

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122716\  
 Data File : BF091970.D  
 Acq On : 27 Dec 2016 16:23  
 Operator : UM/SJ  
 Sample : PB95629BSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

Quant Time: Dec 27 23:58:46 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 16:17:51 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 204361   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.02  | 136  | 863551   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.78  | 164  | 462056   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.25 | 188  | 713701   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 13.89 | 240  | 520888   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.29 | 264  | 438567   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.37  | 112 | 1804469 | 147.43 | ng | 0.02  |
| 7) Phenol-d6                | 6.42  | 99  | 2067739 | 138.38 | ng | 0.01  |
| 23) Nitrobenzene-d5         | 7.30  | 82  | 1294153 | 83.33  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 10.57 | 330 | 417342  | 109.14 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.10  | 172 | 2255086 | 102.68 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.84 | 244 | 1772910 | 82.55  | ng | -0.01 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.33 | 88  | 261774  | 43.44  | ng | 99   |
| 3) Pyridine                    | 3.00 | 79  | 624959  | 29.72  | ng | 95   |
| 4) n-Nitrosodimethylamine      | 2.96 | 42  | 355846  | 44.86  | ng | 98   |
| 6) Aniline                     | 6.41 | 93  | 249199  | 12.84  | ng | # 79 |
| 8) 2-Chlorophenol              | 6.53 | 128 | 594316  | 42.69  | ng | 87   |
| 9) Benzaldehyde                | 6.27 | 77  | 65410   | 5.71   | ng | 97   |
| 10) Phenol                     | 6.43 | 94  | 698318  | 41.01  | ng | # 65 |
| 11) bis(2-Chloroethyl)ether    | 6.48 | 93  | 758107  | 55.96  | ng | 88   |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 629456  | 42.35  | ng | 97   |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 629456  | 41.61  | ng | 95   |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 526684  | 40.13  | ng | 96   |
| 15) Benzyl Alcohol             | 6.89 | 79  | 371405  | 31.99  | ng | 94   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.01 | 45  | 829422  | 41.11  | ng | 82   |
| 17) 2-Methylphenol             | 7.02 | 107 | 488614  | 43.64  | ng | # 88 |
| 18) Hexachloroethane           | 7.24 | 117 | 234005  | 41.72  | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 491914  | 49.48  | ng | 95   |
| 20) 3+4-Methylphenols          | 7.18 | 107 | 693280  | 51.91  | ng | # 73 |
| 22) Acetophenone               | 7.15 | 105 | 909750  | 42.71  | ng | # 91 |
| 24) Nitrobenzene               | 7.32 | 77  | 689043  | 41.66  | ng | 96   |
| 25) Isophorone                 | 7.56 | 82  | 1139948 | 39.79  | ng | 95   |
| 26) 2-Nitrophenol              | 7.64 | 139 | 353818  | 43.38  | ng | 89   |
| 27) 2,4-Dimethylphenol         | 7.70 | 122 | 496411  | 36.69  | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 763520  | 43.94  | ng | 100  |
| 29) 2,4-Dichlorophenol         | 7.90 | 162 | 509461  | 44.47  | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 7.96 | 180 | 514295  | 40.97  | ng | 95   |
| 31) Naphthalene                | 8.04 | 128 | 1679759 | 42.50  | ng | 100  |
| 32) Benzoic acid               | 7.85 | 122 | 308942  | 30.79  | ng | 97   |
| 33) 4-Chloroaniline            | 8.14 | 127 | 137357  | 7.71   | ng | 98   |
| 34) Hexachlorobutadiene        | 8.16 | 225 | 281724  | 42.51  | ng | 99   |
| 35) Caprolactam                | 8.48 | 113 | 112348  | 29.84  | ng | # 59 |
| 36) 4-Chloro-3-methylphenol    | 8.61 | 107 | 505927  | 38.38  | ng | 97   |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 1118403 | 47.74  | ng | 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 447135  | 38.30  | ng | # 98 |
| 40) Hexachlorocyclopentadiene  | 8.89 | 237 | 420550  | 80.85  | ng | 95   |

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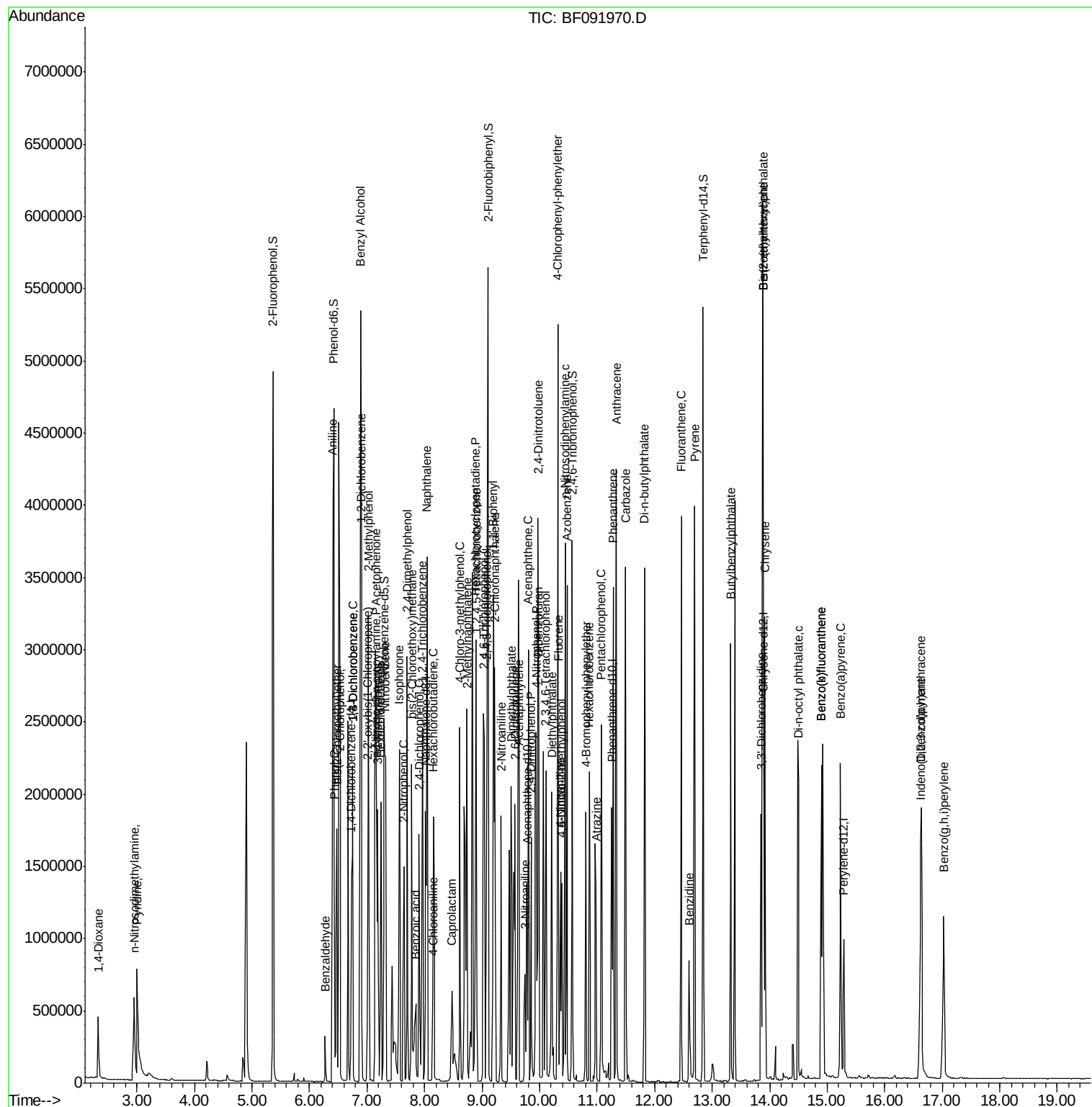
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.02  | 196  | 327095   | 40.06 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 9.08  | 196  | 322479   | 38.38 | ng    | # 90     |
| 45) 1,1'-Biphenyl              | 9.20  | 154  | 1263644  | 39.94 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.22  | 162  | 984790   | 39.31 | ng    | 93       |
| 47) 2-Nitroaniline             | 9.33  | 65   | 370571   | 41.54 | ng    | # 78     |
| 48) Acenaphthylene             | 9.64  | 152  | 1547154  | 40.15 | ng    | 98       |
| 49) Dimethylphthalate          | 9.50  | 163  | 1224612  | 41.44 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 9.57  | 165  | 300209   | 46.41 | ng    | 99       |
| 51) Acenaphthene               | 9.80  | 154  | 978592   | 37.46 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.74  | 138  | 157938   | 19.73 | ng    | 80       |
| 53) 2,4-Dinitrophenol          | 9.85  | 184  | 223189   | 62.01 | ng    | # 51     |
| 54) Dibenzofuran               | 9.98  | 168  | 1431578  | 40.58 | ng    | 95       |
| 55) 4-Nitrophenol              | 9.94  | 139  | 365800   | 67.30 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 9.97  | 165  | 322821   | 39.76 | ng    | # 83     |
| 57) Fluorene                   | 10.33 | 166  | 1094211  | 42.63 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 282521   | 42.51 | ng    | 99       |
| 59) Diethylphthalate           | 10.21 | 149  | 1209103  | 42.13 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.32 | 204  | 483090   | 42.99 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.36 | 138  | 282008   | 34.00 | ng    | 100      |
| 62) Azobenzene                 | 10.48 | 77   | 1418864  | 44.90 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.38 | 198  | 192319   | 44.56 | ng    | 76       |
| 65) n-Nitrosodiphenylamine     | 10.44 | 169  | 1007793  | 47.59 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.81 | 248  | 344842   | 46.45 | ng    | # 84     |
| 67) Hexachlorobenzene          | 10.86 | 284  | 324635   | 40.91 | ng    | # 79     |
| 68) Atrazine                   | 10.98 | 200  | 300005   | 43.92 | ng    | 95       |
| 69) Pentachlorophenol          | 11.07 | 266  | 299736   | 76.98 | ng    | 98       |
| 70) Phenanthrene               | 11.28 | 178  | 1513284  | 39.10 | ng    | 99       |
| 71) Anthracene                 | 11.33 | 178  | 1696167  | 52.34 | ng    | 99       |
| 72) Carbazole                  | 11.49 | 167  | 1351530  | 40.66 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.82 | 149  | 1687087  | 46.11 | ng    | 99       |
| 74) Fluoranthene               | 12.46 | 202  | 1574474  | 46.50 | ng    | 97       |
| 76) Benzidine                  | 12.60 | 184  | 628732   | 48.20 | ng    | 97       |
| 77) Pyrene                     | 12.69 | 202  | 1670154  | 43.70 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.32 | 149  | 776007   | 44.65 | ng    | 88       |
| 80) Benzo(a)anthracene         | 13.88 | 228  | 1267909  | 43.12 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.85 | 252  | 373520   | 33.50 | ng    | 98       |
| 82) Chrysene                   | 13.92 | 228  | 1073674  | 36.40 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.88 | 149  | 900095   | 43.97 | ng    | # 99     |
| 84) Di-n-octyl phthalate       | 14.50 | 149  | 1627700  | 42.93 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 1107548  | 43.35 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 14.90 | 252  | 2160203  | 79.11 | ng    | # 97     |
| 88) Benzo(k)fluoranthene       | 14.90 | 252  | 2160203  | 92.78 | ng    | 97       |
| 89) Benzo(a)pyrene             | 15.23 | 252  | 1028641  | 42.45 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.64 | 278  | 900419   | 45.20 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 17.03 | 276  | 931701   | 44.98 | ng    | 97       |

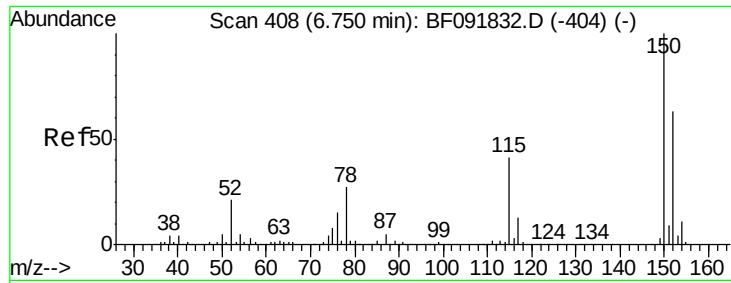
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

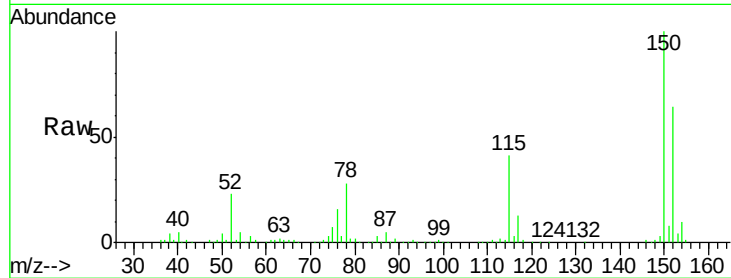
Tgt Ion:152 Resp: 204361

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

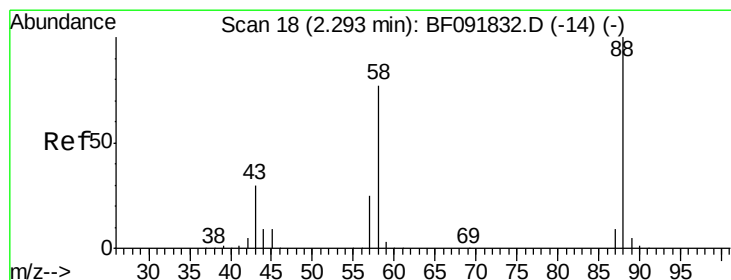
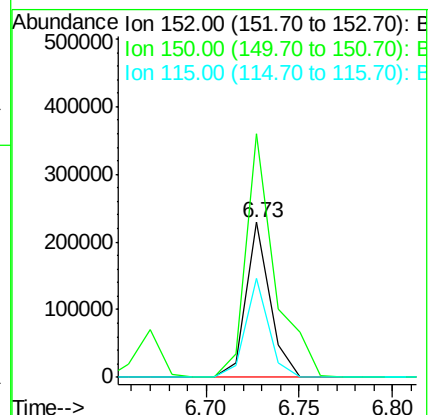
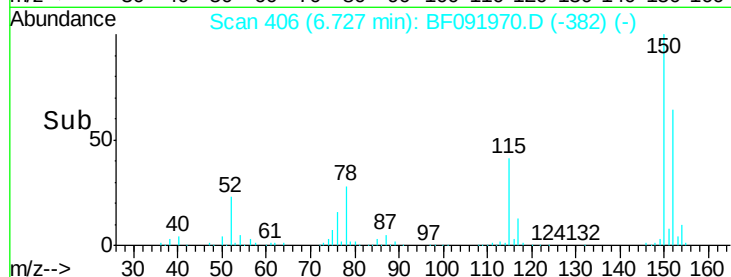
115 63.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.44 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

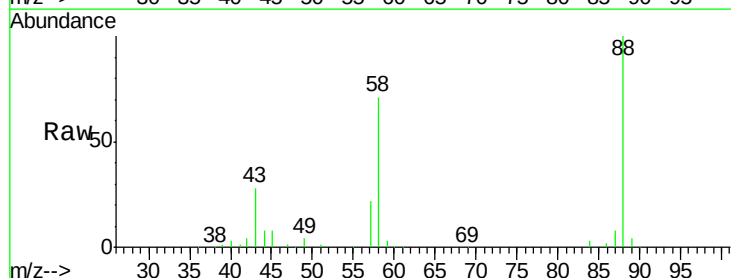
Tgt Ion: 88 Resp: 261774

Ion Ratio Lower Upper

88 100

58 73.6 57.8 86.8

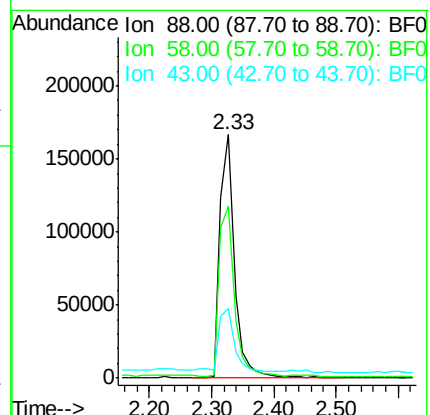
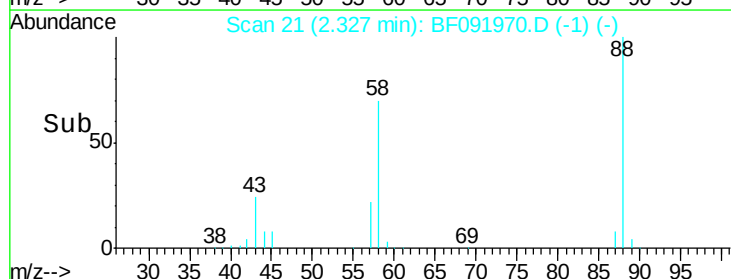
43 27.2 22.3 33.5

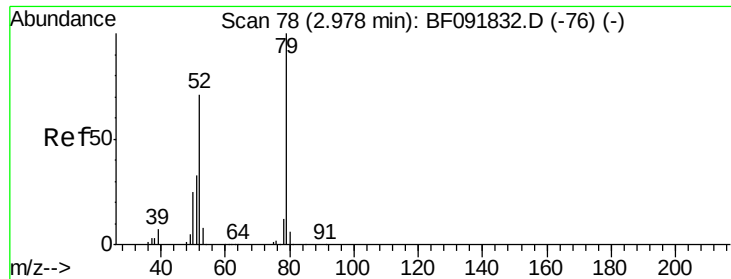


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.72 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

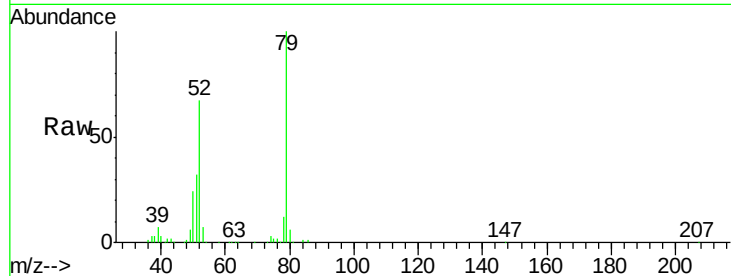
Tgt Ion: 79 Resp: 624959

Ion Ratio Lower Upper

79 100

52 66.6 57.1 85.7

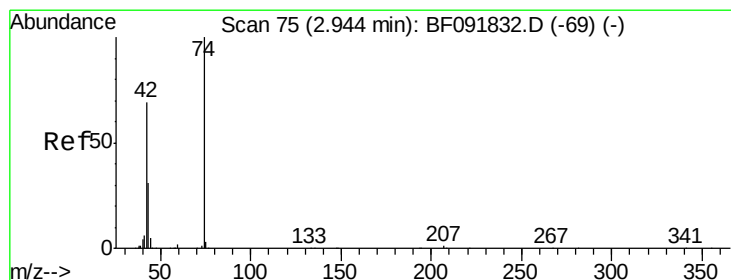
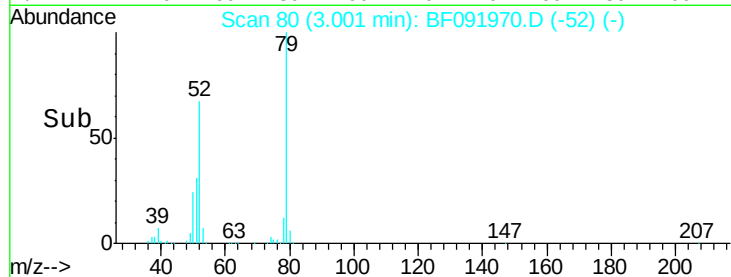
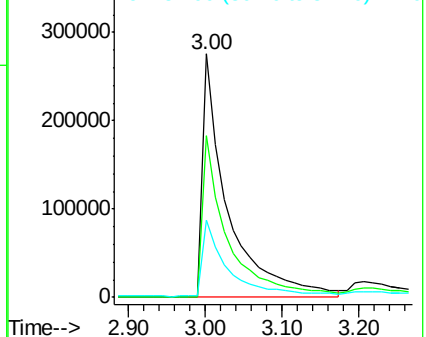
51 31.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.86 ng

