

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF040216\  
 Data File : BF085998.D  
 Acq On : 2 Apr 2016 8:48  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 04 01:00:08 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 108393   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.06  | 136  | 436744   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.81  | 164  | 210498   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.29 | 188  | 403175   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.93 | 240  | 339016   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.33 | 264  | 301285   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 509862  | 80.40 | ng | 0.00 |
| 7) Phenol-d6             | 6.42  | 99  | 662991  | 82.31 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.34  | 82  | 575045  | 77.65 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 162808  | 82.40 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.14  | 172 | 1056846 | 83.48 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.88 | 244 | 1097702 | 76.11 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.29 | 88  | 119519 | 39.75 | ng | 99     |
| 3) Pyridine                    | 3.01 | 79  | 292448 | 43.45 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.96 | 42  | 119515 | 40.38 | ng | 99     |
| 6) Aniline                     | 6.44 | 93  | 423816 | 40.10 | ng | 98     |
| 8) 2-Chlorophenol              | 6.56 | 128 | 297206 | 39.30 | ng | 95     |
| 9) Benzaldehyde                | 6.33 | 77  | 164844 | 38.03 | ng | 93     |
| 10) Phenol                     | 6.43 | 94  | 390435 | 42.49 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 6.51 | 93  | 264193 | 36.31 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.72 | 146 | 311379 | 38.85 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.78 | 146 | 314681 | 38.11 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.94 | 146 | 301323 | 39.65 | ng | 99     |
| 15) Benzyl Alcohol             | 6.92 | 79  | 201330 | 38.63 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 350920 | 39.48 | ng | 92     |
| 17) 2-Methylphenol             | 7.04 | 107 | 227197 | 38.10 | ng | 97     |
| 18) Hexachloroethane           | 7.28 | 117 | 117714 | 38.76 | ng | # 77   |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 188802 | 37.82 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 282599 | 38.97 | ng | 95     |
| 22) Acetophenone               | 7.20 | 105 | 405368 | 39.48 | ng | # 94   |
| 24) Nitrobenzene               | 7.37 | 77  | 316484 | 39.06 | ng | # 85   |
| 25) Isophorone                 | 7.61 | 82  | 571671 | 39.10 | ng | # 93   |
| 26) 2-Nitrophenol              | 7.68 | 139 | 153540 | 39.61 | ng | # 79   |
| 27) 2,4-Dimethylphenol         | 7.72 | 122 | 258167 | 37.08 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.81 | 93  | 319609 | 37.26 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 227860 | 38.71 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.01 | 180 | 255590 | 38.68 | ng | 93     |
| 31) Naphthalene                | 8.08 | 128 | 813446 | 37.03 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 196677 | 38.50 | ng | 99     |
| 33) 4-Chloroaniline            | 8.13 | 127 | 337329 | 38.01 | ng | # 91   |
| 34) Hexachlorobutadiene        | 8.20 | 225 | 138927 | 39.11 | ng | 100    |
| 35) Caprolactam                | 8.52 | 113 | 84307  | 45.15 | ng | # 67   |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 264848 | 40.03 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.77 | 142 | 538814 | 37.55 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.94 | 216 | 235418 | 37.21 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 8.92 | 237 | 71364  | 40.35 | ng | 99     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 04 01:00:08 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 01 23:17:06 2016  
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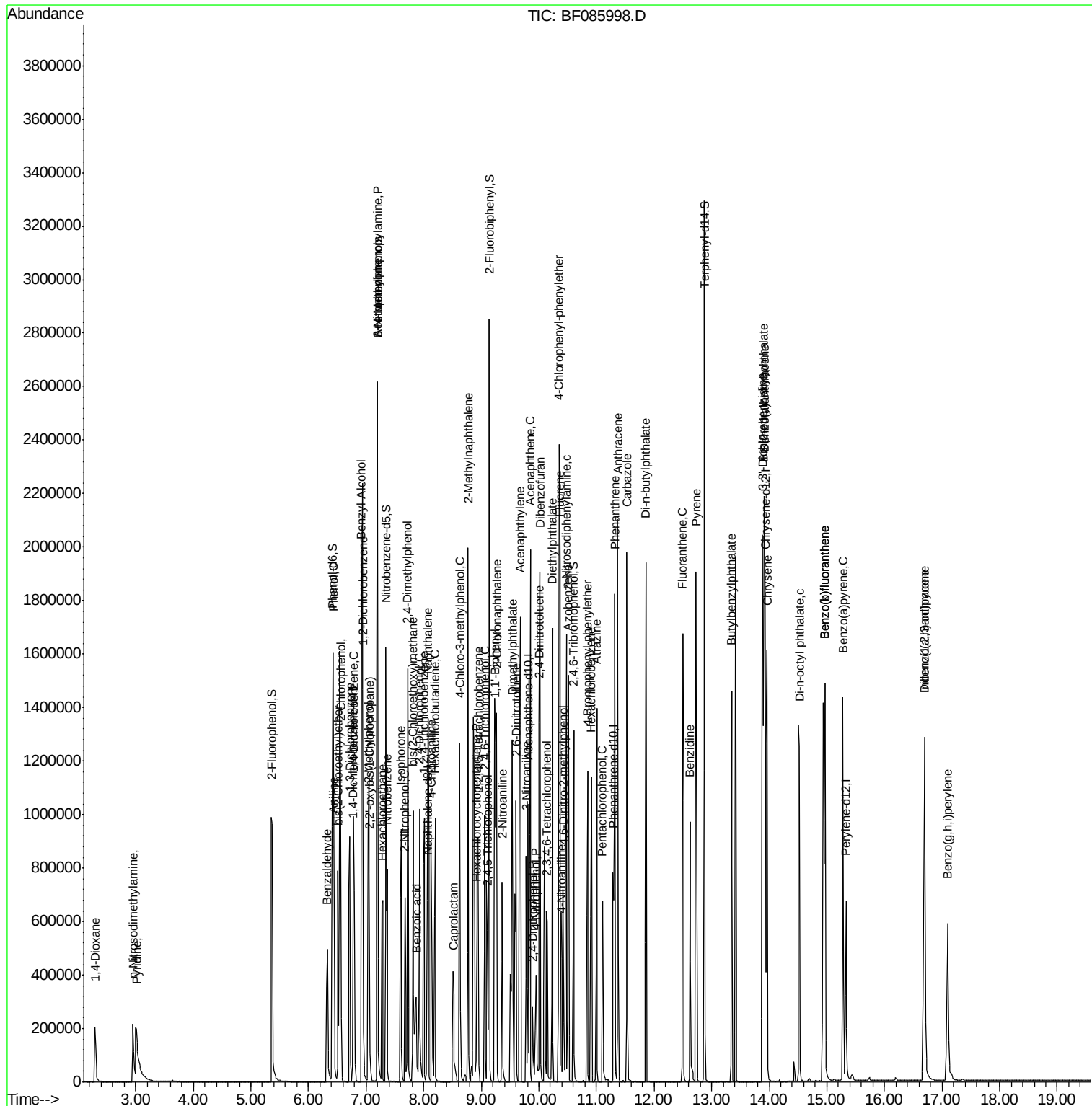
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.06  | 196  | 158834   | 39.10 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.10  | 196  | 159548   | 38.68 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 9.24  | 154  | 683028   | 37.63 | ng    | 93       |
| 46) 2-Chloronaphthalene        | 9.26  | 162  | 519600   | 39.49 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 152910   | 39.72 | ng    | # 69     |
| 48) Acenaphthylene             | 9.68  | 152  | 859318   | 40.77 | ng    | 99       |
| 49) Dimethylphthalate          | 9.54  | 163  | 588298   | 37.71 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.61  | 165  | 141288   | 42.80 | ng    | # 82     |
| 51) Acenaphthene               | 9.85  | 154  | 502692   | 40.10 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.78  | 138  | 167850   | 42.19 | ng    | 89       |
| 53) 2,4-Dinitrophenol          | 9.89  | 184  | 62316    | 38.60 | ng    | # 72     |
| 54) Dibenzofuran               | 10.02 | 168  | 666293   | 40.25 | ng    | 99       |
| 55) 4-Nitrophenol              | 9.95  | 139  | 90351    | 38.52 | ng    | 91       |
| 56) 2,4-Dinitrotoluene         | 10.01 | 165  | 158893   | 38.09 | ng    | # 39     |
| 57) Fluorene                   | 10.36 | 166  | 575193   | 40.68 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 121425   | 39.54 | ng    | 96       |
| 59) Diethylphthalate           | 10.24 | 149  | 613563   | 38.96 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.35 | 204  | 267530   | 40.62 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.40 | 138  | 166288   | 42.44 | ng    | 92       |
