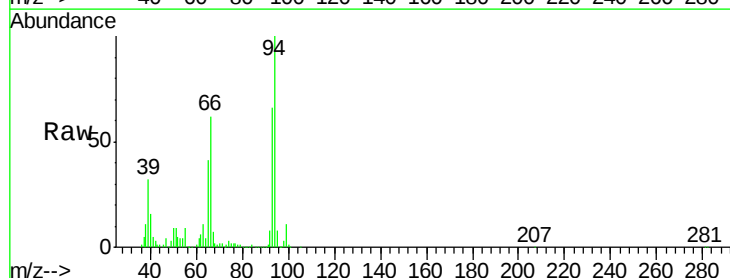
Tgt Ion: 94 Resp: 1006812

Ion Ratio Lower Upper

94 100

65 41.1 16.9 56.9

66 62.2 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0

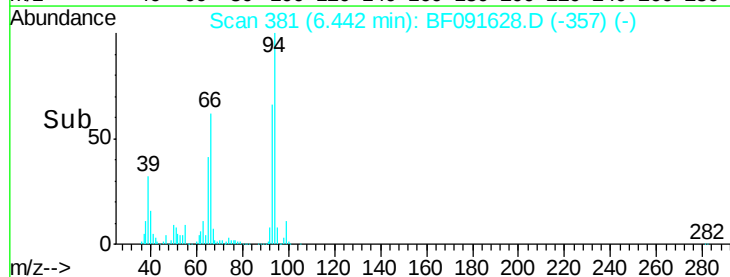
6.44

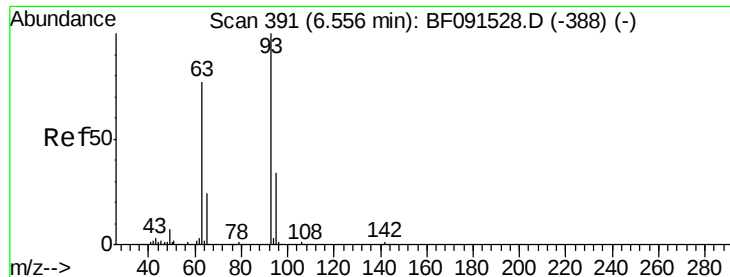
1000000

500000

0

Time-->

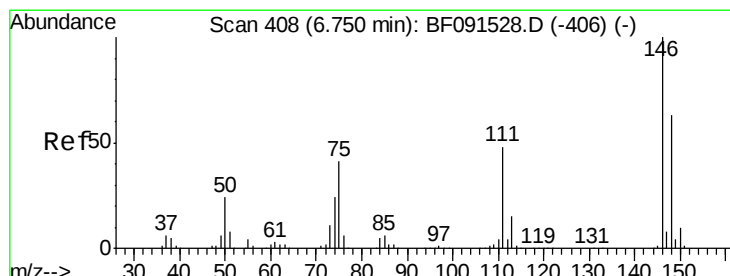
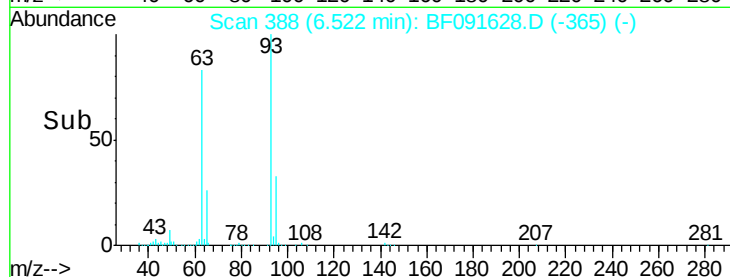
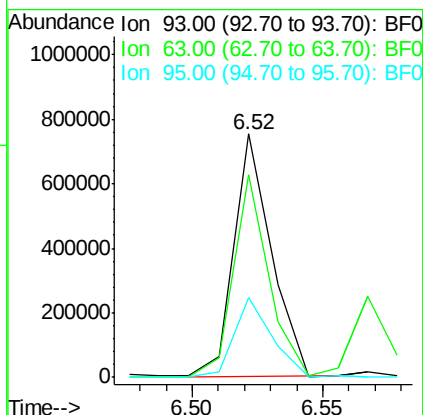
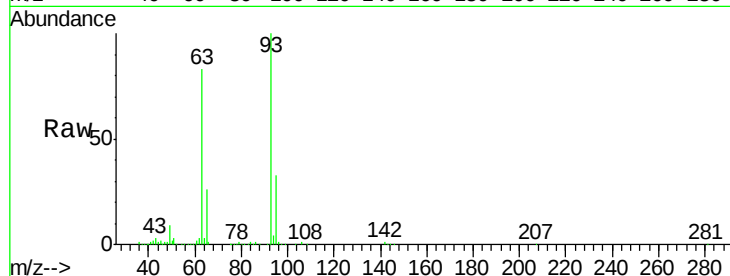




#11  
bis(2-Chloroethyl)ether  
Concen: 38.96 ng  
RT: 6.52 min Scan# 388  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

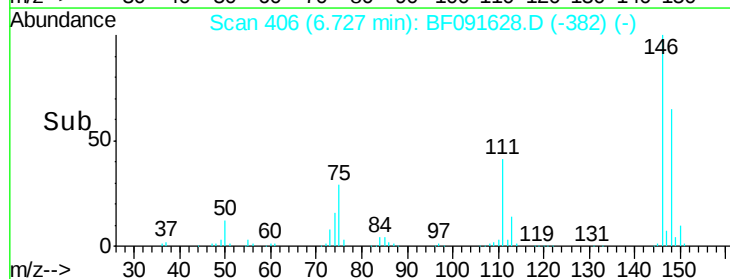
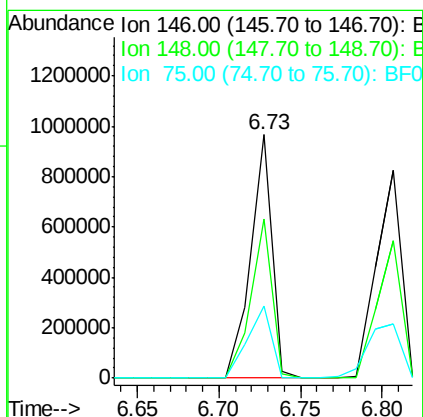
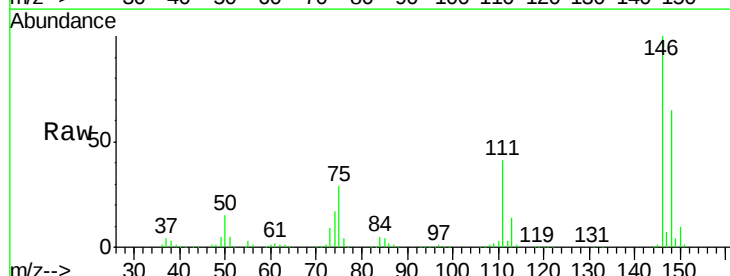
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

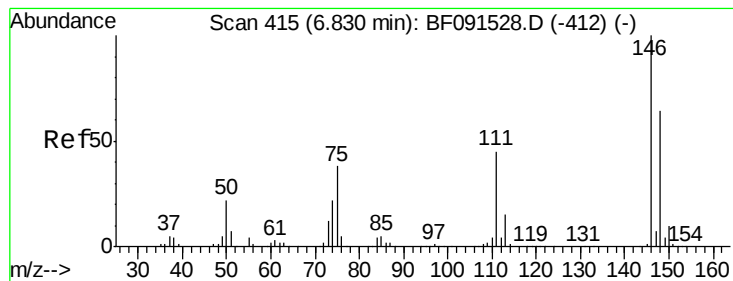
Tgt Ion: 93 Resp: 751889  
Ion Ratio Lower Upper  
93 100  
63 83.0 74.8 114.8  
95 32.9 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 40.64 ng  
RT: 6.73 min Scan# 406  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion: 146 Resp: 876682  
Ion Ratio Lower Upper  
146 100  
148 65.2 51.4 77.0  
75 29.4 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 41.38 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

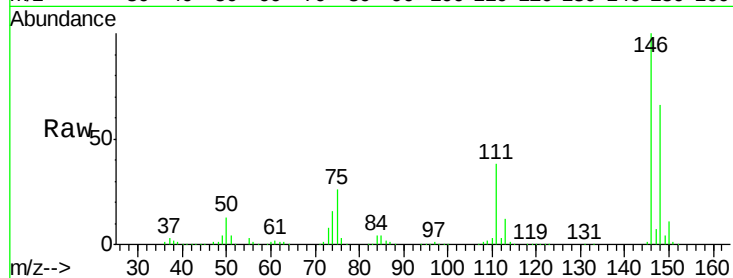
Tgt Ion:146 Resp: 880336

Ion Ratio Lower Upper

146 100

148 66.0 51.4 77.0

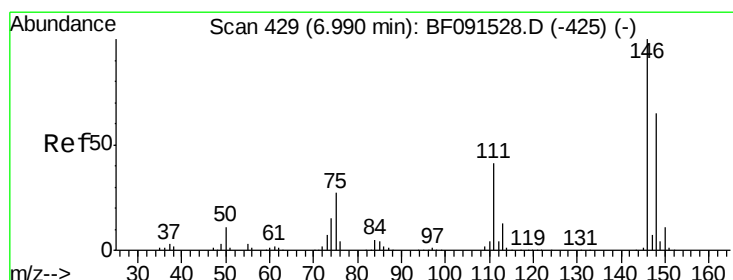
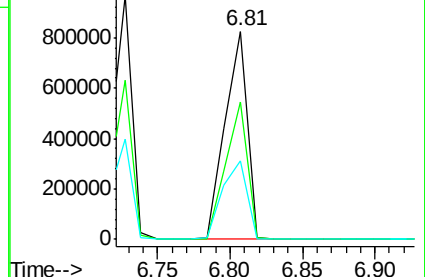
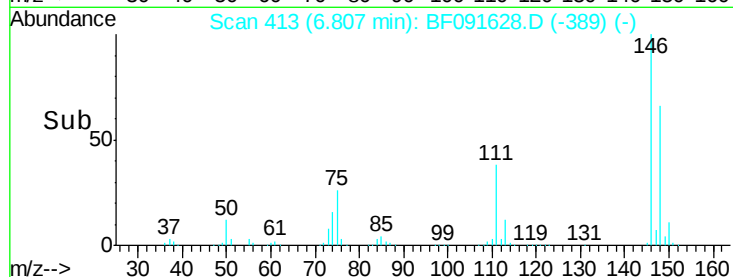
111 37.7 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.38 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

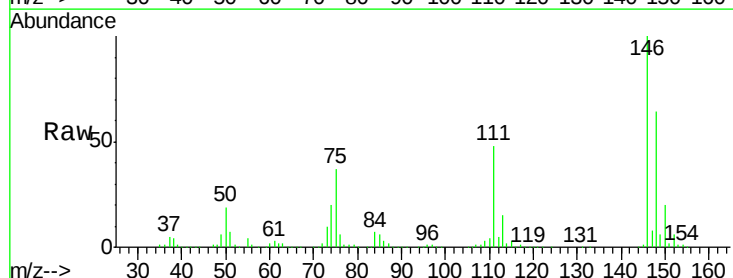
Tgt Ion:146 Resp: 774298

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

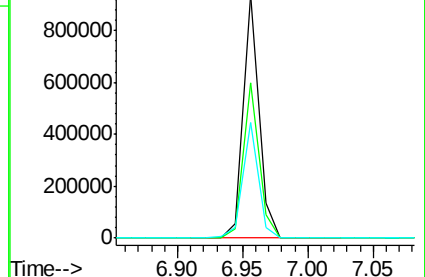
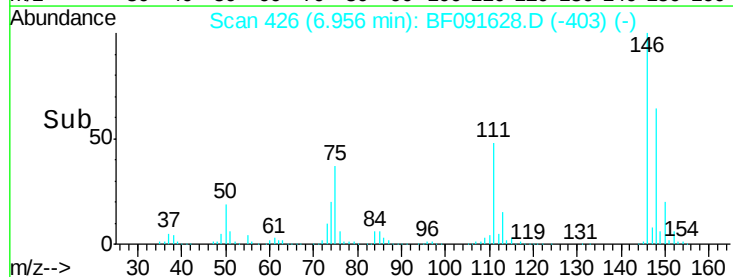
111 47.6 38.9 58.3

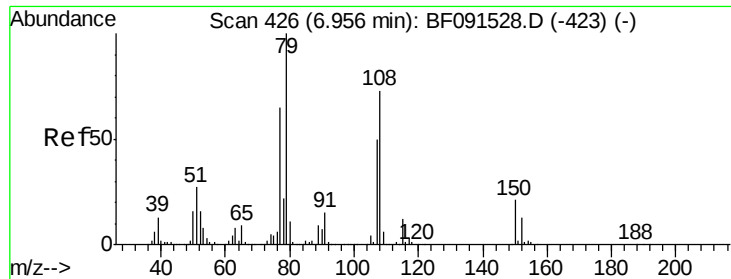


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.24 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

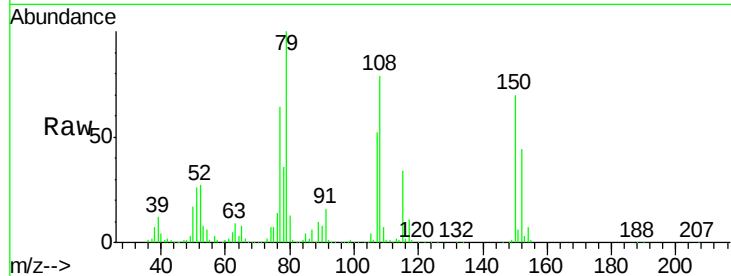
Tgt Ion: 79 Resp: 680731

Ion Ratio Lower Upper

79 100

108 78.6 62.7 94.1

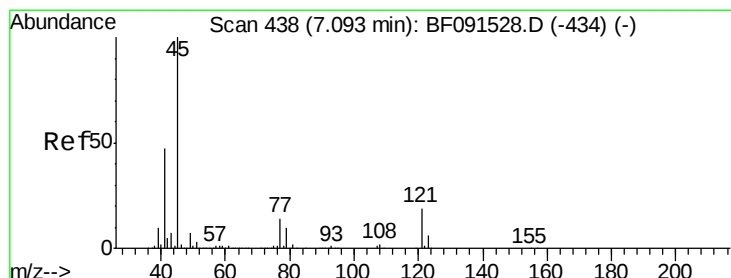
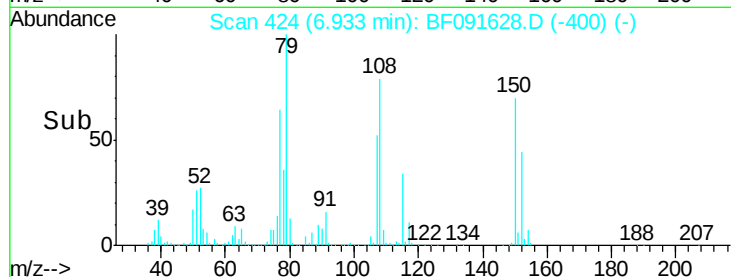
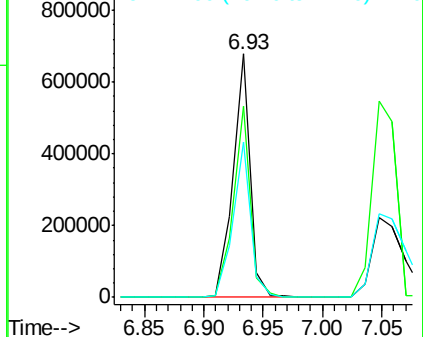
77 63.6 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.97 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

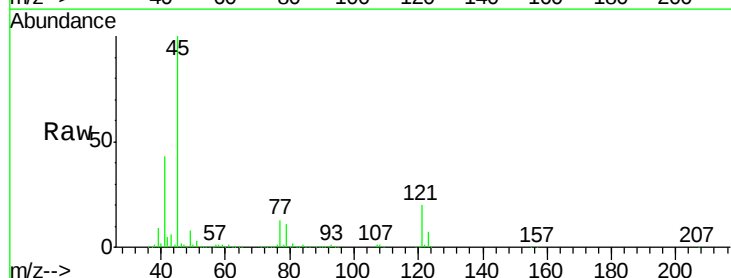
Tgt Ion: 45 Resp: 1195177

Ion Ratio Lower Upper

45 100

77 13.5 3.8 43.8

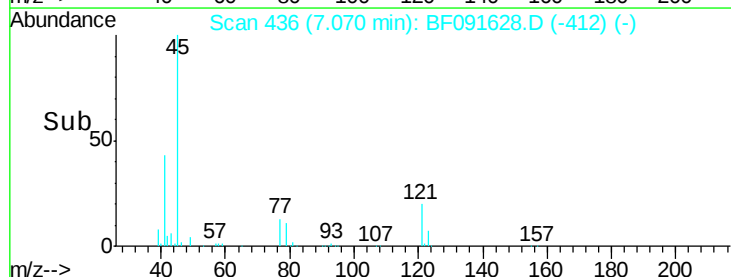
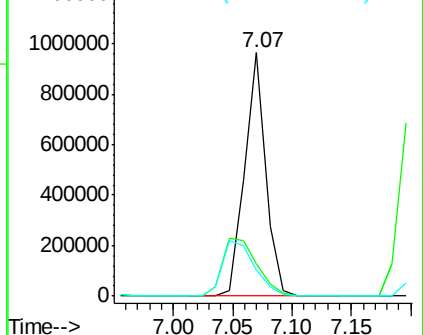
79 10.6 0.2 40.2

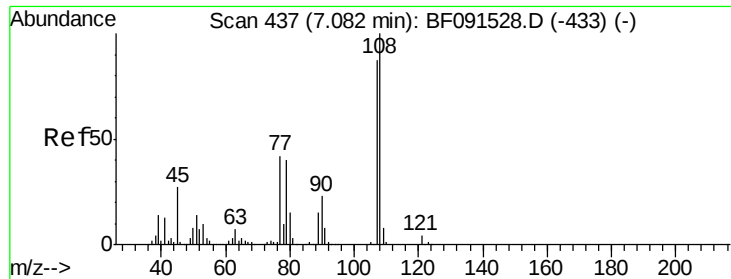


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

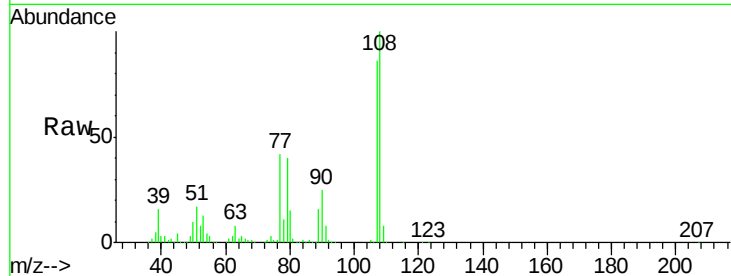




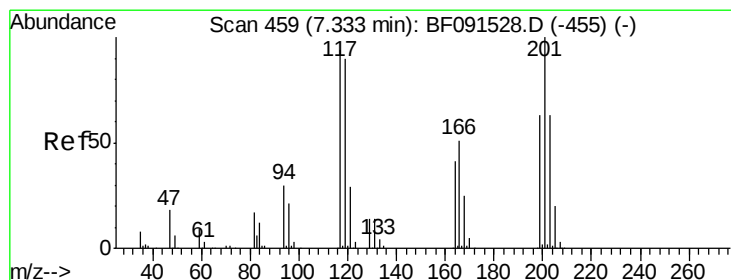
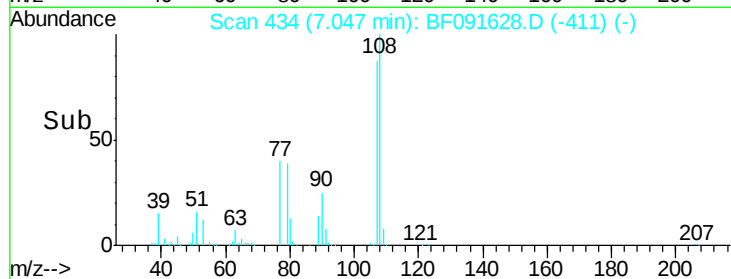
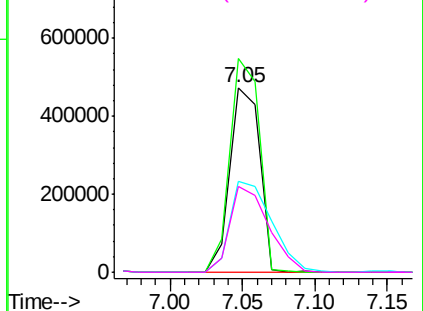
#17  
2-Methylphenol  
Concen: 41.15 ng  
RT: 7.05 min Scan# 434  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 677199  
Ion Ratio Lower Upper  
107 100  
108 115.7 67.7 101.5#  
77 48.9 40.7 61.1  
79 46.7 23.4 35.2#

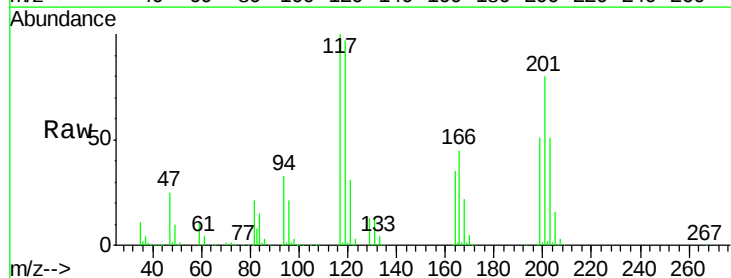


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

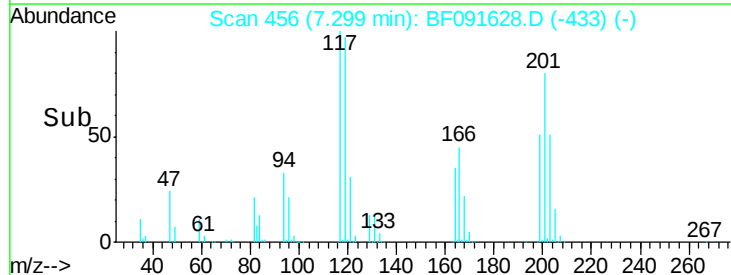
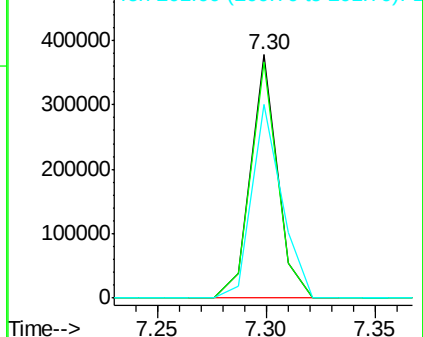


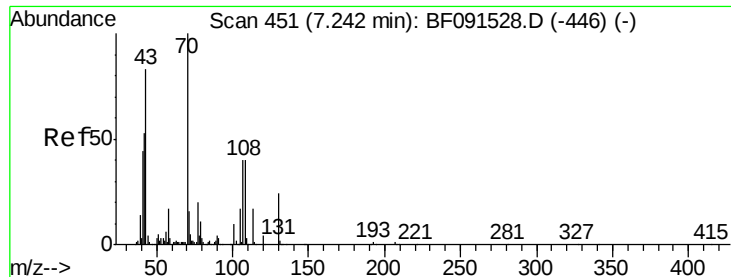
#18  
Hexachloroethane  
Concen: 38.88 ng  
RT: 7.30 min Scan# 456  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion:117 Resp: 322814  
Ion Ratio Lower Upper  
117 100  
119 96.7 78.6 118.0  
201 79.7 86.7 130.1#



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

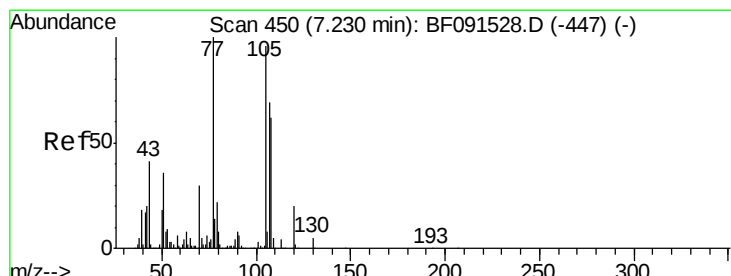
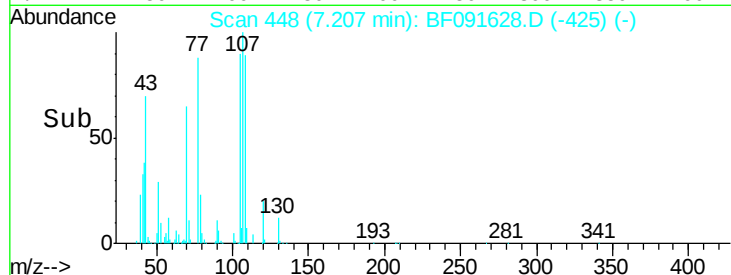
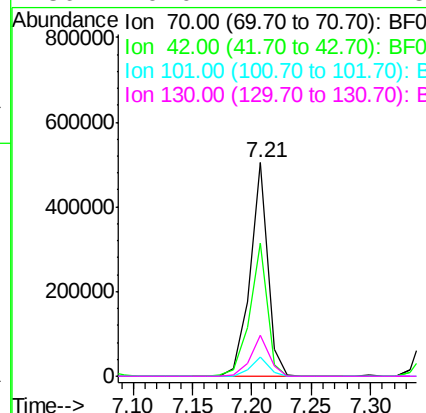
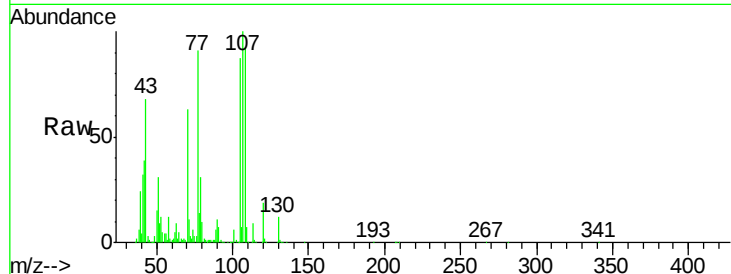




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.22 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

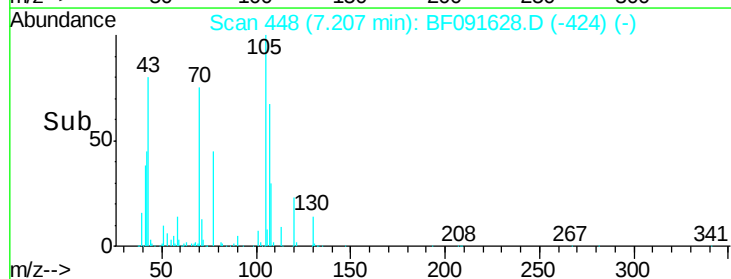
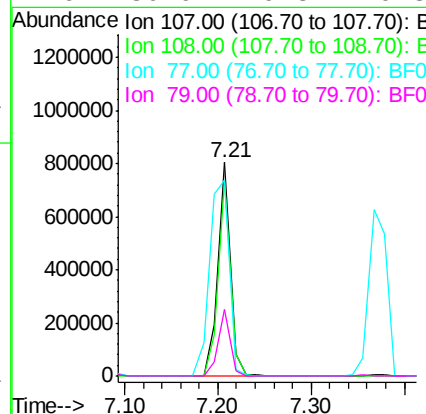
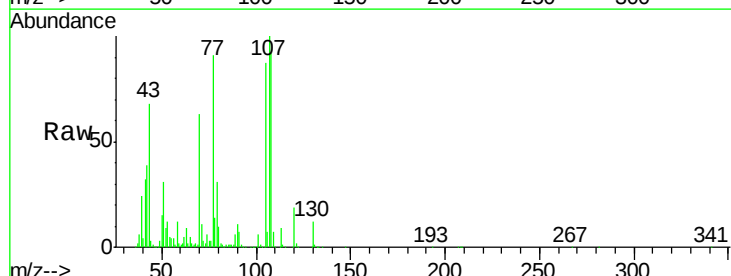
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

