

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\  
 Data File : BF089133.D  
 Acq On : 20 Jul 2016 14:02  
 Operator : UM/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 20 15:36:00 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 15:28:22 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 48987    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 203131   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.63  | 164  | 95269    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.11 | 188  | 192139   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.73 | 240  | 129054   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.07 | 264  | 113673   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.19  | 112 | 319160 | 98.07  | ng | 0.00 |
| 7) Phenol-d6             | 6.27  | 99  | 400038 | 94.79  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.18  | 82  | 376351 | 97.08  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.42 | 330 | 85106  | 97.84  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 8.97  | 172 | 704366 | 111.31 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.69 | 244 | 628508 | 109.33 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.04 | 88  | 64590  | 40.52 | ng | 93     |
| 3) Pyridine                    | 2.67 | 79  | 185483 | 40.62 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.64 | 42  | 78592  | 44.57 | ng | 99     |
| 6) Aniline                     | 6.27 | 93  | 273402 | 45.26 | ng | 94     |
| 8) 2-Chlorophenol              | 6.40 | 128 | 174941 | 49.49 | ng | 97     |
| 9) Benzaldehyde                | 6.15 | 77  | 102847 | 36.91 | ng | 97     |
| 10) Phenol                     | 6.28 | 94  | 232337 | 48.27 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 179568 | 49.50 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.62 | 146 | 190954 | 49.16 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.62 | 146 | 190954 | 49.56 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 191424 | 52.13 | ng | 98     |
| 15) Benzyl Alcohol             | 6.76 | 79  | 152277 | 49.18 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45  | 206480 | 40.94 | ng | 99     |
| 17) 2-Methylphenol             | 6.89 | 107 | 140036 | 49.08 | ng | 99     |
| 18) Hexachloroethane           | 7.11 | 117 | 74391  | 50.31 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70  | 137449 | 47.67 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.05 | 107 | 190866 | 54.06 | ng | 99     |
| 22) Acetophenone               | 7.03 | 105 | 262279 | 52.20 | ng | # 97   |
| 24) Nitrobenzene               | 7.20 | 77  | 210367 | 53.00 | ng | 92     |
| 25) Isophorone                 | 7.44 | 82  | 345693 | 48.11 | ng | 97     |
| 26) 2-Nitrophenol              | 7.51 | 139 | 91846  | 55.77 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.56 | 122 | 149744 | 45.67 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.66 | 93  | 222680 | 47.11 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.76 | 162 | 140053 | 51.15 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 158136 | 52.91 | ng | 99     |
| 31) Naphthalene                | 7.91 | 128 | 507888 | 50.58 | ng | 100    |
| 32) Benzoic acid               | 7.74 | 122 | 126366 | 51.72 | ng | 98     |
| 33) 4-Chloroaniline            | 7.98 | 127 | 240665 | 53.74 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.03 | 225 | 89056  | 55.25 | ng | 99     |
| 35) Caprolactam                | 8.36 | 113 | 46553  | 51.33 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.47 | 107 | 169897 | 52.80 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.60 | 142 | 362882 | 54.64 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 173559 | 54.76 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.75 | 237 | 53586  | 36.28 | ng | 100    |

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 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

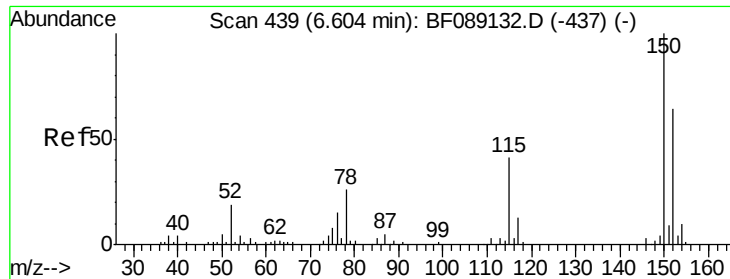
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 20 15:36:00 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 20 15:28:22 2016  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.89  | 196  | 107906   | 51.24  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 8.94  | 196  | 106415   | 58.39  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.07  | 154  | 418346   | 53.28  | nq    | 94       |
| 46) 2-Chloronaphthalene        | 9.08  | 162  | 313182   | 50.79  | nq    | 100      |
| 47) 2-Nitroaniline             | 9.20  | 65   | 117961   | 54.87  | nq    | # 64     |
| 48) Acenaphthylene             | 9.50  | 152  | 492906   | 50.16  | nq    | 100      |
| 49) Dimethylphthalate          | 9.38  | 163  | 388374   | 55.69  | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.44  | 165  | 84603    | 54.43  | nq    | # 77     |
| 51) Acenaphthene               | 9.67  | 154  | 287462   | 47.54  | nq    | 100      |
| 52) 3-Nitroaniline             | 9.61  | 138  | 104737   | 55.11  | nq    | 84       |
| 53) 2,4-Dinitrophenol          | 9.71  | 184  | 38650    | 57.04  | nq    | # 89     |
| 54) Dibenzofuran               | 9.84  | 168  | 392086   | 49.47  | nq    | 99       |
| 55) 4-Nitrophenol              | 9.79  | 139  | 61511    | 43.70  | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 9.84  | 165  | 98878    | 49.40  | nq    | 89       |
| 57) Fluorene                   | 10.18 | 166  | 348867   | 55.19  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.96  | 232  | 69379    | 49.60  | nq    | 95       |
| 59) Diethylphthalate           | 10.07 | 149  | 366978   | 53.74  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.18 | 204  | 167243   | 57.80  | nq    | 95       |
| 61) 4-Nitroaniline             | 10.23 | 138  | 106275   | 57.01  | nq    | 95       |
| 62) Azobenzene                 | 10.34 | 77   | 389396   | 50.25  | nq    | 82       |
| 64) 4,6-Dinitro-2-methylphenol | 10.25 | 198  | 59888    | 57.82  | nq    | # 71     |
| 65) n-Nitrosodiphenylamine     | 10.31 | 169  | 329215   | 51.51  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.66 | 248  | 92062    | 47.59  | nq    | 96       |
| 67) Hexachlorobenzene          | 10.73 | 284  | 105120   | 49.81  | nq    | # 95     |
| 68) Atrazine                   | 10.83 | 200  | 88697    | 44.15  | nq    | 99       |
| 69) Pentachlorophenol          | 10.92 | 266  | 49663    | 40.81  | nq    | 98       |
| 70) Phenanthrene               | 11.13 | 178  | 480290   | 45.88  | nq    | 100      |
| 71) Anthracene                 | 11.19 | 178  | 574501   | 54.62  | nq    | 100      |
| 72) Carbazole                  | 11.35 | 167  | 491819   | 49.18  | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.68 | 149  | 558244   | 48.85  | nq    | 100      |
| 74) Fluoranthene               | 12.31 | 202  | 513278   | 48.96  | nq    | 100      |
| 76) Benzidine                  | 12.45 | 184  | 228328   | 36.85  | nq    | 99       |
| 77) Pyrene                     | 12.54 | 202  | 543516   | 50.14  | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.17 | 149  | 226908   | 46.95  | nq    | 97       |
| 80) Benzo(a)anthracene         | 13.71 | 228  | 422136   | 51.11  | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.69 | 252  | 141314   | 45.21  | nq    | 97       |
| 82) Chrysene                   | 13.76 | 228  | 446064   | 54.24  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.73 | 149  | 304208   | 54.82  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.34 | 149  | 515381   | 54.69  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.31 | 276  | 294178   | 46.89  | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 14.74 | 252  | 709689   | 94.74  | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 14.74 | 252  | 709689   | 118.79 | nq    | # 98     |
| 89) Benzo(a)pyrene             | 15.02 | 252  | 317356   | 52.47  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.32 | 278  | 254023   | 50.42  | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 16.67 | 276  | 253797   | 48.91  | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampled :

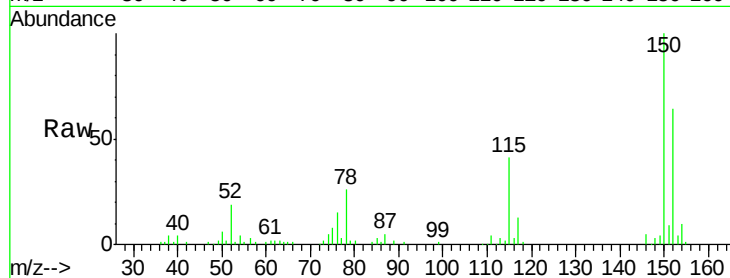
Tot Ion:152 Resp: 48987

Ion Ratio Lower Upper

152 100

150 157.0 125.1 187.7

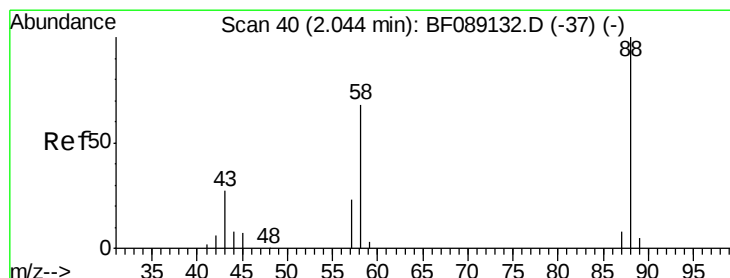
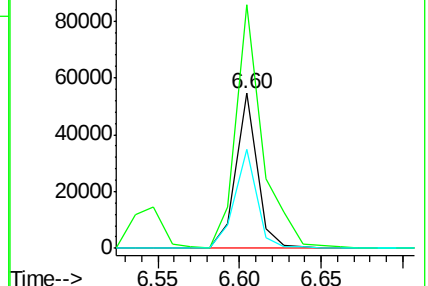
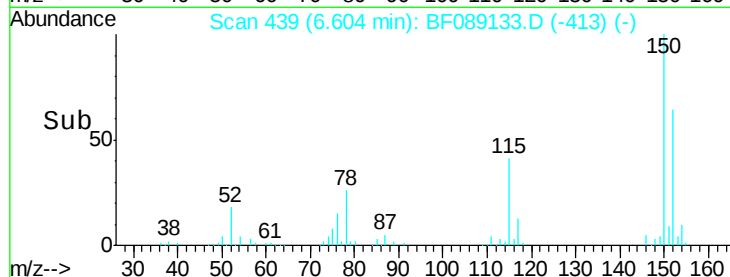
115 64.1 51.1 76.7



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: 40.52 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

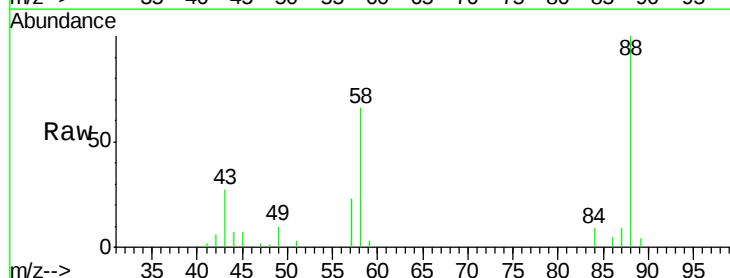
Tgt Ion: 88 Resp: 64590

Ion Ratio Lower Upper

88 100

58 67.6 49.2 73.8

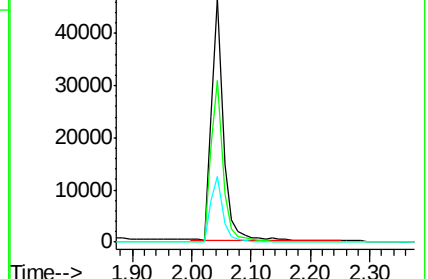
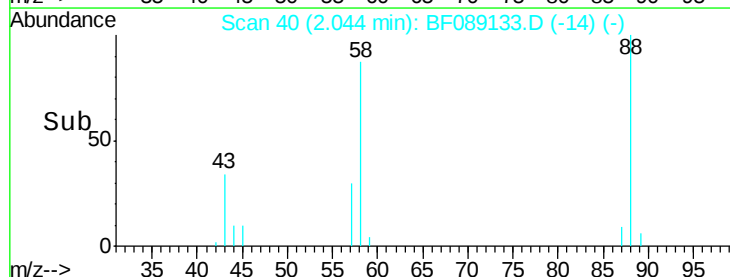
43 27.6 20.6 30.8

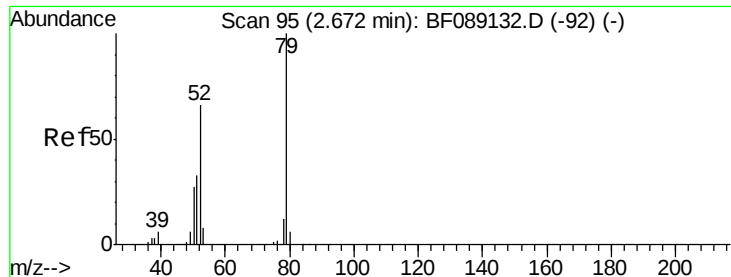


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

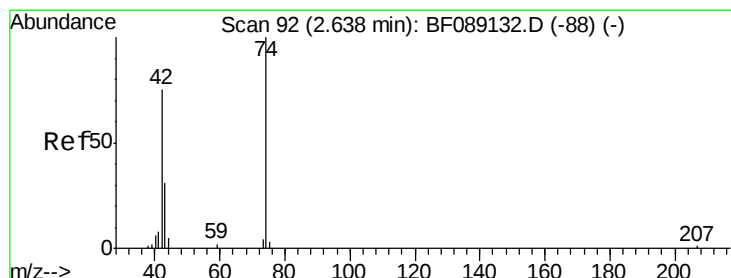
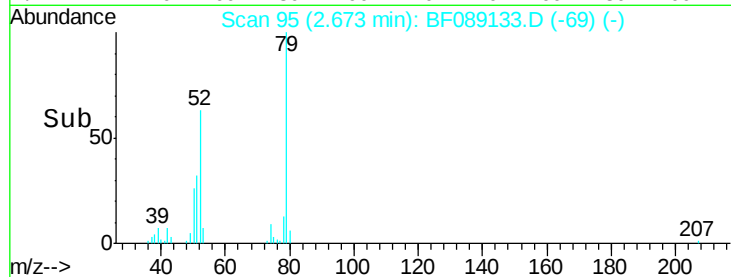
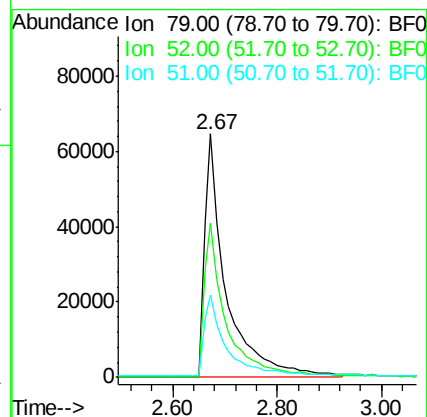
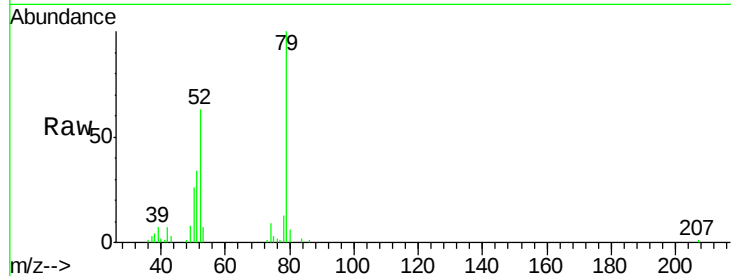




#3  
 Pvridine  
 Concen: 40.62 ng  
 RT: 2.67 min Scan# 95  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

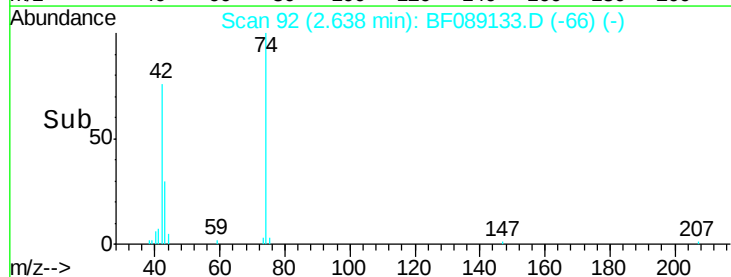
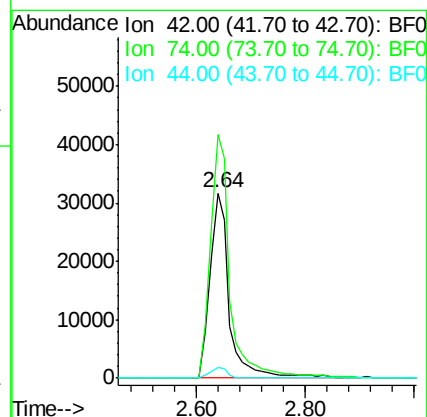
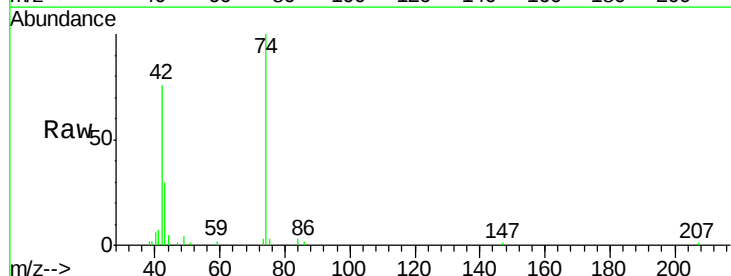
Instrument :  
 BNA\_F  
 ClientSampled :

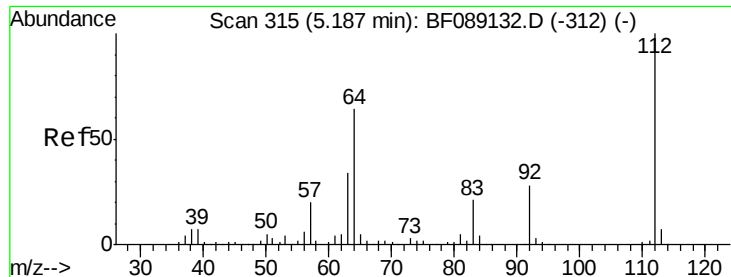
Tot Ion: 79 Resp: 185483  
 Ion Ratio Lower Upper  
 79 100  
 52 63.1 52.9 79.3  
 51 33.7 27.0 40.6



#4  
 n-Nitrosodimethylamine  
 Concen: 44.57 ng  
 RT: 2.64 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion: 42 Resp: 78592  
 Ion Ratio Lower Upper  
 42 100  
 74 131.7 106.4 159.6  
 44 6.1 5.2 7.8





#5

2-Fluorophenol

Concen: 98.07 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampled :

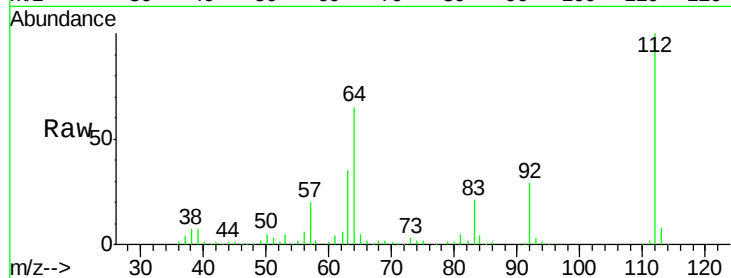
Tot Ion: 112 Resp: 319160

Ion Ratio Lower Upper

112 100

64 65.3 51.0 76.4

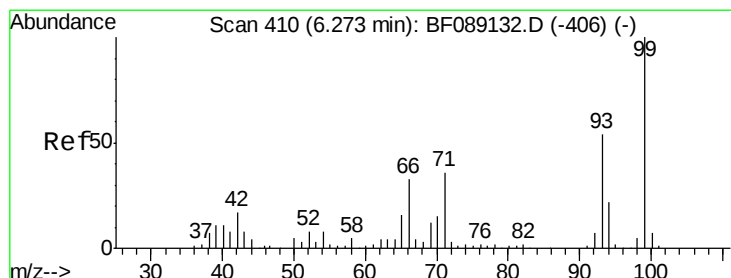
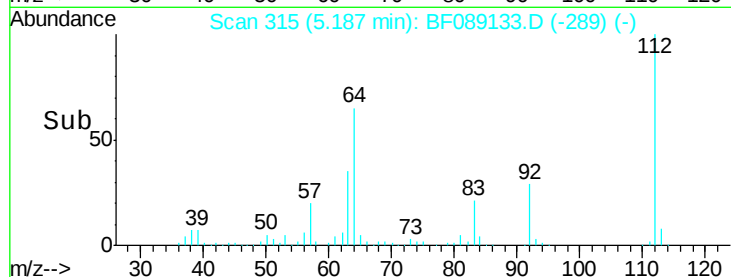
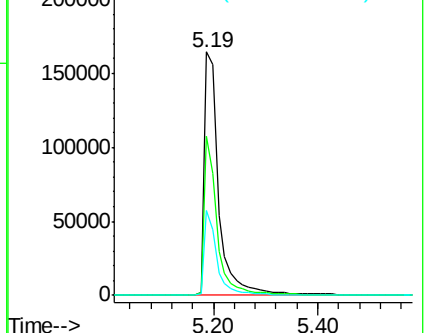
63 35.0 27.3 40.9



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: 45.26 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

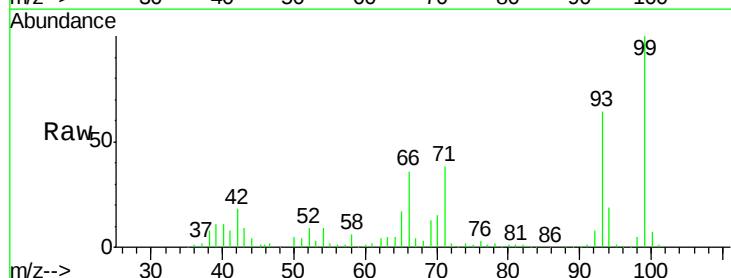
Tgt Ion: 93 Resp: 273402

Ion Ratio Lower Upper

93 100

66 56.1 48.9 73.3

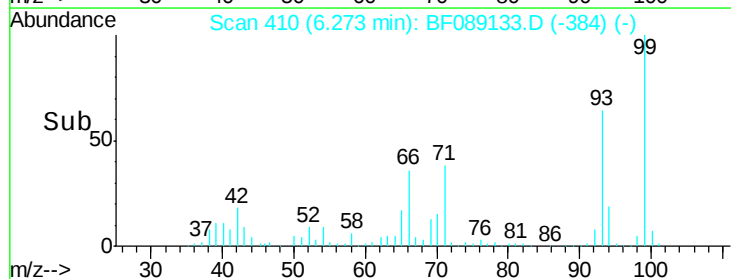
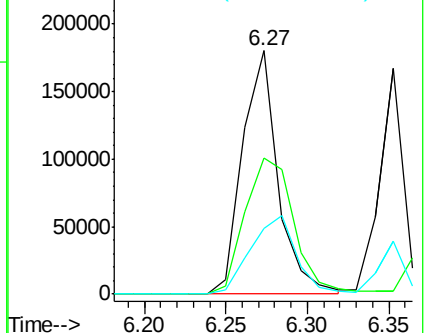
65 27.2 23.9 35.9

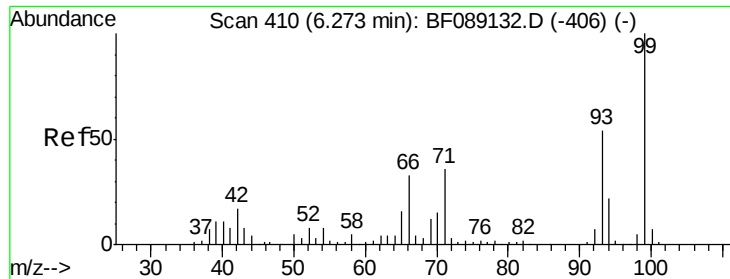


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.79 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

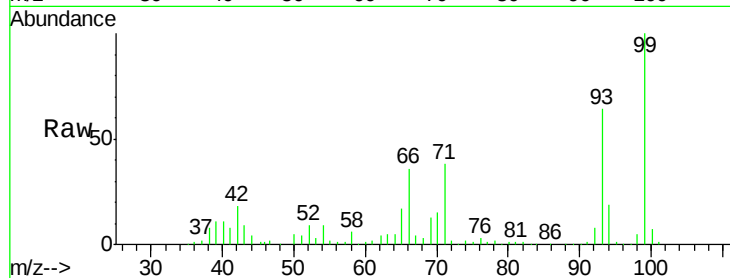
Tot Ion: 99 Resp: 400038

Ion Ratio Lower Upper

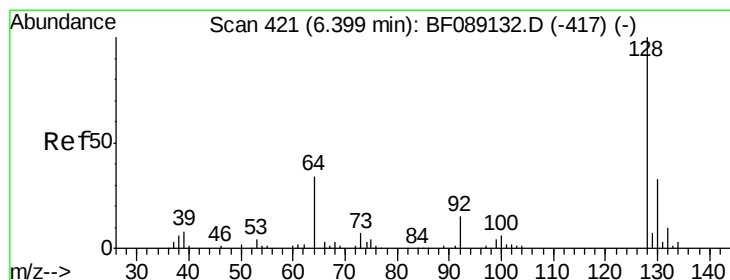
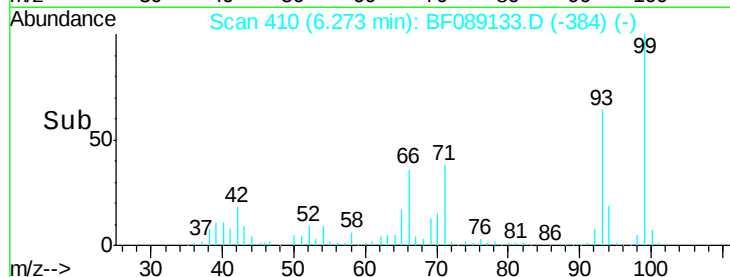
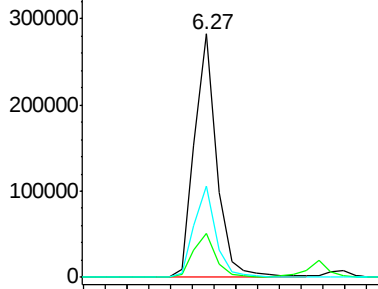
99 100

42 18.3 13.5 20.3

71 37.7 28.9 43.3



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: 49.49 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

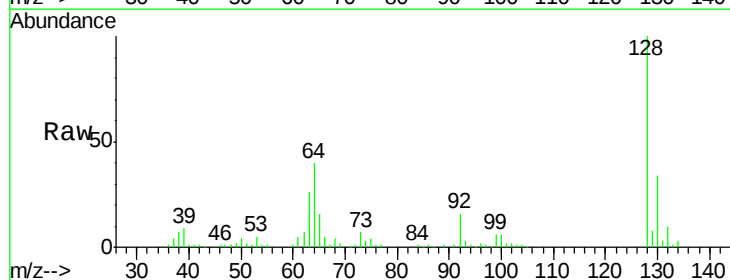
Tgt Ion: 128 Resp: 174941

Ion Ratio Lower Upper

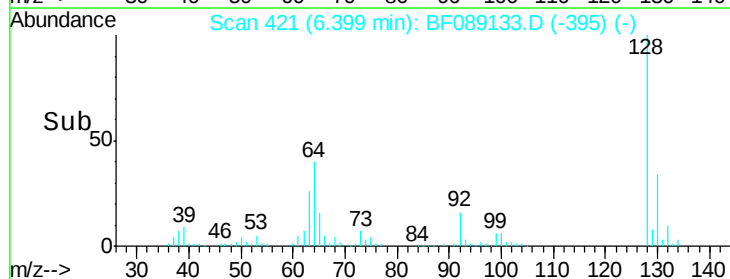
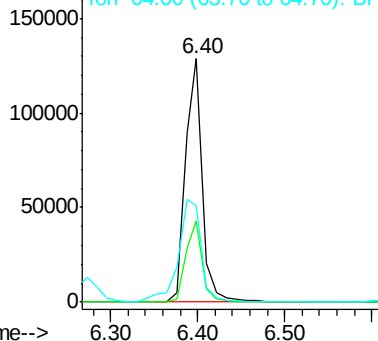
128 100

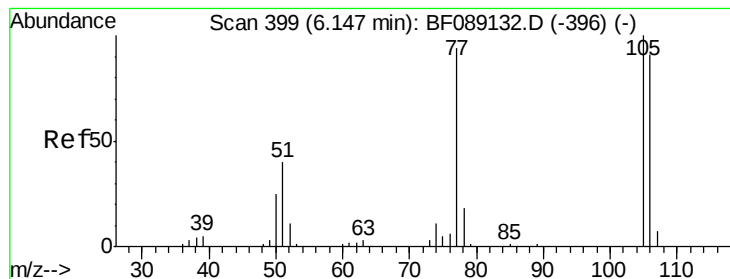
130 33.5 12.6 52.6

64 39.5 17.5 57.5



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: 36.91 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampled :

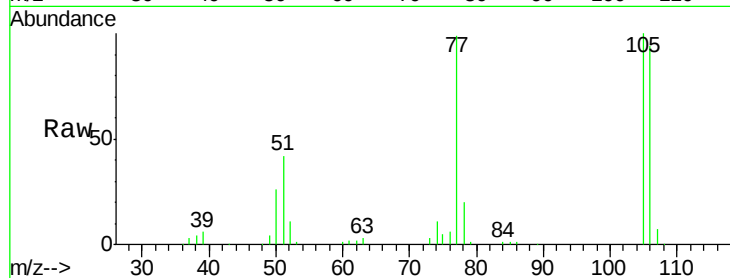
Tot Ion: 77 Resp: 102847

Ion Ratio Lower Upper

77 100

105 101.0 86.2 126.2

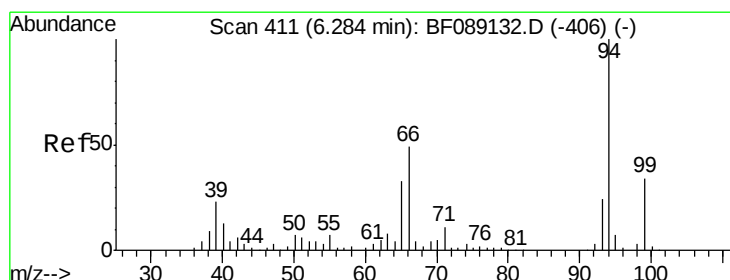
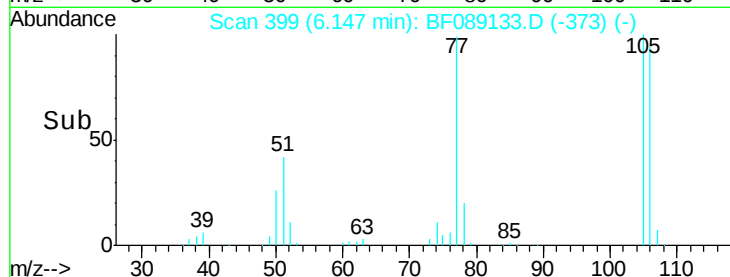
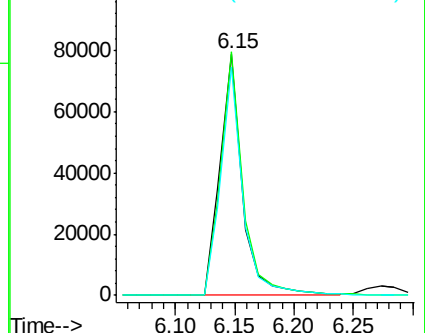
106 94.6 76.3 116.3