| 62) Azobenzene                 | 10.51 | 77   | 616408   | 40.87 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 97612    | 39.95 | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 10.48 | 169  | 510537   | 40.49 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.84 | 248  | 167769   | 40.76 | ng    | 94       |
| 67) Hexachlorobenzene          | 10.91 | 284  | 177057   | 41.60 | ng    | 98       |
| 68) Atrazine                   | 11.00 | 200  | 156165   | 38.33 | ng    | 98       |
| 69) Pentachlorophenol          | 11.10 | 266  | 80822    | 40.51 | ng    | 99       |
| 70) Phenanthrene               | 11.32 | 178  | 870600   | 39.58 | ng    | 99       |
| 71) Anthracene                 | 11.37 | 178  | 817610   | 35.49 | ng    | 100      |
| 72) Carbazole                  | 11.53 | 167  | 744653   | 37.60 | ng    | 100      |
| 73) Di-n-butylphthalate        | 11.86 | 149  | 1019656  | 41.55 | ng    | 100      |
| 74) Fluoranthene               | 12.50 | 202  | 854948   | 37.37 | ng    | 99       |
| 76) Benzidine                  | 12.62 | 184  | 438339   | 36.65 | ng    | 99       |
| 77) Pyrene                     | 12.73 | 202  | 858825   | 35.95 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.35 | 149  | 426975   | 39.69 | ng    | # 70     |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 749895   | 37.53 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.88 | 252  | 576258   | 39.48 | ng    | 98       |
| 82) Chrysene                   | 13.96 | 228  | 786473   | 40.86 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.91 | 149  | 567630   | 39.76 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.52 | 149  | 998870   | 43.81 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.69 | 276  | 612905   | 39.24 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.97 | 252  | 1410633  | 74.43 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 14.97 | 252  | 1411233  | 84.09 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.28 | 252  | 638668   | 38.03 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 16.69 | 278  | 519160   | 38.43 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.09 | 276  | 486780   | 37.23 | ng    | 98       |

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

```
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Data File : BF085998.D  
Acq On    : 2 Apr 2016    8:48  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

Quant Time: Apr 04 01:00:08 2016  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040216.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 01 23:17:06 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

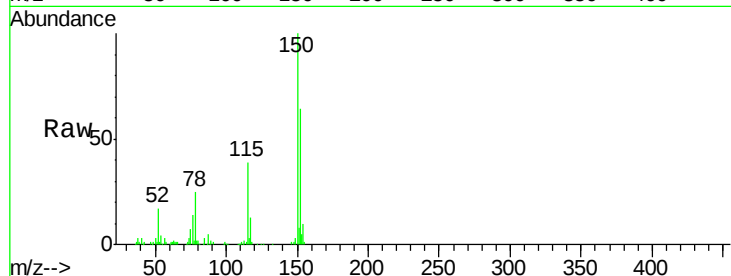
Tgt Ion:152 Resp: 108393

Ion Ratio Lower Upper

152 100

150 156.8 124.2 186.2

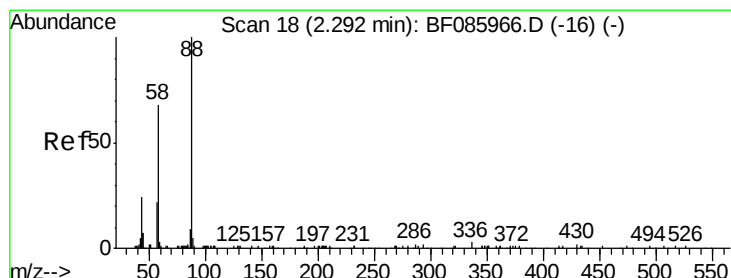
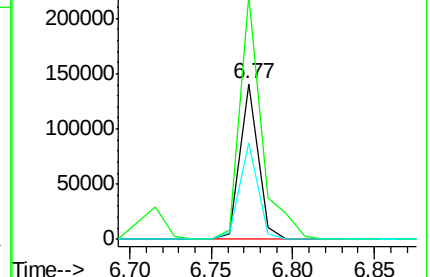
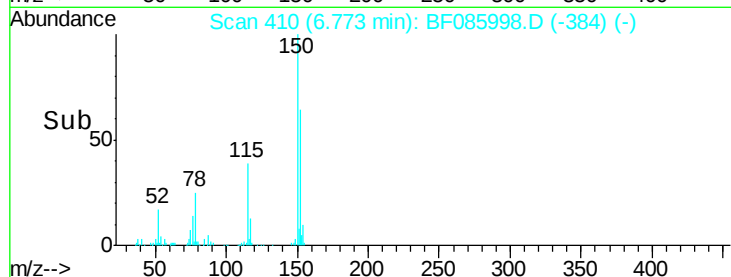
115 61.9 47.0 70.6



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: 39.75 ng

RT: 2.29 min Scan# 18

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

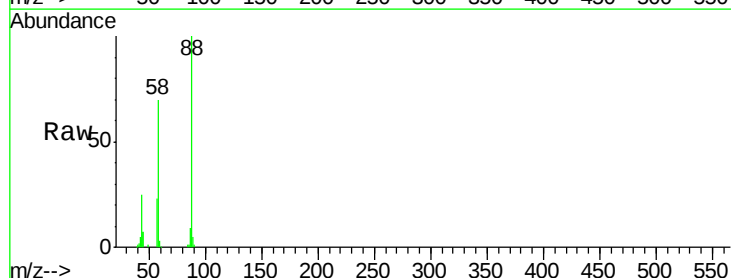
Tgt Ion: 88 Resp: 119519

Ion Ratio Lower Upper

88 100

58 66.6 54.2 81.2

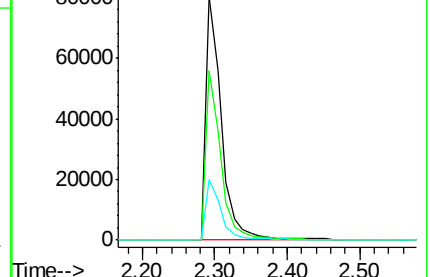
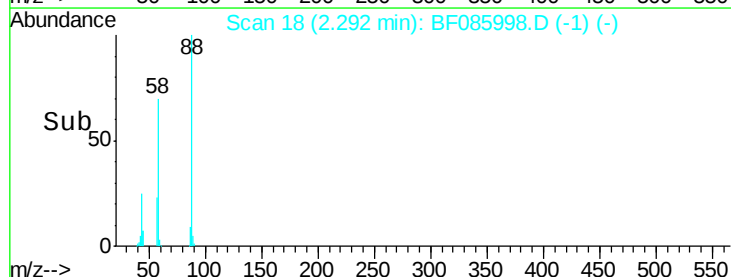
43 24.4 19.3 28.9



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: 43.45 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

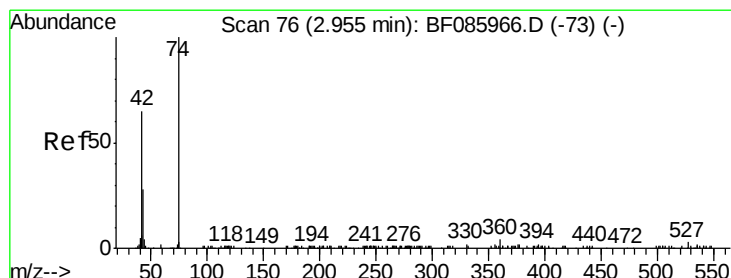
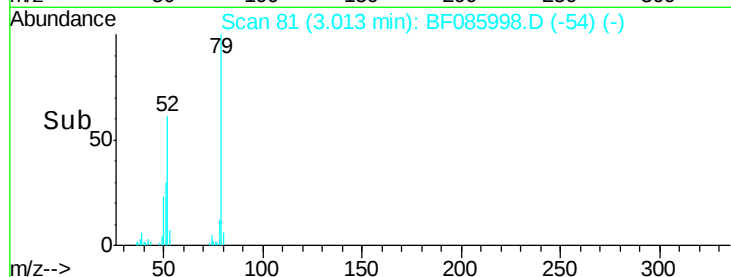
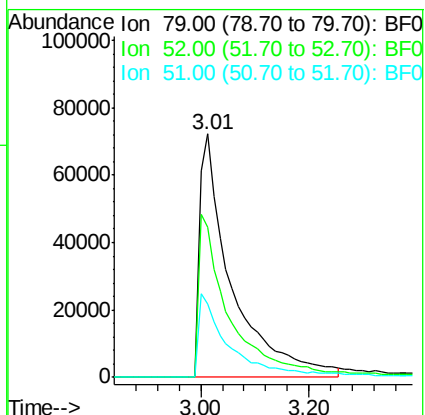
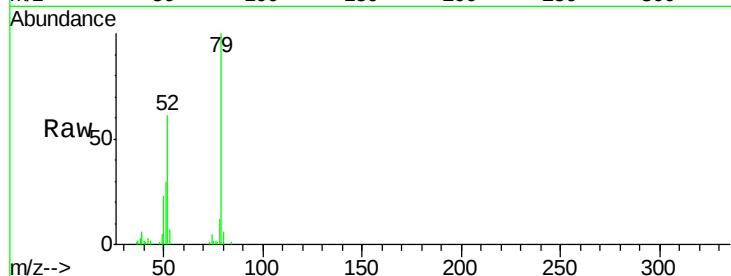
Tgt Ion: 79 Resp: 292448

Ion Ratio Lower Upper

79 100

52 61.5 49.8 74.6

51 30.1 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 40.38 ng

RT: 2.96 min Scan# 76

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

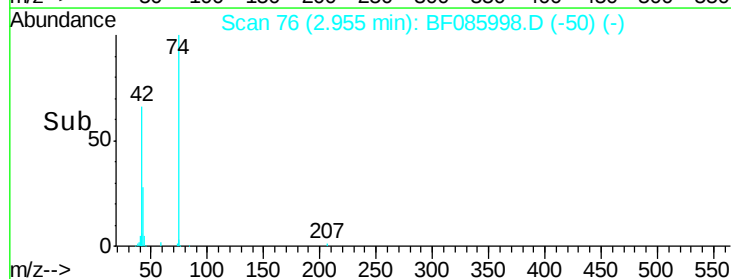
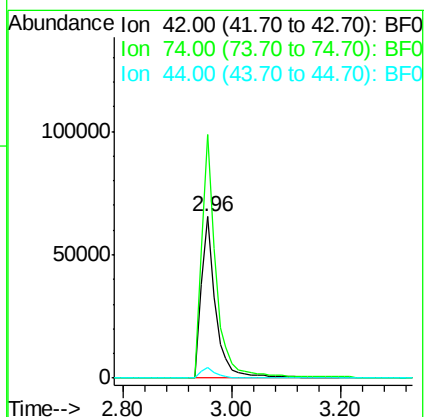
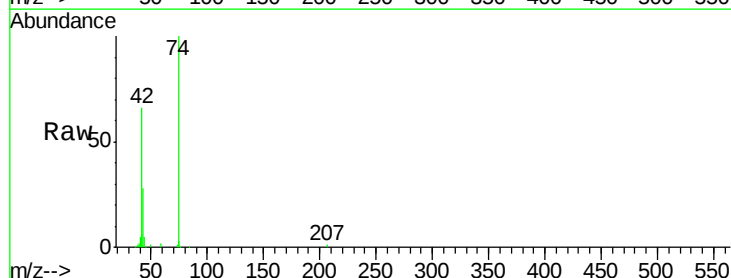
Tgt Ion: 42 Resp: 119515

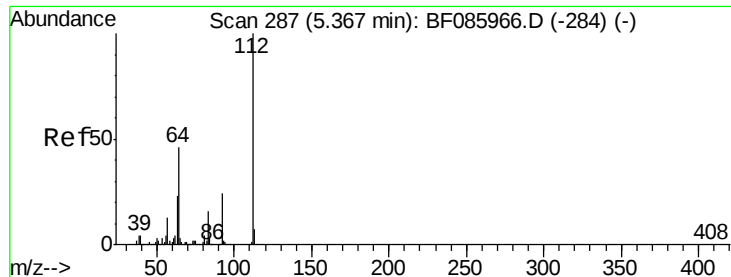
Ion Ratio Lower Upper

42 100

74 150.8 121.4 182.2

44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 80.40 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

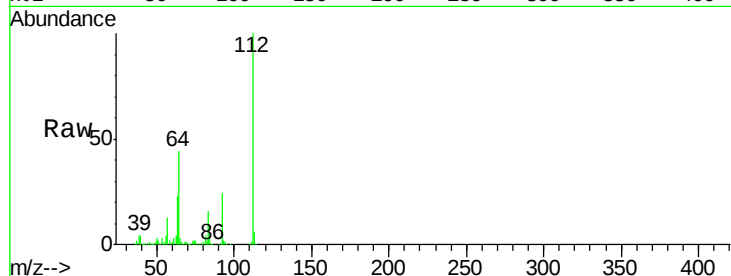
Tgt Ion: 112 Resp: 509862

Ion Ratio Lower Upper

112 100

64 44.5 39.9 59.9

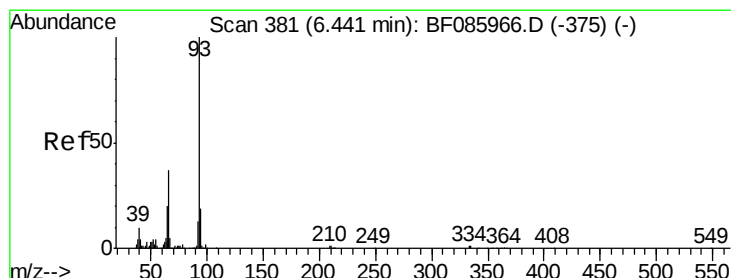
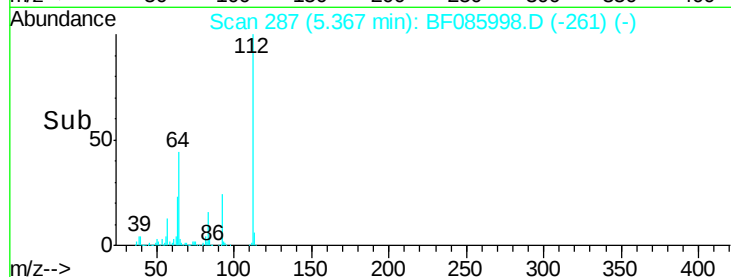
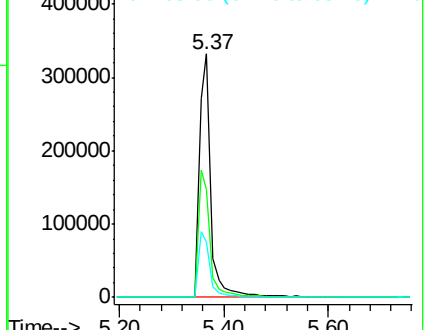
63 22.7 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.10 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

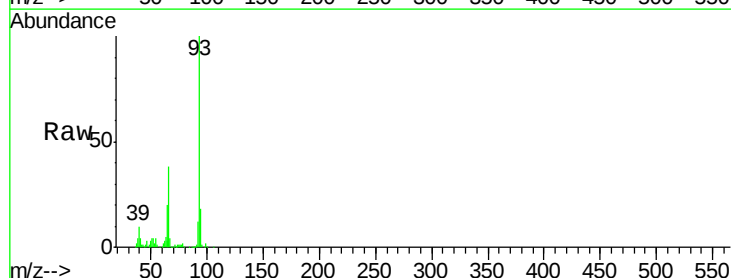
Tgt Ion: 93 Resp: 423816

Ion Ratio Lower Upper

93 100

66 37.5 31.4 47.2

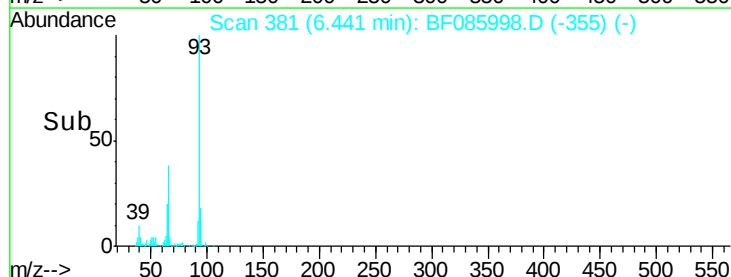
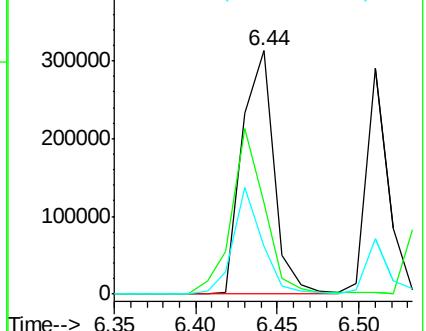
65 19.6 15.7 23.5

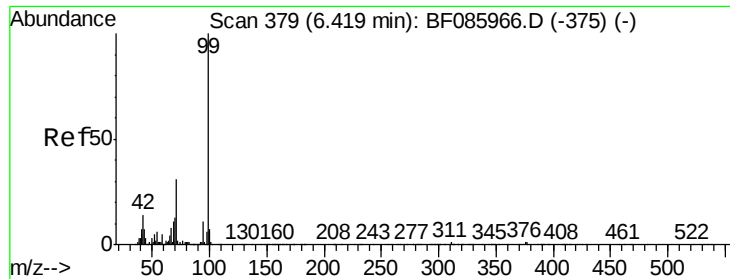


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.31 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

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BNA\_F

ClientSampleId :

SSTDCCC040

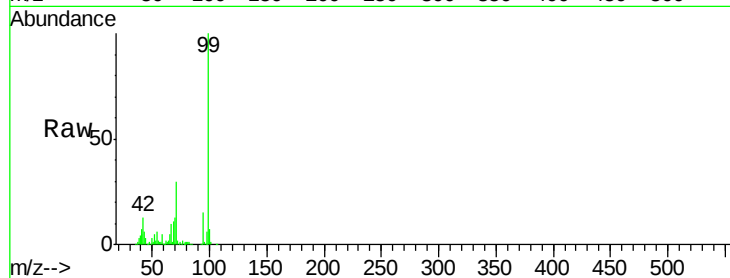
Tgt Ion: 99 Resp: 662991

Ion Ratio Lower Upper

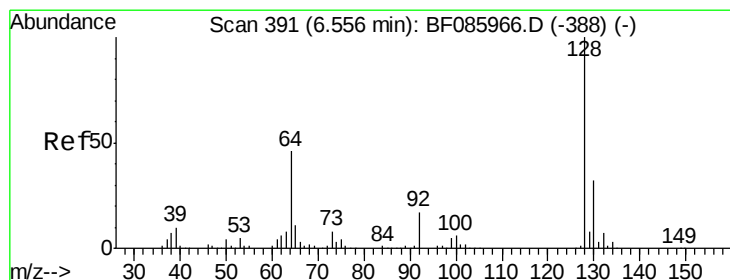
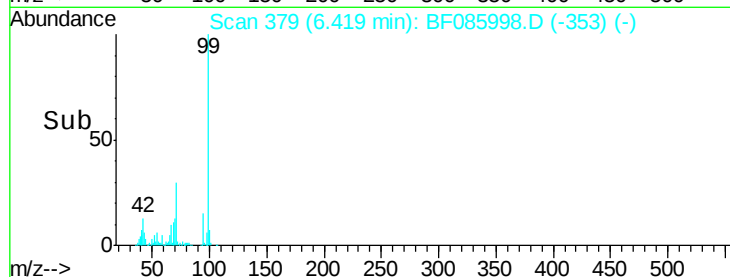
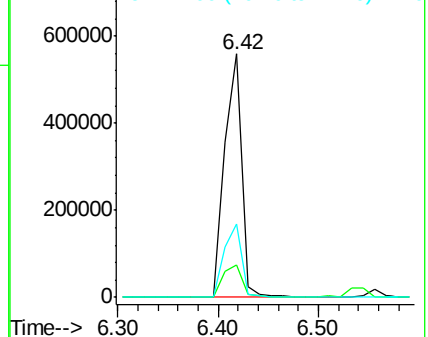
99 100

42 13.3 11.1 16.7

71 30.3 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.30 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

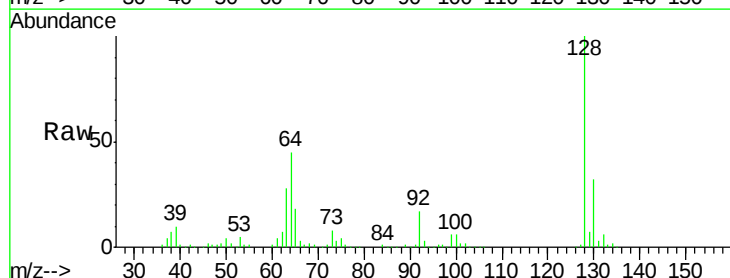
Tgt Ion: 128 Resp: 297206

Ion Ratio Lower Upper

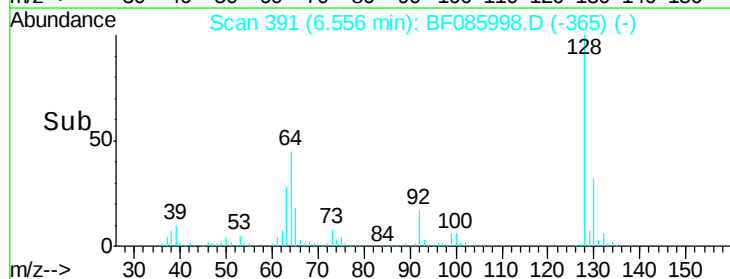