RT: 2.96 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

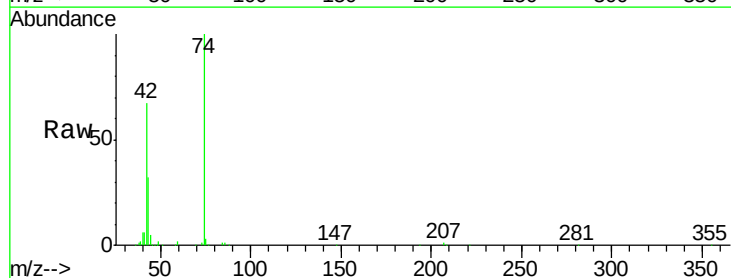
Tgt Ion: 42 Resp: 355846

Ion Ratio Lower Upper

42 100

74 148.4 117.0 175.4

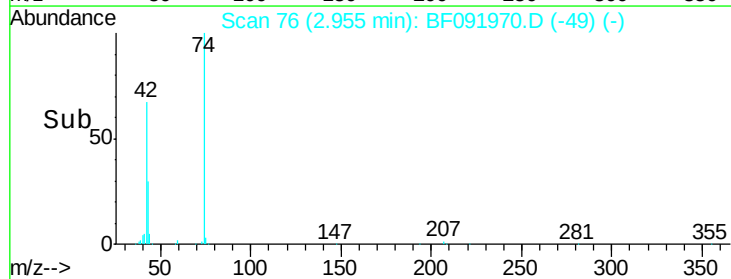
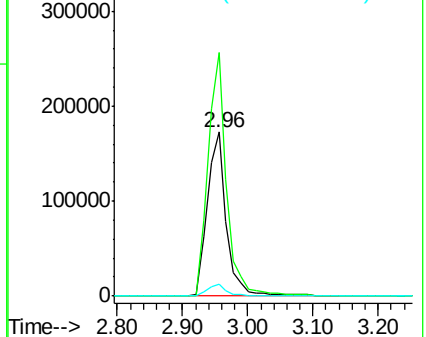
44 6.9 5.5 8.3

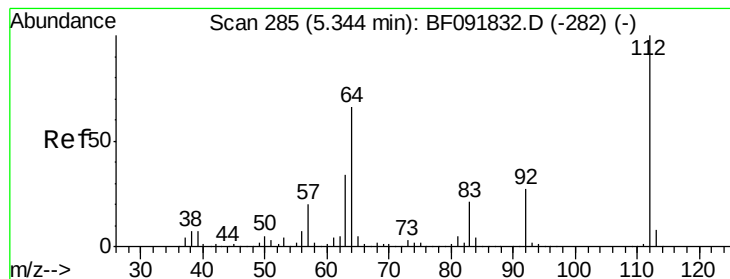


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 147.43 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091970.D

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Instrument :

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ClientSampleId :

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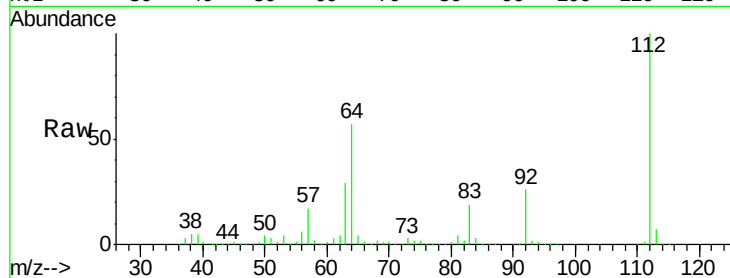
Tgt Ion: 112 Resp: 1804469

Ion Ratio Lower Upper

112 100

64 56.7 46.1 69.1

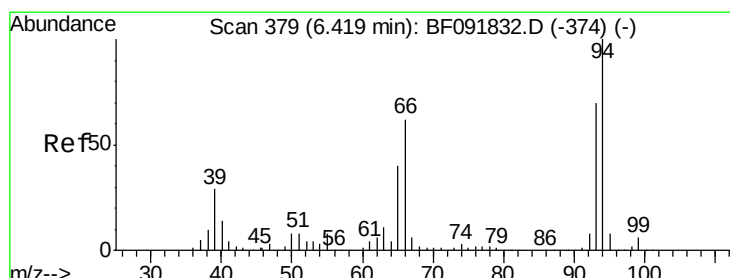
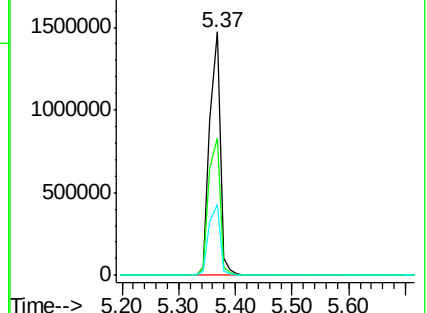
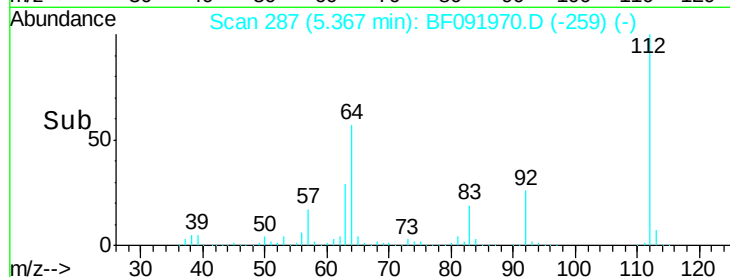
63 29.3 23.8 35.6



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: 12.84 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

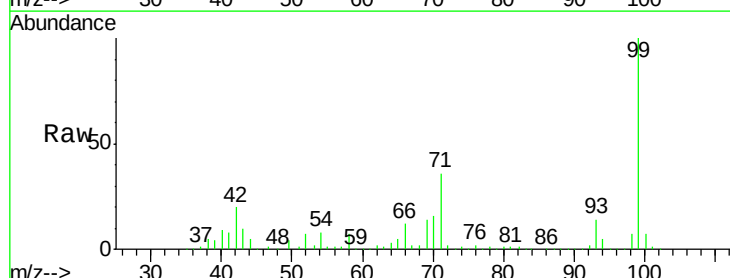
Tgt Ion: 93 Resp: 249199

Ion Ratio Lower Upper

93 100

66 84.1 76.2 114.2

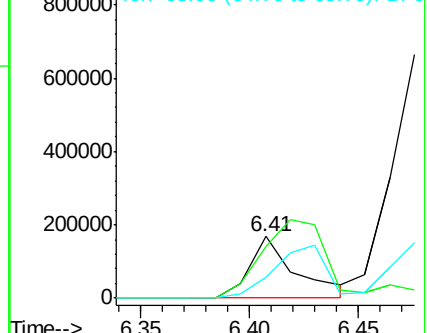
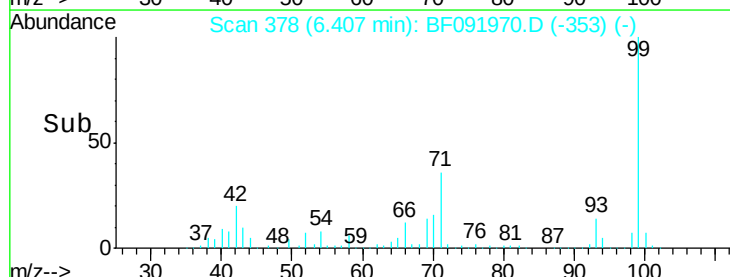
65 34.7 49.3 73.9#

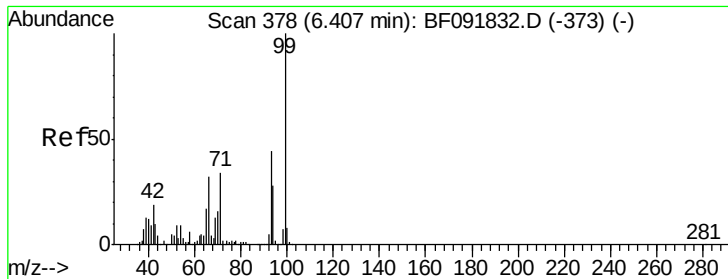


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.38 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

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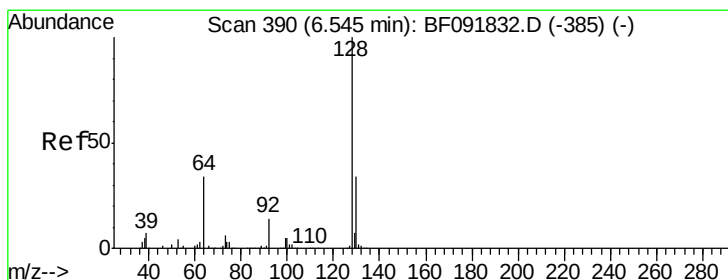
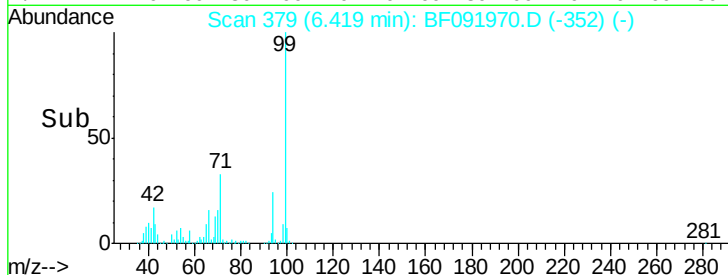
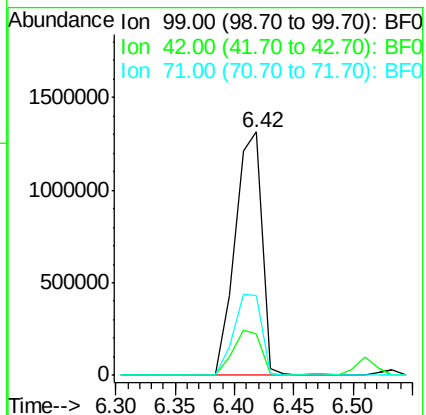
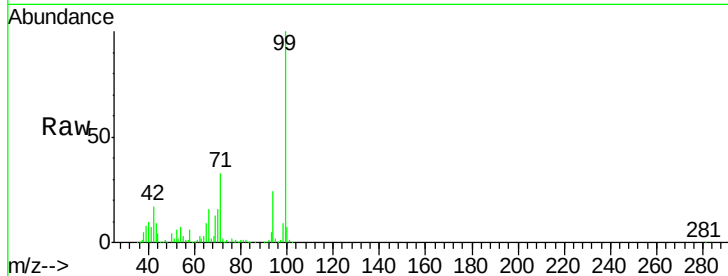
Tgt Ion: 99 Resp: 2067739

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 32.7 27.5 41.3



#8

2-Chlorophenol

Concen: 42.69 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

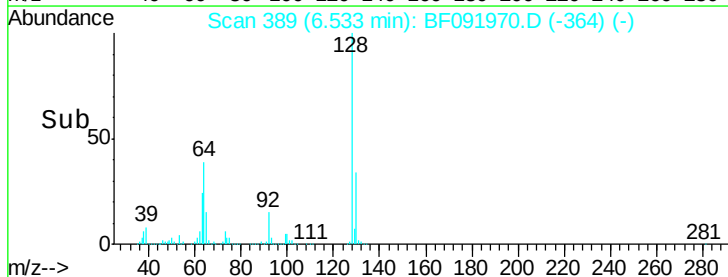
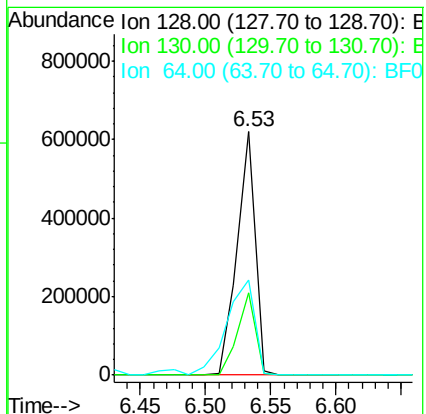
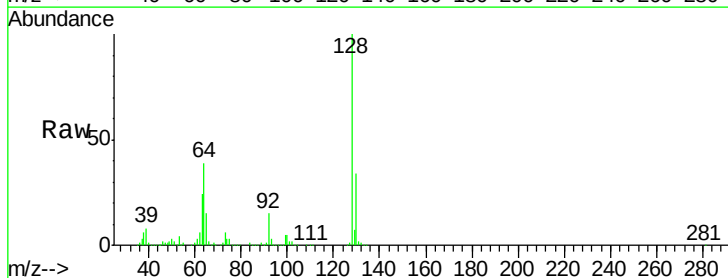
Tgt Ion: 128 Resp: 594316

Ion Ratio Lower Upper

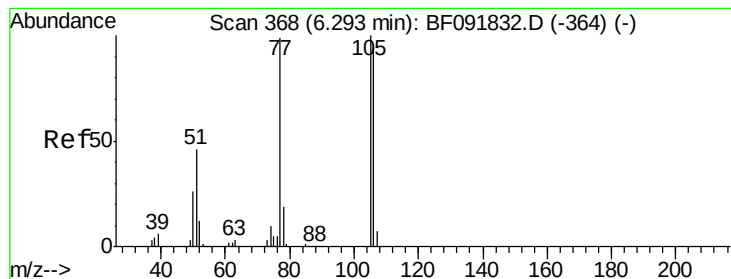
128 100

130 33.8 12.3 52.3

64 38.9 32.2 72.2







#9

Benzaldehyde

Concen: 5.71 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

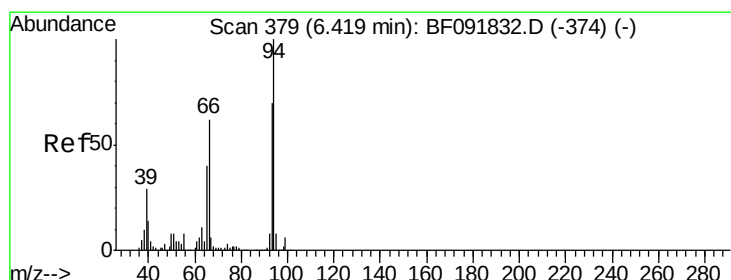
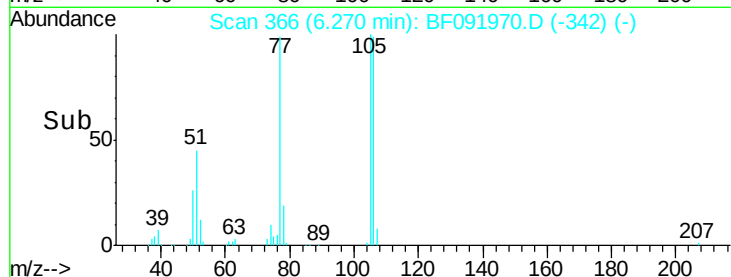
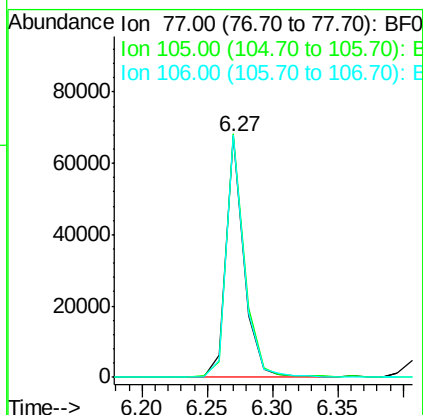
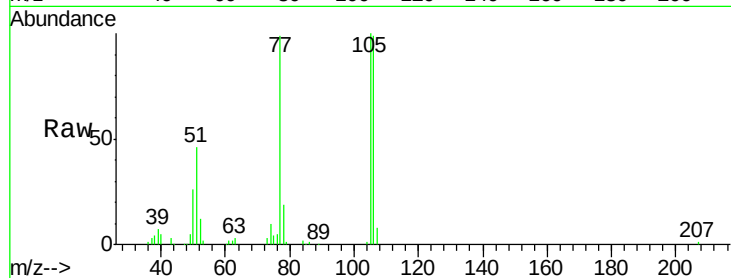
Tgt Ion: 77 Resp: 65410

Ion Ratio Lower Upper

77 100

105 101.1 83.9 123.9

106 100.5 77.6 117.6



#10

Phenol

Concen: 41.01 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

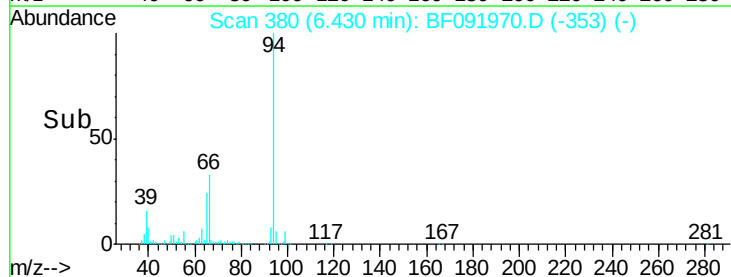
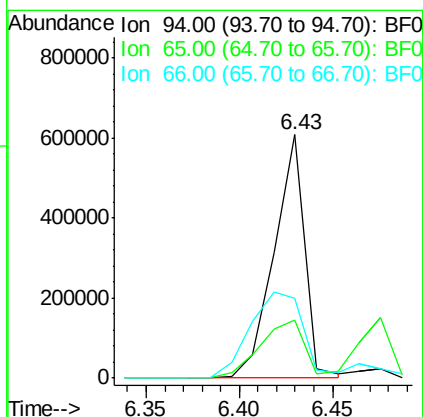
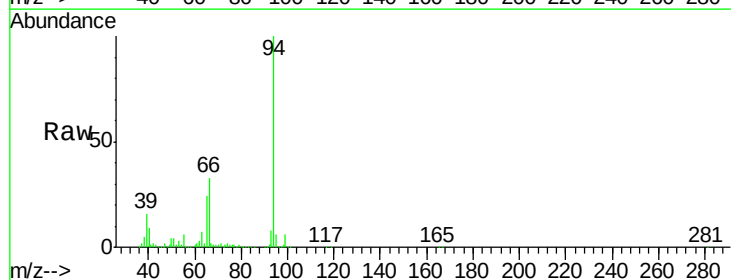
Tgt Ion: 94 Resp: 698318

Ion Ratio Lower Upper

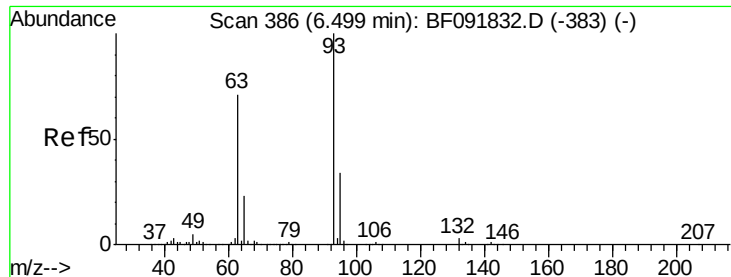
94 100

65 23.8 21.4 61.4

66 32.8 44.0 84.0#







#11

bis(2-Chloroethyl)ether

Concen: 55.96 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

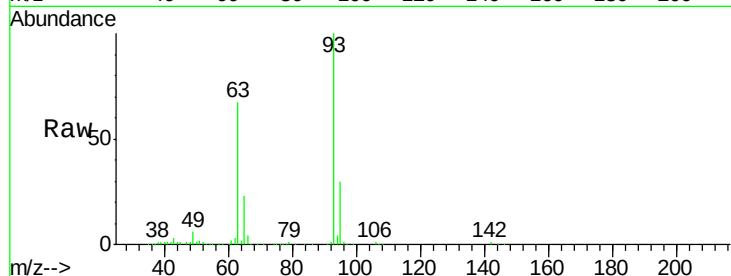
Tgt Ion: 93 Resp: 758107

Ion Ratio Lower Upper

93 100

63 67.3 60.4 100.4

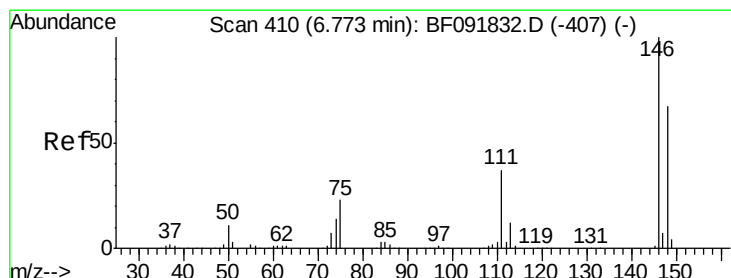
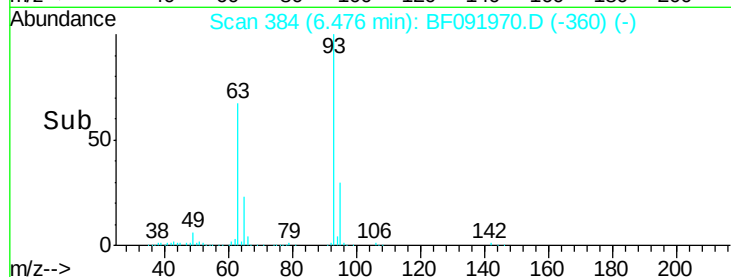
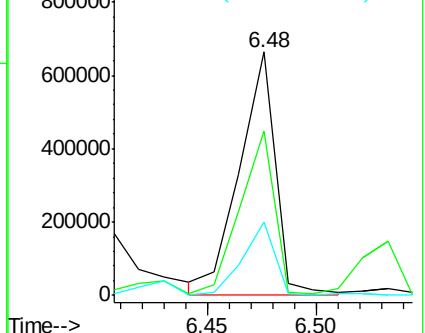
95 30.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.35 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.06 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