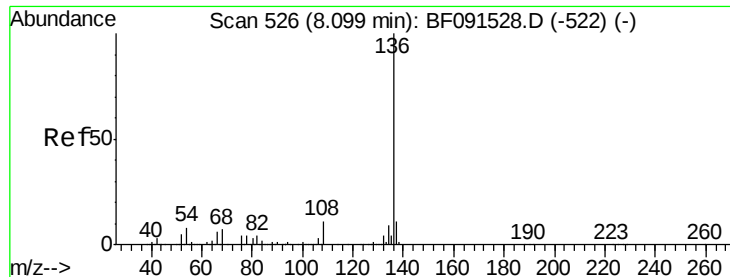
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 525121 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 62.1  | 64.8  | 97.2#  |
| 101      | 9.0   | 6.2   | 9.4    |
| 130      | 19.0  | 11.7  | 17.5#  |



#20  
3+4-Methylphenols  
Concen: 41.99 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 750141 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.8  | 64.6  | 104.6  |
| 77       | 91.4  | 30.9  | 70.9#  |
| 79       | 30.9  | 9.3   | 49.3   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1197809

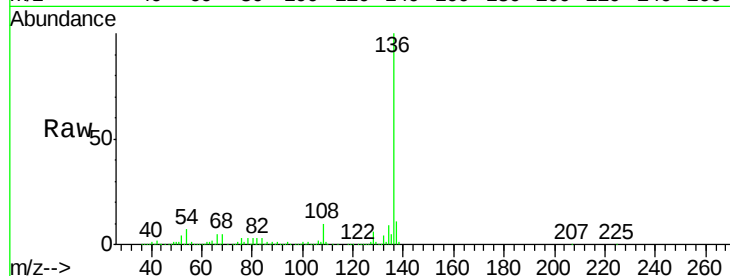
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.6 9.1 13.7#

68 5.5 5.9 8.9#

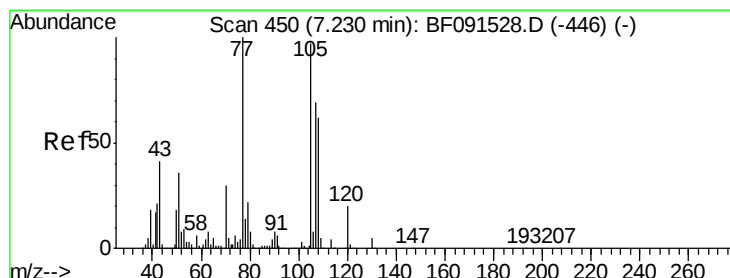
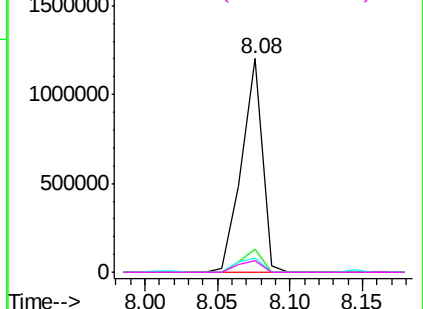
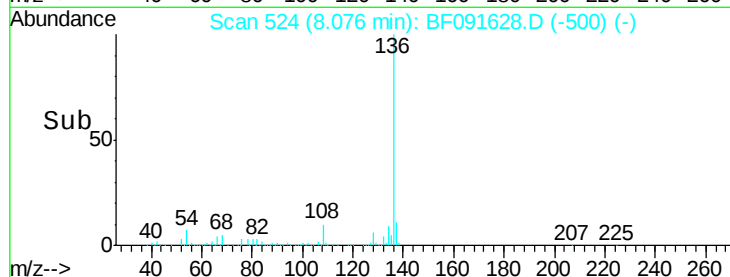


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.35 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Tgt Ion:105 Resp: 1129333

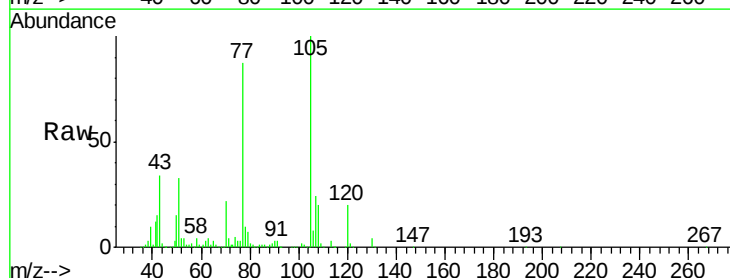
Ion Ratio Lower Upper

105 100

71 3.8 7.9 11.9#

51 33.1 24.5 36.7

120 20.4 16.6 24.8

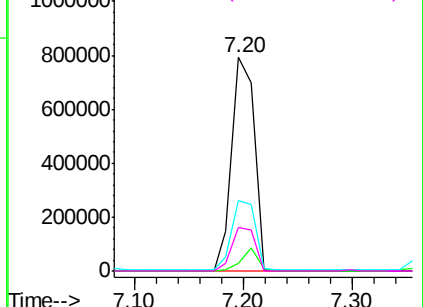
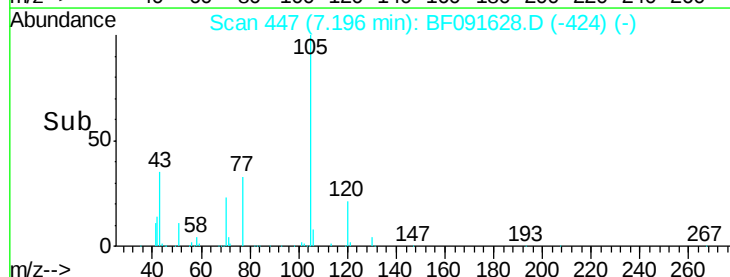


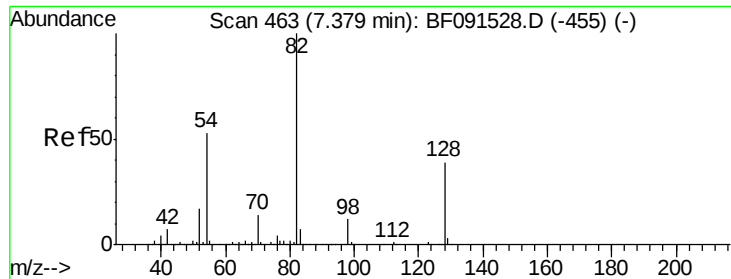
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

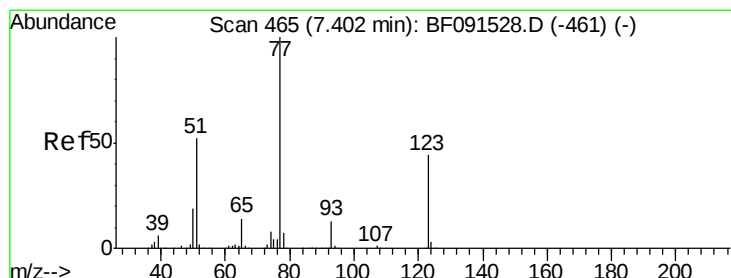
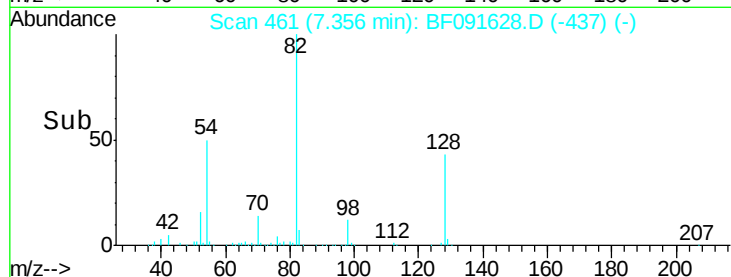
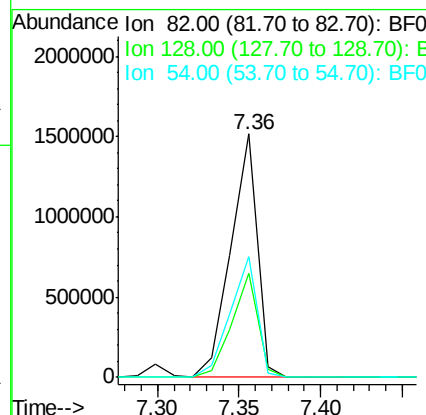
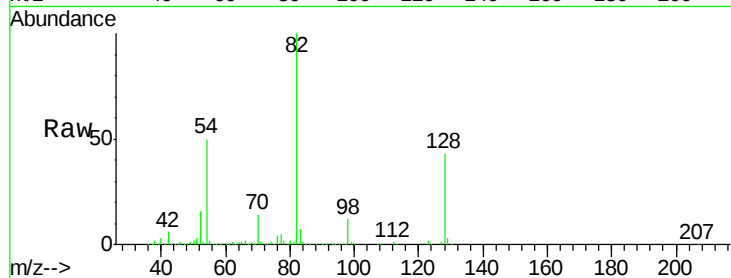




#23  
 Nitrobenzene-d5  
 Concen: 78.76 ng  
 RT: 7.36 min Scan# 461  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

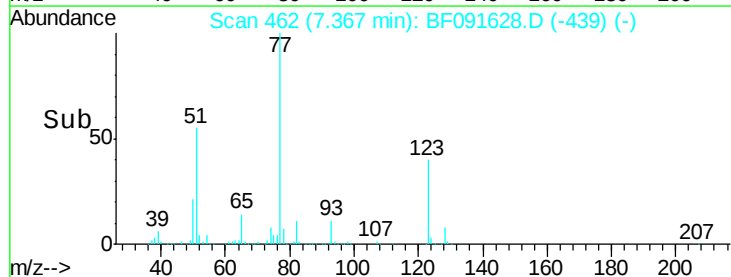
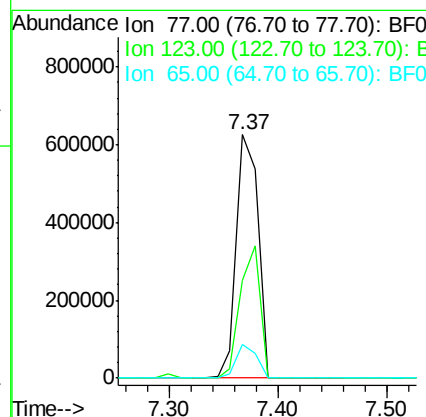
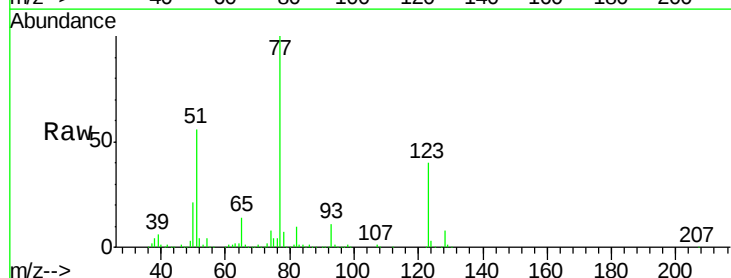
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

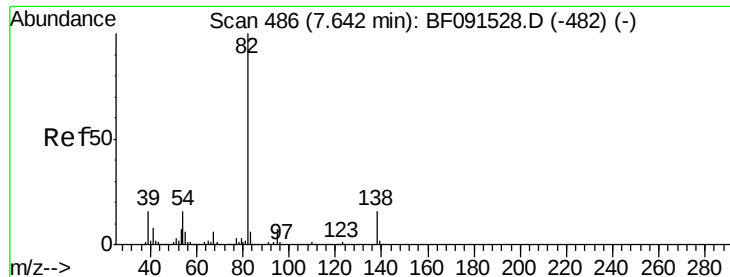
Tgt Ion: 82 Resp: 1690228  
 Ion Ratio Lower Upper  
 82 100  
 128 43.0 31.8 47.6  
 54 49.7 49.1 73.7



#24  
 Nitrobenzene  
 Concen: 37.41 ng  
 RT: 7.37 min Scan# 462  
 Delta R.T. -0.03 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion: 77 Resp: 848184  
 Ion Ratio Lower Upper  
 77 100  
 123 39.9 28.5 42.7  
 65 13.9 12.5 18.7





#25

Isophorone

Concen: 41.21 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

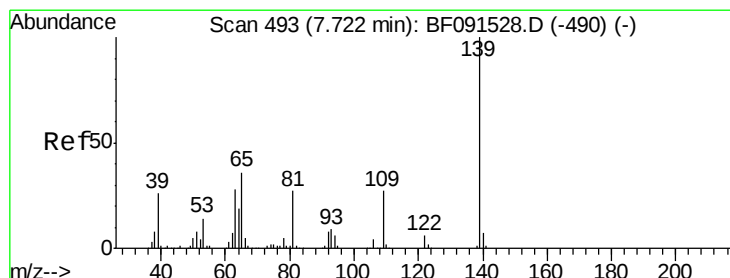
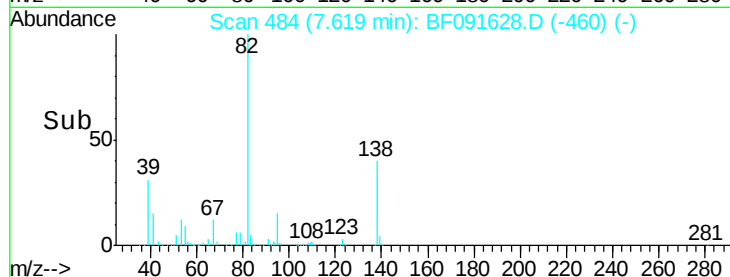
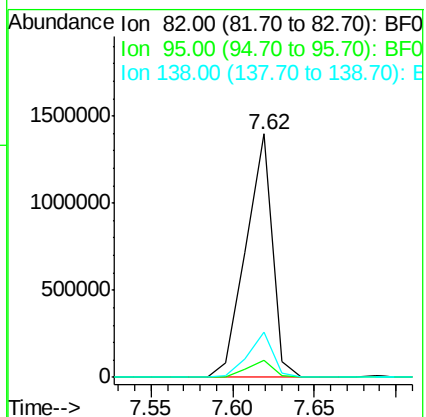
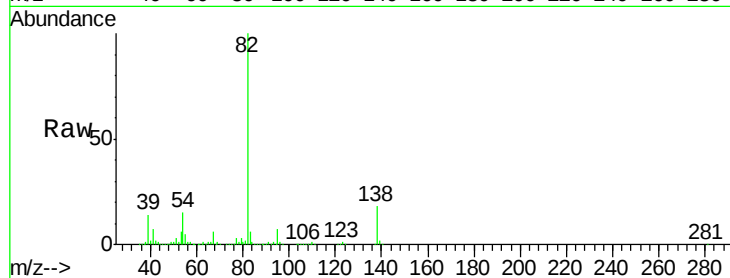
Tgt Ion: 82 Resp: 1572273

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 18.4 13.4 20.0



#26

2-Nitrophenol

Concen: 41.88 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

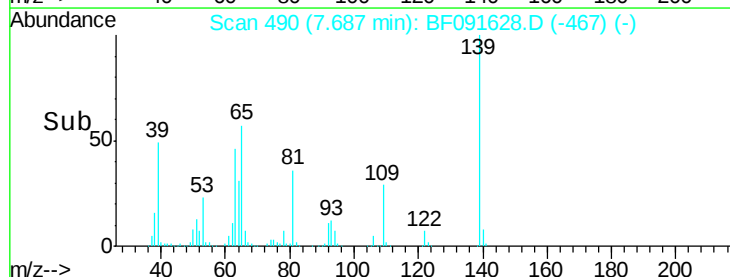
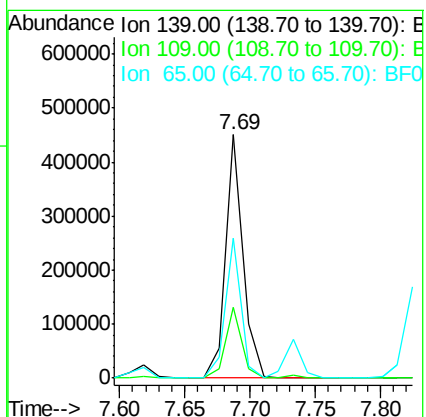
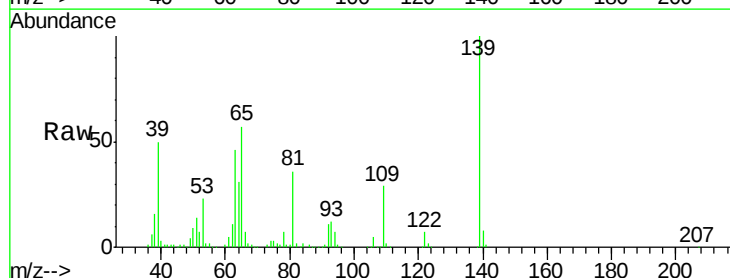
Tgt Ion: 139 Resp: 419146

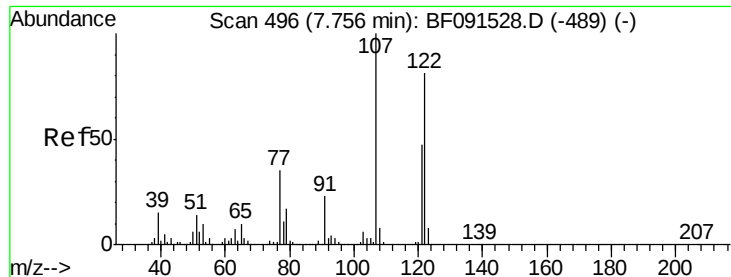
Ion Ratio Lower Upper

139 100

109 29.3 25.3 37.9

65 57.2 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 38.51 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

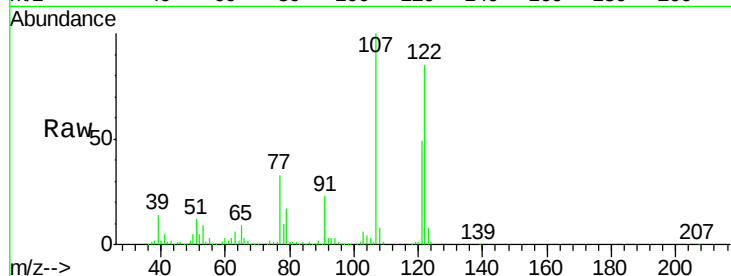
Tgt Ion:122 Resp: 676976

Ion Ratio Lower Upper

122 100

107 117.4 96.8 145.2

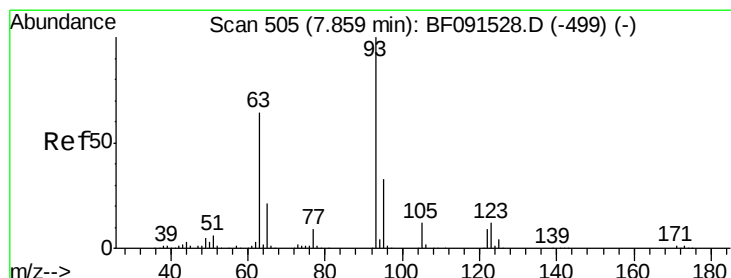
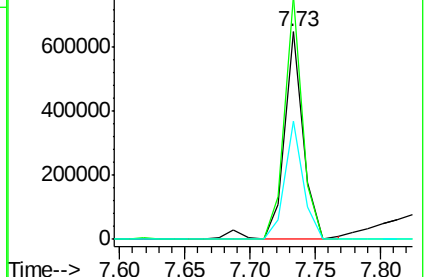
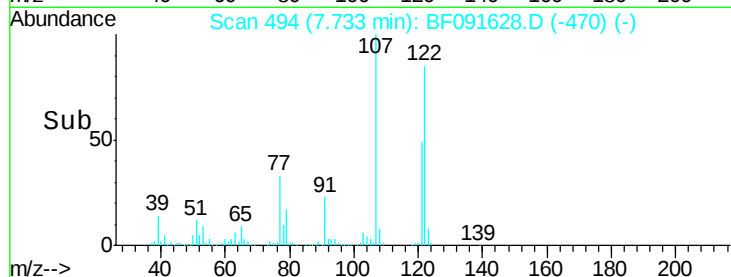
121 57.3 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.56 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

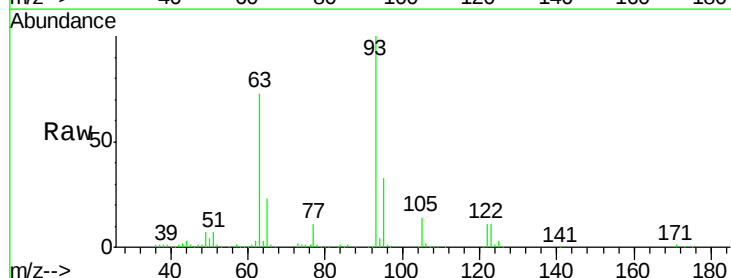
Tgt Ion: 93 Resp: 862977

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

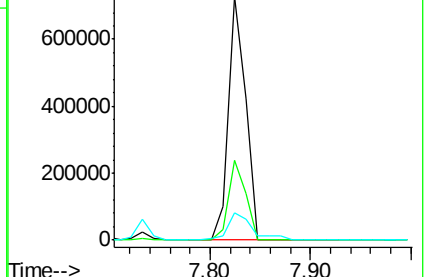
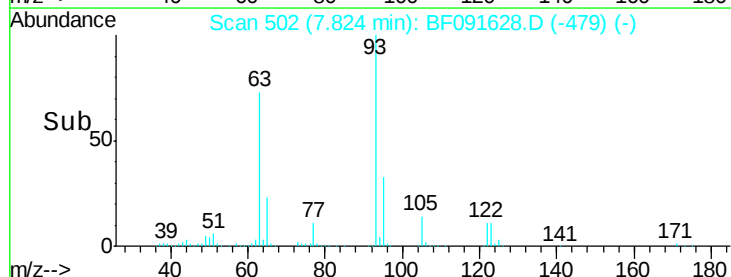
123 11.0 8.6 12.8

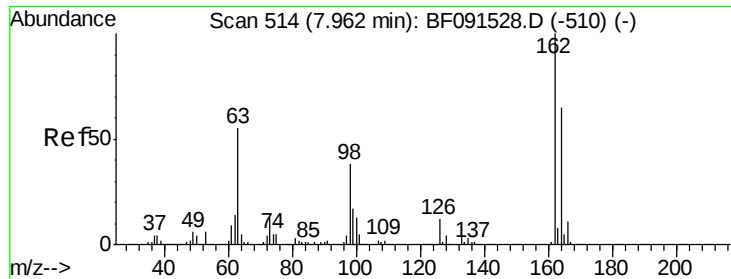


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

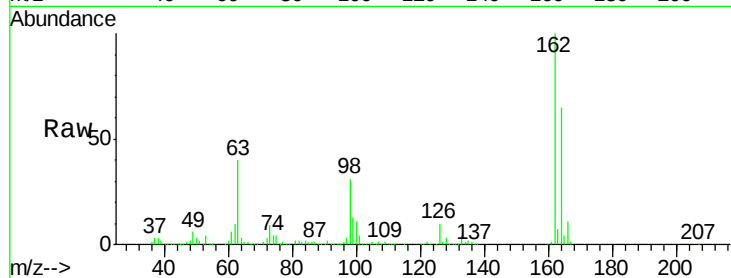




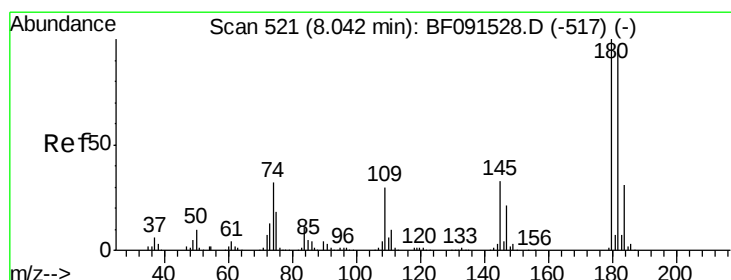
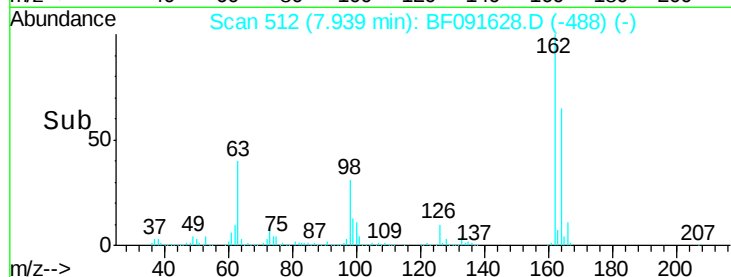
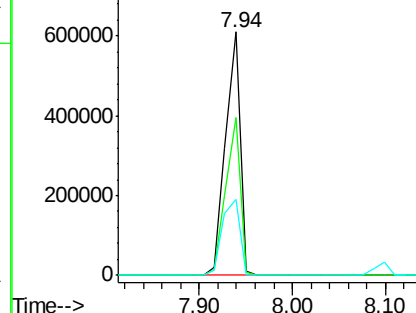
#29  
2,4-Dichlorophenol  
Concen: 43.40 ng  
RT: 7.94 min Scan# 512  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:162 Resp: 663726  
Ion Ratio Lower Upper  
162 100  
164 64.7 45.0 85.0  
98 31.4 21.3 61.3

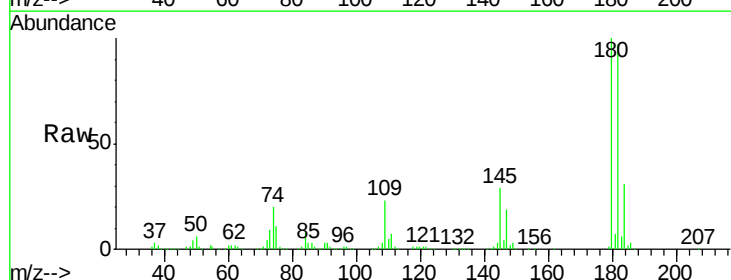


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

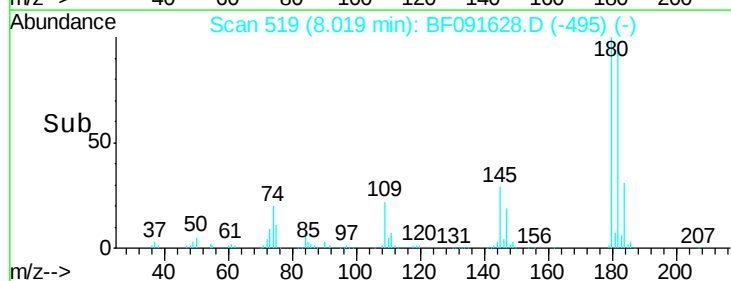
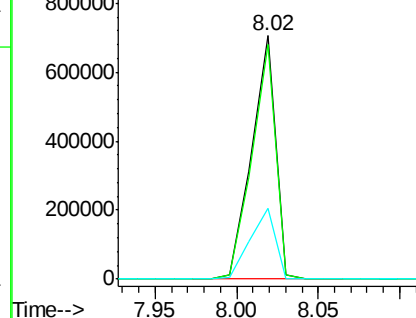