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: 48.27 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

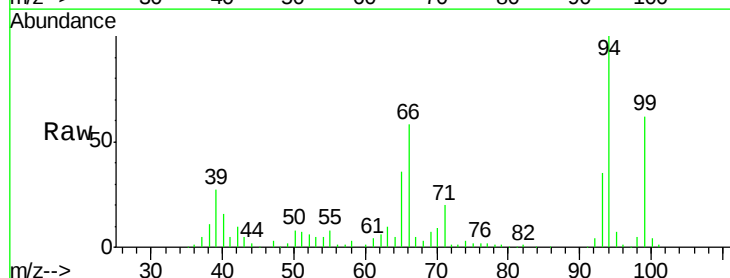
Tgt Ion: 94 Resp: 232337

Ion Ratio Lower Upper

94 100

65 36.4 13.3 53.3

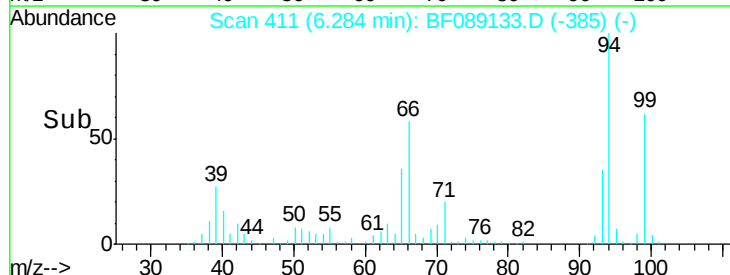
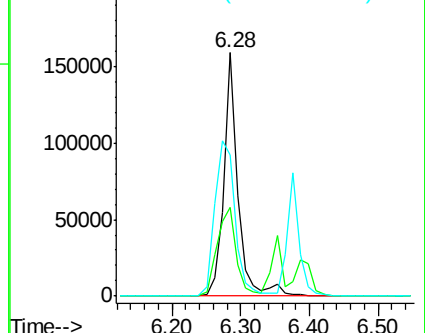
66 58.1 29.3 69.3

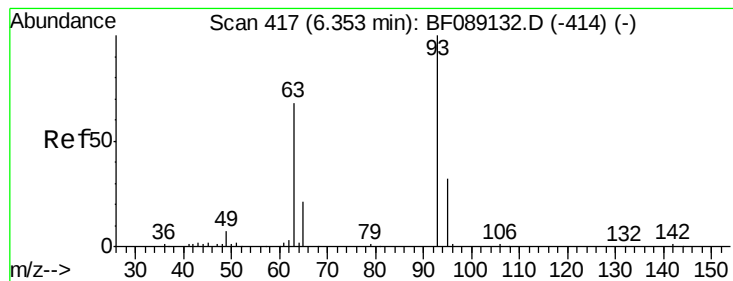


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

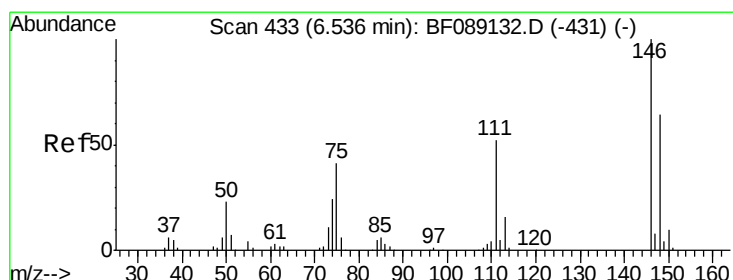
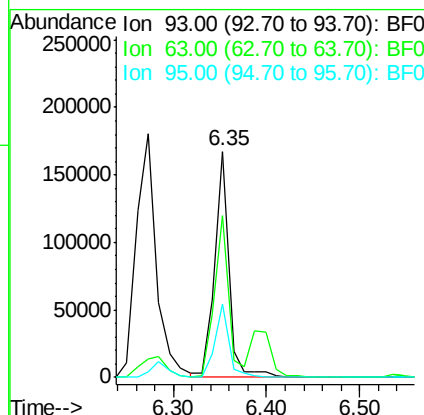
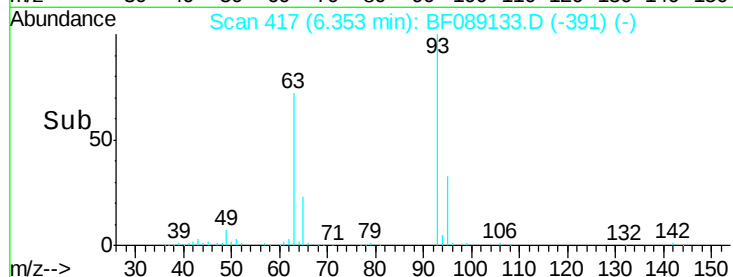
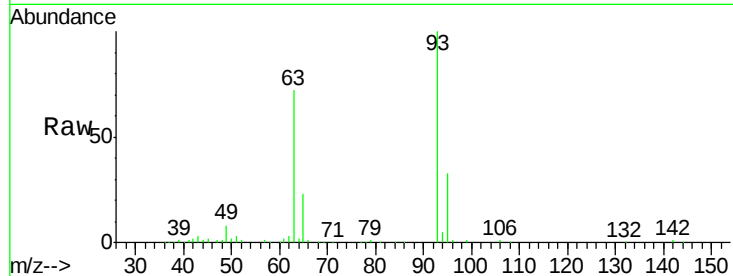




#11  
bis(2-Chloroethyl)ether  
Concen: 49.50 ng  
RT: 6.35 min Scan# 417  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

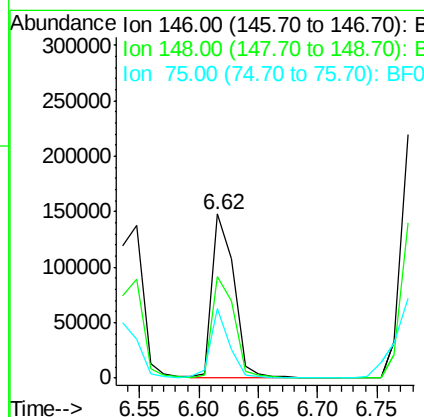
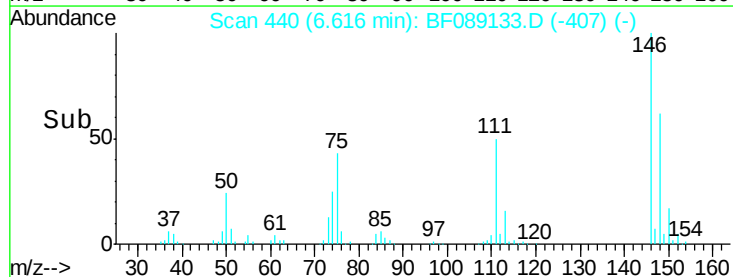
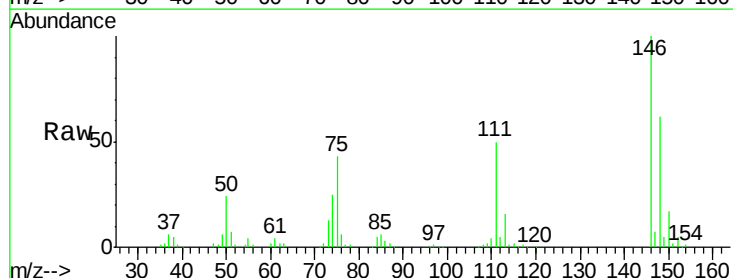
Instrument :  
BNA\_F  
ClientSampleId :

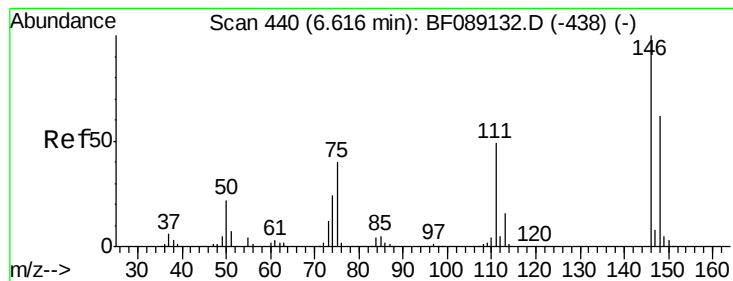
Tot Ion: 93 Resp: 179568  
Ion Ratio Lower Upper  
93 100  
63 71.7 47.3 87.3  
95 32.7 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 49.16 ng  
RT: 6.62 min Scan# 440  
Delta R.T. 0.08 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion: 146 Resp: 190954  
Ion Ratio Lower Upper  
146 100  
148 61.8 51.0 76.6  
75 42.5 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 49.56 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

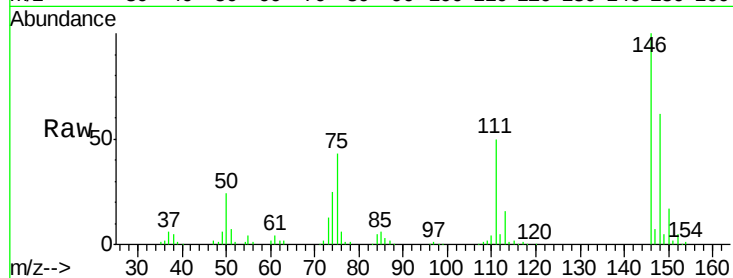
Tot Ion:146 Resp: 190954

Ion Ratio Lower Upper

146 100

148 61.8 49.9 74.9

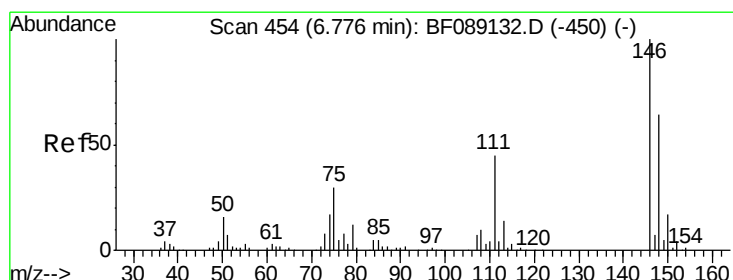
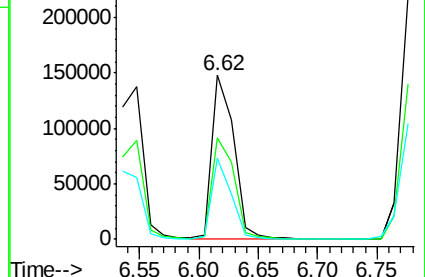
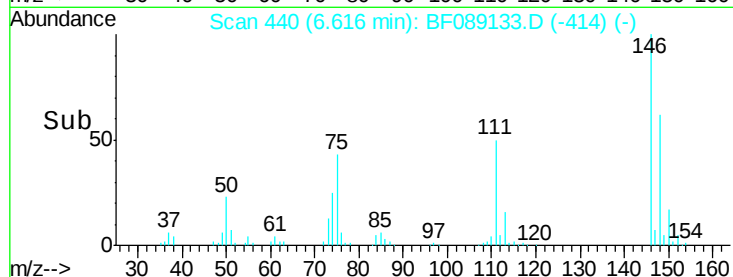
111 49.7 39.8 59.6



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: 52.13 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

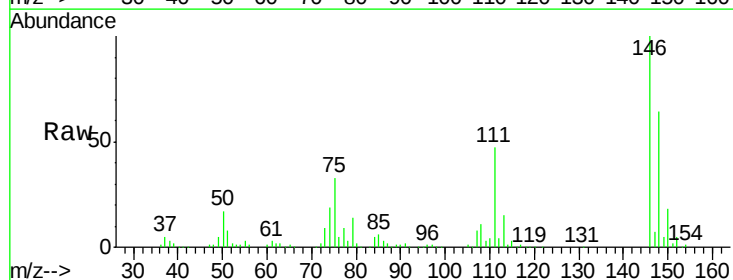
Tgt Ion:146 Resp: 191424

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

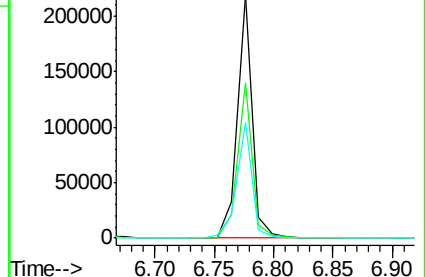
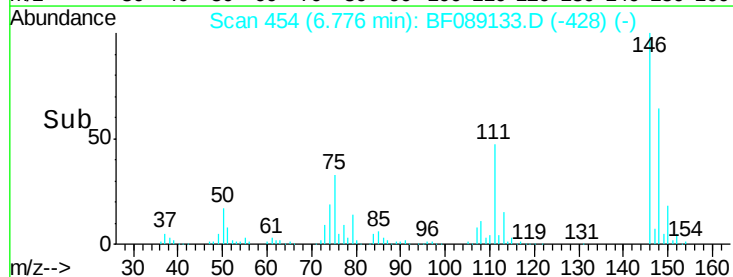
111 47.3 35.9 53.9

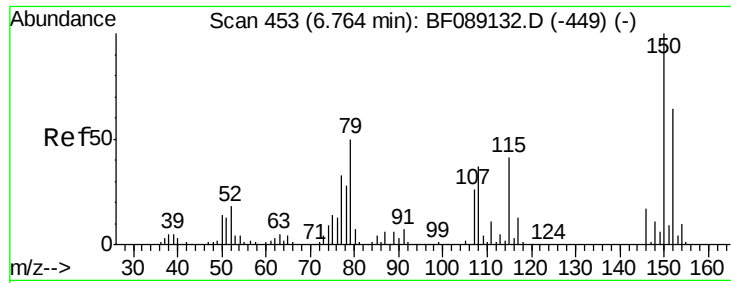


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

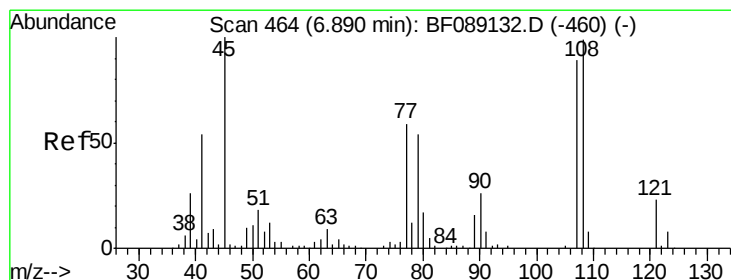
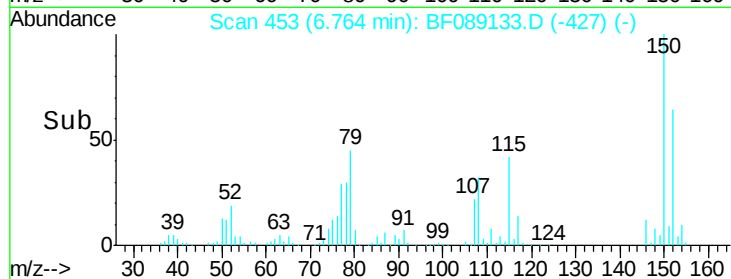
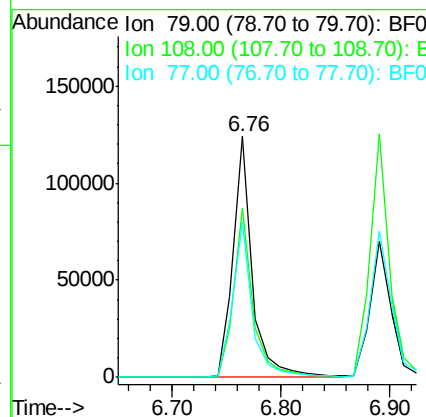
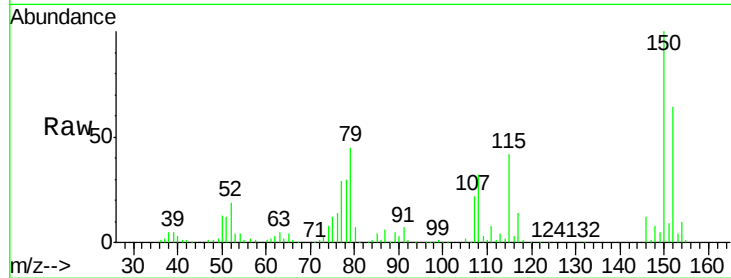




#15  
Benzyl Alcohol  
Concen: 49.18 ng  
RT: 6.76 min Scan# 453  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

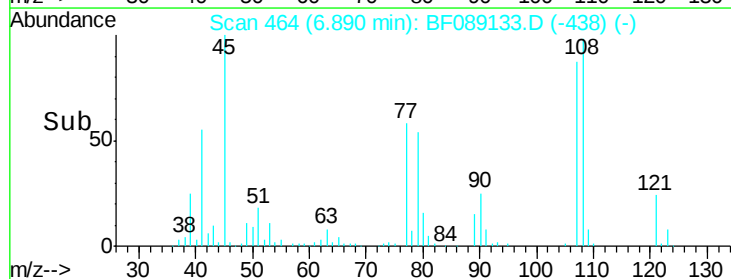
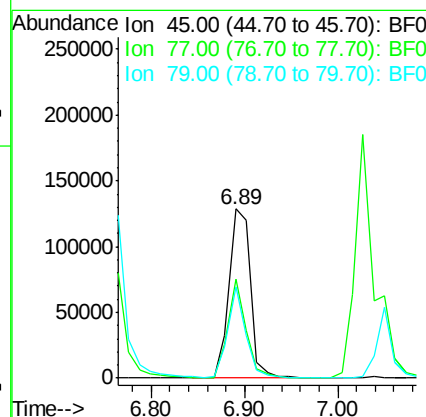
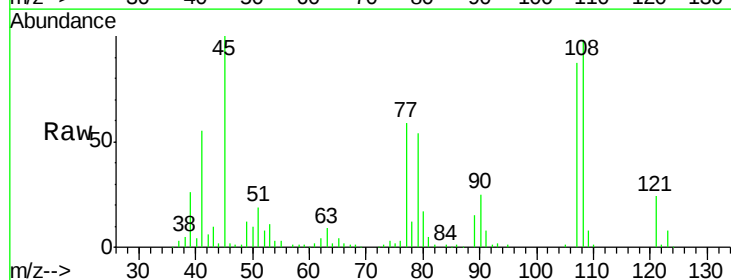
Instrument :  
BNA\_F  
ClientSampleId :

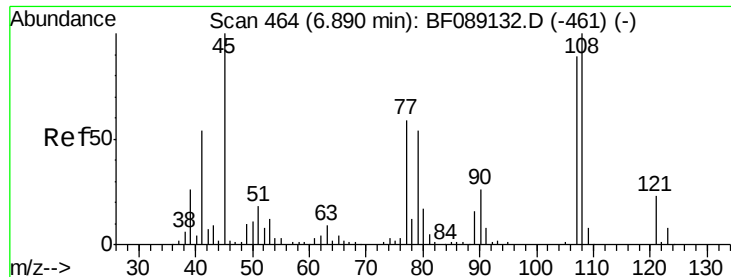
Tot Ion: 79 Resp: 152277  
Ion Ratio Lower Upper  
79 100  
108 70.1 58.2 87.4  
77 64.4 52.2 78.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.94 ng  
RT: 6.89 min Scan# 464  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion: 45 Resp: 206480  
Ion Ratio Lower Upper  
45 100  
77 58.7 39.7 79.7  
79 54.3 34.7 74.7

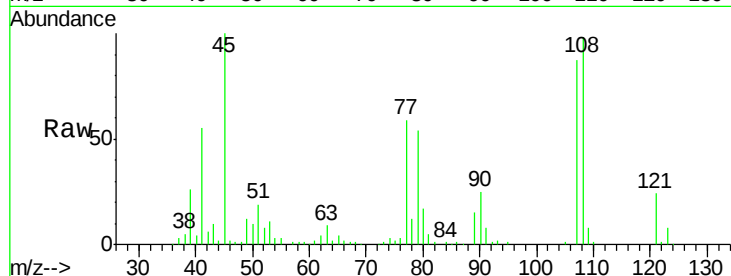




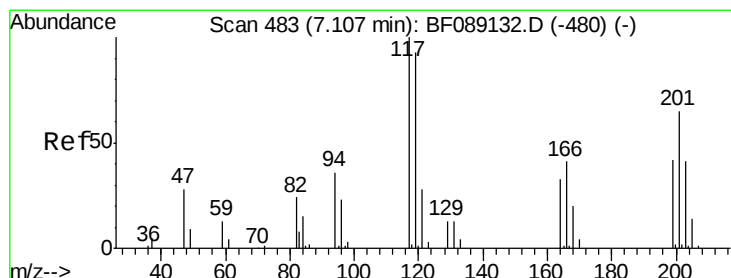
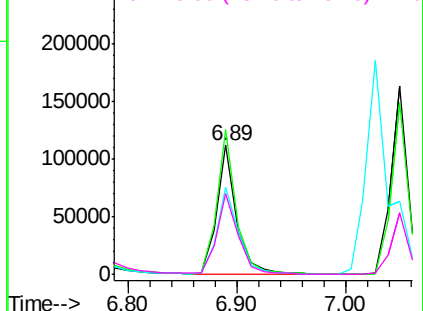
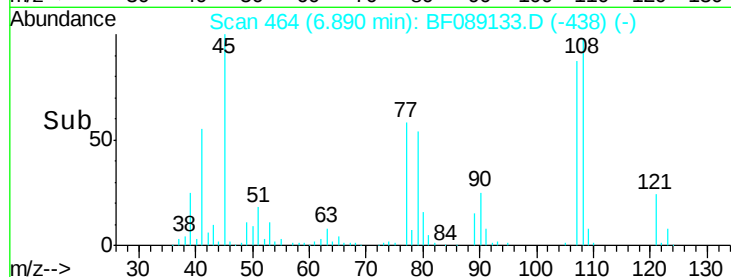
#17  
2-Methylphenol  
Concen: 49.08 ng  
RT: 6.89 min Scan# 464  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 140036  
Ion Ratio Lower Upper  
107 100  
108 112.1 89.4 134.2  
77 67.5 53.4 80.0  
79 62.5 49.0 73.4

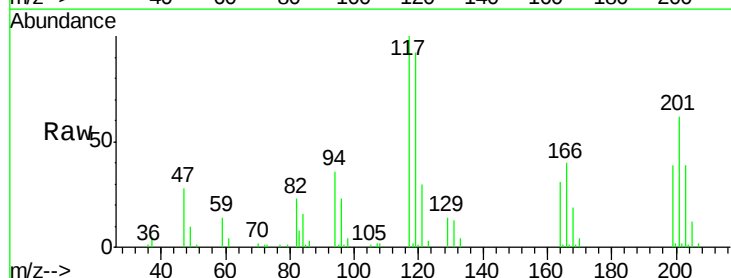


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

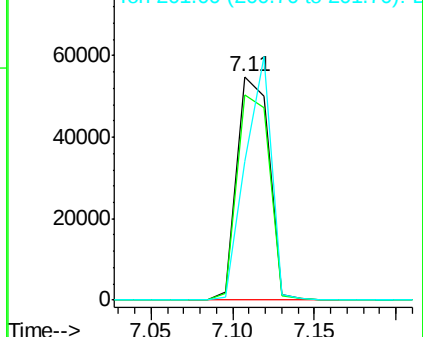
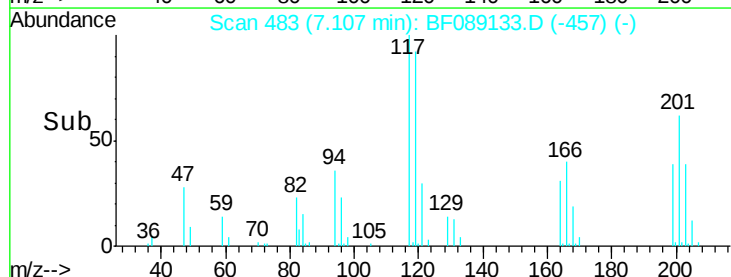


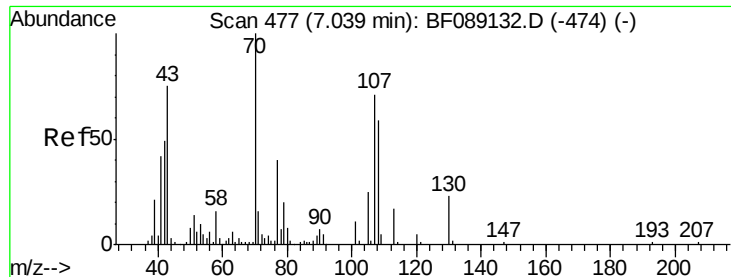
#18  
Hexachloroethane  
Concen: 50.31 ng  
RT: 7.11 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion:117 Resp: 74391  
Ion Ratio Lower Upper  
117 100  
119 91.9 74.5 111.7  
201 62.1 51.8 77.6



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

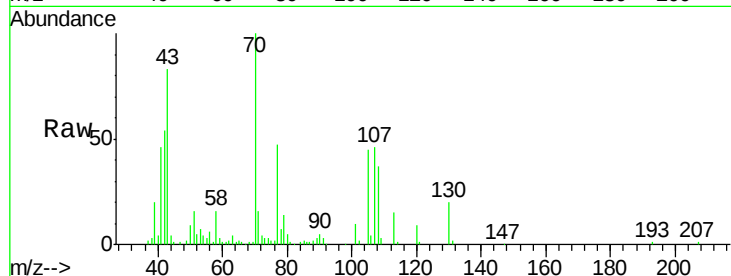




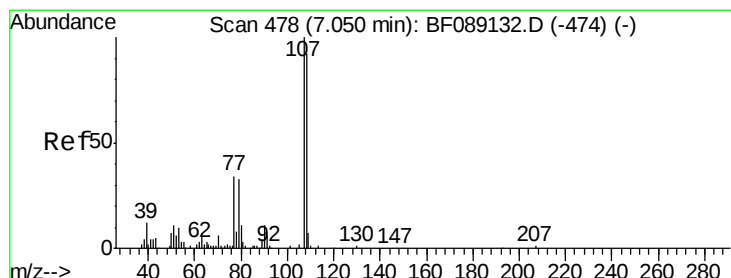
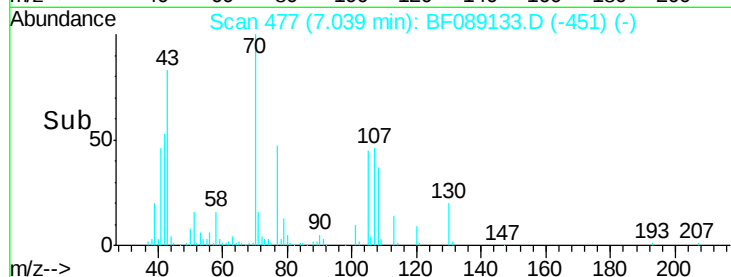
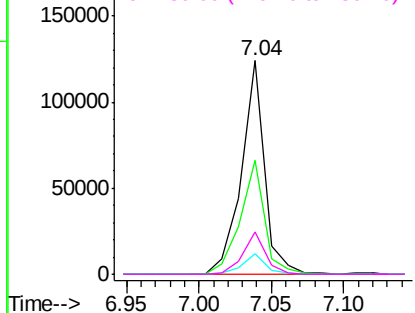
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.67 ng  
RT: 7.04 min Scan# 477  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 70 Resp: 137449  
Ion Ratio Lower Upper  
70 100  
42 53.6 39.2 58.8  
101 9.6 8.5 12.7  
130 19.8 18.4 27.6

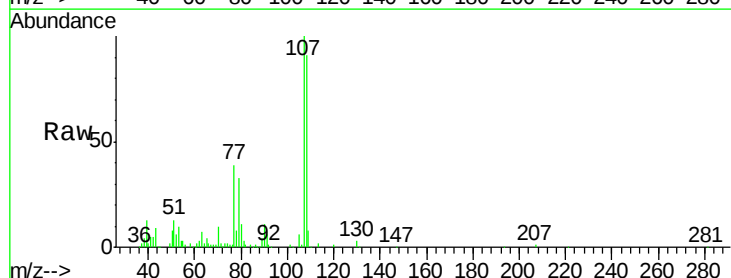


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

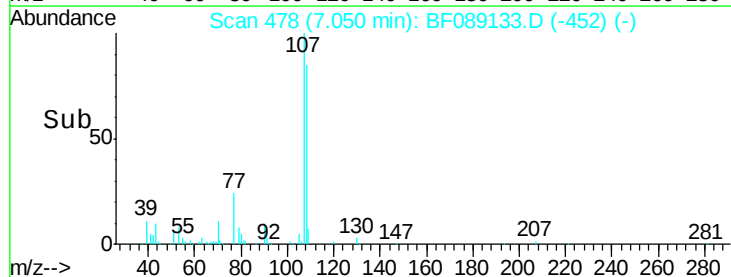
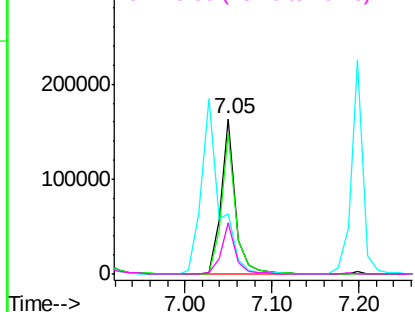


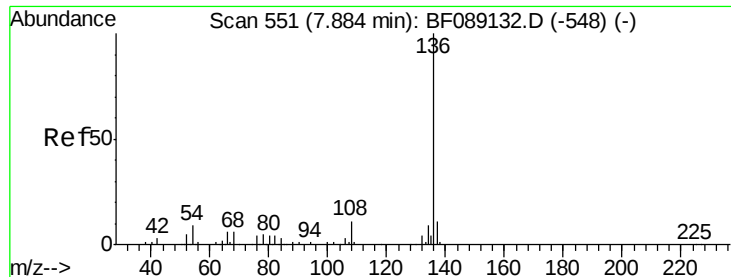
#20  
3+4-Methylphenols  
Concen: 54.06 ng  
RT: 7.05 min Scan# 478  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion:107 Resp: 190866  
Ion Ratio Lower Upper  
107 100  
108 90.8 72.5 112.5  
77 38.6 17.7 57.7  
79 32.8 12.9 52.9