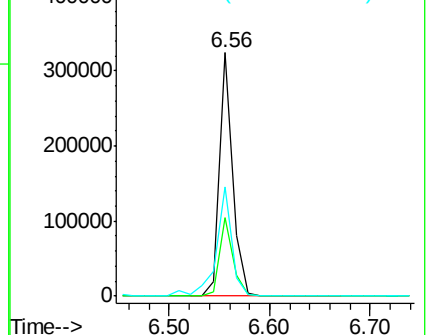
128 100

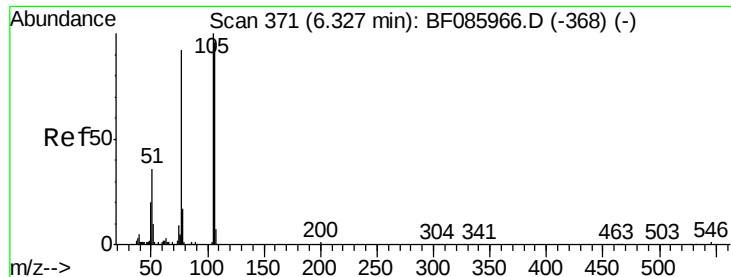
130 32.3 12.9 52.9

64 44.8 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.03 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

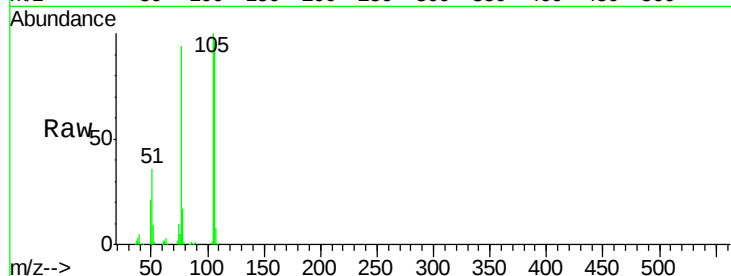
Tgt Ion: 77 Resp: 164844

Ion Ratio Lower Upper

77 100

105 106.2 80.1 120.1

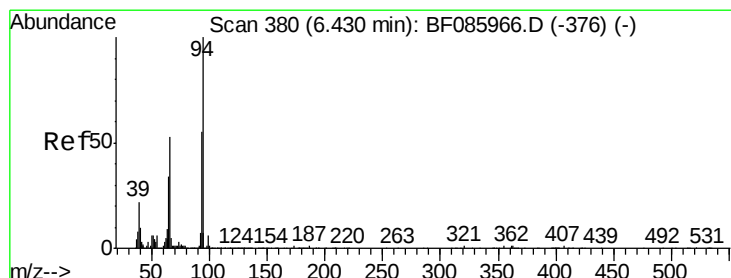
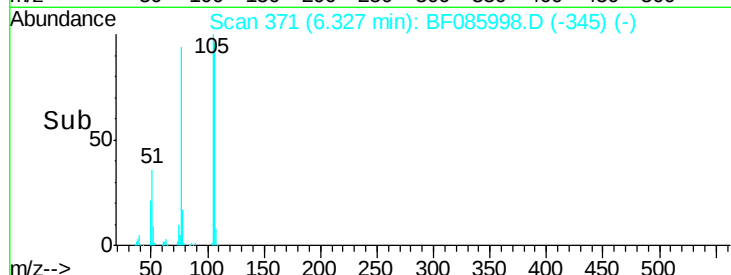
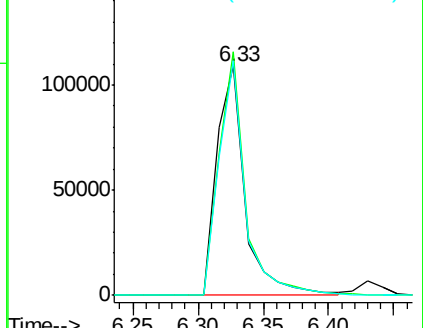
106 102.3 75.0 115.0



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



#10

Phenol

Concen: 42.49 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

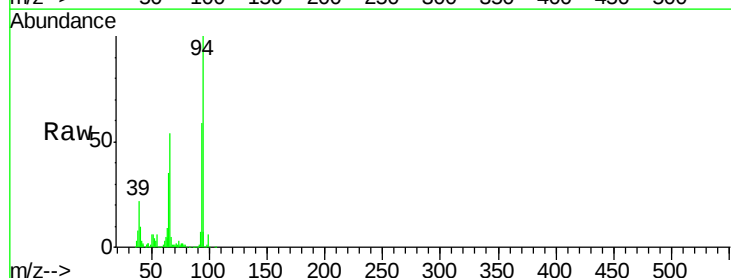
Tgt Ion: 94 Resp: 390435

Ion Ratio Lower Upper

94 100

65 34.6 8.6 48.6

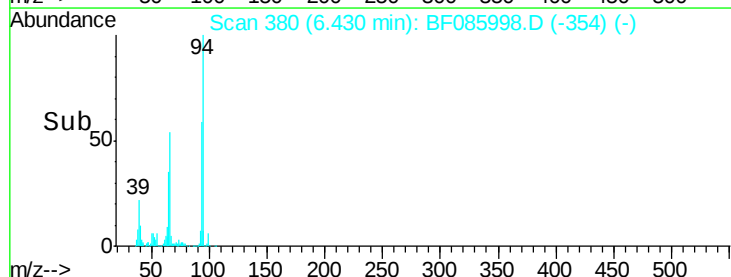
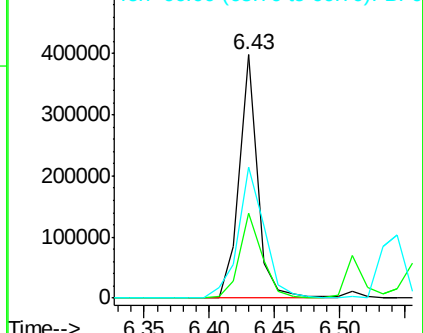
66 53.6 20.0 60.0

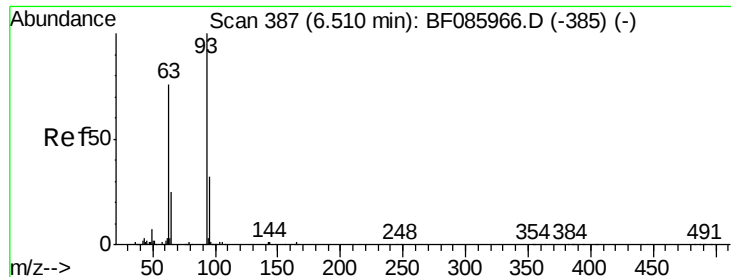


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

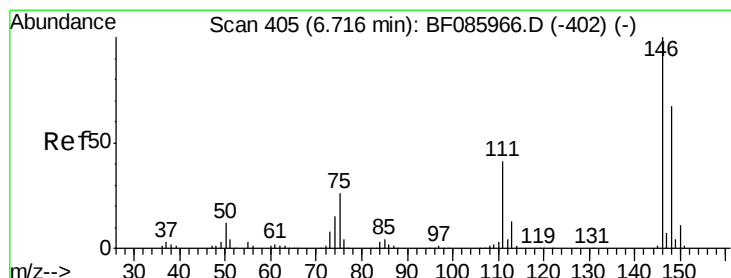
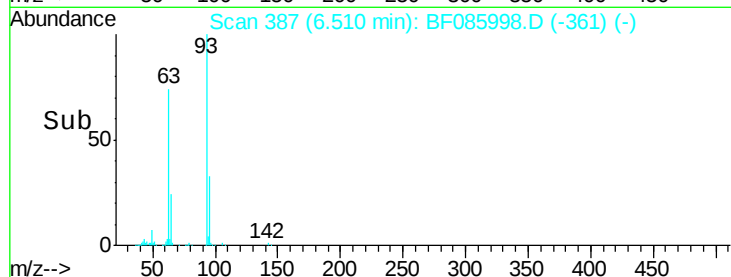
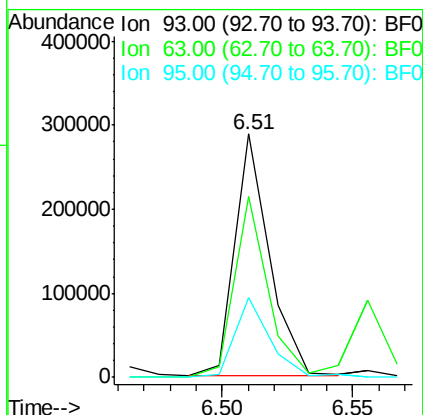
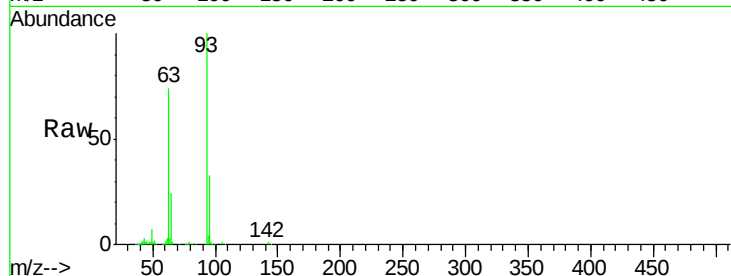




#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.31 ng  
 RT: 6.51 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

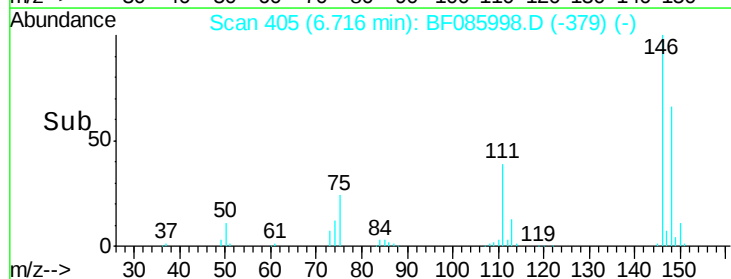
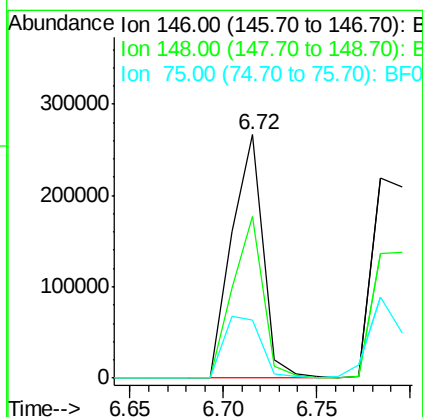
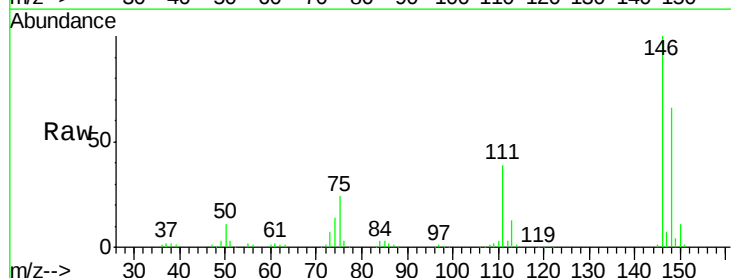
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

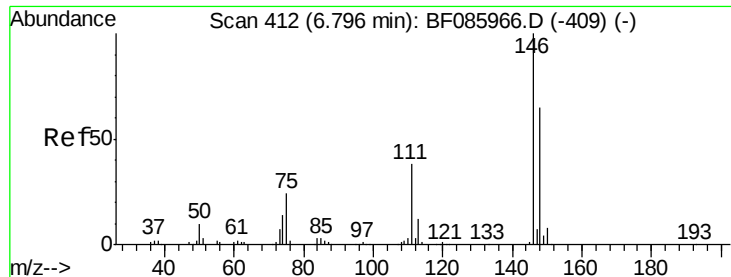
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.4  | 50.9  | 90.9  |
| 95      | 32.7  | 13.3  | 53.3  |



#12  
 1,3-Dichlorobenzene  
 Concen: 38.85 ng  
 RT: 6.72 min Scan# 405  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 52.3  | 78.5  |
| 75      | 24.0  | 17.4  | 26.2  |





#13

1,4-Dichlorobenzene

Concen: 38.11 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

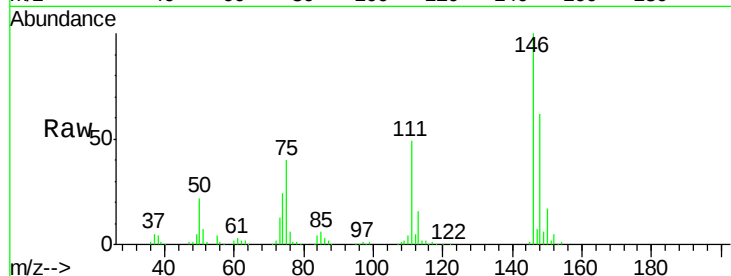
Tgt Ion:146 Resp: 314681

Ion Ratio Lower Upper

146 100

148 62.3 50.6 76.0

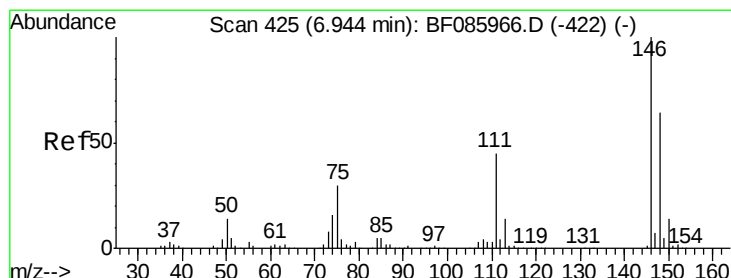
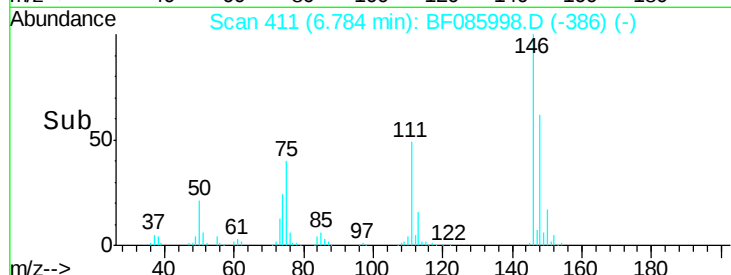
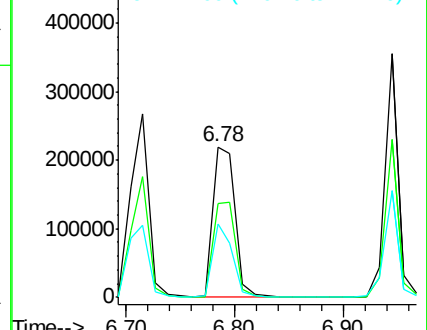
111 48.8 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.65 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

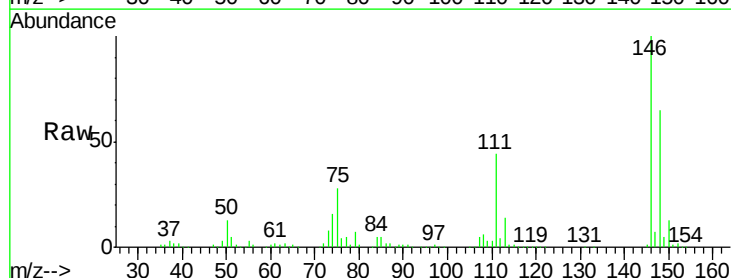
Tgt Ion:146 Resp: 301323

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

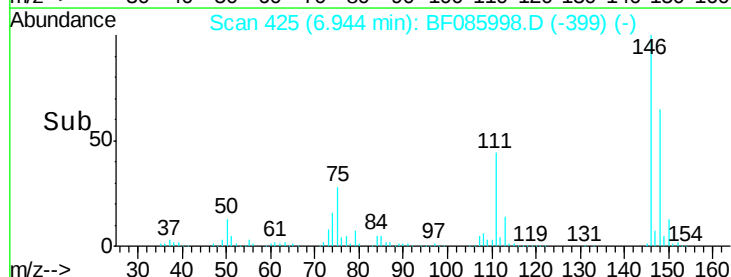
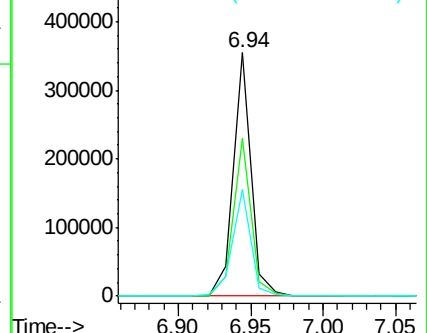
111 43.7 34.6 52.0

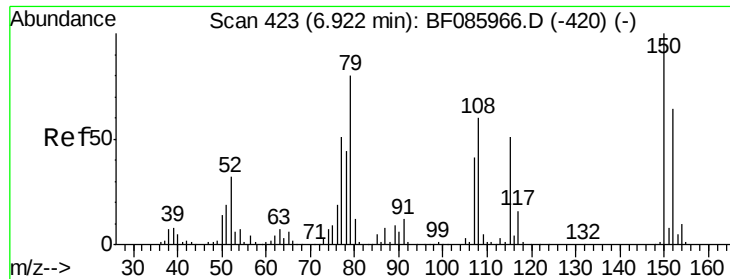


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

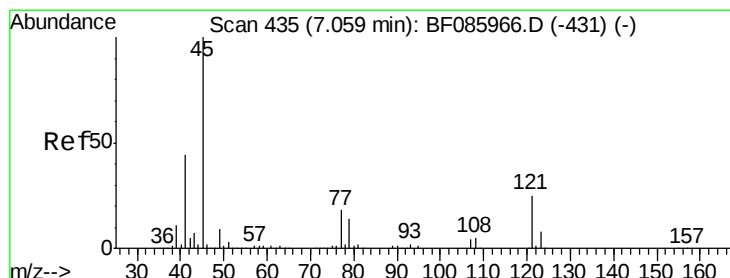
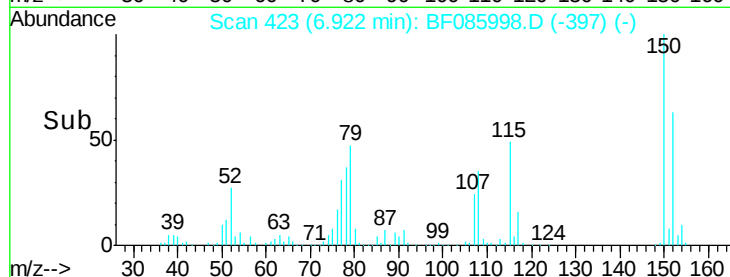
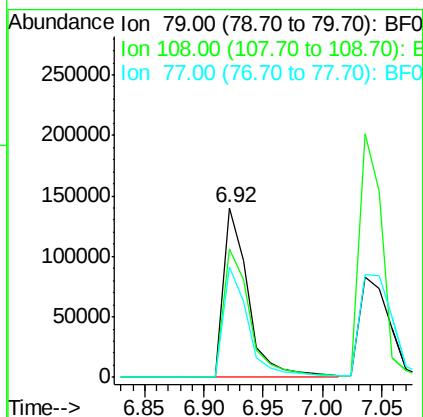
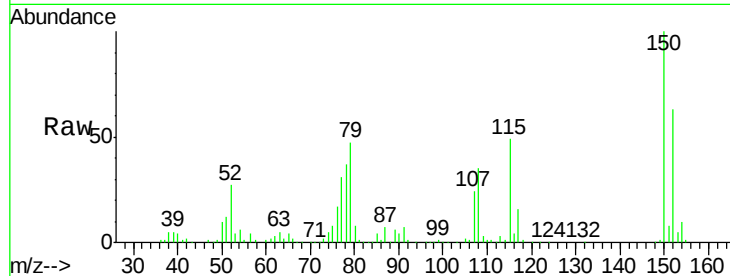




#15  
Benzyl Alcohol  
Concen: 38.63 ng  
RT: 6.92 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

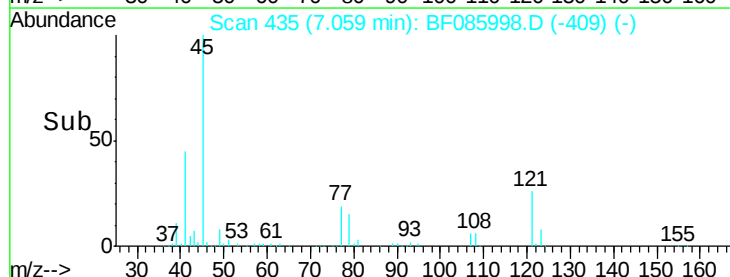
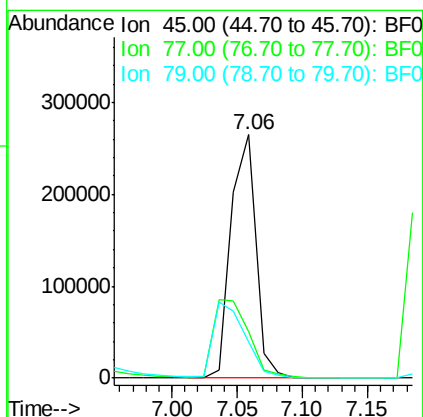
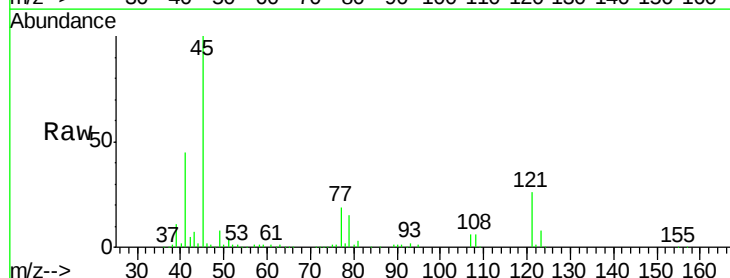
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

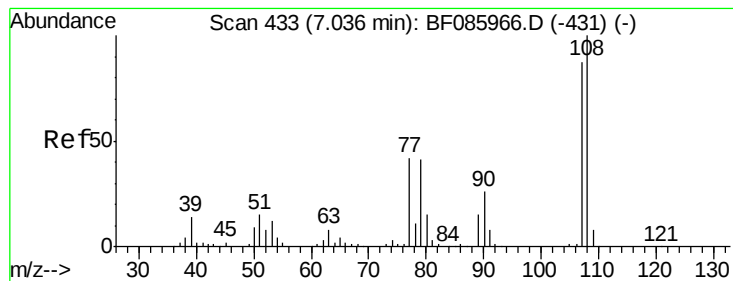
Tgt Ion: 79 Resp: 201330  
Ion Ratio Lower Upper  
79 100  
108 75.4 61.8 92.6  
77 65.3 49.6 74.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.48 ng  
RT: 7.06 min Scan# 435  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

Tgt Ion: 45 Resp: 350920  
Ion Ratio Lower Upper  
45 100  
77 19.0 0.0 35.7  
79 15.1 0.0 32.2





#17

2-Methylphenol

Concen: 38.10 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 227197

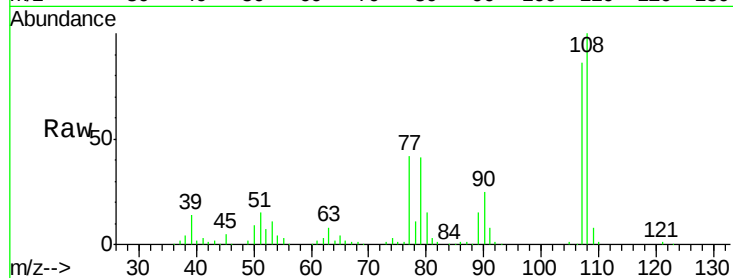
Ion Ratio Lower Upper

107 100

108 116.4 91.4 137.0

77 49.3 36.2 54.2

79 47.6 35.8 53.8

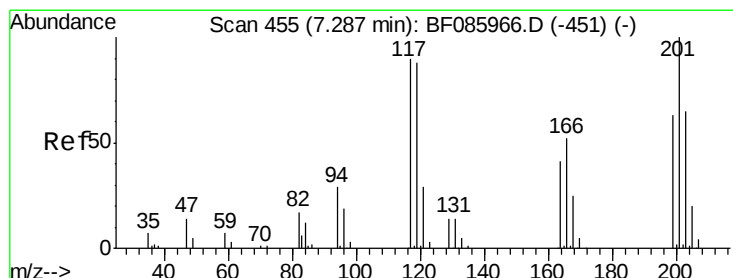
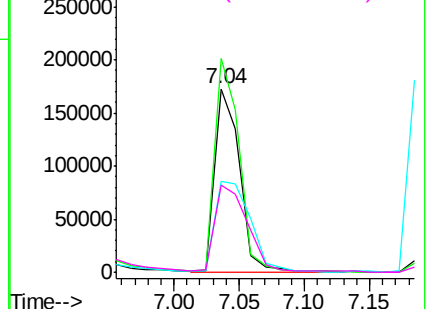
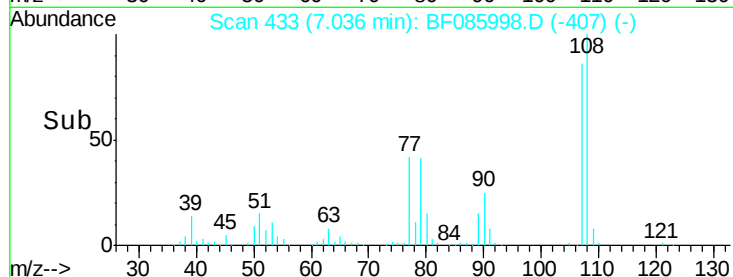


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.76 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

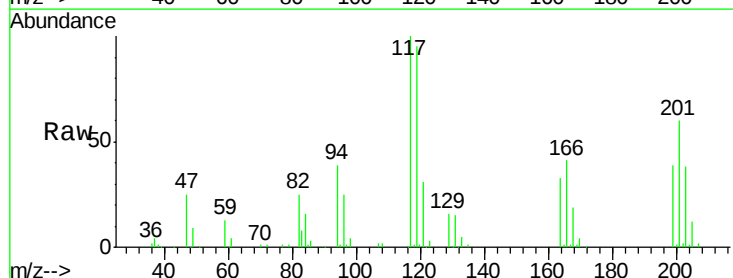
Tgt Ion:117 Resp: 117714

Ion Ratio Lower Upper

117 100

119 95.0 76.7 115.1

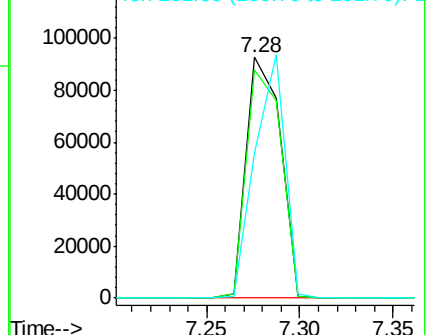
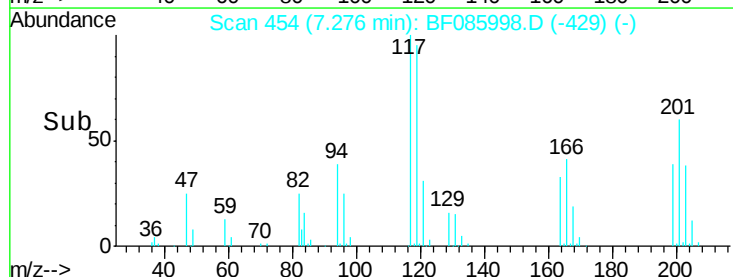
201 60.5 83.3 124.9#

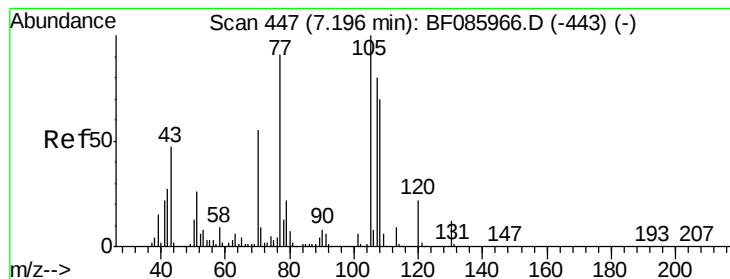


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.82 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 188802

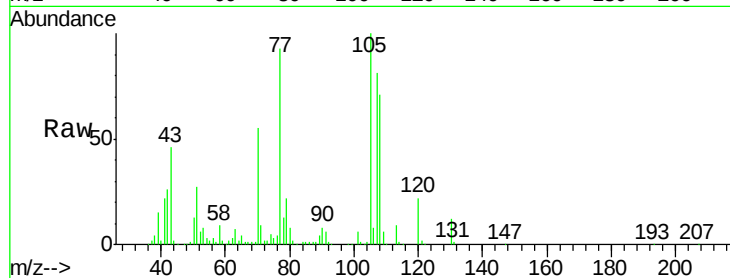
Ion Ratio Lower Upper

70 100

42 47.3 37.1 55.7

101 10.1 8.6 12.8

130 21.7 19.6 29.4

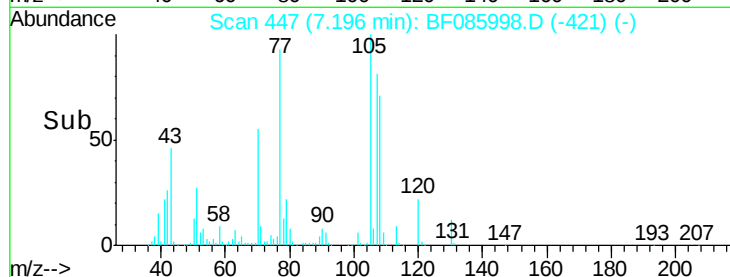
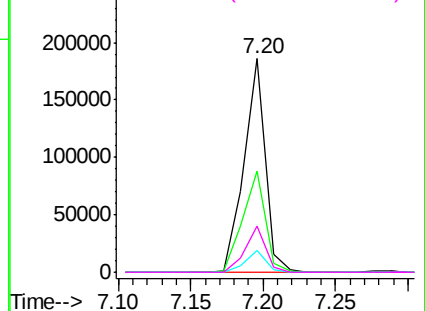


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.97 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:107 Resp: 282599

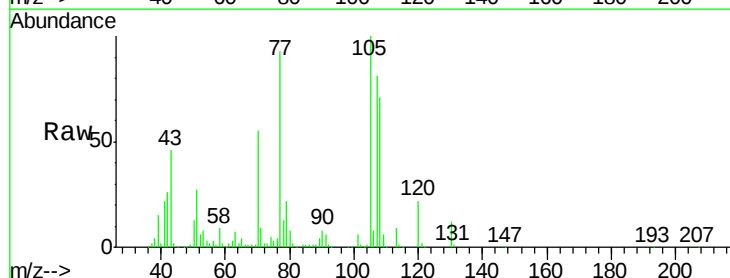
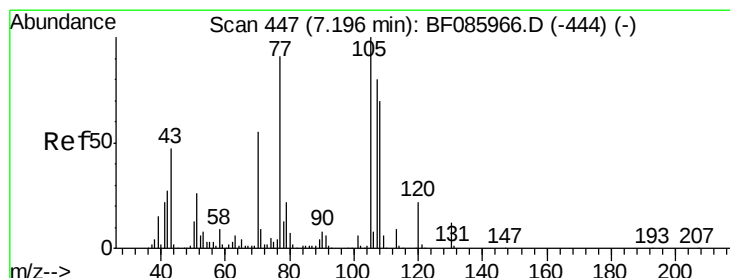
Ion Ratio Lower Upper

107 100

108 86.8 69.3 109.3

77 114.4 101.7 141.7

79 26.8 8.3 48.3

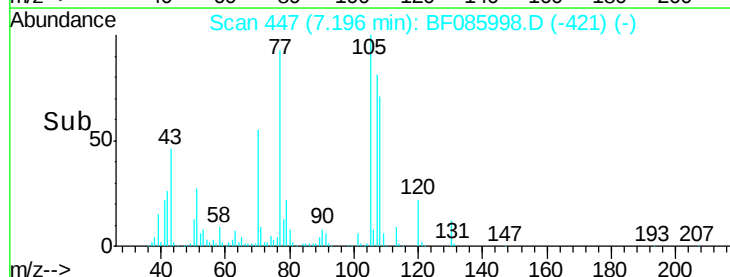
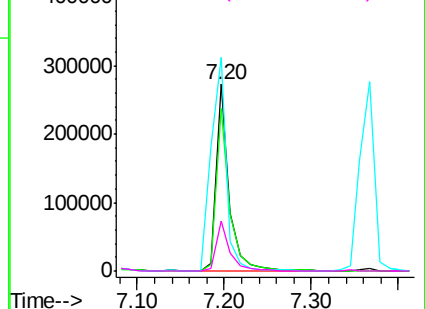


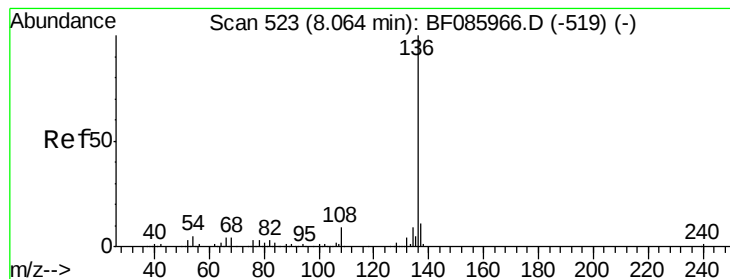
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 436744

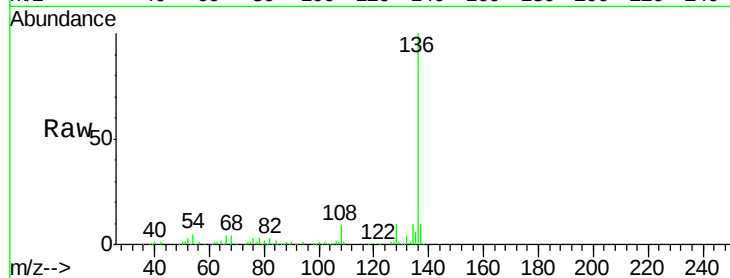
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 4.6 7.4 11.0#

68 4.0 5.8 8.8#

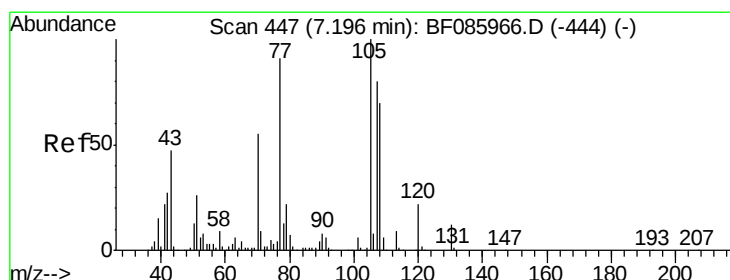
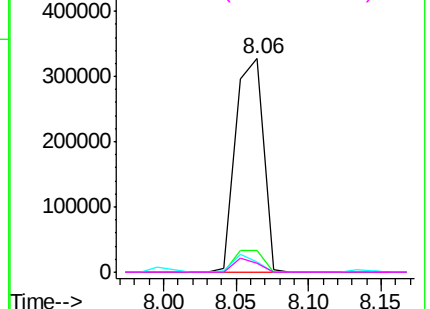
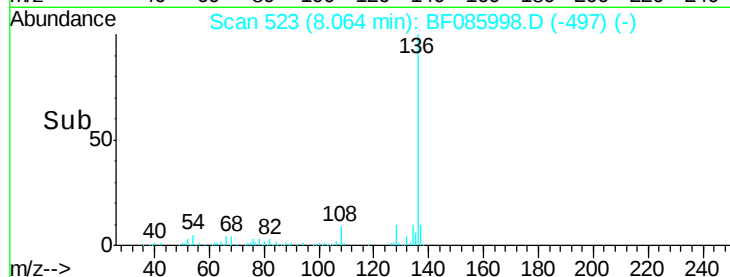


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.48 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:105 Resp: 405368

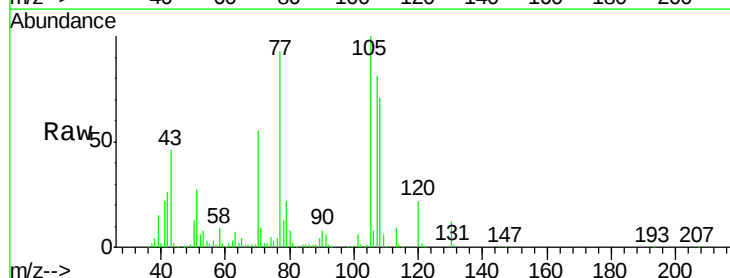
Ion Ratio Lower Upper

105 100

71 9.1 3.6 5.4#

51 27.0 25.4 38.0

120 21.7 16.9 25.3

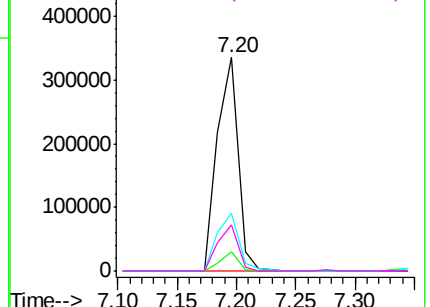
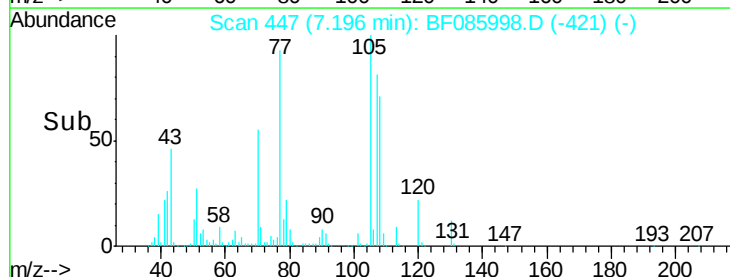


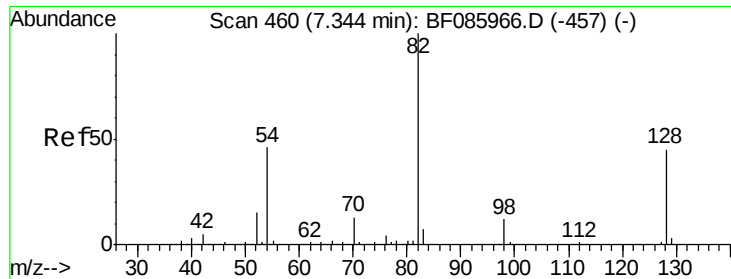