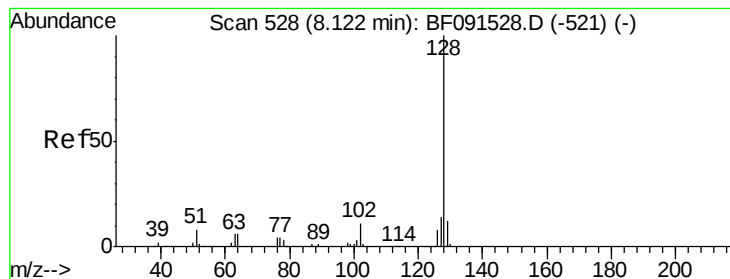
#30  
1,2,4-Trichlorobenzene  
Concen: 41.22 ng  
RT: 8.02 min Scan# 519  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion:180 Resp: 716391  
Ion Ratio Lower Upper  
180 100  
182 96.6 75.8 113.8  
145 29.1 27.0 40.4



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: 42.23 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

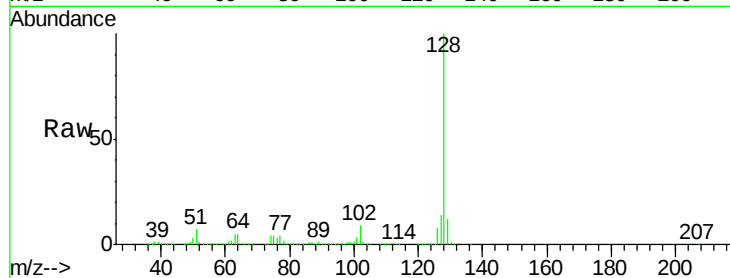
Tgt Ion:128 Resp: 2353740

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

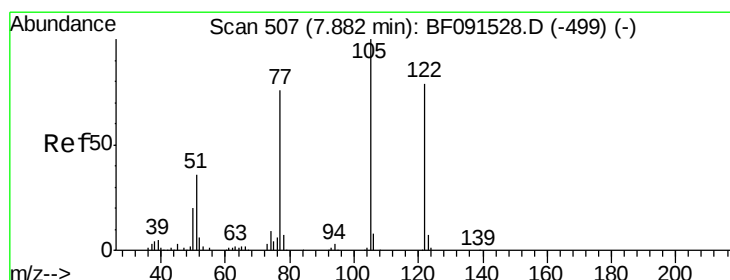
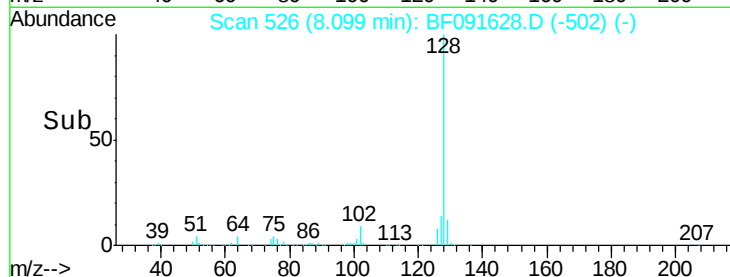
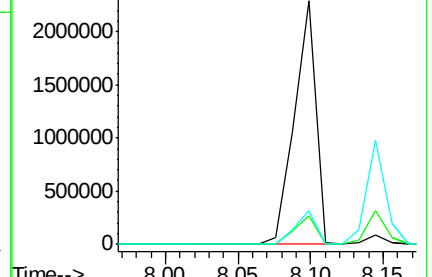
127 13.7 11.0 16.4



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: 47.46 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

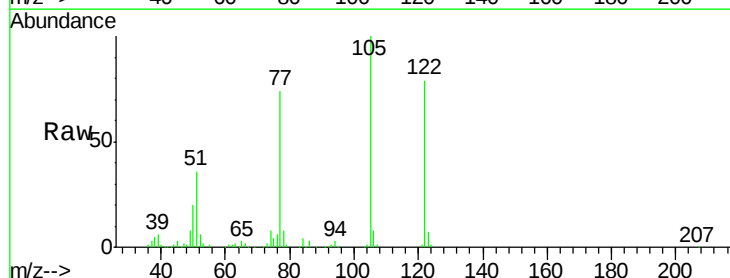
Tgt Ion:122 Resp: 597923

Ion Ratio Lower Upper

122 100

105 126.3 113.0 153.0

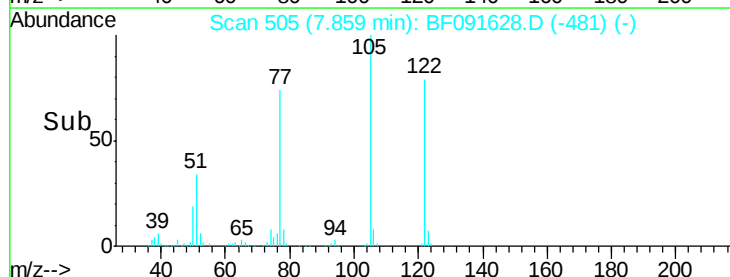
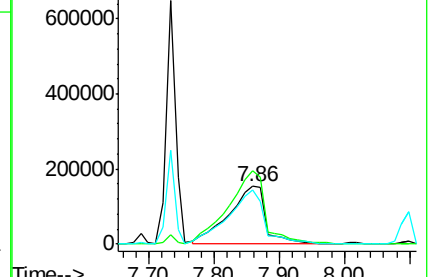
77 94.0 82.0 122.0

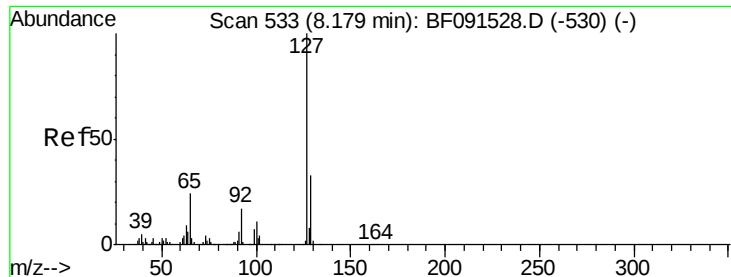


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

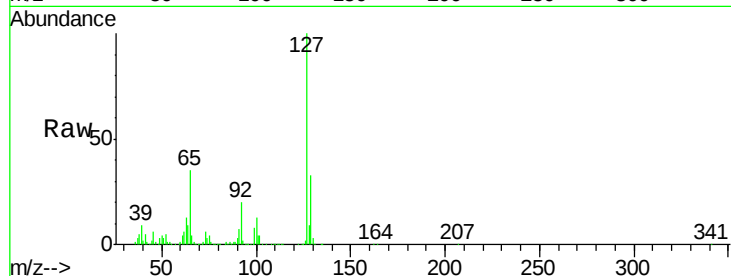




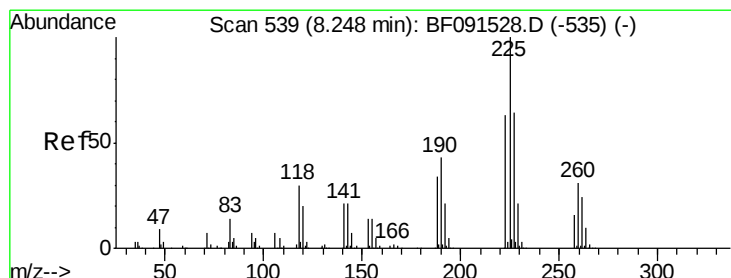
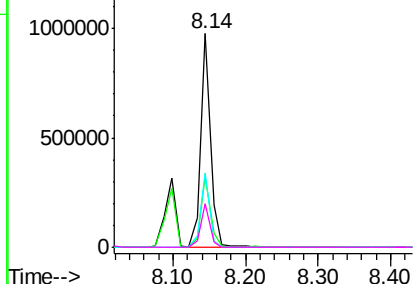
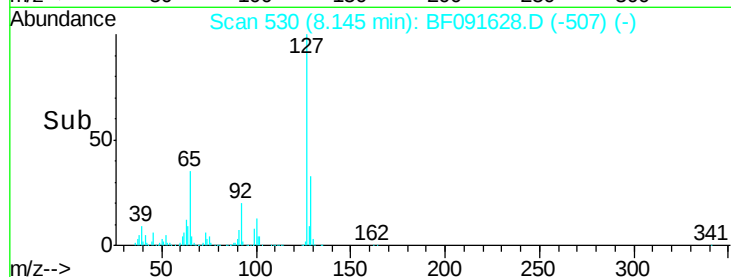
#33  
4-Chloroaniline  
Concen: 38.09 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 914464 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 26.2  | 39.4   |
| 65       | 34.8  | 26.6  | 39.8   |
| 92       | 20.5  | 15.4  | 23.0   |

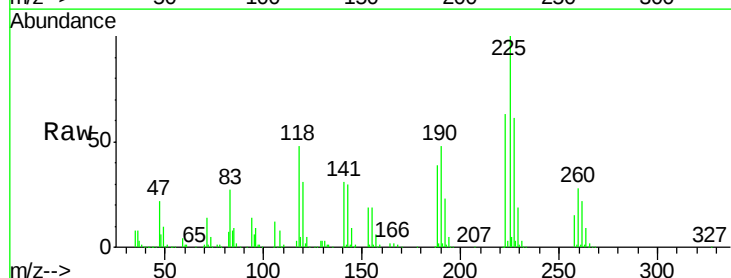


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

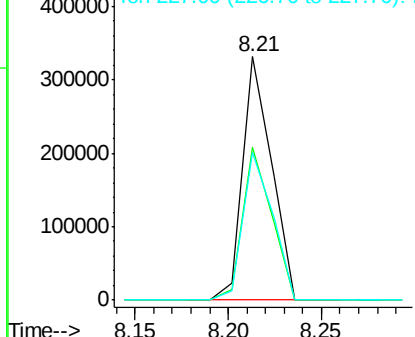
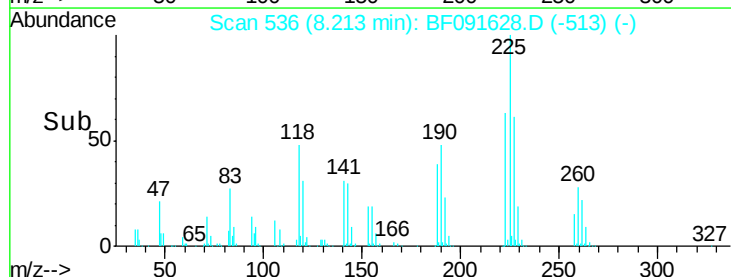


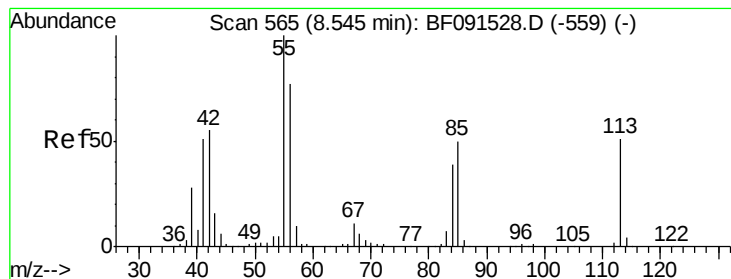
#34  
Hexachlorobutadiene  
Concen: 36.03 ng  
RT: 8.21 min Scan# 536  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 358957 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 49.8  | 74.6   |
| 227      | 60.6  | 52.6  | 79.0   |



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





#35

Caprolactam

Concen: 43.46 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

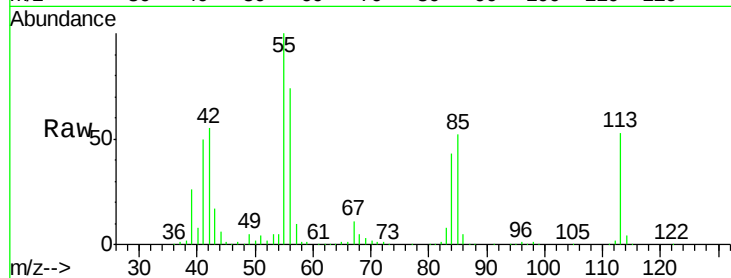
Tgt Ion:113 Resp: 194081

Ion Ratio Lower Upper

113 100

55 190.3 239.8 279.8#

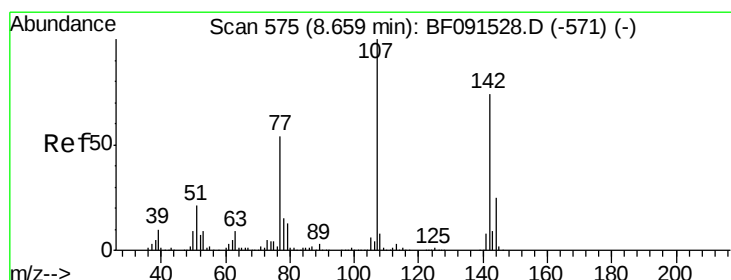
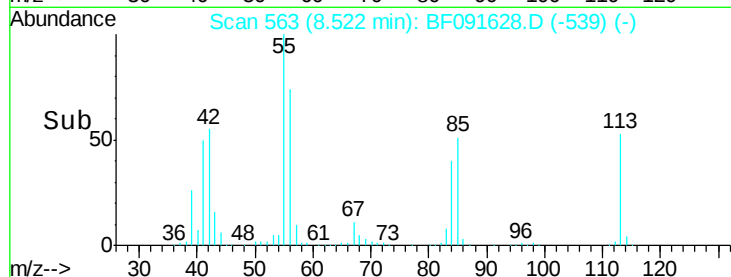
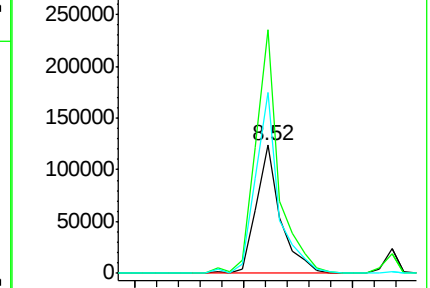
56 140.9 165.6 205.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.88 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

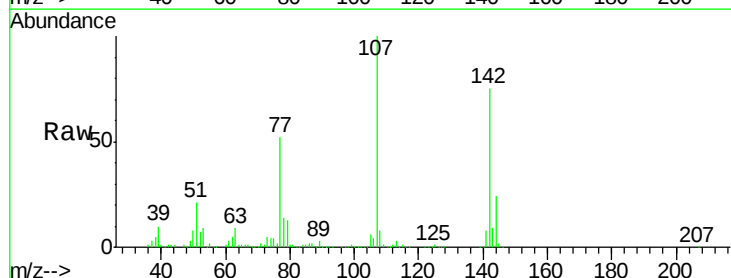
Tgt Ion:107 Resp: 718295

Ion Ratio Lower Upper

107 100

144 24.3 18.9 28.3

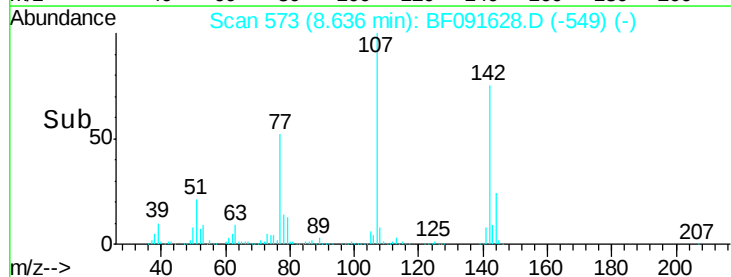
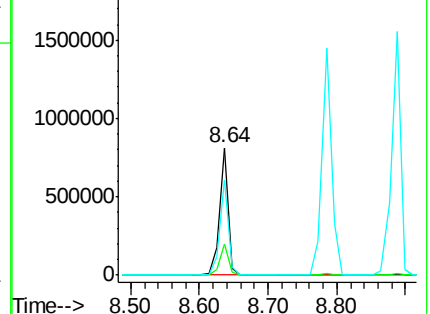
142 74.6 58.5 87.7

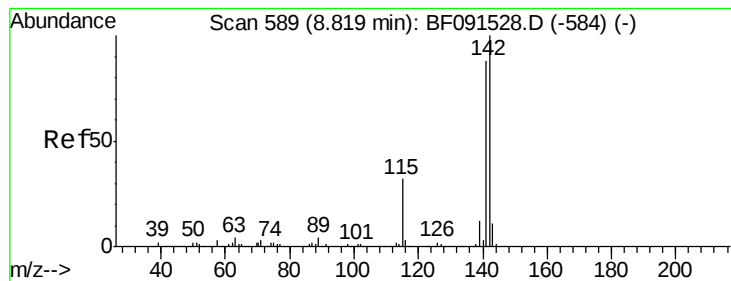


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

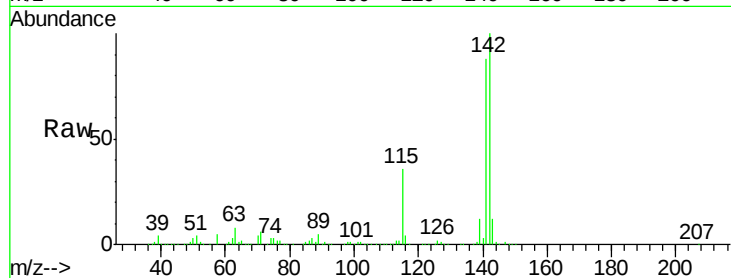




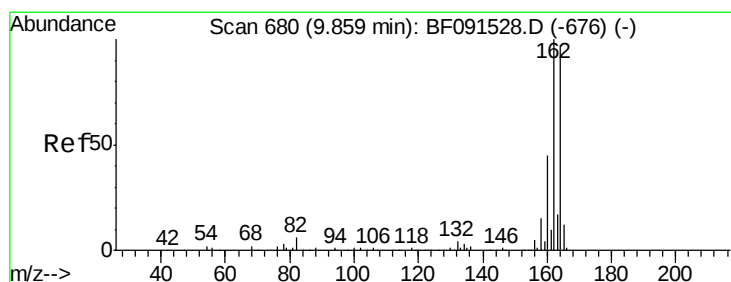
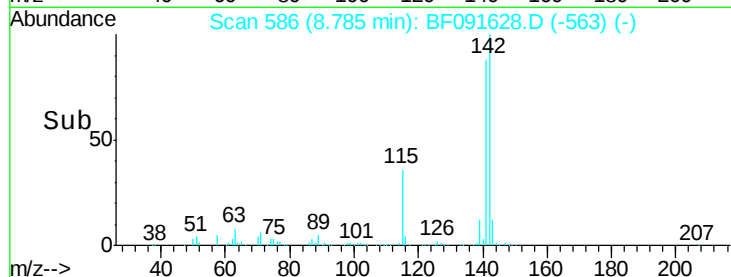
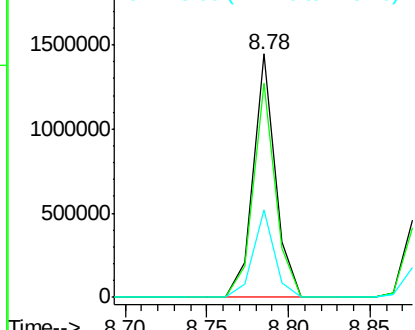
#37  
 2-Methylnaphthalene  
 Concen: 38.04 ng  
 RT: 8.78 min Scan# 586  
 Delta R.T. -0.03 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:142 Resp: 1372304  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 71.7 107.5  
 115 36.0 25.0 37.6

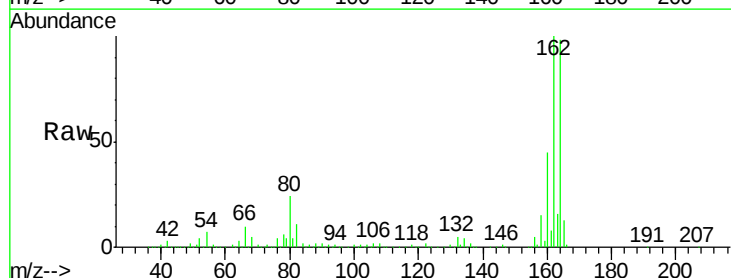


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

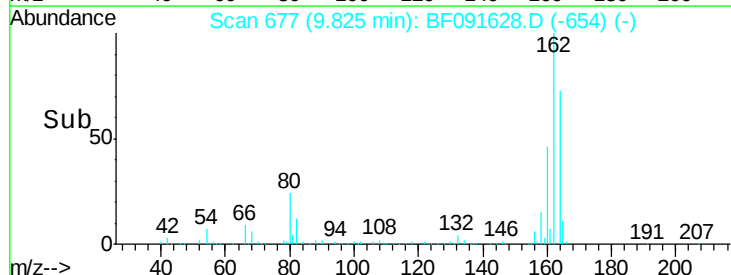
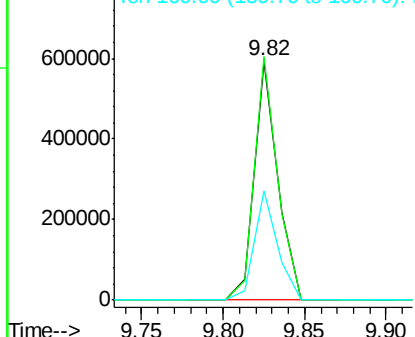


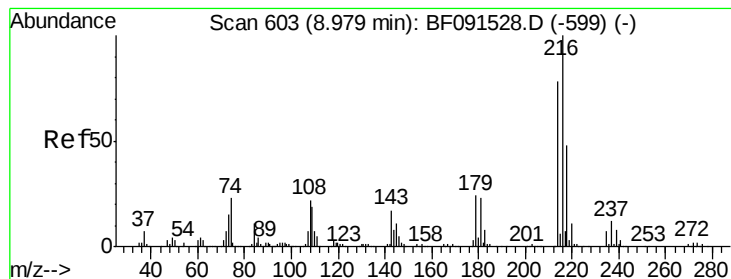
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.82 min Scan# 677  
 Delta R.T. -0.03 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion:164 Resp: 591420  
 Ion Ratio Lower Upper  
 164 100  
 162 101.9 82.6 124.0  
 160 45.9 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.14 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 651192

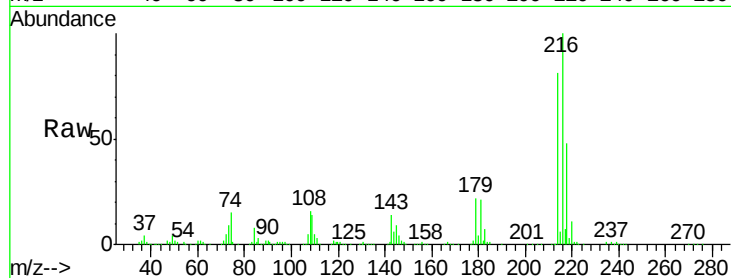
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.8

179 23.0 18.2 27.2

108 20.7 17.2 25.8

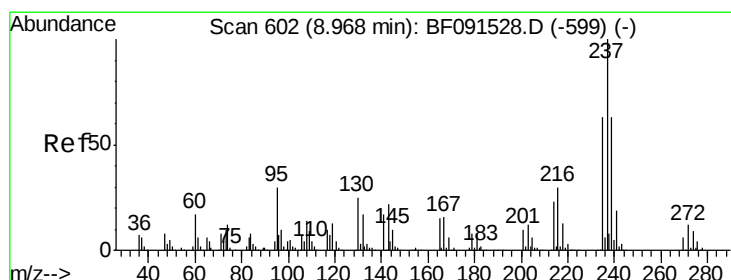
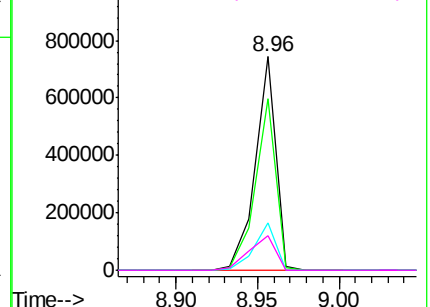
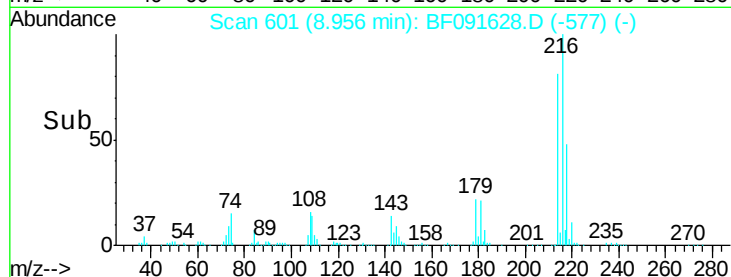


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.53 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

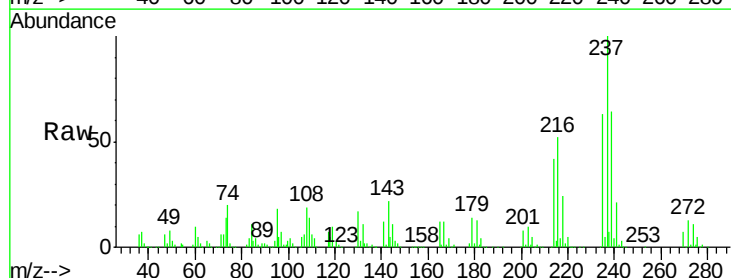
Tgt Ion:237 Resp: 293133

Ion Ratio Lower Upper

237 100

235 62.9 43.9 83.9

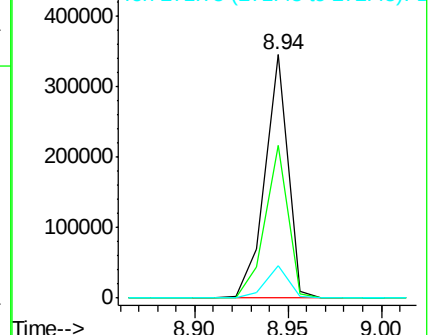
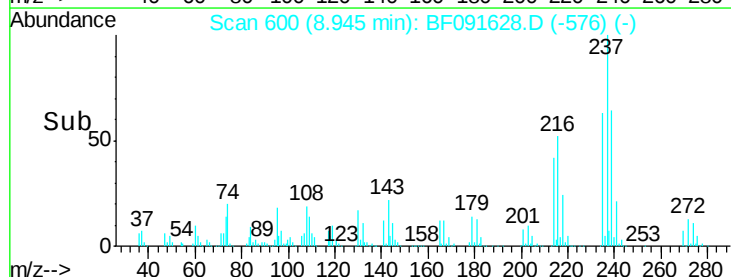
272 13.2 0.0 33.1