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

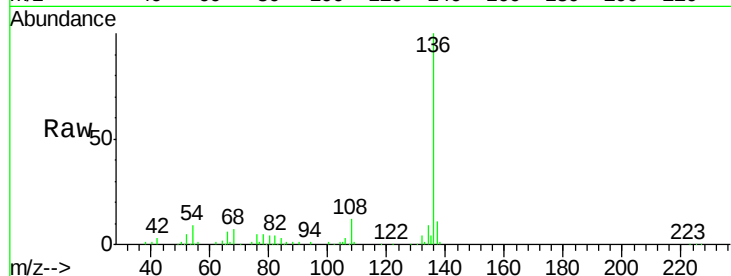




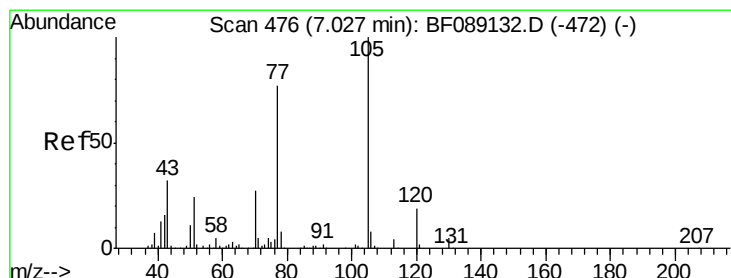
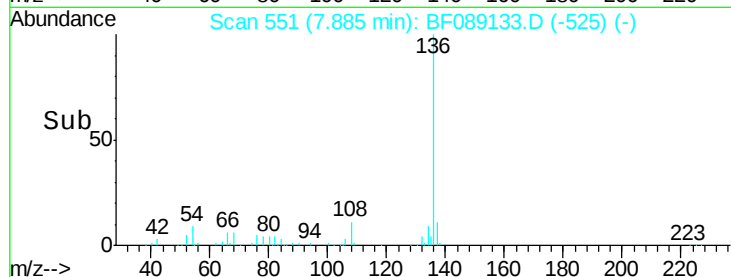
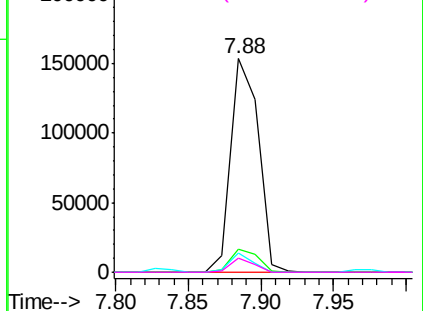
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.88 min Scan# 551  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 203131   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.8 13.2 |
| 54          | 9.1   | 7.0 10.4 |
| 68          | 6.5   | 5.0 7.6  |

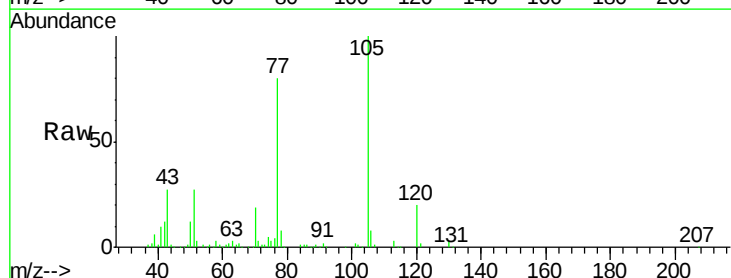


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

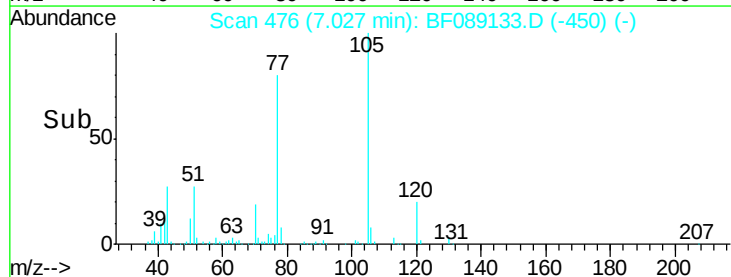
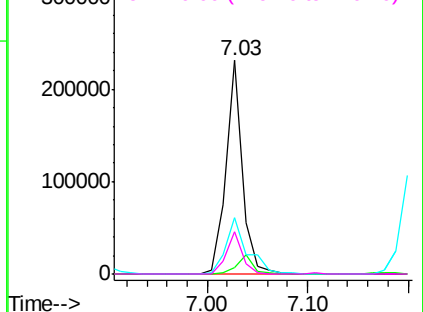


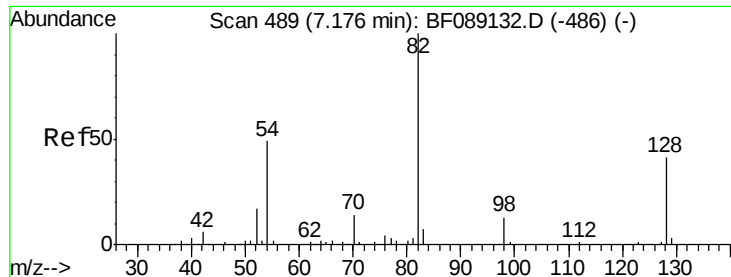
#22  
Acetophenone  
Concen: 52.20 ng  
RT: 7.03 min Scan# 476  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 262279    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 3.3   | 3.8 5.6#  |
| 51          | 26.6  | 19.6 29.4 |
| 120         | 19.6  | 15.5 23.3 |



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

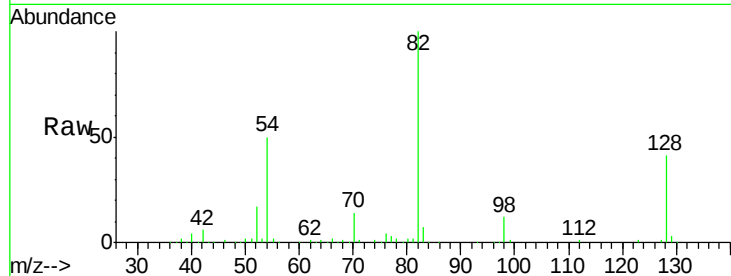




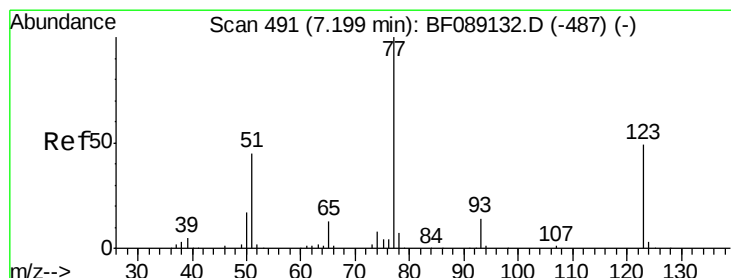
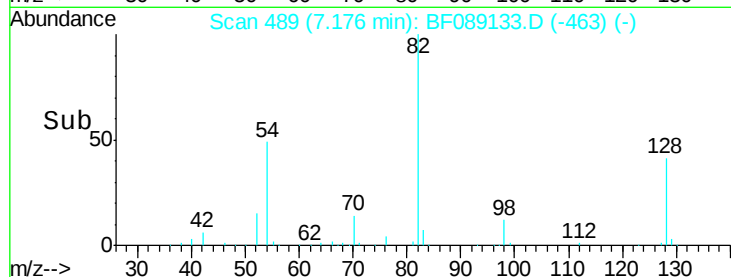
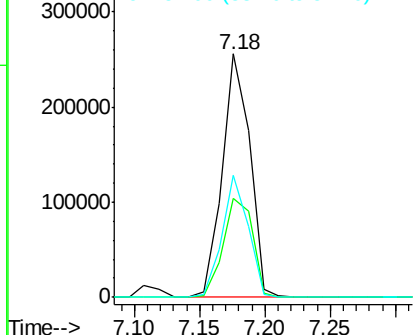
#23  
Nitrobenzene-d5  
Concen: 97.08 ng  
RT: 7.18 min Scan# 489  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 376351  
Ion Ratio Lower Upper  
82 100  
128 40.9 33.0 49.6  
54 50.0 39.0 58.4

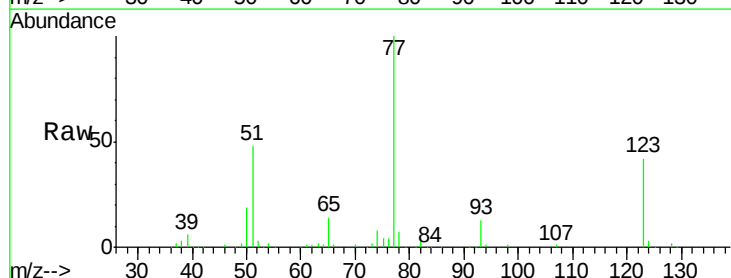


Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0

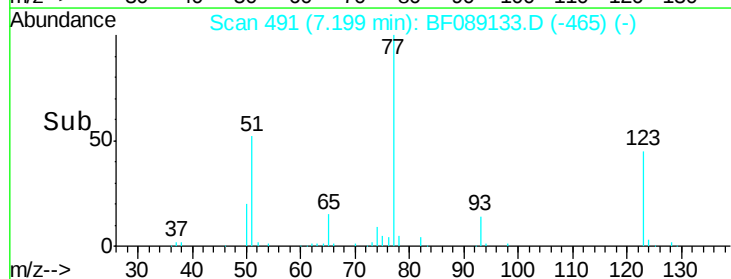
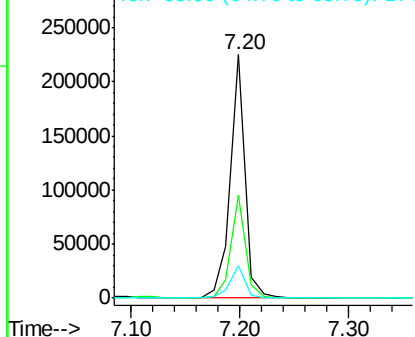


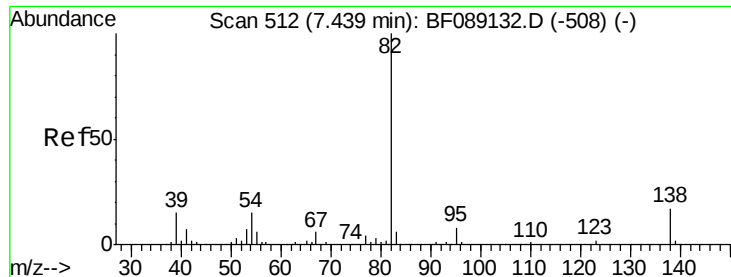
#24  
Nitrobenzene  
Concen: 53.00 ng  
RT: 7.20 min Scan# 491  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion: 77 Resp: 210367  
Ion Ratio Lower Upper  
77 100  
123 42.1 38.9 58.3  
65 13.5 10.6 15.8



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: 48.11 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

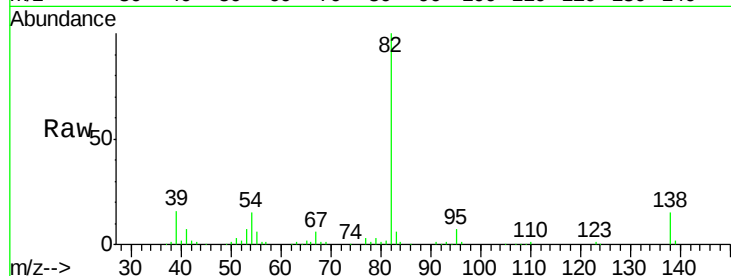
Tot Ion: 82 Resp: 345693

Ion Ratio Lower Upper

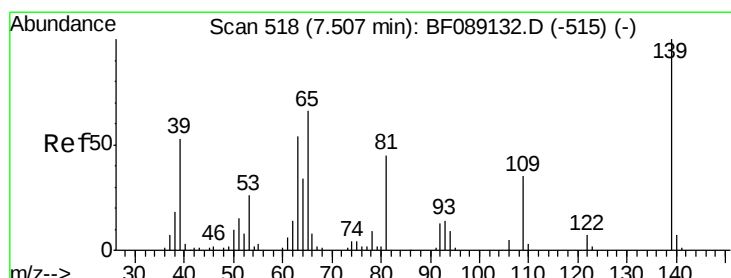
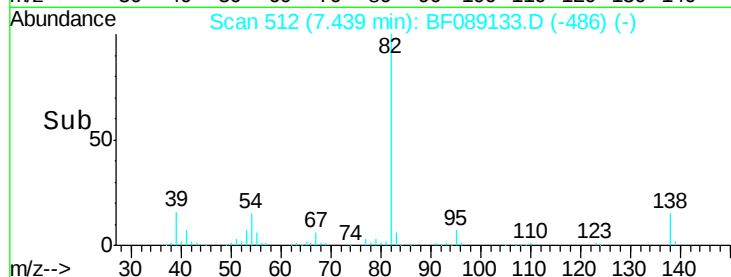
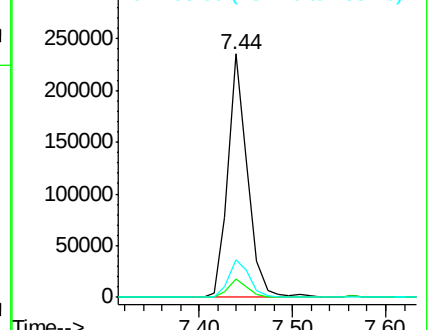
82 100

95 7.4 6.1 9.1

138 15.5 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 55.77 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

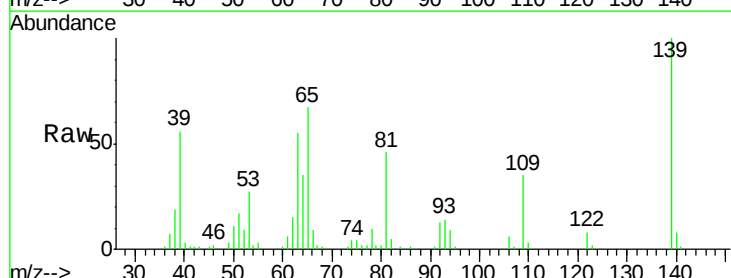
Tgt Ion: 139 Resp: 91846

Ion Ratio Lower Upper

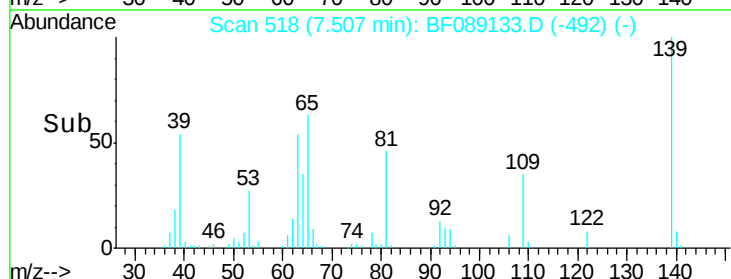
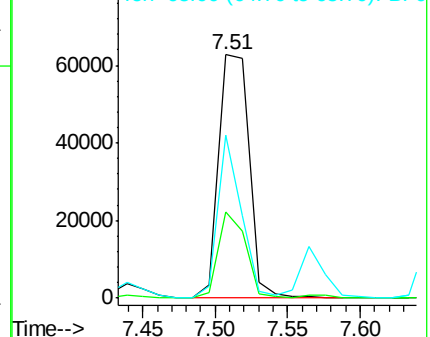
139 100

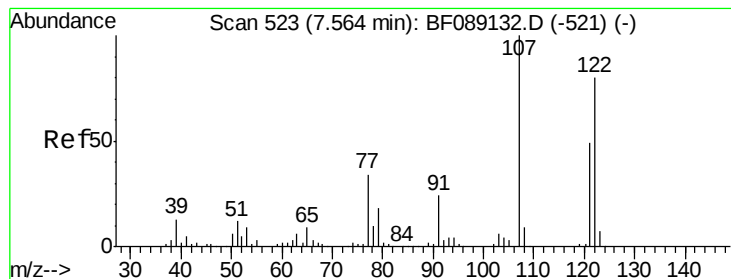
109 35.2 28.1 42.1

65 67.0 52.7 79.1



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

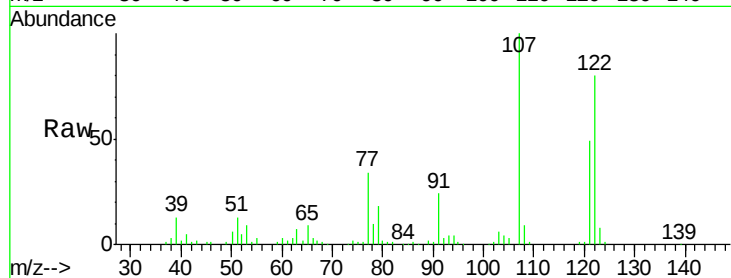




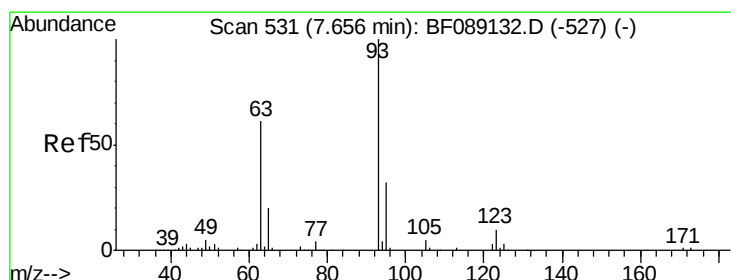
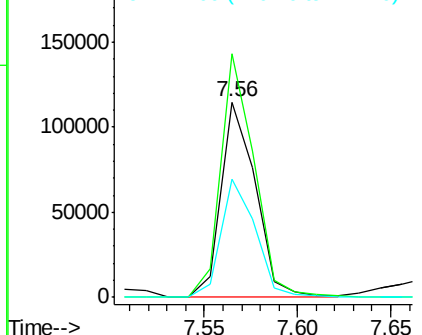
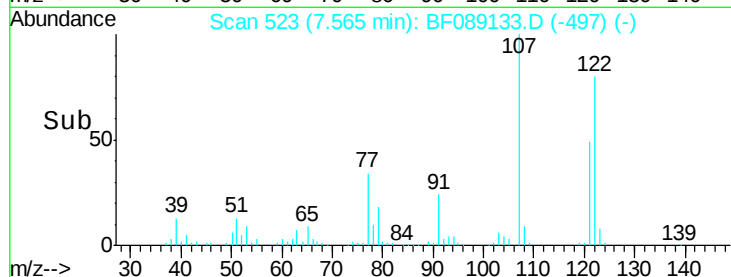
#27  
 2,4-Dimethylphenol  
 Concen: 45.67 ng  
 RT: 7.56 min Scan# 523  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:122 Resp: 149744  
 Ion Ratio Lower Upper  
 122 100  
 107 124.7 99.7 149.5  
 121 60.8 48.5 72.7

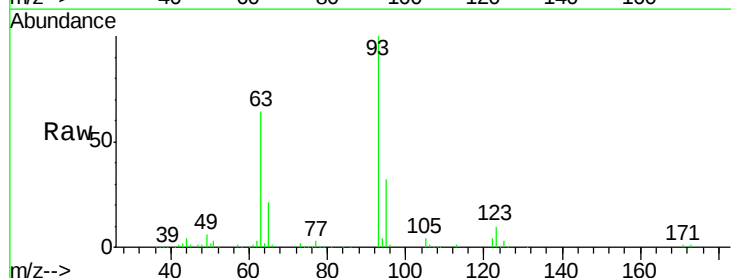


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

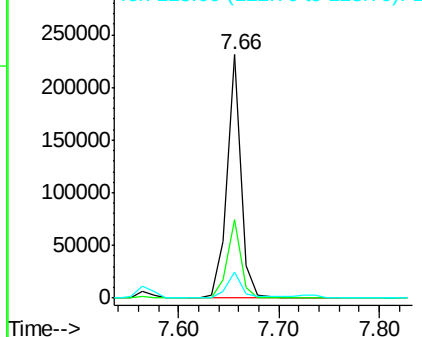
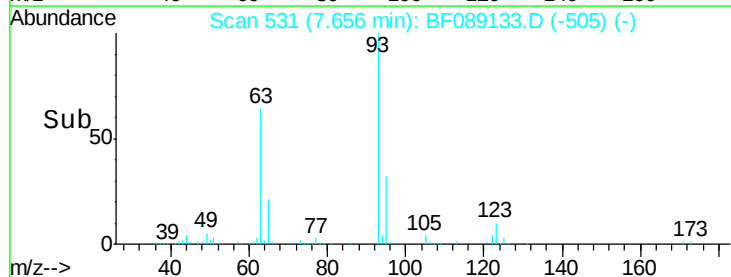


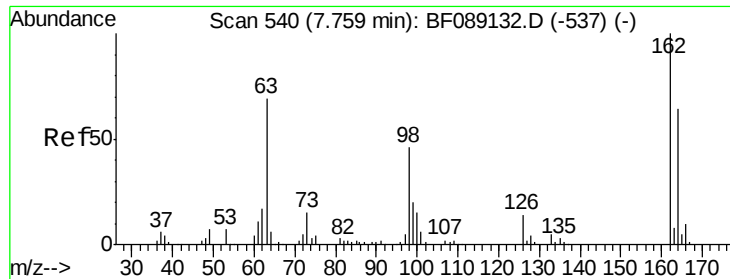
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.11 ng  
 RT: 7.66 min Scan# 531  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion: 93 Resp: 222680  
 Ion Ratio Lower Upper  
 93 100  
 95 32.2 25.4 38.0  
 123 10.4 8.3 12.5



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

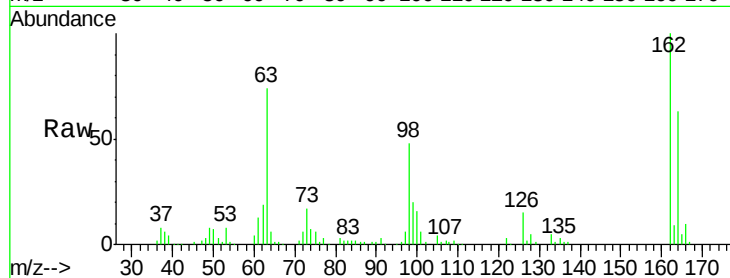




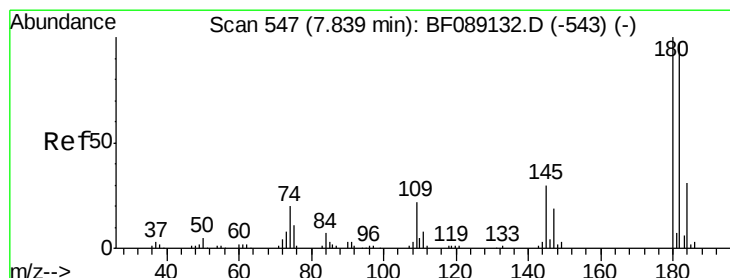
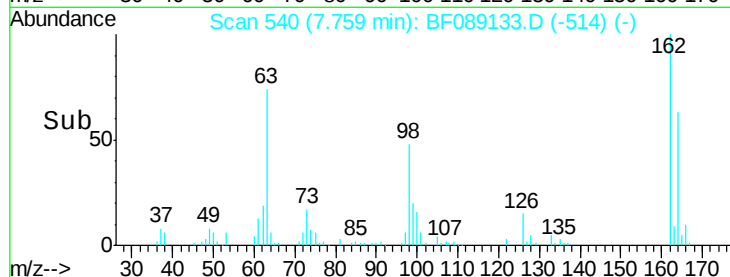
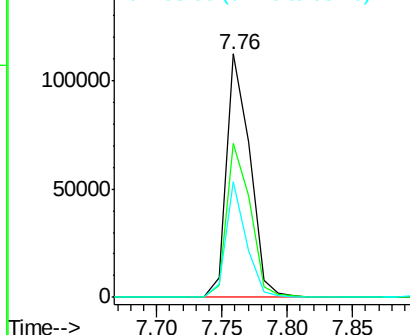
#29  
 2,4-Dichlorophenol  
 Concen: 51.15 ng  
 RT: 7.76 min Scan# 540  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.1  | 44.0  | 84.0  |
| 98      | 47.6  | 26.0  | 66.0  |

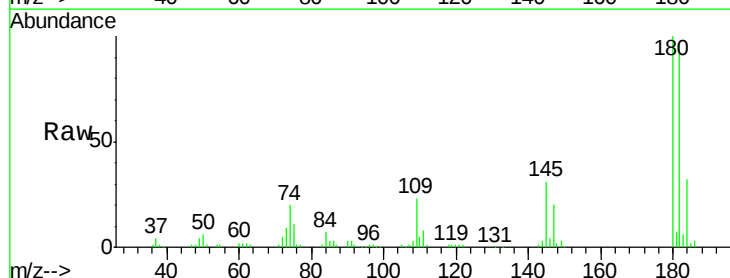


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

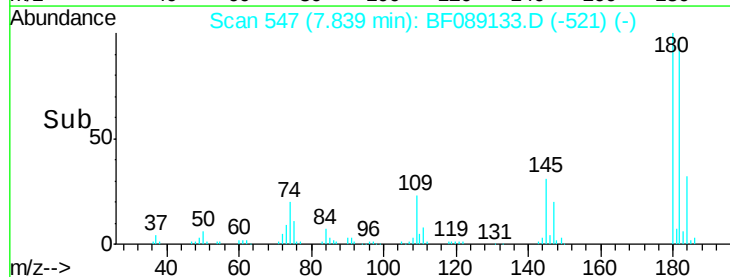
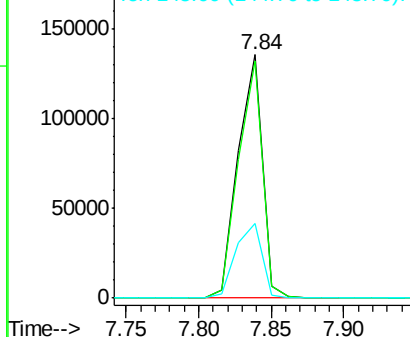


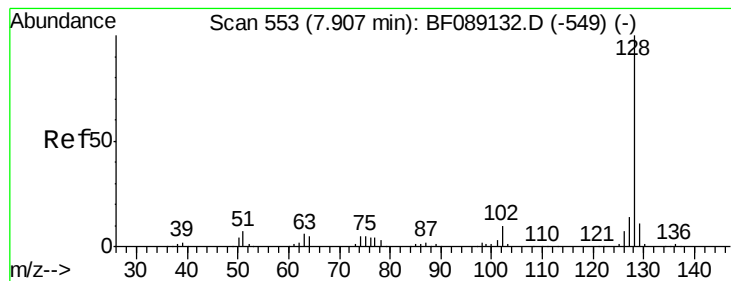
#30  
 1,2,4-Trichlorobenzene  
 Concen: 52.91 ng  
 RT: 7.84 min Scan# 547  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 77.6  | 116.4 |
| 145     | 30.7  | 24.0  | 36.0  |



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





#31

Naphthalene

Concen: 50.58 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

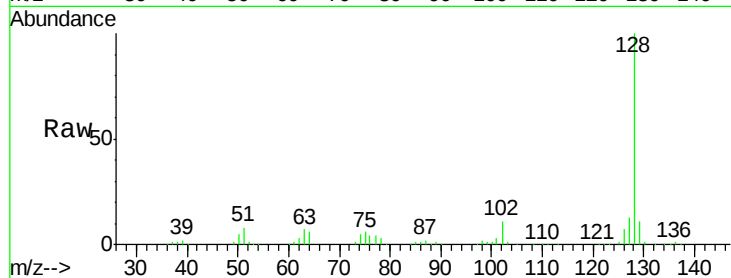
Tot Ion:128 Resp: 507888

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

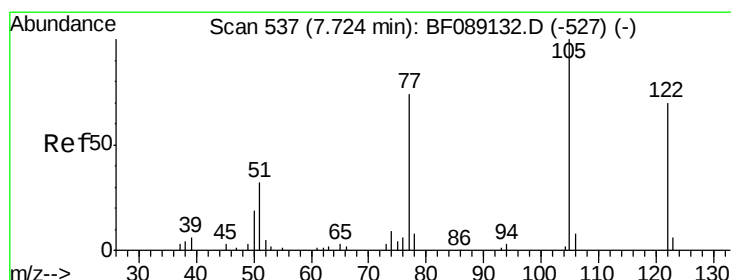
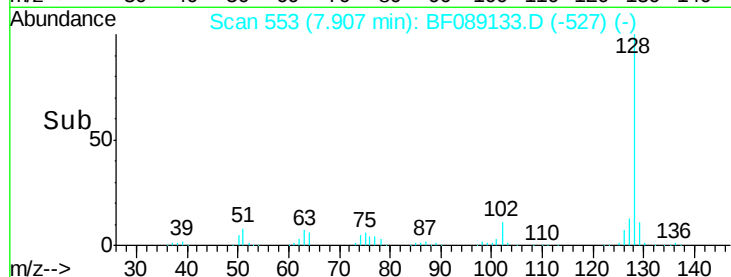
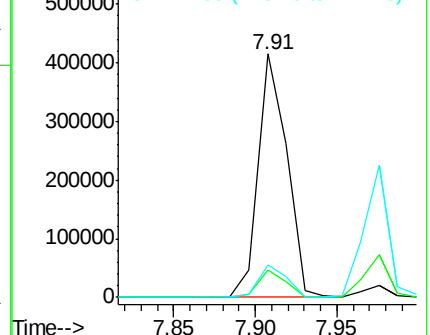
127 13.4 10.8 16.2



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: 51.72 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

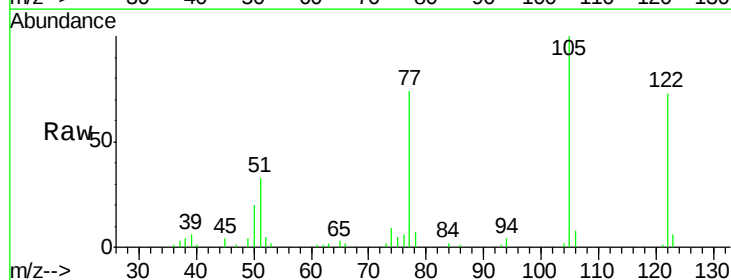
Tgt Ion:122 Resp: 126366

Ion Ratio Lower Upper

122 100

105 136.9 119.0 159.0

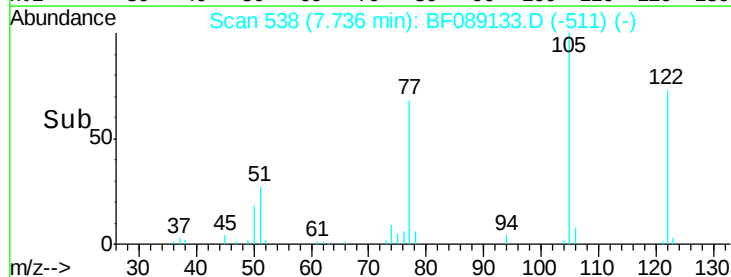
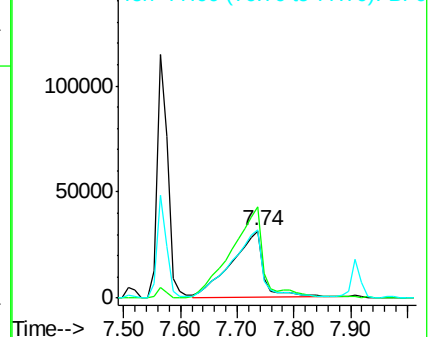
77 101.3 84.7 124.7