Abundance Ion 105.00 (104.70 to 105.70): E

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

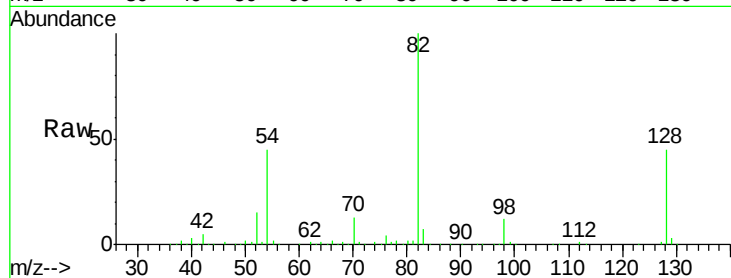




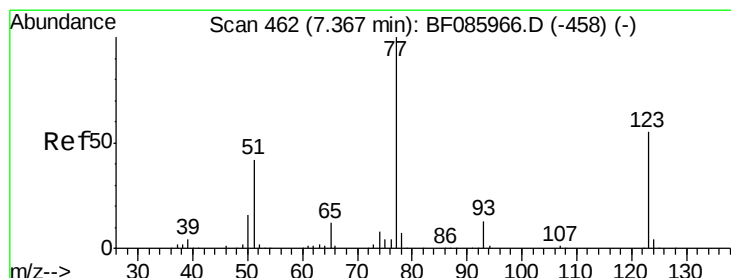
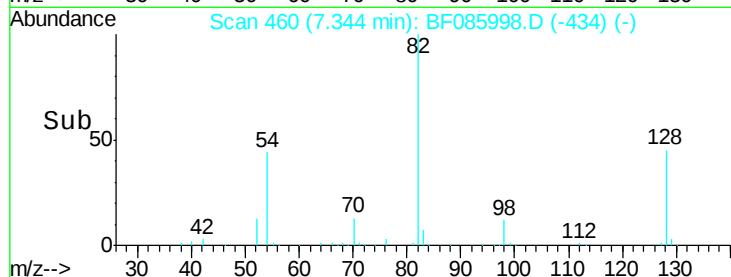
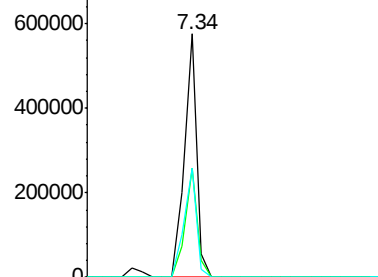
#23  
 Nitrobenzene-d5  
 Concen: 77.65 ng  
 RT: 7.34 min Scan# 460  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.0  | 41.8  | 62.8  |
| 54      | 44.8  | 33.4  | 50.0  |

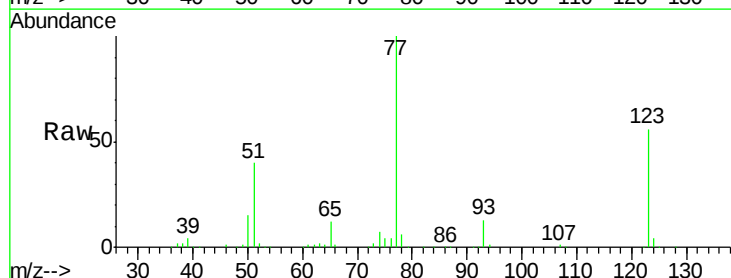


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

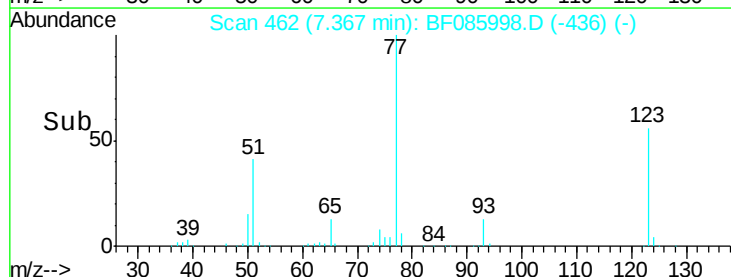
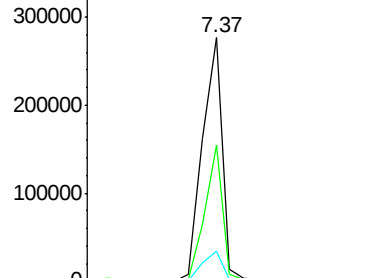


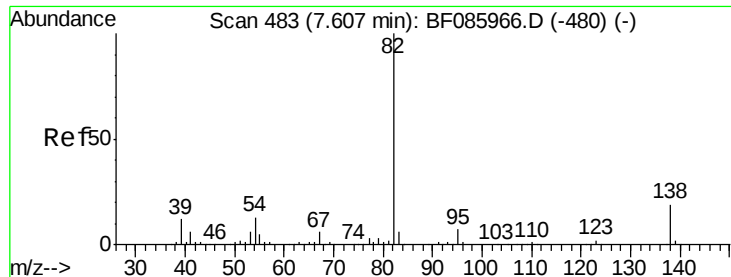
#24  
 Nitrobenzene  
 Concen: 39.06 ng  
 RT: 7.37 min Scan# 462  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 55.6  | 35.0  | 52.4# |
| 65      | 12.2  | 10.6  | 16.0  |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.10 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

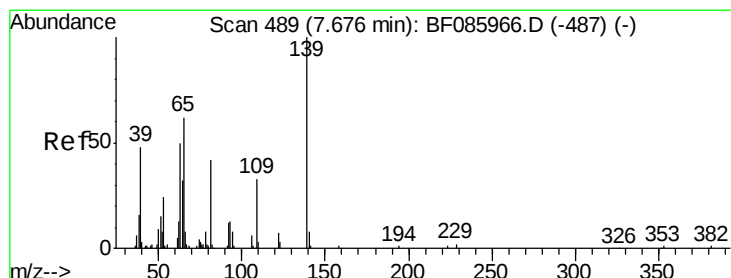
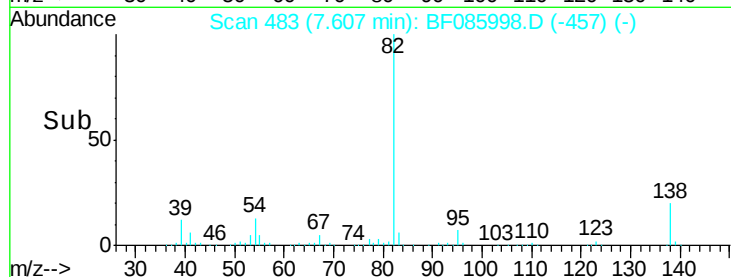
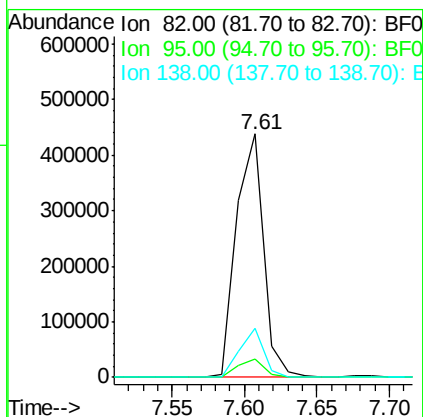
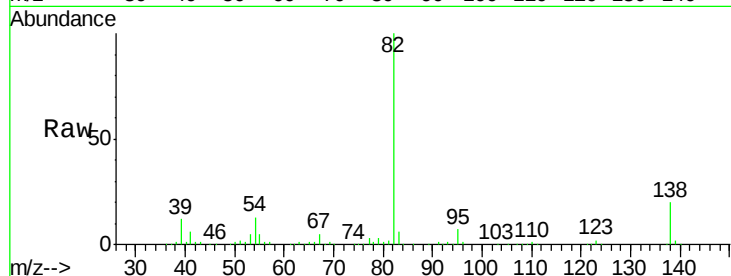
Tgt Ion: 82 Resp: 571671

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 20.1 12.9 19.3#



#26

2-Nitrophenol

Concen: 39.61 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

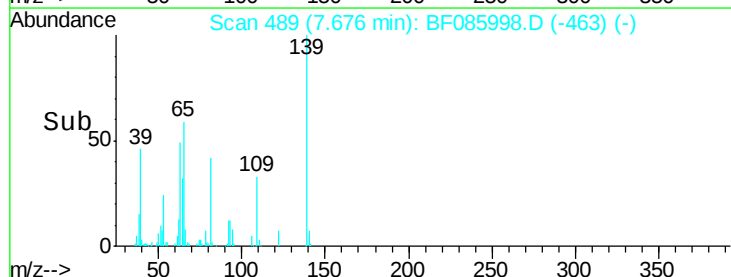
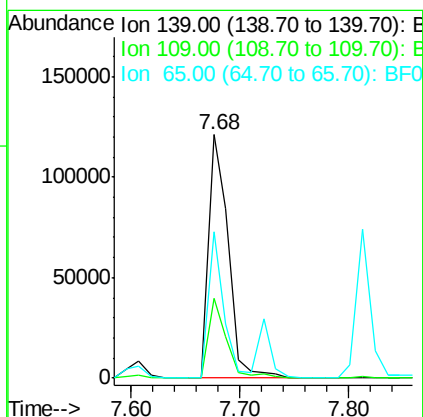
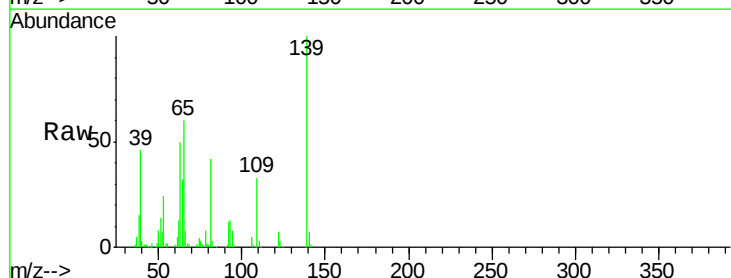
Tgt Ion: 139 Resp: 153540

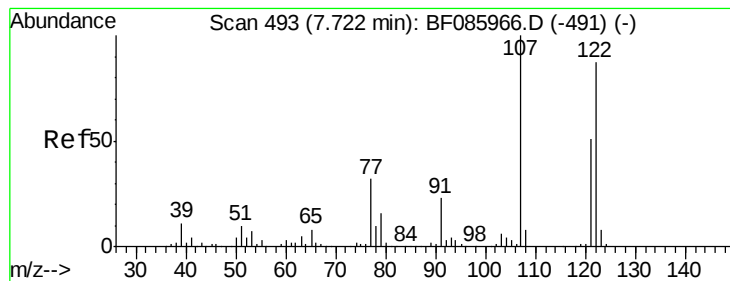
Ion Ratio Lower Upper

139 100

109 33.0 22.1 33.1

65 59.9 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 37.08 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

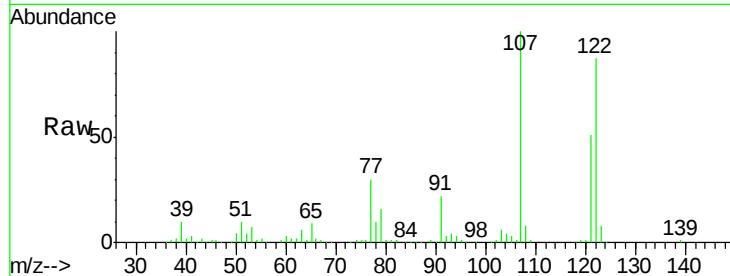
Tgt Ion:122 Resp: 258167

Ion Ratio Lower Upper

122 100

107 115.4 93.0 139.6

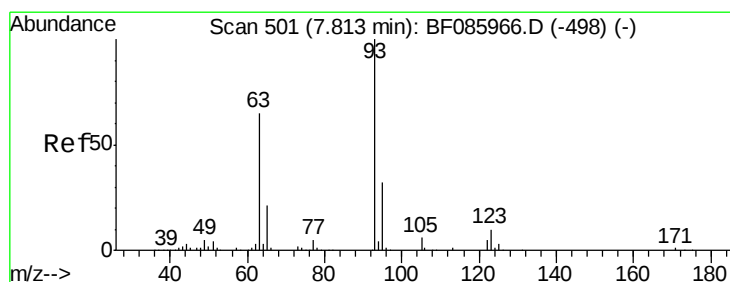
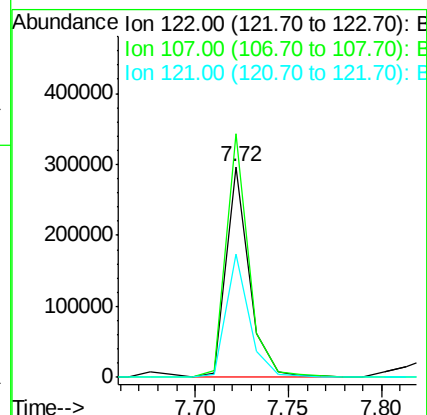
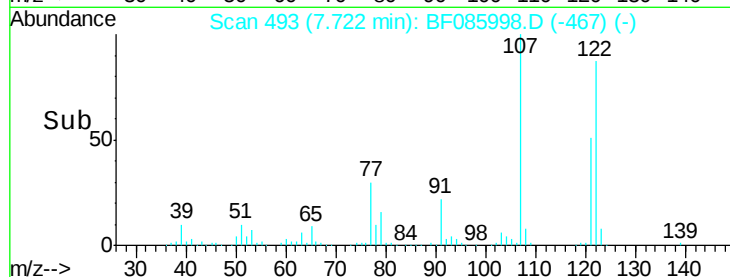
121 58.4 45.9 68.9



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: 37.26 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

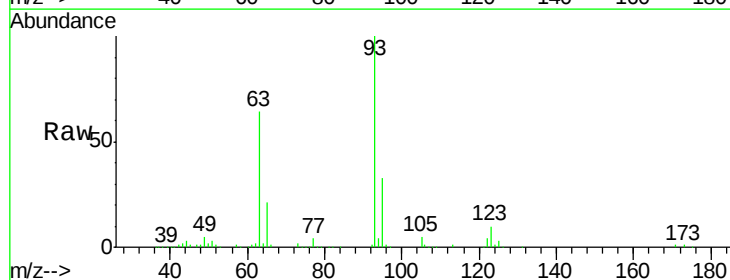
Tgt Ion: 93 Resp: 319609

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

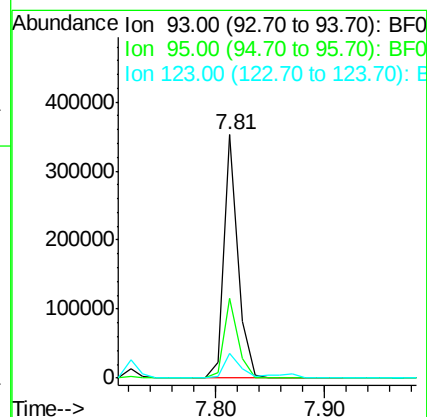
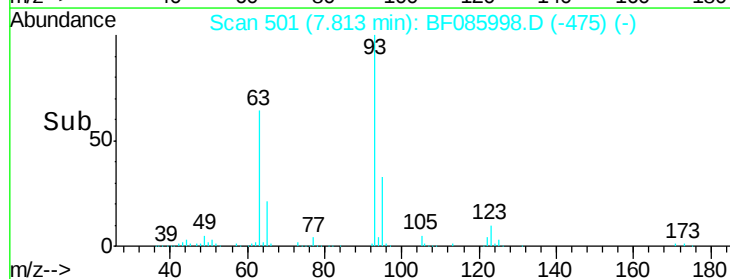
123 10.4 9.8 14.6

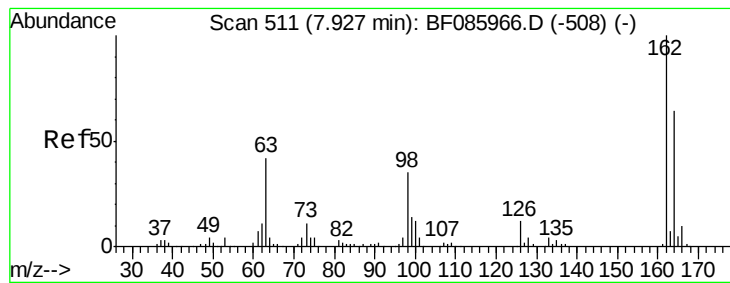


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.71 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

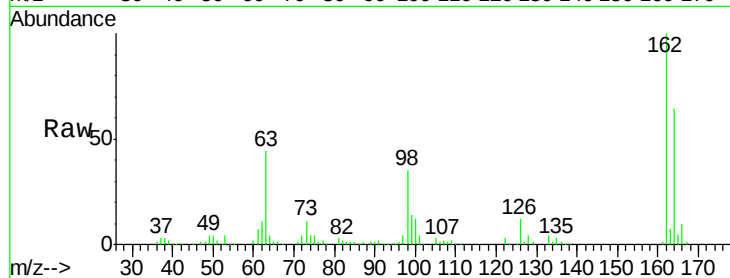
Tgt Ion:162 Resp: 227860

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

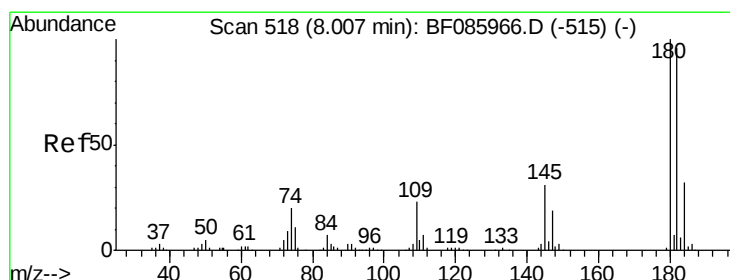
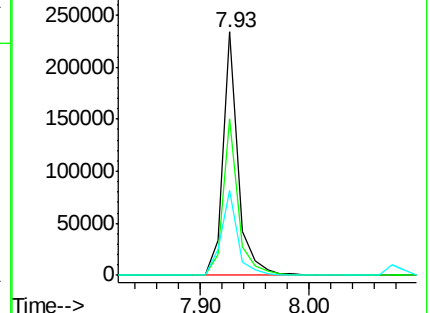
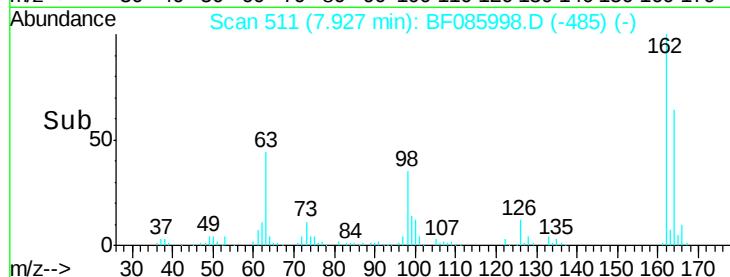
98 35.1 20.4 60.4



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: 38.68 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

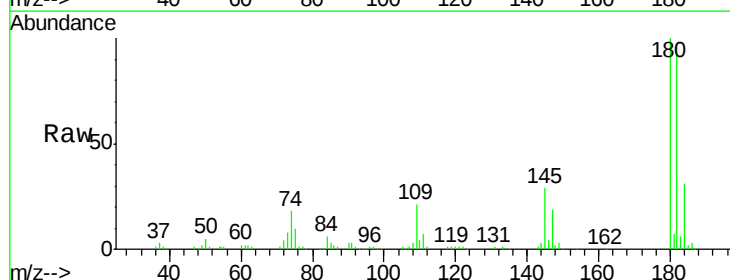
Tgt Ion:180 Resp: 255590

Ion Ratio Lower Upper

180 100

182 97.4 73.8 110.8

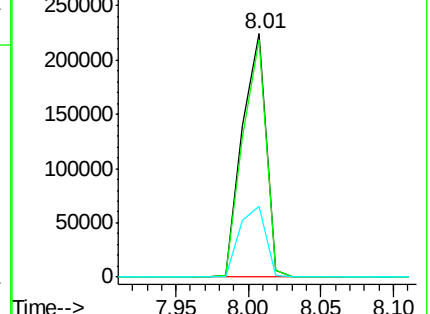
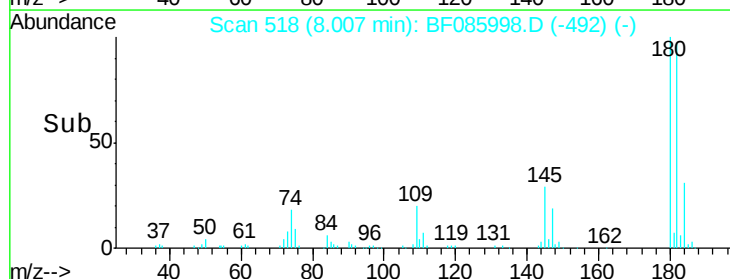
145 29.2 28.4 42.6



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: 37.03 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

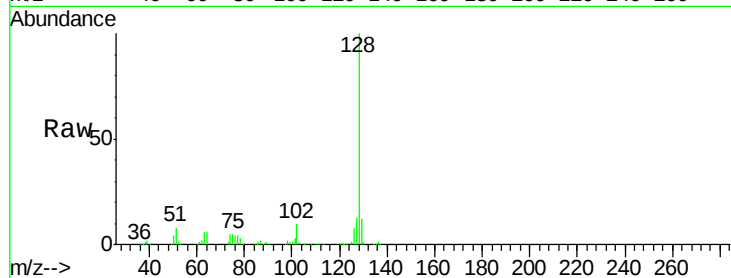
Tgt Ion:128 Resp: 813446

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

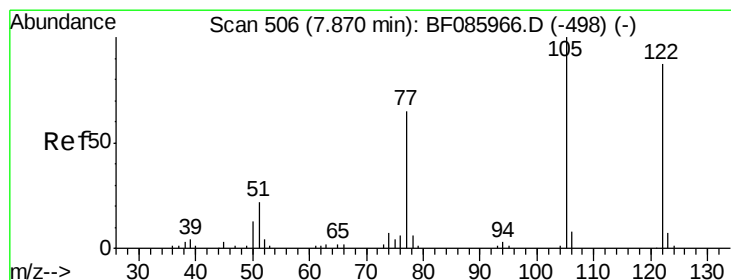
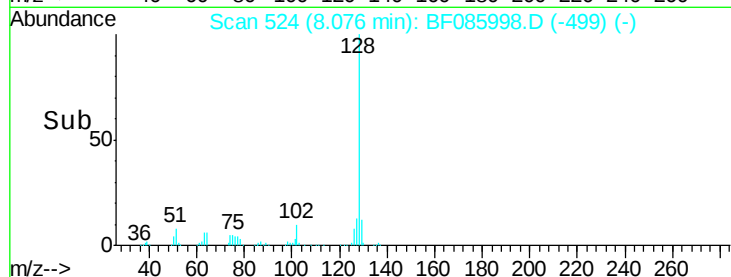
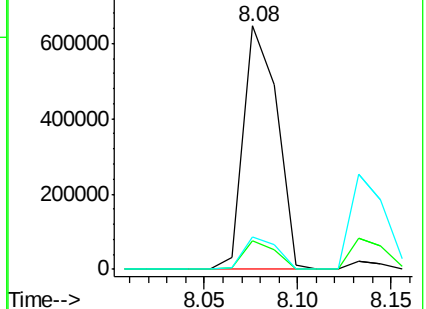
127 13.5 11.0 16.6



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: 38.50 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

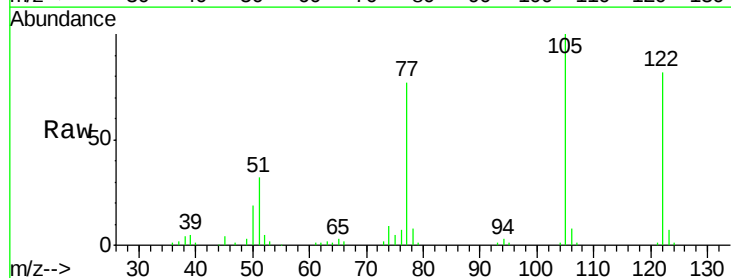
Tgt Ion:122 Resp: 196677

Ion Ratio Lower Upper

122 100

105 122.7 102.9 142.9

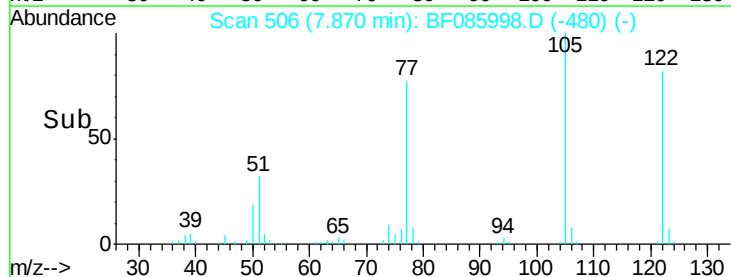
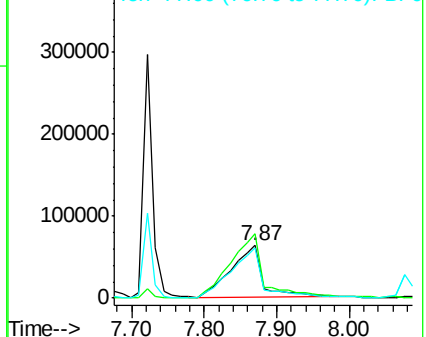
77 94.4 71.8 111.8

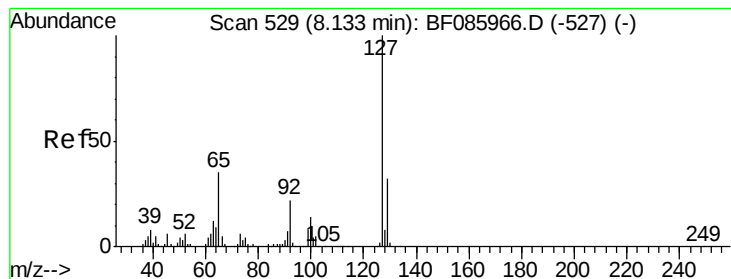


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.01 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

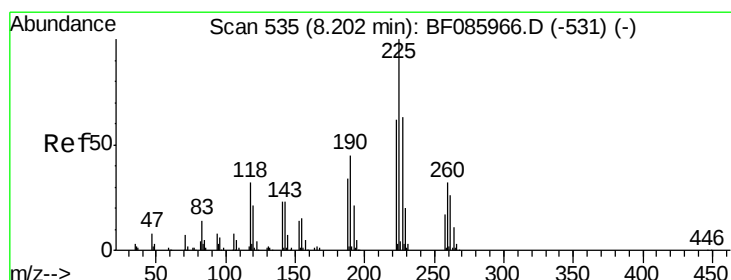
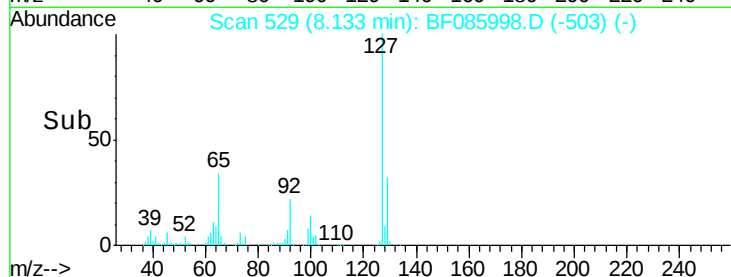
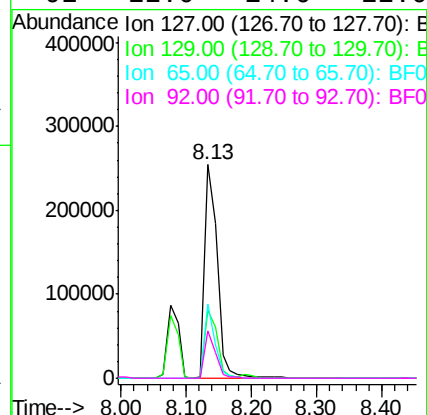
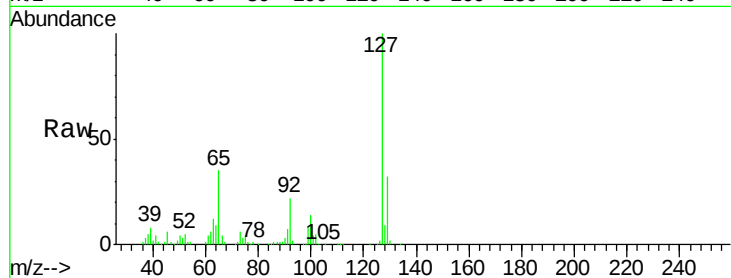
Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 337329 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.9  | 26.1  | 39.1   |
| 65        | 34.6  | 19.5  | 29.3#  |
| 92        | 22.0  | 14.6  | 22.0#  |



#34

Hexachlorobutadiene

Concen: 39.11 ng

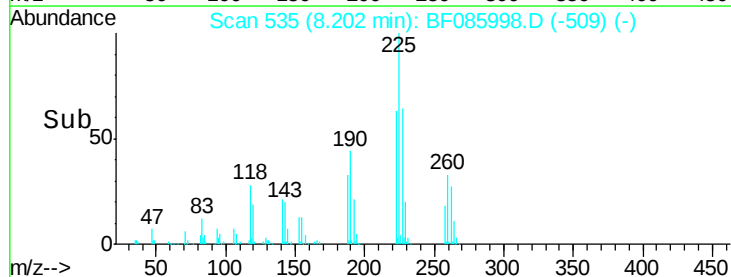
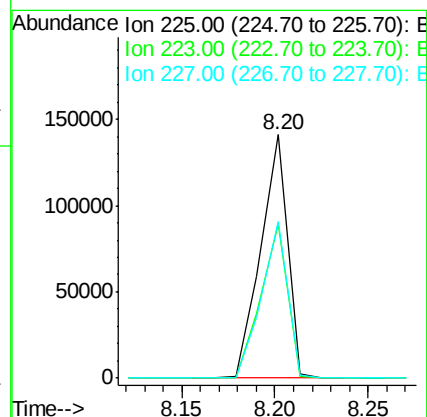
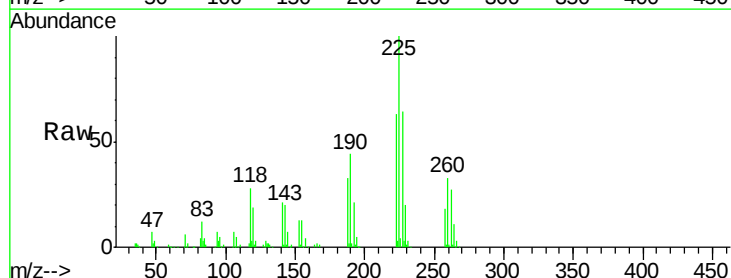
RT: 8.20 min Scan# 535

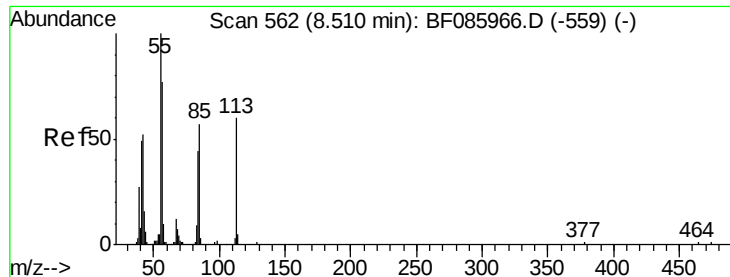
Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 138927 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.1  | 50.4  | 75.6   |
| 227       | 64.3  | 51.4  | 77.2   |

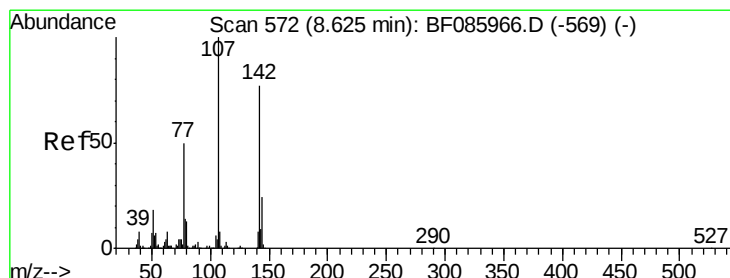
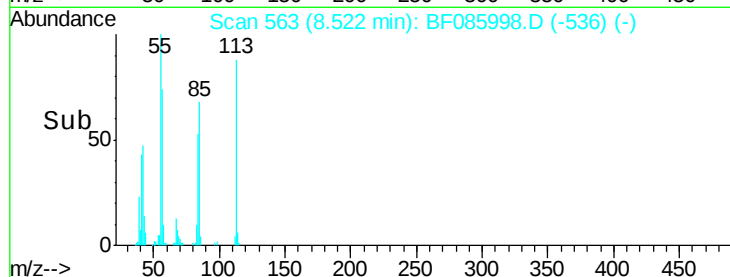
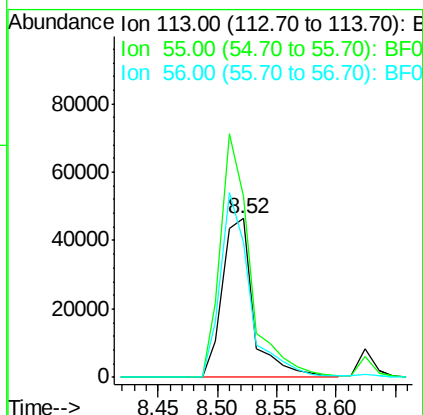
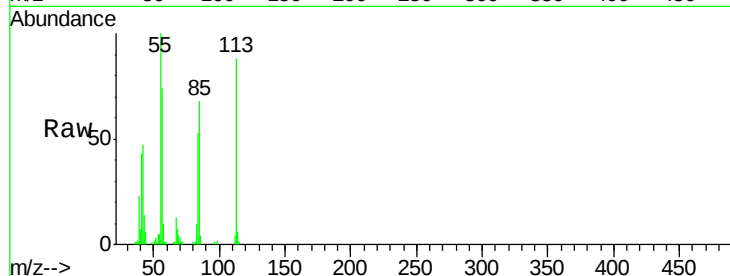




#35  
 Caprolactam  
 Concen: 45.15 ng  
 RT: 8.52 min Scan# 563  
 Delta R.T. 0.01 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

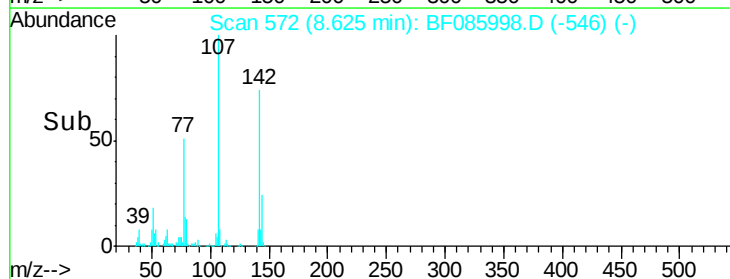
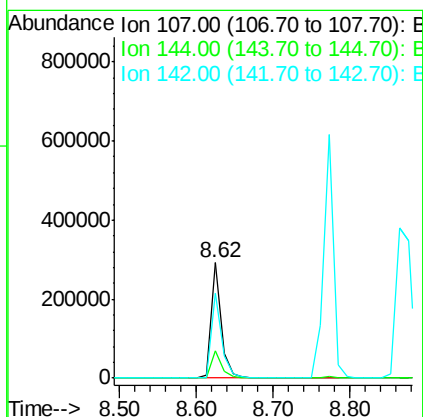
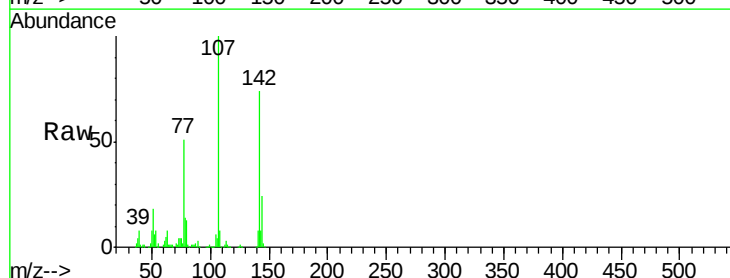
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

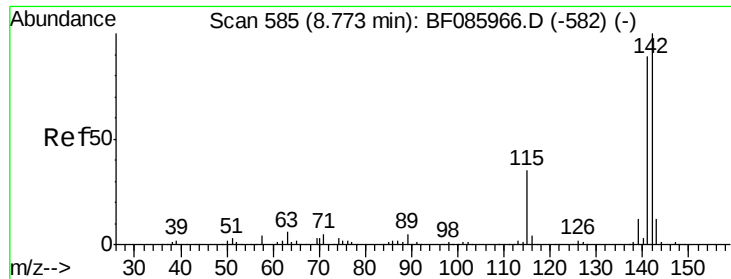
Tgt Ion:113 Resp: 84307  
 Ion Ratio Lower Upper  
 113 100  
 55 114.2 139.4 179.4#  
 56 84.8 100.4 140.4#



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.03 ng  
 RT: 8.62 min Scan# 572  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion:107 Resp: 264848  
 Ion Ratio Lower Upper  
 107 100  