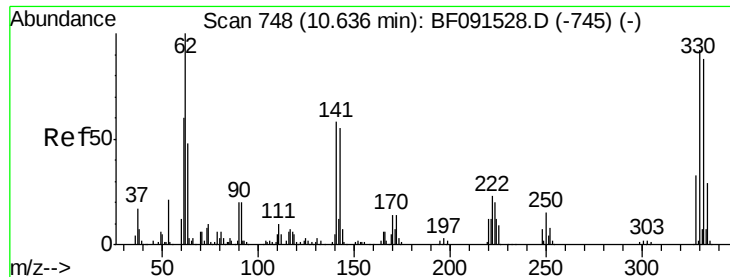


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

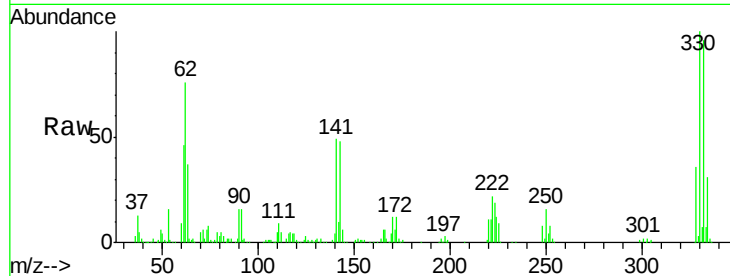




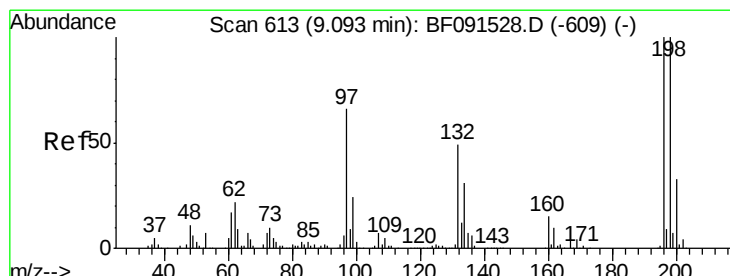
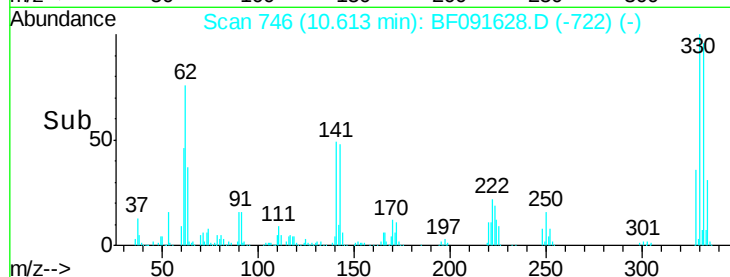
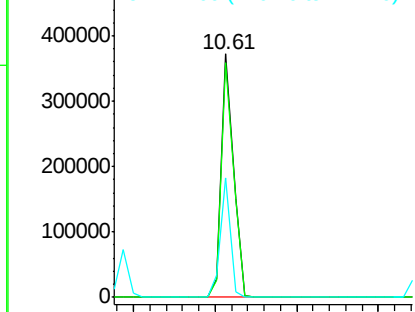
#41  
 2,4,6-Tribromophenol  
 Concen: 78.59 ng  
 RT: 10.61 min Scan# 746  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

Tgt Ion:330 Resp: 386075  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 76.2 114.4  
 141 40.5 33.6 50.4

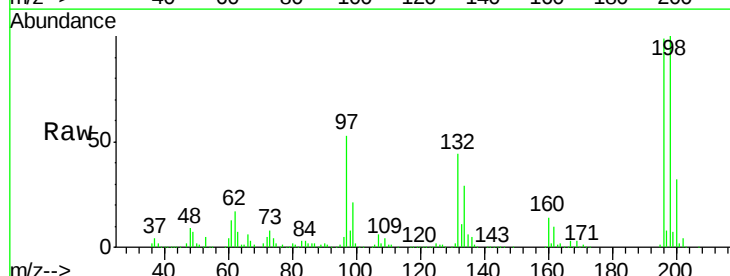


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

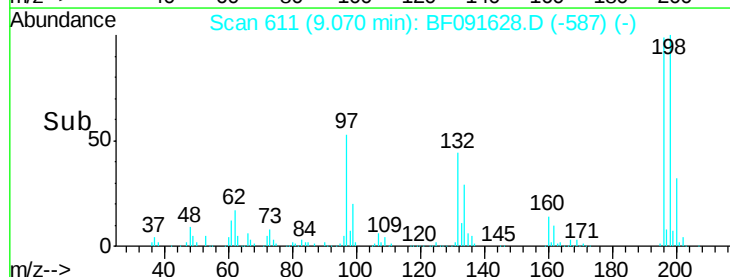
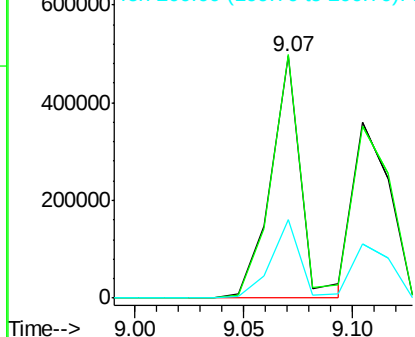


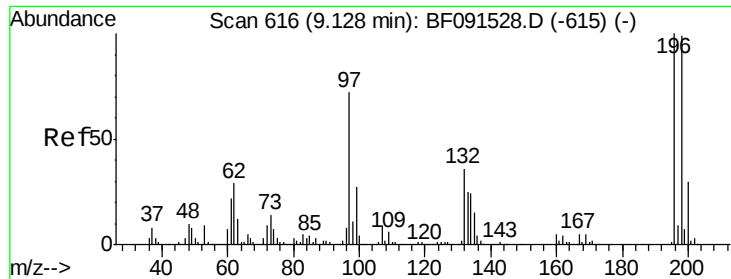
#42  
 2,4,6-Trichlorophenol  
 Concen: 46.07 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion:196 Resp: 480159  
 Ion Ratio Lower Upper  
 196 100  
 198 100.5 77.4 116.0  
 200 32.3 25.2 37.8



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

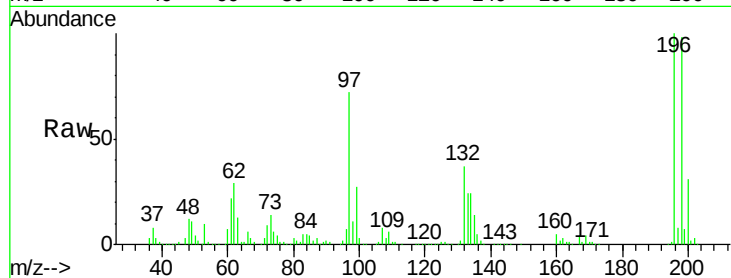




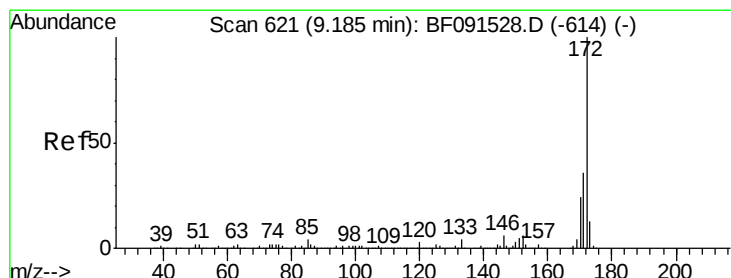
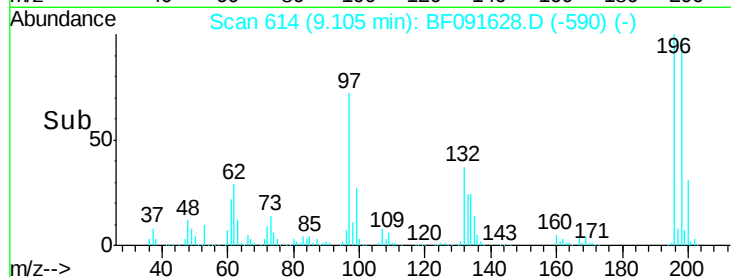
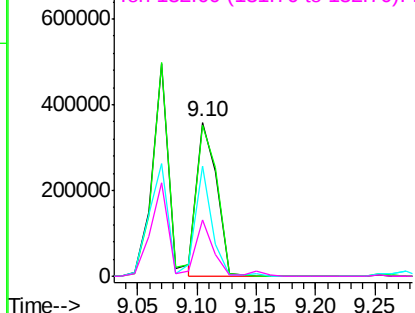
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.39 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 421850  
 Ion Ratio Lower Upper  
 196 100  
 198 98.1 77.0 115.6  
 97 71.9 33.5 50.3#  
 132 37.0 20.5 30.7#

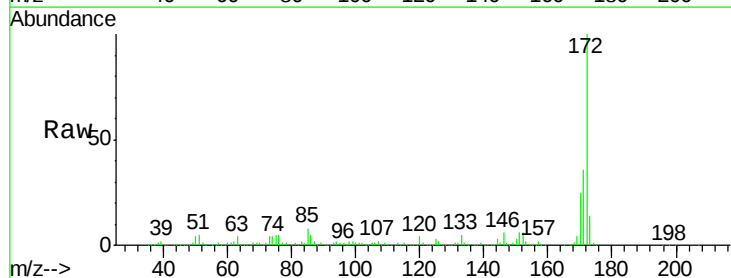


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

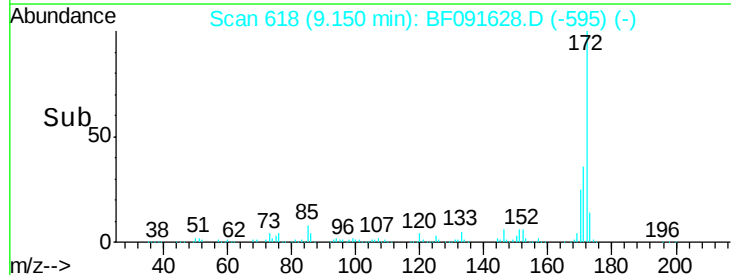
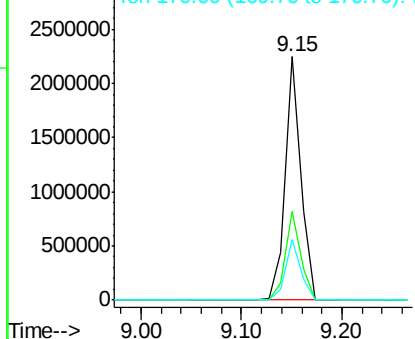


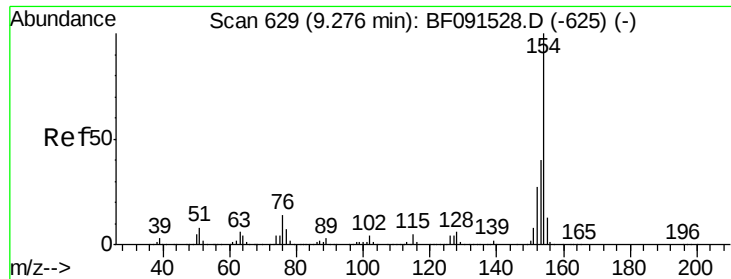
#44  
 2-Fluorobiphenyl  
 Concen: 70.74 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.03 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion:172 Resp: 2421333  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 29.4 44.0  
 170 25.0 19.7 29.5



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

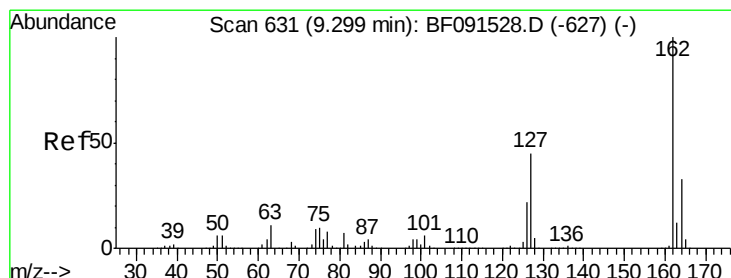
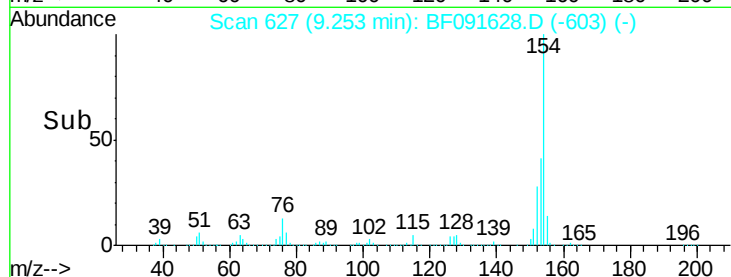
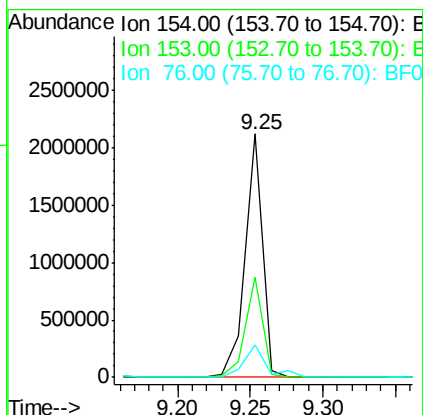
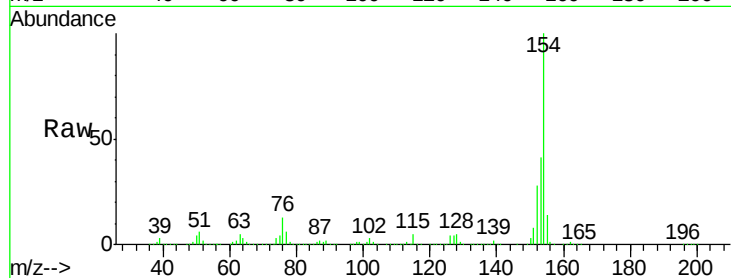




#45  
 1,1'-Biphenyl  
 Concen: 41.21 ng  
 RT: 9.25 min Scan# 627  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

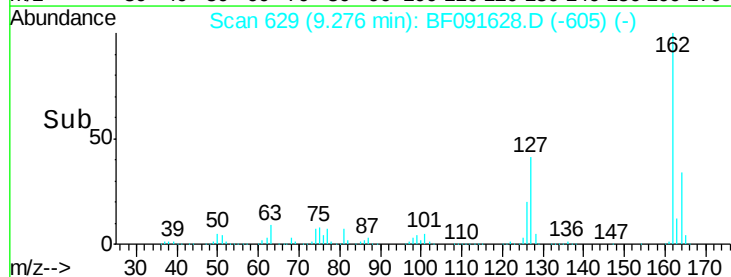
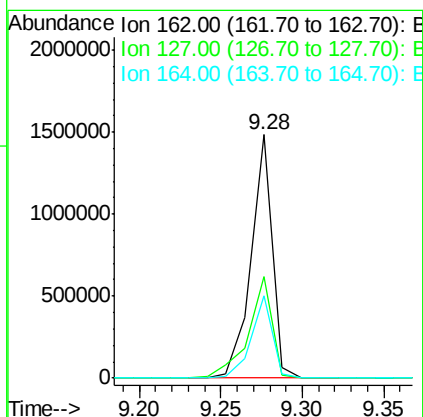
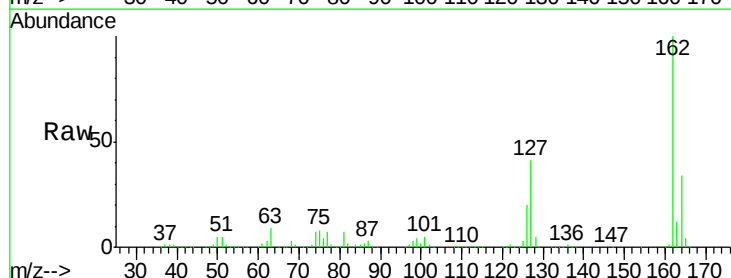
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

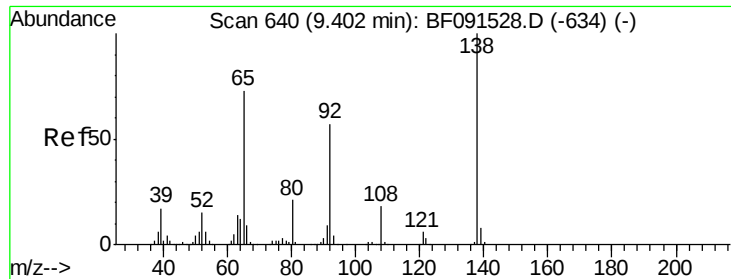
Tgt Ion:154 Resp: 1765159  
 Ion Ratio Lower Upper  
 154 100  
 153 41.4 20.6 60.6  
 76 13.1 0.0 36.6



#46  
 2-Chloronaphthalene  
 Concen: 40.33 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion:162 Resp: 1337821  
 Ion Ratio Lower Upper  
 162 100  
 127 41.5 34.3 51.5  
 164 33.9 26.6 40.0

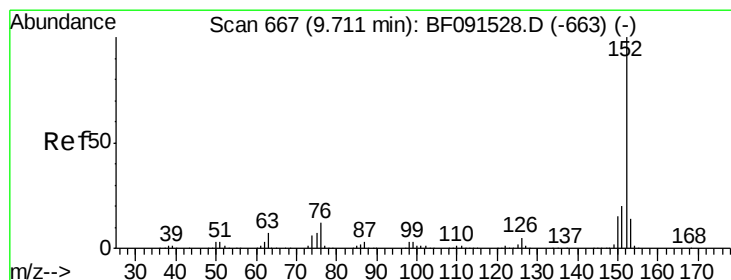
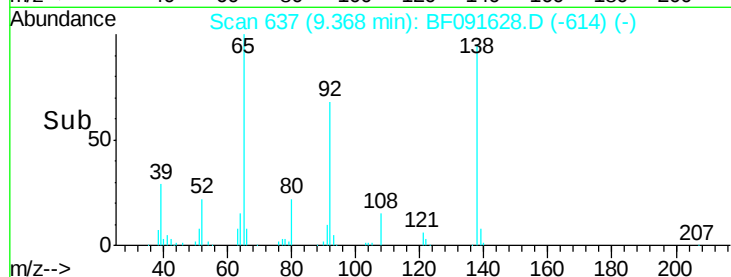
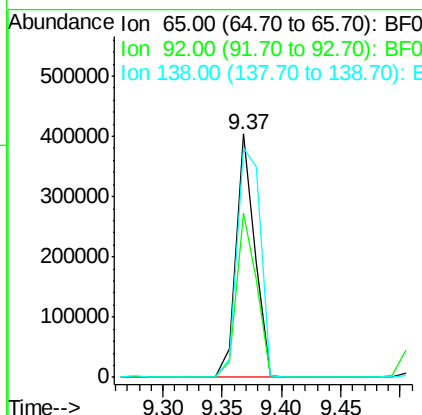
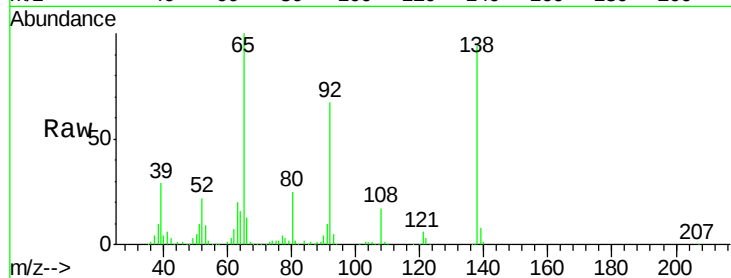




#47  
2-Nitroaniline  
Concen: 39.77 ng  
RT: 9.37 min Scan# 637  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

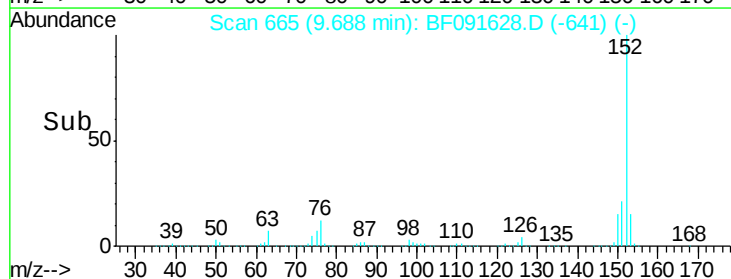
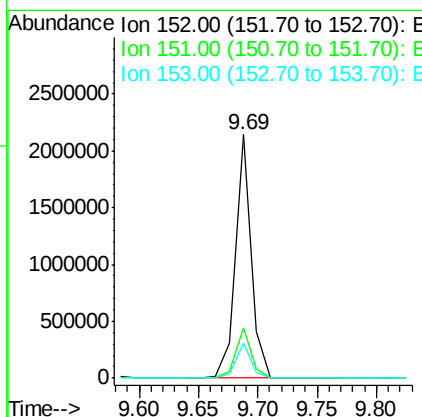
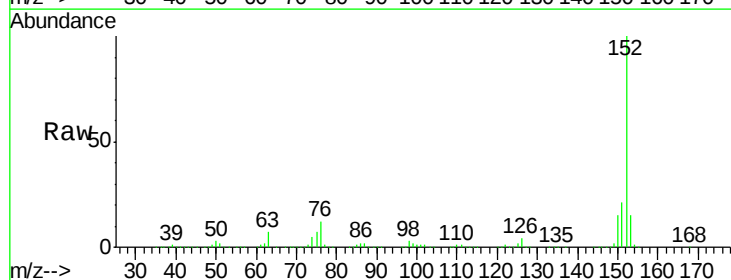
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

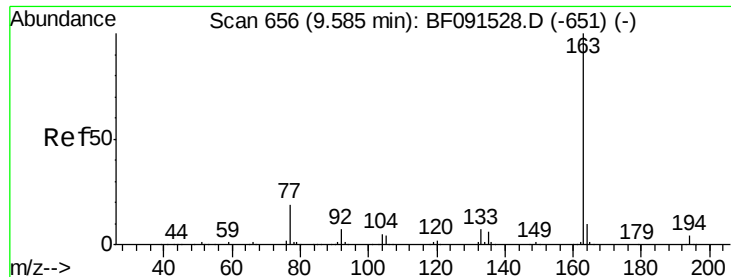
Tgt Ion: 65 Resp: 443672  
Ion Ratio Lower Upper  
65 100  
92 67.3 53.6 80.4  
138 94.4 91.0 136.6



#48  
Acenaphthylene  
Concen: 38.96 ng  
RT: 9.69 min Scan# 665  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion: 152 Resp: 1970016  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.6 24.8  
153 14.6 10.7 16.1

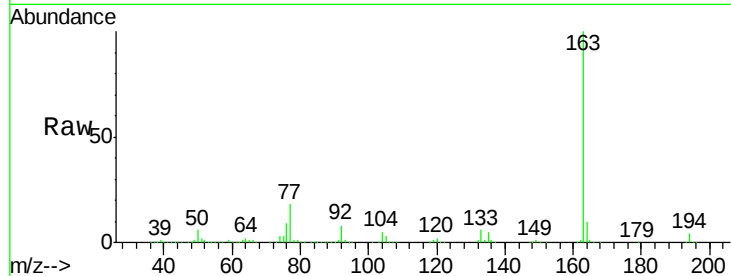




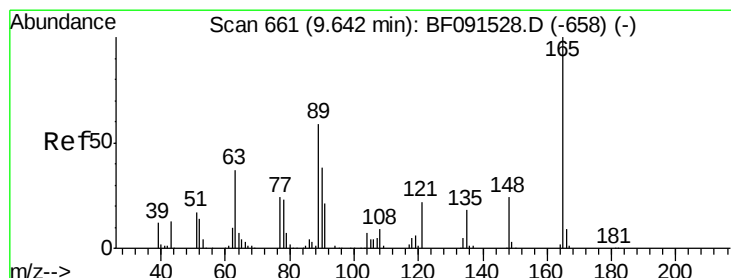
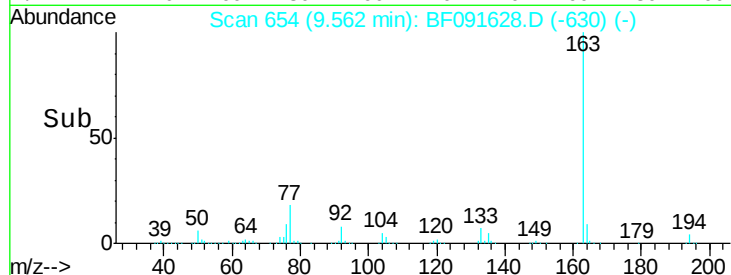
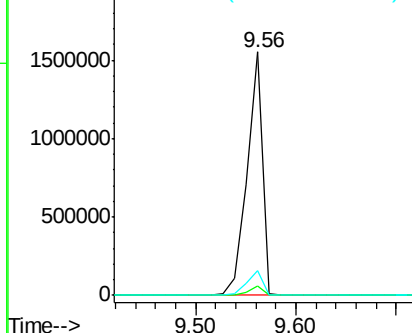
#49  
Dimethylphthalate  
Concen: 43.62 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:163 Resp: 1633555  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.2 7.8 11.8

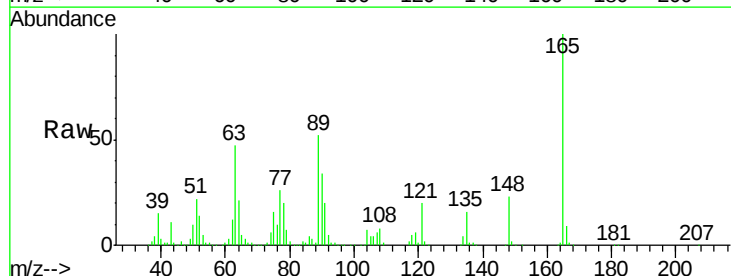


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

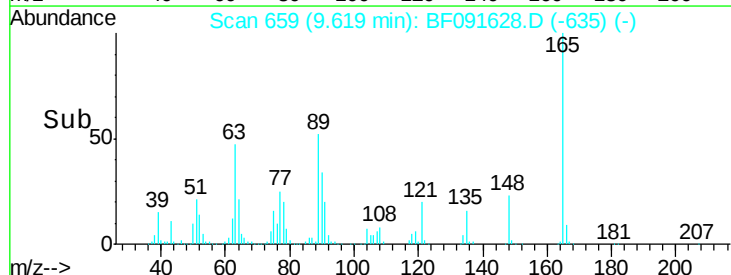
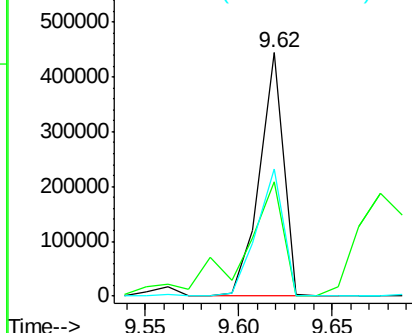


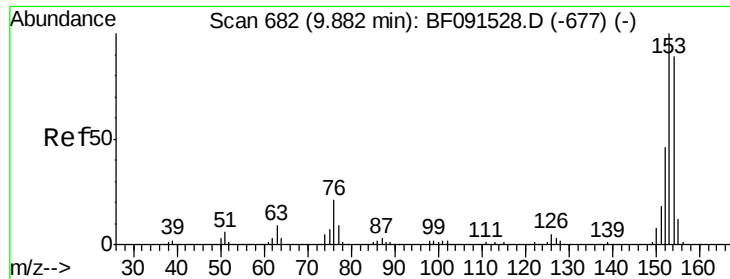
#50  
2,6-Dinitrotoluene  
Concen: 47.95 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion:165 Resp: 394142  
Ion Ratio Lower Upper  
165 100  
63 46.8 59.4 89.0#  
89 52.2 50.8 76.2