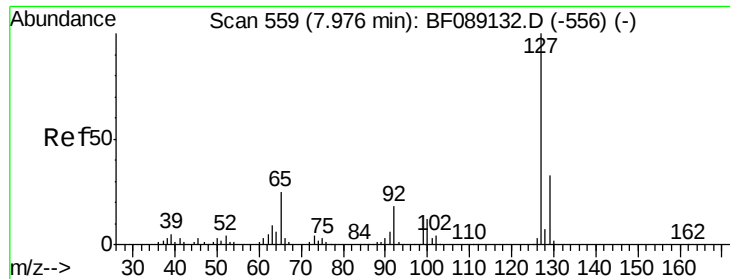


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

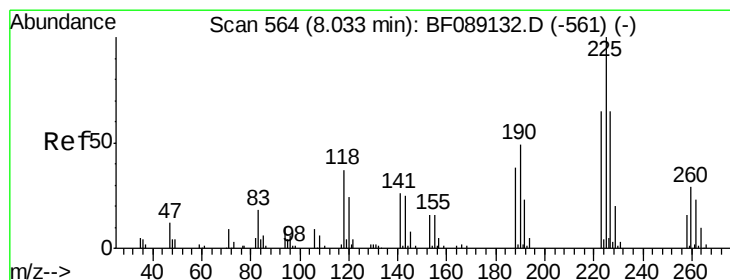
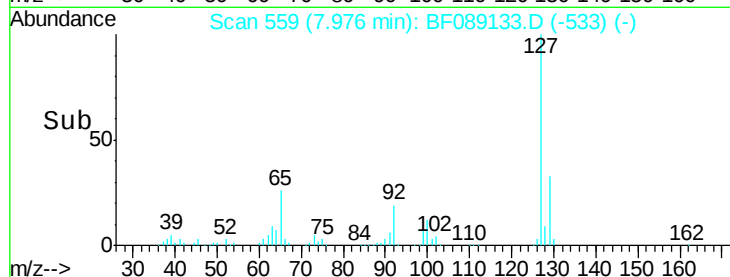
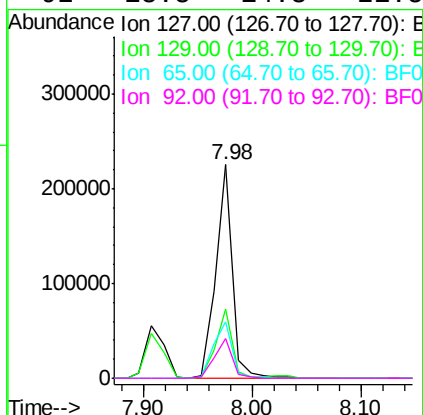
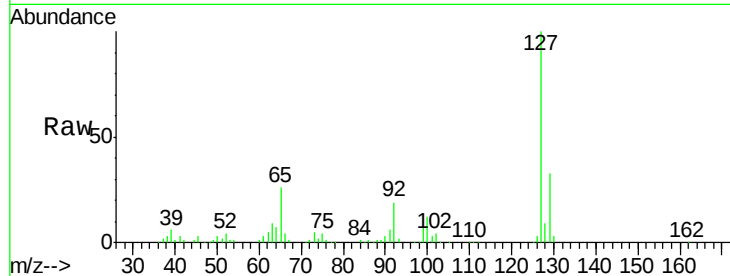




#33  
4-Chloroaniline  
Concen: 53.74 ng  
RT: 7.98 min Scan# 559  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

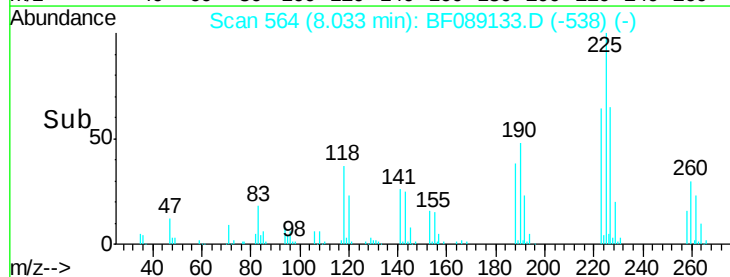
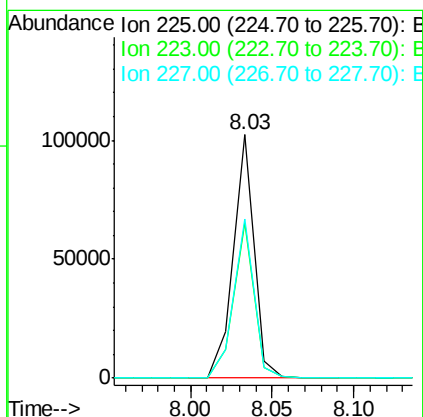
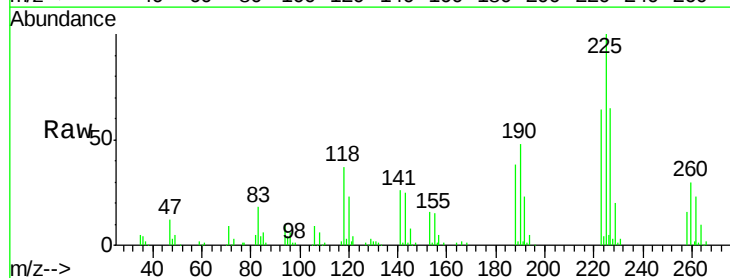
Instrument :  
BNA\_F  
ClientSampleId :

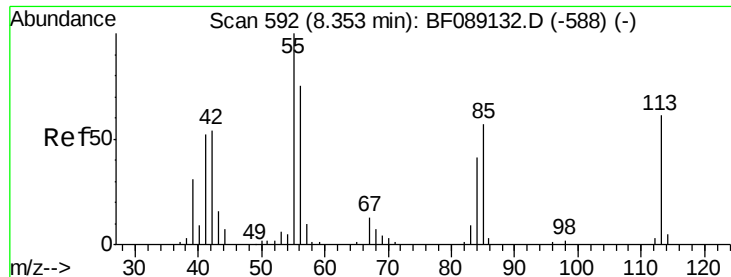
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 240665 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.9  | 38.9   |
| 65       | 26.3  | 19.7  | 29.5   |
| 92       | 18.8  | 14.3  | 21.5   |



#34  
Hexachlorobutadiene  
Concen: 55.25 ng  
RT: 8.03 min Scan# 564  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 89056 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.6  | 51.6  | 77.4  |
| 227      | 65.1  | 51.6  | 77.4  |





#35

Caprolactam

Concen: 51.33 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.01 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampled :

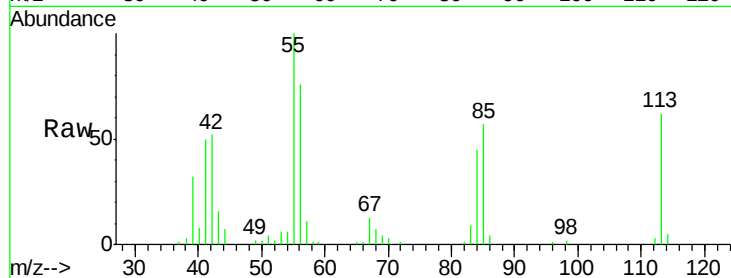
Tot Ion:113 Resp: 46553

Ion Ratio Lower Upper

113 100

55 162.0 145.3 185.3

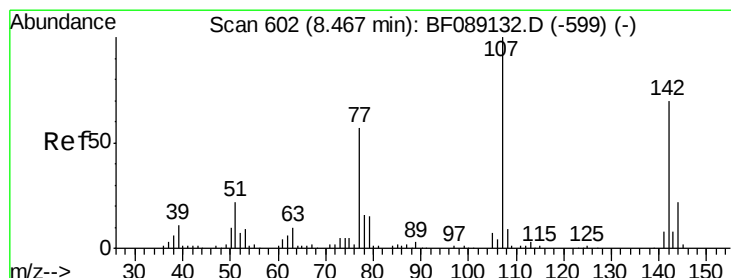
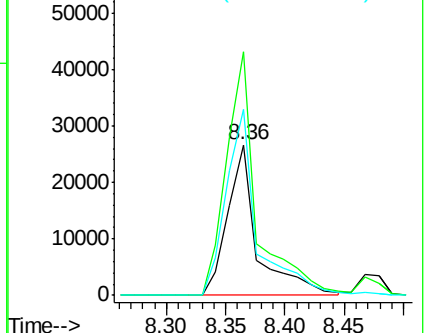
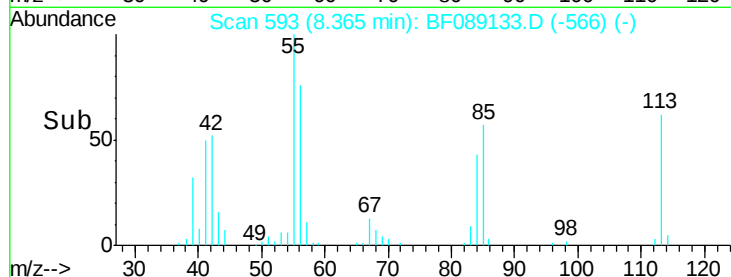
56 123.6 104.3 144.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.80 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

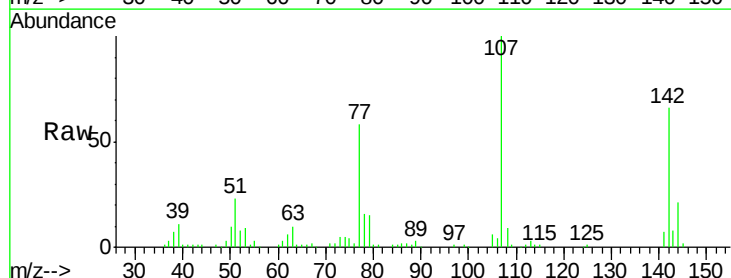
Tgt Ion:107 Resp: 169897

Ion Ratio Lower Upper

107 100

144 21.3 17.8 26.6

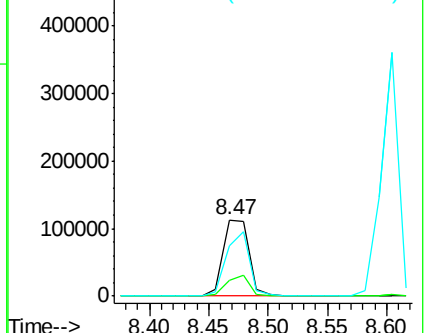
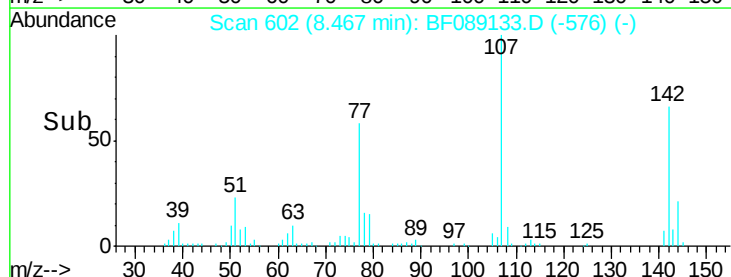
142 66.2 56.1 84.1

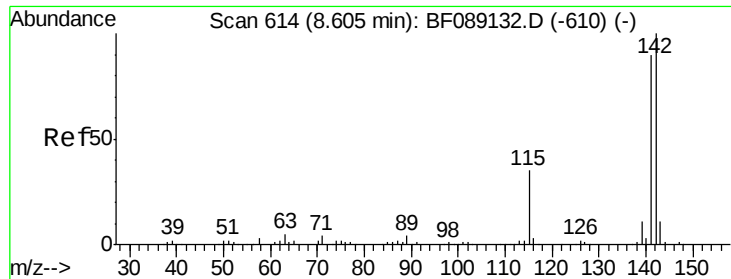


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

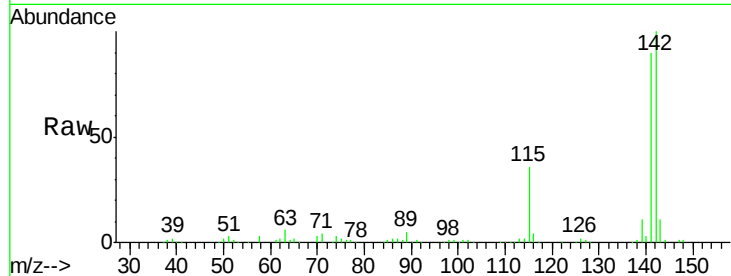




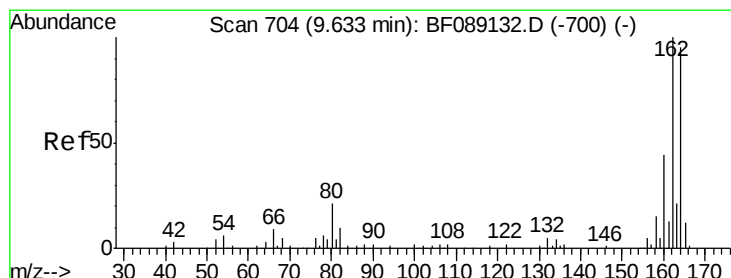
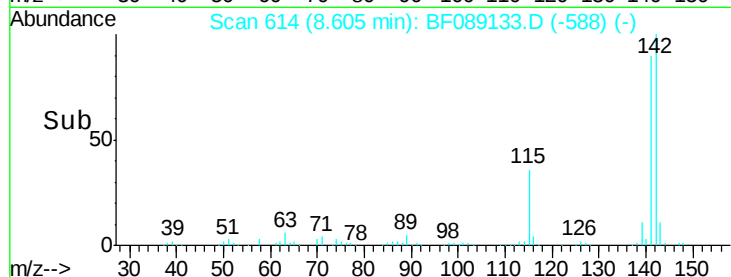
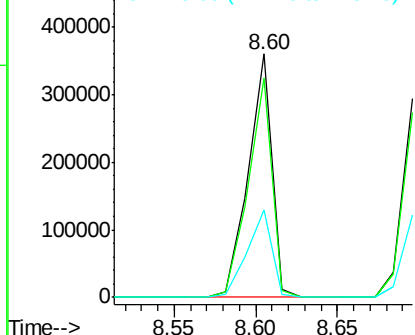
#37  
 2-Methylnaphthalene  
 Concen: 54.64 ng  
 RT: 8.60 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:142 Resp: 362882  
 Ion Ratio Lower Upper  
 142 100  
 141 90.3 71.6 107.4  
 115 36.1 27.6 41.4

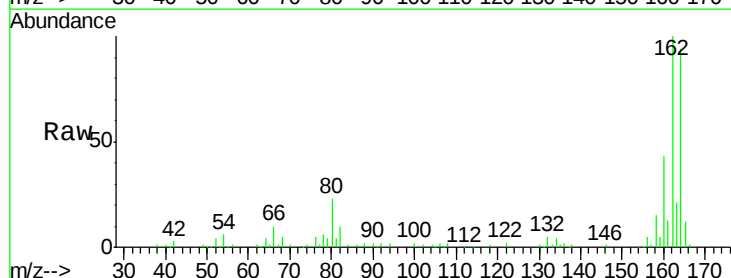


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

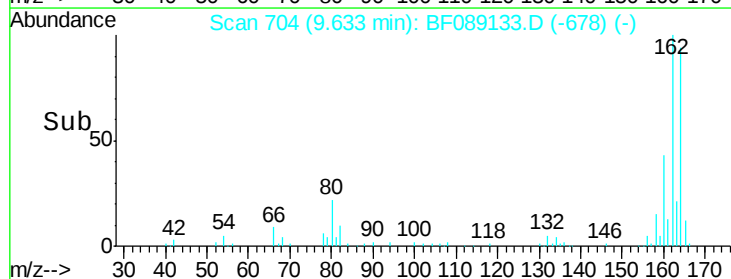
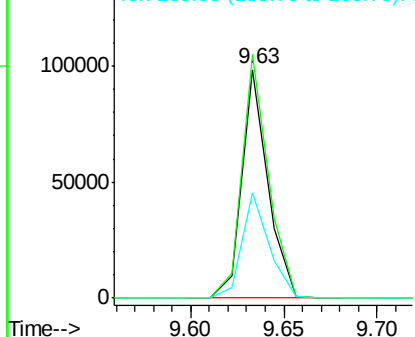


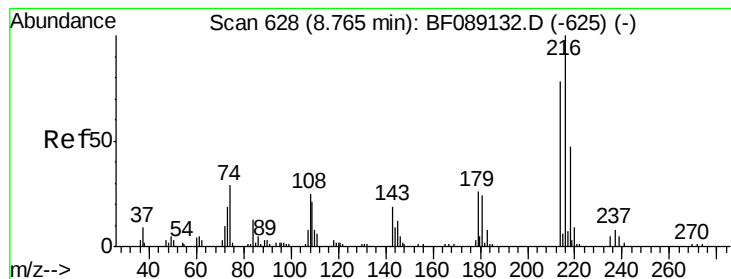
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.63 min Scan# 704  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion:164 Resp: 95269  
 Ion Ratio Lower Upper  
 164 100  
 162 106.6 84.1 126.1  
 160 46.1 37.1 55.7



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.76 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 173559

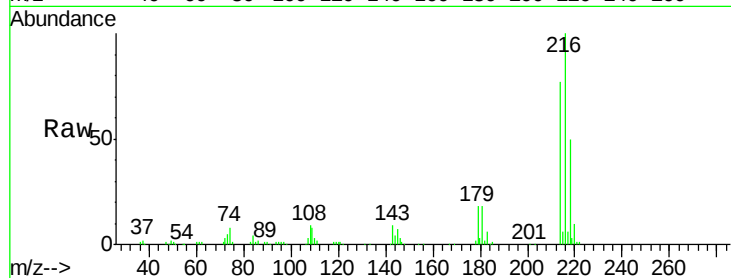
Ion Ratio Lower Upper

216 100

214 78.9 61.9 92.9

179 22.5 18.4 27.6

108 20.2 17.0 25.6

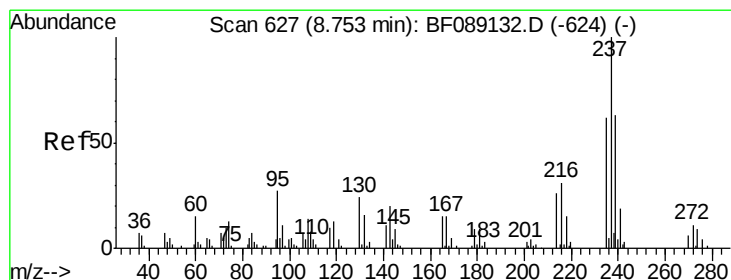
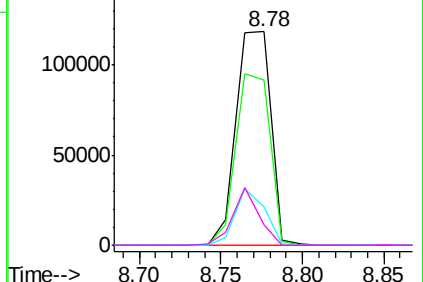
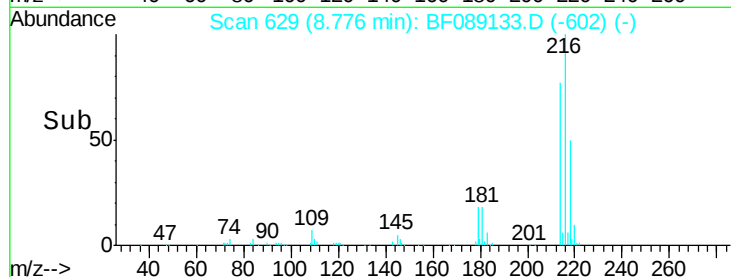


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.28 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

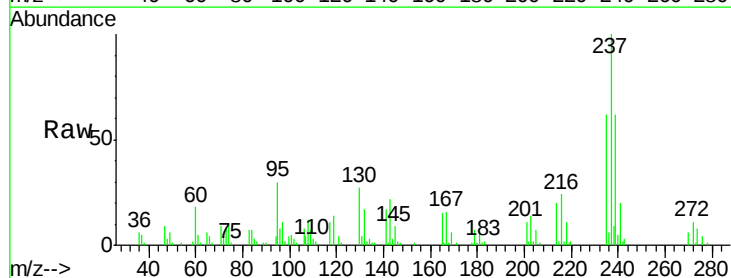
Tgt Ion:237 Resp: 53586

Ion Ratio Lower Upper

237 100

235 62.0 42.1 82.1

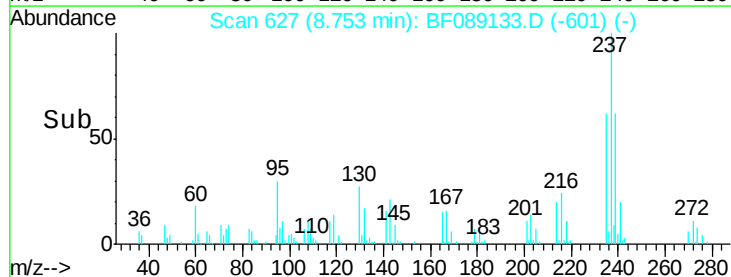
272 11.3 0.0 31.4



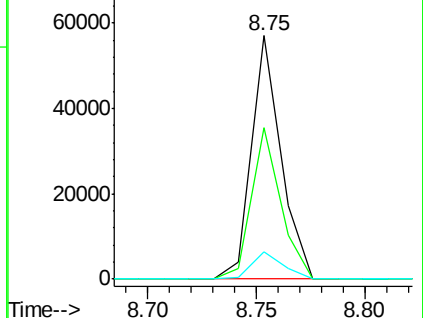
Abundance Ion 236.80 (236.50 to 237.50): E

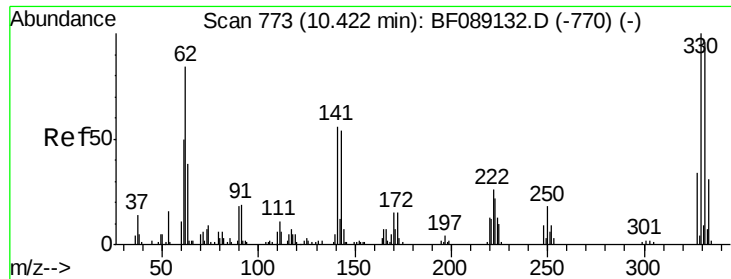
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

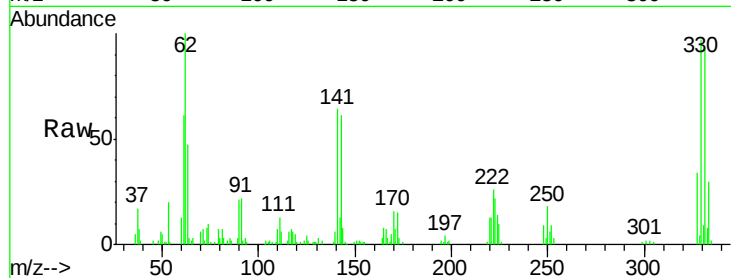




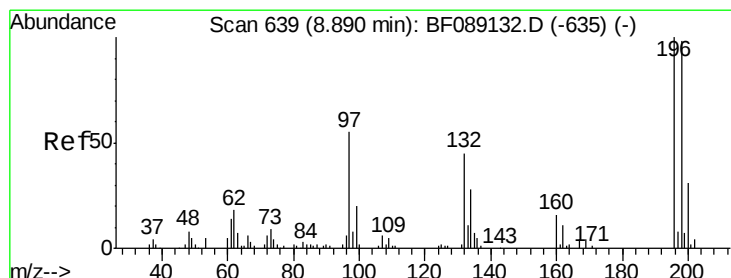
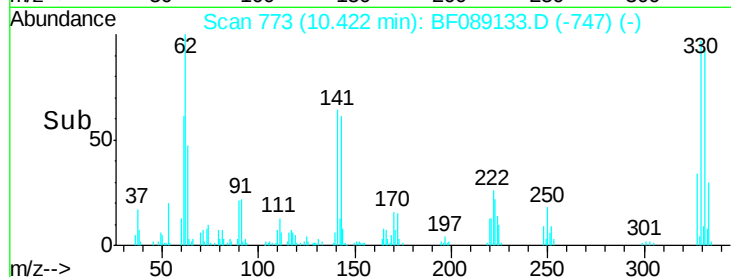
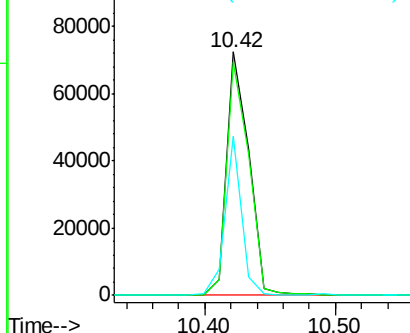
#41  
 2,4,6-Tribromophenol  
 Concen: 97.84 ng  
 RT: 10.42 min Scan# 773  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 85106  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.2 115.8  
 141 49.9 42.2 63.2

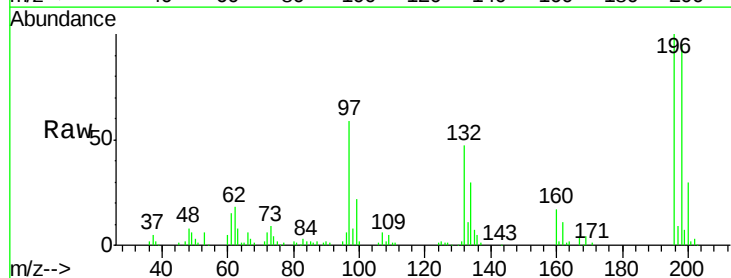


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

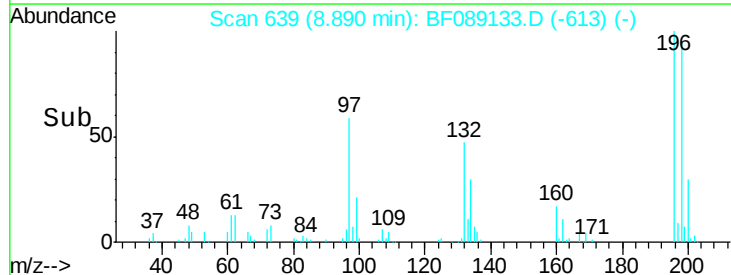
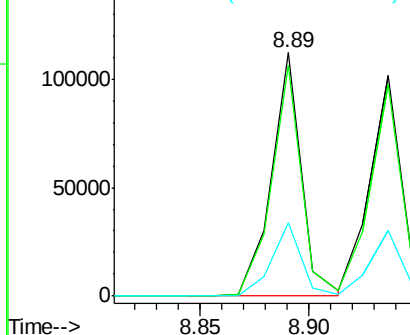


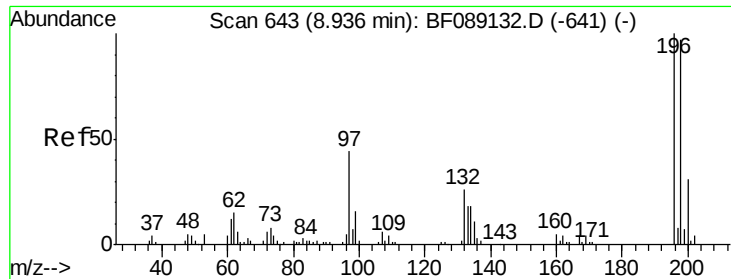
#42  
 2,4,6-Trichlorophenol  
 Concen: 51.24 ng  
 RT: 8.89 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion:196 Resp: 107906  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 78.3 117.5  
 200 30.2 25.0 37.4



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

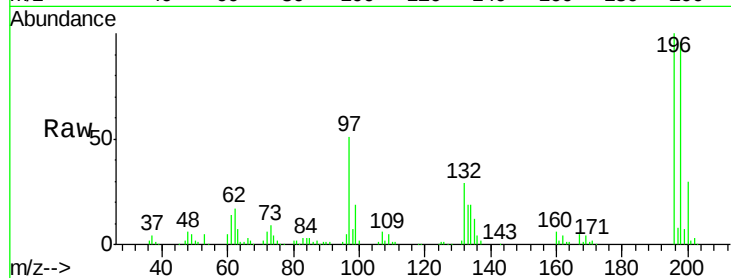




#43  
 2,4,5-Trichlorophenol  
 Concen: 58.39 ng  
 RT: 8.94 min Scan# 643  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.0  | 77.6  | 116.4 |
| 97      | 51.1  | 36.5  | 54.7  |
| 132     | 28.5  | 21.2  | 31.8  |



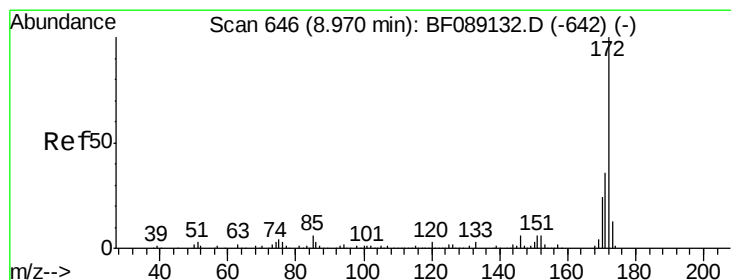
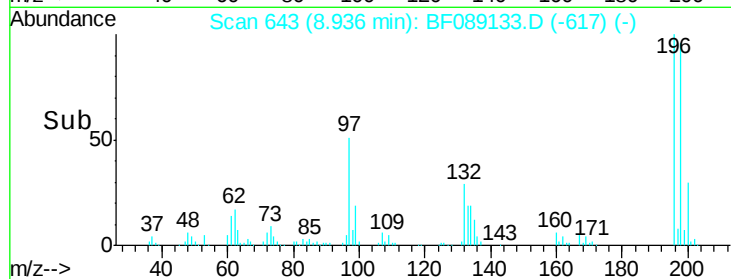
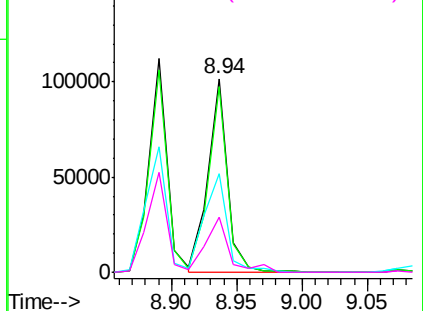
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

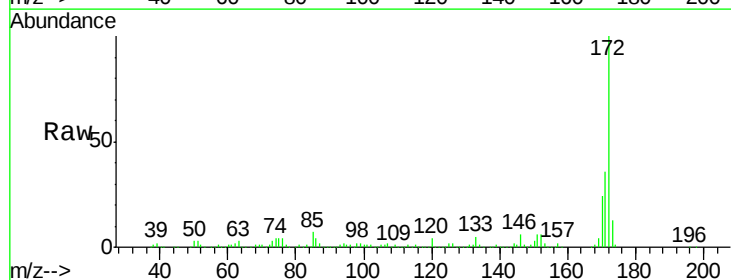
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 111.31 ng  
 RT: 8.97 min Scan# 646  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.2  | 43.8  |
| 170     | 24.3  | 19.1  | 28.7  |

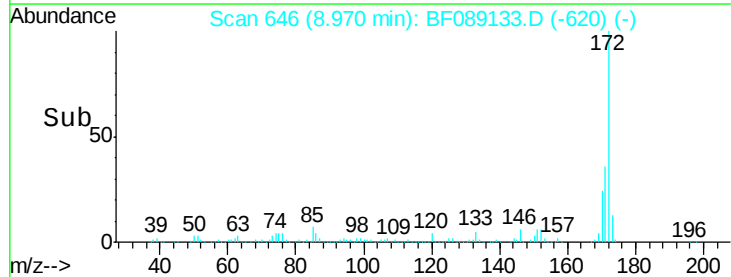
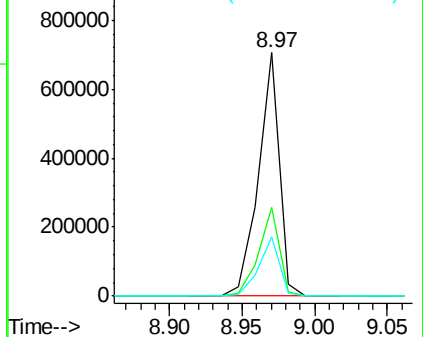