 144 23.8 19.3 28.9  
 142 73.5 61.4 92.0

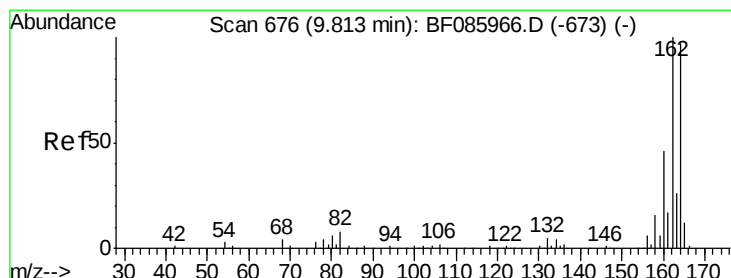
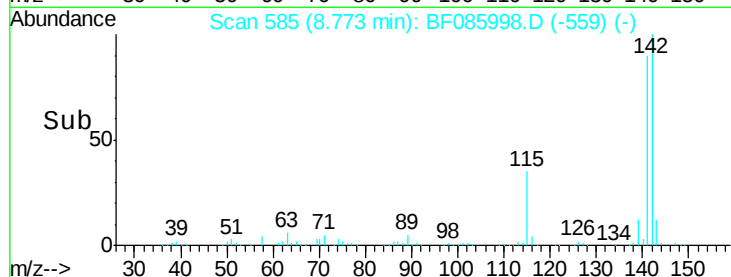
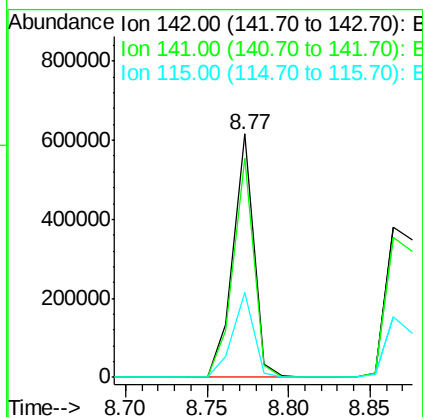
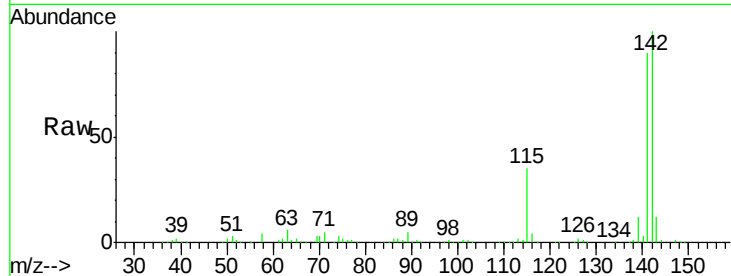




#37  
 2-Methylnaphthalene  
 Concen: 37.55 ng  
 RT: 8.77 min Scan# 585  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

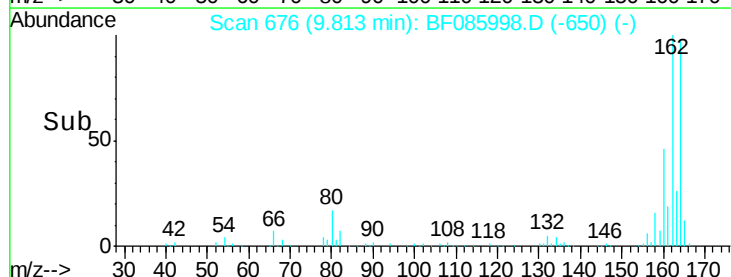
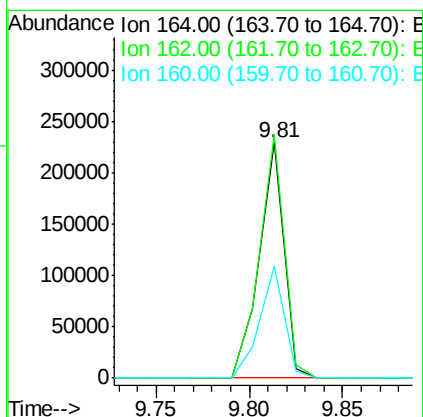
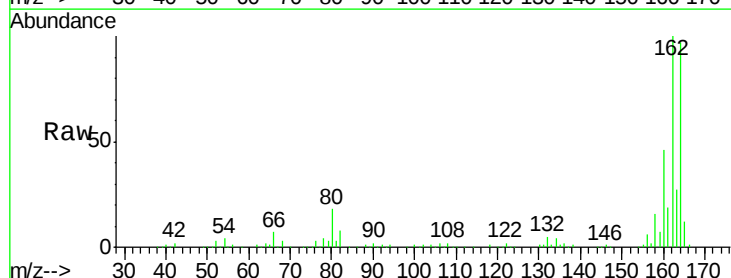
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

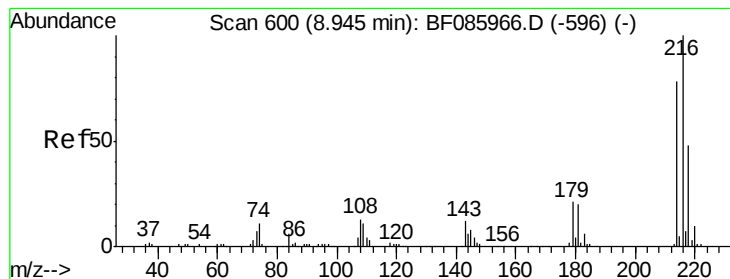
Tgt Ion:142 Resp: 538814  
 Ion Ratio Lower Upper  
 142 100  
 141 90.1 71.6 107.4  
 115 35.1 26.8 40.2



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.81 min Scan# 676  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion:164 Resp: 210498  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 82.1 123.1  
 160 47.7 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.21 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 235418

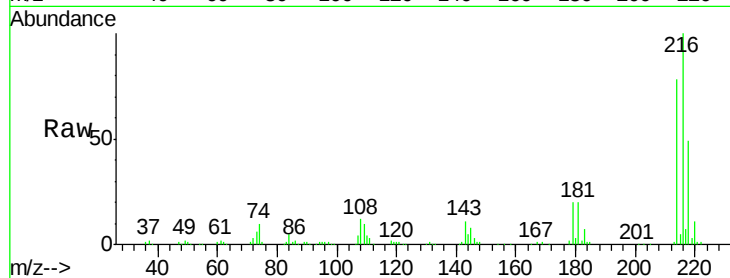
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 23.1 18.2 27.2

108 20.8 17.3 25.9

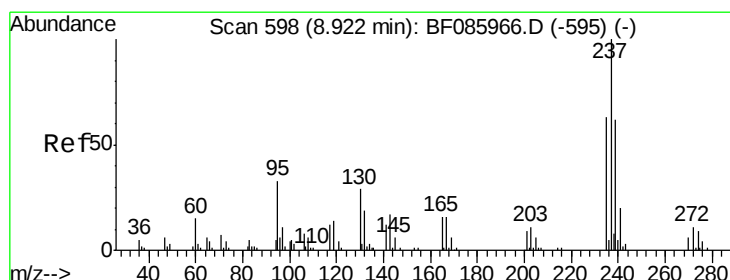
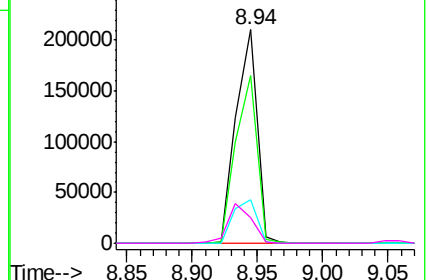
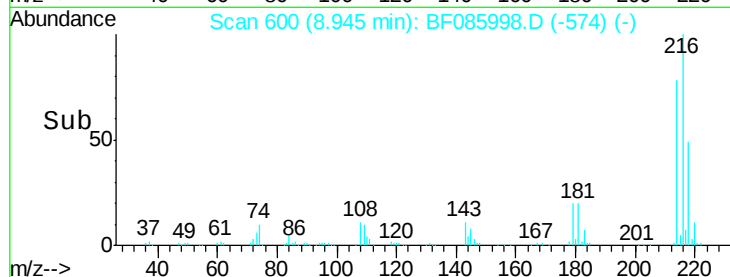


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.35 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

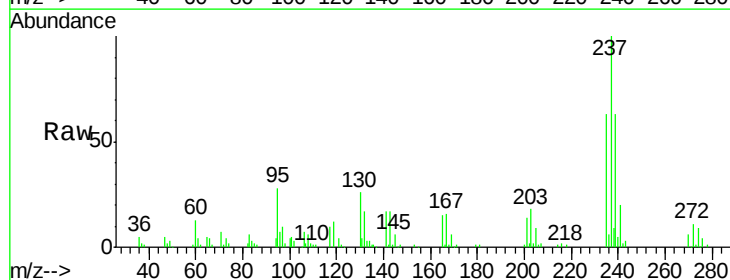
Tgt Ion:237 Resp: 71364

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

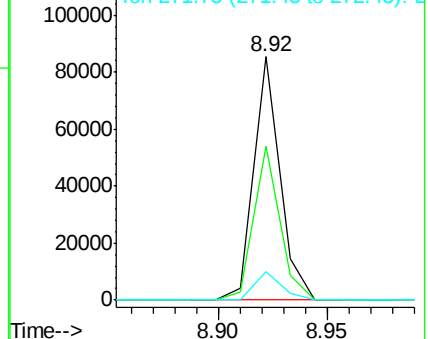
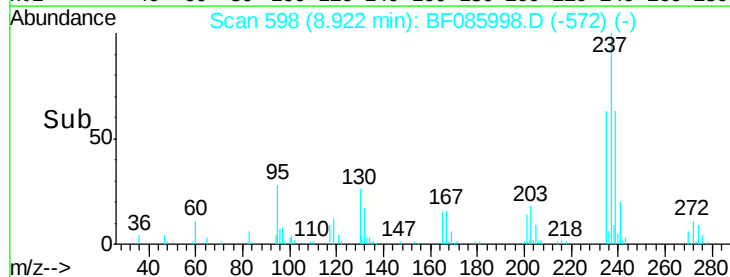
272 11.5 0.0 31.9

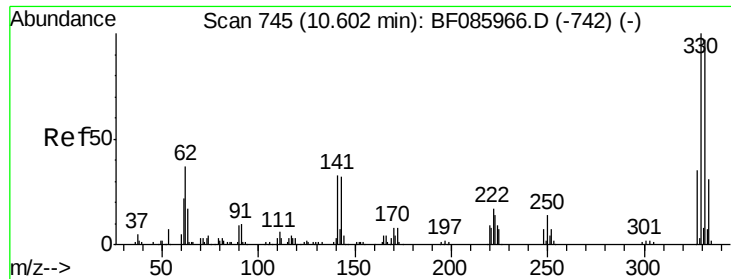


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

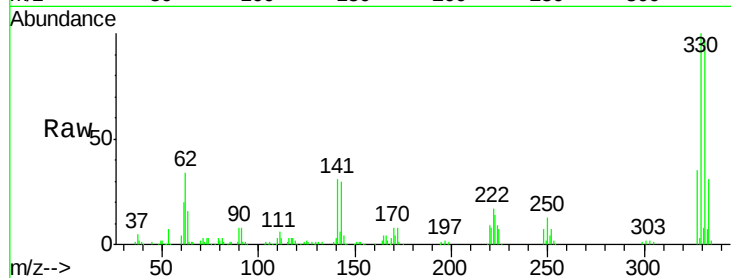




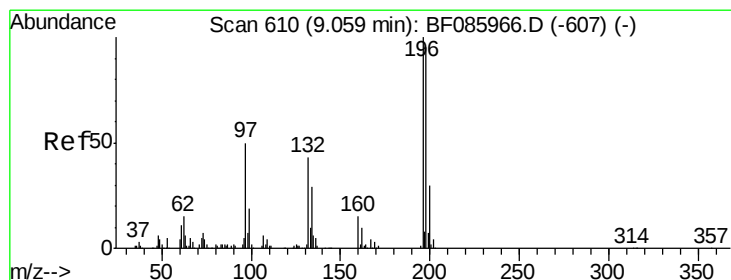
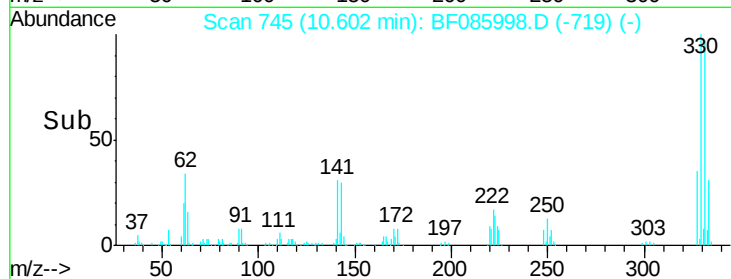
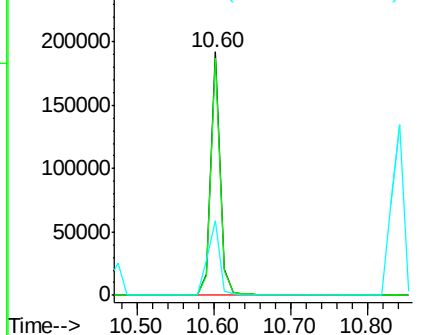
#41  
 2,4,6-Tribromophenol  
 Concen: 82.40 ng  
 RT: 10.60 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

Tgt Ion:330 Resp: 162808  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 78.2 117.2  
 141 39.6 31.5 47.3

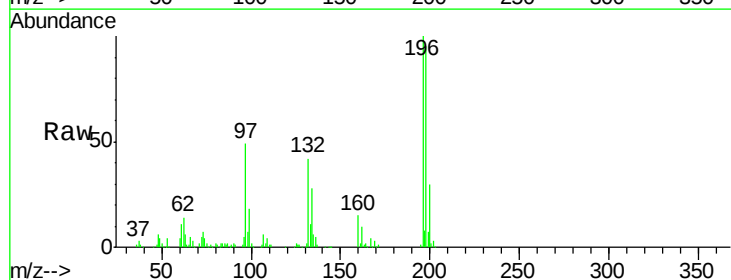


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

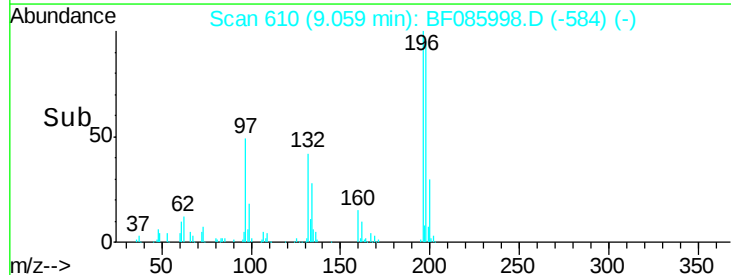
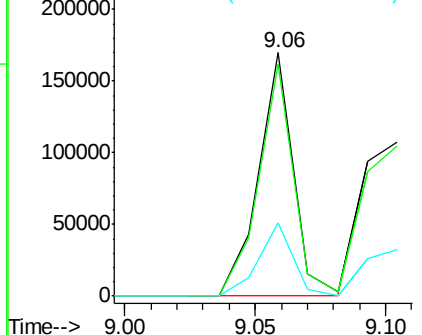


#42  
 2,4,6-Trichlorophenol  
 Concen: 39.10 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion:196 Resp: 158834  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 75.3 112.9  
 200 30.2 23.7 35.5



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

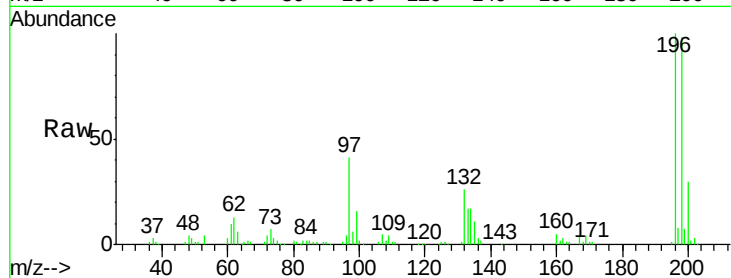




#43  
 2,4,5-Trichlorophenol  
 Concen: 38.68 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.5  | 76.6  | 114.8 |
| 97      | 40.6  | 30.5  | 45.7  |
| 132     | 25.6  | 20.2  | 30.2  |



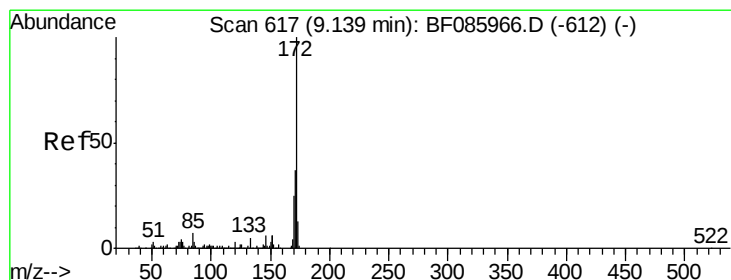
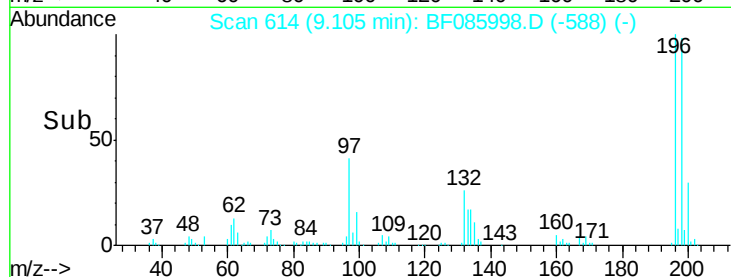
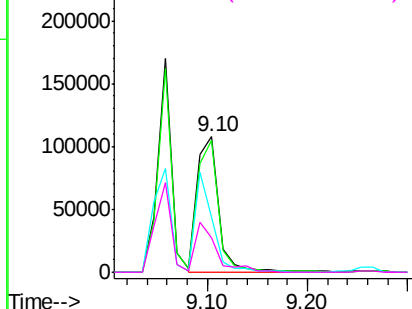
Abundance

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: 83.48 ng  
 RT: 9.14 min Scan# 617  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

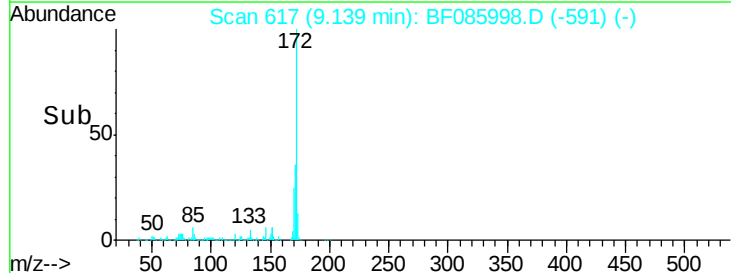
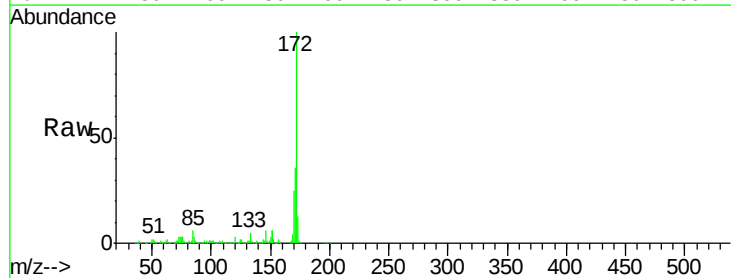
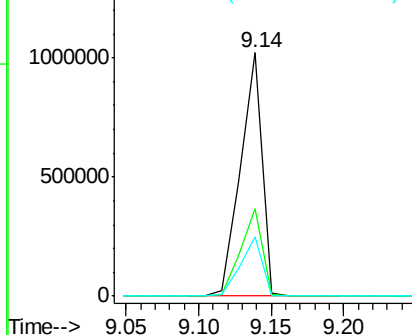
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.4  | 44.2  |
| 170     | 24.6  | 19.8  | 29.6  |

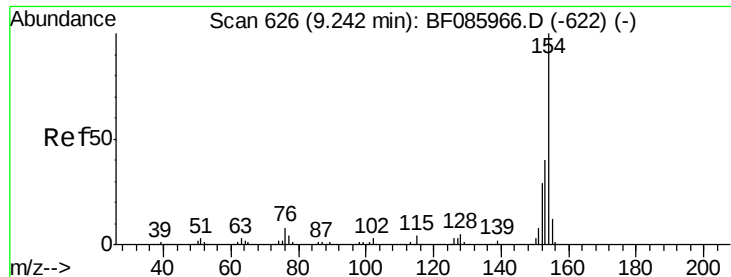
Abundance

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

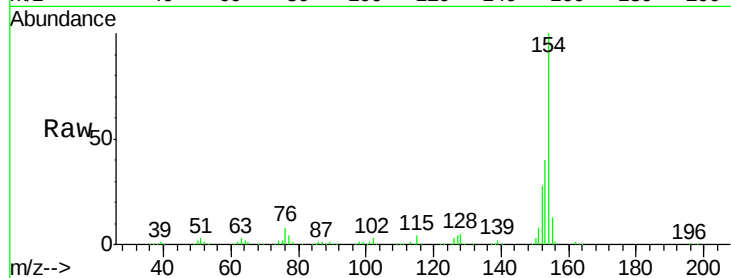




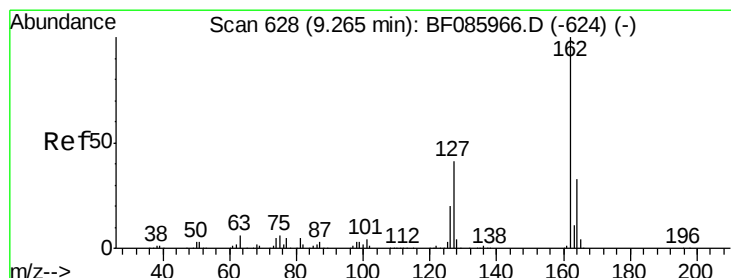
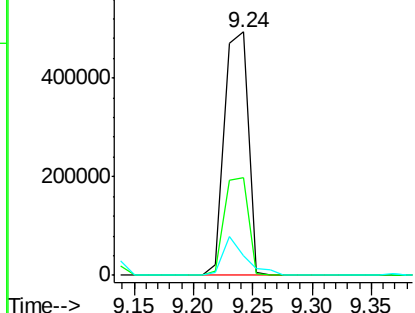
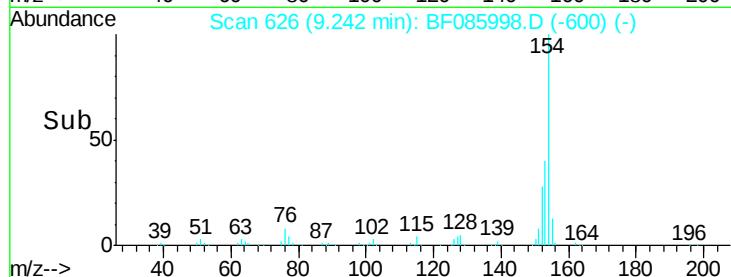
#45  
 1,1'-Biphenyl  
 Concen: 37.63 ng  
 RT: 9.24 min Scan# 626  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:154 Resp: 683028  
 Ion Ratio Lower Upper  
 154 100  
 153 40.1 20.8 60.8  
 76 8.1 0.0 36.7

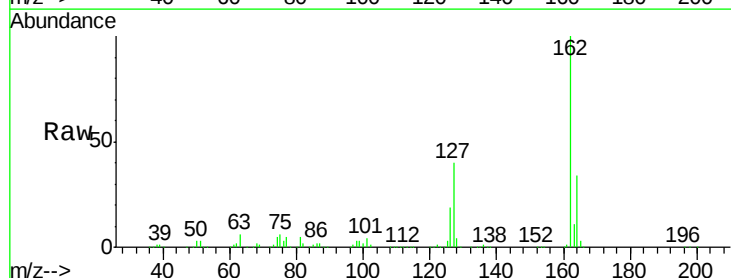


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

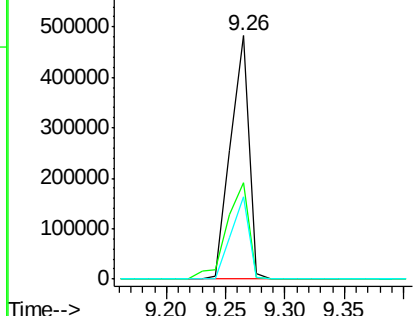
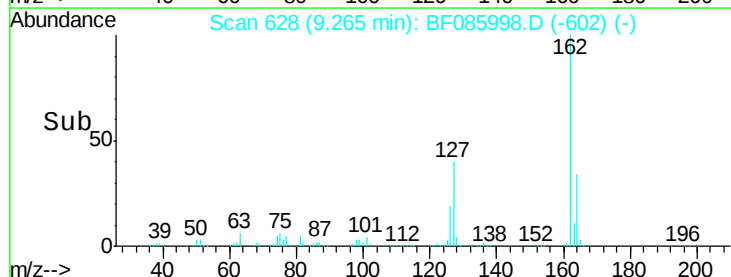


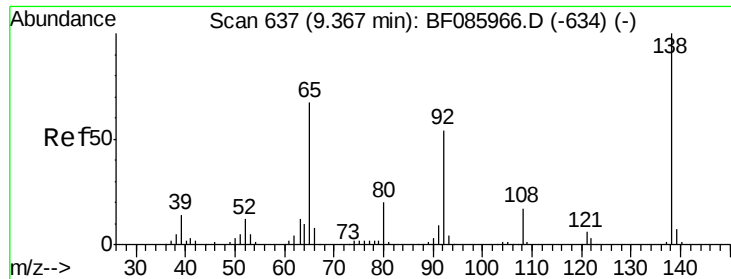
#46  
 2-Chloronaphthalene  
 Concen: 39.49 ng  
 RT: 9.26 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion:162 Resp: 519600  
 Ion Ratio Lower Upper  
 162 100  
 127 39.7 31.7 47.5  
 164 33.6 27.3 40.9



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

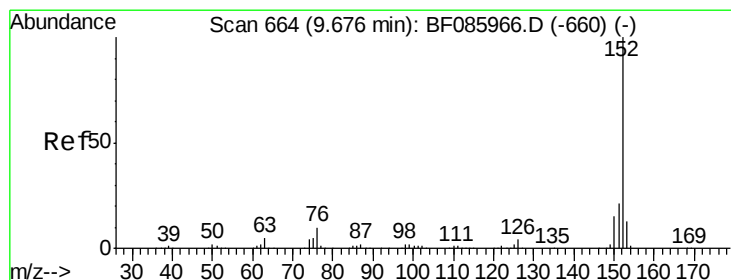
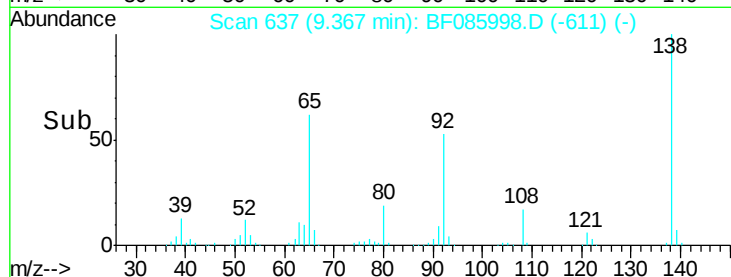
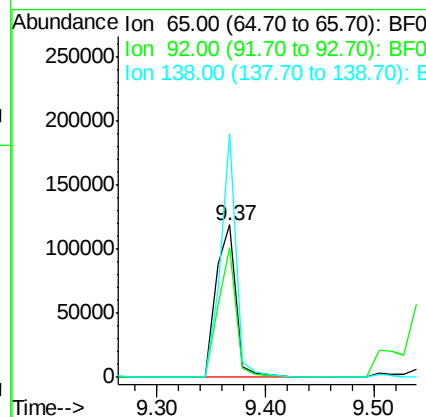
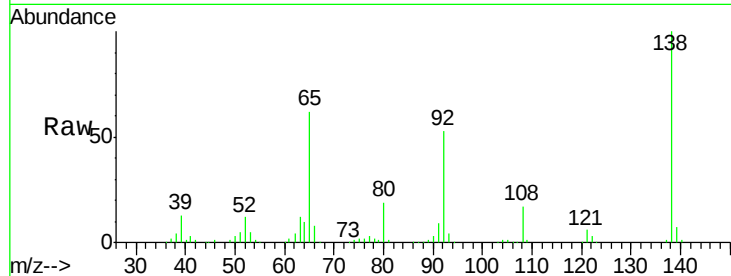




#47  
2-Nitroaniline  
Concen: 39.72 ng  
RT: 9.37 min Scan# 637  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

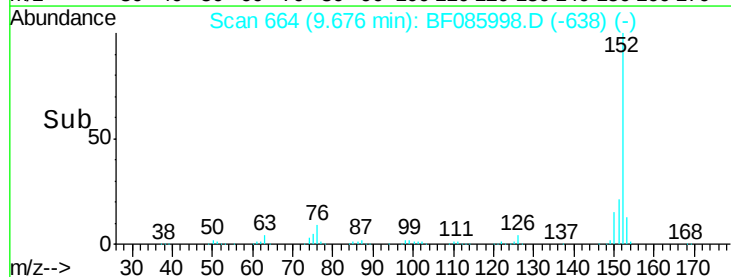
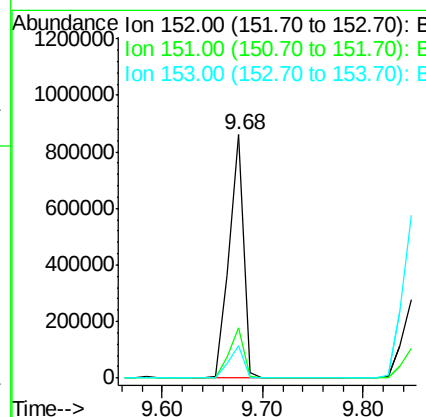
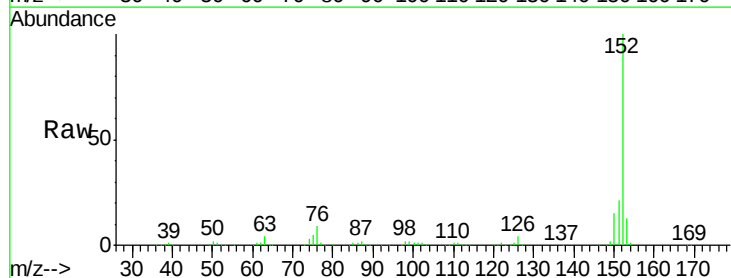
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

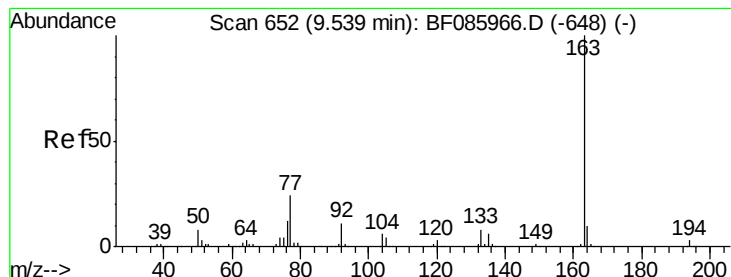
Tgt Ion: 65 Resp: 152910  
Ion Ratio Lower Upper  
65 100  
92 85.4 59.7 89.5  
138 160.0 91.4 137.0#



#48  
Acenaphthylene  
Concen: 40.77 ng  
RT: 9.68 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

Tgt Ion: 152 Resp: 859318  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.8 25.2  
153 13.2 10.9 16.3





#49

Dimethylphthalate

Concen: 37.71 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

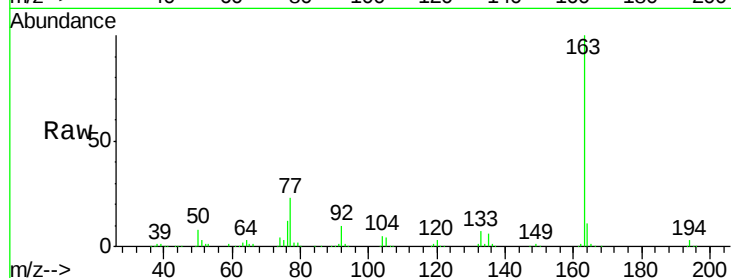
Tgt Ion:163 Resp: 588298

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

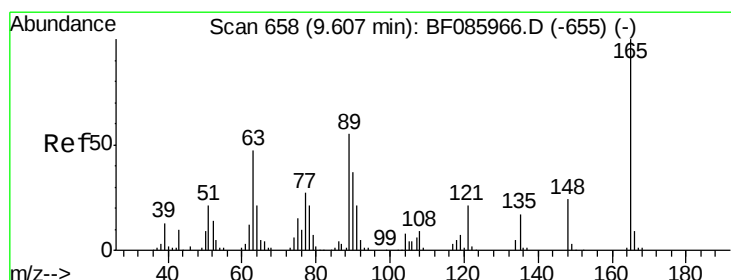
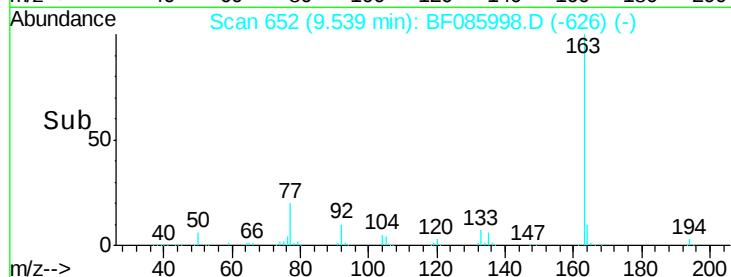
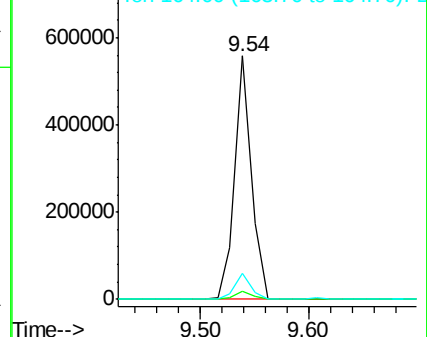
164 10.5 8.3 12.5



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: 42.80 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