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

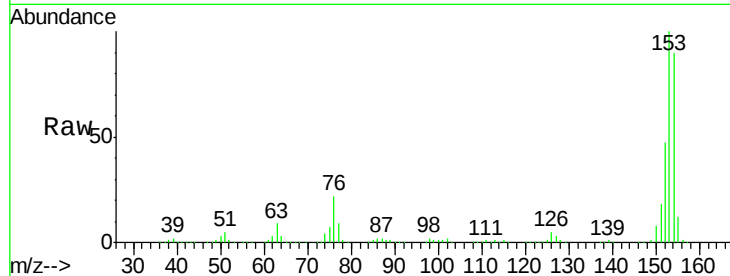




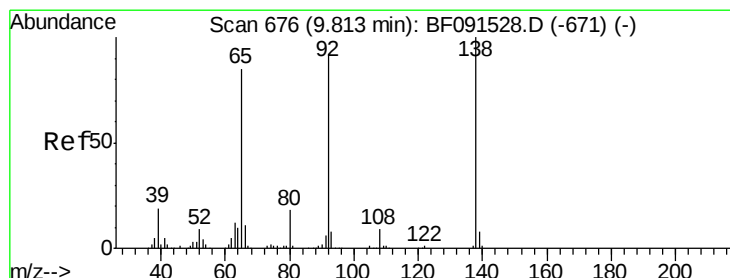
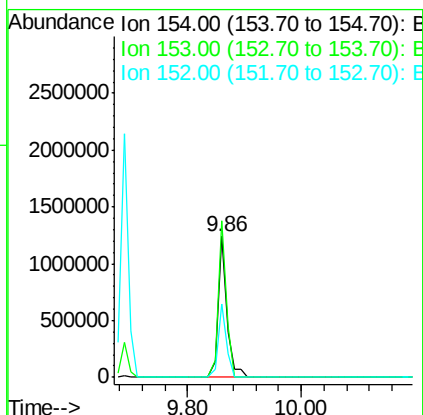
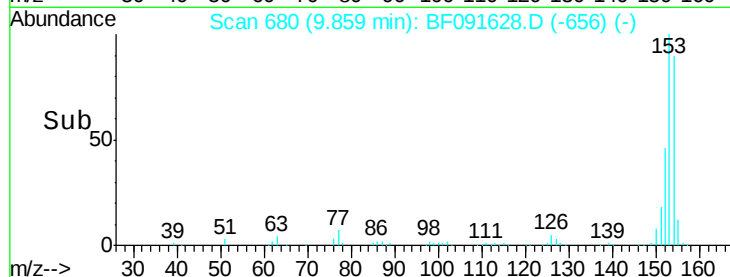
#51  
Acenaphthene  
Concen: 37.76 ng  
RT: 9.86 min Scan# 680  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:154 Resp: 1326208  
Ion Ratio Lower Upper  
154 100  
153 111.2 91.0 136.6  
152 52.1 44.2 66.2

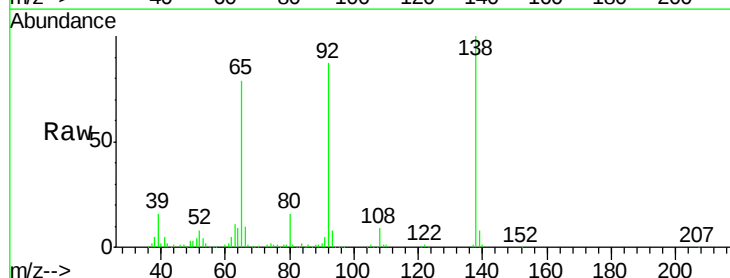


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

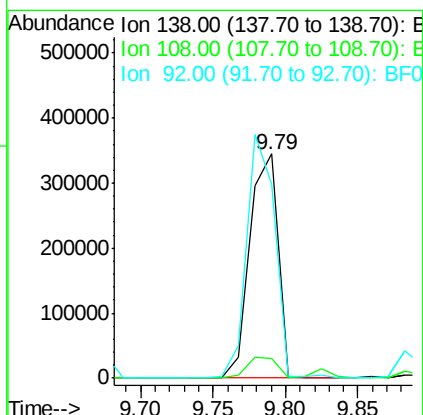
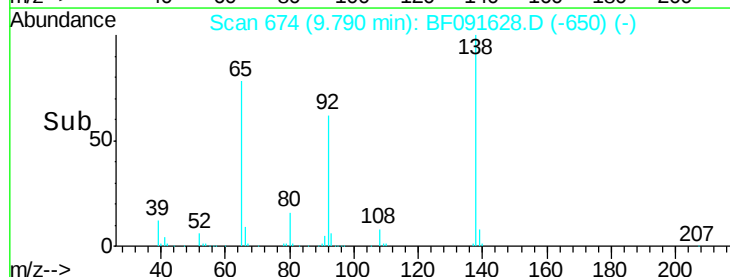


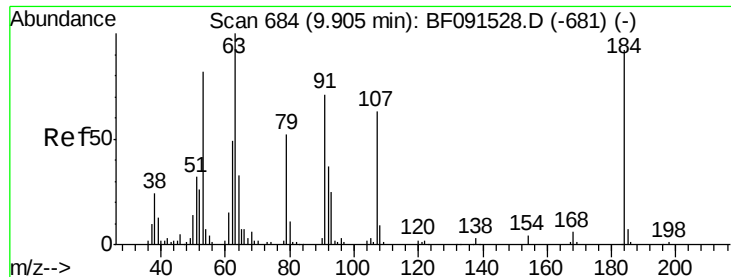
#52  
3-Nitroaniline  
Concen: 48.48 ng  
RT: 9.79 min Scan# 674  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion:138 Resp: 468050  
Ion Ratio Lower Upper  
138 100  
108 8.6 8.1 12.1  
92 86.6 92.5 138.7#



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

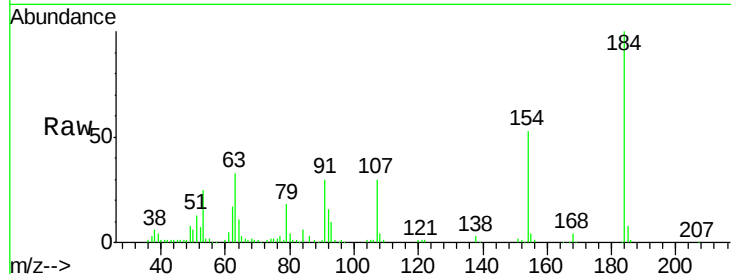




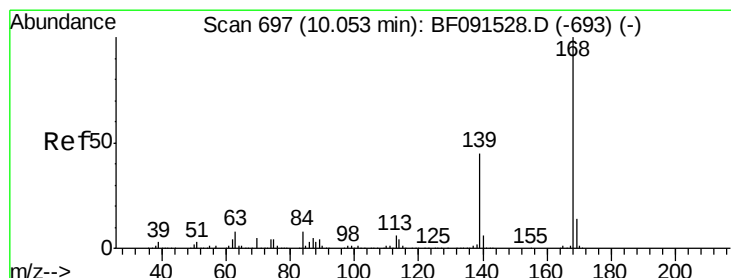
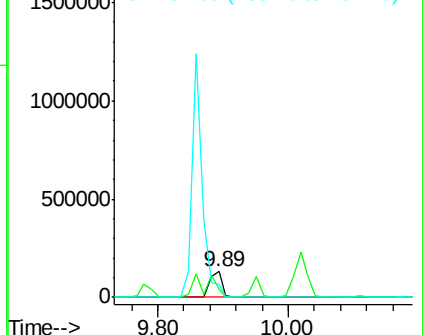
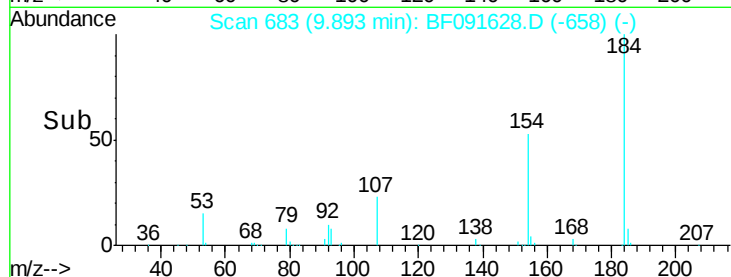
#53  
2,4-Dinitrophenol  
Concen: 46.15 ng  
RT: 9.89 min Scan# 683  
Delta R.T. -0.01 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 179346  
Ion Ratio Lower Upper  
184 100  
63 33.1 58.3 87.5#  
154 53.4 48.6 73.0

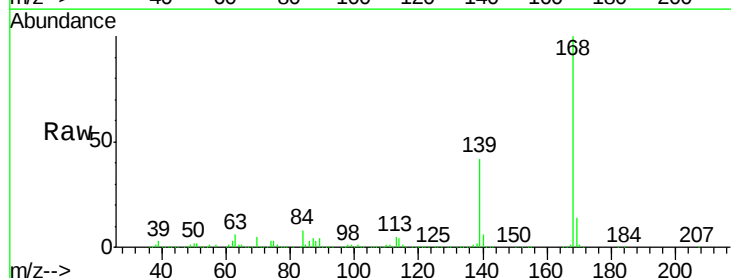


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

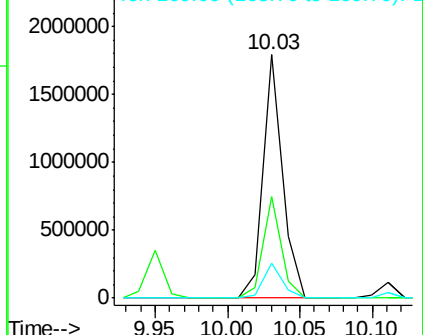
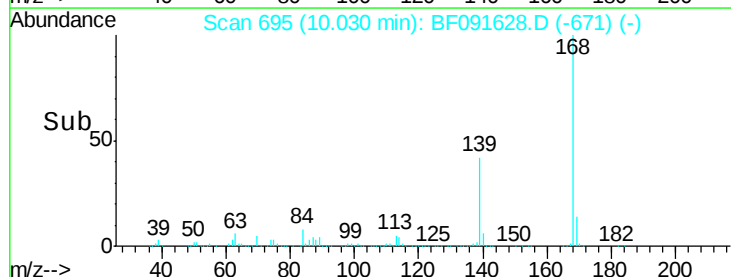


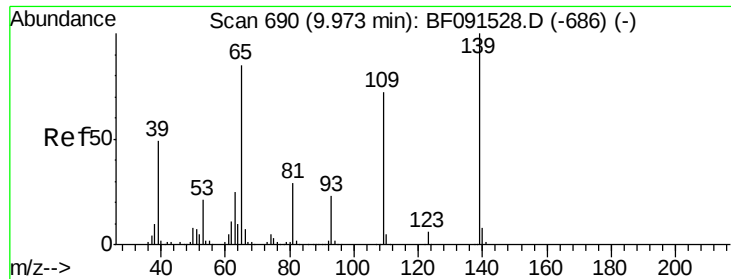
#54  
Dibenzofuran  
Concen: 38.37 ng  
RT: 10.03 min Scan# 695  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion:168 Resp: 1667089  
Ion Ratio Lower Upper  
168 100  
139 41.7 33.4 50.2  
169 14.3 11.1 16.7



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

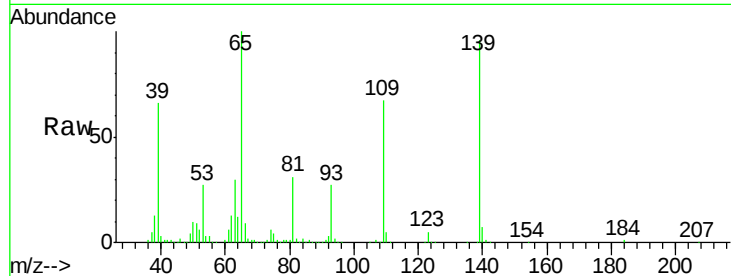




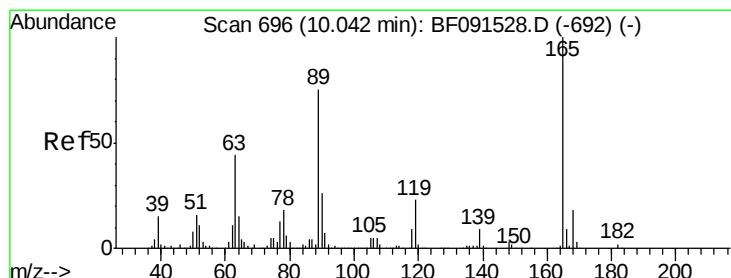
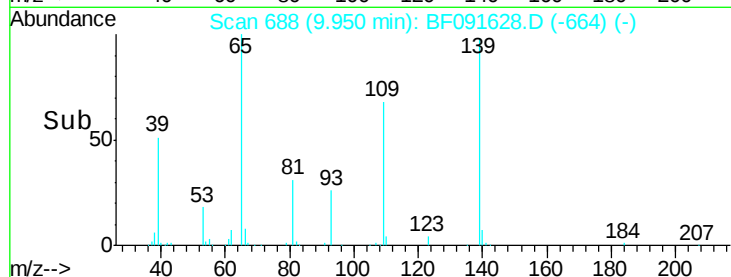
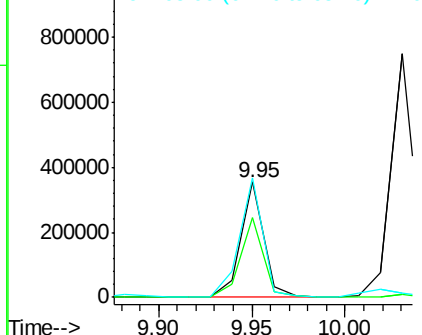
#55  
4-Nitrophenol  
Concen: 42.67 ng  
RT: 9.95 min Scan# 688  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:139 Resp: 306494  
Ion Ratio Lower Upper  
139 100  
109 69.4 54.9 94.9  
65 103.7 102.2 142.2



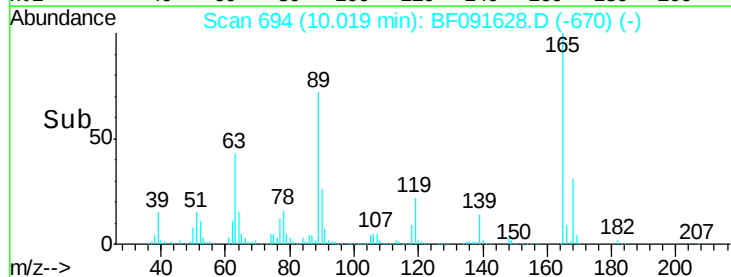
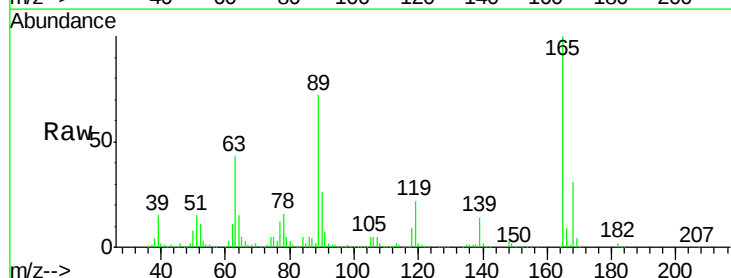
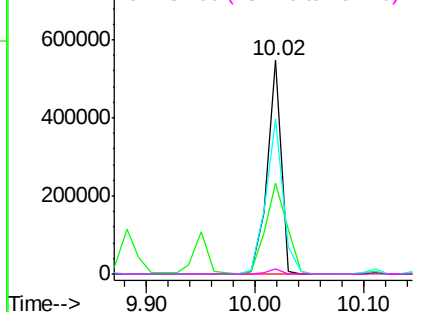
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

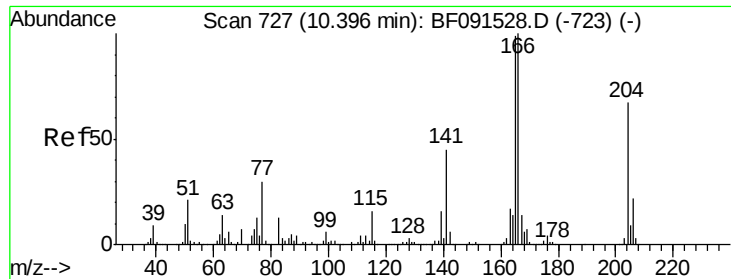


#56  
2,4-Dinitrotoluene  
Concen: 47.92 ng  
RT: 10.02 min Scan# 694  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion:165 Resp: 493697  
Ion Ratio Lower Upper  
165 100  
63 42.6 29.0 43.4  
89 72.3 43.1 64.7#  
182 2.3 1.9 2.9

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

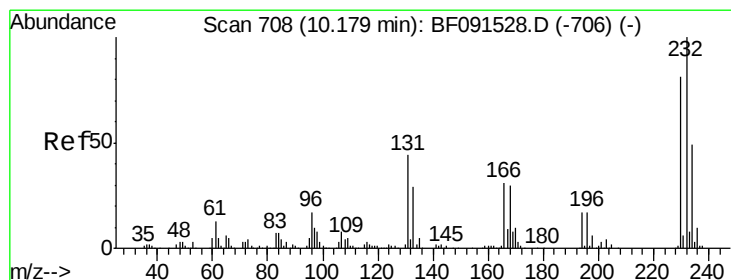
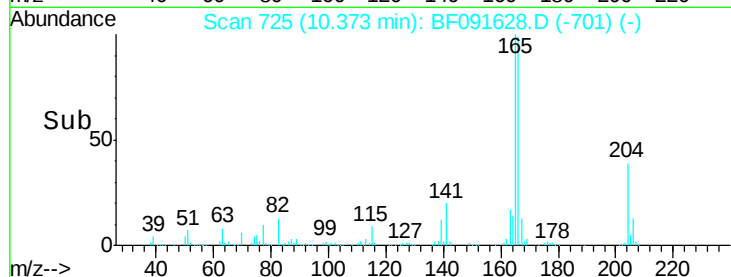
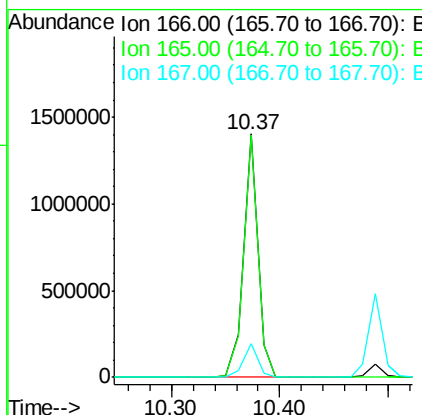
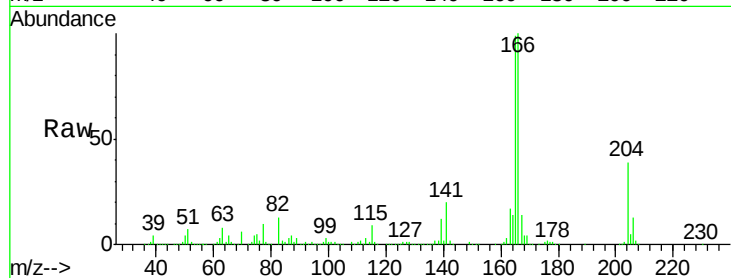




#57  
**Fluorene**  
 Concen: 40.35 ng  
 RT: 10.37 min Scan# 725  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

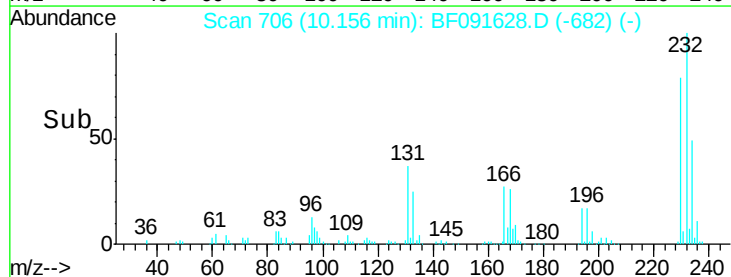
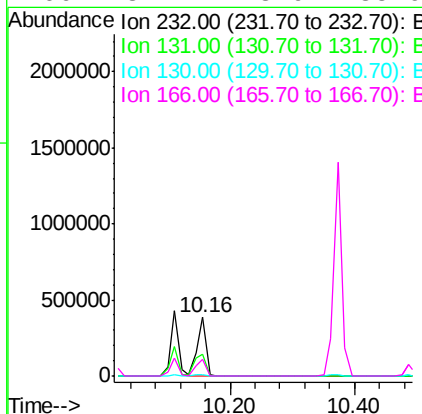
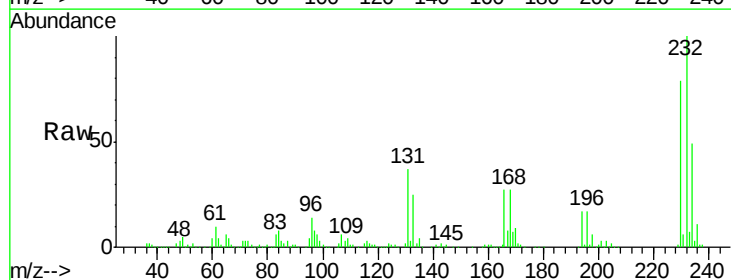
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

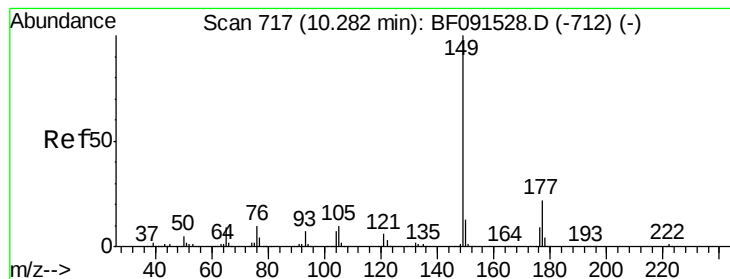
Tgt Ion:166 Resp: 1268906  
 Ion Ratio Lower Upper  
 166 100  
 165 99.3 80.0 120.0  
 167 13.8 10.8 16.2



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 46.20 ng  
 RT: 10.16 min Scan# 706  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion:232 Resp: 387393  
 Ion Ratio Lower Upper  
 232 100  
 131 47.2 38.4 57.6  
 130 2.2 1.8 2.8  
 166 31.7 23.9 35.9





#59

Diethylphthalate

Concen: 43.16 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

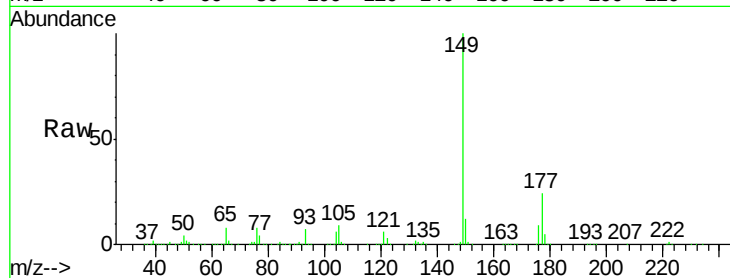
Tgt Ion:149 Resp: 1556284

Ion Ratio Lower Upper

149 100

177 24.2 15.7 23.5#

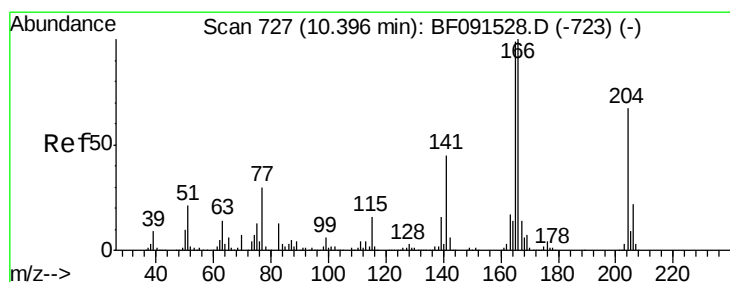
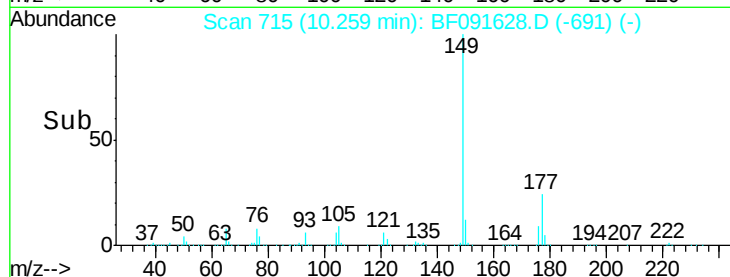
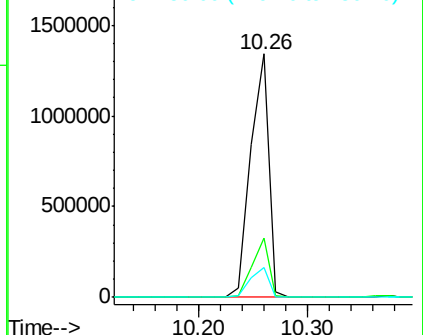
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.26 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

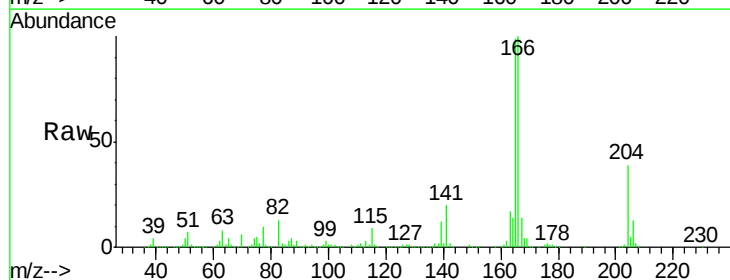
Tgt Ion:204 Resp: 613385

Ion Ratio Lower Upper

204 100

206 32.9 26.1 39.1

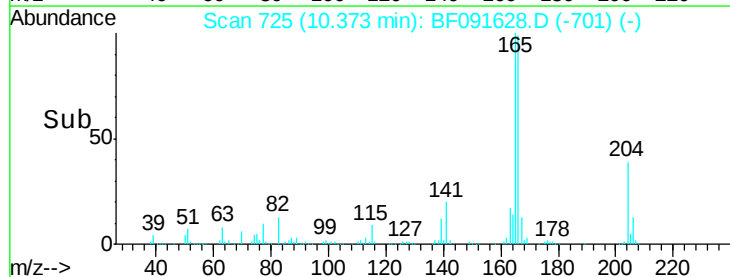
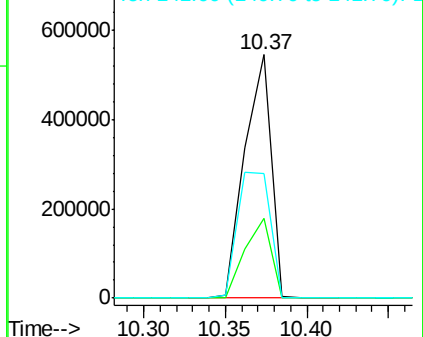
141 50.9 40.6 61.0