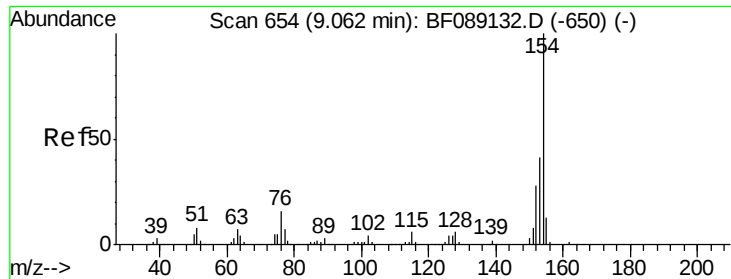
Abundance

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

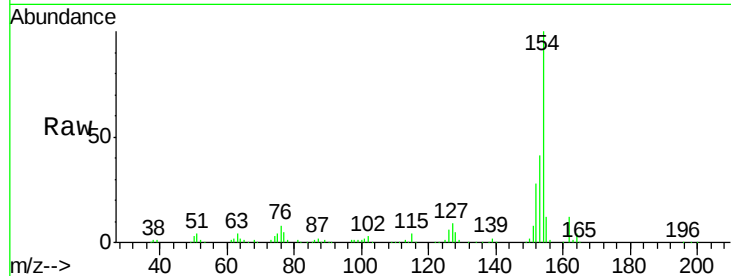




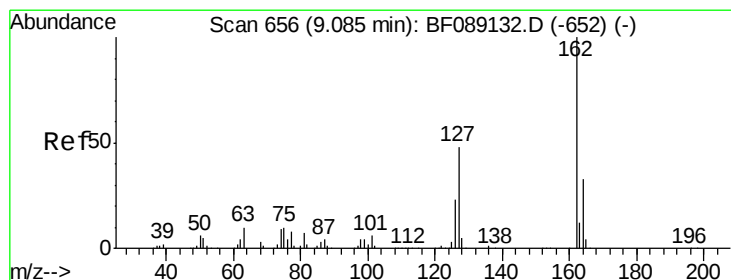
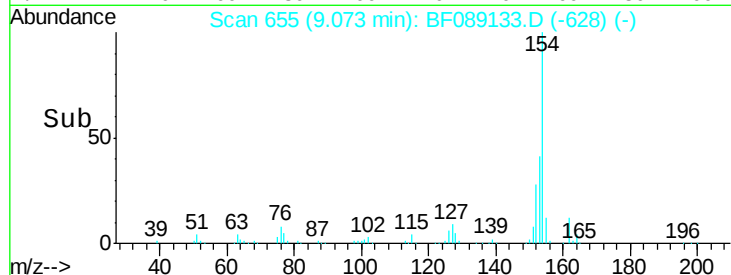
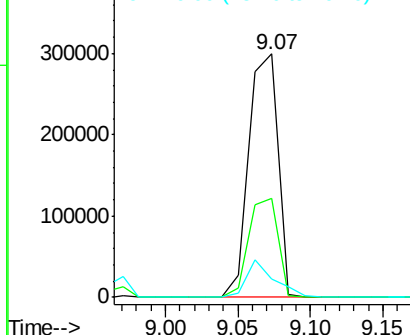
#45  
 1,1'-Biphenyl  
 Concen: 53.28 ng  
 RT: 9.07 min Scan# 655  
 Delta R.T. 0.01 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:154 Resp: 418346  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 21.1 61.1  
 76 7.6 0.0 35.8

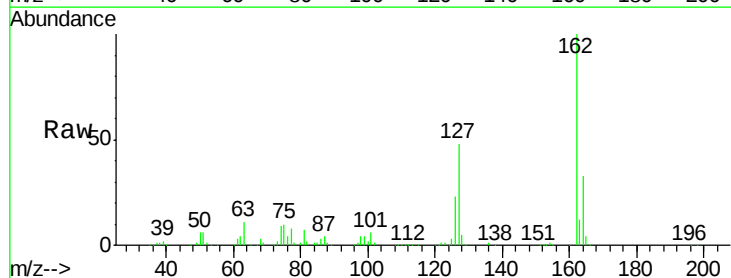


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

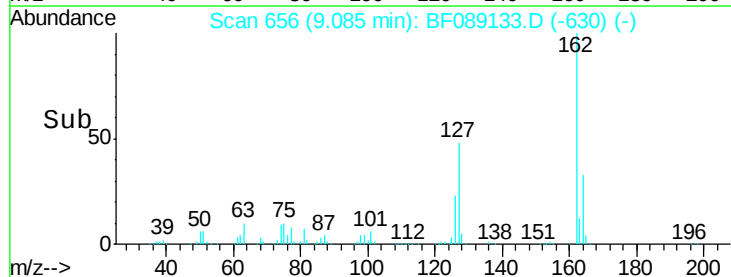
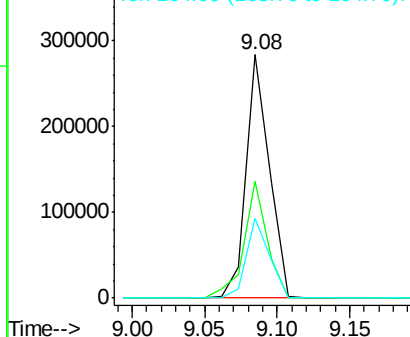


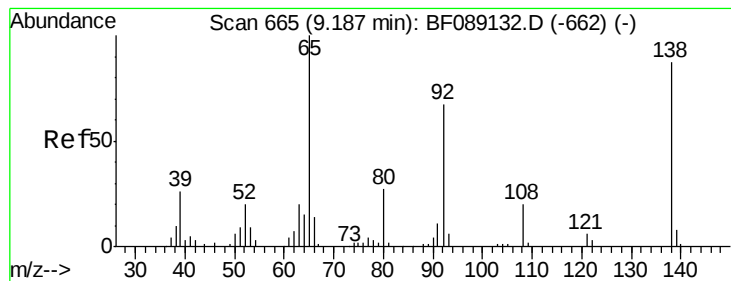
#46  
 2-Chloronaphthalene  
 Concen: 50.79 ng  
 RT: 9.08 min Scan# 656  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion:162 Resp: 313182  
 Ion Ratio Lower Upper  
 162 100  
 127 47.9 38.1 57.1  
 164 32.6 26.1 39.1



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

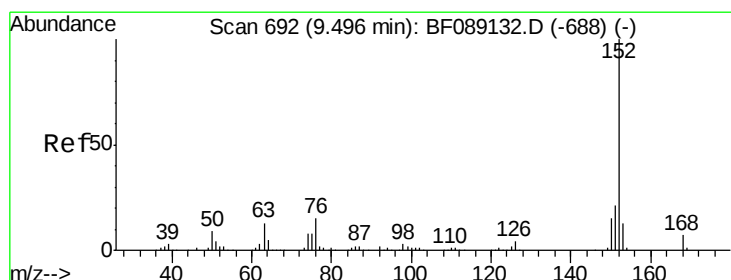
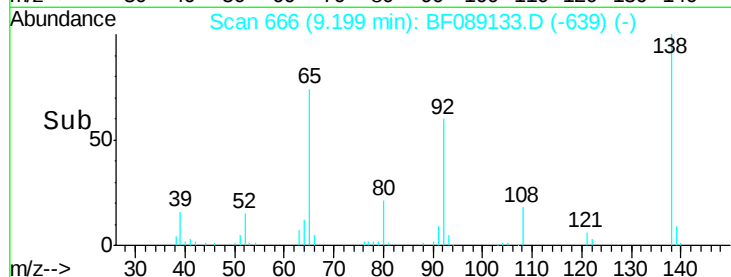
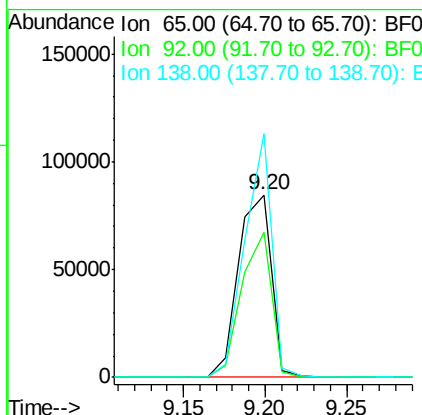
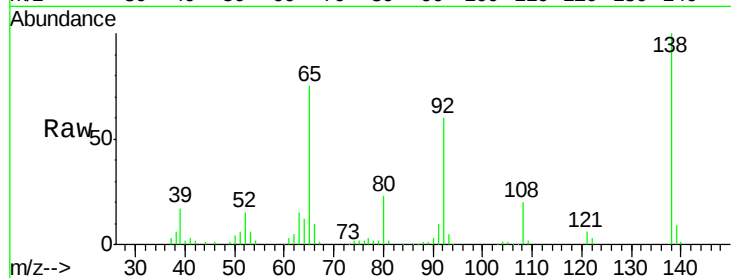




#47  
 2-Nitroaniline  
 Concen: 54.87 ng  
 RT: 9.20 min Scan# 666  
 Delta R.T. 0.01 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

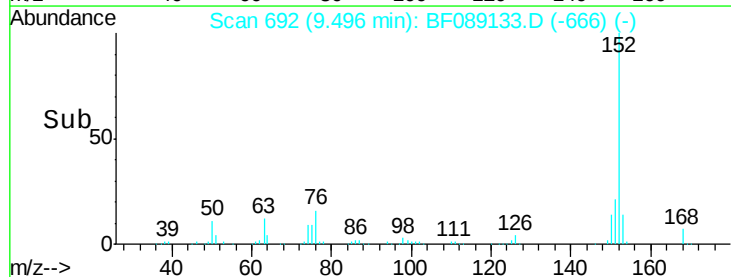
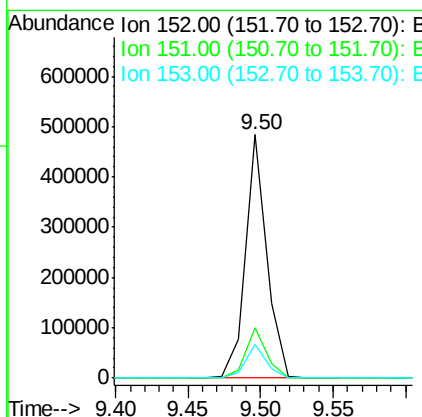
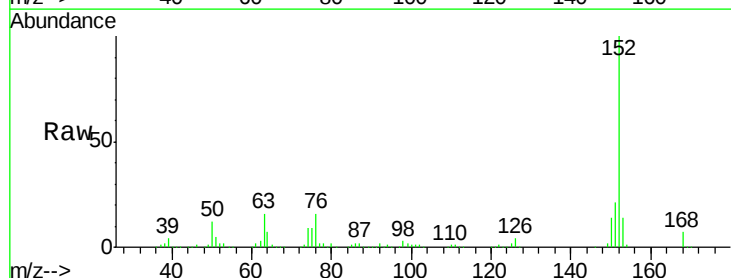
Instrument :  
 BNA\_F  
 ClientSampleId :

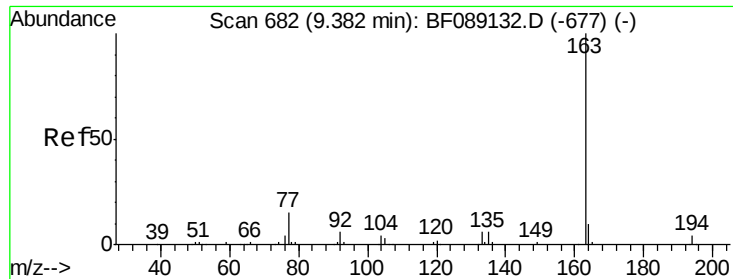
Tot Ion: 65 Resp: 117961  
 Ion Ratio Lower Upper  
 65 100  
 92 79.7 53.2 79.8  
 138 133.2 69.4 104.2#



#48  
 Acenaphthylene  
 Concen: 50.16 ng  
 RT: 9.50 min Scan# 692  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion: 152 Resp: 492906  
 Ion Ratio Lower Upper  
 152 100  
 151 20.7 16.5 24.7  
 153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 55.69 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

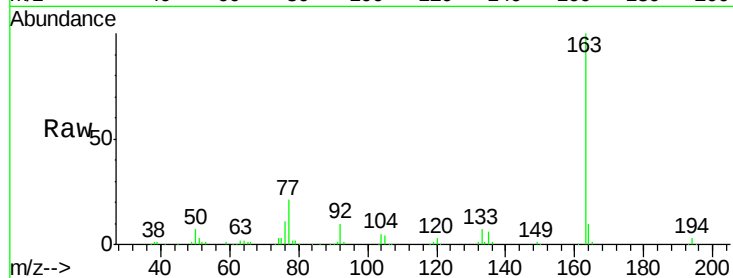
Tot Ion:163 Resp: 388374

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

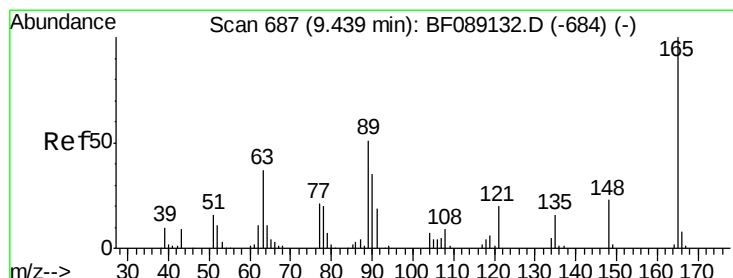
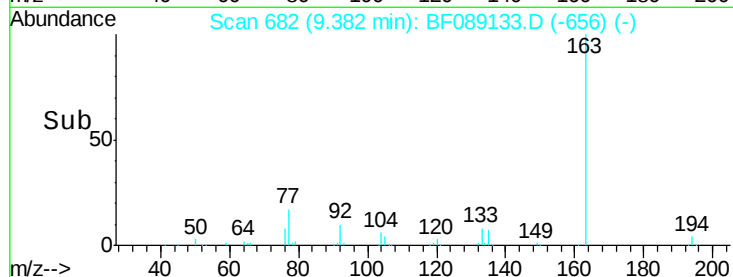
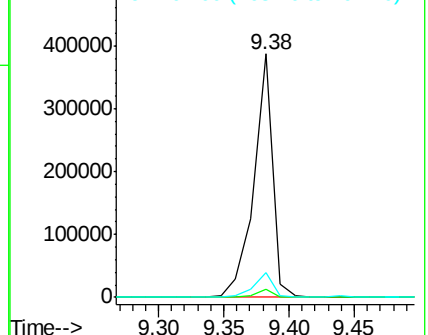
164 10.2 7.6 11.4



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: 54.43 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

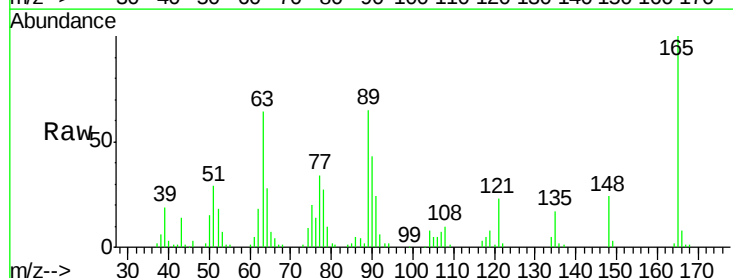
Tgt Ion:165 Resp: 84603

Ion Ratio Lower Upper

165 100

63 64.3 37.0 55.4#

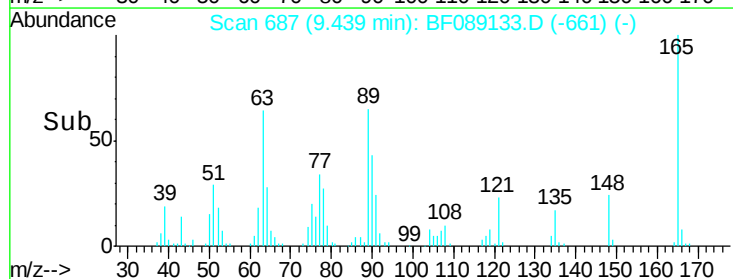
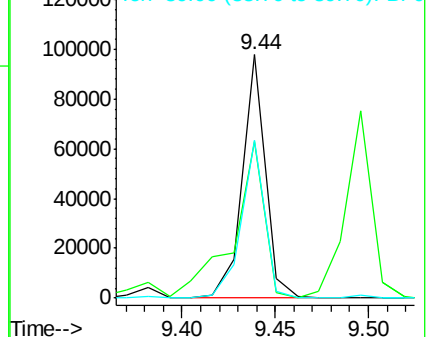
89 65.0 40.9 61.3#

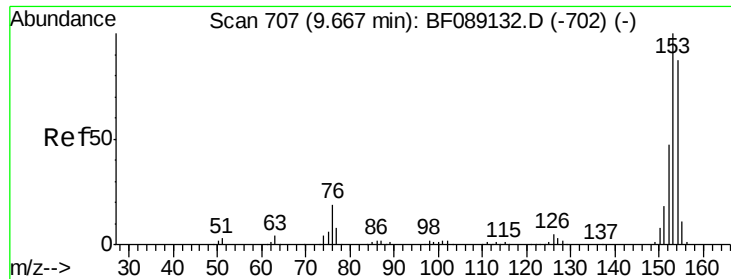


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.54 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

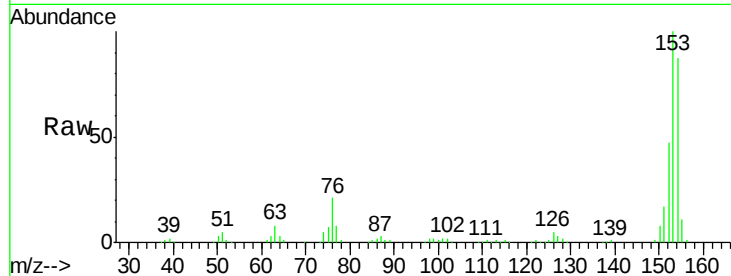
Tot Ion:154 Resp: 287462

Ion Ratio Lower Upper

154 100

153 114.8 91.9 137.9

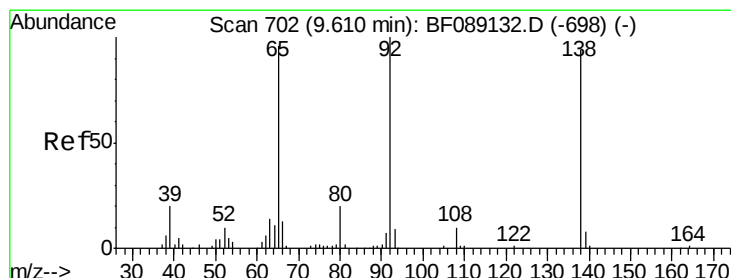
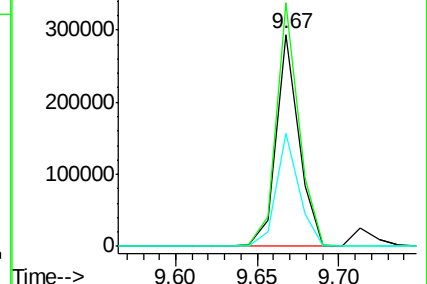
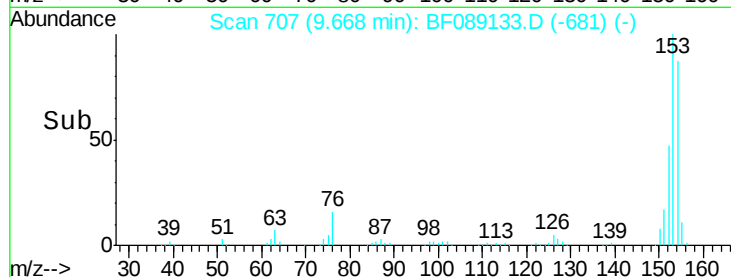
152 53.4 42.8 64.2



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: 55.11 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

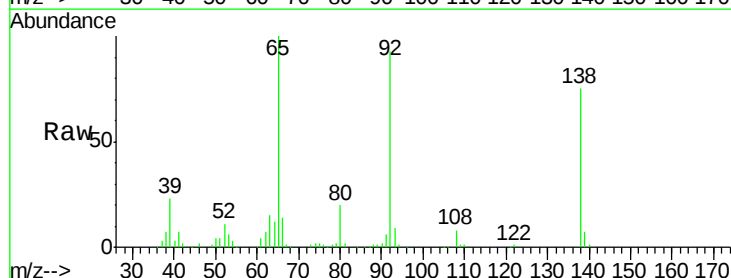
Tgt Ion:138 Resp: 104737

Ion Ratio Lower Upper

138 100

108 11.4 8.8 13.2

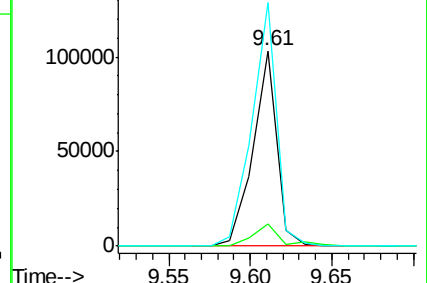
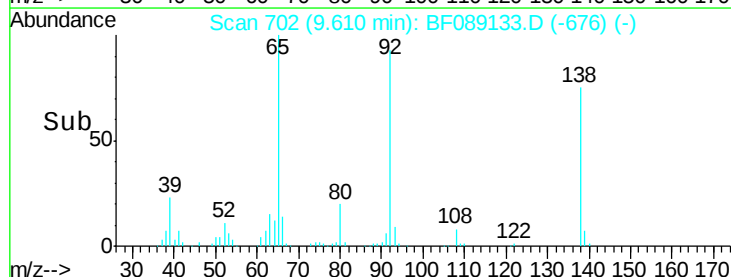
92 124.6 85.3 127.9

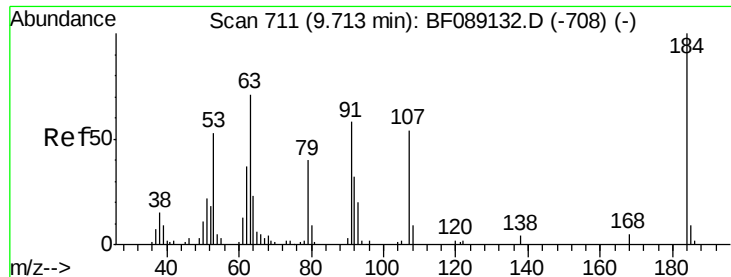


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

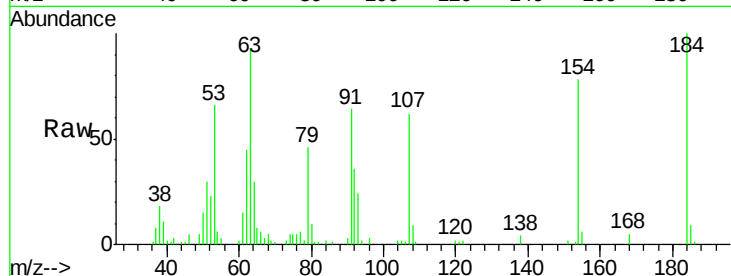




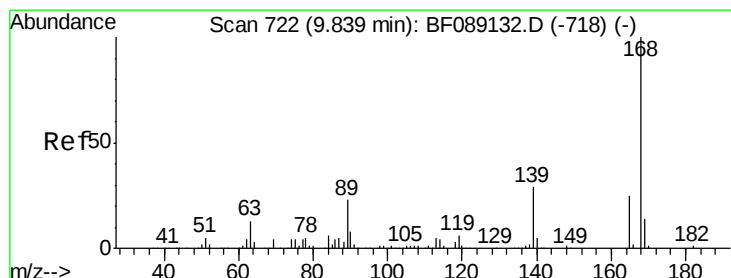
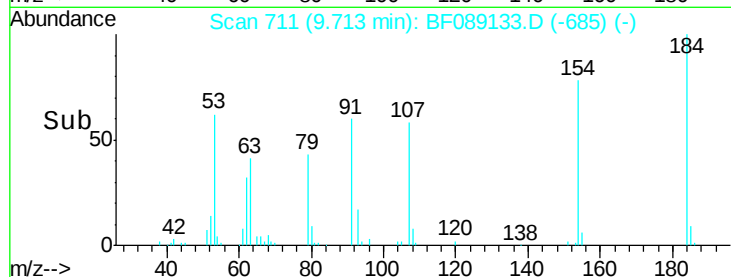
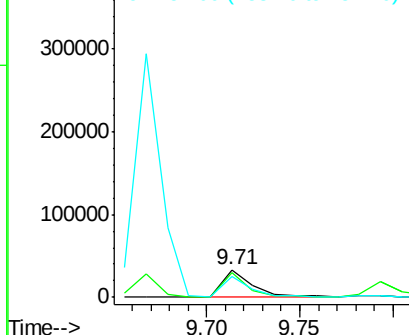
#53  
 2,4-Dinitrophenol  
 Concen: 57.04 ng  
 RT: 9.71 min Scan# 711  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:184 Resp: 38650  
 Ion Ratio Lower Upper  
 184 100  
 63 91.6 60.3 90.5#  
 154 78.3 60.7 91.1

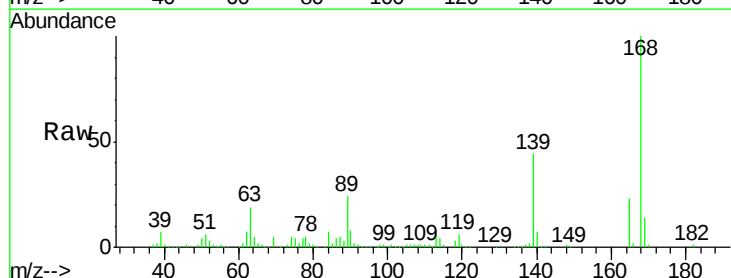


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 154.00 (153.70 to 154.70): E

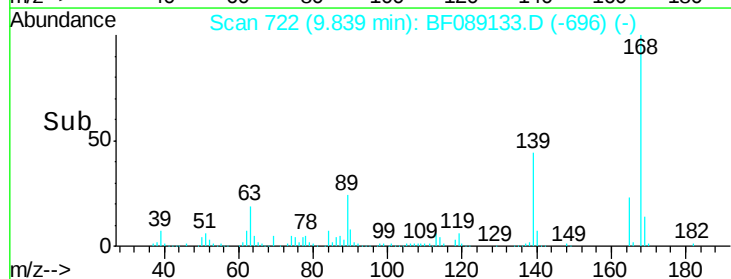
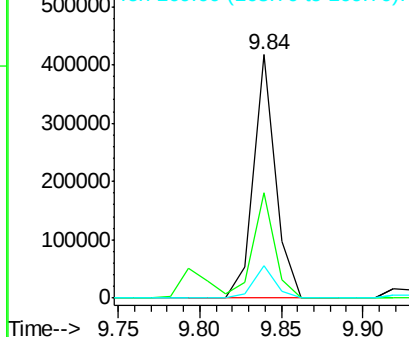


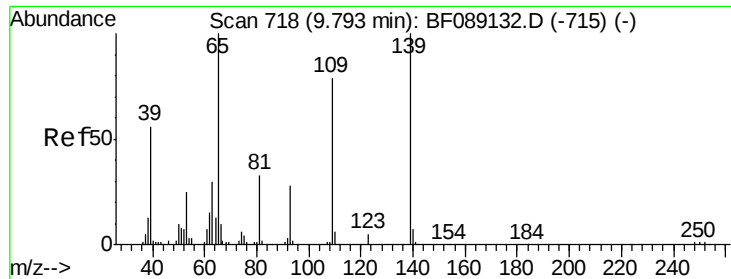
#54  
 Dibenzofuran  
 Concen: 49.47 ng  
 RT: 9.84 min Scan# 722  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion:168 Resp: 392086  
 Ion Ratio Lower Upper  
 168 100  
 139 43.5 34.4 51.6  
 169 13.5 10.8 16.2



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





#55

4-Nitrophenol

Concen: 43.70 ng

RT: 9.79 min Scan# 718

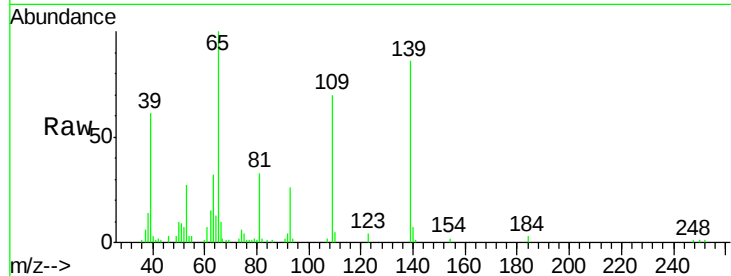
Delta R.T. 0.00 min

Lab File: BF089133.D

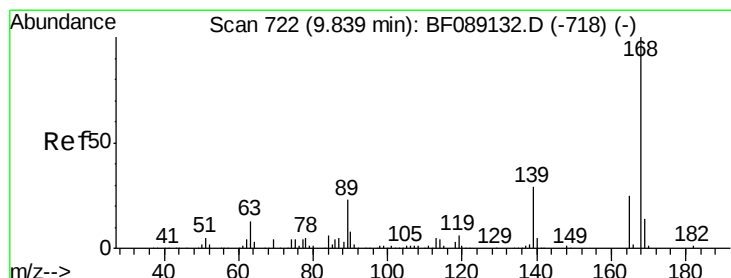
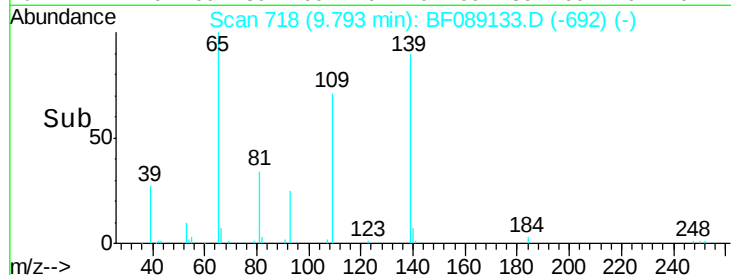
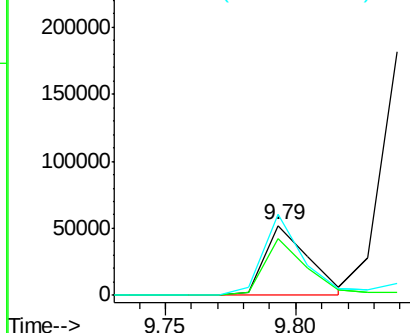
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tot Ion:139 | Resp: | 61511      |
| Ion Ratio   | Lower | Upper      |
| 139         | 100   |            |
| 109         | 81.2  | 58.7 98.7  |
| 65          | 116.0 | 80.2 120.2 |



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



#56

2,4-Dinitrotoluene

Concen: 49.40 ng

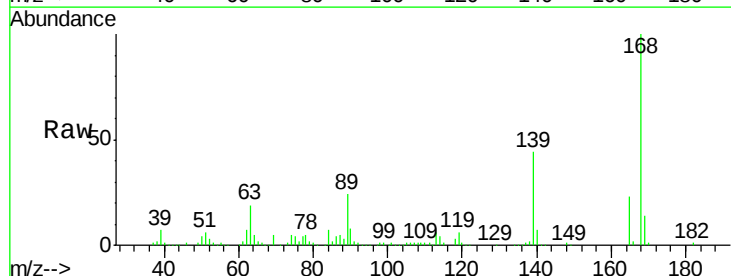
RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