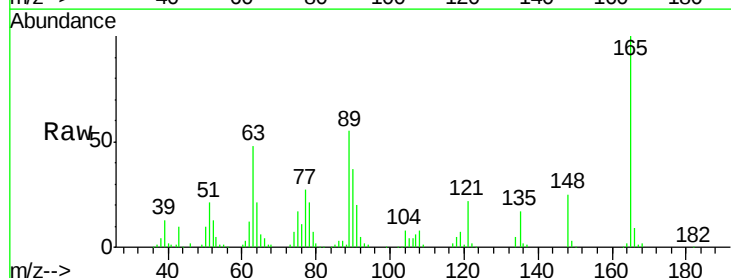
Tgt Ion:165 Resp: 141288

Ion Ratio Lower Upper

165 100

63 48.2 51.8 77.8#

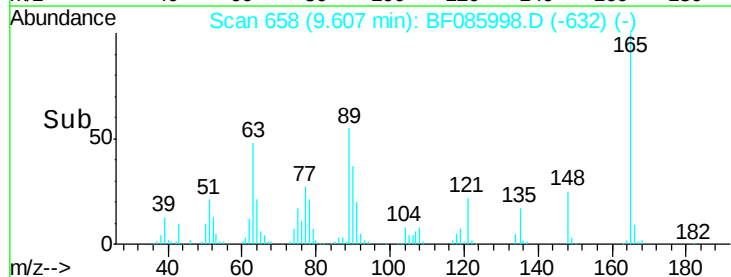
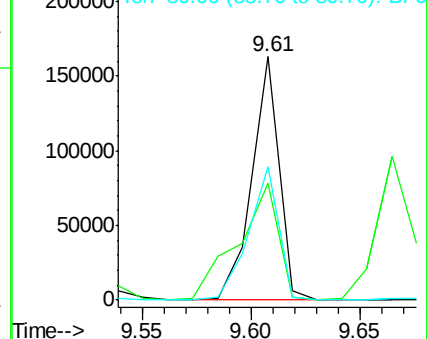
89 54.7 53.7 80.5

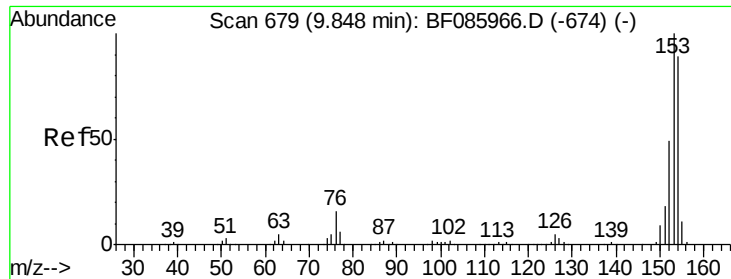


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.10 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

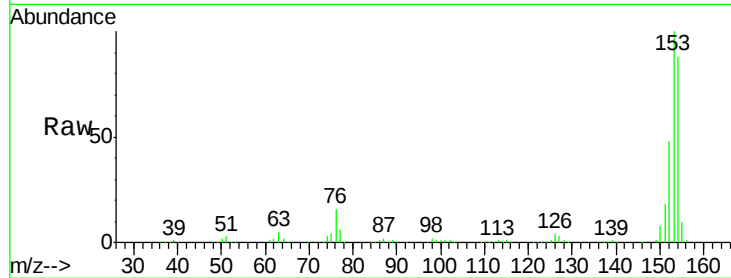
Tgt Ion:154 Resp: 502692

Ion Ratio Lower Upper

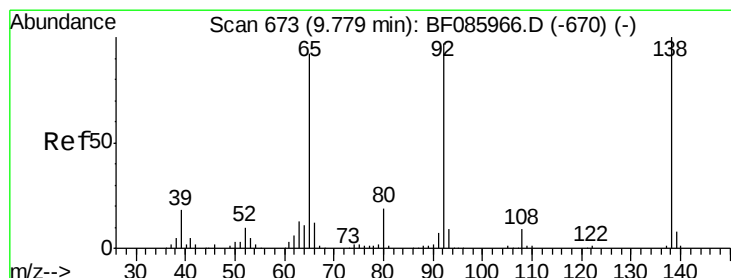
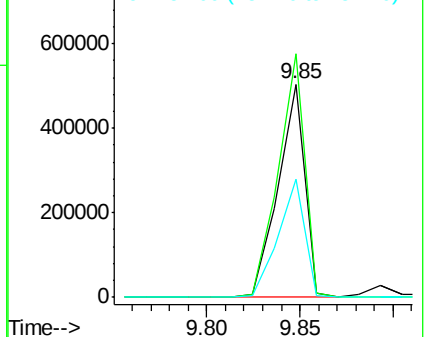
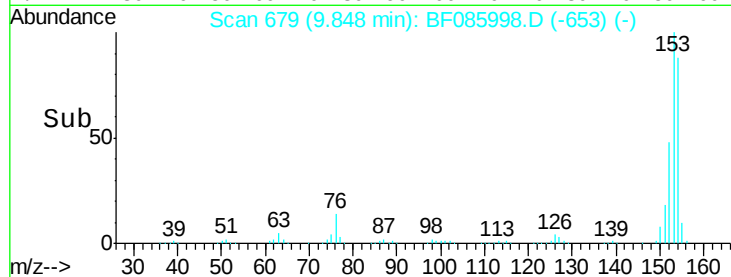
154 100

153 114.1 90.1 135.1

152 55.2 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: 42.19 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

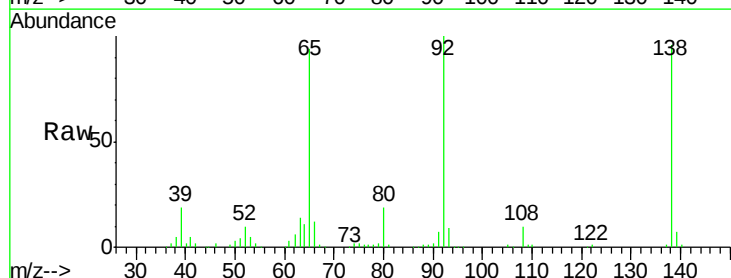
Tgt Ion:138 Resp: 167850

Ion Ratio Lower Upper

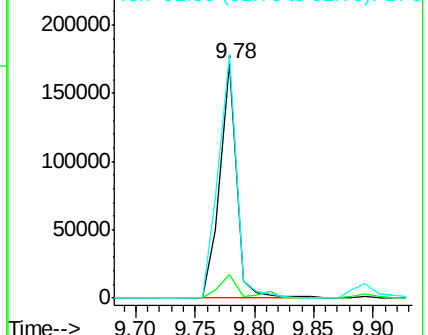
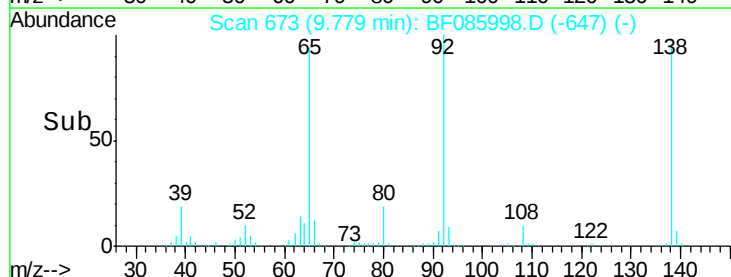
138 100

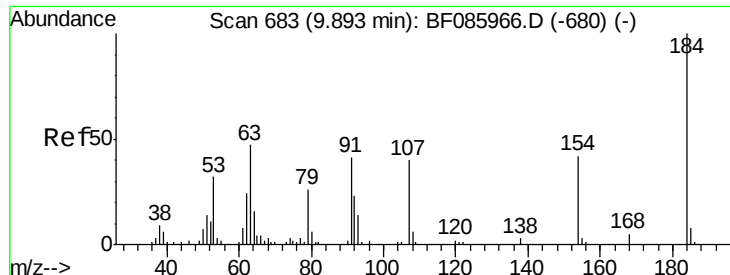
108 10.0 8.7 13.1

92 104.0 93.3 139.9



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

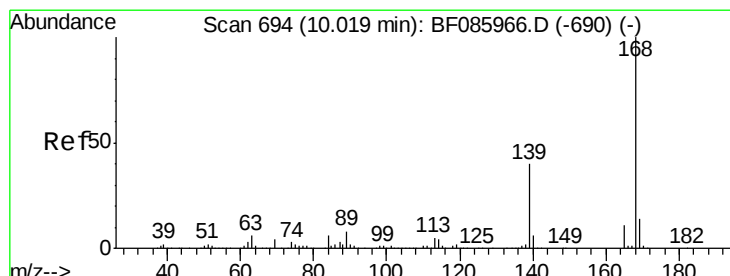
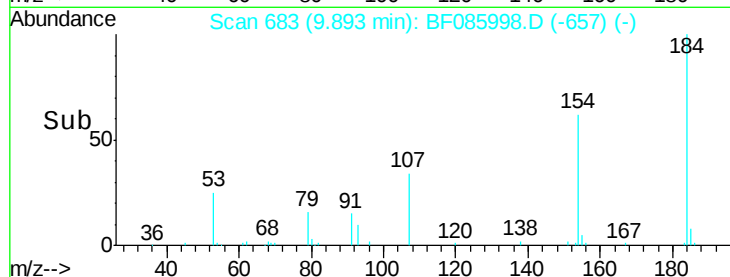
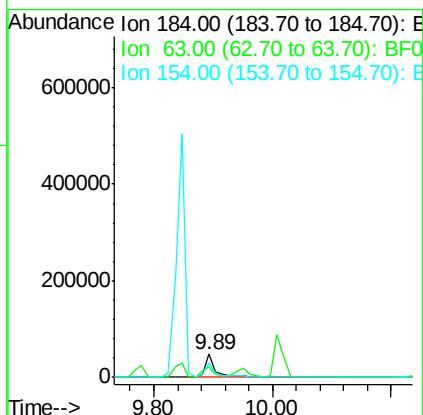
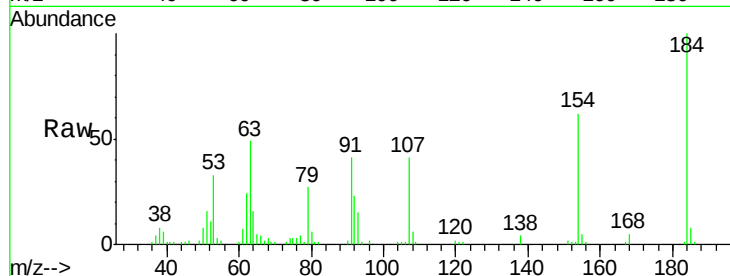




#53  
2,4-Dinitrophenol  
Concen: 38.60 ng  
RT: 9.89 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

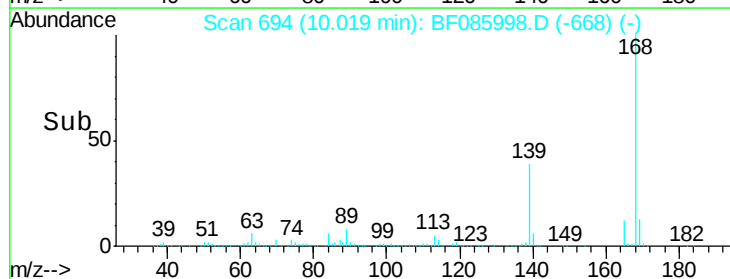
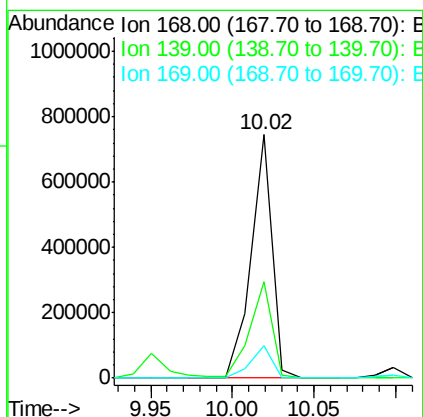
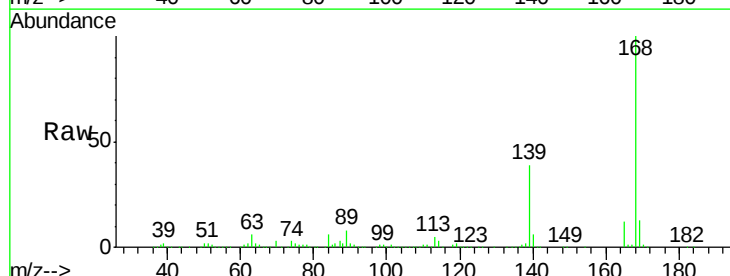
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

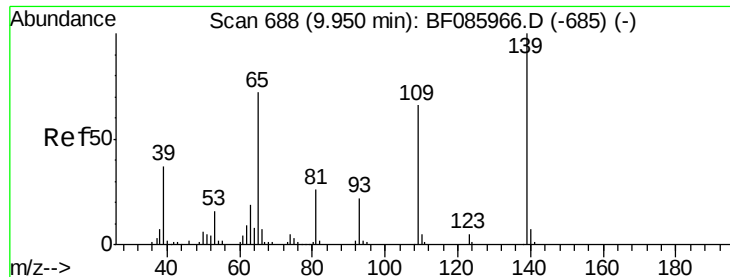
Tgt Ion:184 Resp: 62316  
Ion Ratio Lower Upper  
184 100  
63 48.7 69.5 104.3#  
154 62.4 58.3 87.5



#54  
Dibenzofuran  
Concen: 40.25 ng  
RT: 10.02 min Scan# 694  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

Tgt Ion:168 Resp: 666293  
Ion Ratio Lower Upper  
168 100  
139 39.4 31.9 47.9  
169 13.2 11.0 16.6

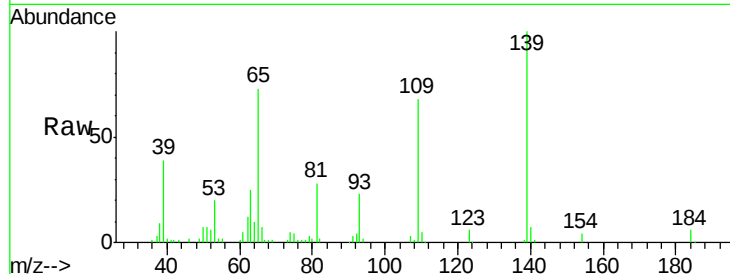




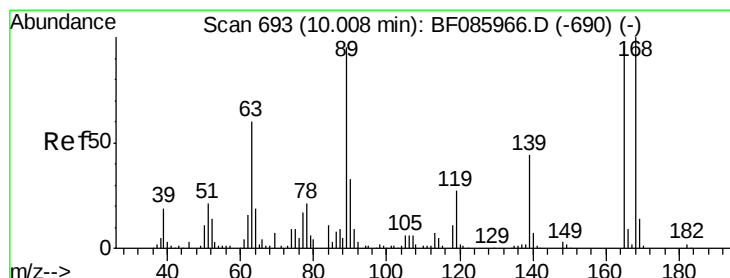
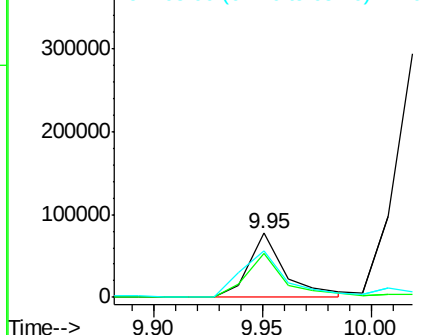
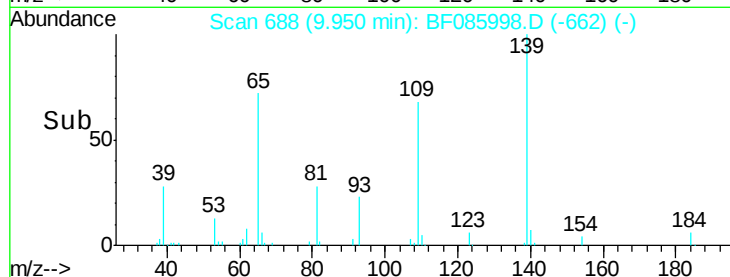
#55  
4-Nitrophenol  
Concen: 38.52 ng  
RT: 9.95 min Scan# 688  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:139 Resp: 90351  
Ion Ratio Lower Upper  
139 100  
109 67.9 49.2 89.2  
65 73.1 66.9 106.9

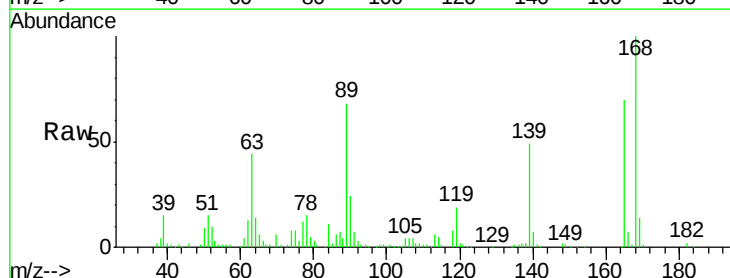


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

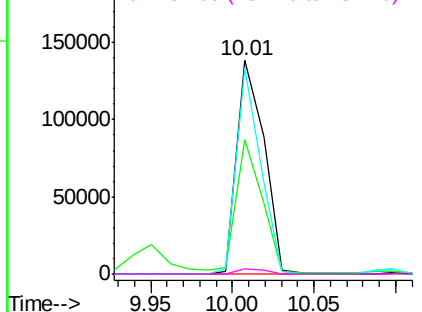
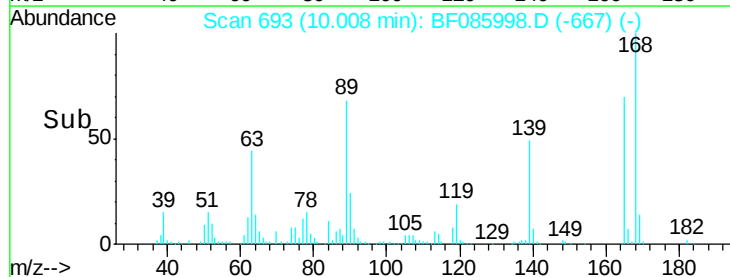


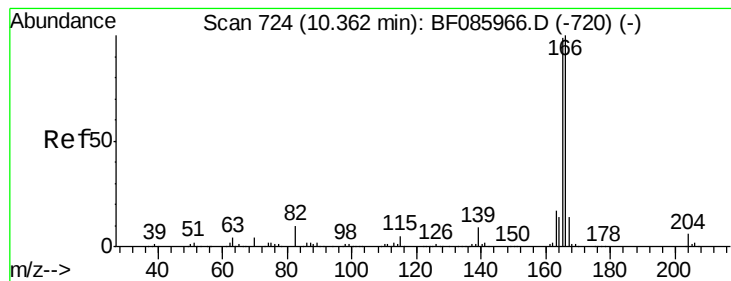
#56  
2,4-Dinitrotoluene  
Concen: 38.09 ng  
RT: 10.01 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

Tgt Ion:165 Resp: 158893  
Ion Ratio Lower Upper  
165 100  
63 63.2 24.9 37.3#  
89 96.7 41.0 61.6#  
182 2.3 2.1 3.1



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: 40.68 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

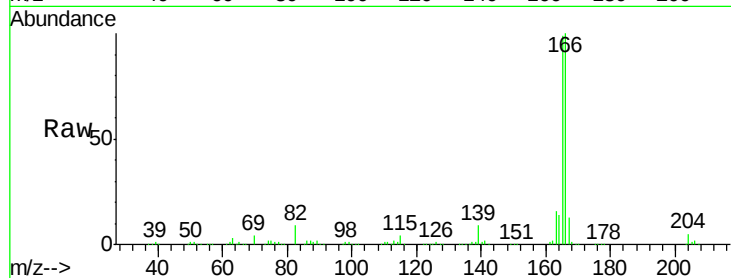
Tgt Ion:166 Resp: 575193

Ion Ratio Lower Upper

166 100

165 98.6 79.4 119.0

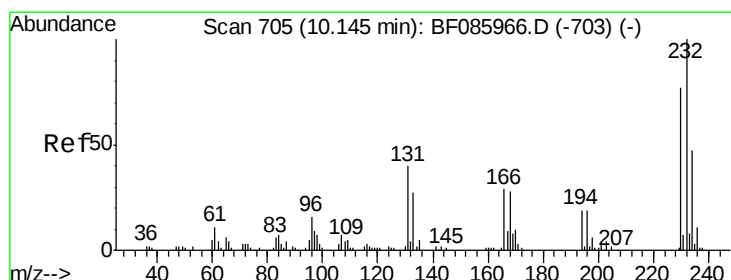
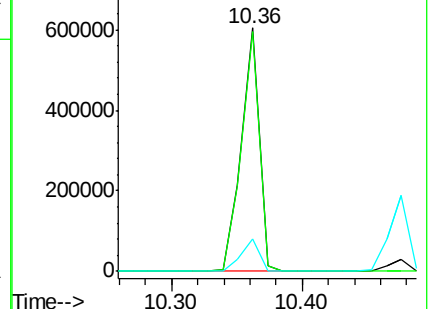
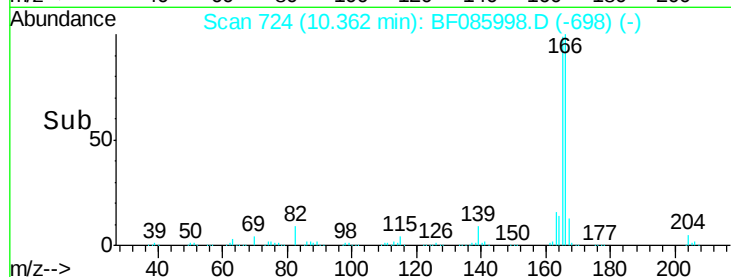
167 13.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.54 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion:232 Resp: 121425

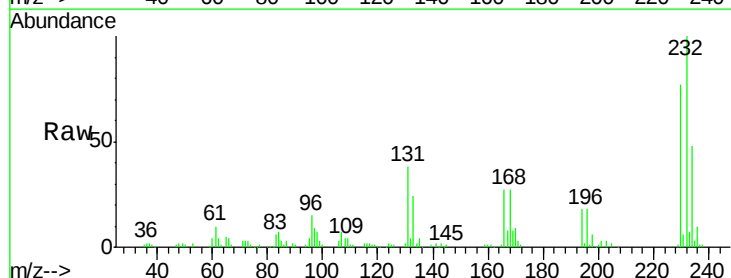
Ion Ratio Lower Upper

232 100

131 53.5 44.9 67.3

130 2.4 2.3 3.5

166 31.5 28.1 42.1

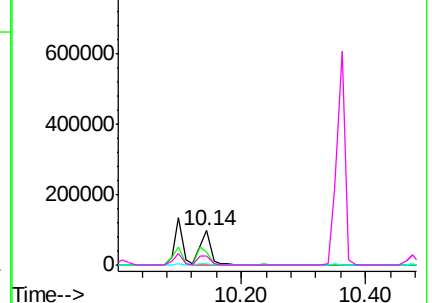
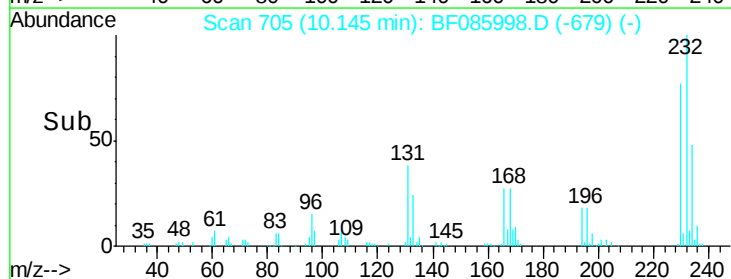


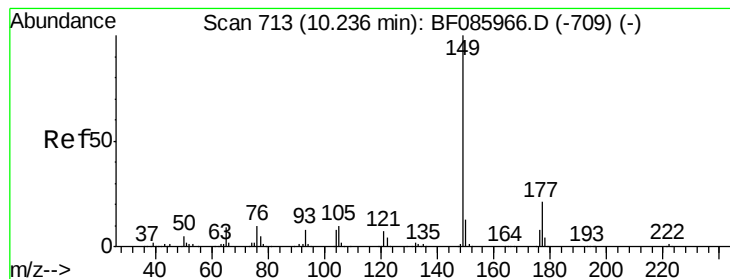
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.96 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

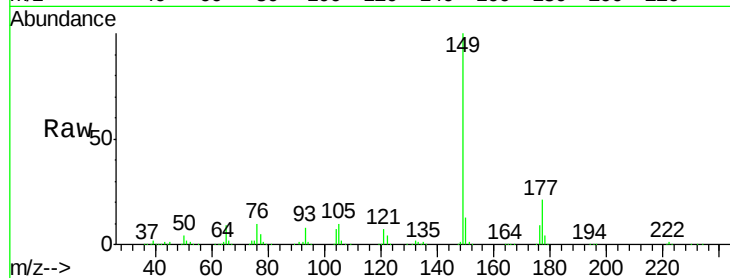
Tgt Ion:149 Resp: 613563

Ion Ratio Lower Upper

149 100

177 21.2 17.9 26.9

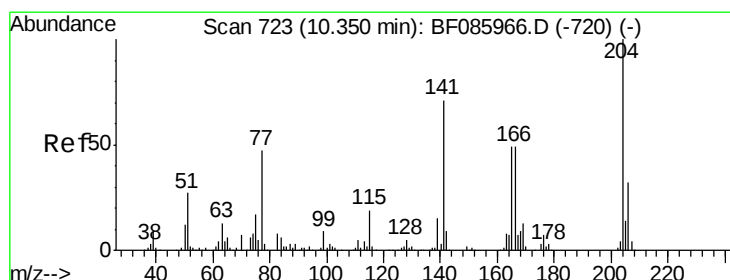
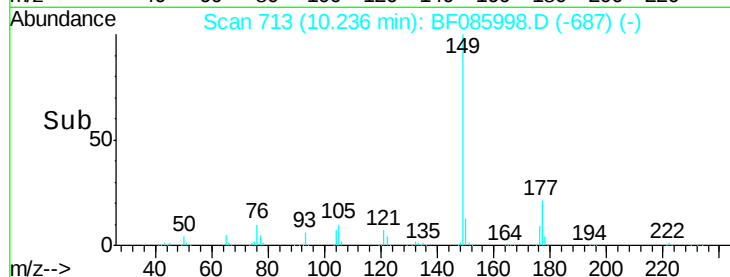
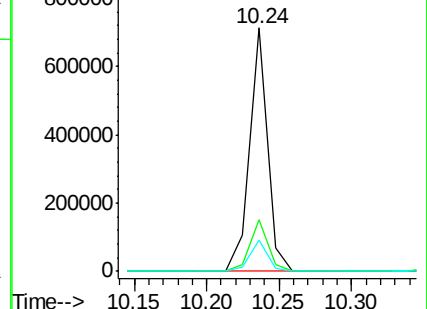
150 12.9 10.2 15.2



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: 40.62 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

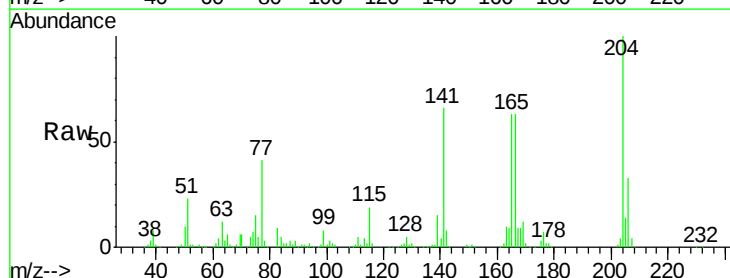
Tgt Ion:204 Resp: 267530

Ion Ratio Lower Upper

204 100

206 33.1 26.6 39.8

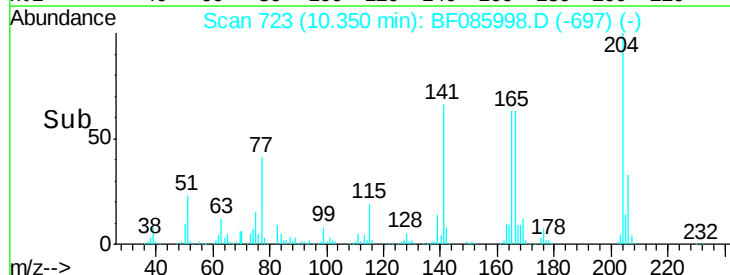
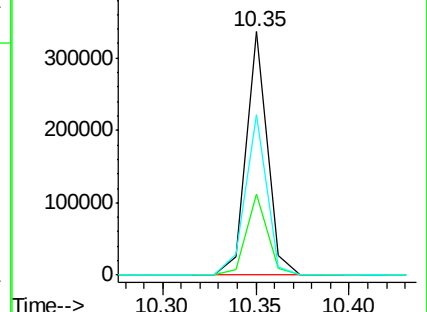
141 65.9 57.4 86.0

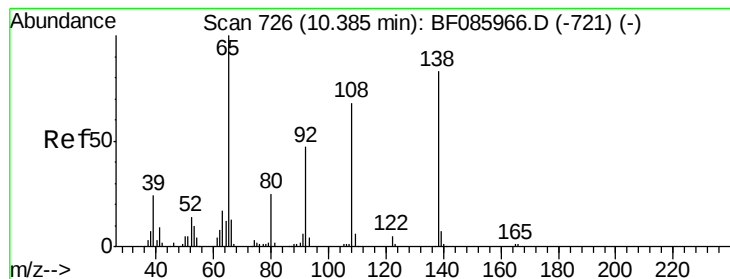


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.44 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

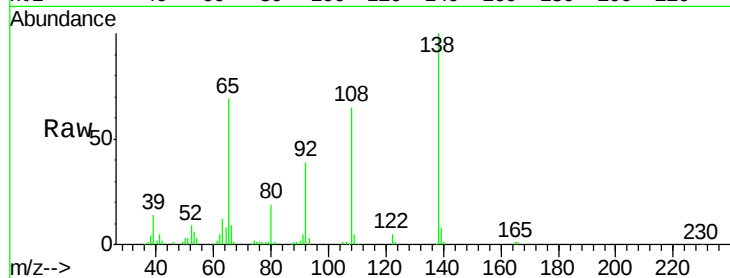
Tgt Ion:138 Resp: 166288

Ion Ratio Lower Upper

138 100

92 39.2 26.4 66.4

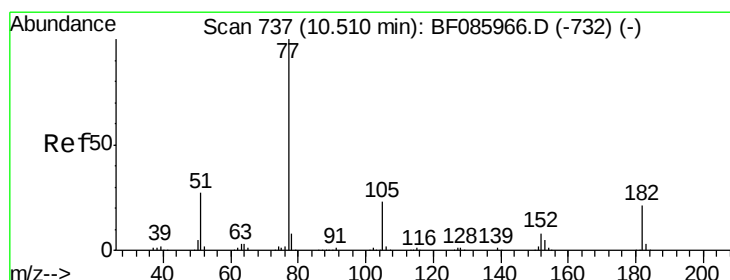
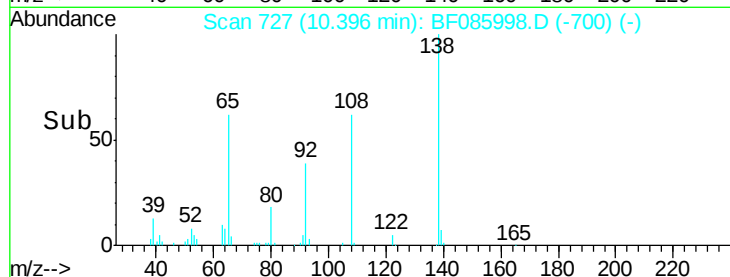
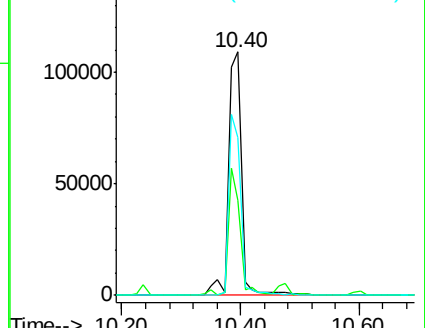
108 64.6 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.87 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Tgt Ion: 77 Resp: 616408

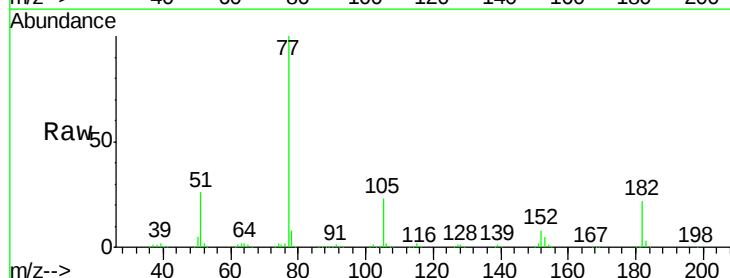
Ion Ratio Lower Upper

77 100

182 22.2 1.9 41.9

105 23.3 3.5 43.5

51 25.5 6.3 46.3

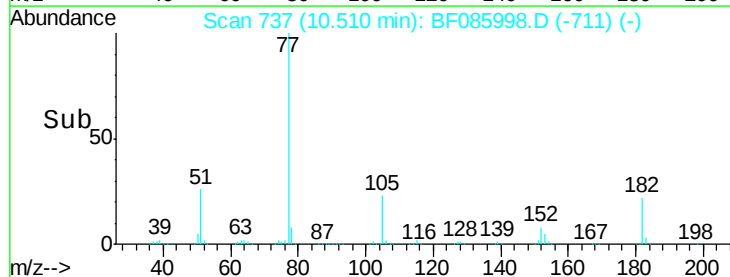
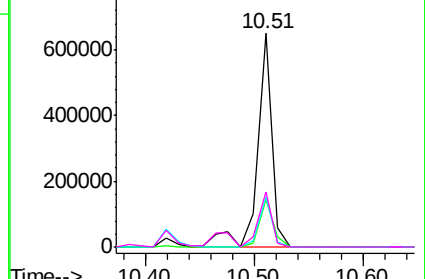


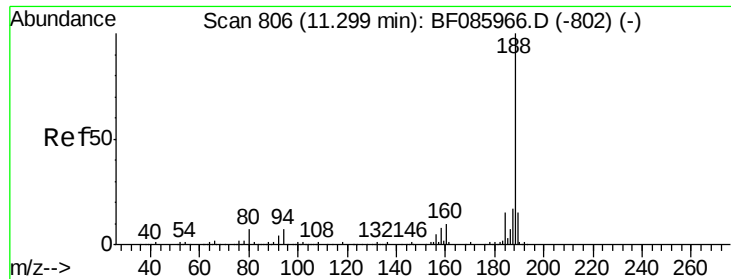
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

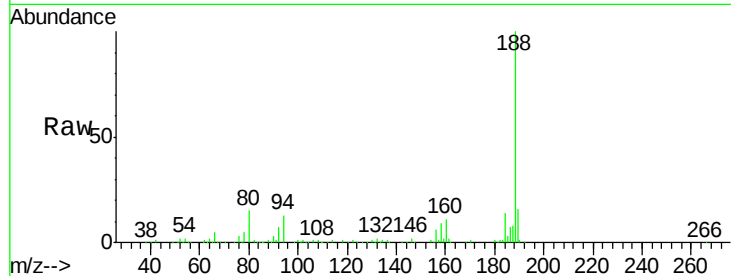
Tgt Ion:188 Resp: 403175

Ion Ratio Lower Upper

188 100

94 13.5 5.4 8.0#

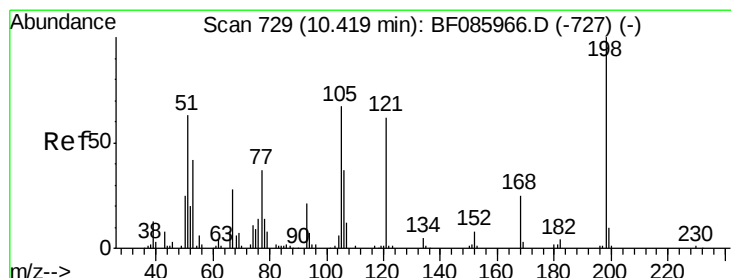
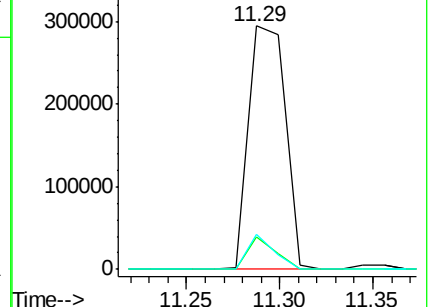
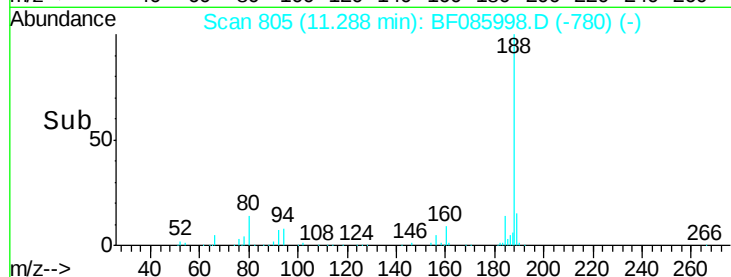
80 14.6 5.5 8.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.95 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

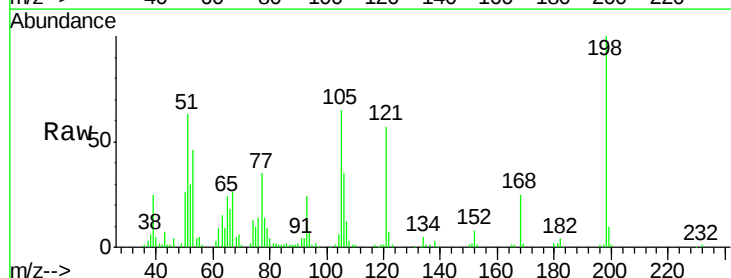
Tgt Ion:198 Resp: 97612

Ion Ratio Lower Upper

198 100

51 62.7 45.4 85.4