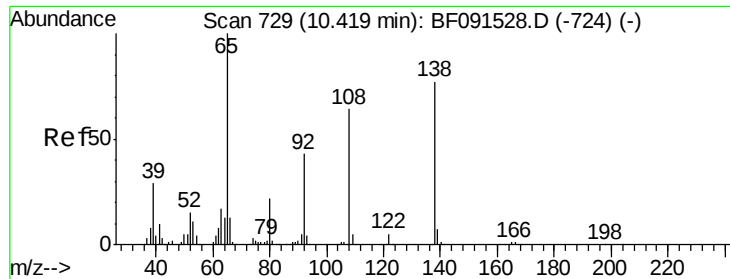


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

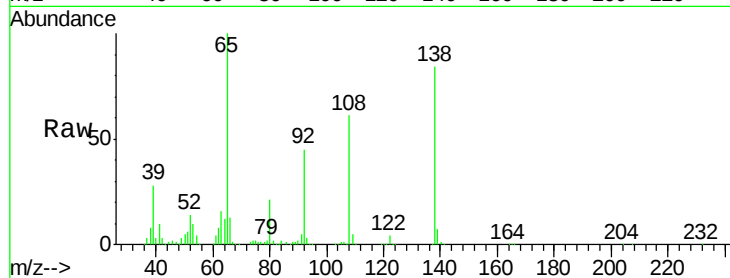




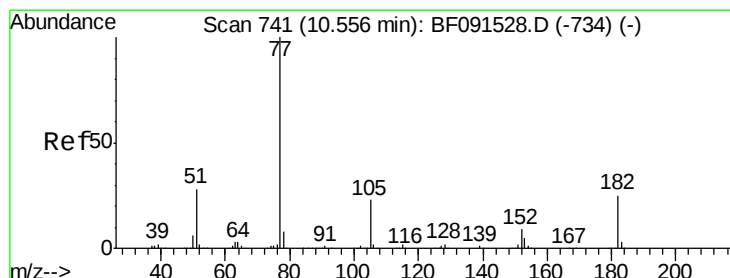
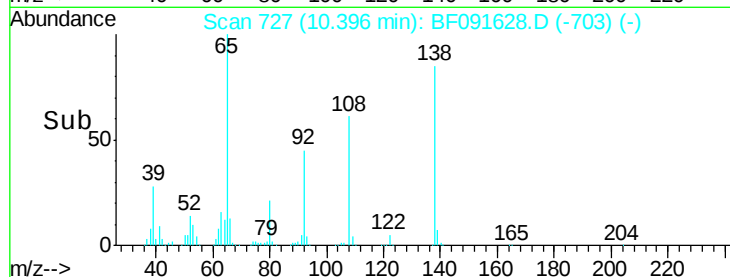
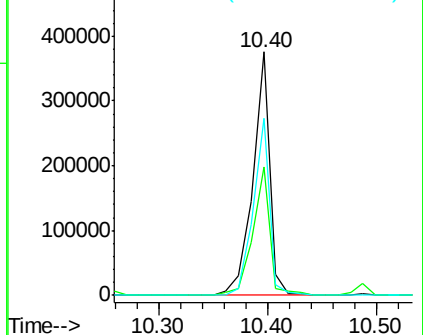
#61  
4-Nitroaniline  
Concen: 42.74 ng  
RT: 10.40 min Scan# 727  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 138 Resp: 410068  
Ion Ratio Lower Upper  
138 100  
92 52.9 26.9 66.9  
108 72.7 49.1 89.1

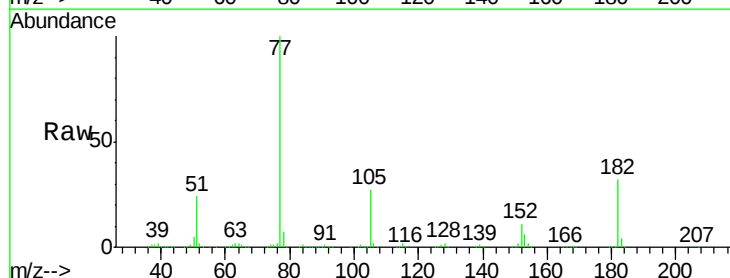


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

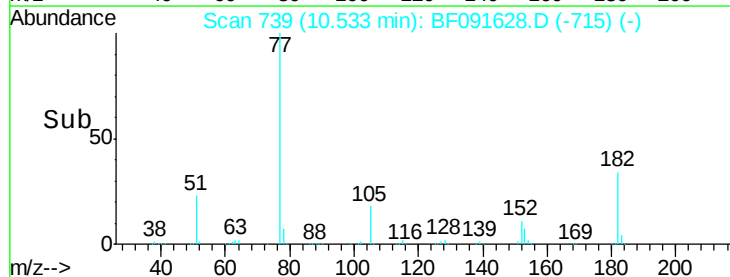
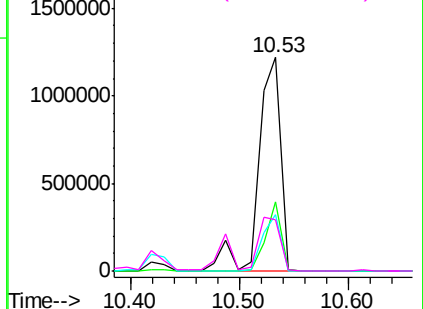


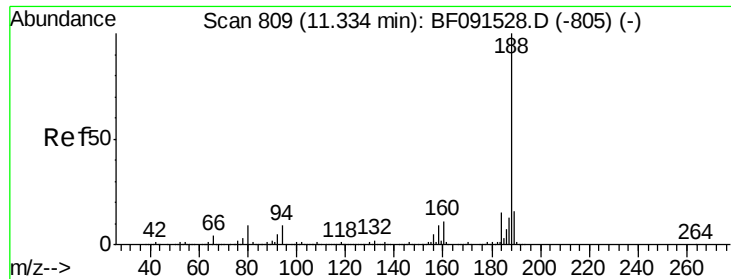
#62  
Azobenzene  
Concen: 42.66 ng  
RT: 10.53 min Scan# 739  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion: 77 Resp: 1743275  
Ion Ratio Lower Upper  
77 100  
182 32.5 12.5 52.5  
105 26.5 3.7 43.7  
51 24.0 11.9 51.9



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

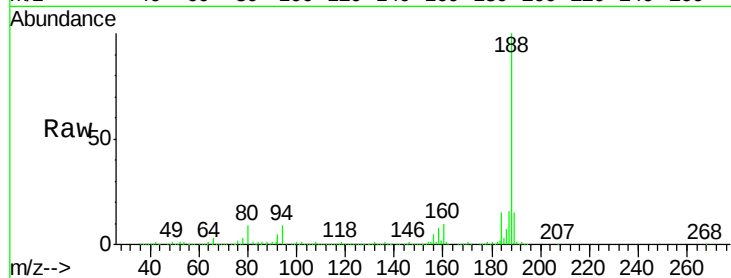




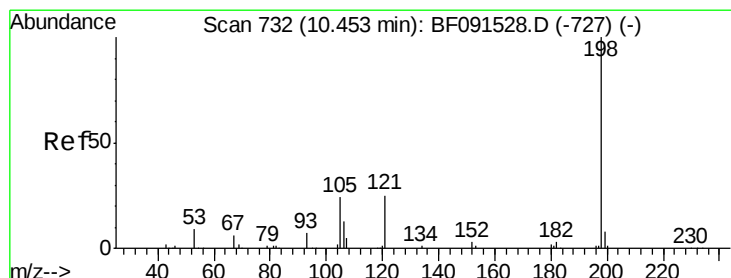
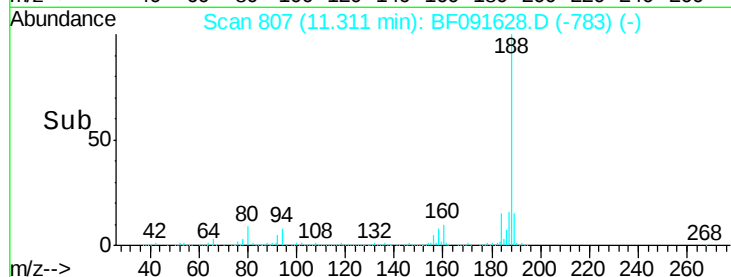
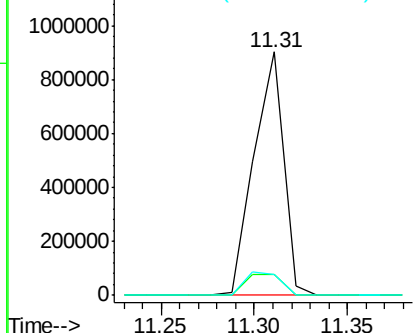
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.31 min Scan# 807  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:188 Resp: 993459  
Ion Ratio Lower Upper  
188 100  
94 8.5 9.2 13.8#  
80 8.8 10.5 15.7#

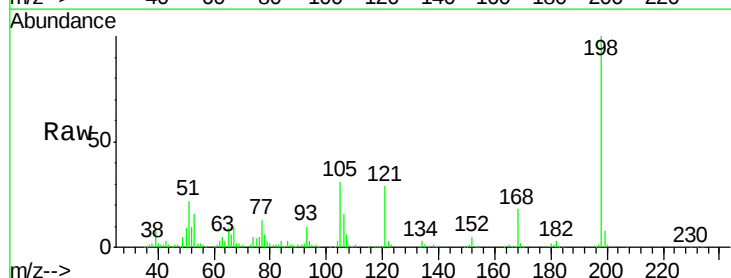


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

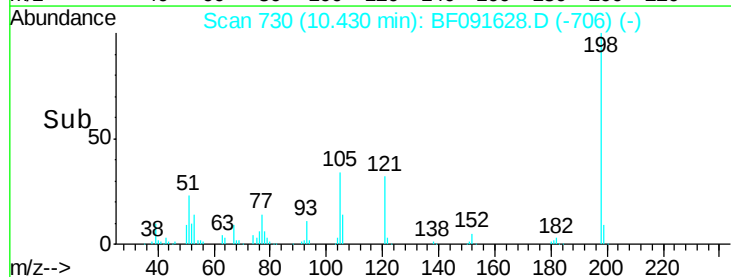
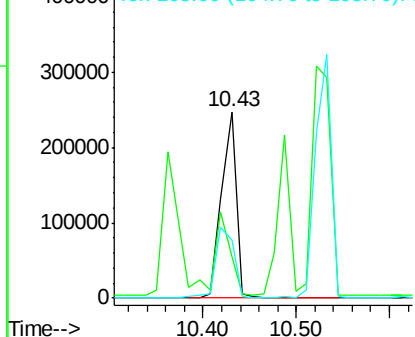


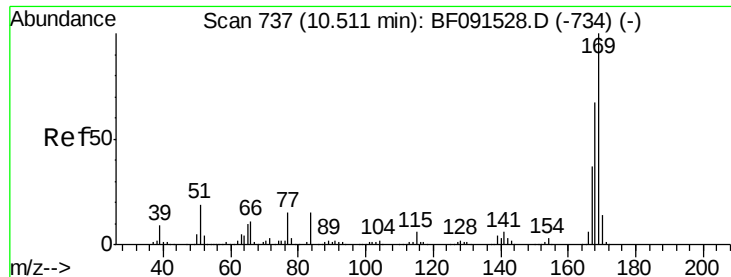
#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.05 ng  
RT: 10.43 min Scan# 730  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

Tgt Ion:198 Resp: 270645  
Ion Ratio Lower Upper  
198 100  
51 22.5 77.1 117.1#  
105 31.4 44.8 84.8#



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





#65

n-Nitrosodiphenylamine

Concen: 39.09 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

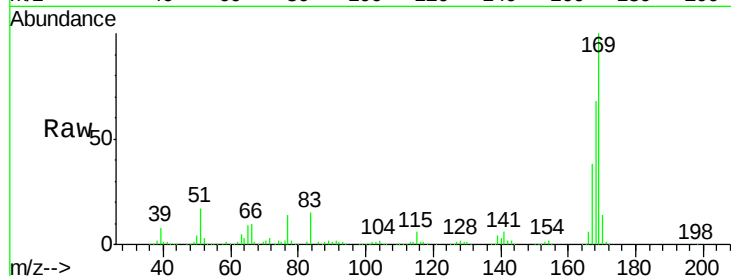
Tgt Ion:169 Resp: 1157726

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.8

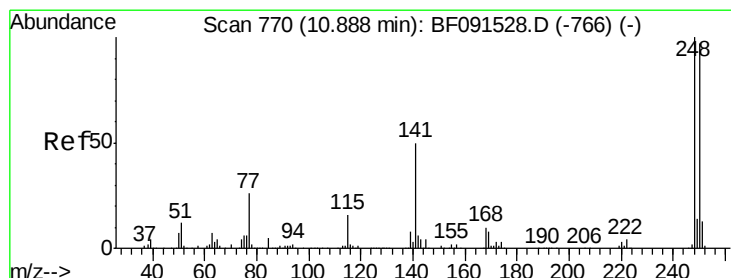
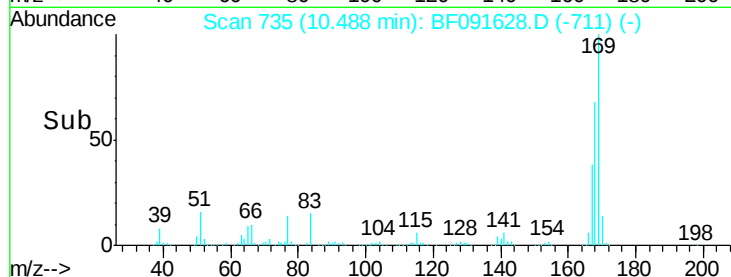
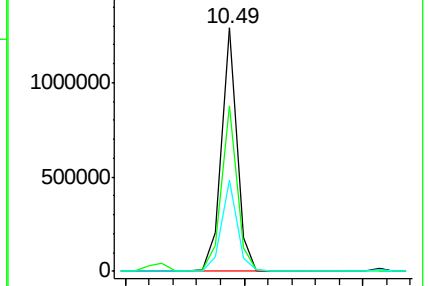
167 37.6 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.84 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

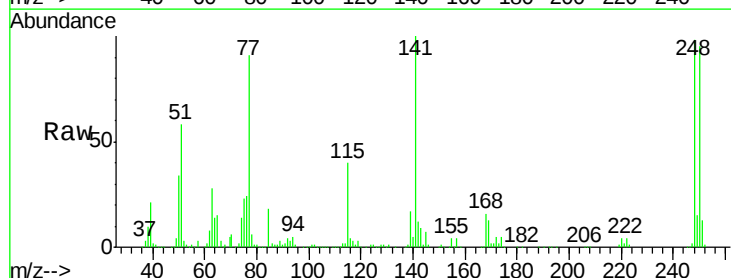
Tgt Ion:248 Resp: 395649

Ion Ratio Lower Upper

248 100

250 96.8 78.2 117.4

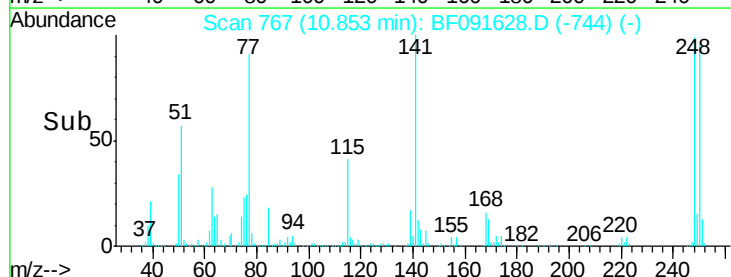
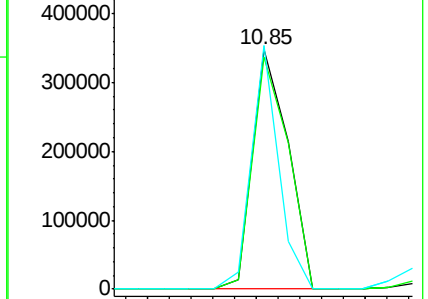
141 101.7 71.9 107.9

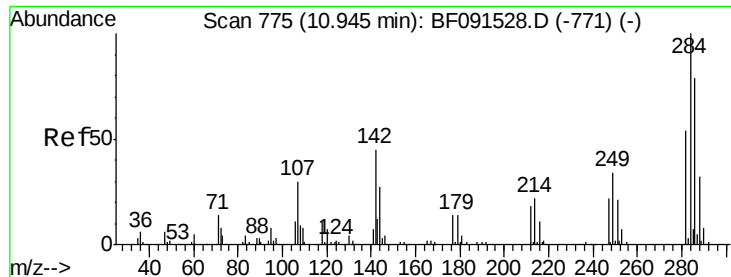


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

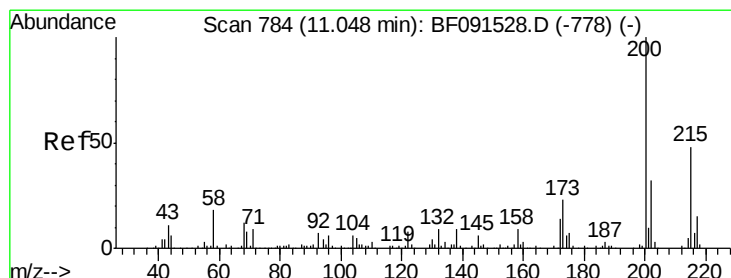
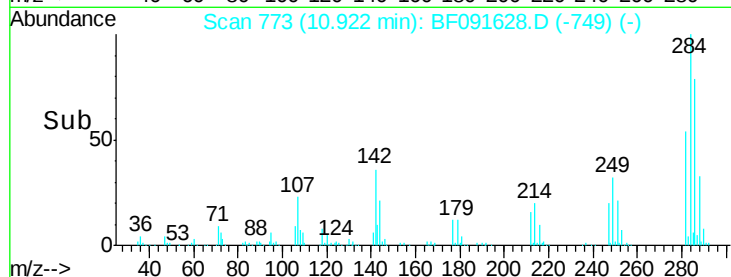
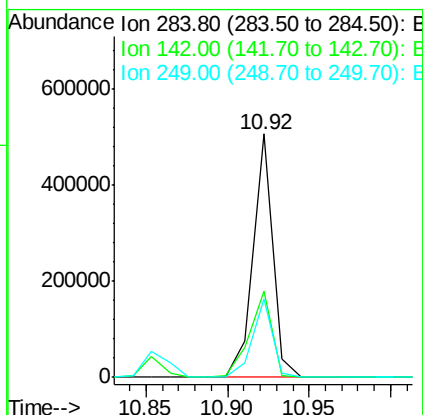
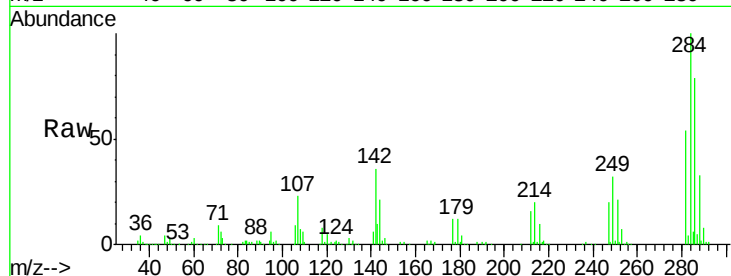




#67  
Hexachlorobenzene  
Concen: 40.44 ng  
RT: 10.92 min Scan# 773  
Delta R.T. -0.02 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

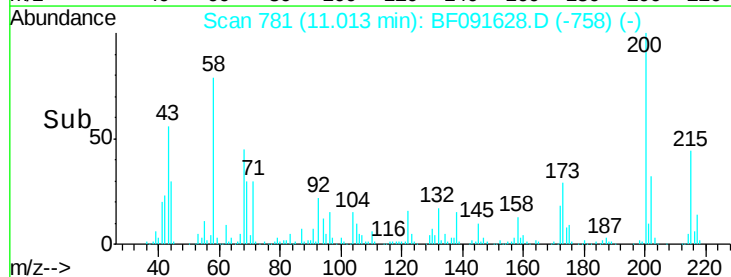
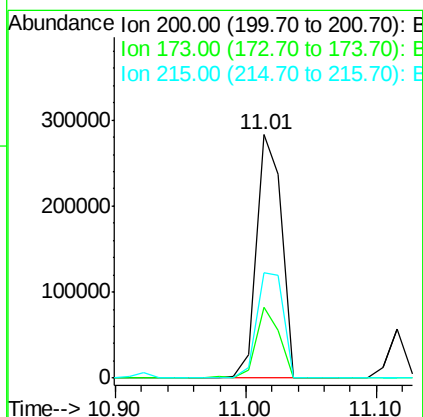
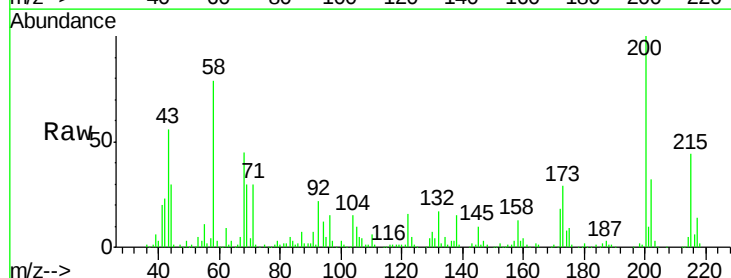
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

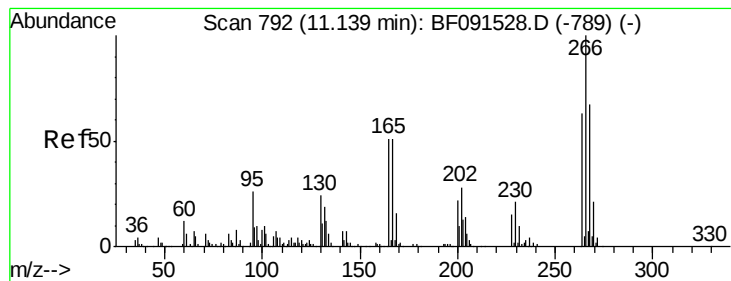
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.6  | 17.9  | 26.9  |
| 249     | 32.3  | 23.6  | 35.4  |



#68  
Atrazine  
Concen: 39.56 ng  
RT: 11.01 min Scan# 781  
Delta R.T. -0.03 min  
Lab File: BF091628.D  
Acq: 15 Dec 2016 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.1  | 7.8   | 47.8  |
| 215     | 43.5  | 24.3  | 64.3  |





#69

Pentachlorophenol

Concen: 43.62 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

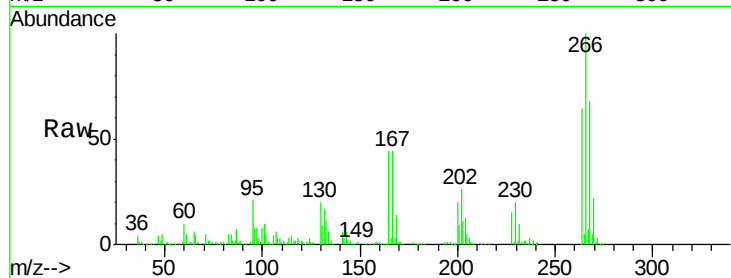
Tgt Ion:266 Resp: 259968

Ion Ratio Lower Upper

266 100

268 68.0 50.3 75.5

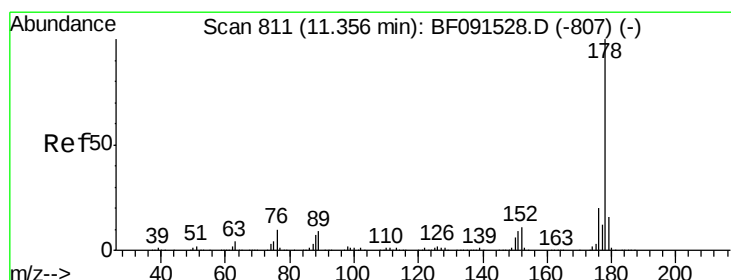
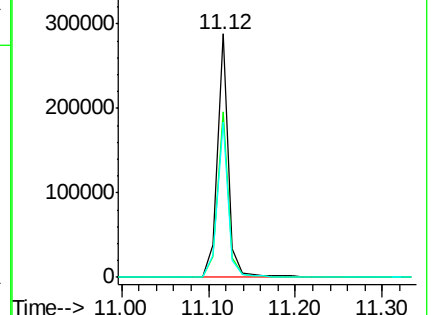
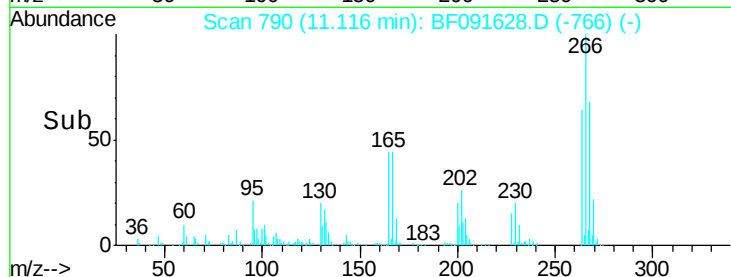
264 63.6 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.87 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

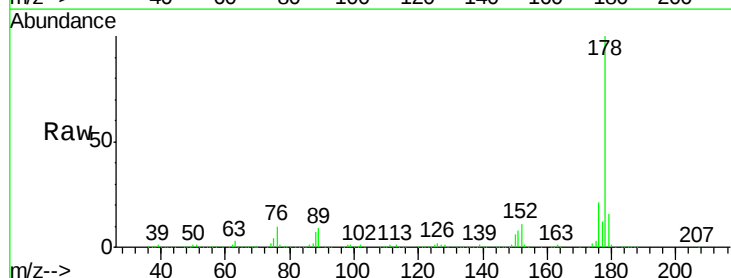
Tgt Ion:178 Resp: 2059871

Ion Ratio Lower Upper

178 100

176 20.7 15.9 23.9

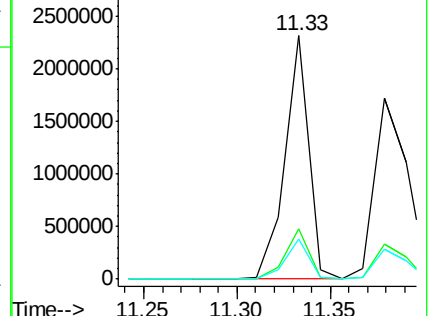
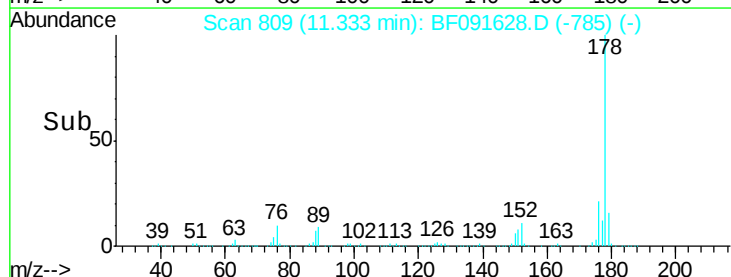
179 16.3 12.6 18.8

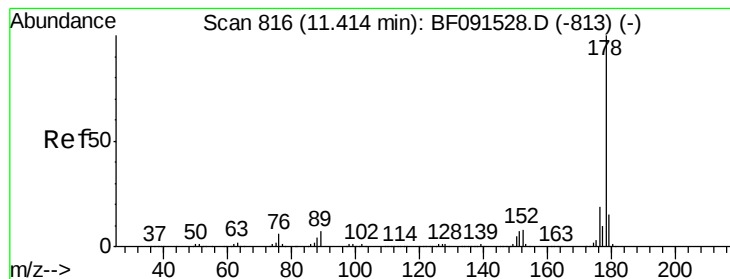


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.28 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