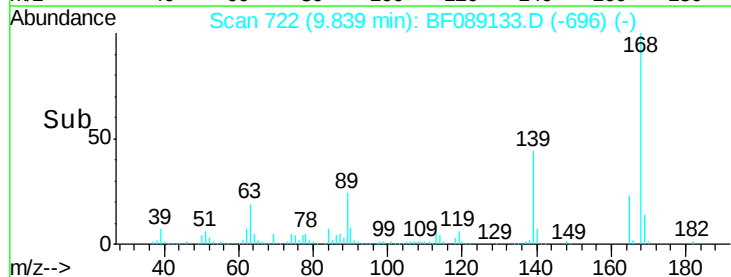
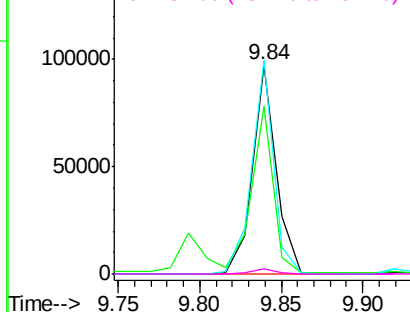
Lab File: BF089133.D

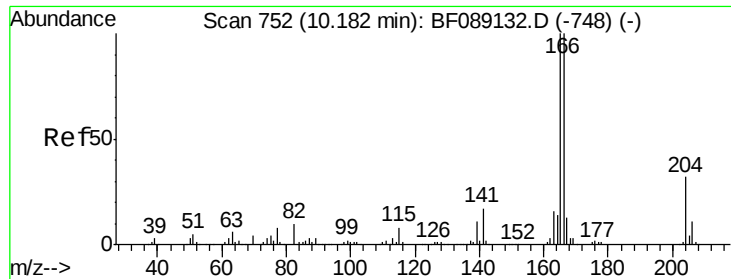
Acq: 20 Jul 2016 14:02

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 98878      |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 80.2  | 55.4 83.2  |
| 89          | 102.1 | 74.3 111.5 |
| 182         | 2.4   | 2.0 3.0    |



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

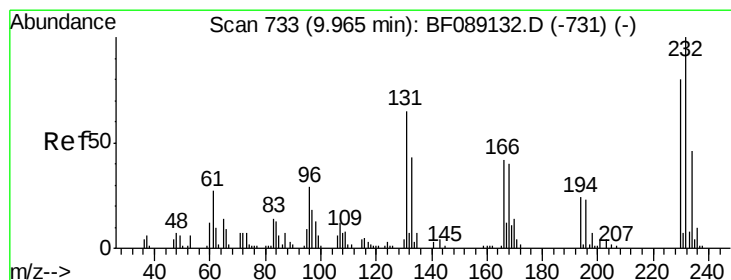
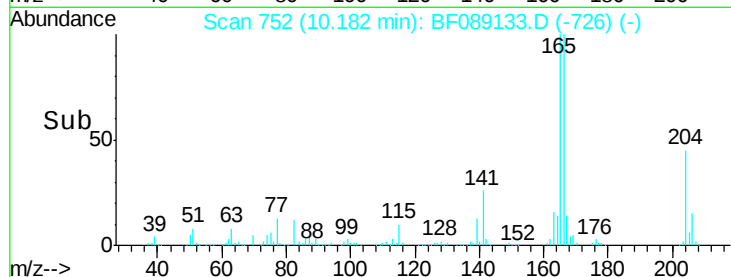
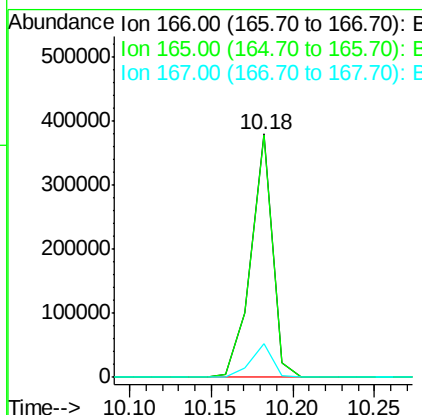
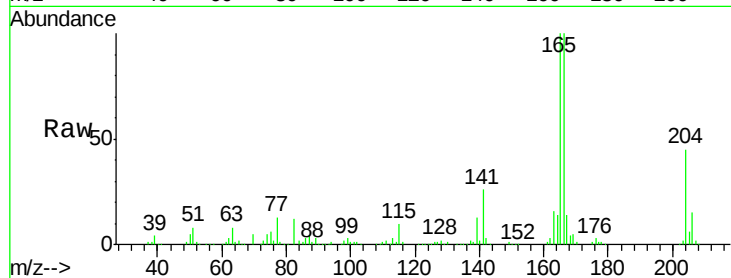




#57  
 Fluorene  
 Concen: 55.19 ng  
 RT: 10.18 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

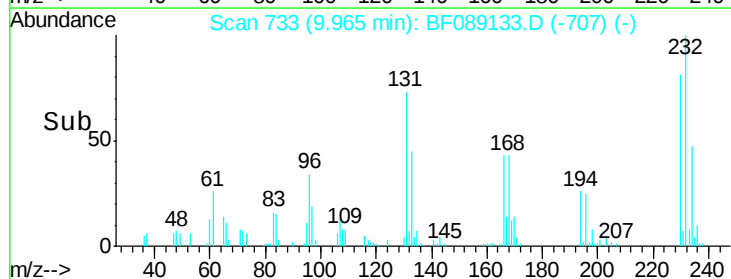
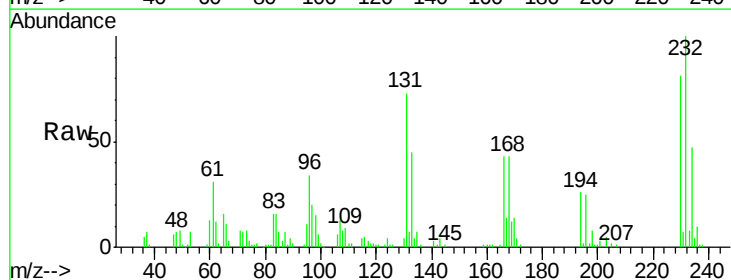
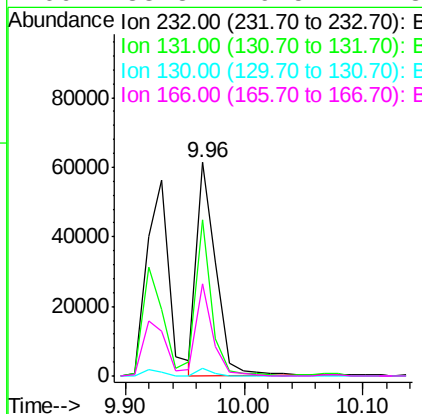
Instrument :  
 BNA\_F  
 ClientSampled :

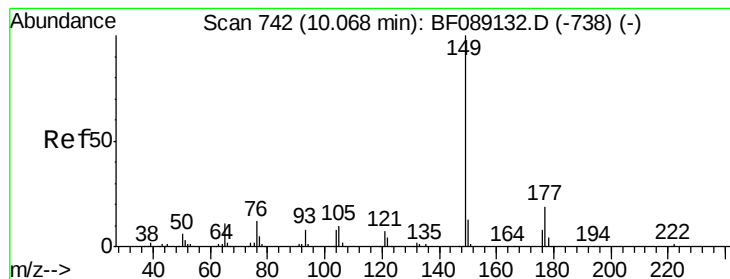
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.5  | 79.9  | 119.9 |
| 167     | 13.7  | 10.7  | 16.1  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.60 ng  
 RT: 9.96 min Scan# 733  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 62.7  | 46.2  | 69.2  |
| 130     | 3.0   | 2.3   | 3.5   |
| 166     | 38.8  | 29.5  | 44.3  |





#59

Diethylphthalate

Concen: 53.74 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

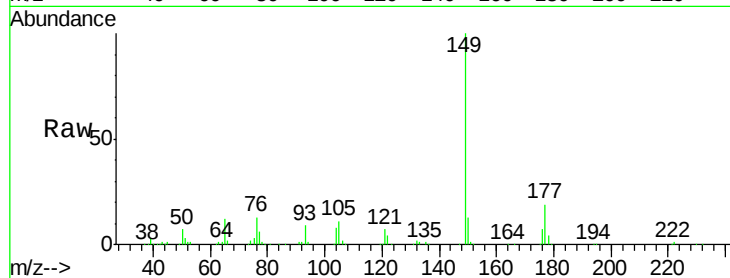
Tot Ion:149 Resp: 366978

Ion Ratio Lower Upper

149 100

177 18.5 15.6 23.4

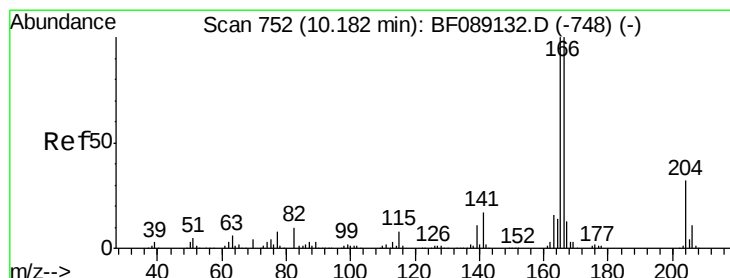
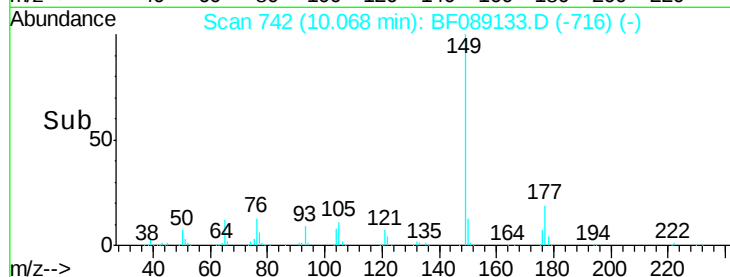
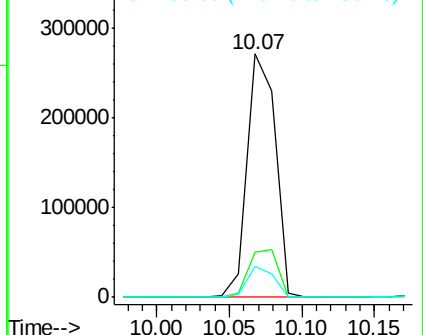
150 12.5 10.1 15.1



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: 57.80 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

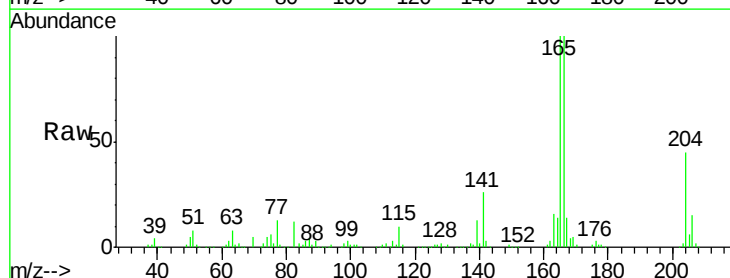
Tgt Ion:204 Resp: 167243

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.4

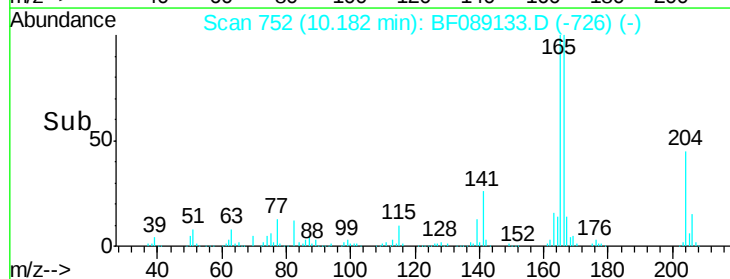
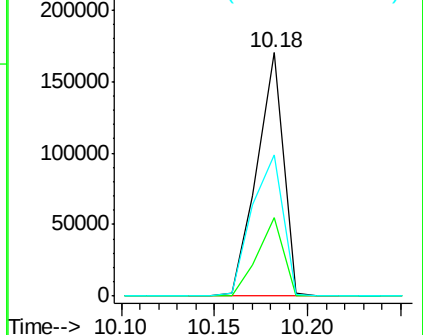
141 58.0 42.2 63.4

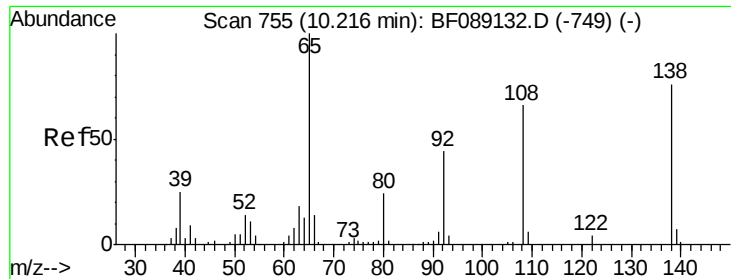


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

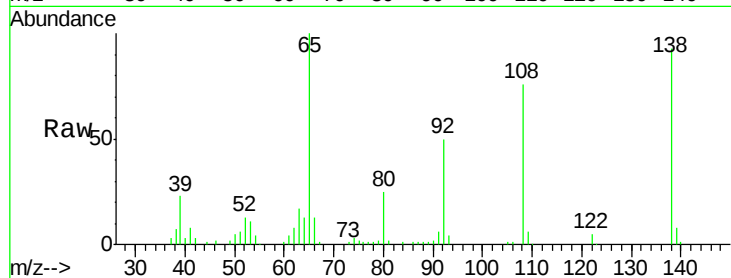




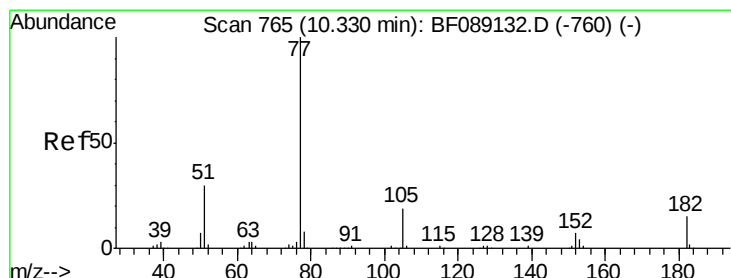
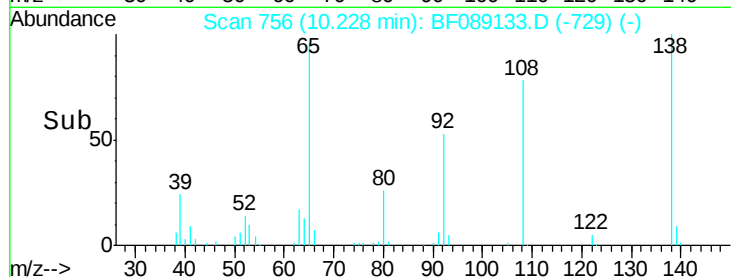
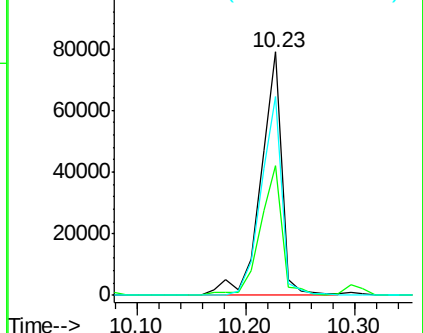
#61  
4-Nitroaniline  
Concen: 57.01 ng  
RT: 10.23 min Scan# 756  
Delta R.T. 0.01 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 106275  
Ion Ratio Lower Upper  
138 100  
92 53.1 37.2 77.2  
108 81.6 66.1 106.1

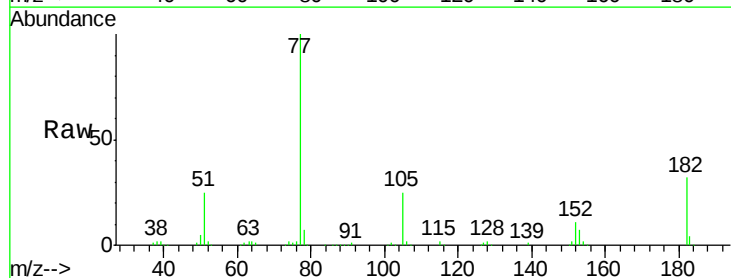


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E

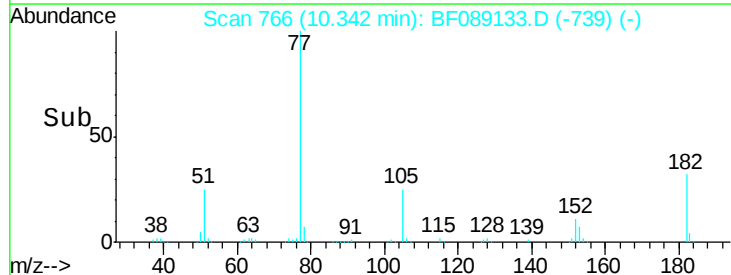
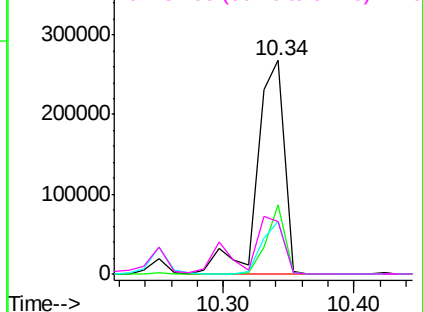


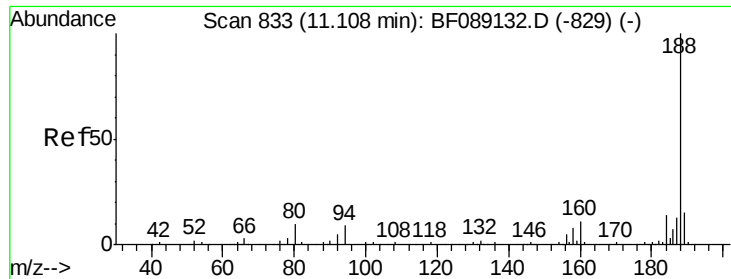
#62  
Azobenzene  
Concen: 50.25 ng  
RT: 10.34 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion: 77 Resp: 389396  
Ion Ratio Lower Upper  
77 100  
182 32.4 0.0 35.0  
105 24.7 0.0 39.4  
51 24.7 10.7 50.7



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

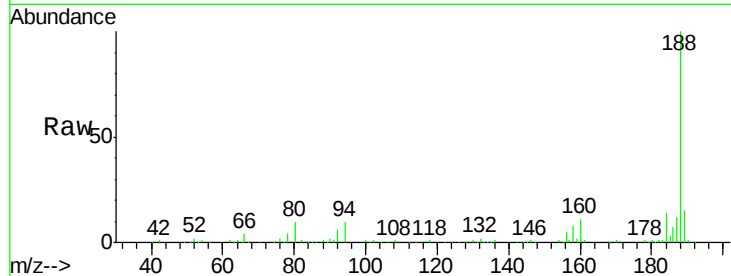




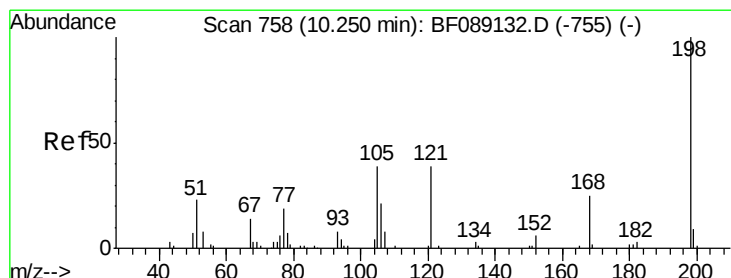
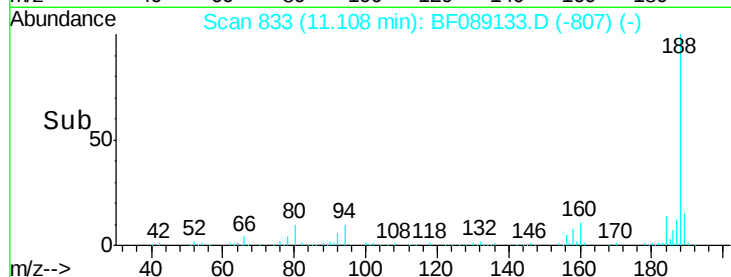
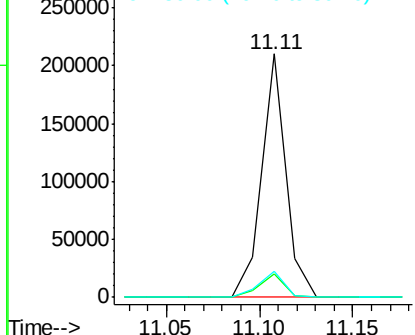
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.11 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:188 Resp: 192139  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.0 10.4  
80 10.5 7.7 11.5

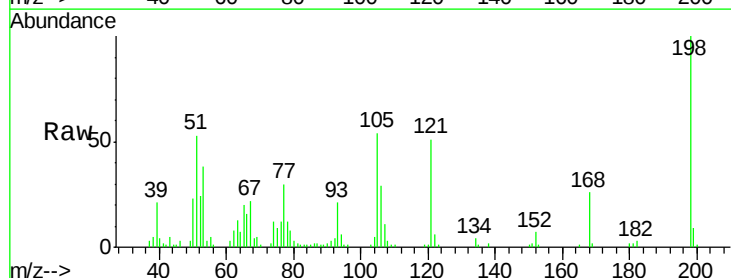


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

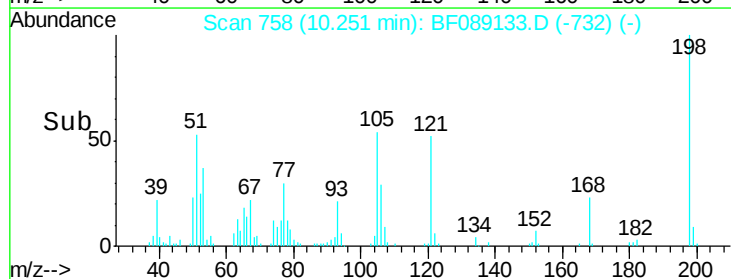
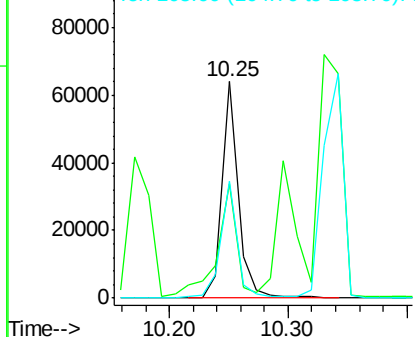


#64  
4,6-Dinitro-2-methylphenol  
Concen: 57.82 ng  
RT: 10.25 min Scan# 758  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion:198 Resp: 59888  
Ion Ratio Lower Upper  
198 100  
51 52.8 11.7 51.7#  
105 53.9 20.3 60.3



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: 51.51 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

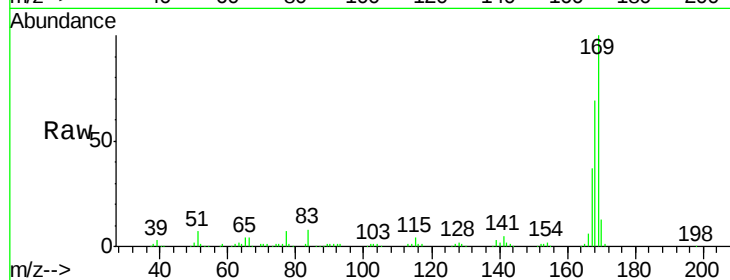
Tot Ion:169 Resp: 329215

Ion Ratio Lower Upper

169 100

168 69.2 53.4 80.0

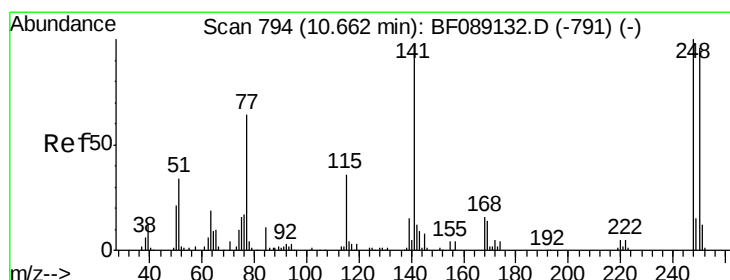
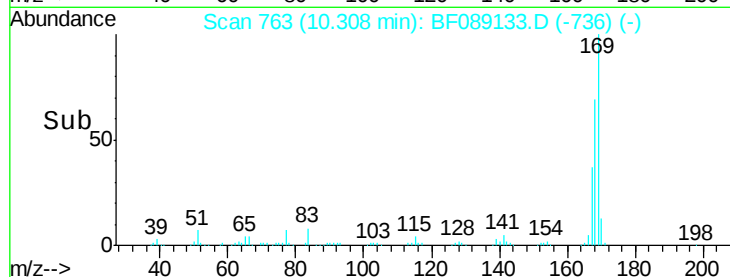
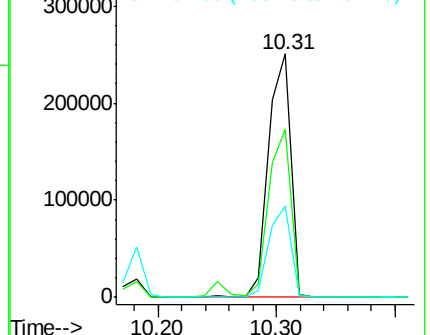
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.59 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

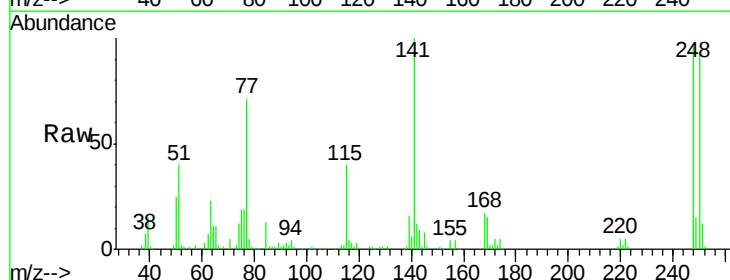
Tgt Ion:248 Resp: 92062

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

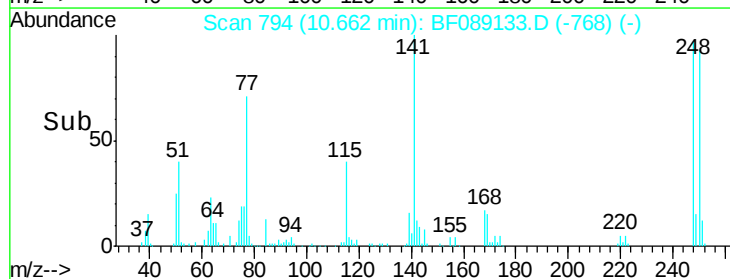
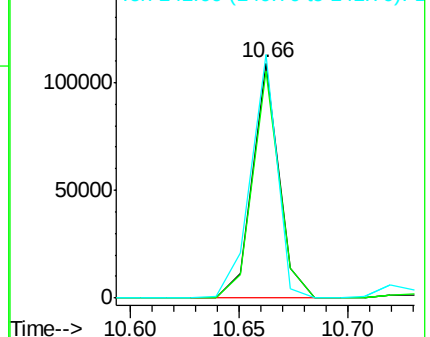
141 103.5 77.4 116.2

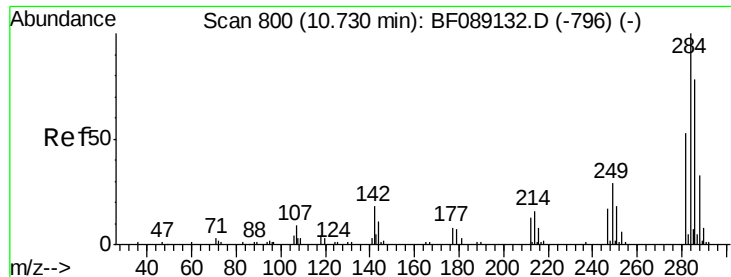


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

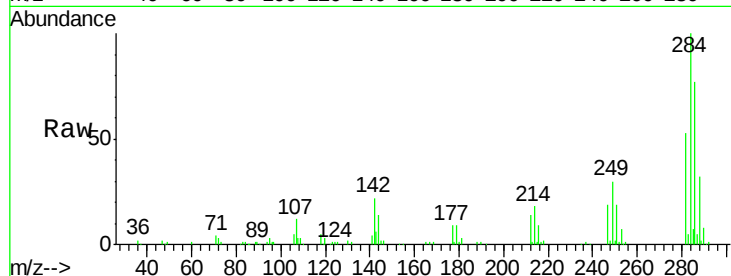




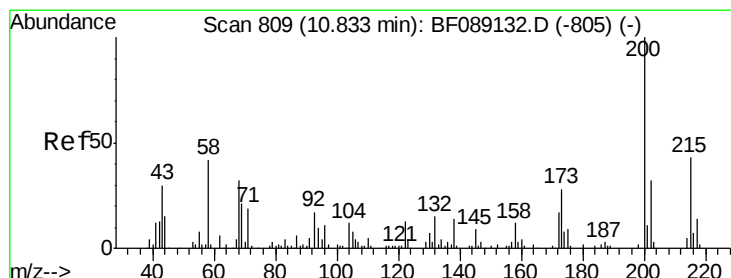
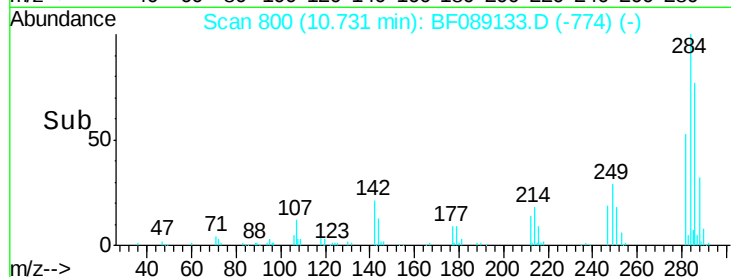
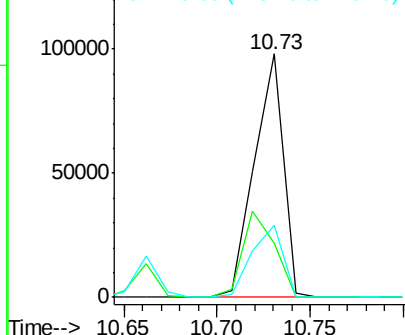
#67  
Hexachlorobenzene  
Concen: 49.81 ng  
RT: 10.73 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:284 Resp: 105120  
Ion Ratio Lower Upper  
284 100  
142 22.1 14.1 21.1#  
249 29.8 23.0 34.4