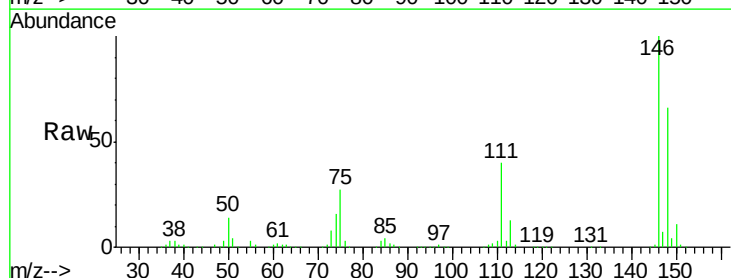
Tgt Ion: 146 Resp: 629456

Ion Ratio Lower Upper

146 100

148 65.6 53.4 80.0

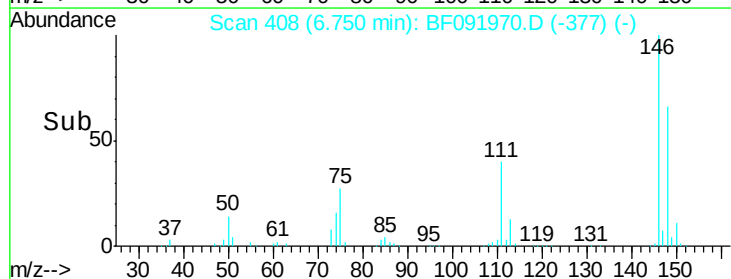
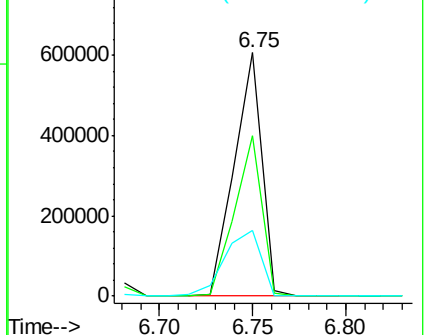
75 26.7 18.5 27.7

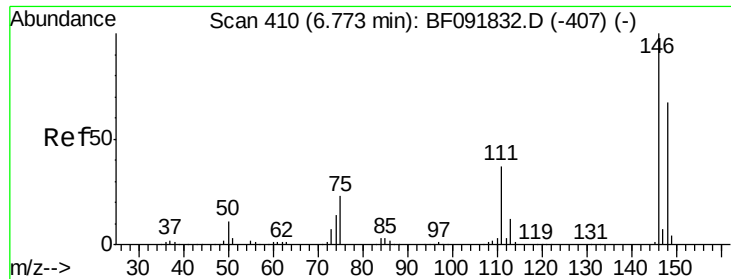


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

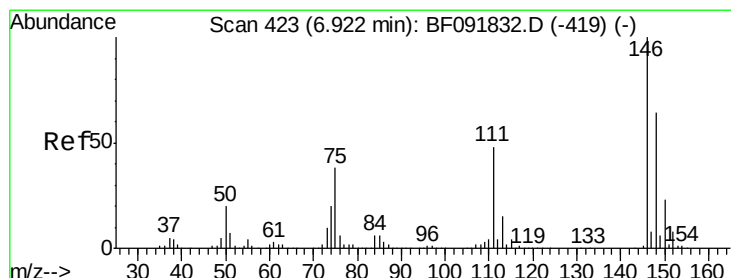
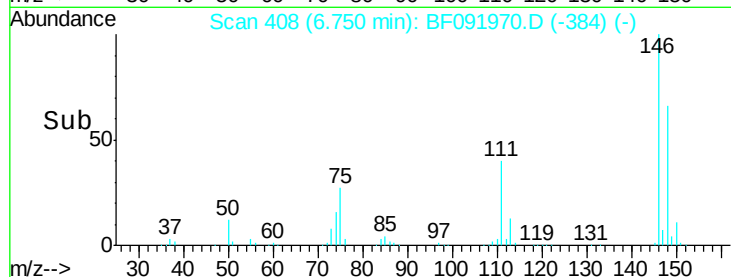
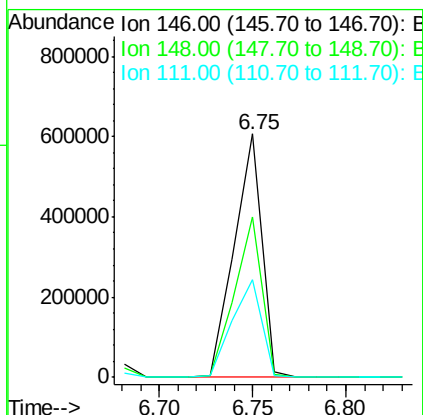
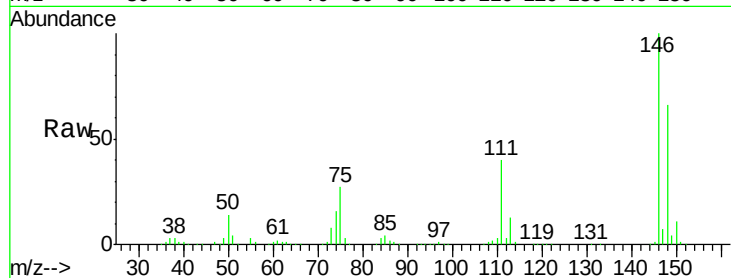




#13  
 1,4-Dichlorobenzene  
 Concen: 41.61 ng  
 RT: 6.75 min Scan# 408  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

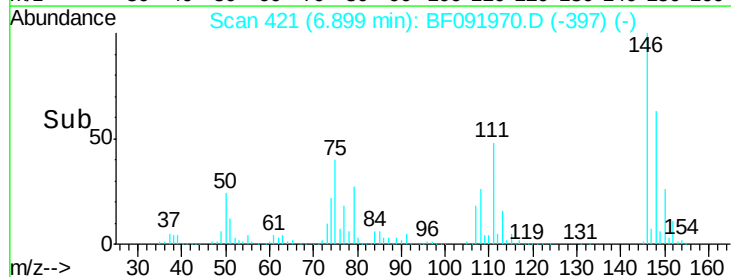
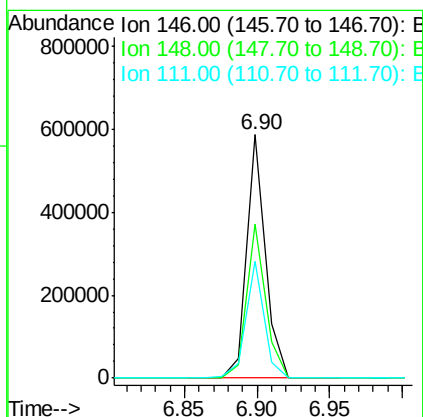
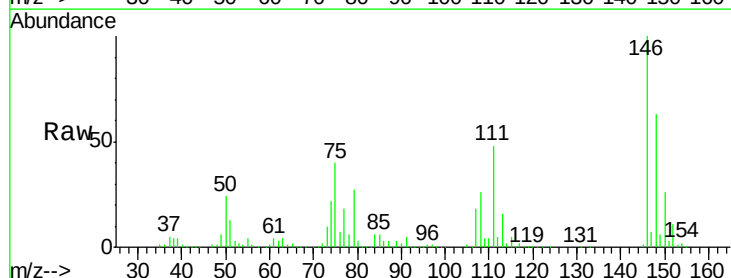
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

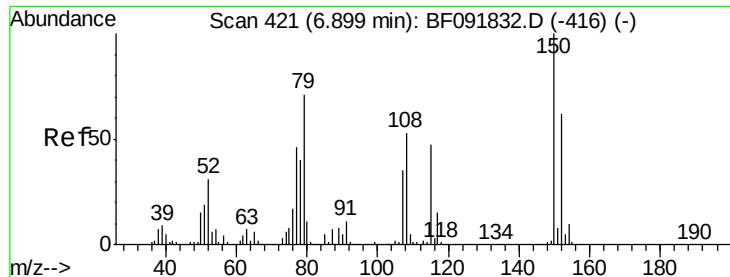
Tgt Ion:146 Resp: 629456  
 Ion Ratio Lower Upper  
 146 100  
 148 65.6 50.6 76.0  
 111 39.9 36.2 54.4



#14  
 1,2-Dichlorobenzene  
 Concen: 40.13 ng  
 RT: 6.90 min Scan# 421  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion:146 Resp: 526684  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 52.2 78.2  
 111 48.3 36.2 54.2

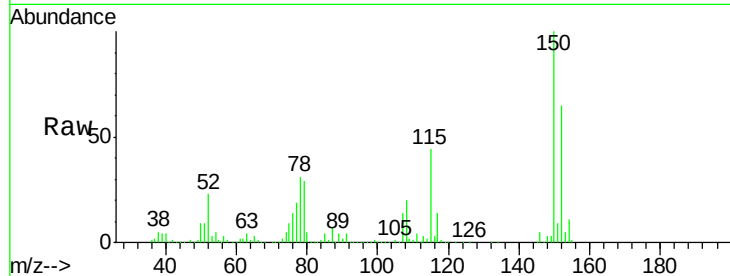




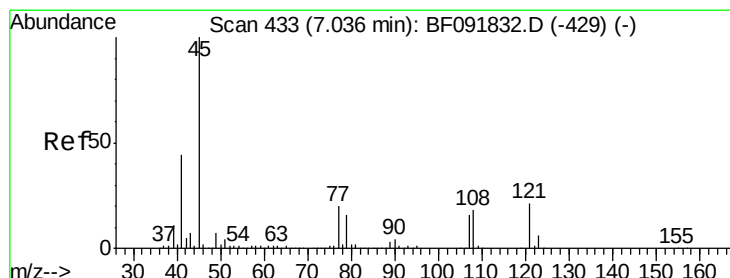
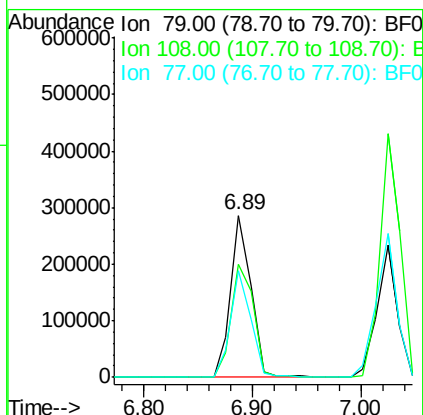
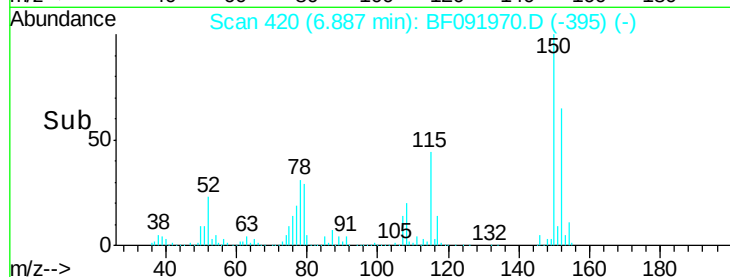
#15  
Benzyl Alcohol  
Concen: 31.99 ng  
RT: 6.89 min Scan# 420  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.5  | 61.4  | 92.0  |
| 77      | 66.0  | 50.9  | 76.3  |

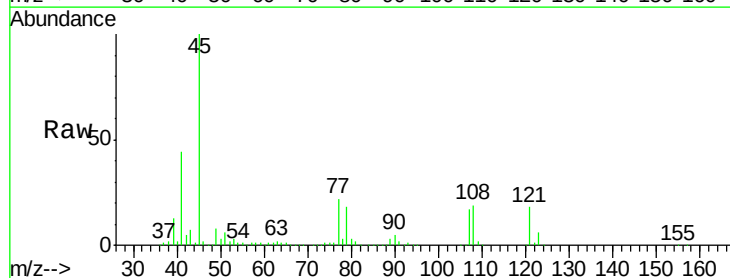


Abundance Ion 79.00 (78.70 to 79.70): BF0  
Ion 108.00 (107.70 to 108.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0

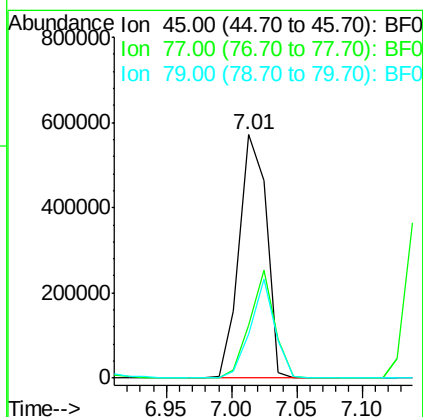
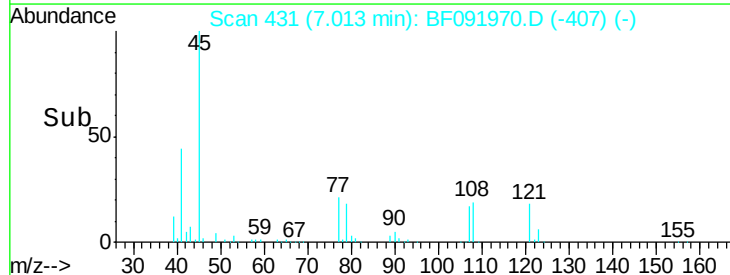


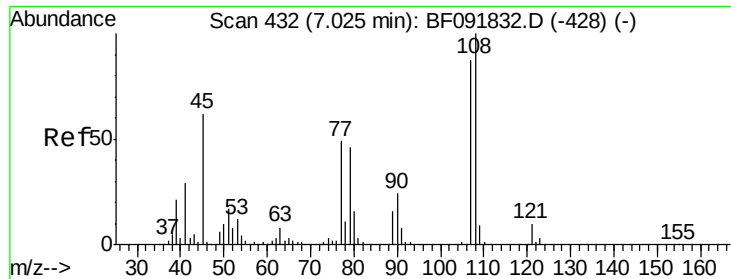
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.11 ng  
RT: 7.01 min Scan# 431  
Delta R.T. -0.02 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 21.9  | 0.0   | 34.6  |
| 79      | 18.1  | 0.0   | 31.2  |



Abundance Ion 45.00 (44.70 to 45.70): BF0  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

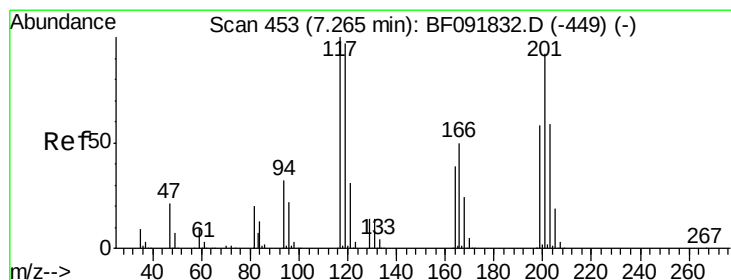
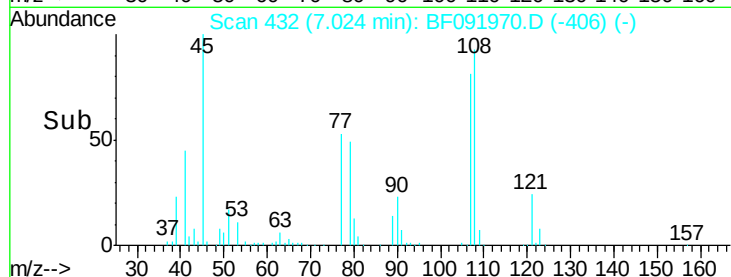
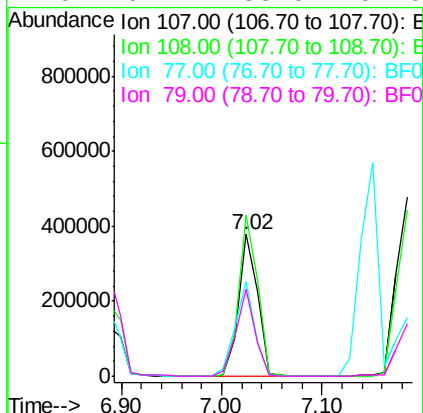
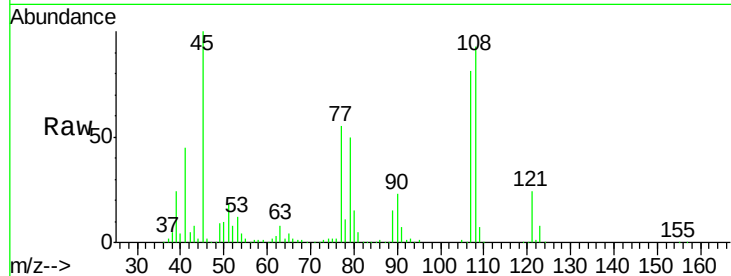




#17  
2-Methylphenol  
Concen: 43.64 ng  
RT: 7.02 min Scan# 432  
Delta R.T. -0.00 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

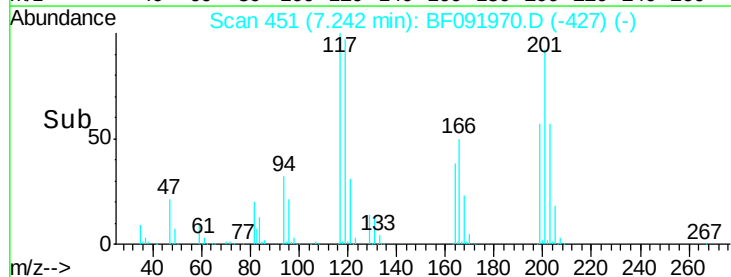
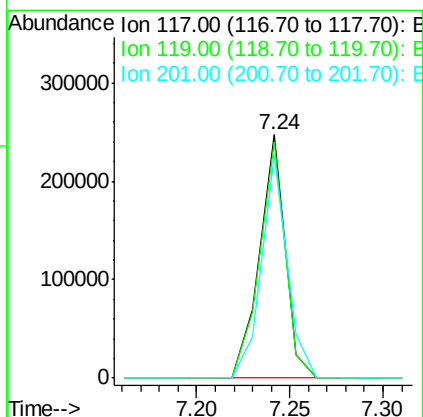
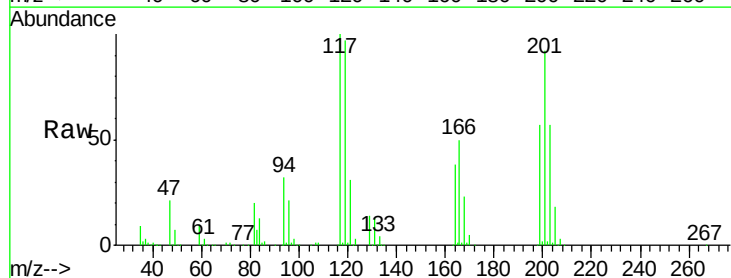
Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