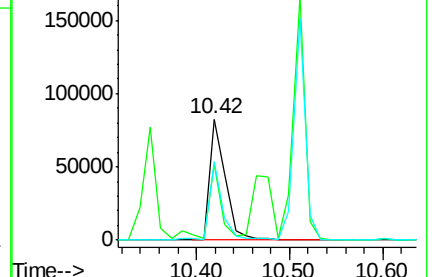
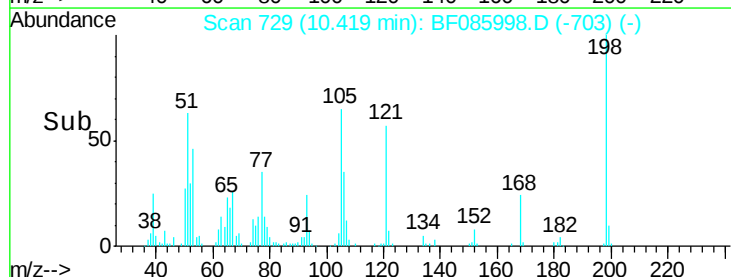
105 65.1 45.9 85.9

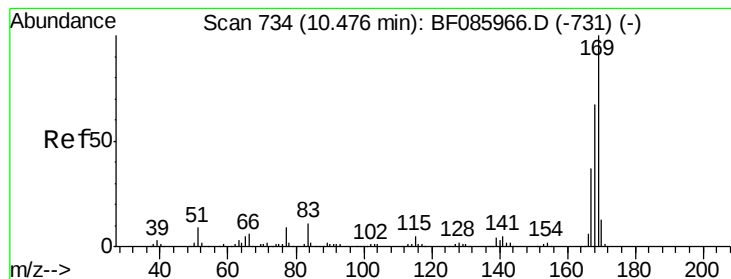


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.49 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

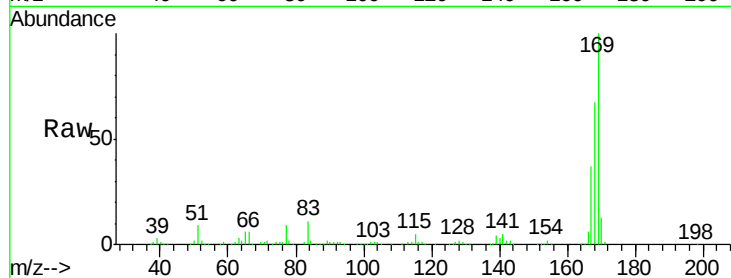
Tgt Ion:169 Resp: 510537

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

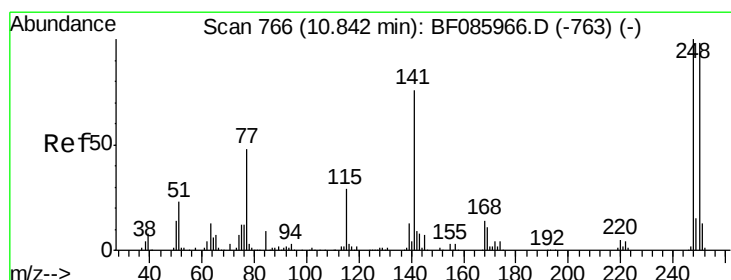
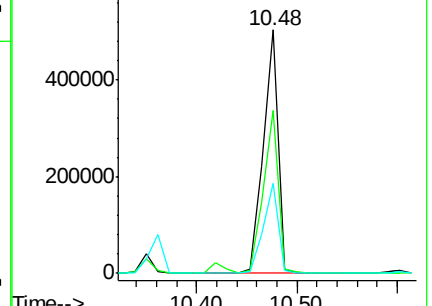
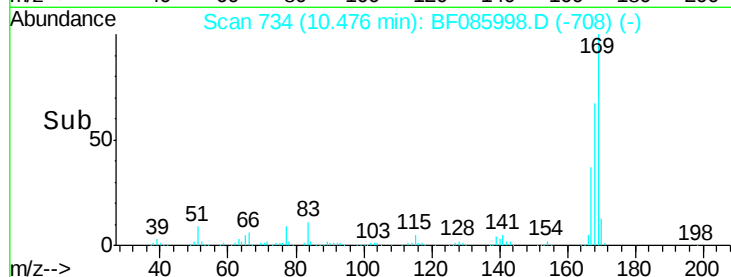
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.76 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

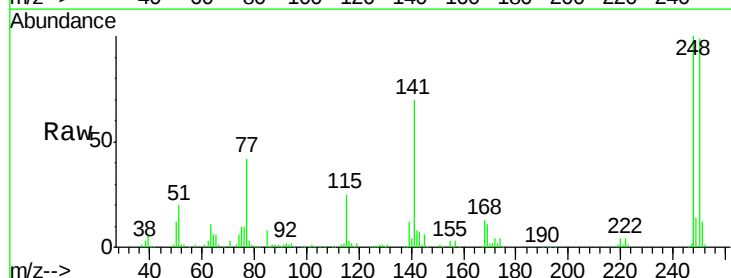
Tgt Ion:248 Resp: 167769

Ion Ratio Lower Upper

248 100

250 98.6 77.4 116.0

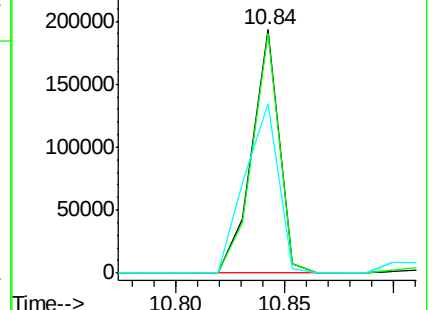
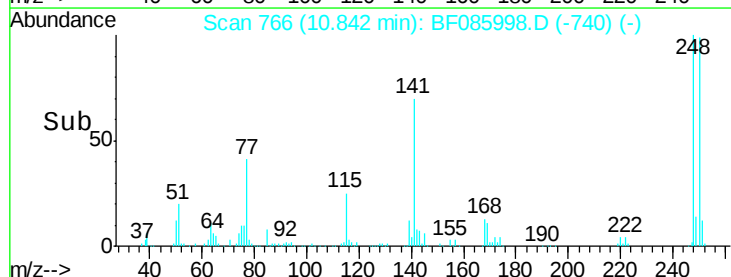
141 69.6 63.6 95.4

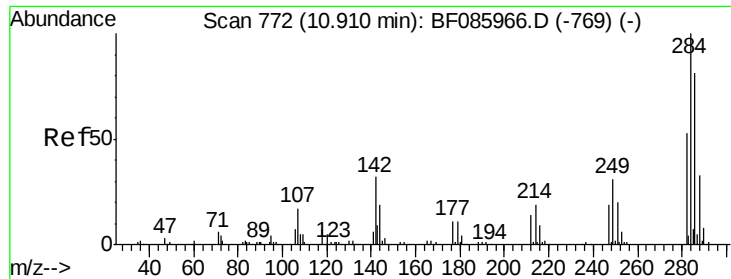


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

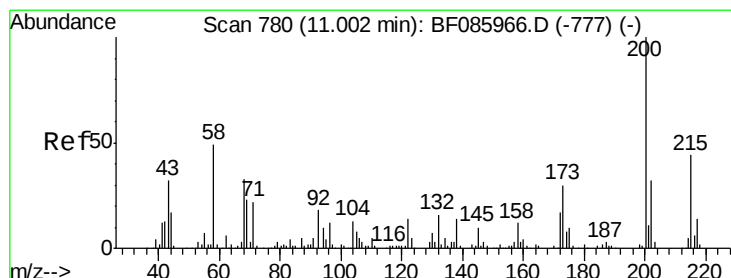
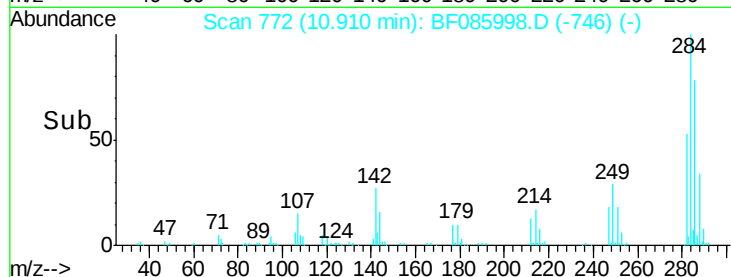
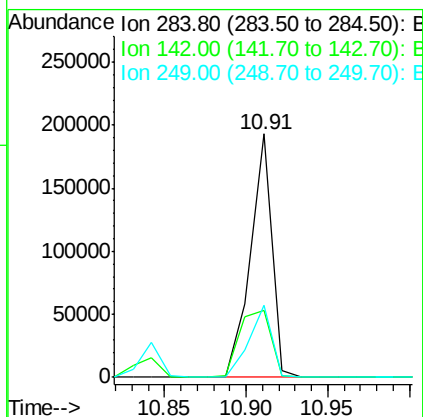
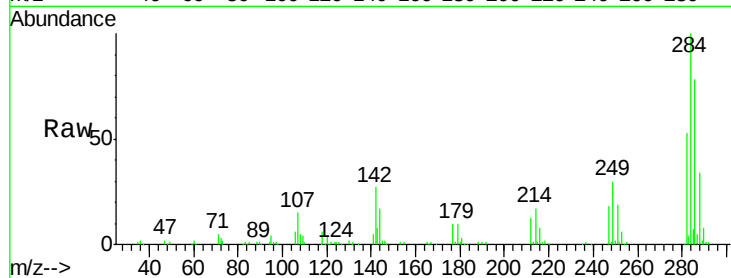




#67  
Hexachlorobenzene  
Concen: 41.60 ng  
RT: 10.91 min Scan# 772  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

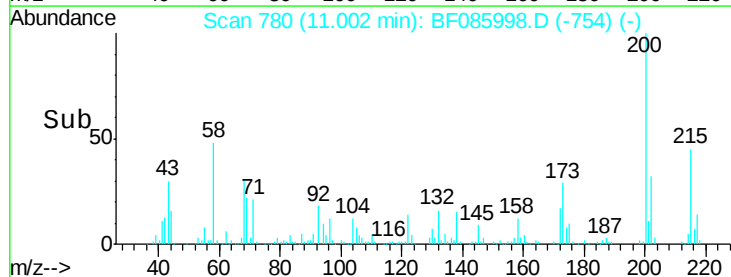
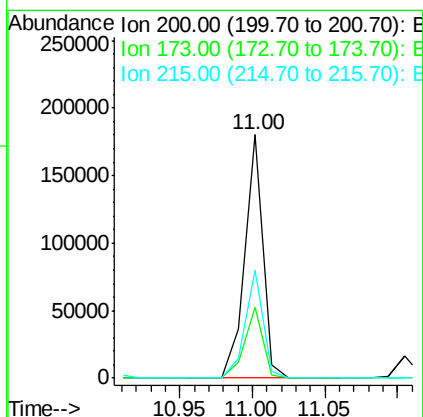
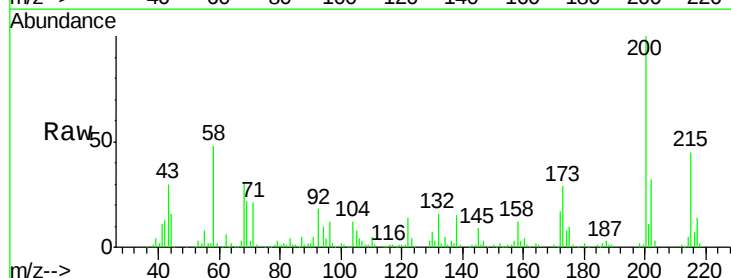
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

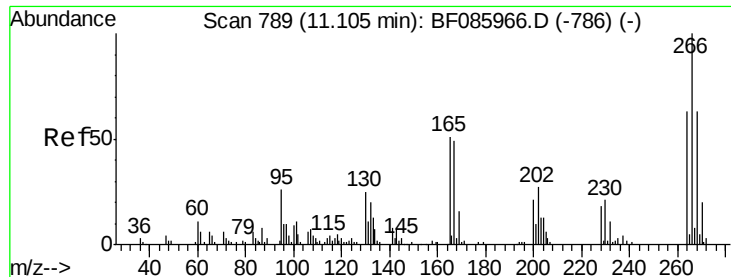
Tgt Ion:284 Resp: 177057  
Ion Ratio Lower Upper  
284 100  
142 27.3 23.1 34.7  
249 29.5 24.2 36.2



#68  
Atrazine  
Concen: 38.33 ng  
RT: 11.00 min Scan# 780  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

Tgt Ion:200 Resp: 156165  
Ion Ratio Lower Upper  
200 100  
173 29.2 7.7 47.7  
215 44.6 25.4 65.4

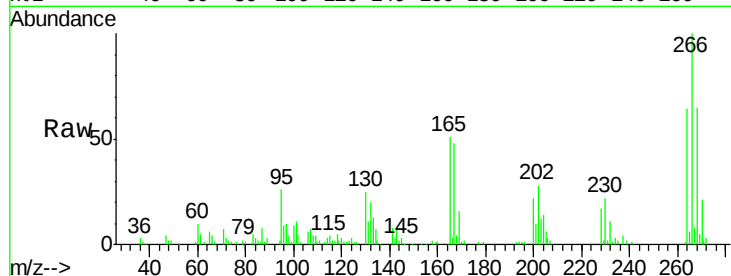




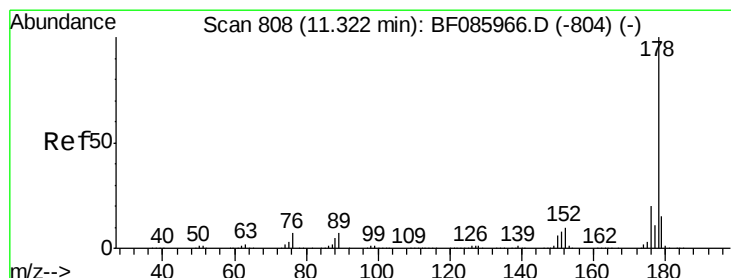
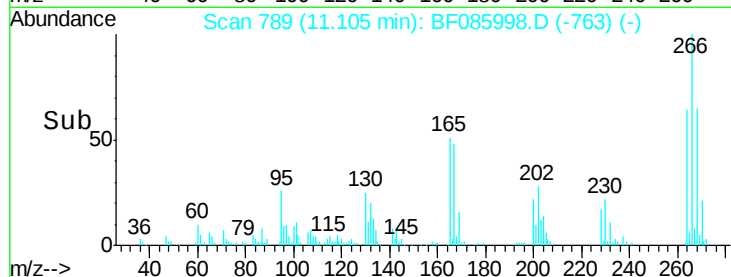
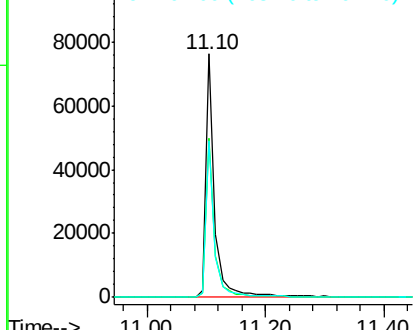
#69  
 Pentachlorophenol  
 Concen: 40.51 ng  
 RT: 11.10 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 266 Resp: 80822  
 Ion Ratio Lower Upper  
 266 100  
 268 65.2 51.5 77.3  
 264 64.1 50.6 76.0

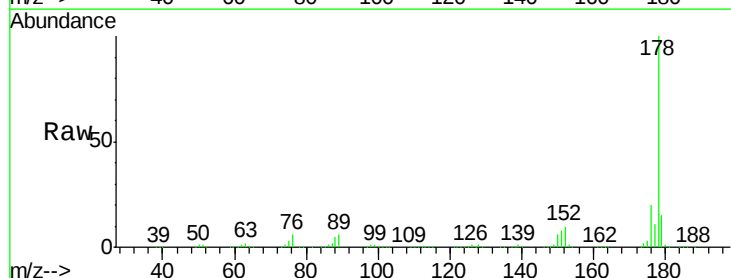


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

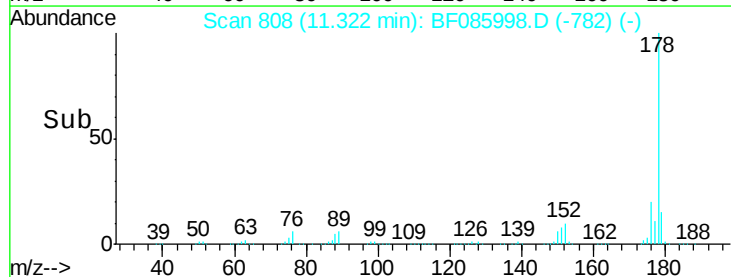
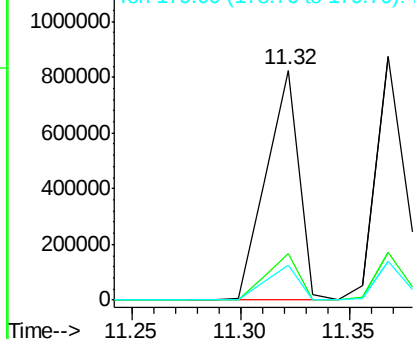


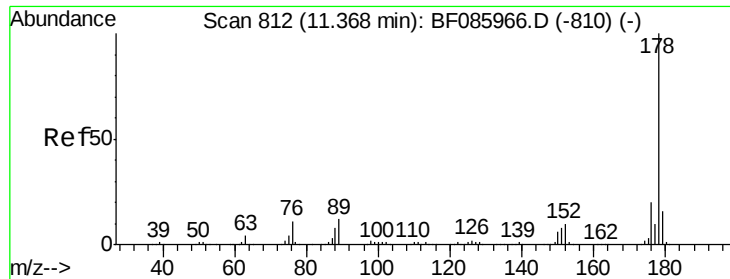
#70  
 Phenanthrene  
 Concen: 39.58 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion: 178 Resp: 870600  
 Ion Ratio Lower Upper  
 178 100  
 176 20.1 16.3 24.5  
 179 15.5 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

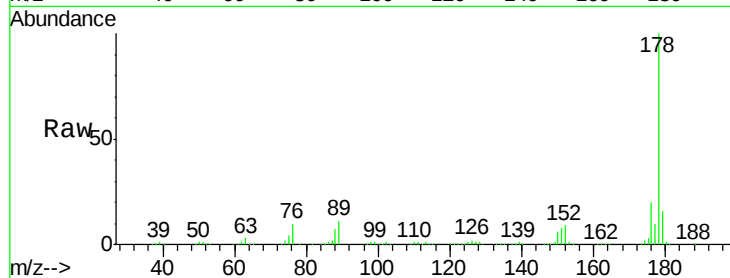




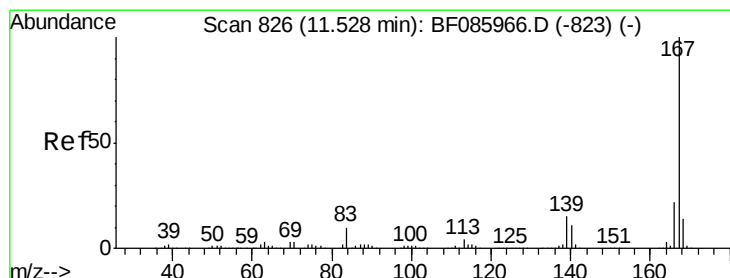
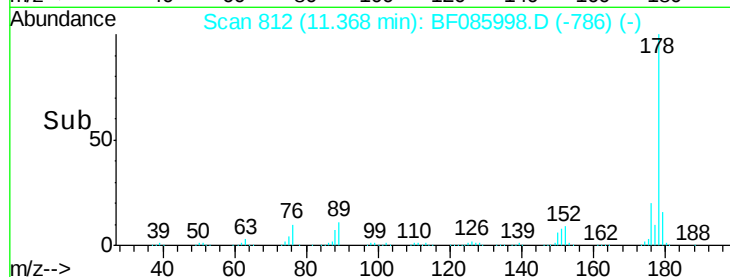
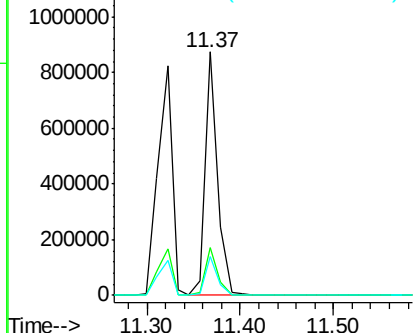
#71  
 Anthracene  
 Concen: 35.49 ng  
 RT: 11.37 min Scan# 812  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:178 Resp: 817610  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.9 23.9  
 179 16.0 13.0 19.4

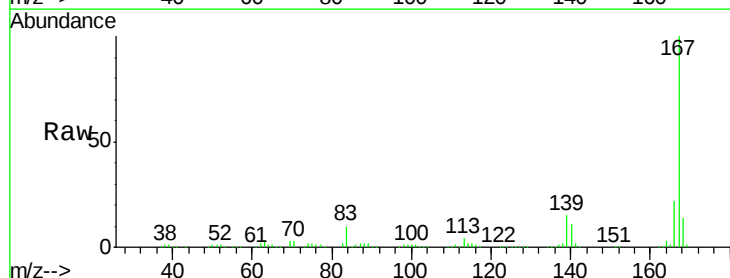


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

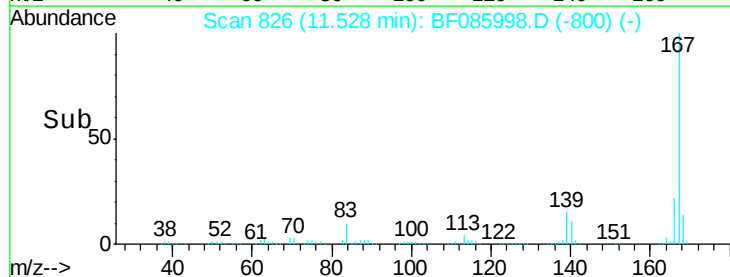
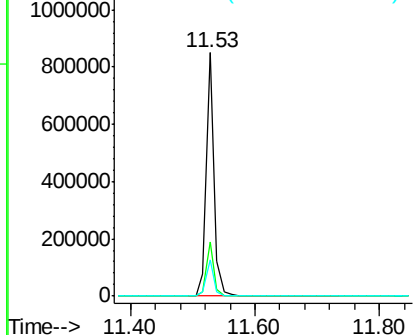


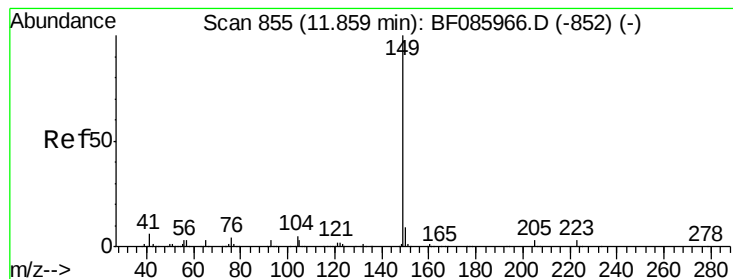
#72  
 Carbazole  
 Concen: 37.60 ng  
 RT: 11.53 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion:167 Resp: 744653  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.8 26.8  
 139 14.8 11.6 17.4



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: 41.55 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

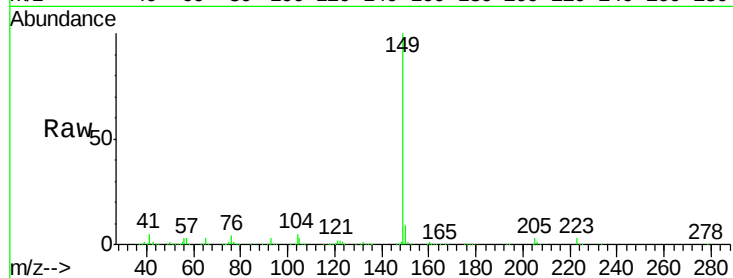
Tgt Ion:149 Resp: 1019656

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

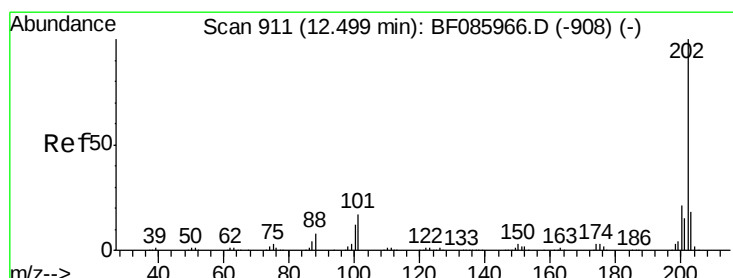
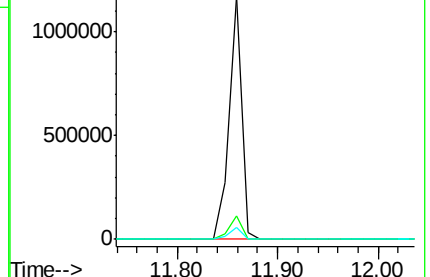
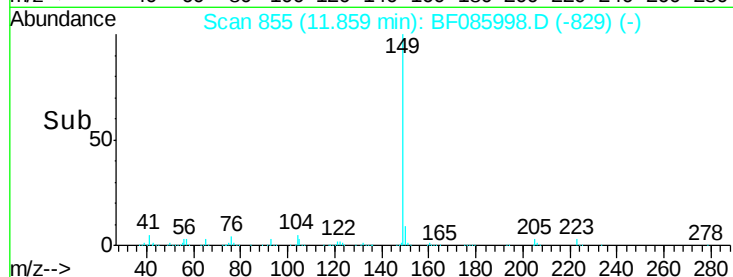
104 4.7 3.8 5.8



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: 37.37 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

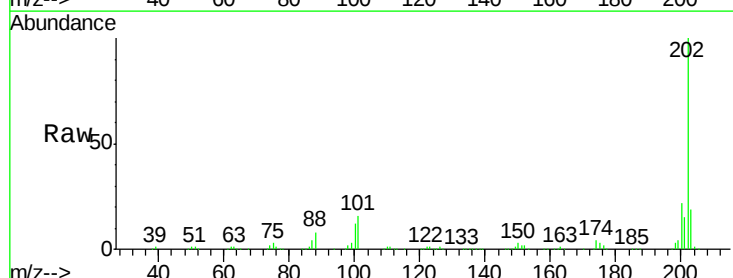
Tgt Ion:202 Resp: 854948

Ion Ratio Lower Upper

202 100

101 16.4 0.0 36.6

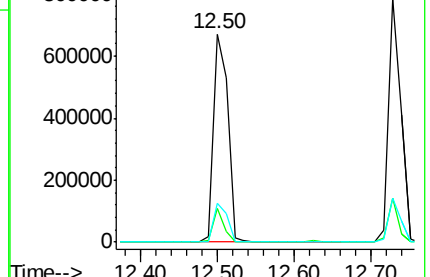
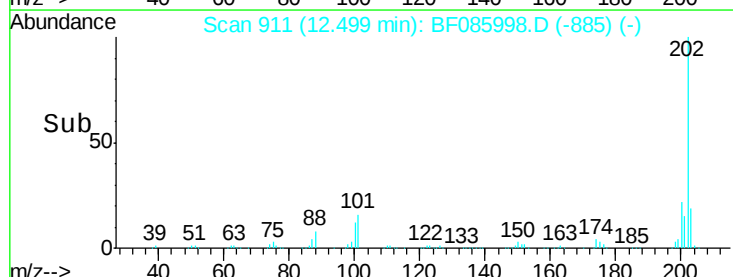
203 18.6 0.0 38.1

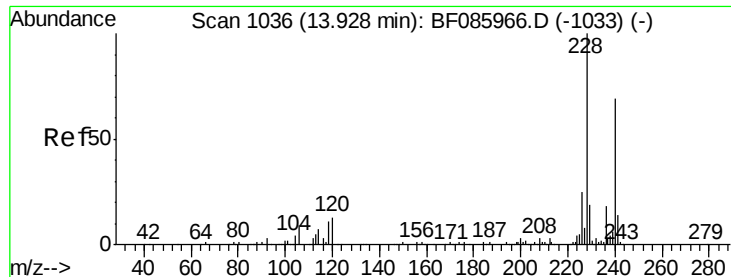


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

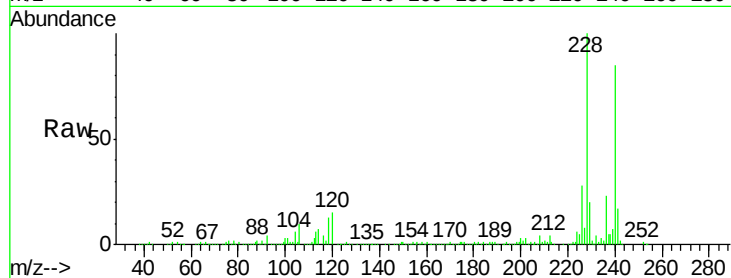
Tgt Ion:240 Resp: 339016

Ion Ratio Lower Upper

240 100

120 17.4 13.8 20.8

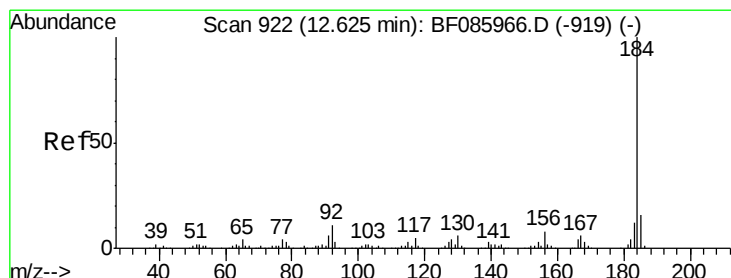
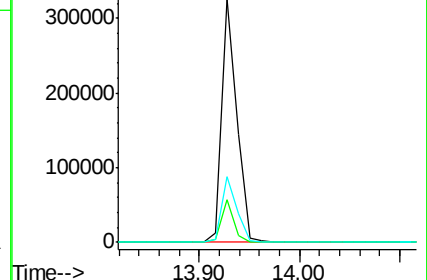
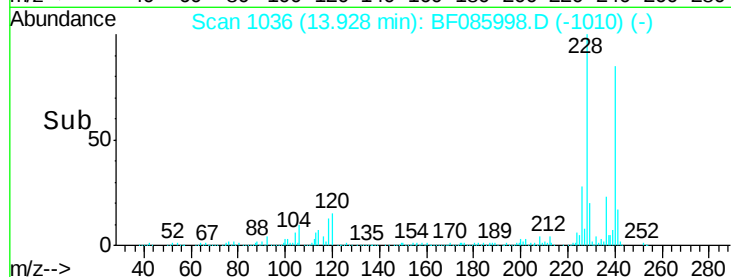
236 27.0 20.6 30.8



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: 36.65 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

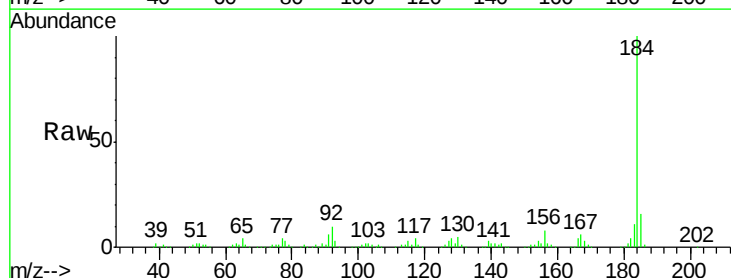
Tgt Ion:184 Resp: 438339

Ion Ratio Lower Upper

184 100

185 15.8 12.4 18.6

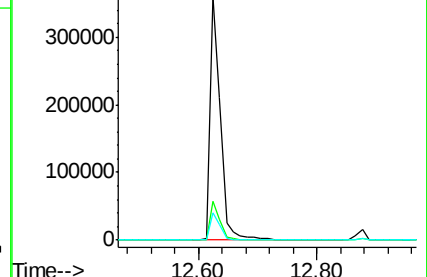
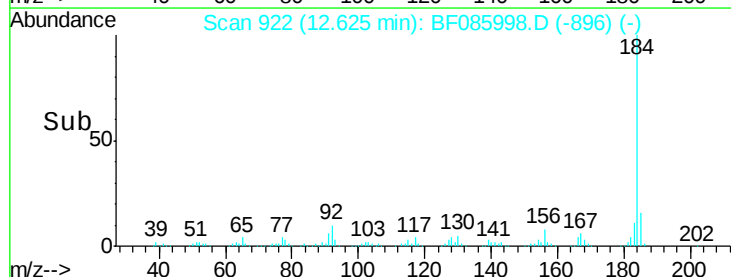
183 11.3 9.4 14.2

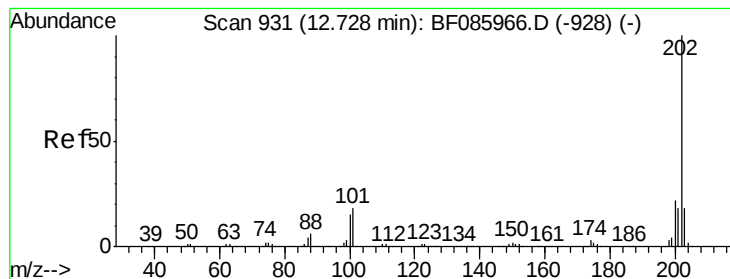


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.95 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

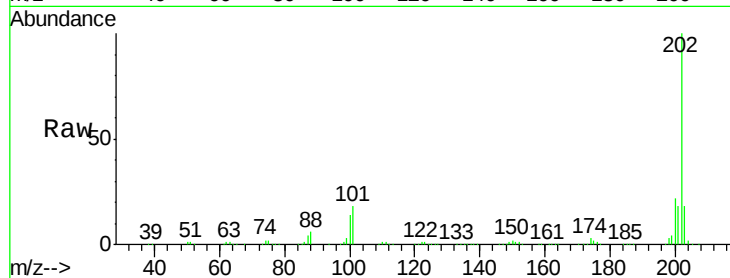
Tgt Ion: 202 Resp: 858825

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

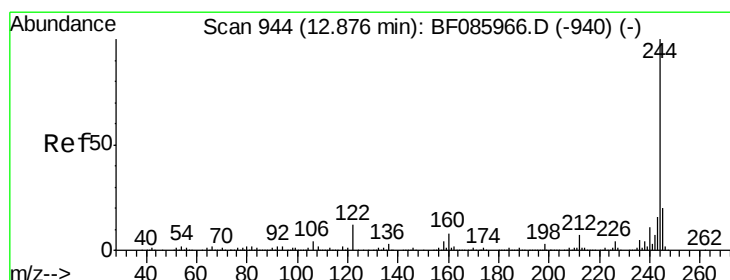
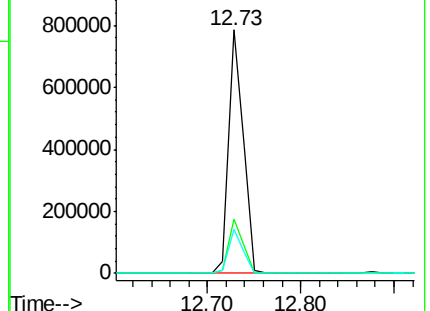
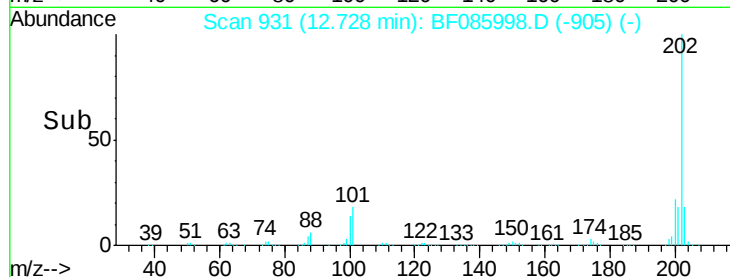
203 17.9 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.11 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

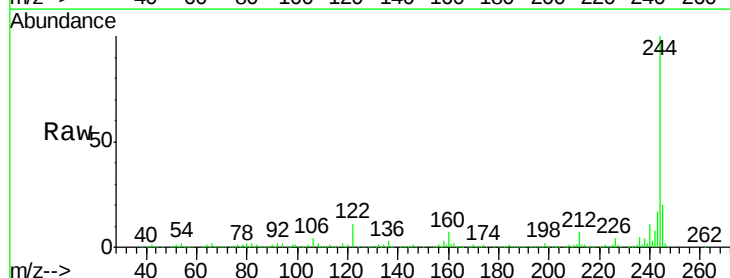
Tgt Ion: 244 Resp: 1097702

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

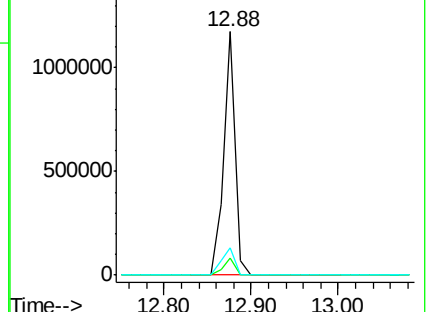
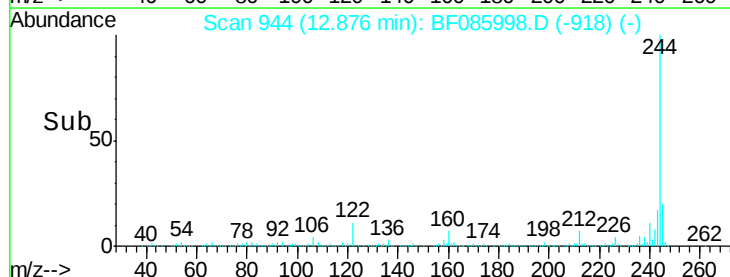