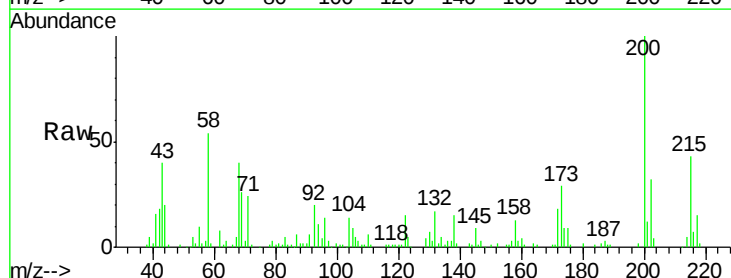


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

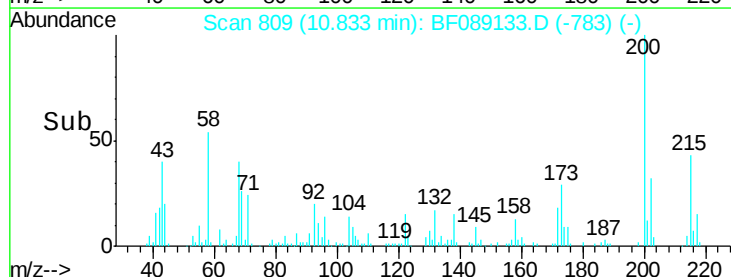
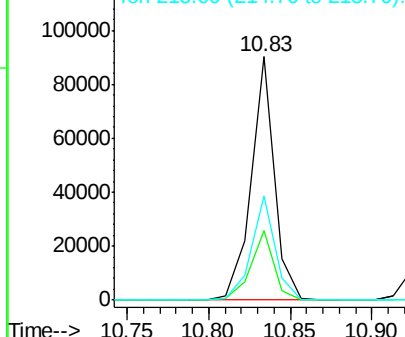


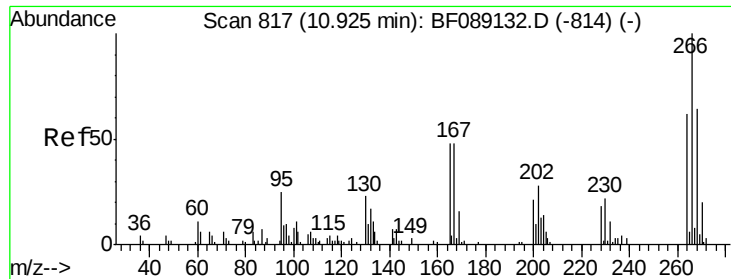
#68  
Atrazine  
Concen: 44.15 ng  
RT: 10.83 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion:200 Resp: 88697  
Ion Ratio Lower Upper  
200 100  
173 28.7 7.8 47.8  
215 42.6 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

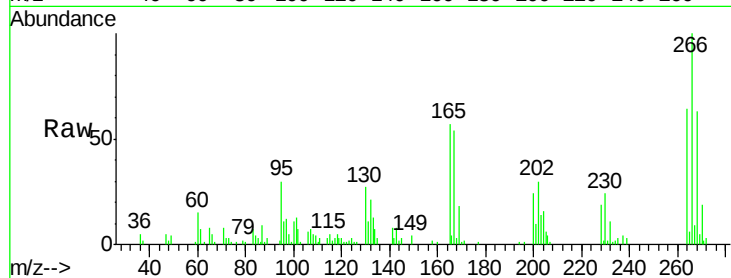




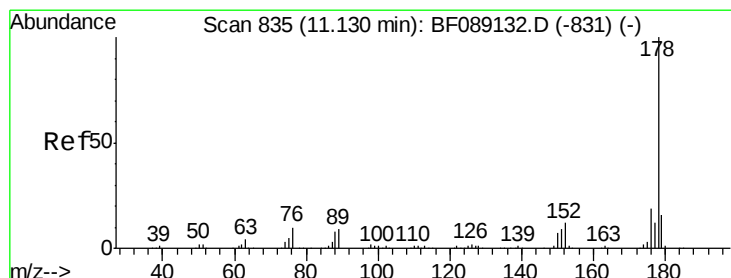
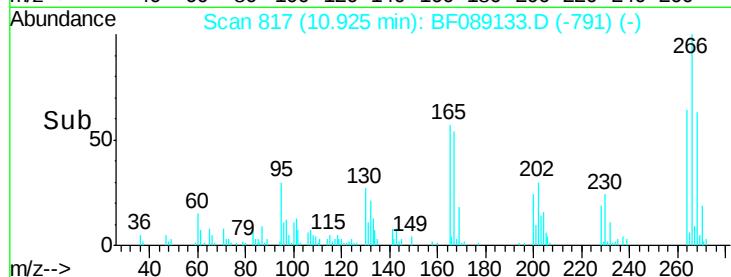
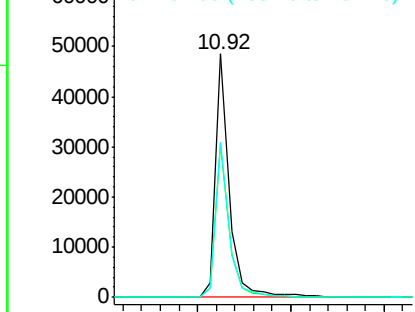
#69  
 Pentachlorophenol  
 Concen: 40.81 ng  
 RT: 10.92 min Scan# 817  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:266 Resp: 49663  
 Ion Ratio Lower Upper  
 266 100  
 268 62.7 51.2 76.8  
 264 63.9 49.7 74.5

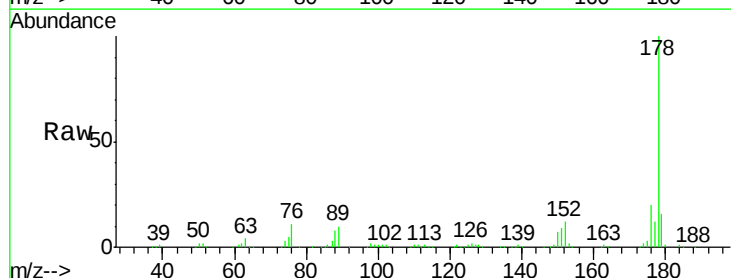


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

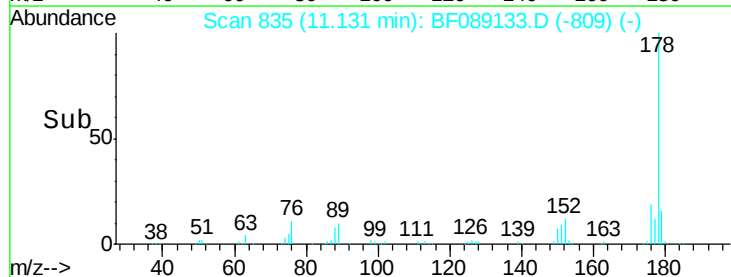
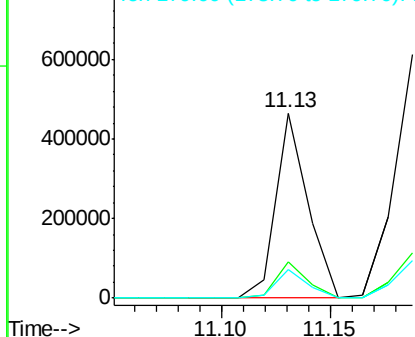


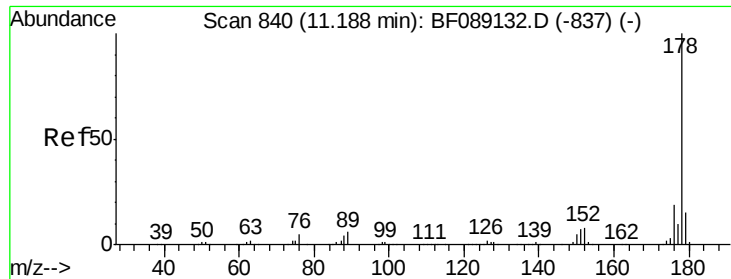
#70  
 Phenanthrene  
 Concen: 45.88 ng  
 RT: 11.13 min Scan# 835  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion:178 Resp: 480290  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.6 23.4  
 179 15.7 12.4 18.6



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

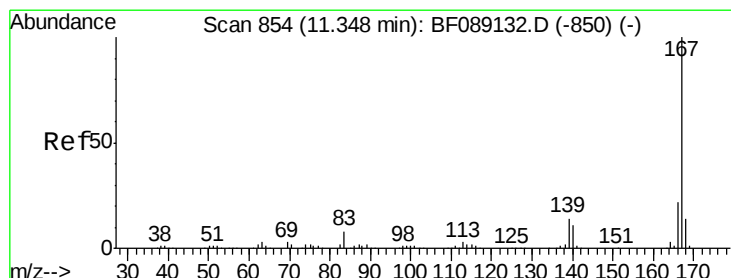
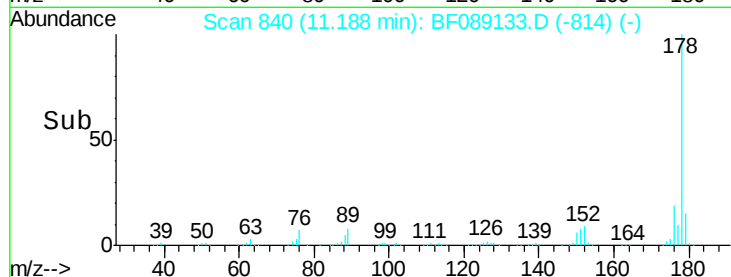
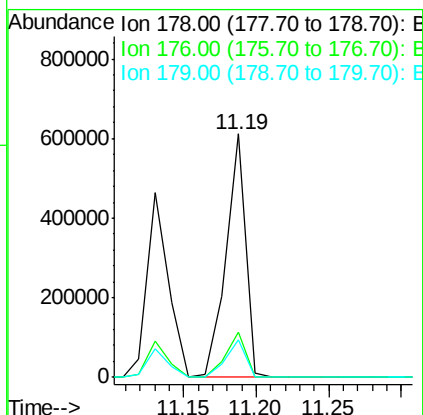
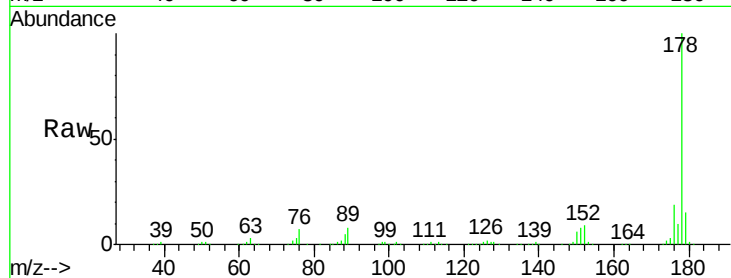




#71  
 Anthracene  
 Concen: 54.62 ng  
 RT: 11.19 min Scan# 840  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

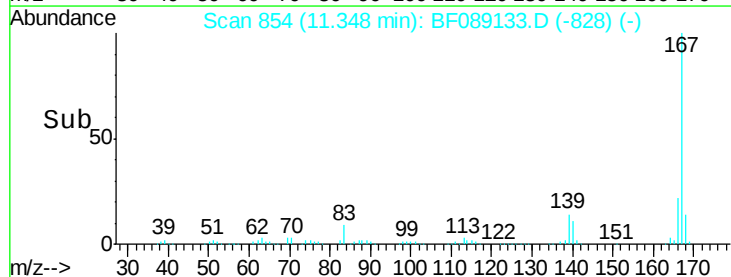
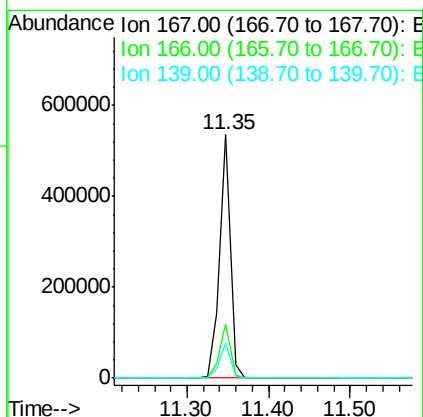
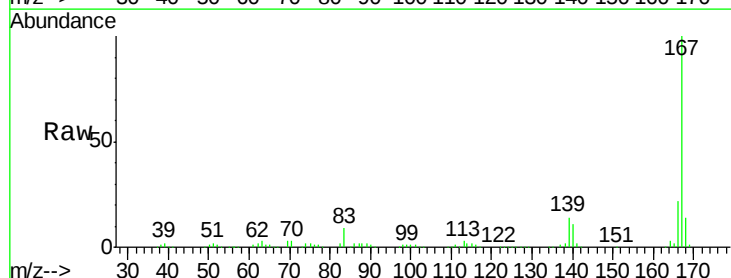
Instrument :  
 BNA\_F  
 ClientSampled :

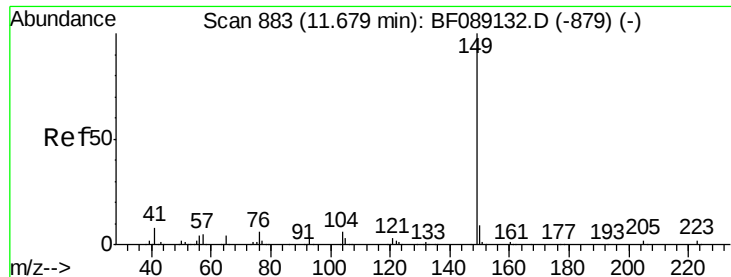
Tot Ion:178 Resp: 574501  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.9 22.3  
 179 15.2 12.0 18.0



#72  
 Carbazole  
 Concen: 49.18 ng  
 RT: 11.35 min Scan# 854  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion:167 Resp: 491819  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.7 26.5  
 139 14.4 11.0 16.4





#73

Di-n-butylphthalate

Concen: 48.85 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

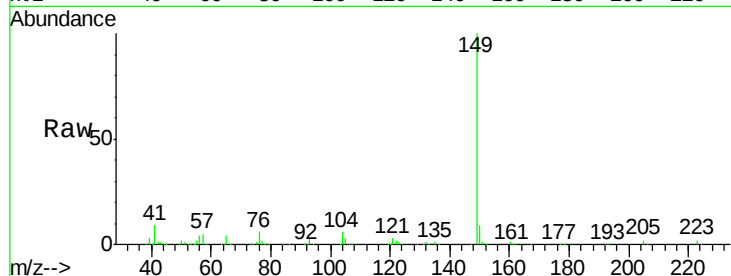
Tot Ion:149 Resp: 558244

Ion Ratio Lower Upper

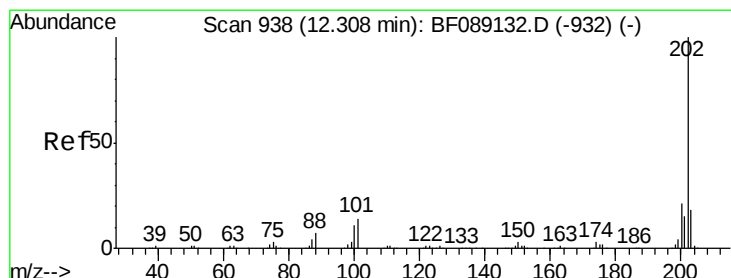
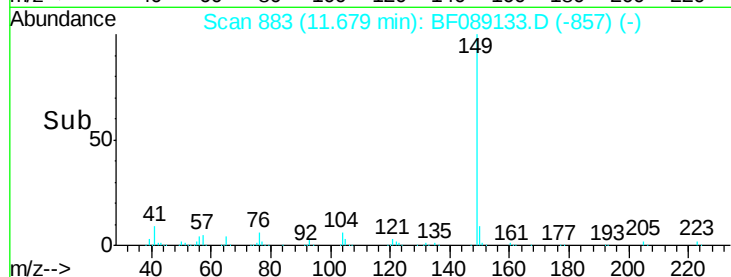
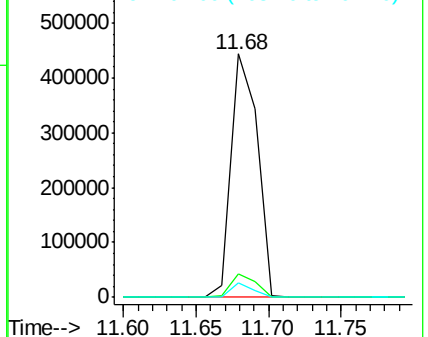
149 100

150 9.5 7.4 11.2

104 5.9 4.6 6.8



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: 48.96 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

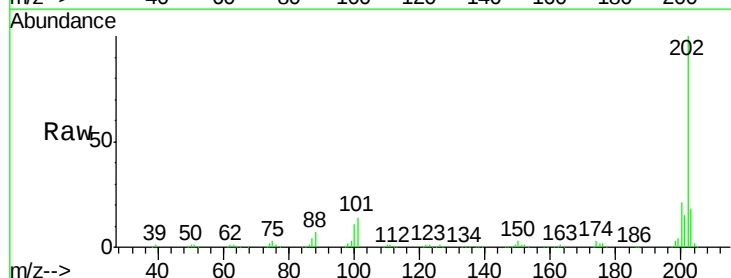
Tgt Ion:202 Resp: 513278

Ion Ratio Lower Upper

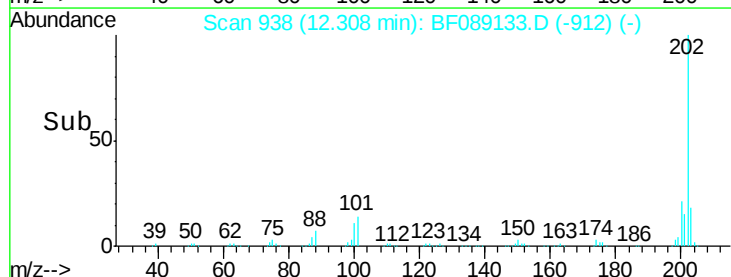
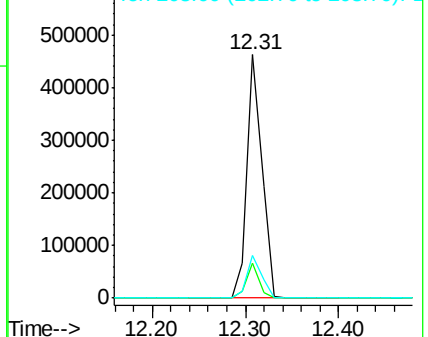
202 100

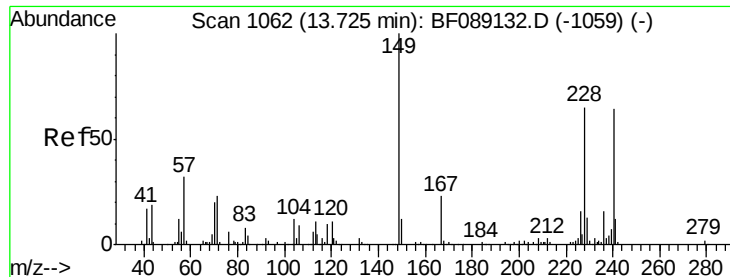
101 14.1 0.0 34.0

203 17.7 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampled :

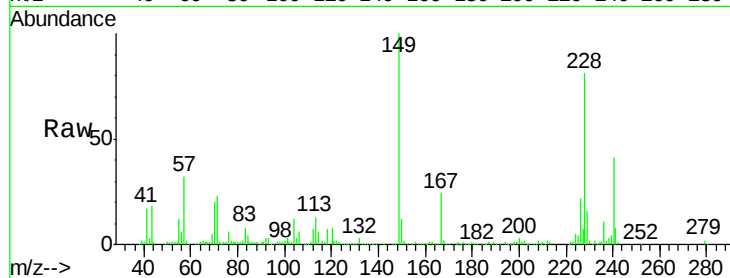
Tot Ion:240 Resp: 129054

Ion Ratio Lower Upper

240 100

120 18.8 13.6 20.4

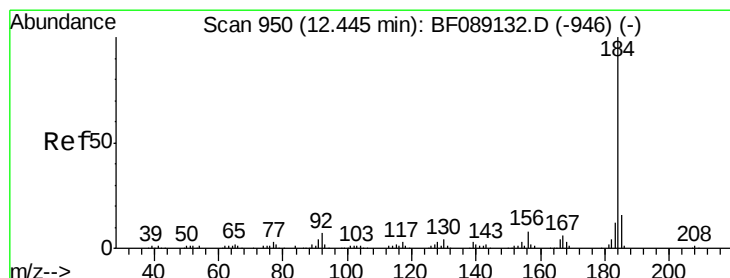
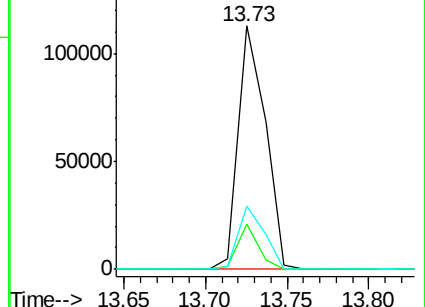
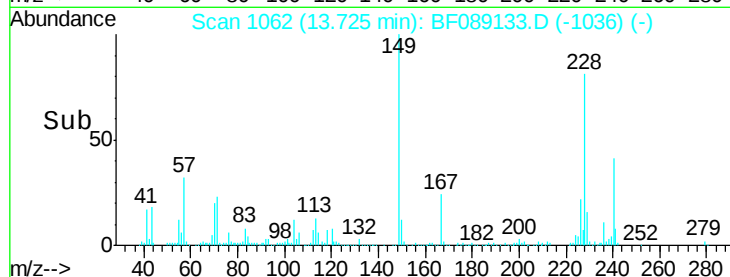
236 26.0 20.5 30.7



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: 36.85 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

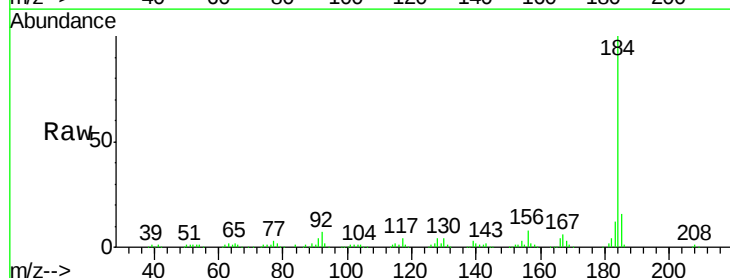
Tgt Ion:184 Resp: 228328

Ion Ratio Lower Upper

184 100

185 16.5 12.5 18.7

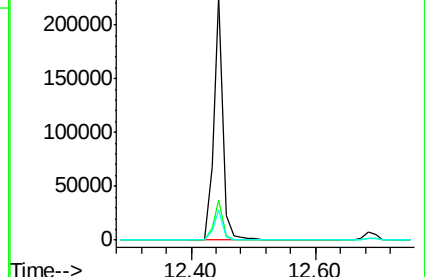
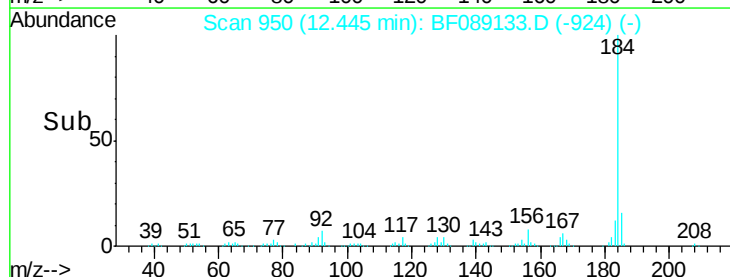
183 12.1 9.6 14.4

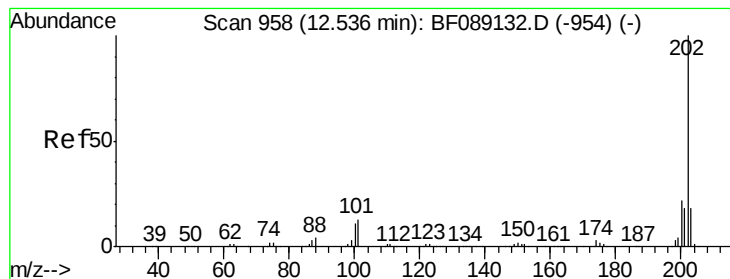


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.14 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :  
BNA\_F  
ClientSampleId :

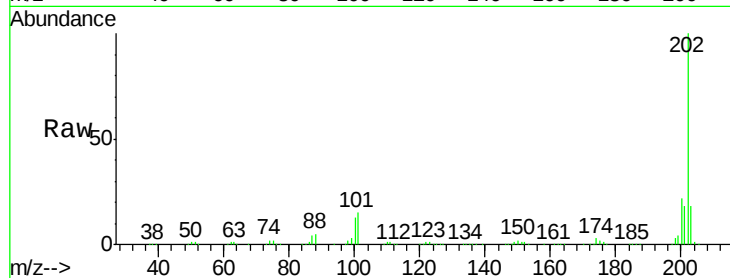
Tot Ion:202 Resp: 543516

Ion Ratio Lower Upper

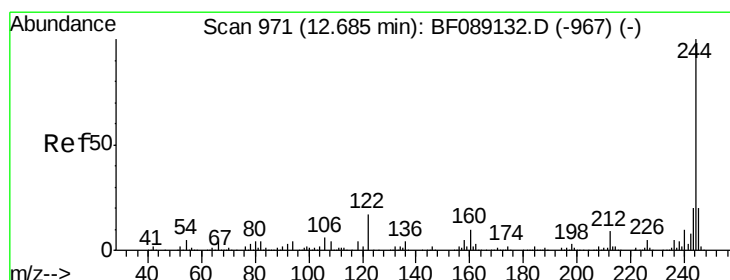
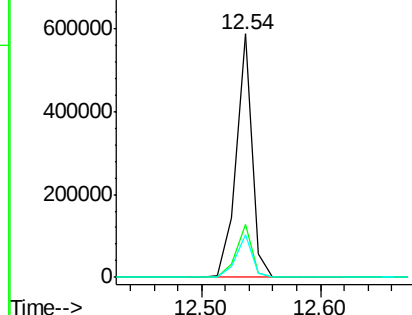
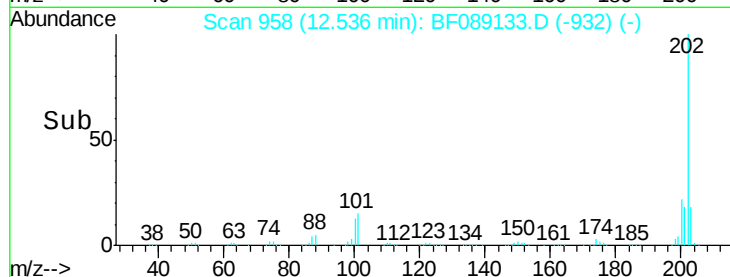
202 100

200 21.5 17.4 26.0

203 17.6 14.2 21.2



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: 109.33 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

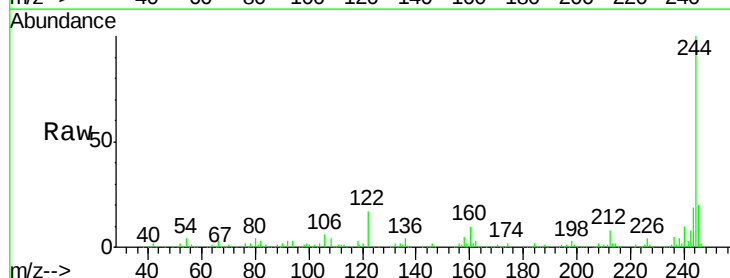
Tgt Ion:244 Resp: 628508

Ion Ratio Lower Upper

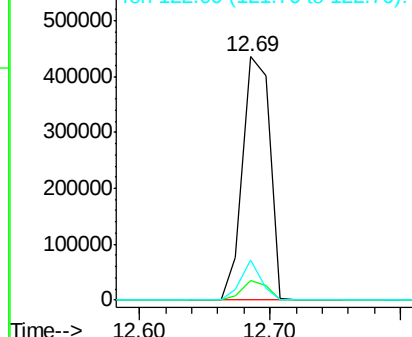
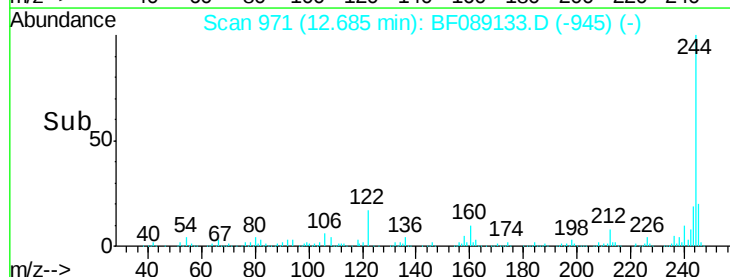
244 100

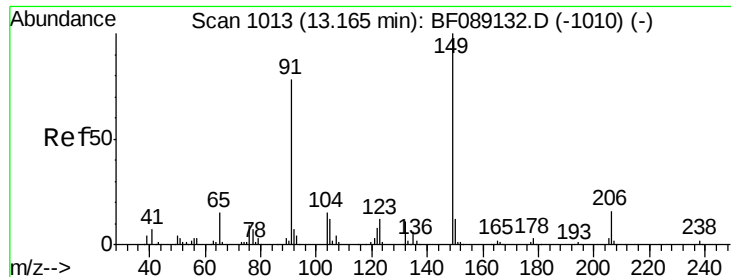
212 8.2 7.0 10.4

122 16.6 13.8 20.8



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

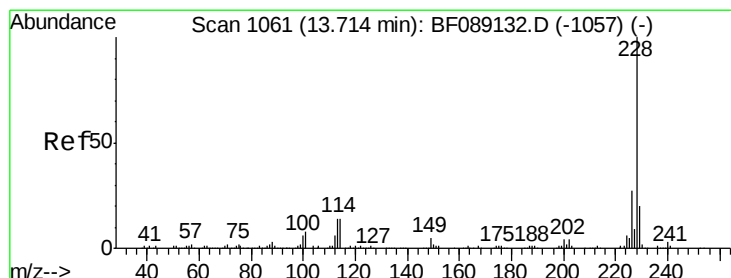
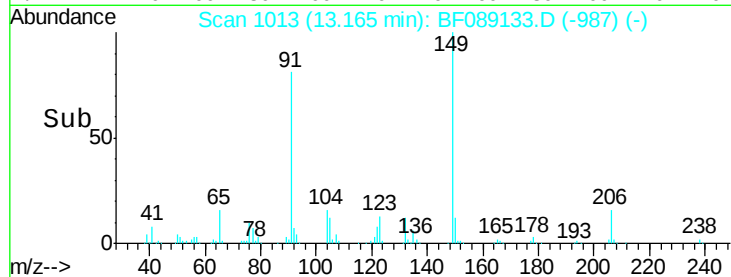
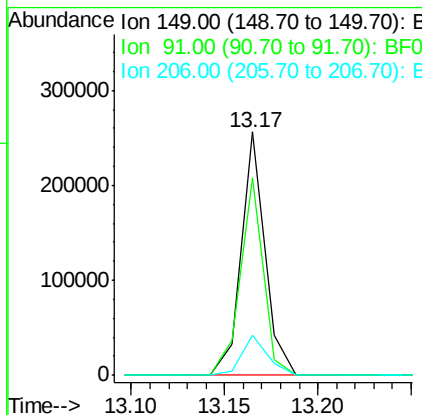
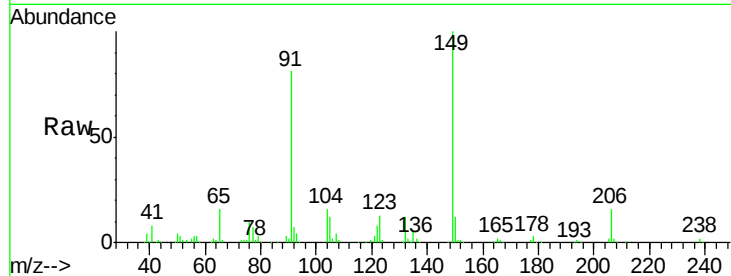