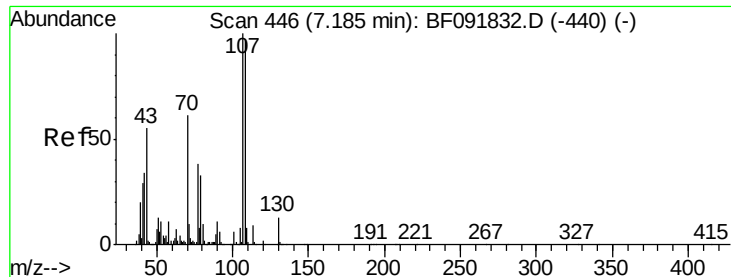
Tgt Ion:107 Resp: 488614  
Ion Ratio Lower Upper  
107 100  
108 114.0 93.0 139.6  
77 67.3 39.8 59.8#  
79 61.7 38.0 57.0#



#18  
Hexachloroethane  
Concen: 41.72 ng  
RT: 7.24 min Scan# 451  
Delta R.T. -0.02 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Tgt Ion:117 Resp: 234005  
Ion Ratio Lower Upper  
117 100  
119 96.9 78.1 117.1  
201 91.7 78.6 117.8

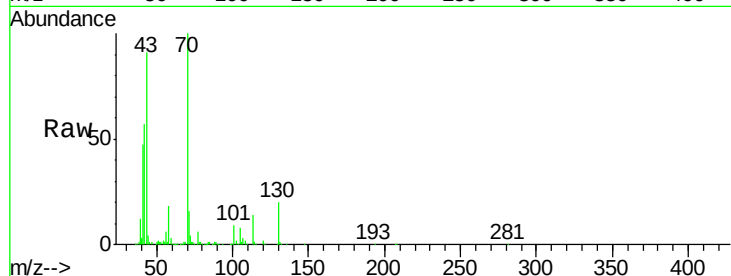




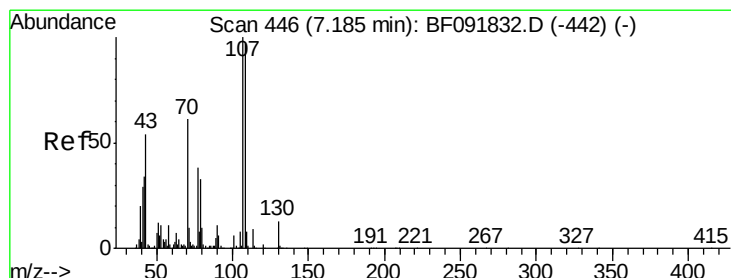
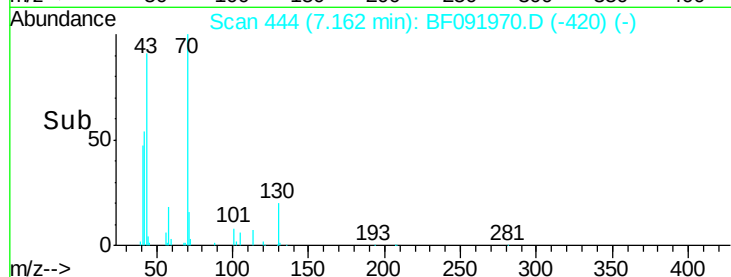
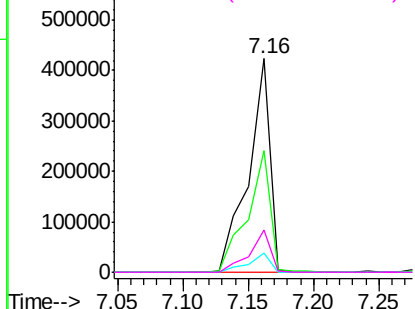
#19  
n-Nitroso-di-n-propylamine  
Concen: 49.48 ng  
RT: 7.16 min Scan# 444  
Delta R.T. -0.02 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 491914 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.9  | 49.4  | 74.0   |
| 101      | 9.0   | 7.4   | 11.2   |
| 130      | 19.9  | 14.2  | 21.4   |

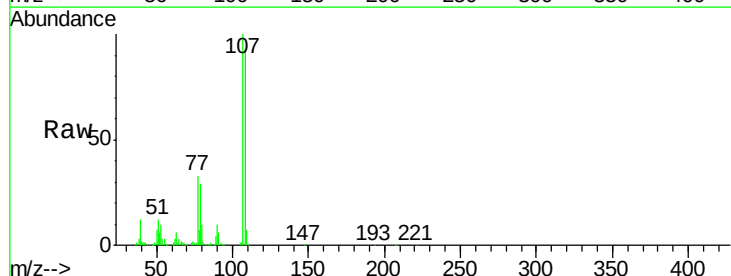


Abundance Ion 70.00 (69.70 to 70.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

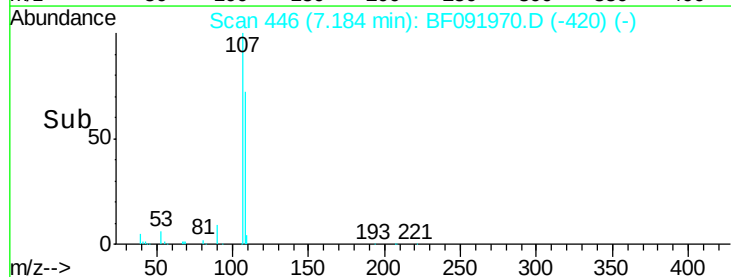
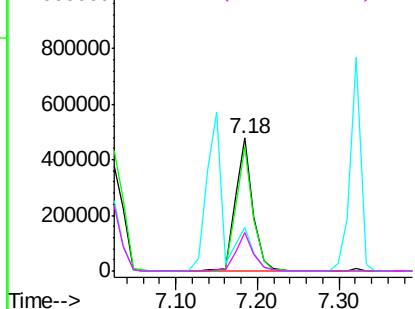


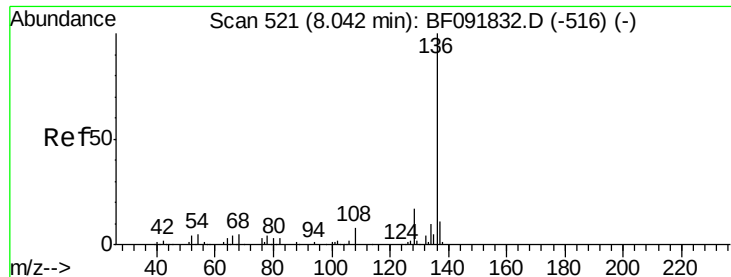
#20  
3+4-Methylphenols  
Concen: 51.91 ng  
RT: 7.18 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 693280 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.1  | 73.0  | 113.0  |
| 77       | 33.1  | 71.3  | 111.3# |
| 79       | 29.0  | 11.1  | 51.1   |



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

Tgt Ion:136 Resp: 863551

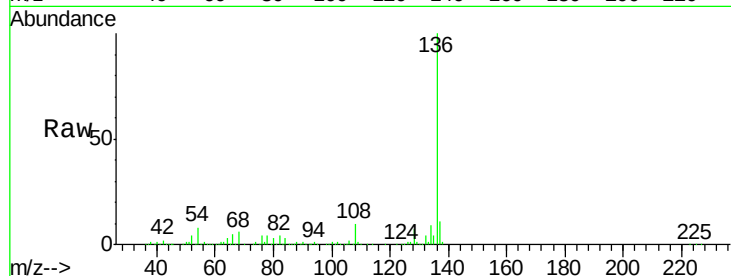
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 7.6 4.5 6.7#

68 6.1 3.6 5.4#

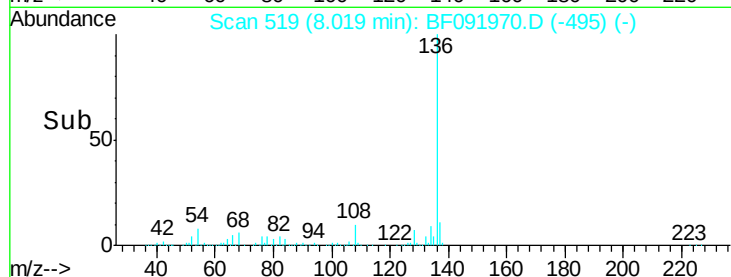


Abundance Ion 136.00 (135.70 to 136.70): E

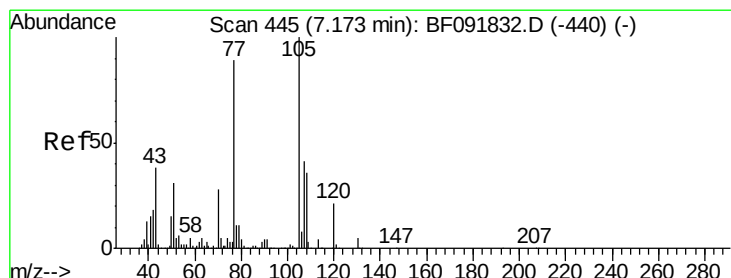
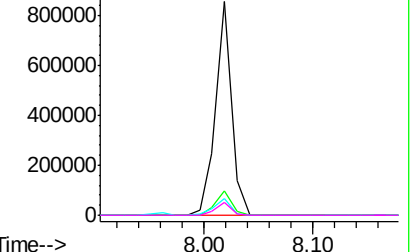
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.71 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Tgt Ion:105 Resp: 909750

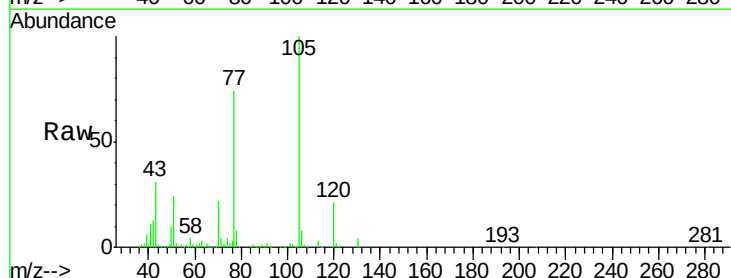
Ion Ratio Lower Upper

105 100

71 3.6 3.2 4.8

51 24.4 26.2 39.4#

120 21.5 16.6 24.8

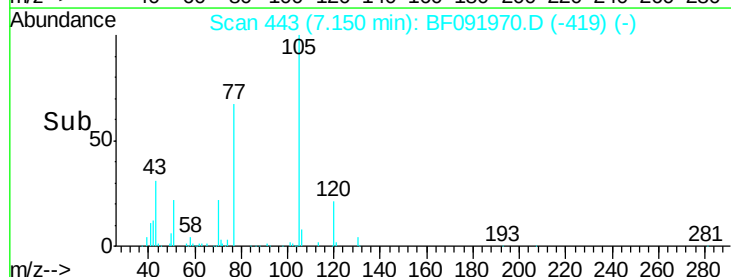


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

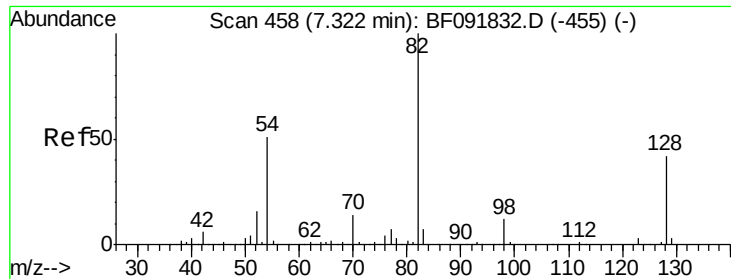
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

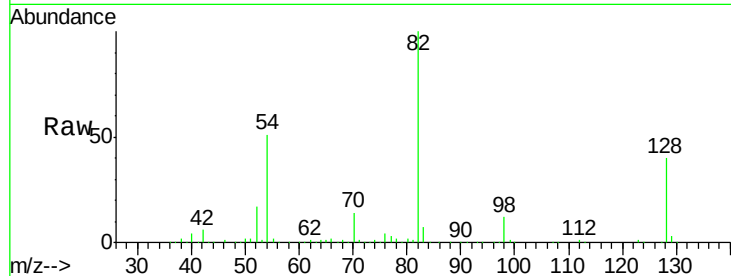




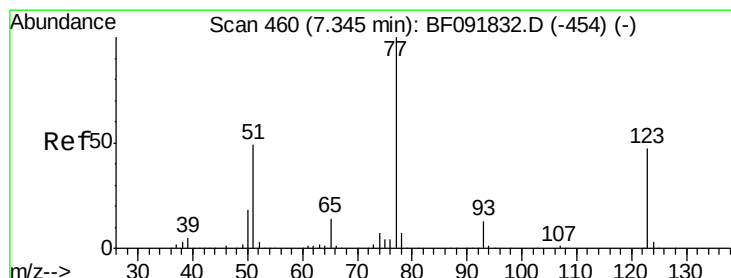
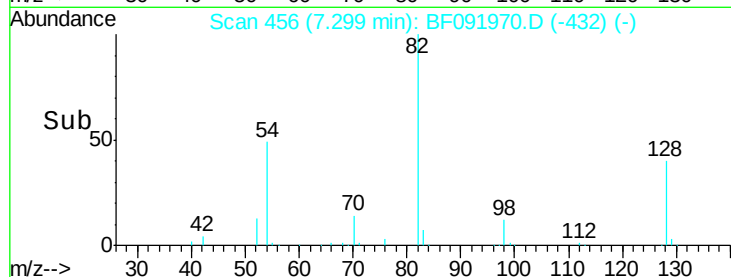
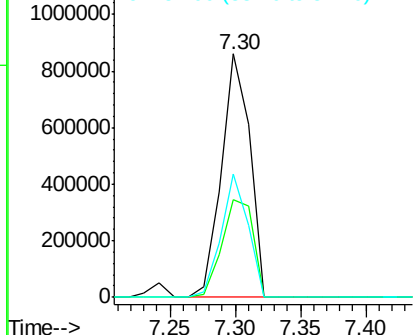
#23  
 Nitrobenzene-d5  
 Concen: 83.33 ng  
 RT: 7.30 min Scan# 456  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

Tgt Ion: 82 Resp: 1294153  
 Ion Ratio Lower Upper  
 82 100  
 128 39.9 34.6 52.0  
 54 50.9 39.5 59.3

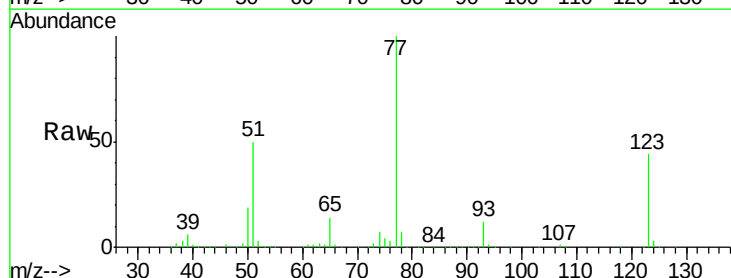


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

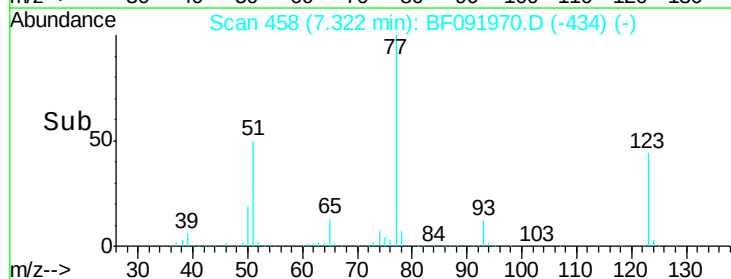
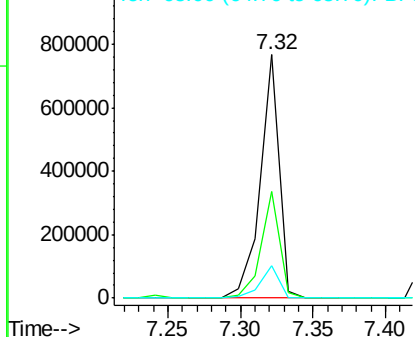


#24  
 Nitrobenzene  
 Concen: 41.66 ng  
 RT: 7.32 min Scan# 458  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

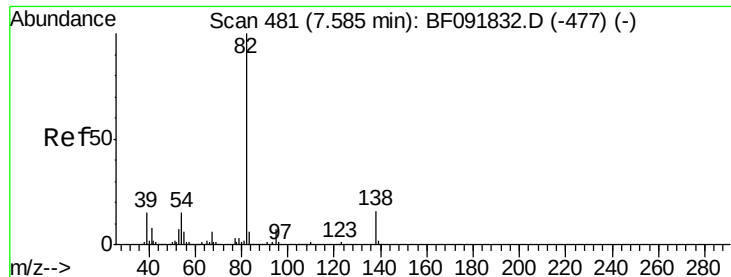
Tgt Ion: 77 Resp: 689043  
 Ion Ratio Lower Upper  
 77 100  
 123 44.1 33.0 49.4  
 65 13.5 11.2 16.8



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: 39.79 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

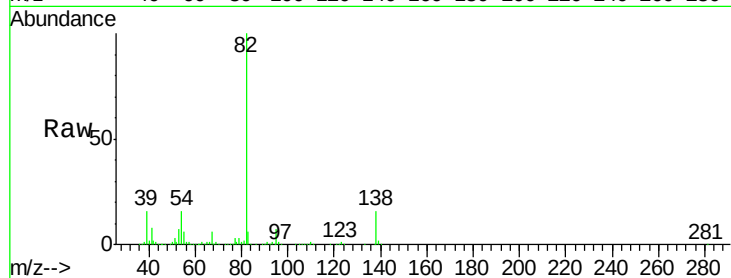
Tgt Ion: 82 Resp: 1139948

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

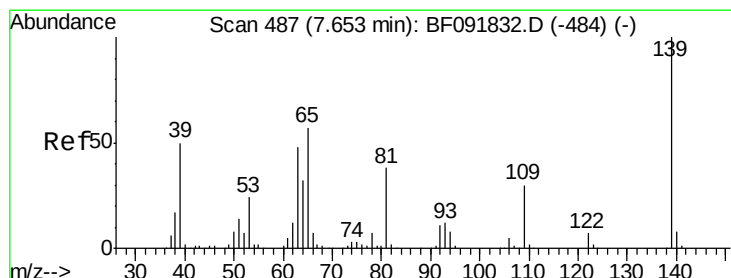
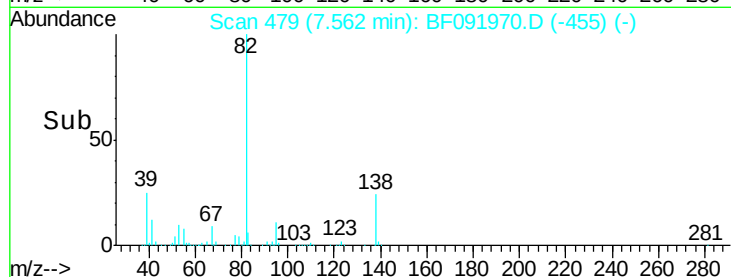
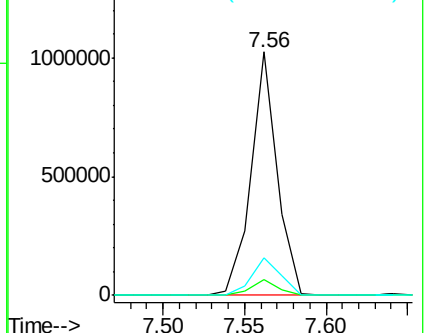
138 15.5 14.6 22.0



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: 43.38 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

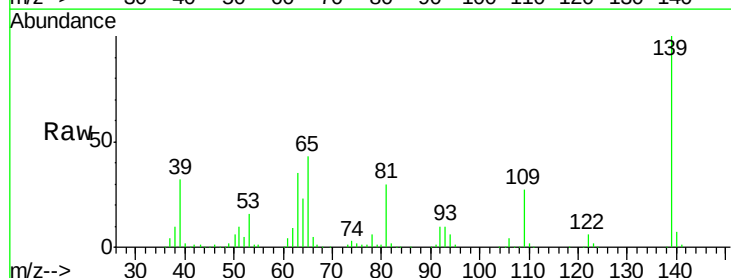
Tgt Ion: 139 Resp: 353818

Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

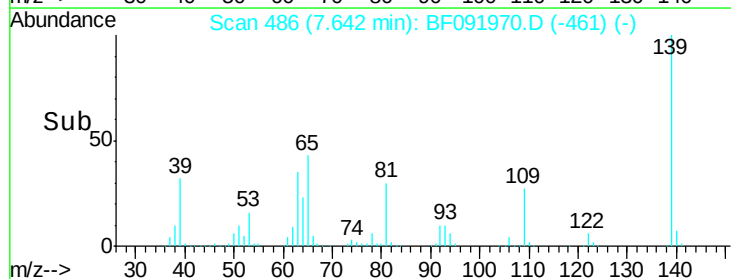
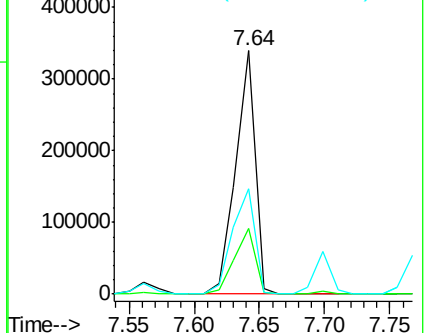
65 43.5 42.7 64.1