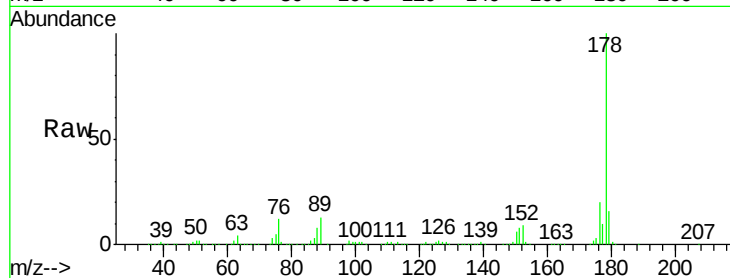
Tgt Ion:178 Resp: 2031091

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

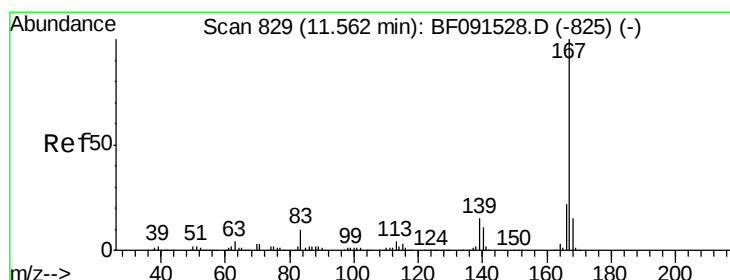
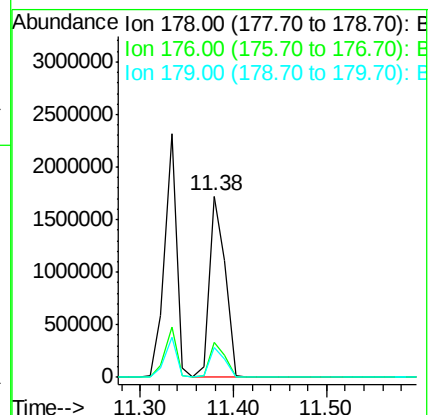
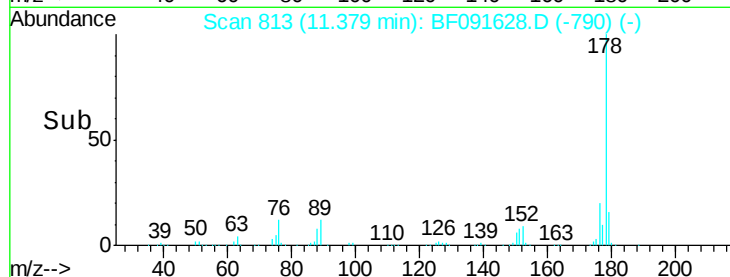
179 16.3 12.7 19.1



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

Carbazole

Concen: 39.37 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

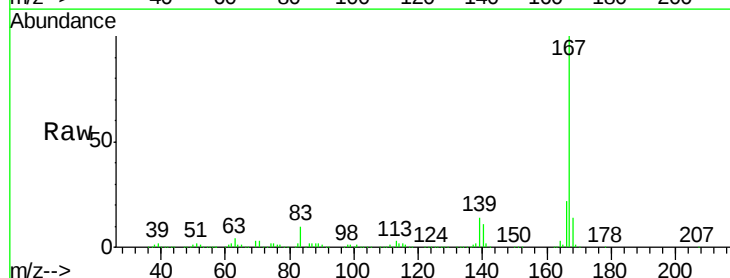
Tgt Ion:167 Resp: 1830984

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

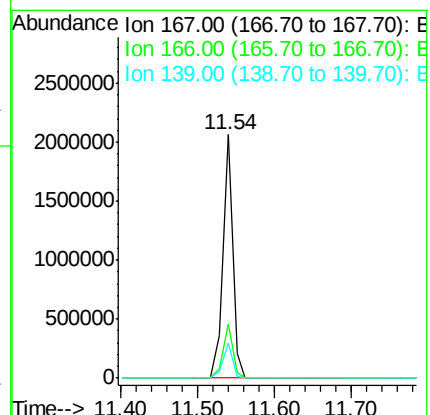
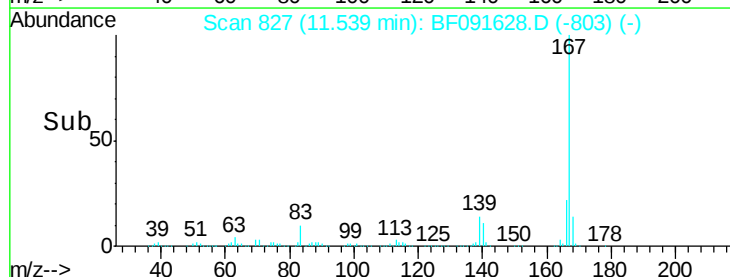
139 14.4 11.5 17.3

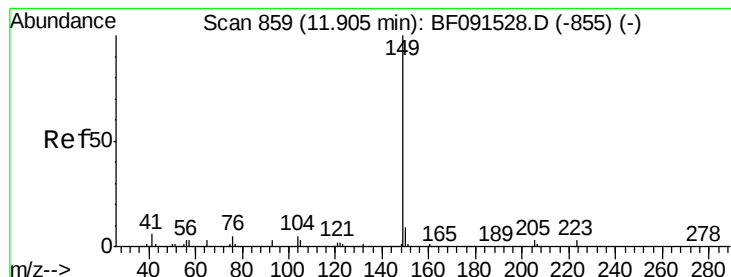


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.61 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

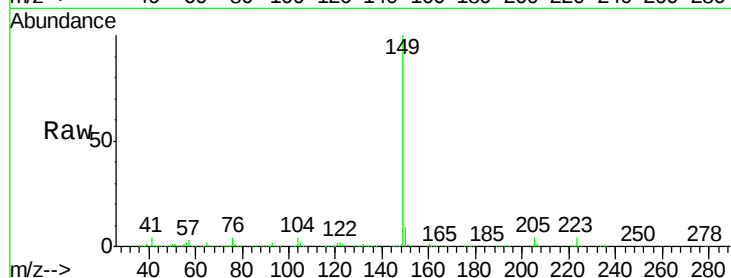
Tgt Ion:149 Resp: 2363492

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

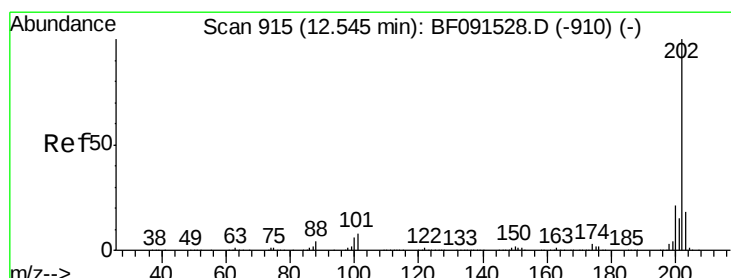
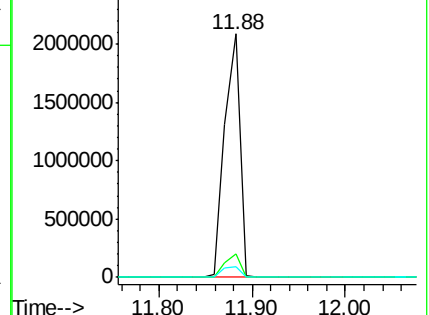
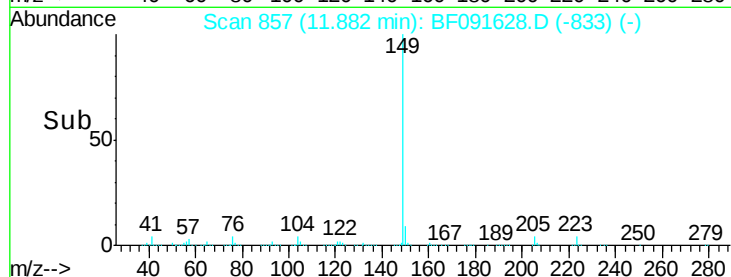
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.43 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

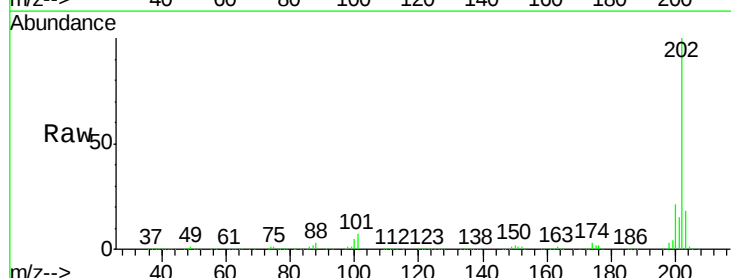
Tgt Ion:202 Resp: 2134068

Ion Ratio Lower Upper

202 100

101 6.9 0.0 29.5

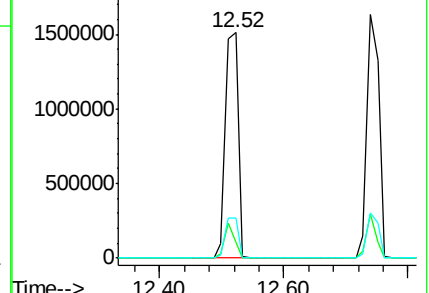
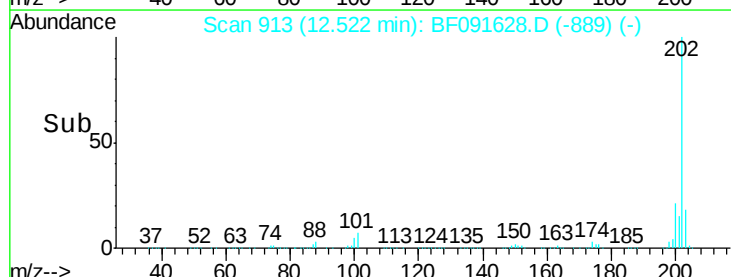
203 17.7 0.0 37.8

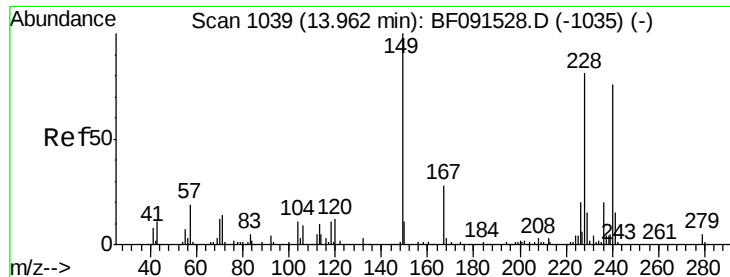


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

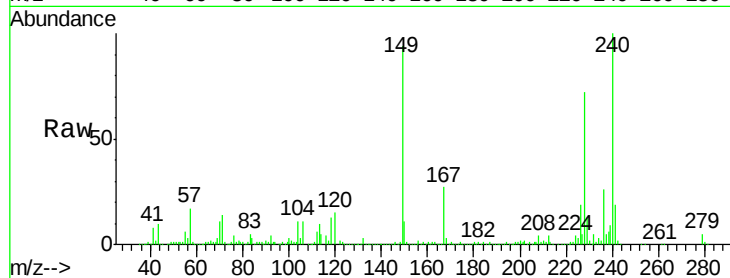
Tgt Ion:240 Resp: 664462

Ion Ratio Lower Upper

240 100

120 15.3 12.1 18.1

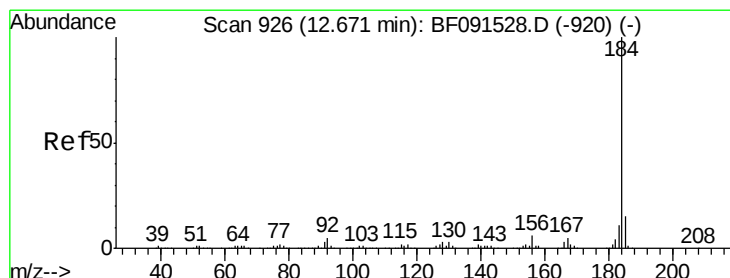
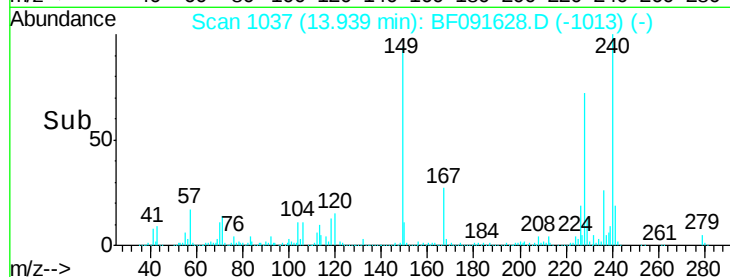
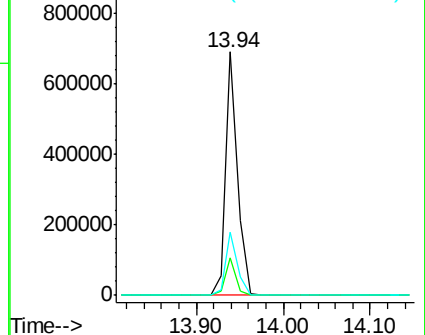
236 26.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.93 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

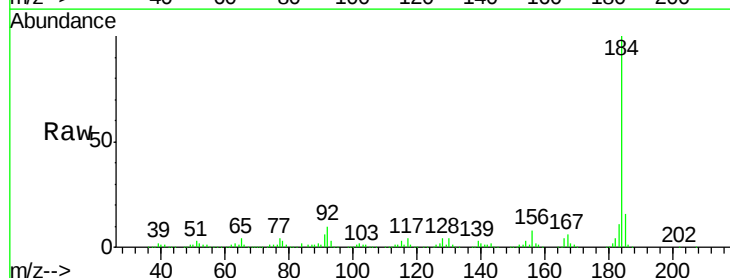
Tgt Ion:184 Resp: 717605

Ion Ratio Lower Upper

184 100

185 15.7 13.1 19.7

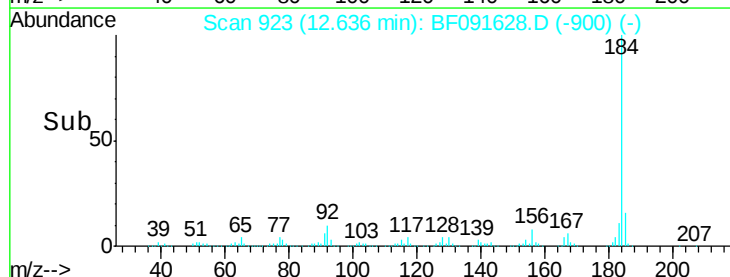
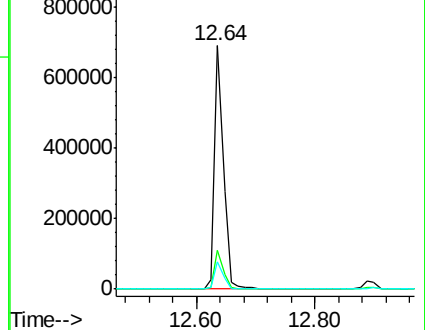
183 11.4 8.9 13.3

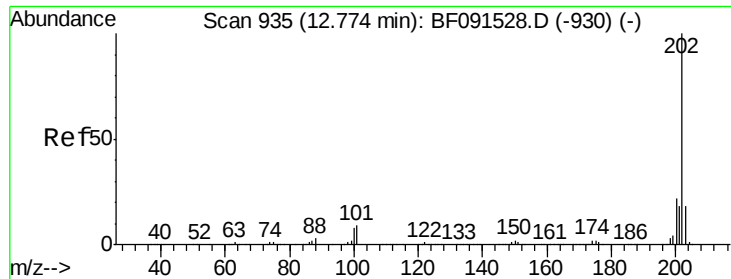


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

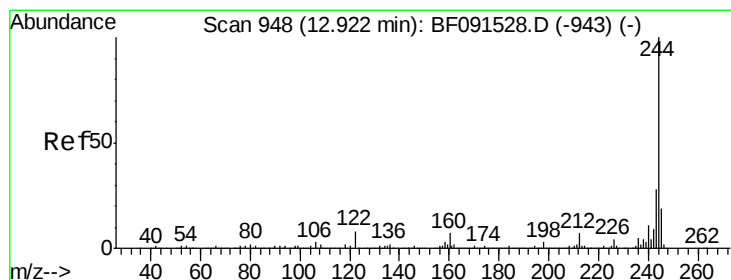
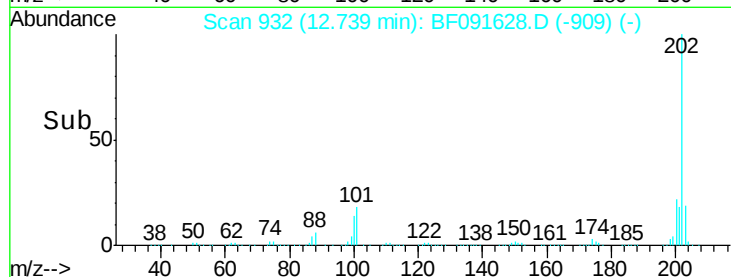
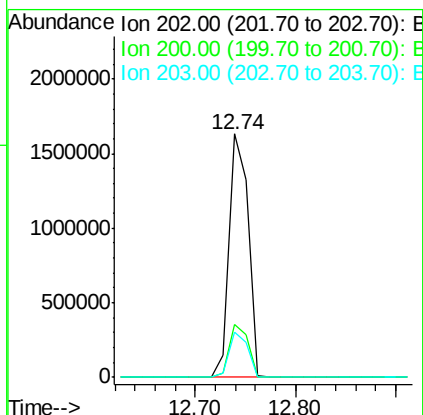
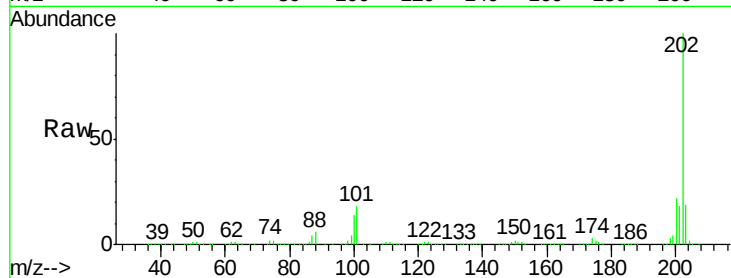




#77  
 Pyrene  
 Concen: 40.67 ng  
 RT: 12.74 min Scan# 932  
 Delta R.T. -0.03 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

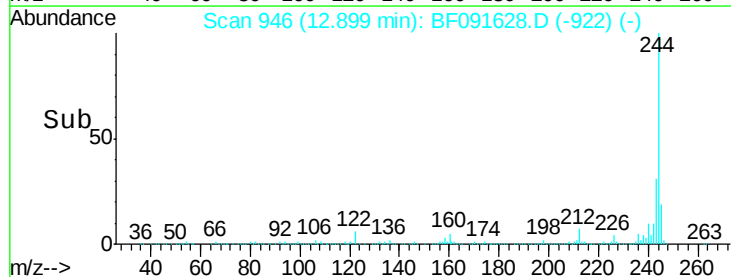
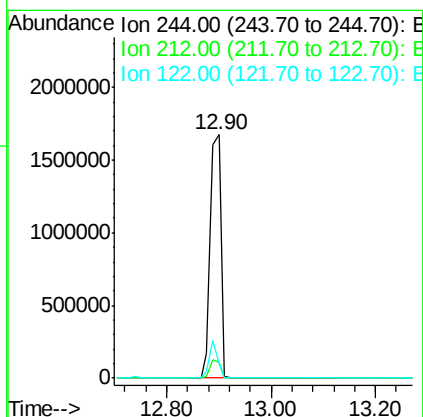
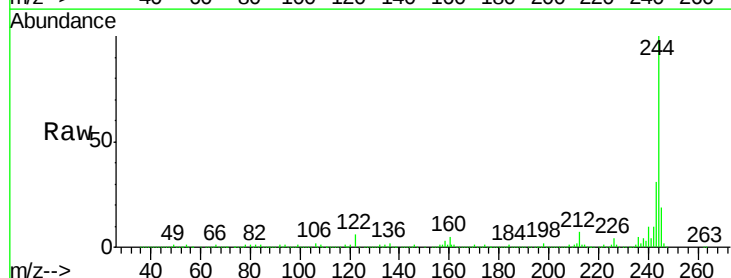
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

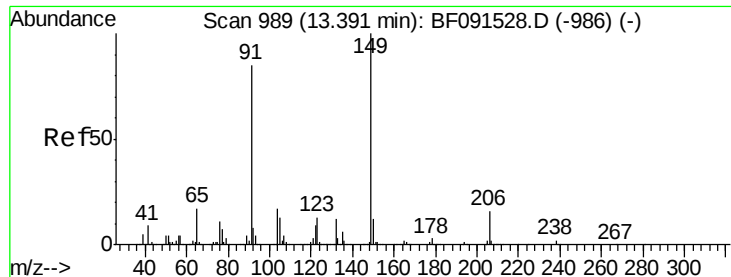
Tgt Ion:202 Resp: 2143767  
 Ion Ratio Lower Upper  
 202 100  
 200 21.8 17.6 26.4  
 203 18.6 14.0 21.0



#78  
 Terphenyl-d14  
 Concen: 81.64 ng  
 RT: 12.90 min Scan# 946  
 Delta R.T. -0.02 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion:244 Resp: 2390572  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 6.5 9.7  
 122 6.2 9.5 14.3#





#79

Butylbenzylphthalate

Concen: 43.99 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

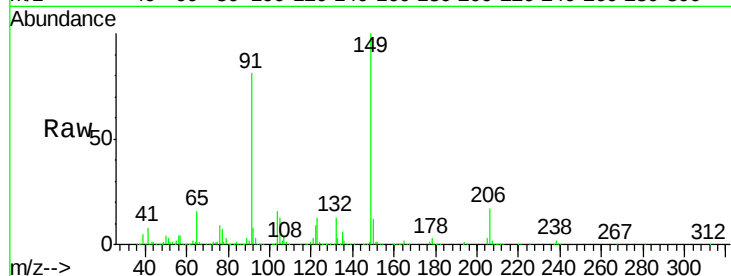
Tgt Ion:149 Resp: 904034

Ion Ratio Lower Upper

149 100

91 80.6 57.4 86.2

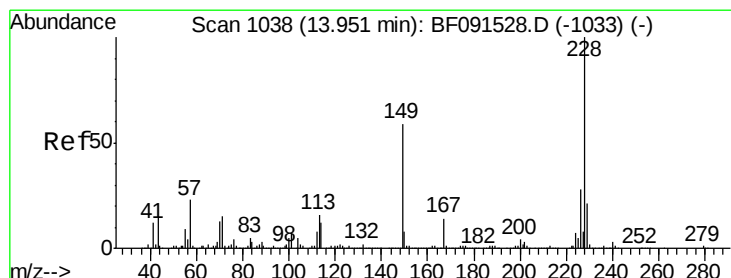
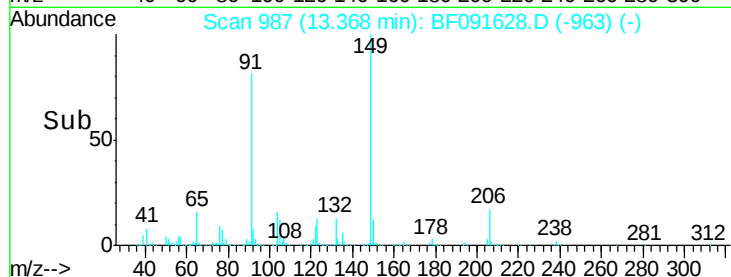
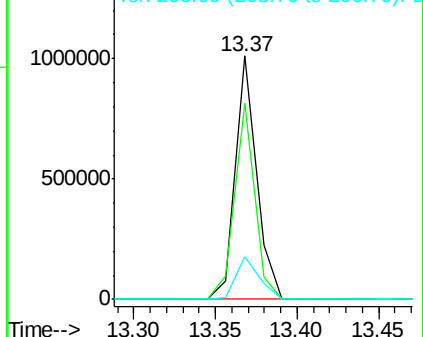
206 17.3 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.93 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

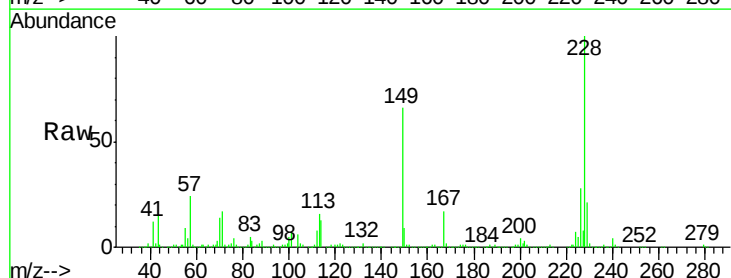
Tgt Ion:228 Resp: 1579483

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

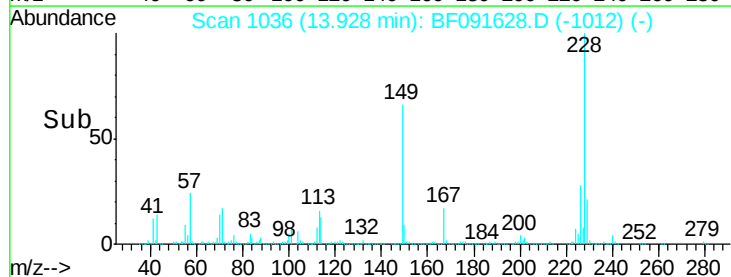
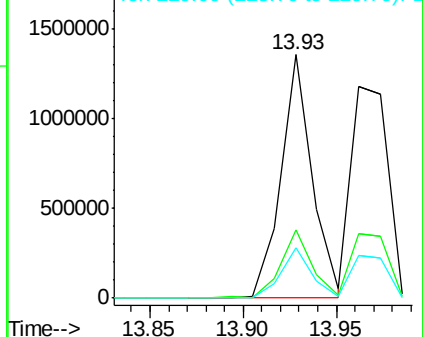
229 20.7 16.4 24.6

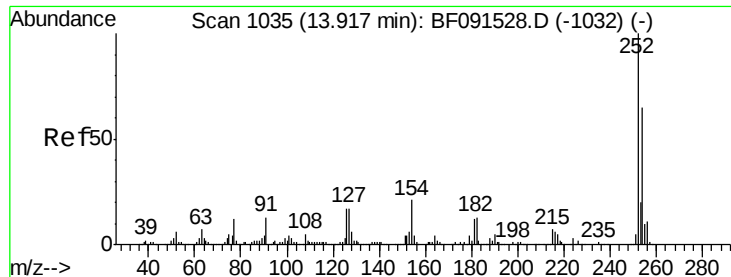


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 41.94 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