122 11.2 10.2 15.4

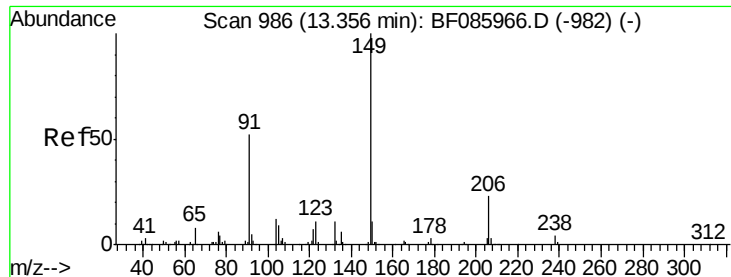


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

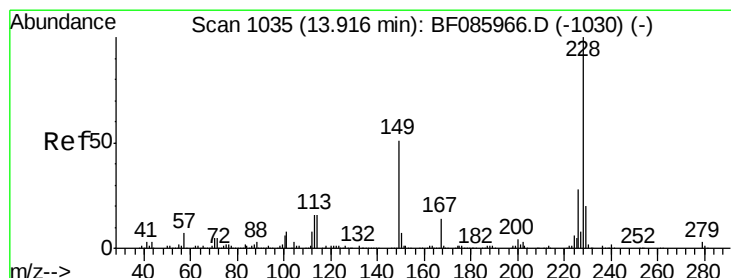
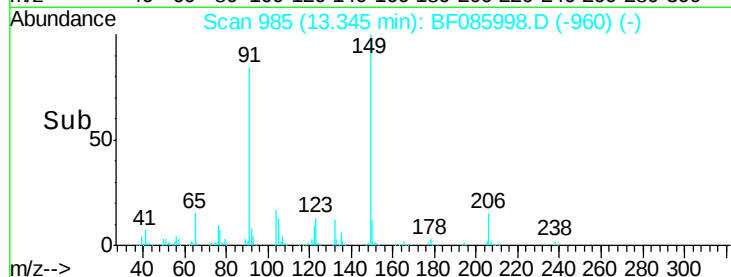
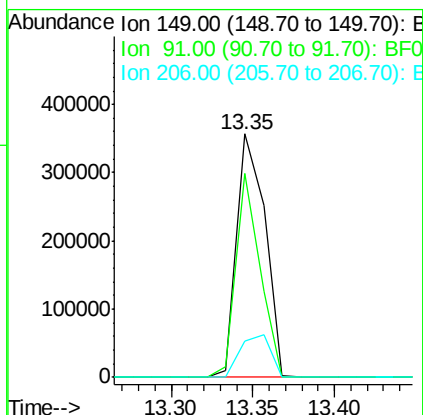
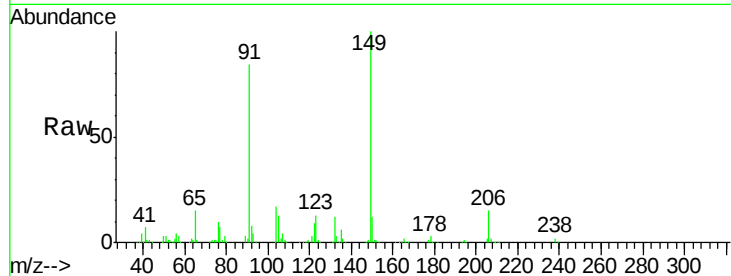




#79  
Butylbenzylphthalate  
Concen: 39.69 ng  
RT: 13.35 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

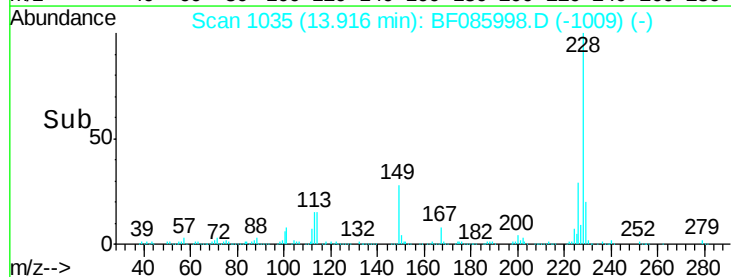
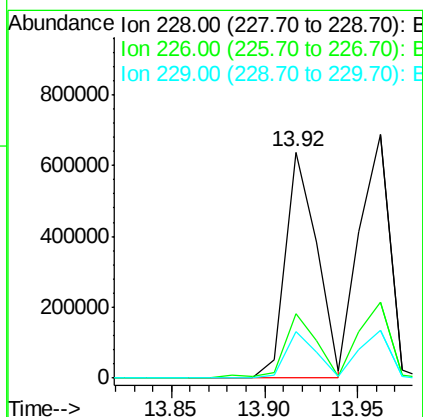
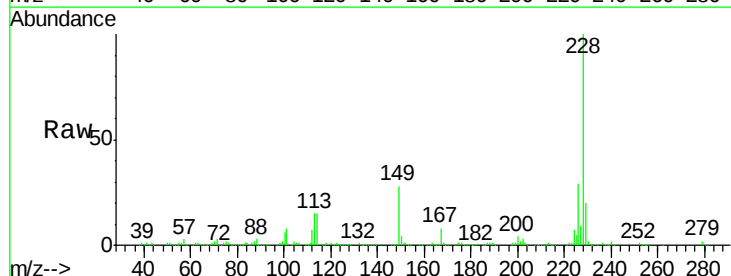
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 83.8  | 45.8  | 68.8# |
| 206     | 14.9  | 17.8  | 26.8# |



#80  
Benzo(a)anthracene  
Concen: 37.53 ng  
RT: 13.92 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.1  | 33.1  |
| 229     | 20.3  | 16.2  | 24.4  |

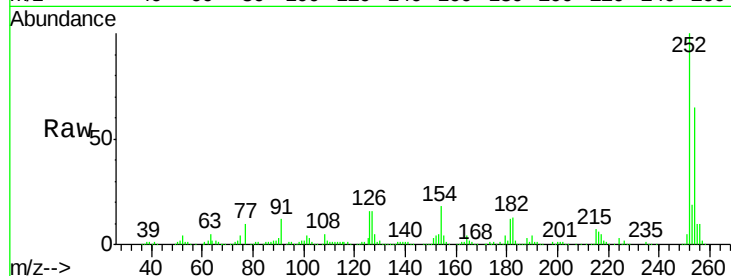




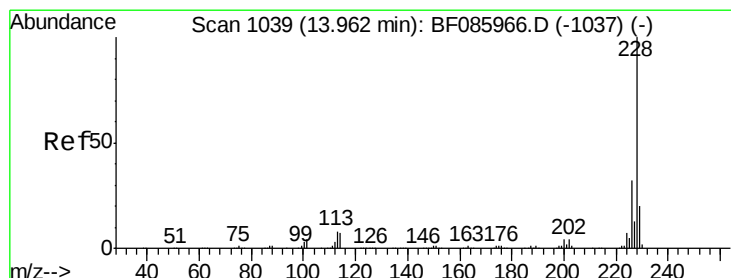
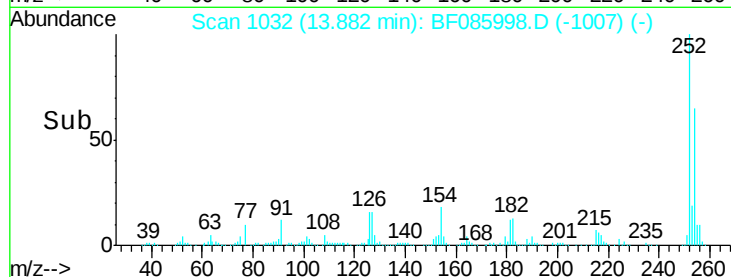
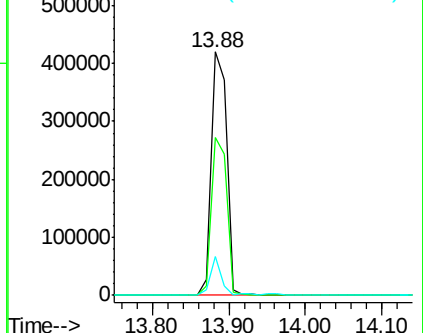
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.48 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. -0.01 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 252 Resp: 576258  
 Ion Ratio Lower Upper  
 252 100  
 254 64.6 50.7 76.1  
 126 15.9 11.8 17.6

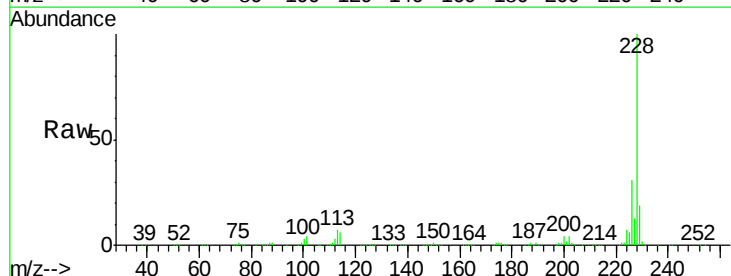


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

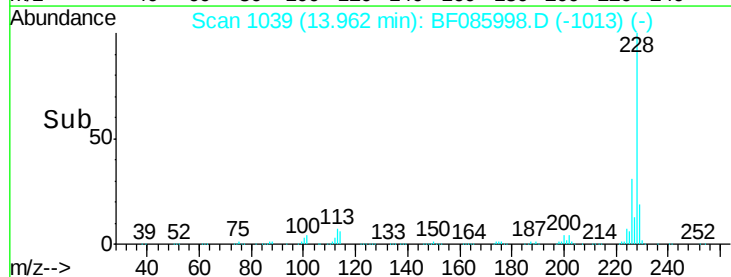
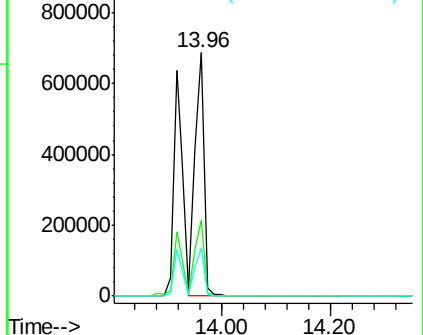


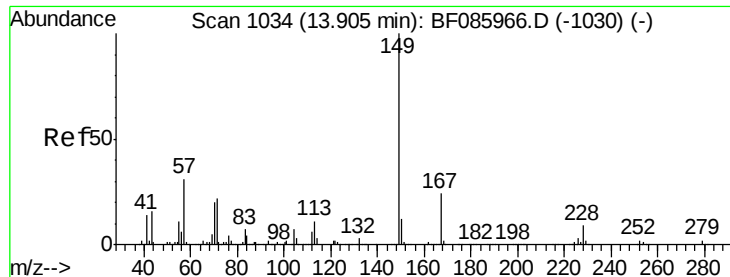
#82  
 Chrysene  
 Concen: 40.86 ng  
 RT: 13.96 min Scan# 1039  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion: 228 Resp: 786473  
 Ion Ratio Lower Upper  
 228 100  
 226 31.3 25.0 37.6  
 229 19.5 15.7 23.5



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

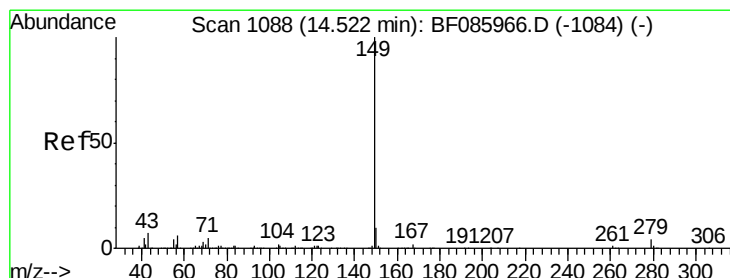
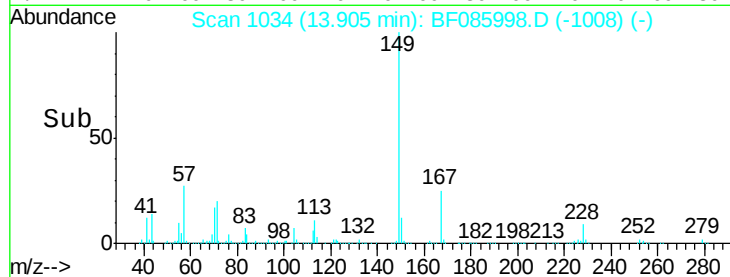
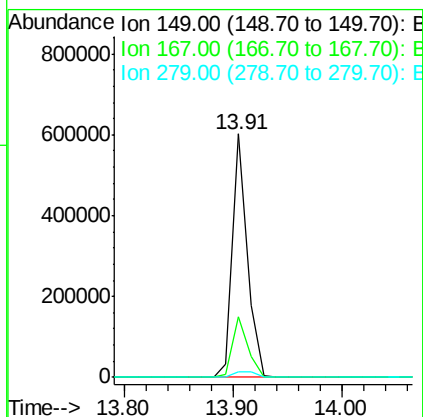
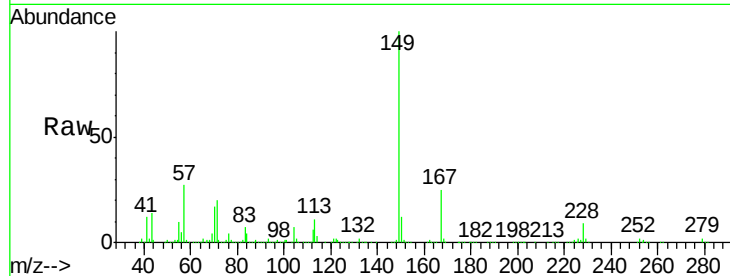




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.76 ng  
 RT: 13.91 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

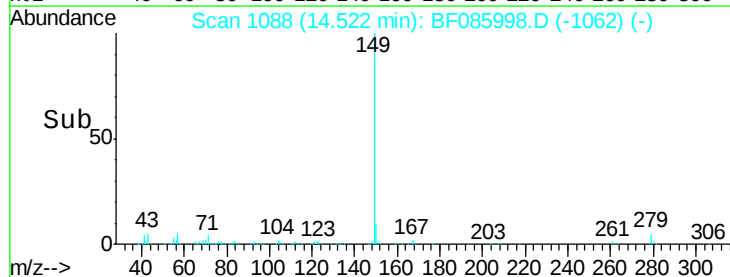
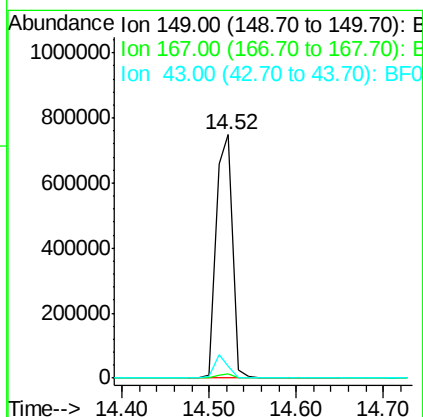
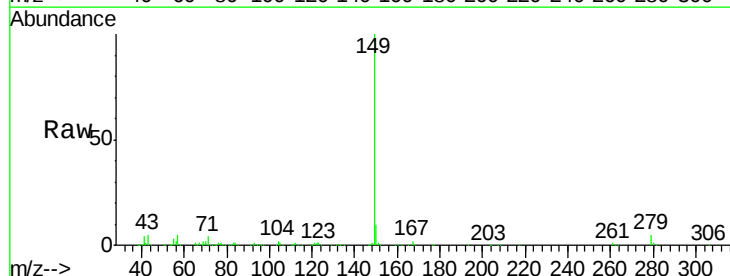
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:149 Resp: 567630  
 Ion Ratio Lower Upper  
 149 100  
 167 24.8 19.4 29.2  
 279 2.3 1.5 2.3



#84  
 Di-n-octyl phthalate  
 Concen: 43.81 ng  
 RT: 14.52 min Scan# 1088  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

Tgt Ion:149 Resp: 998870  
 Ion Ratio Lower Upper  
 149 100  
 167 1.4 1.2 1.8  
 43 8.1 7.1 10.7

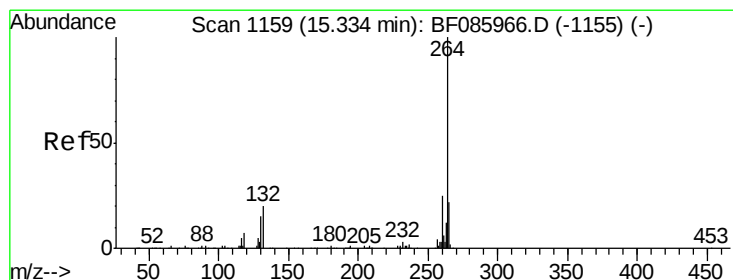
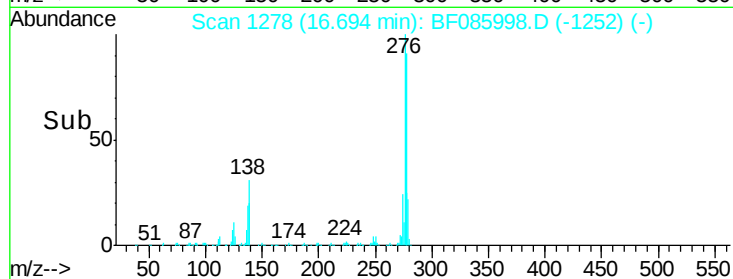
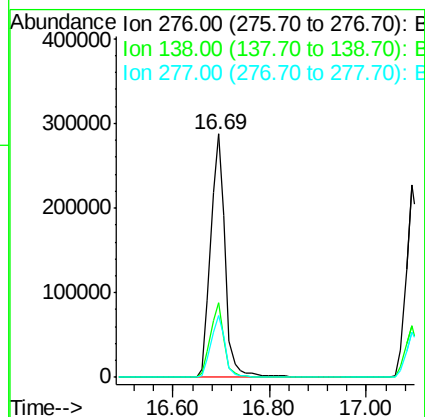
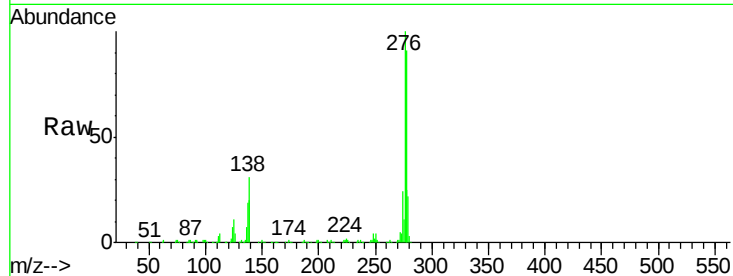




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.24 ng  
 RT: 16.69 min Scan# 1278  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

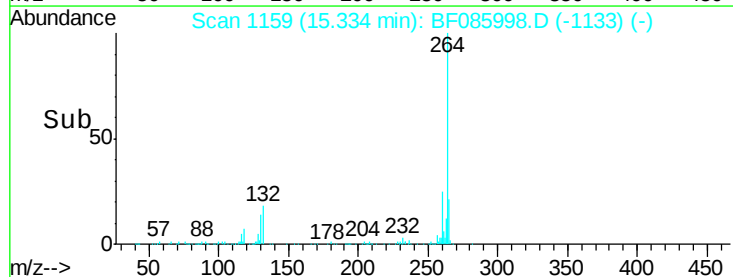
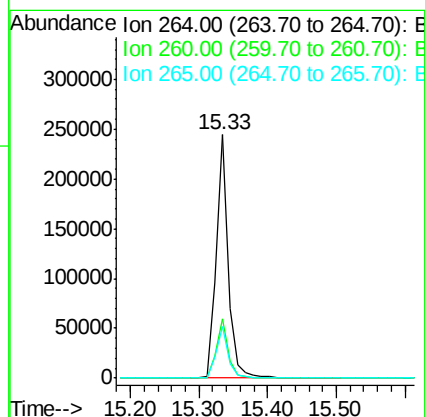
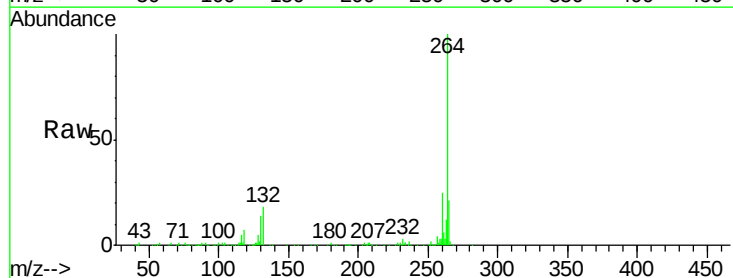
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

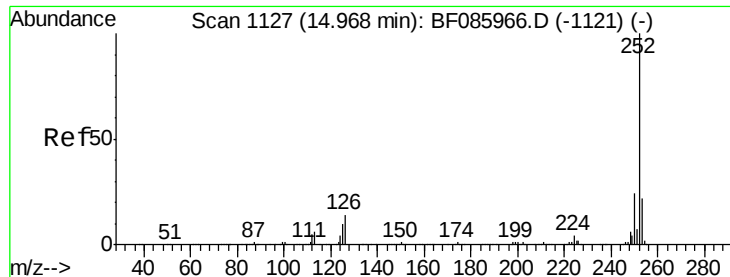
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 612905 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 29.1  | 24.2  | 36.4   |
| 277      | 25.0  | 20.0  | 30.0   |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.33 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BF085998.D  
 Acq: 2 Apr 2016 8:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 301285 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.5  | 19.4  | 29.2   |
| 265      | 21.3  | 17.2  | 25.8   |

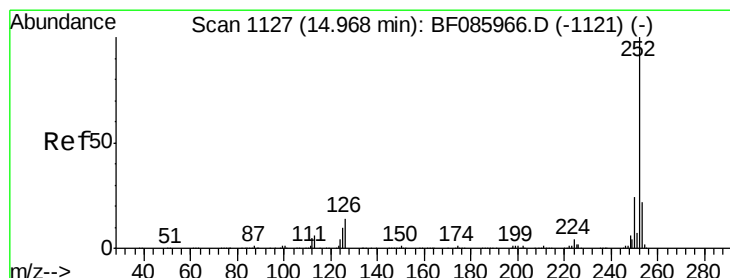
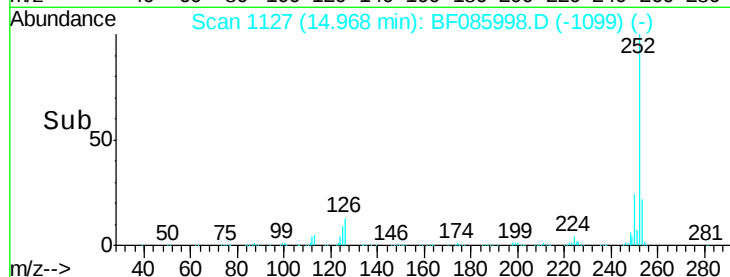
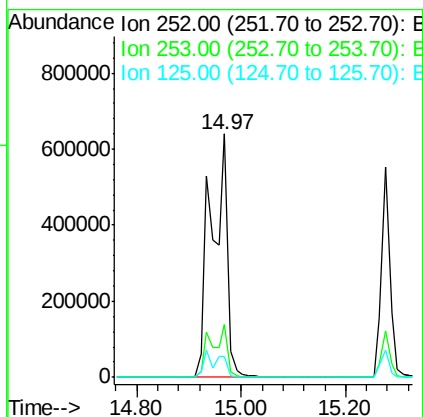
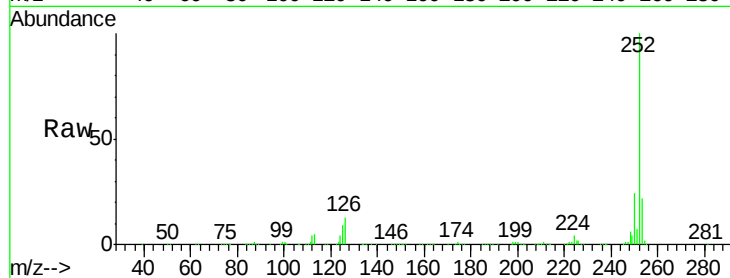




#87  
Benzo(b)fluoranthene  
Concen: 74.43 ng  
RT: 14.97 min Scan# 1127  
Delta R.T. 0.02 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

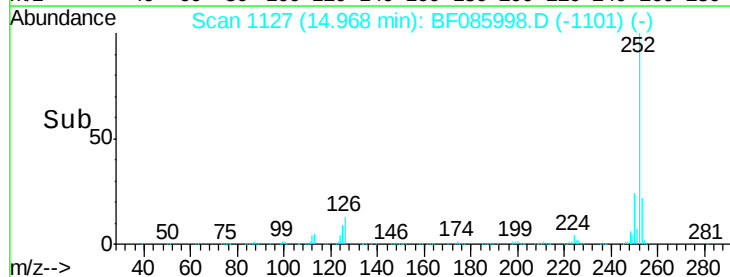
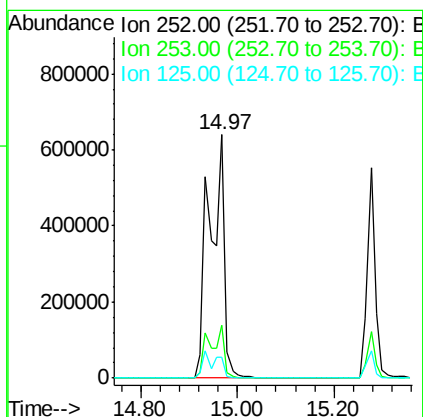
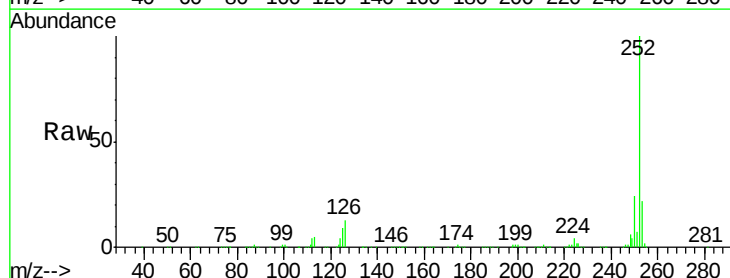
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

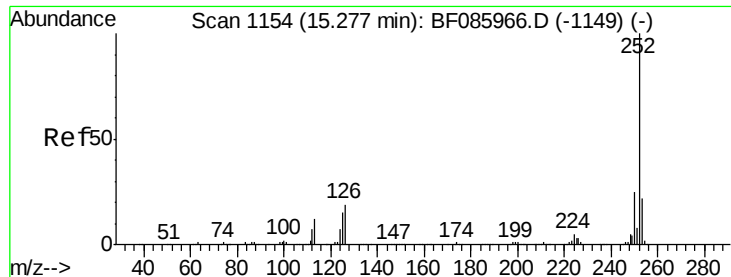
Tgt Ion:252 Resp: 1410633  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 8.5 10.3 15.5#



#88  
Benzo(k)fluoranthene  
Concen: 84.09 ng  
RT: 14.97 min Scan# 1127  
Delta R.T. 0.00 min  
Lab File: BF085998.D  
Acq: 2 Apr 2016 8:48

Tgt Ion:252 Resp: 1411233  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 8.5 7.7 11.5





#89

Benzo(a)pyrene

Concen: 38.03 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

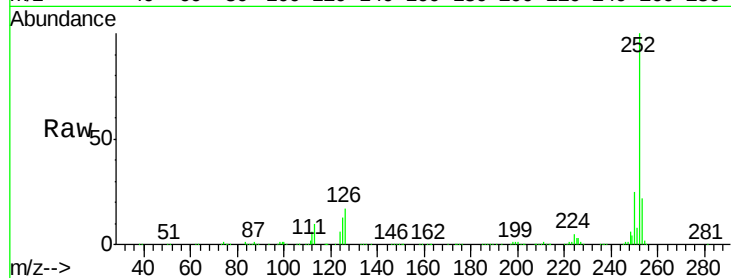
Tgt Ion:252 Resp: 638668

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

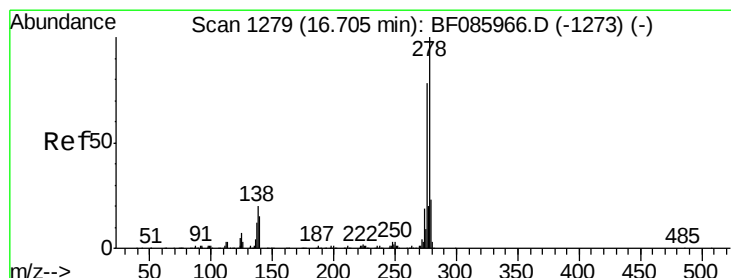
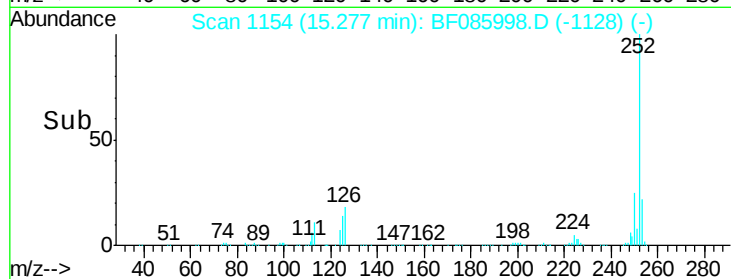
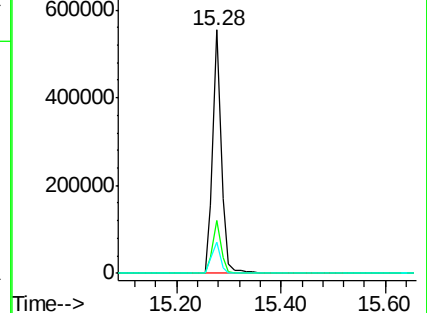
125 13.0 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.43 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

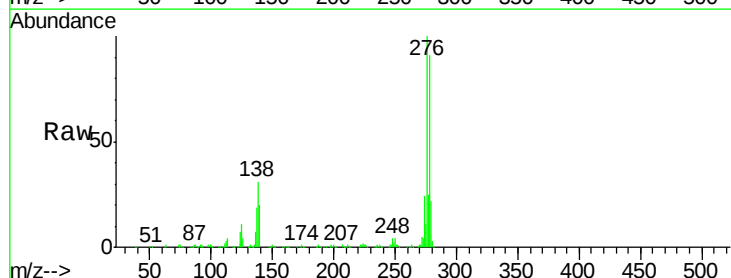
Tgt Ion:278 Resp: 519160

Ion Ratio Lower Upper

278 100

139 21.5 14.4 21.6

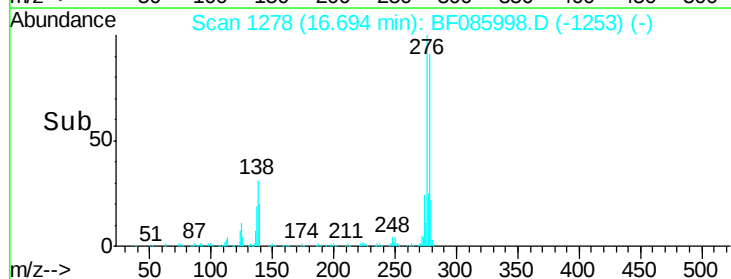
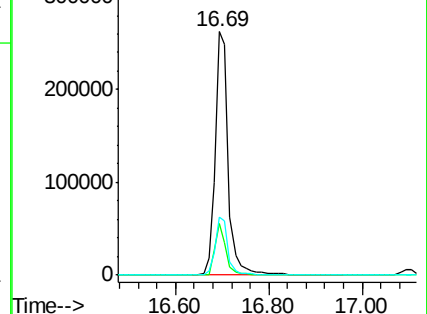
279 23.9 19.1 28.7

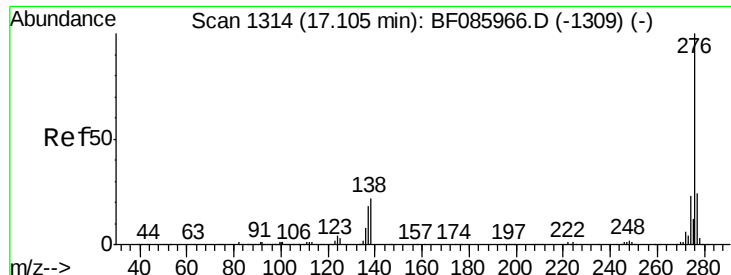


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.23 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF085998.D

Acq: 2 Apr 2016 8:48

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

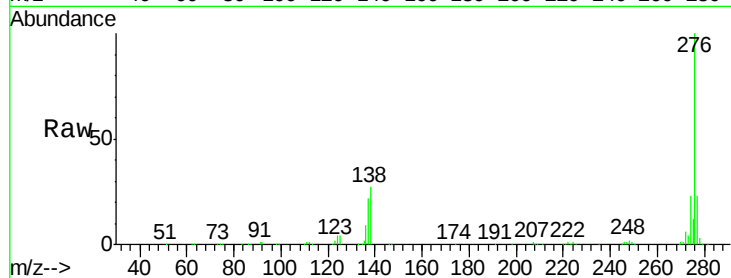
Tgt Ion: 276 Resp: 486780

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 26.7 22.6 34.0



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