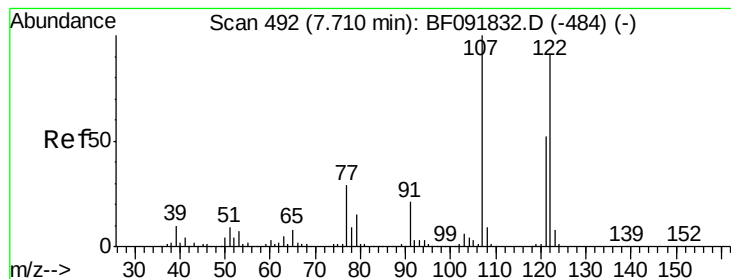


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.69 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

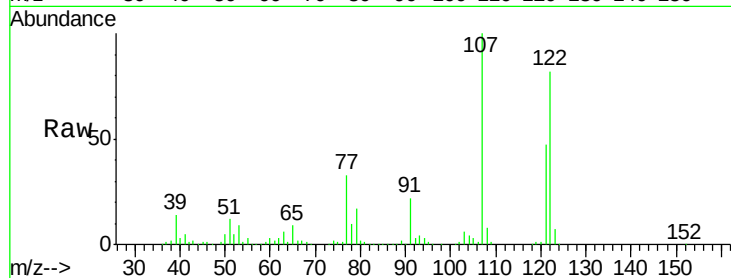
Tgt Ion:122 Resp: 496411

Ion Ratio Lower Upper

122 100

107 121.4 94.1 141.1

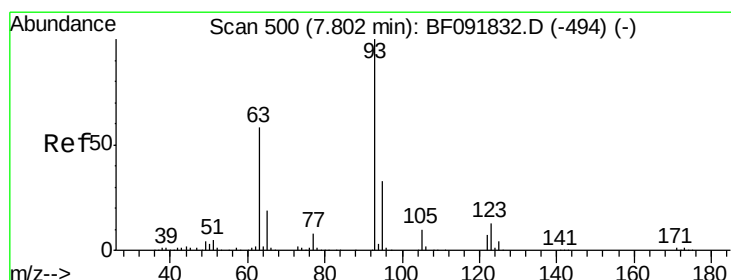
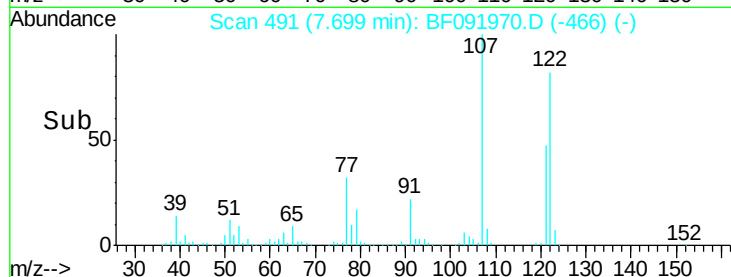
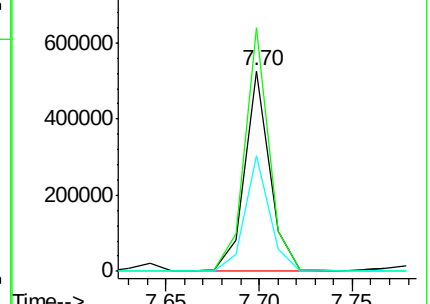
121 57.6 46.0 69.0



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: 43.94 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

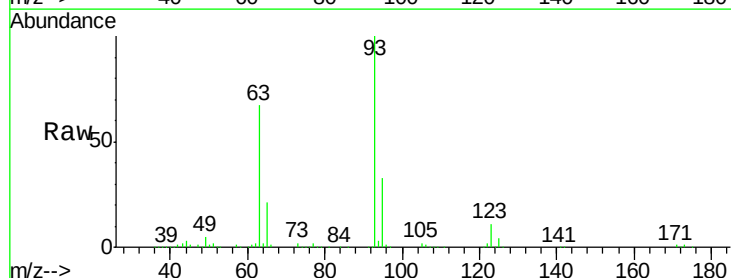
Tgt Ion: 93 Resp: 763520

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

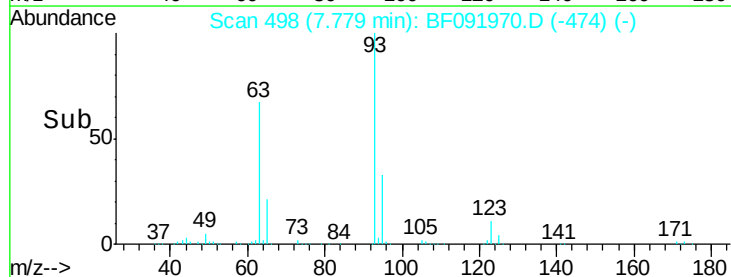
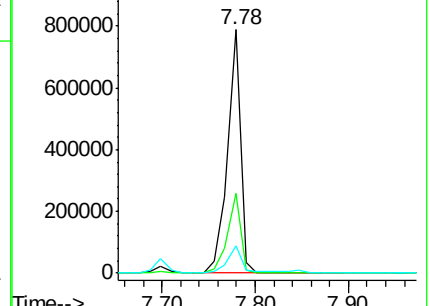
123 11.2 8.6 13.0

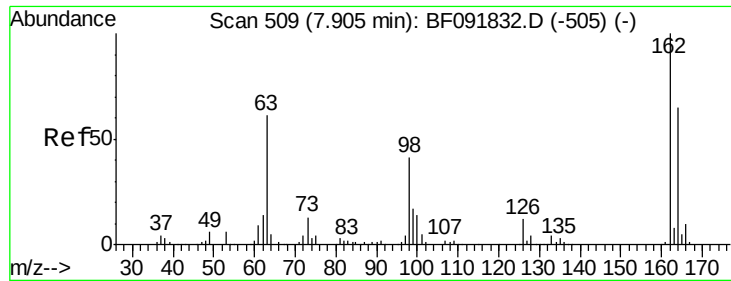


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

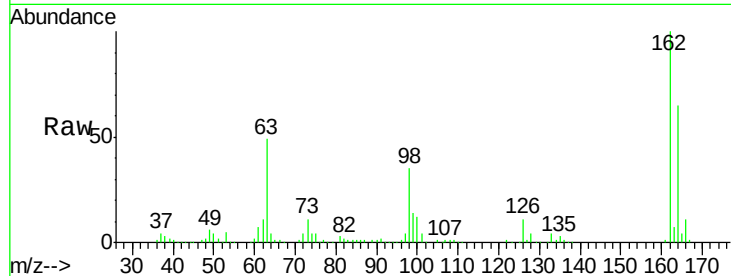




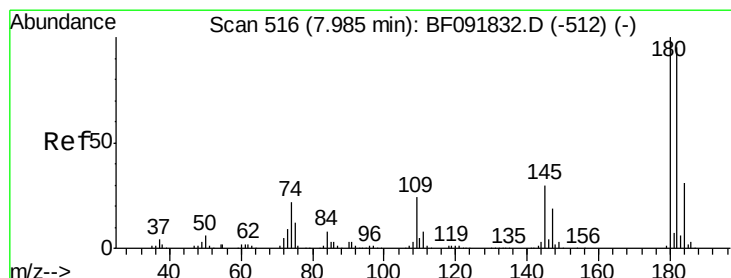
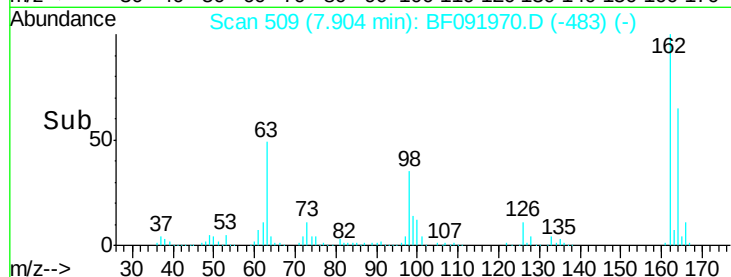
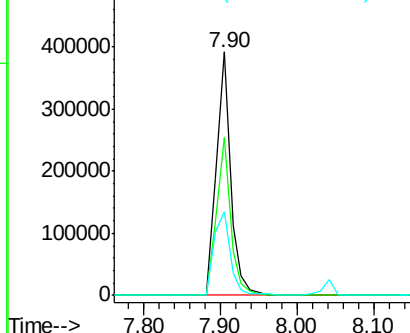
#29  
 2,4-Dichlorophenol  
 Concen: 44.47 ng  
 RT: 7.90 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.0  | 46.8  | 86.8  |
| 98      | 34.5  | 9.1   | 49.1  |

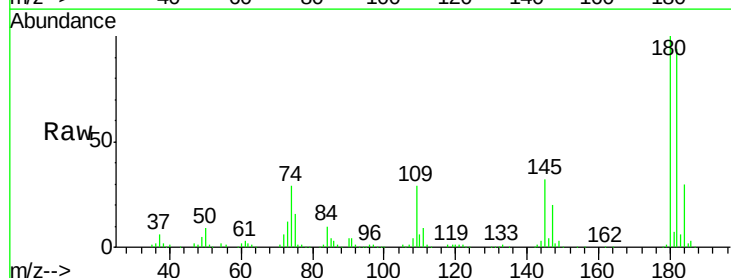


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

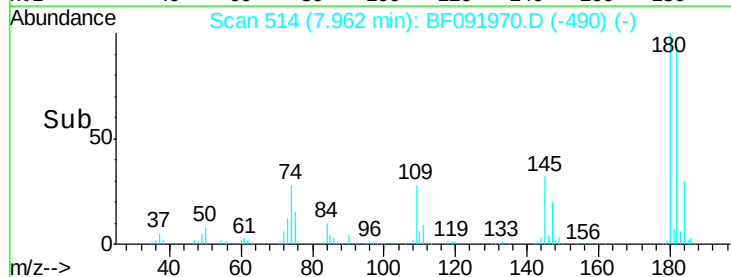
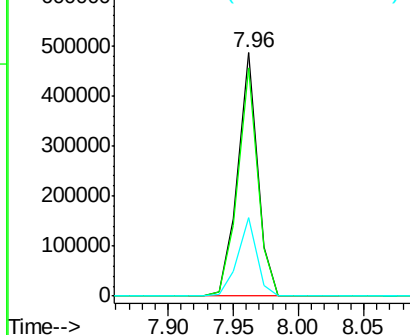


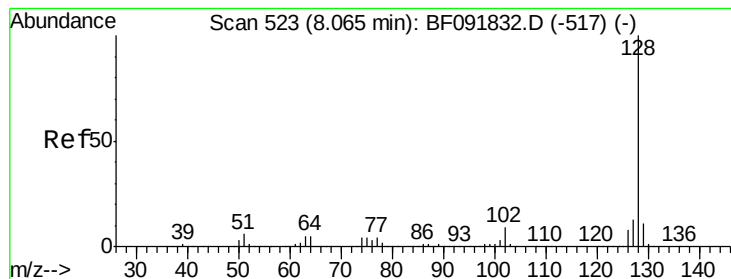
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.97 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 78.2  | 117.4 |
| 145     | 32.2  | 21.6  | 32.4  |



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





#31

Naphthalene

Concen: 42.50 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

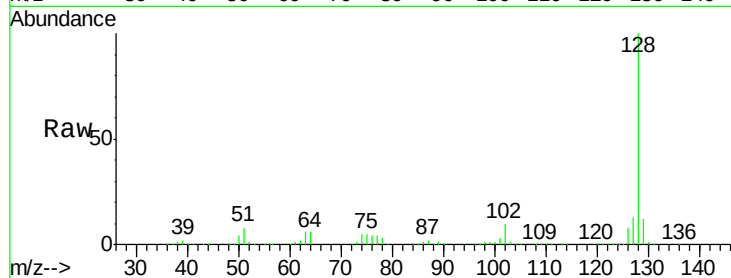
Tgt Ion:128 Resp: 1679759

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

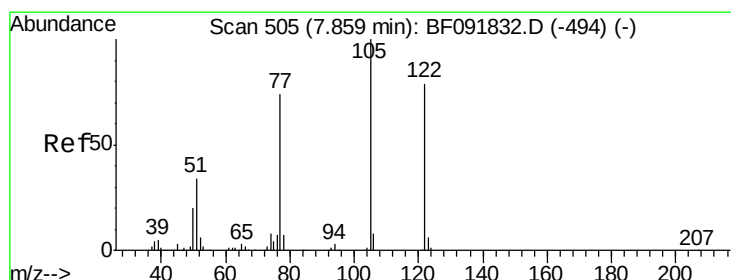
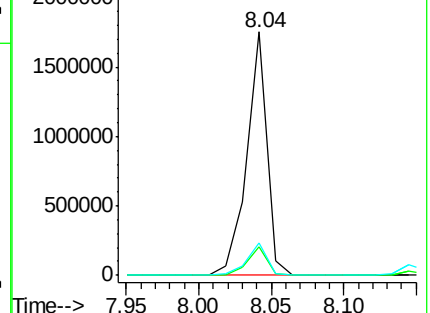
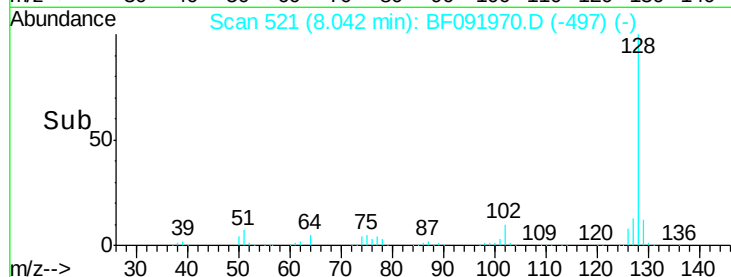
127 13.5 10.8 16.2



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: 30.79 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

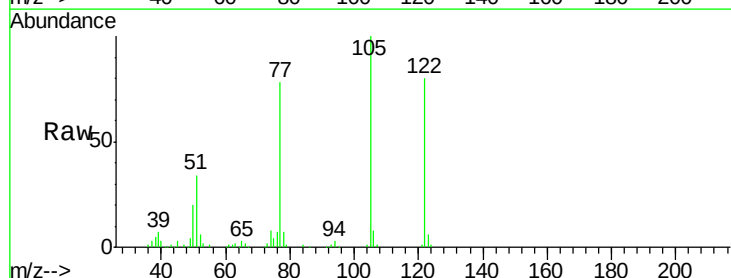
Tgt Ion:122 Resp: 308942

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

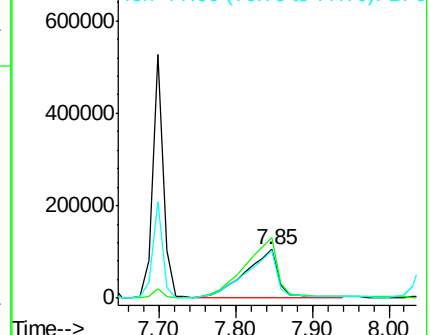
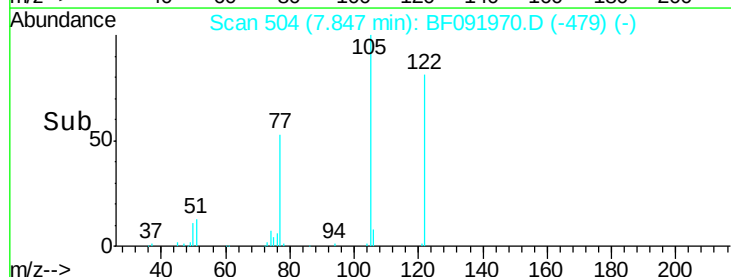
77 97.9 74.5 114.5

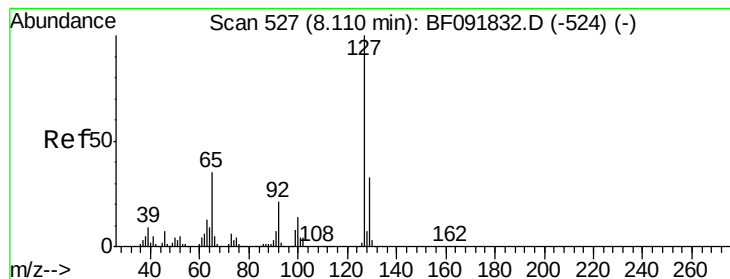


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.71 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.03 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

Tgt Ion:127 Resp: 137357

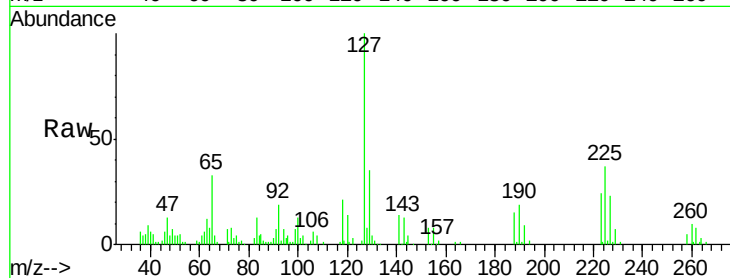
Ion Ratio Lower Upper

127 100

129 35.5 26.3 39.5

65 32.7 25.8 38.8

92 19.4 16.1 24.1

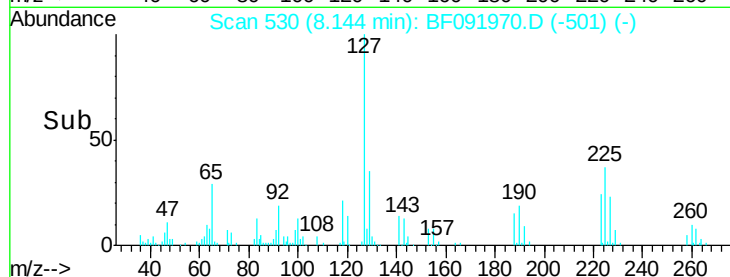


Abundance Ion 127.00 (126.70 to 127.70): E

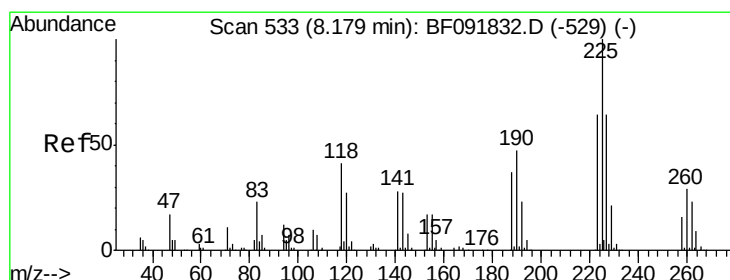
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 42.51 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

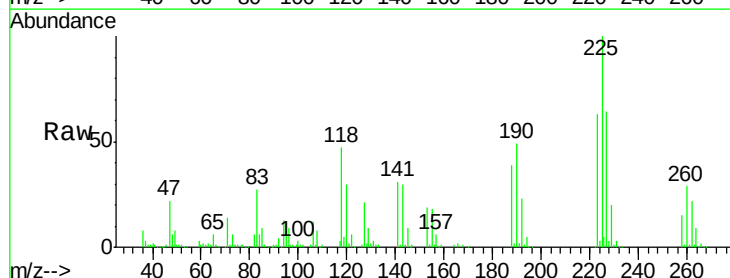
Tgt Ion:225 Resp: 281724

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

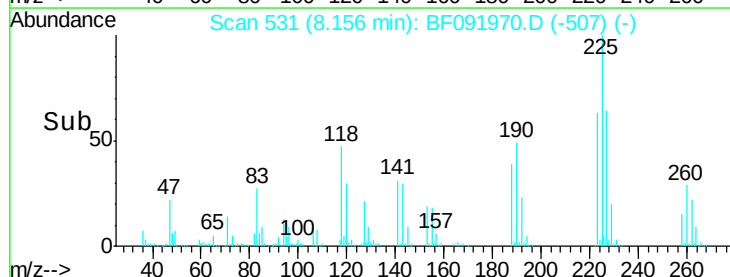
227 63.8 50.6 76.0



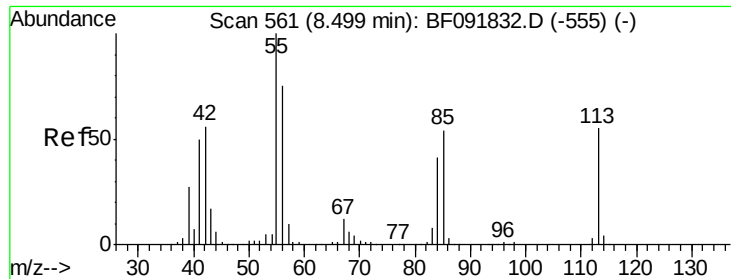
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