#79  
Butylbenzylphthalate  
Concen: 46.95 ng  
RT: 13.17 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

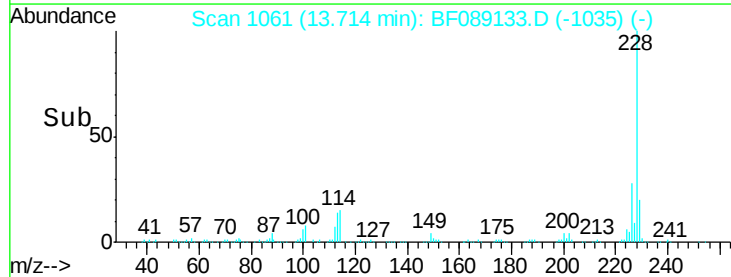
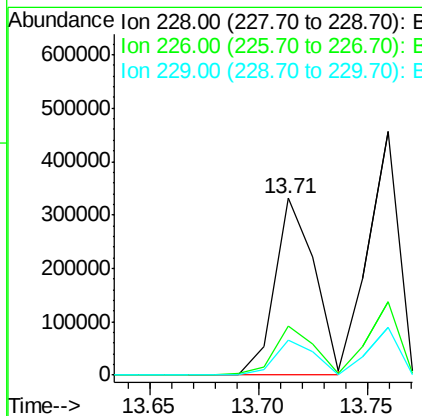
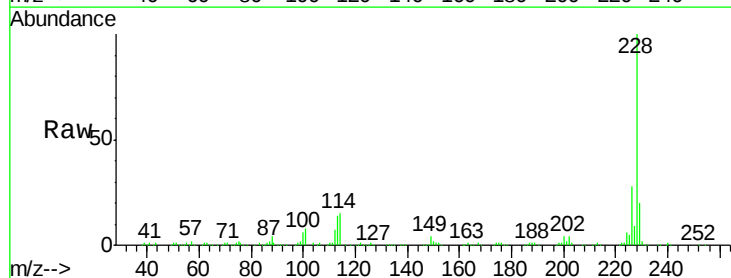
Instrument :  
BNA\_F  
ClientSampleId :

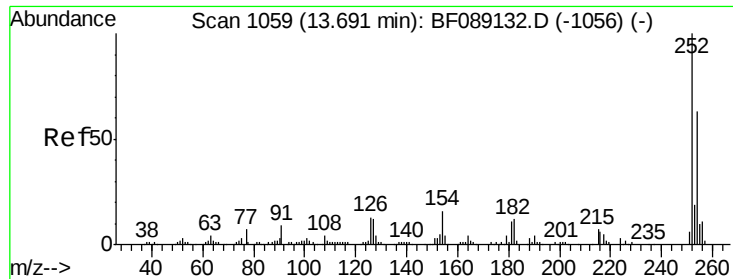
Tot Ion:149 Resp: 226908  
Ion Ratio Lower Upper  
149 100  
91 81.1 62.6 93.8  
206 16.3 13.2 19.8



#80  
Benzo(a)anthracene  
Concen: 51.11 ng  
RT: 13.71 min Scan# 1061  
Delta R.T. 0.00 min  
Lab File: BF089133.D  
Acq: 20 Jul 2016 14:02

Tgt Ion:228 Resp: 422136  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.8 32.8  
229 19.7 15.8 23.8

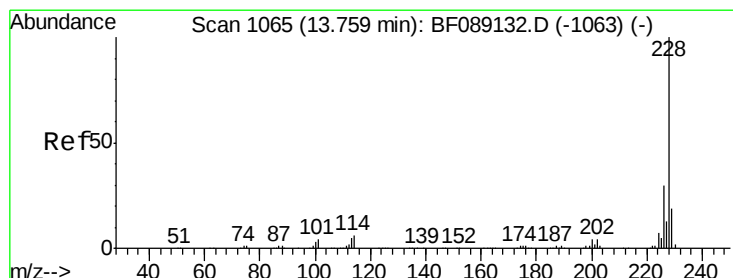
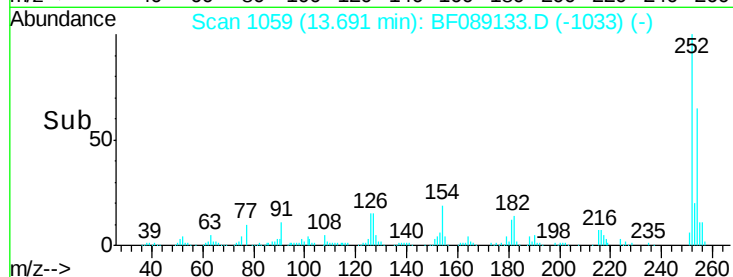
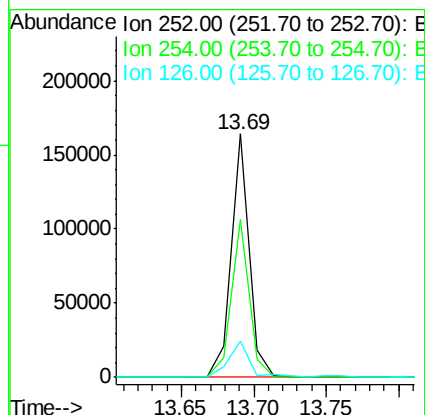
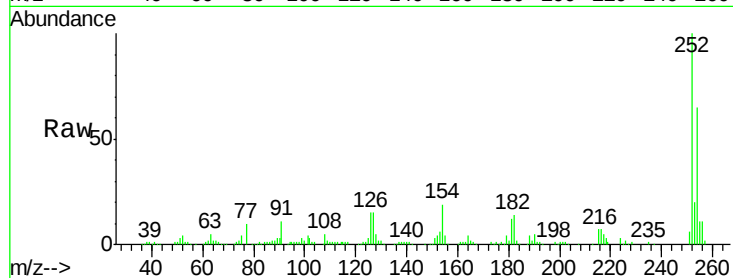




#81  
 3,3'-Dichlorobenzidine  
 Concen: 45.21 ng  
 RT: 13.69 min Scan# 1059  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

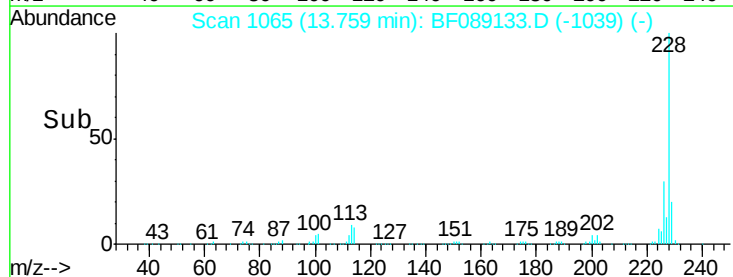
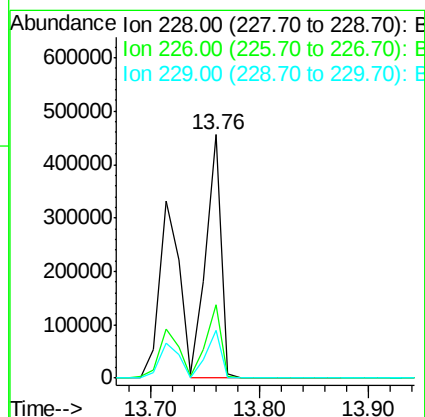
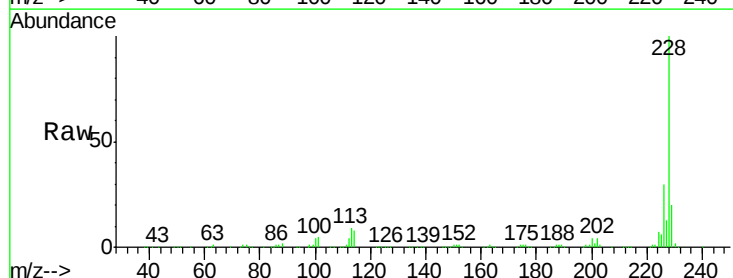
Instrument :  
 BNA\_F  
 ClientSampleId :

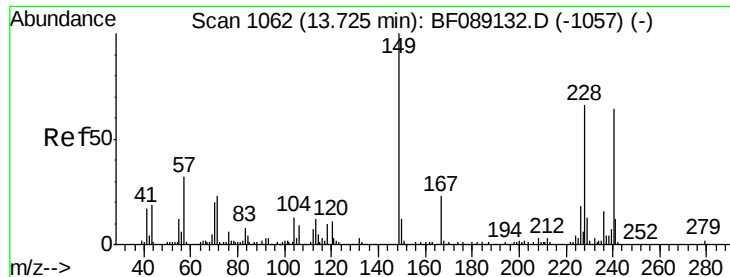
Tot Ion:252 Resp: 141314  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 50.4 75.6  
 126 15.1 10.2 15.2



#82  
 Chrysene  
 Concen: 54.24 ng  
 RT: 13.76 min Scan# 1065  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Tgt Ion:228 Resp: 446064  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 23.8 35.8  
 229 19.6 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.82 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

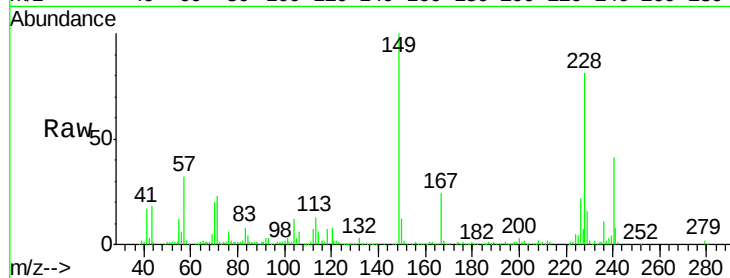
Tot Ion:149 Resp: 304208

Ion Ratio Lower Upper

149 100

167 23.7 18.6 28.0

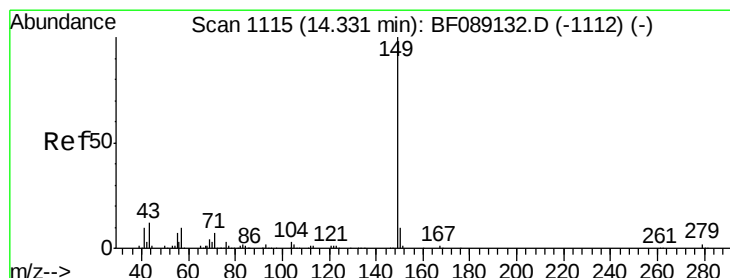
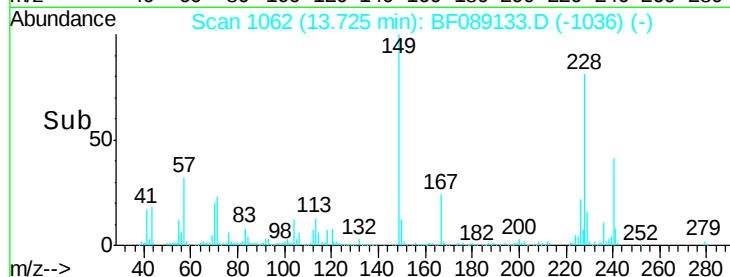
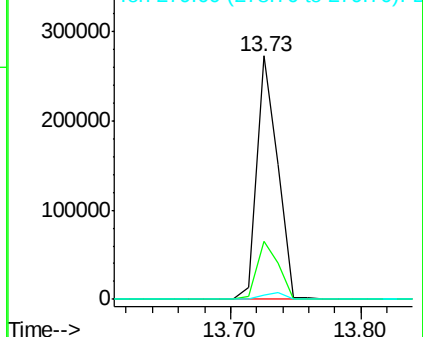
279 1.8 1.6 2.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.69 ng

RT: 14.34 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

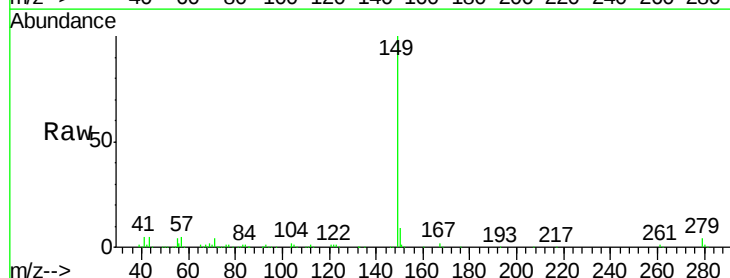
Tgt Ion:149 Resp: 515381

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

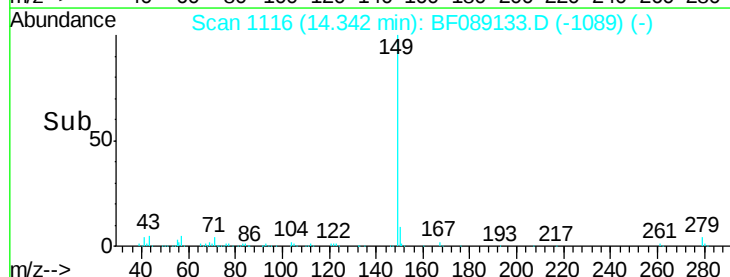
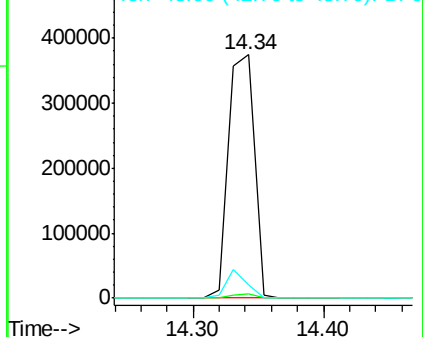
43 8.7 7.3 10.9

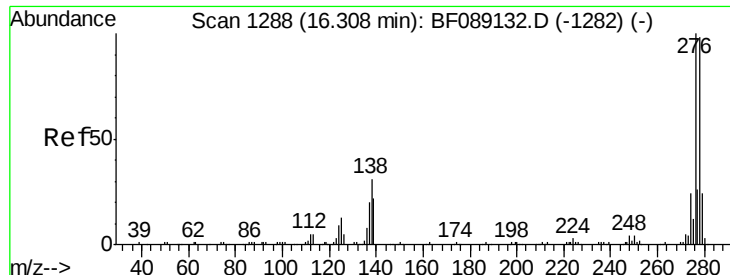


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

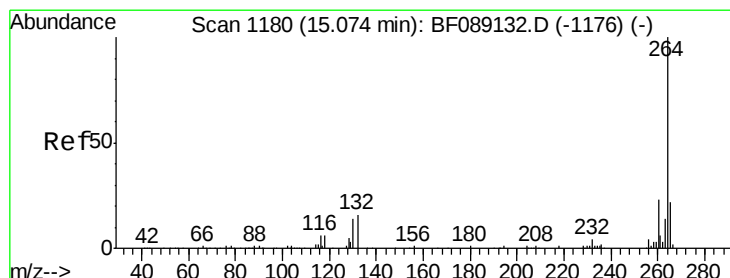
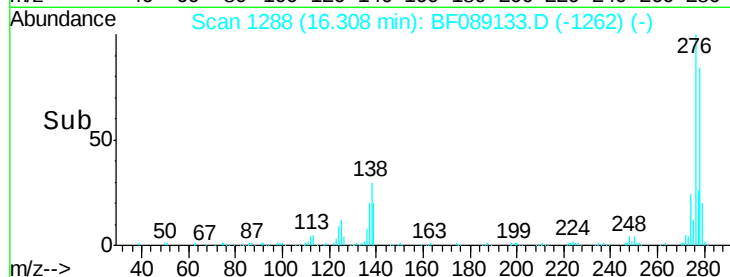
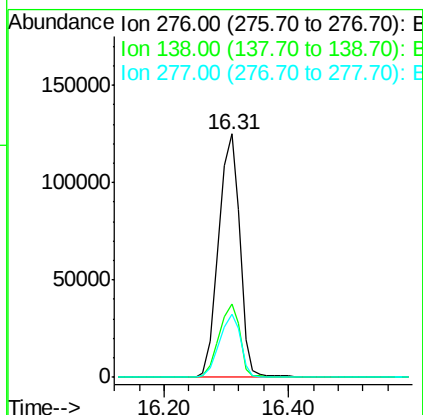
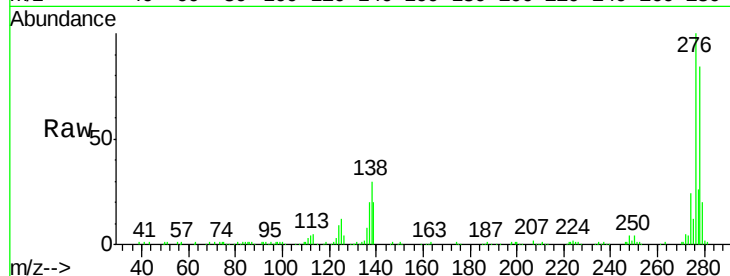




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.89 ng  
 RT: 16.31 min Scan# 1288  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

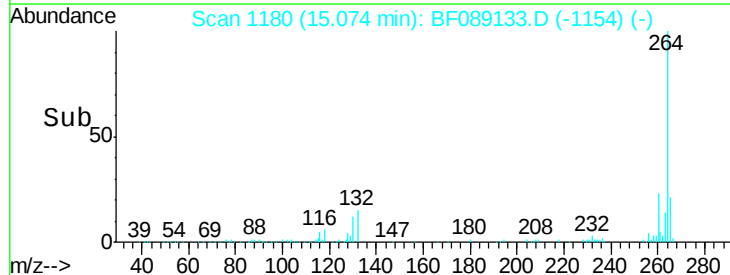
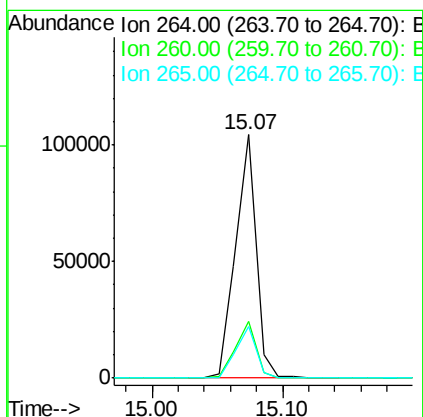
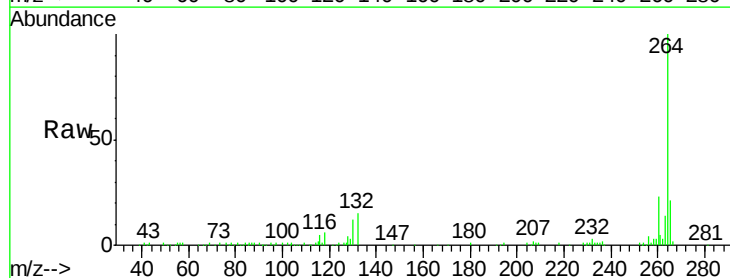
Instrument :  
 BNA\_F  
 ClientSampleId :

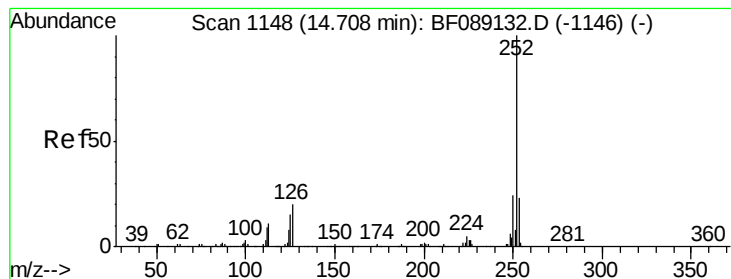
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.7  | 23.7  | 35.5  |
| 277     | 25.9  | 20.6  | 31.0  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.07 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 18.5  | 27.7  |
| 265     | 21.0  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 94.74 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

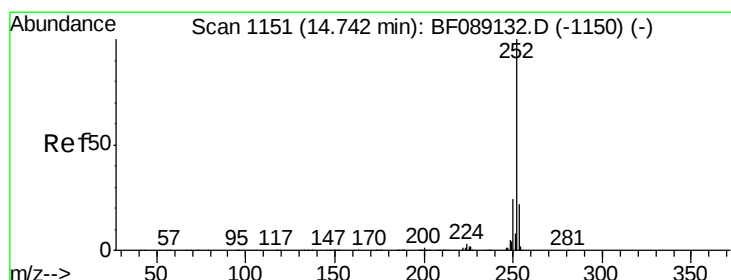
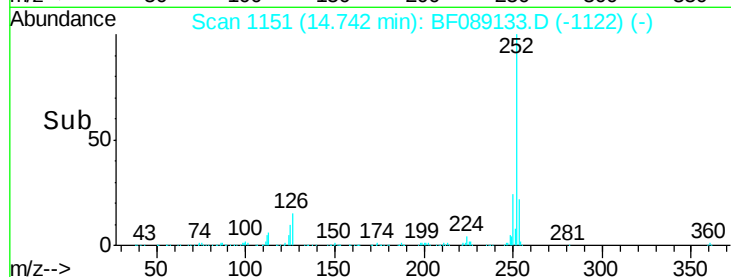
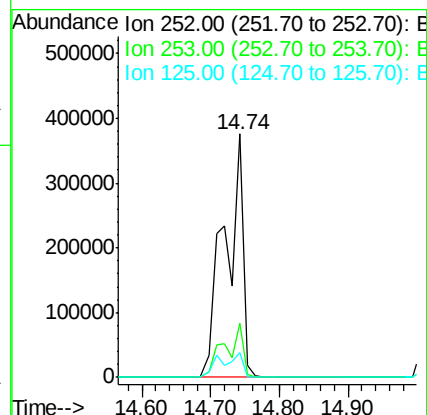
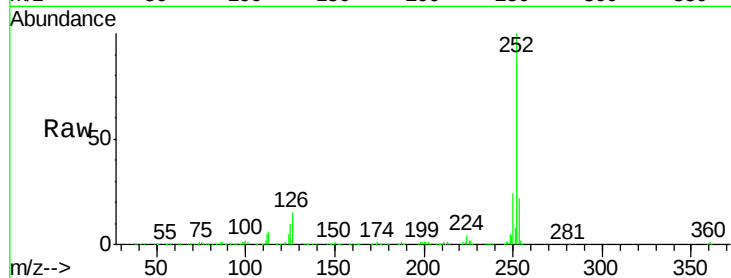
Tot Ion:252 Resp: 709689

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 10.4 11.9 17.9#



#88

Benzo(k)fluoranthene

Concen: 118.79 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

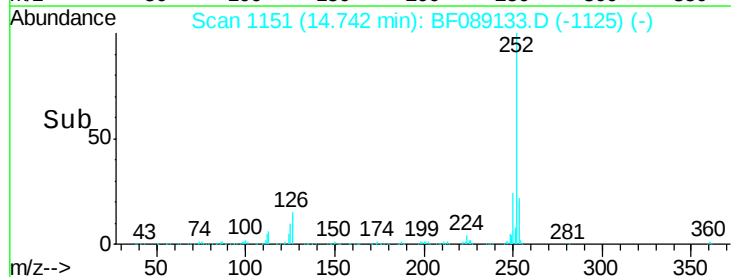
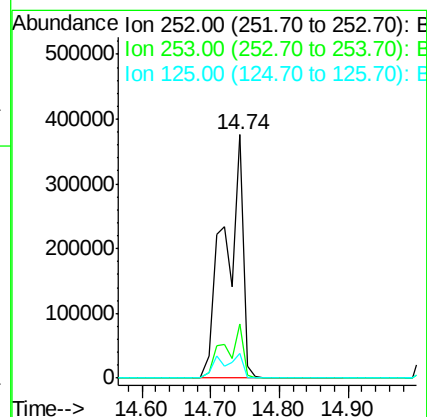
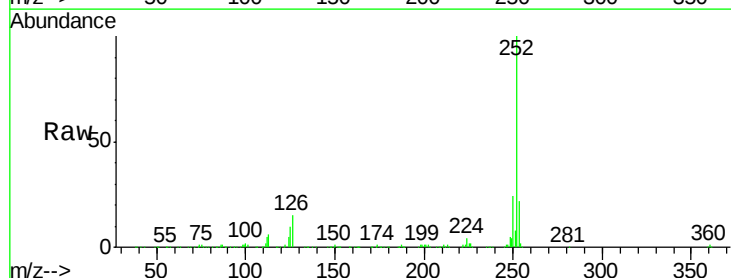
Tgt Ion:252 Resp: 709689

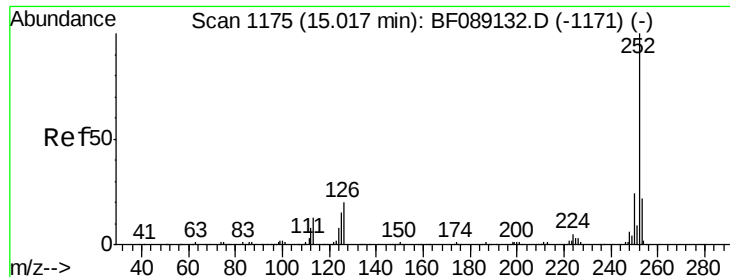
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.4 6.3 9.5#





#89

Benzo(a)pyrene

Concen: 52.47 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

Instrument :

BNA\_F

ClientSampleId :

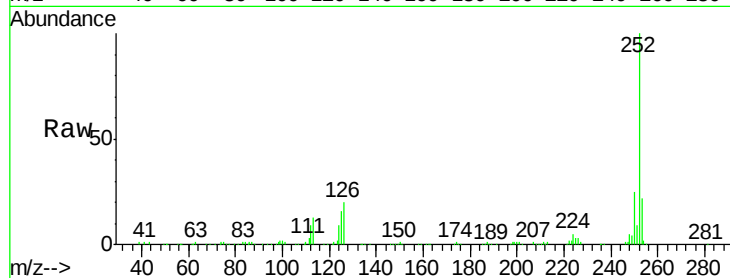
Tot Ion:252 Resp: 317356

Ion Ratio Lower Upper

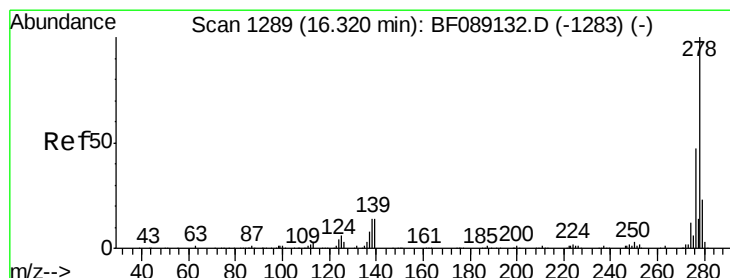
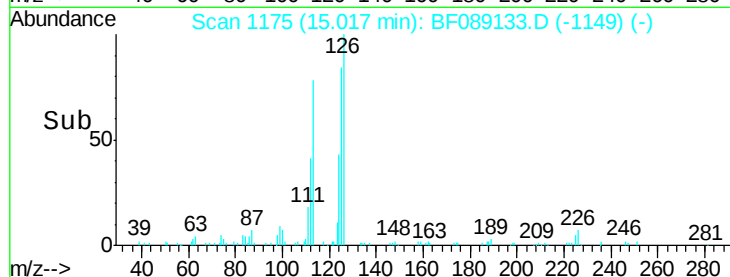
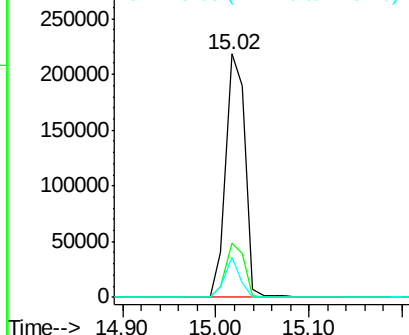
252 100

253 22.0 17.4 26.0

125 16.3 12.4 18.6



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



#90

Dibenzo(a,h)anthracene

Concen: 50.42 ng

RT: 16.32 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF089133.D

Acq: 20 Jul 2016 14:02

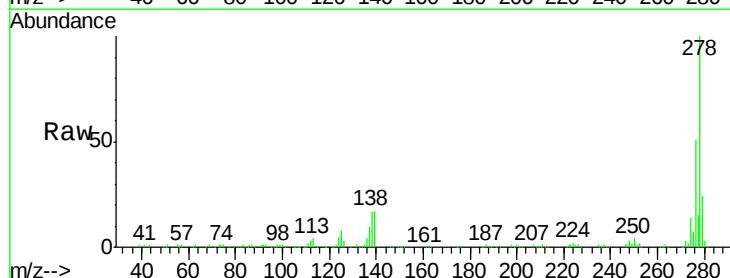
Tgt Ion:278 Resp: 254023

Ion Ratio Lower Upper

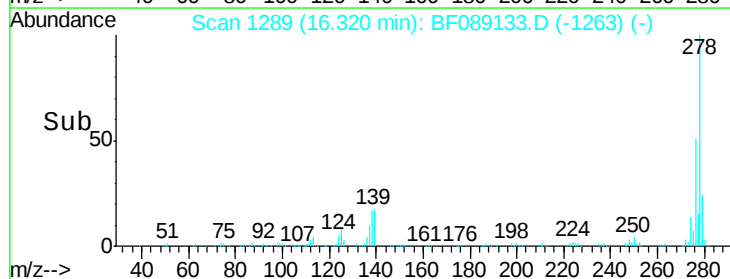
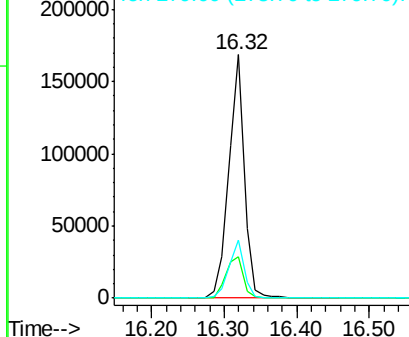
278 100

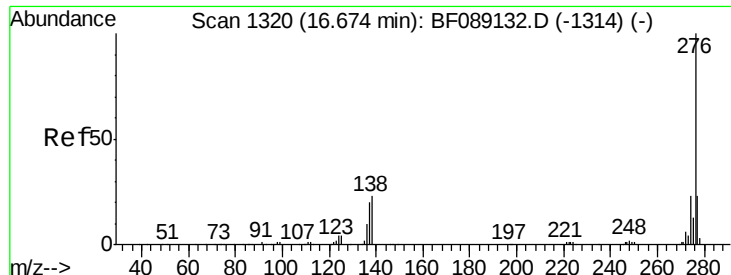
139 16.9 11.4 17.2

279 24.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E

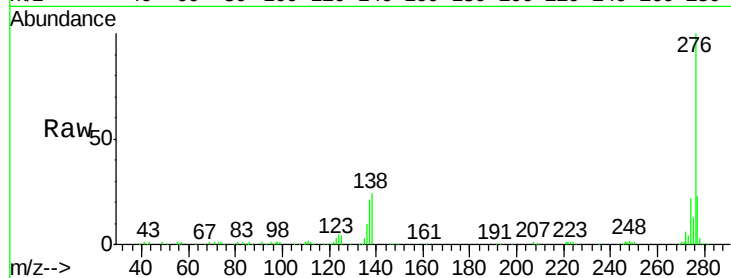




#91  
 Benzo(a,h,i)perylene  
 Concen: 48.91 ng  
 RT: 16.67 min Scan# 1320  
 Delta R.T. 0.00 min  
 Lab File: BF089133.D  
 Acq: 20 Jul 2016 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 18.5  | 27.7  |
| 138     | 24.4  | 18.5  | 27.7  |



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