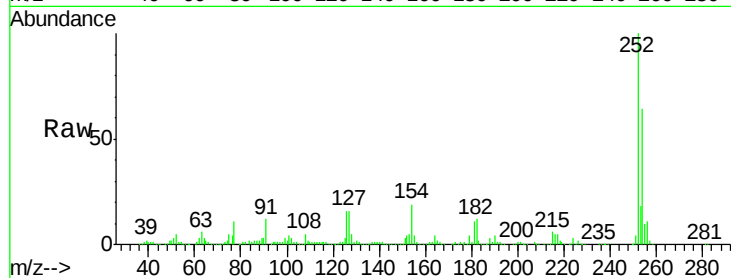
Tgt Ion:252 Resp: 581146

Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

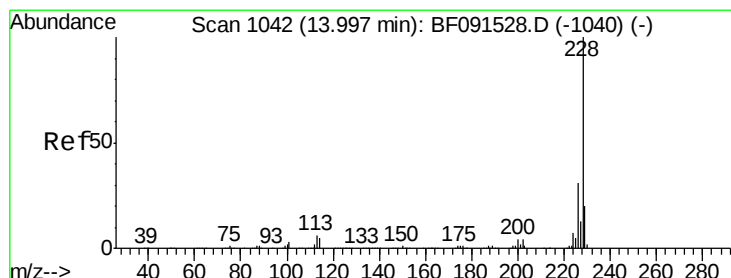
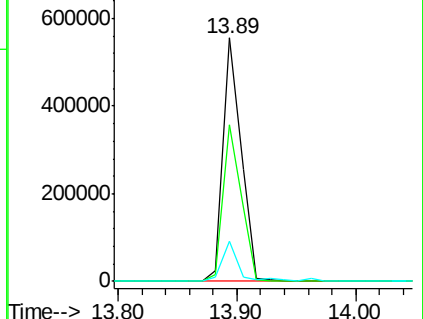
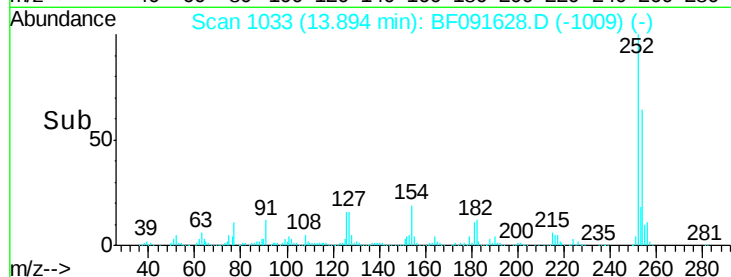
126 16.4 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.24 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

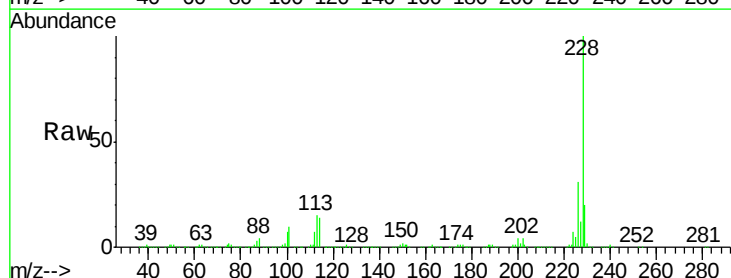
Tgt Ion:228 Resp: 1624544

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

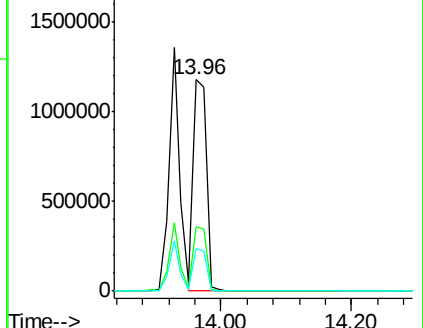
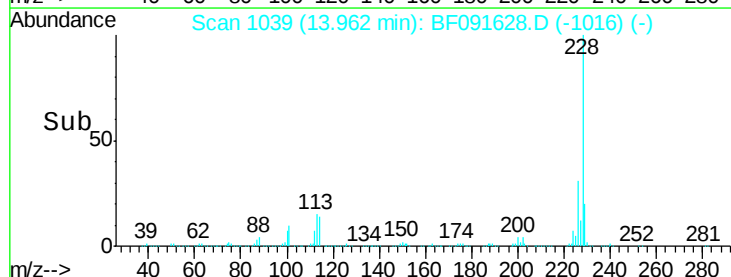
229 20.2 16.0 24.0

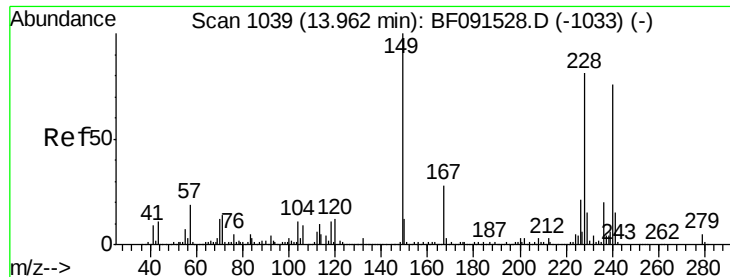


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.41 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

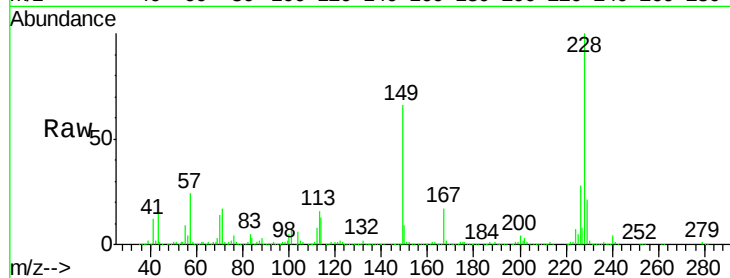
Tgt Ion:149 Resp: 1091673

Ion Ratio Lower Upper

149 100

167 25.3 19.6 29.4

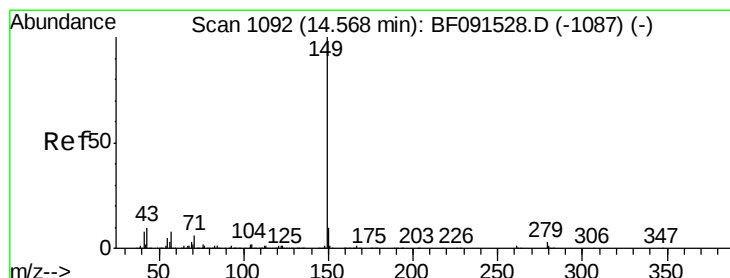
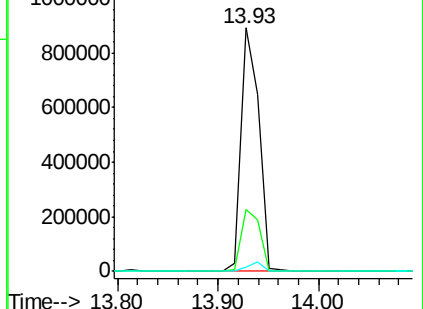
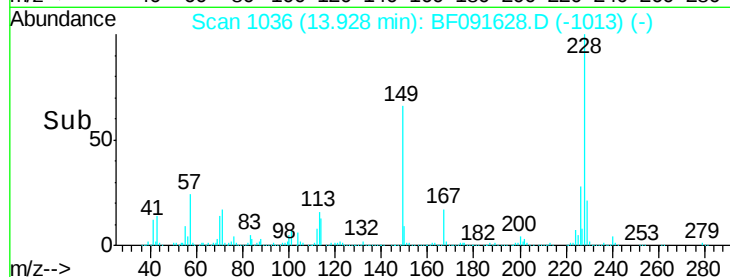
279 2.0 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.23 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

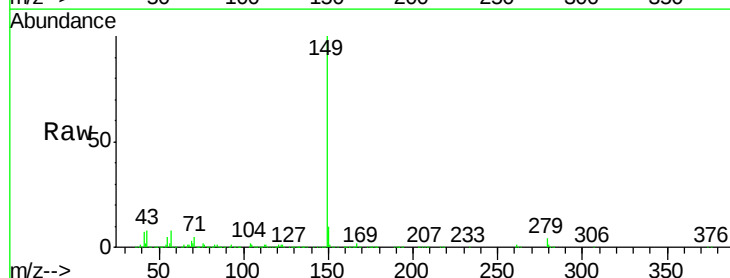
Tgt Ion:149 Resp: 1979086

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

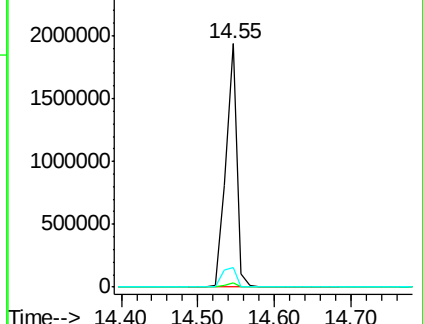
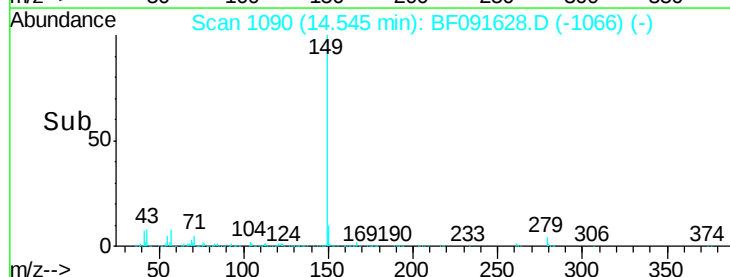
43 10.6 11.9 17.9#

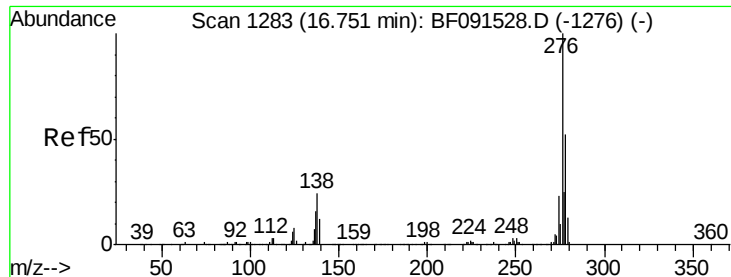


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

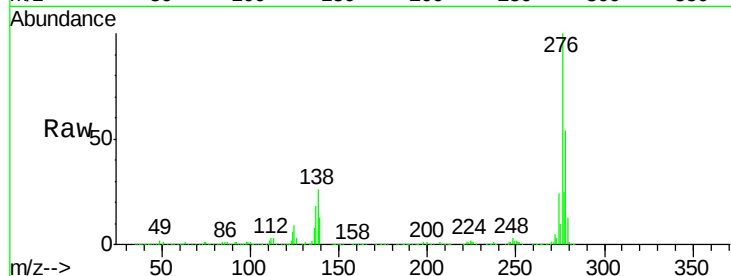




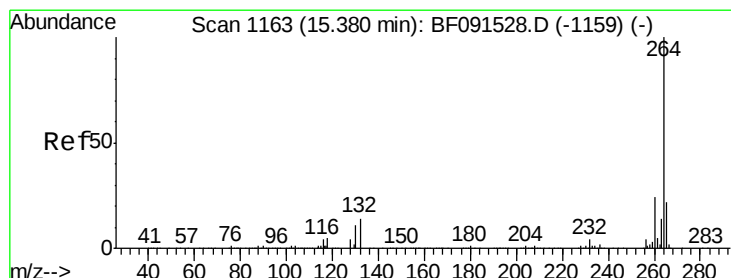
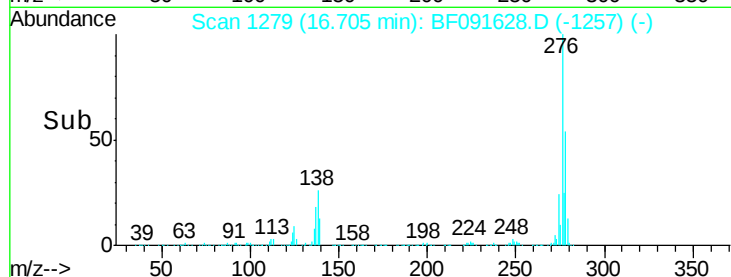
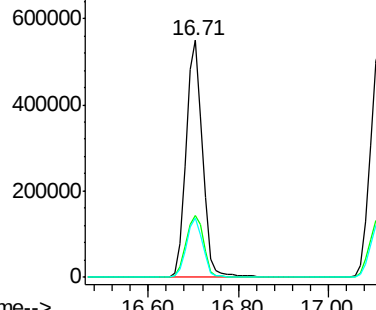
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.53 ng  
 RT: 16.71 min Scan# 1279  
 Delta R.T. -0.05 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:276 Resp: 1399693  
 Ion Ratio Lower Upper  
 276 100  
 138 28.6 21.0 31.4  
 277 25.1 20.2 30.2

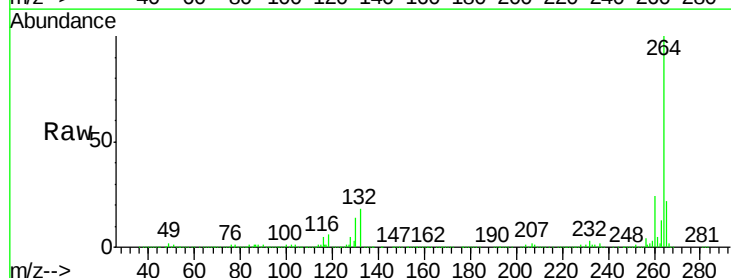


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

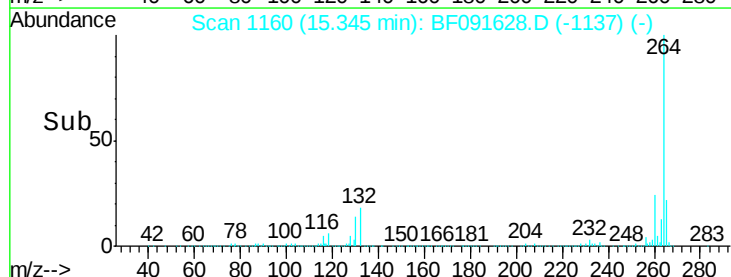
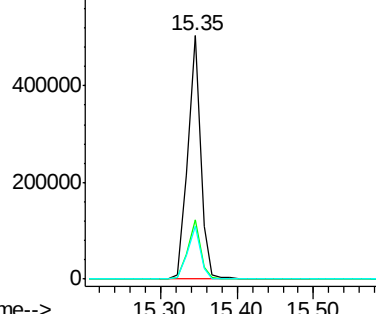


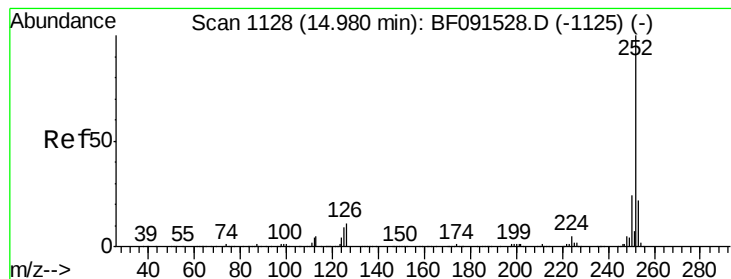
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.35 min Scan# 1160  
 Delta R.T. -0.03 min  
 Lab File: BF091628.D  
 Acq: 15 Dec 2016 15:09

Tgt Ion:264 Resp: 591216  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.8 28.2  
 265 21.7 17.0 25.6



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





#87

Benzo(b)fluoranthene

Concen: 81.44 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

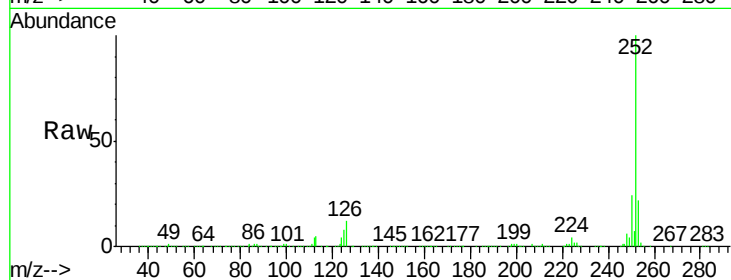
Tgt Ion:252 Resp: 2870411

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

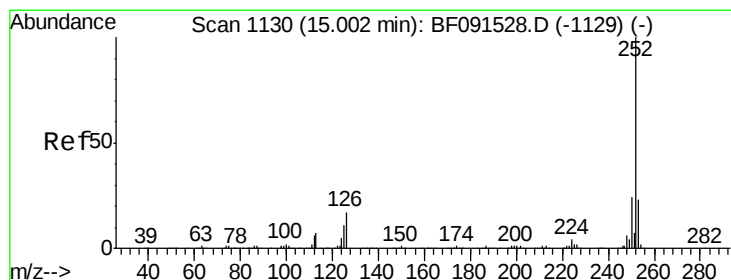
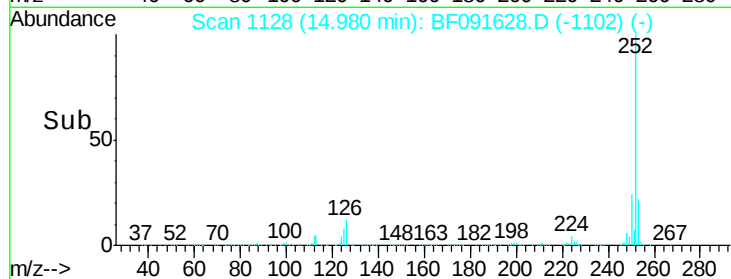
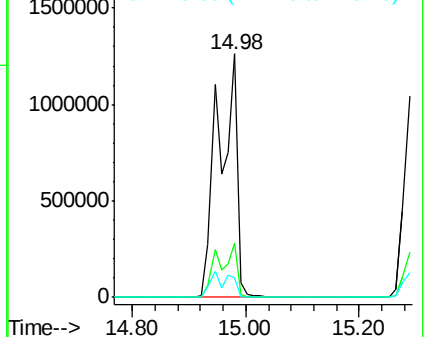
125 8.2 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 92.63 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

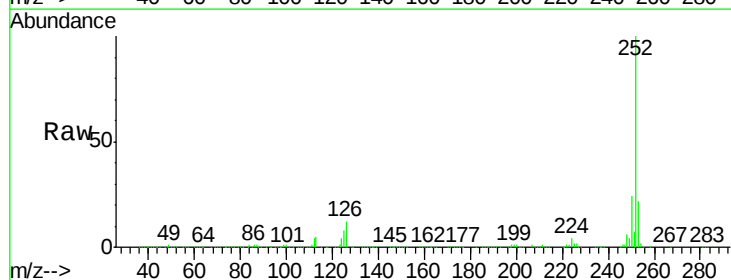
Tgt Ion:252 Resp: 2870411

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

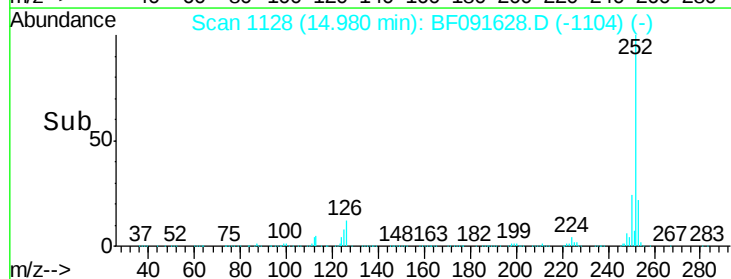
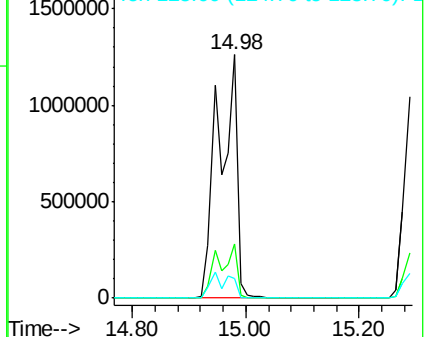
125 8.2 9.6 14.4#

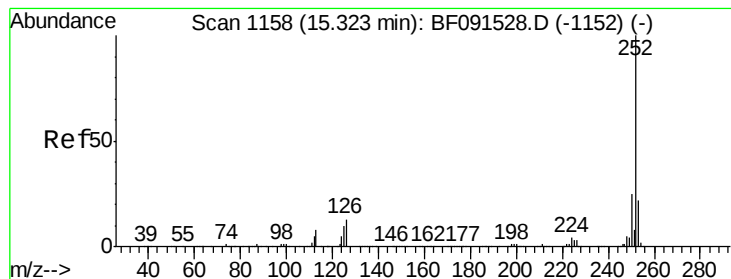


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.65 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

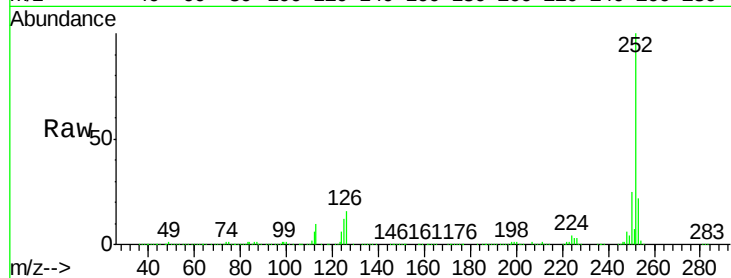
Tgt Ion:252 Resp: 1322530

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

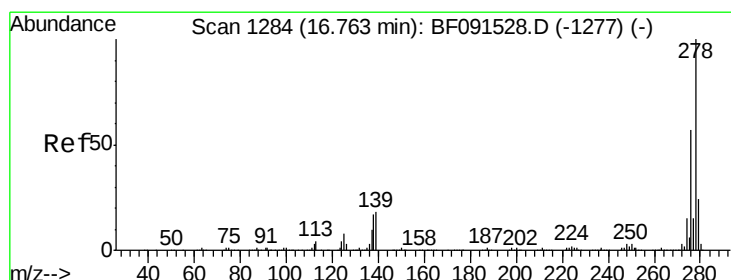
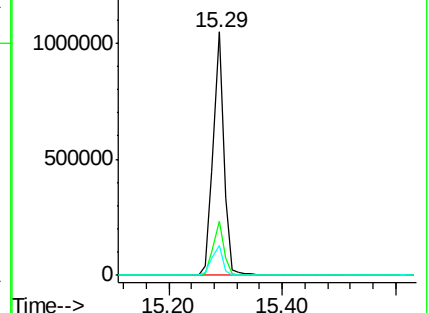
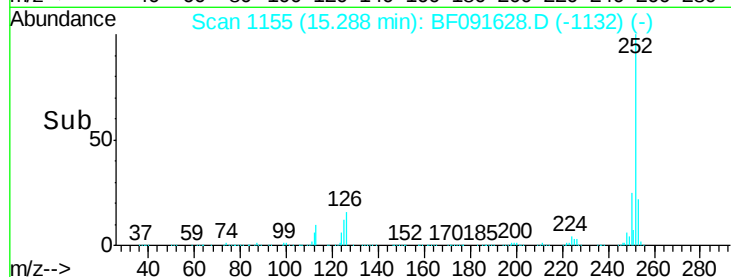
125 12.4 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.59 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.05 min

Lab File: BF091628.D

Acq: 15 Dec 2016 15:09

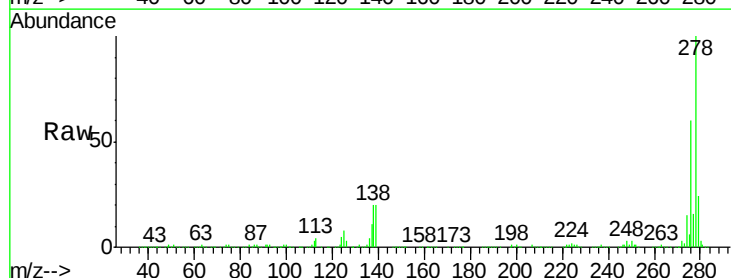
Tgt Ion:278 Resp: 1183064

Ion Ratio Lower Upper

278 100

139 19.8 15.1 22.7

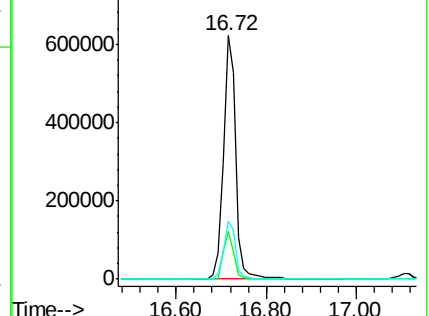
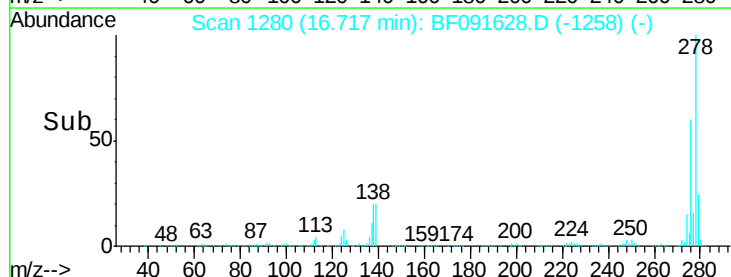
279 24.0 19.0 28.6

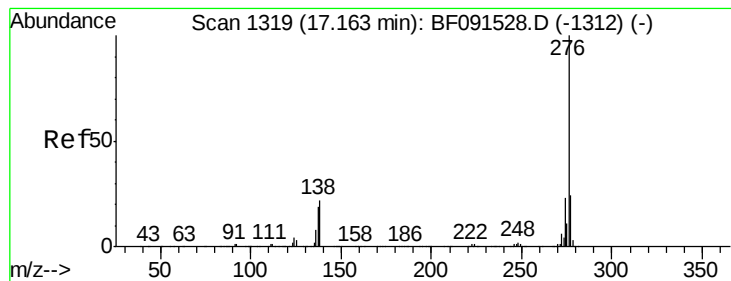


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.51 ng

RT: 17.12 min Scan# 1315

Delta R.T. -0.05 min

Lab File: BF091628.D

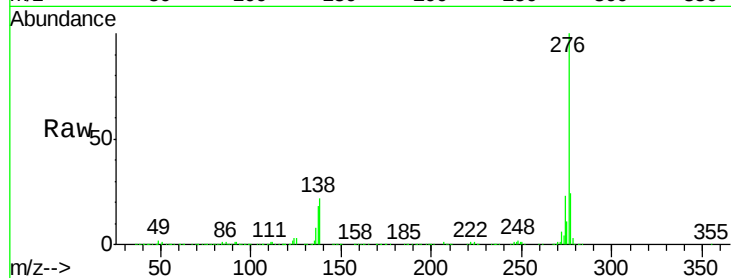
Acq: 15 Dec 2016 15:09

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



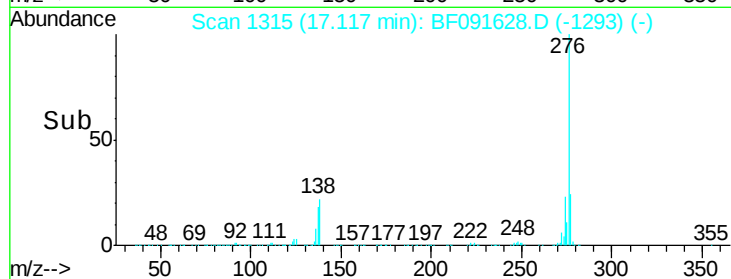
Tgt Ion: 276 Resp: 1230424

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.6 15.4 23.0



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