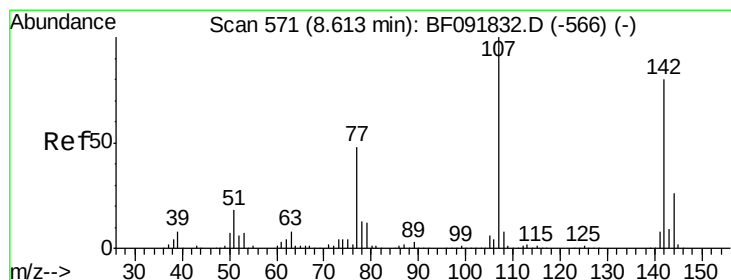
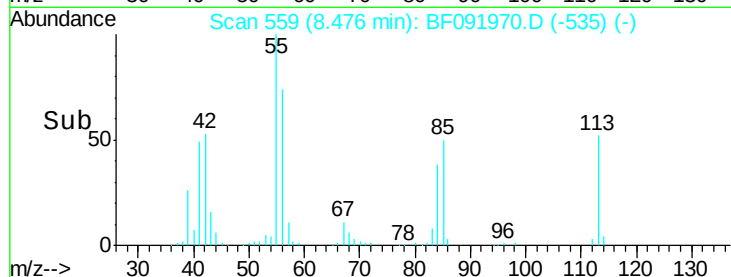
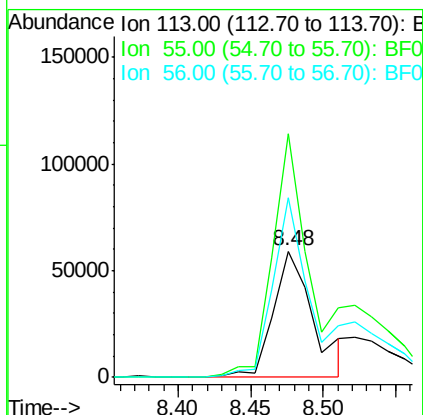
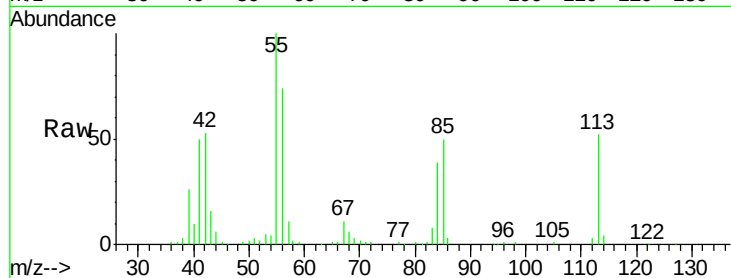
Time-->



#35  
 Caprolactam  
 Concen: 29.84 ng  
 RT: 8.48 min Scan# 559  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

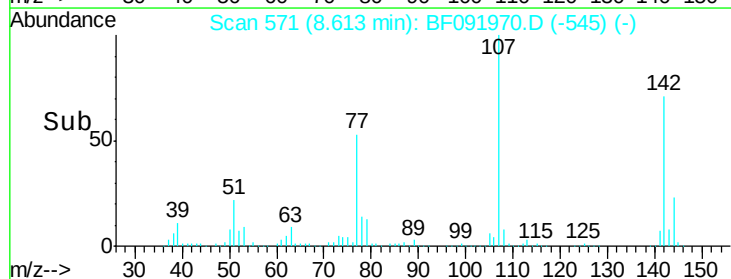
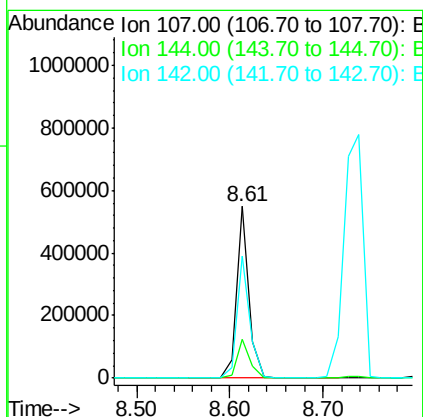
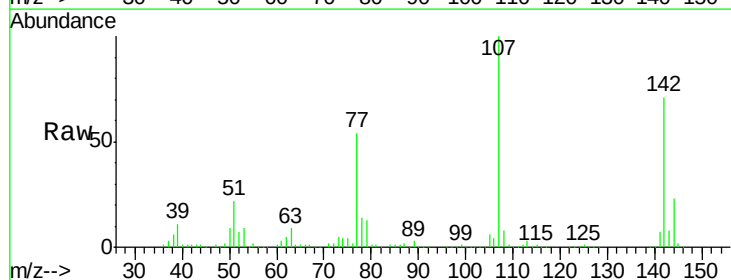
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

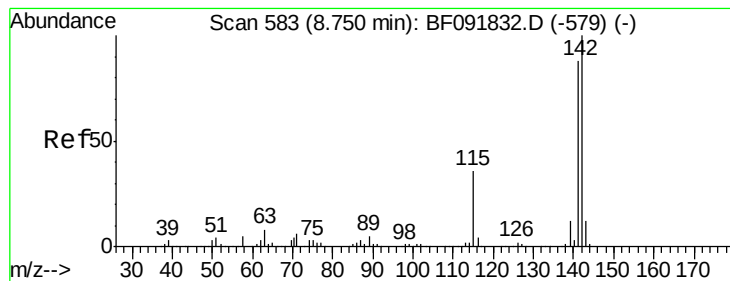
Tgt Ion:113 Resp: 112348  
 Ion Ratio Lower Upper  
 113 100  
 55 193.1 119.2 159.2#  
 56 142.0 83.8 123.8#



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.38 ng  
 RT: 8.61 min Scan# 571  
 Delta R.T. -0.00 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion:107 Resp: 505927  
 Ion Ratio Lower Upper  
 107 100  
 144 23.0 19.3 28.9  
 142 70.9 59.0 88.6





#37

2-Methylnaphthalene

Concen: 47.74 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

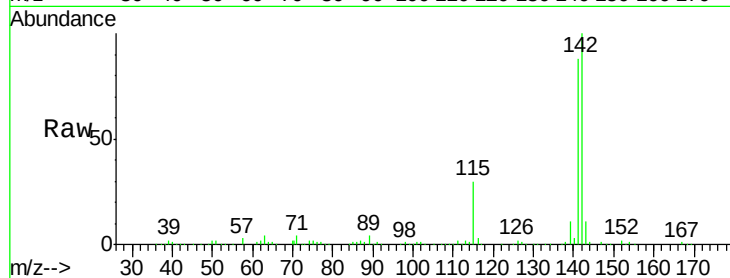
Tgt Ion:142 Resp: 1118403

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.6

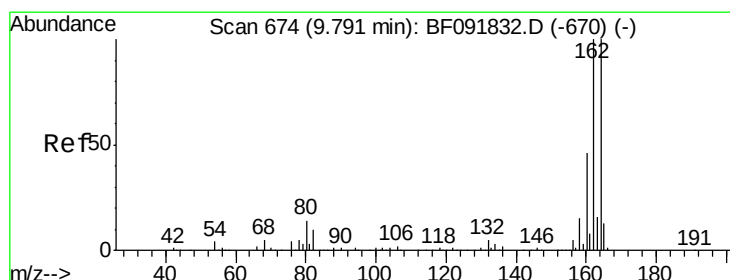
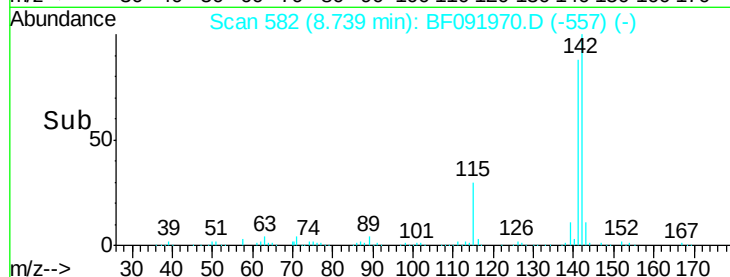
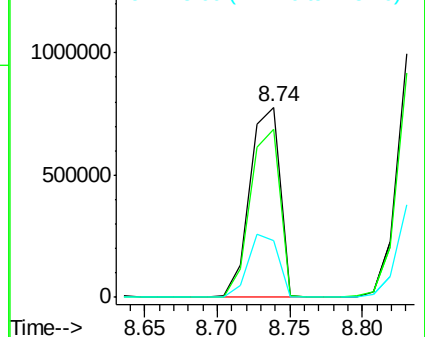
115 29.9 28.3 42.5



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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

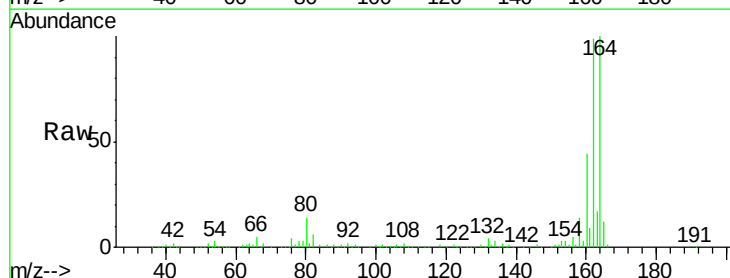
Tgt Ion:164 Resp: 462056

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.2

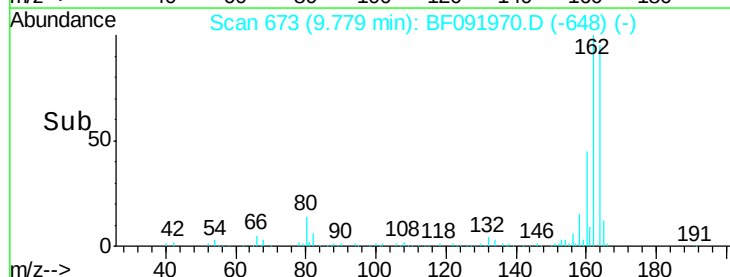
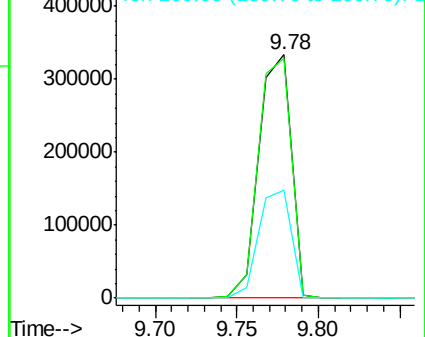
160 44.1 36.9 55.3

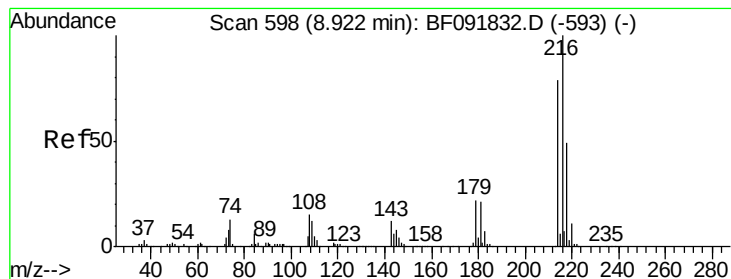


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.30 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

Tgt Ion:216 Resp: 447135

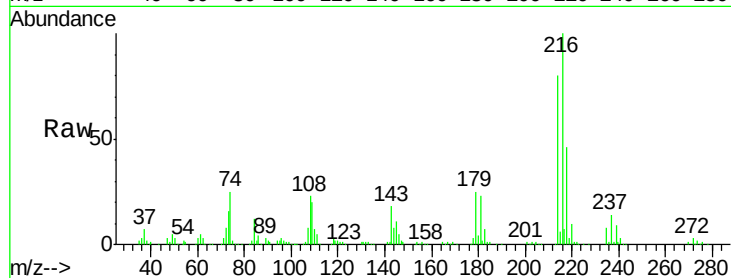
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.7 17.4 26.2

108 23.8 15.6 23.4#

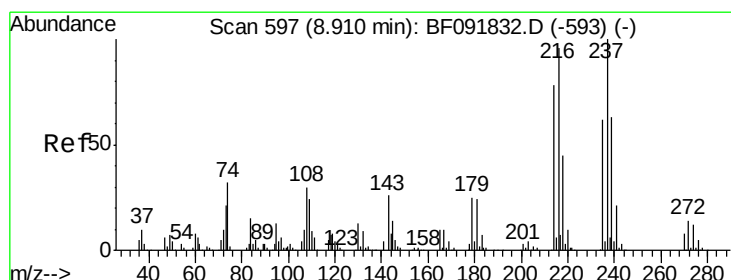
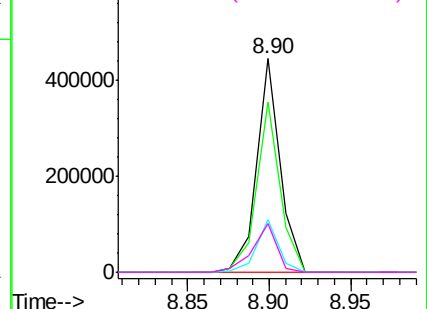
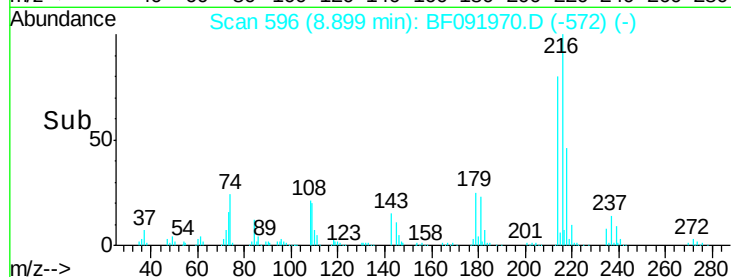


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.85 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

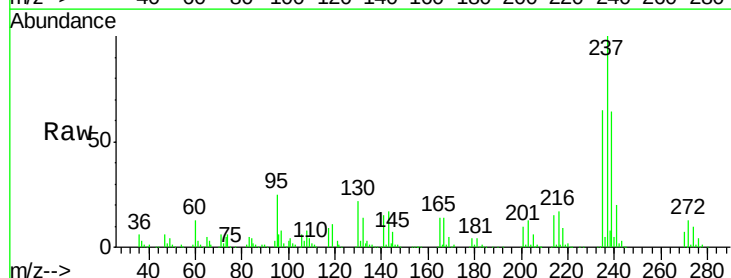
Tgt Ion:237 Resp: 420550

Ion Ratio Lower Upper

237 100

235 64.5 41.2 81.2

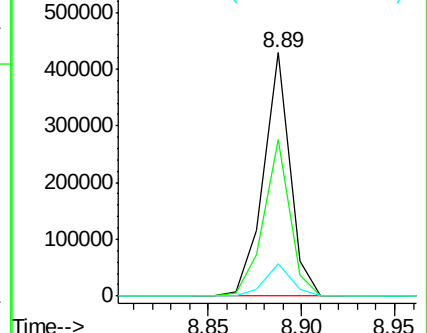
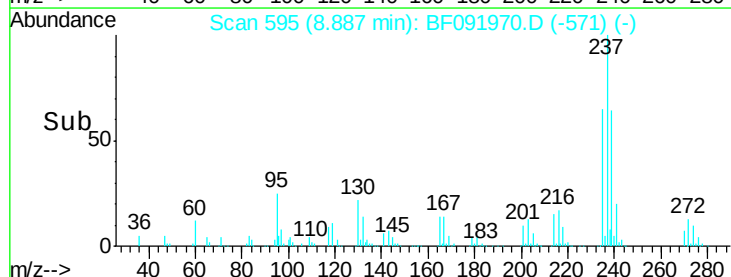
272 13.2 0.0 35.4



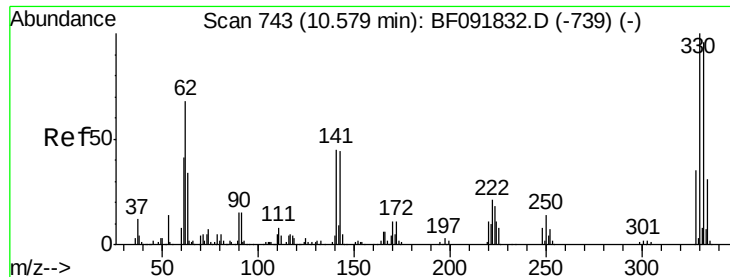
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



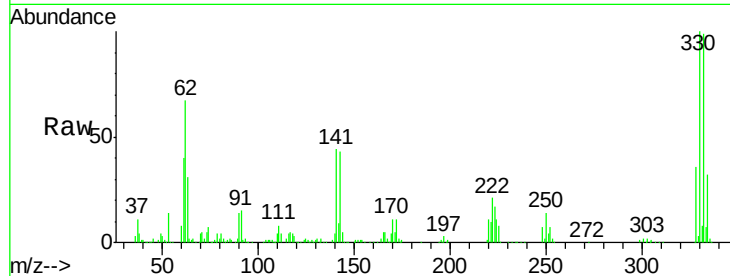




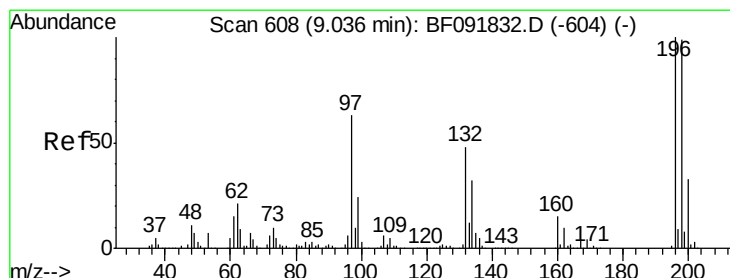
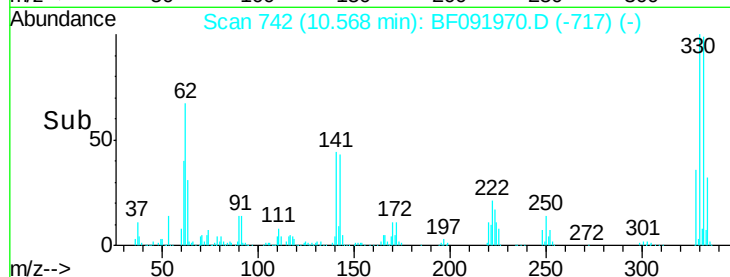
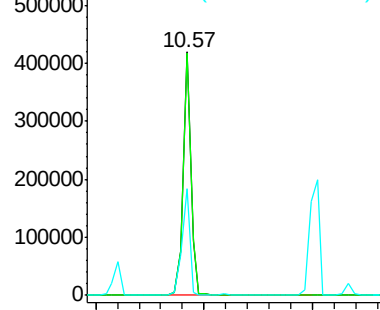
#41  
 2,4,6-Tribromophenol  
 Concen: 109.14 ng  
 RT: 10.57 min Scan# 742  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

Tgt Ion:330 Resp: 417342  
 Ion Ratio Lower Upper  
 330 100  
 332 99.5 77.4 116.2  
 141 43.6 34.1 51.1

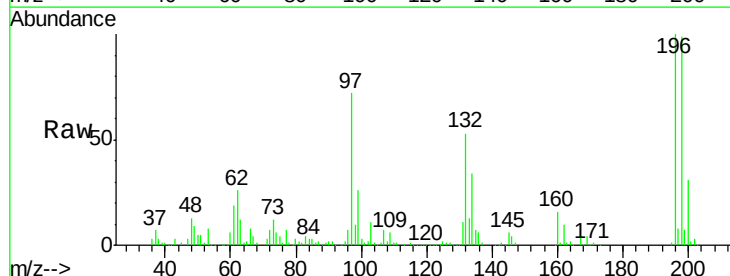


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

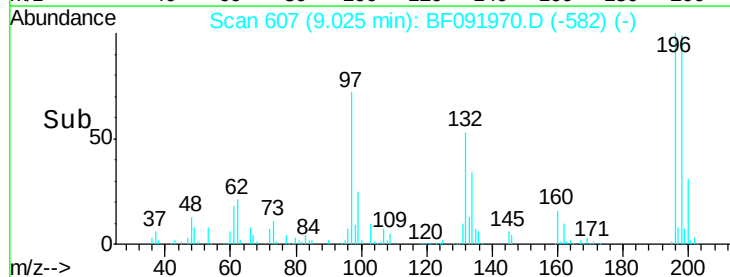
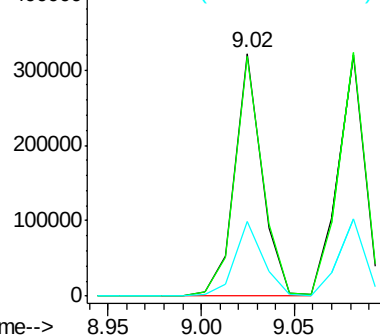


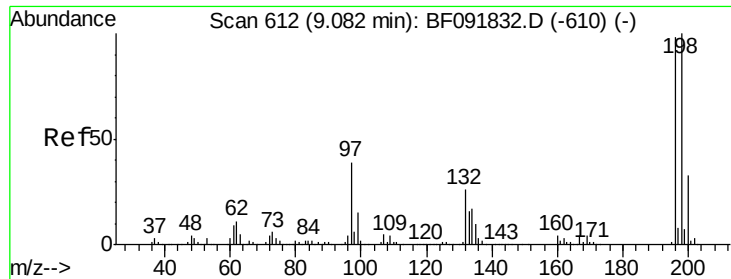
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.06 ng  
 RT: 9.02 min Scan# 607  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion:196 Resp: 327095  
 Ion Ratio Lower Upper  
 196 100  
 198 98.8 82.1 123.1  
 200 30.8 27.0 40.4



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

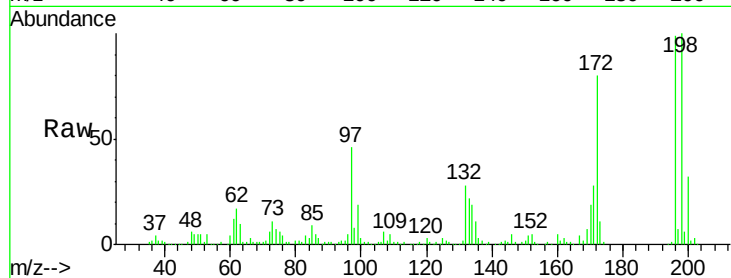




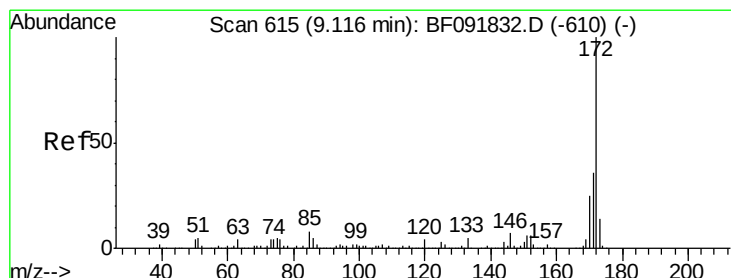
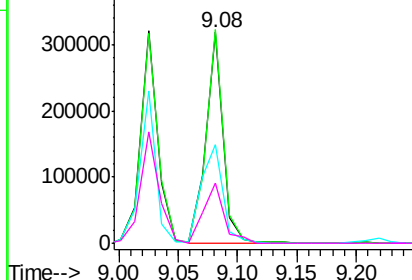
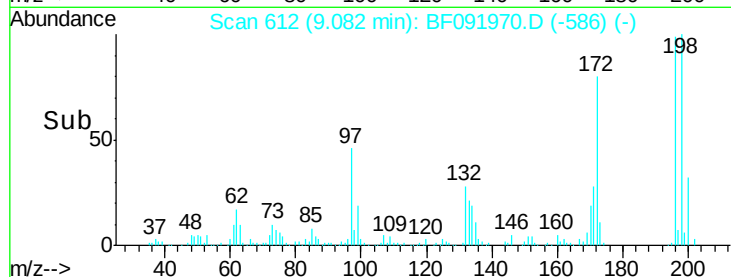
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.38 ng  
 RT: 9.08 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB95629BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.2 | 79.4  | 119.2 |
| 97      | 46.9  | 51.5  | 77.3  |
| 132     | 28.7  | 27.4  | 41.2  |

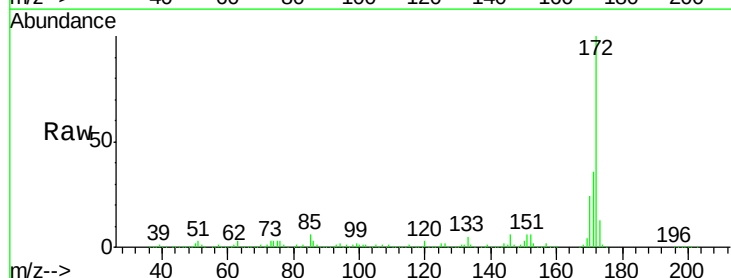


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

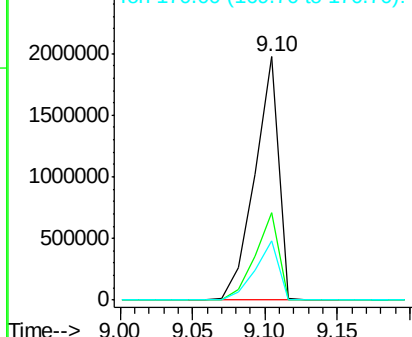
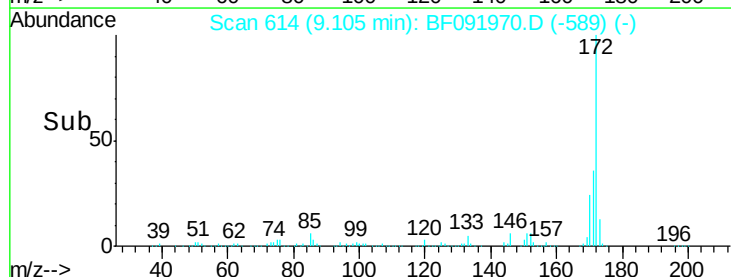


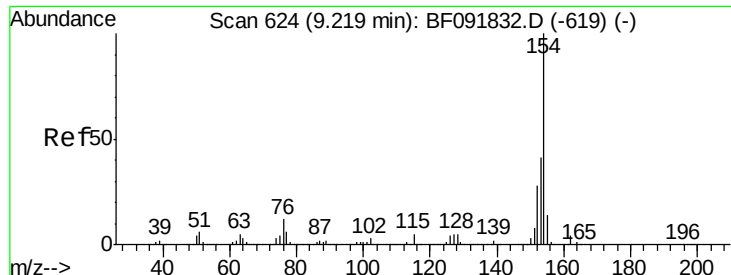
#44  
 2-Fluorobiphenyl  
 Concen: 102.68 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.4  | 44.0  |
| 170     | 24.3  | 20.2  | 30.4  |



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

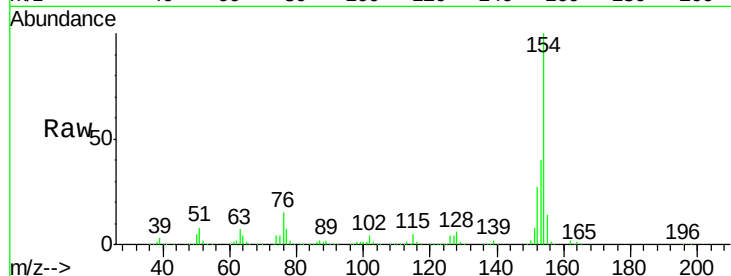




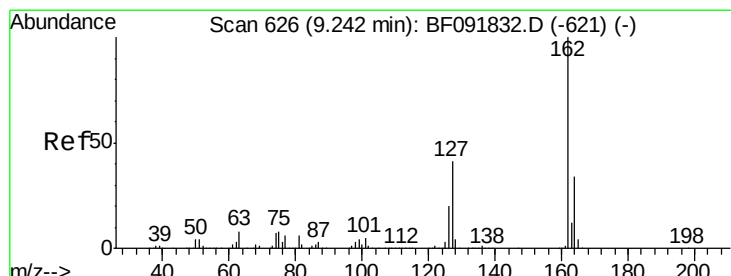
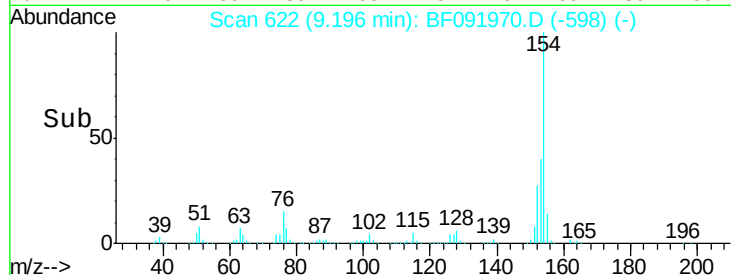
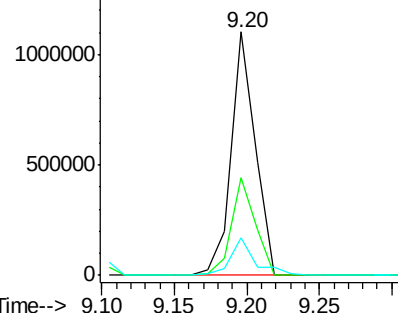
#45  
 1,1'-Biphenyl  
 Concen: 39.94 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

Tgt Ion:154 Resp: 1263644  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 20.9 60.9  
 76 15.4 0.0 30.5

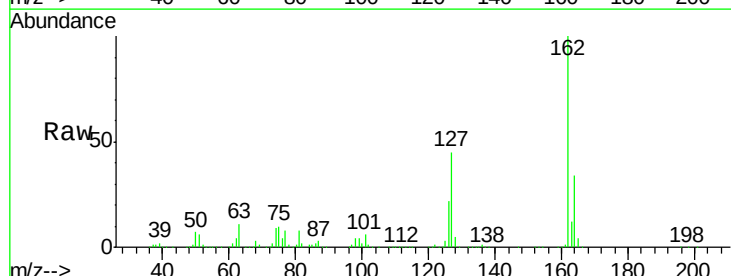


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

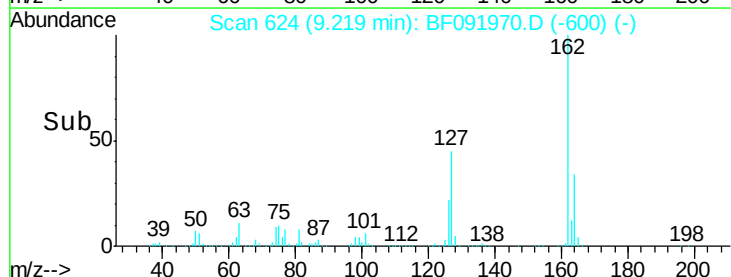
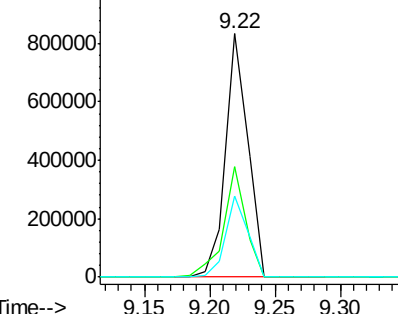


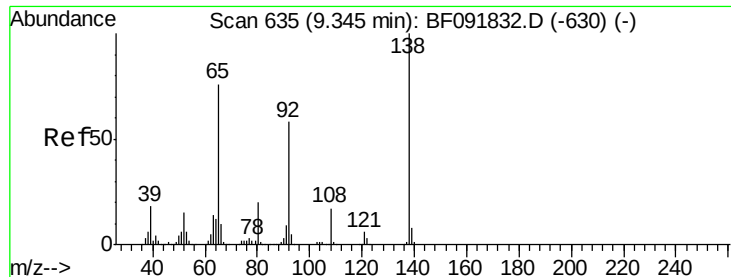
#46  
 2-Chloronaphthalene  
 Concen: 39.31 ng  
 RT: 9.22 min Scan# 624  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion:162 Resp: 984790  
 Ion Ratio Lower Upper  
 162 100  
 127 45.2 30.7 46.1  
 164 33.5 27.6 41.4



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: 41.54 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

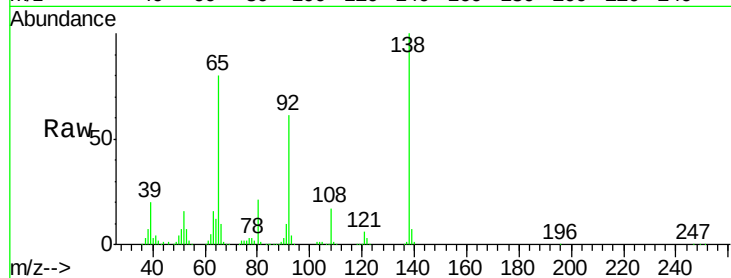
Tgt Ion: 65 Resp: 370571

Ion Ratio Lower Upper

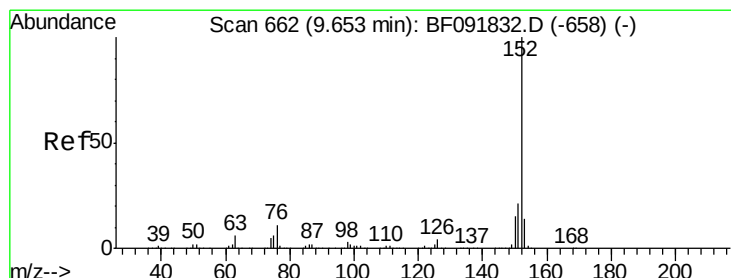
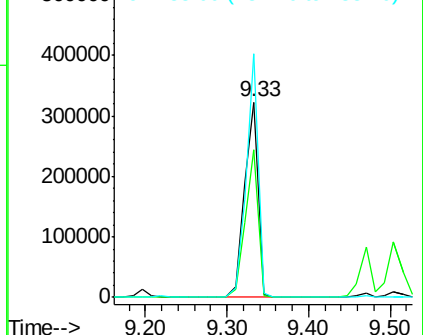
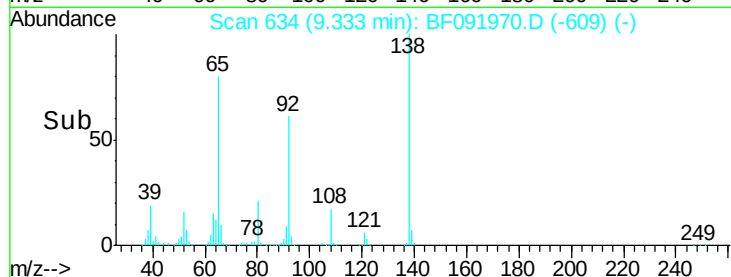
65 100

92 75.6 53.9 80.9

138 124.9 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.15 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

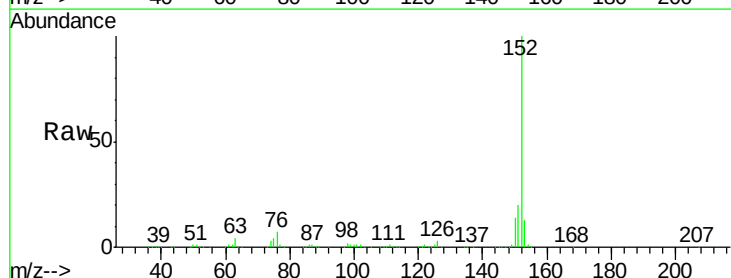
Tgt Ion: 152 Resp: 1547154

Ion Ratio Lower Upper

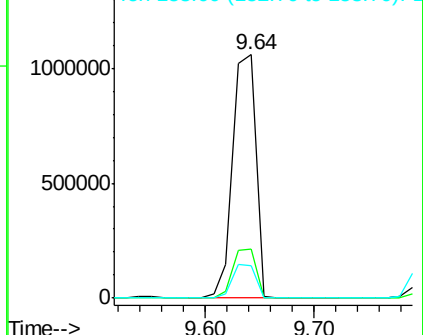
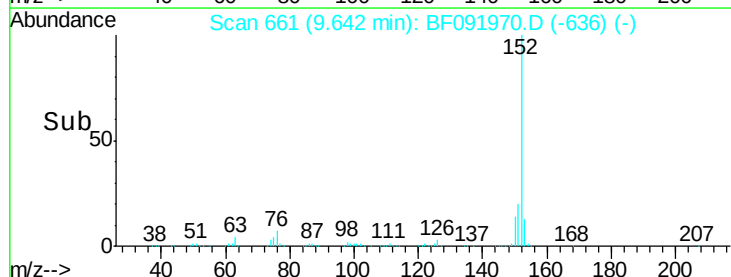
152 100

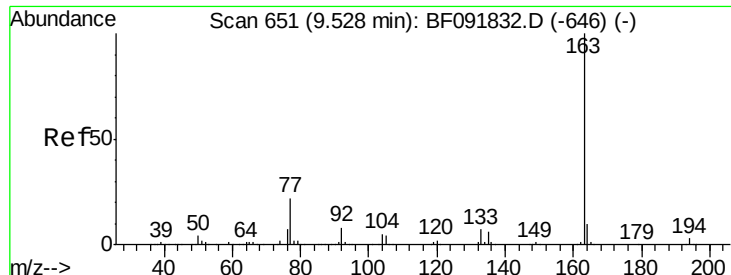
151 20.0 16.9 25.3

153 13.2 11.4 17.2



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





#49

Dimethylphthalate

Concen: 41.44 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

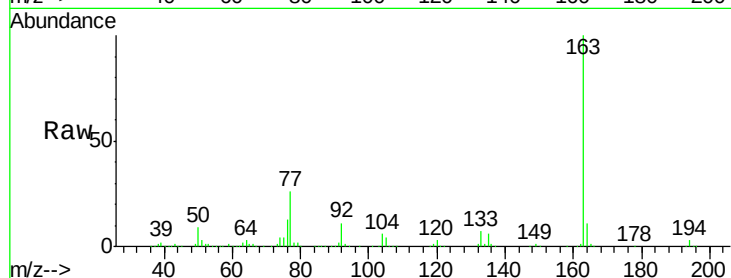
Tgt Ion:163 Resp: 1224612

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

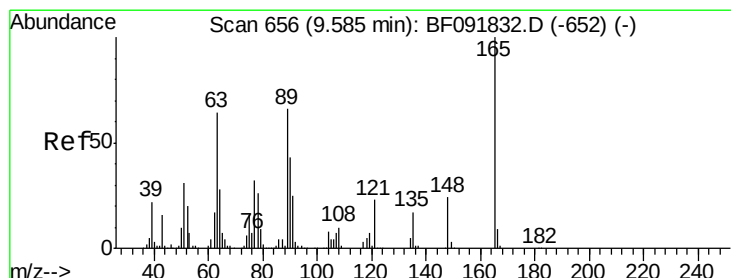
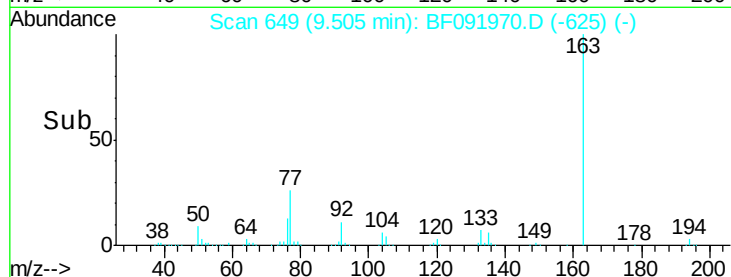
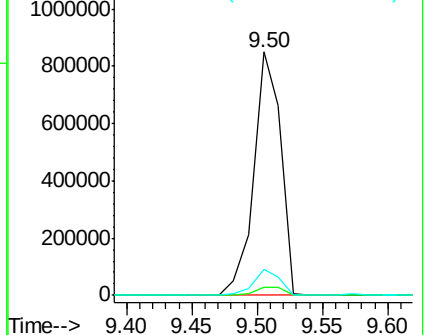
164 10.7 8.0 12.0



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: 46.41 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

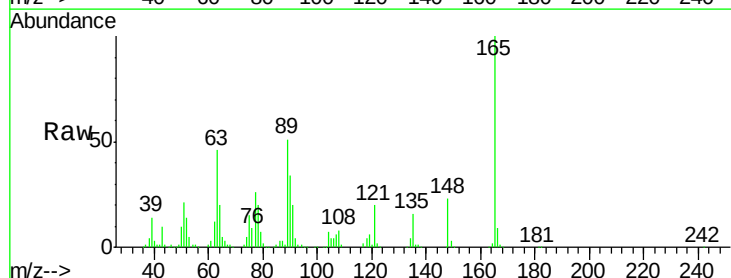
Tgt Ion:165 Resp: 300209

Ion Ratio Lower Upper

165 100

63 45.6 36.2 54.4

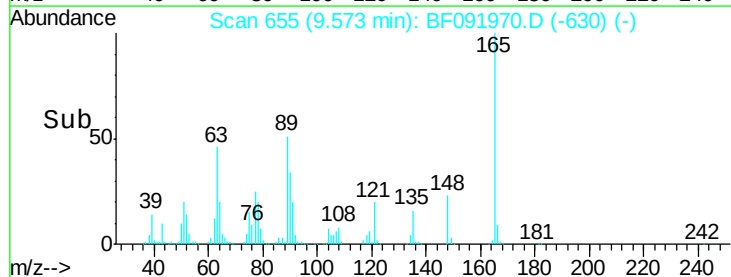
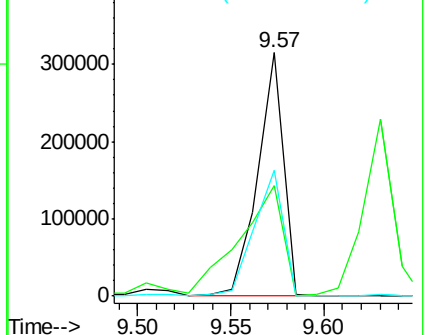
89 51.5 40.2 60.4

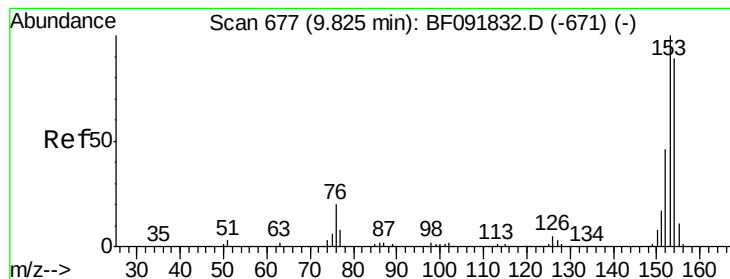


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.46 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

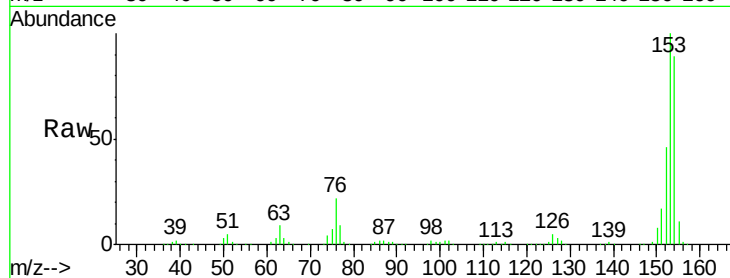
Tgt Ion:154 Resp: 978592

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

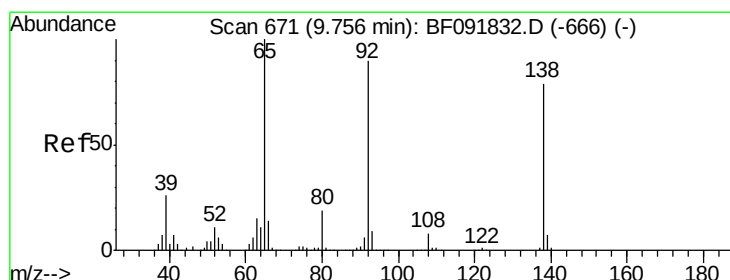
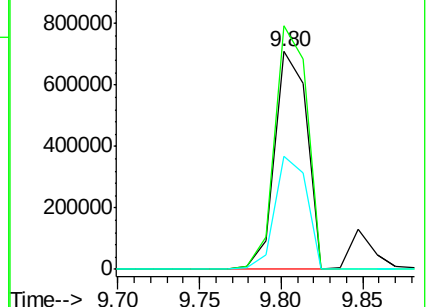
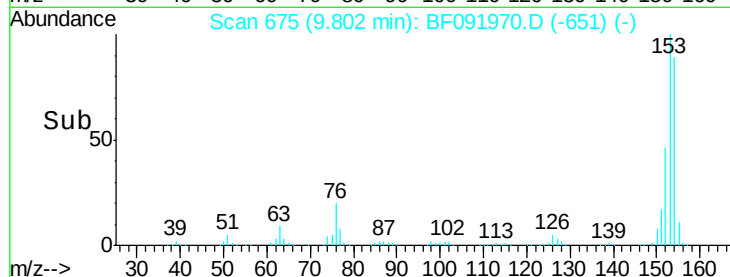
152 51.6 41.6 62.4



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: 19.73 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

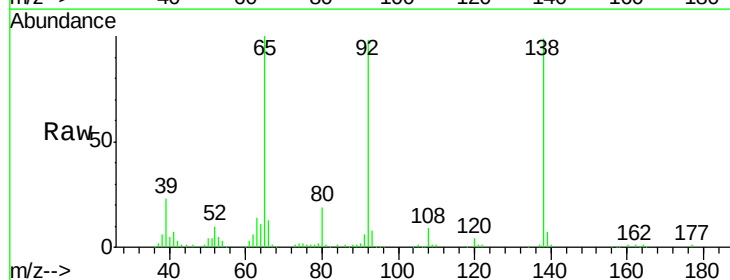
Tgt Ion:138 Resp: 157938

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

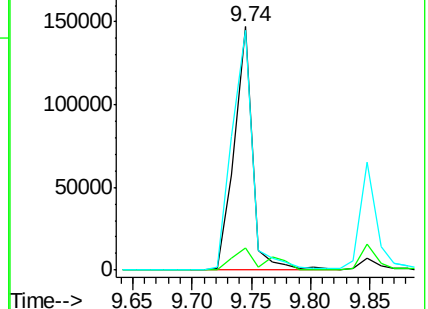
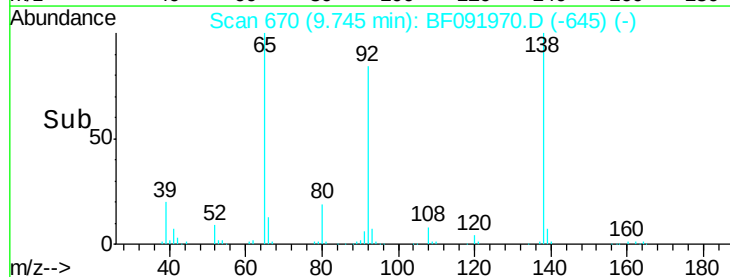
92 98.7 97.8 146.8

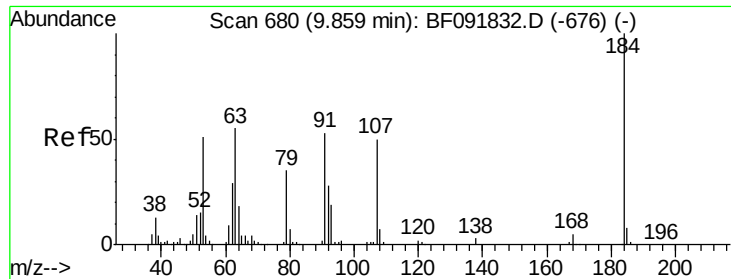


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

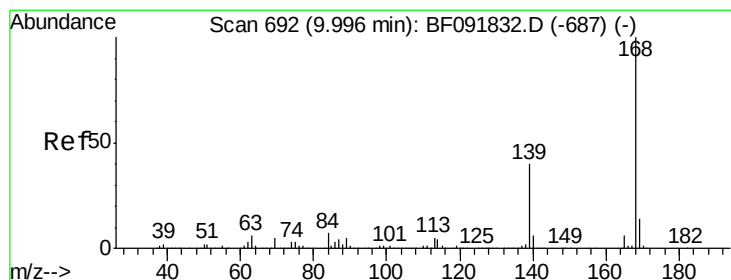
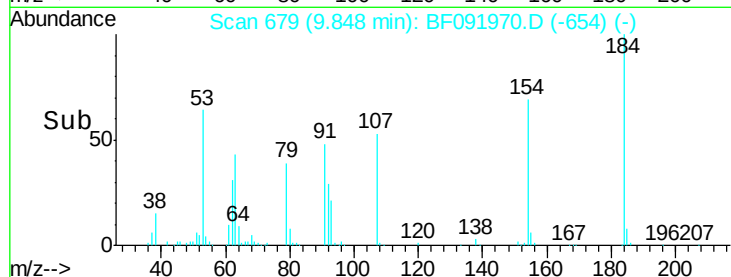
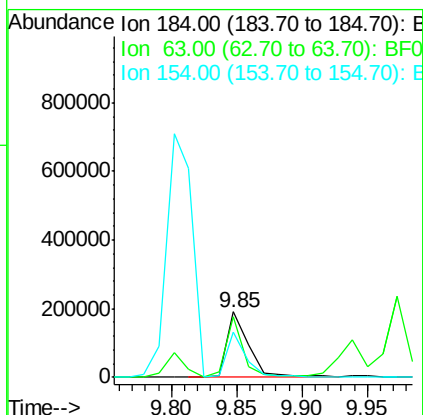
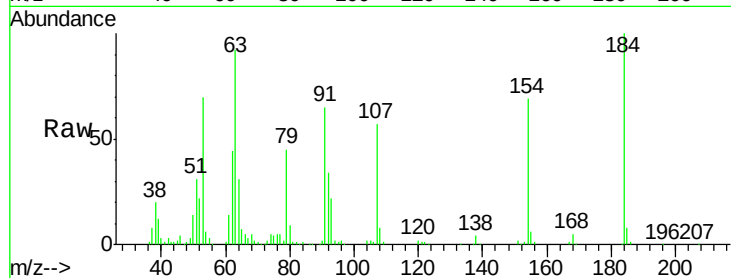




#53  
2,4-Dinitrophenol  
Concen: 62.01 ng  
RT: 9.85 min Scan# 679  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

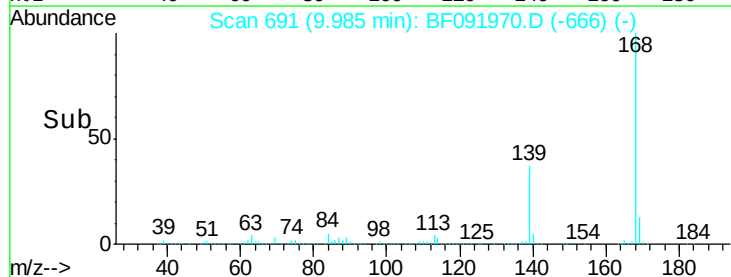
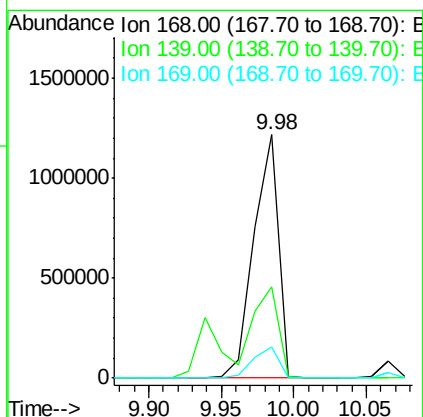
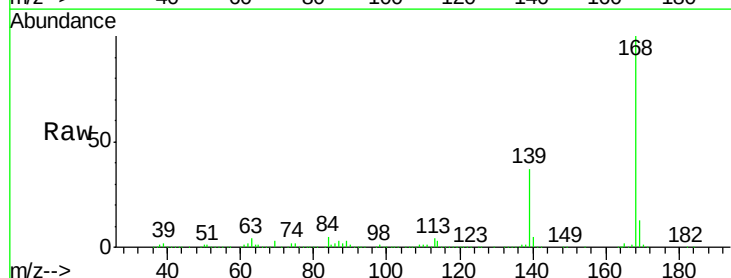
Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

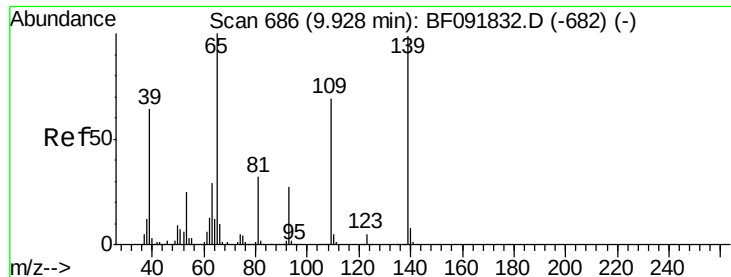
Tgt Ion:184 Resp: 223189  
Ion Ratio Lower Upper  
184 100  
63 92.4 28.4 42.6#  
154 69.0 44.3 66.5#



#54  
Dibenzofuran  
Concen: 40.58 ng  
RT: 9.98 min Scan# 691  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Tgt Ion:168 Resp: 1431578  
Ion Ratio Lower Upper  
168 100  
139 37.4 32.6 49.0  
169 13.1 11.3 16.9

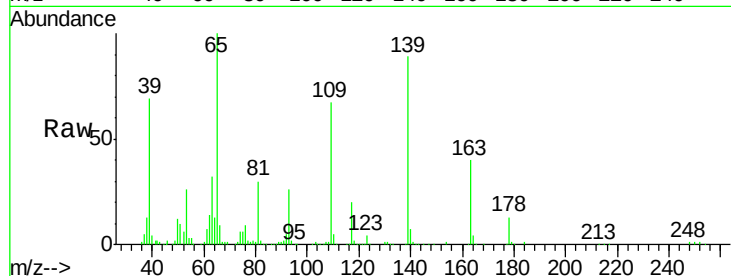




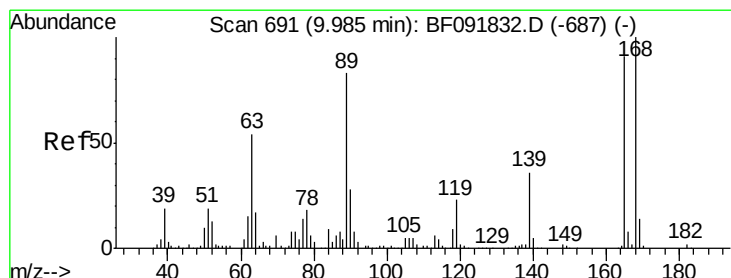
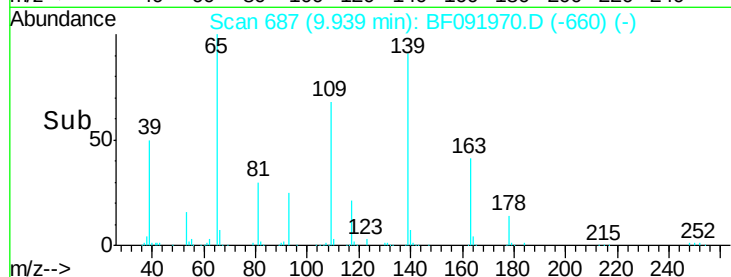
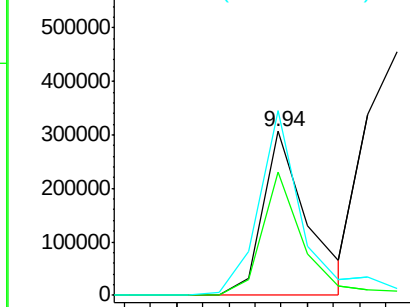
#55  
4-Nitrophenol  
Concen: 67.30 ng  
RT: 9.94 min Scan# 687  
Delta R.T. 0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

Tgt Ion:139 Resp: 365800  
Ion Ratio Lower Upper  
139 100  
109 75.3 52.2 92.2  
65 112.6 85.8 125.8

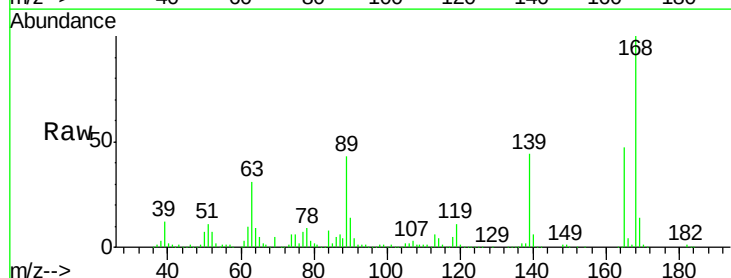


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

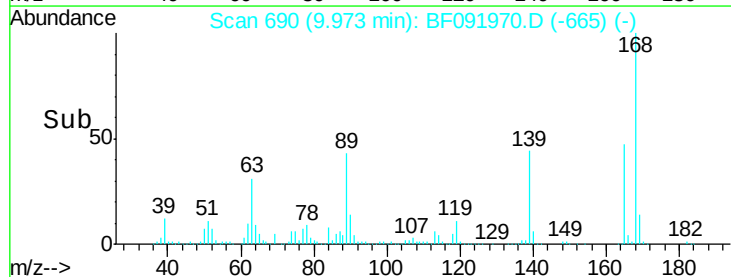
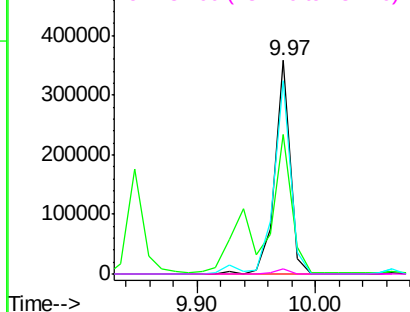


#56  
2,4-Dinitrotoluene  
Concen: 39.76 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

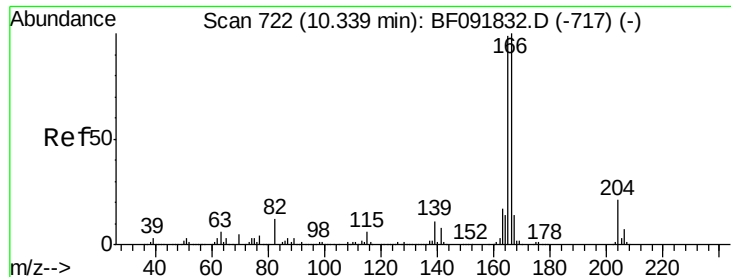
Tgt Ion:165 Resp: 322821  
Ion Ratio Lower Upper  
165 100  
63 65.6 40.2 60.4#  
89 90.5 62.5 93.7  
182 2.2 1.8 2.8



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



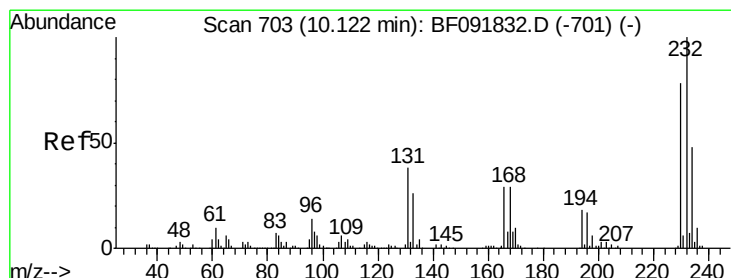
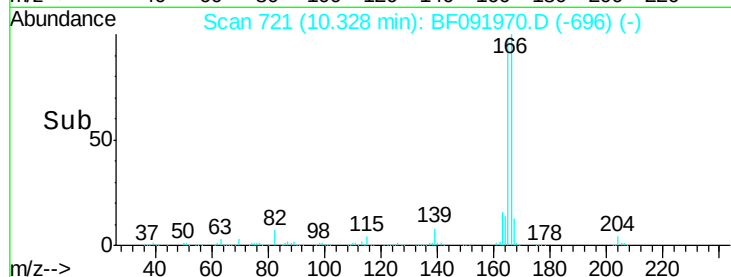
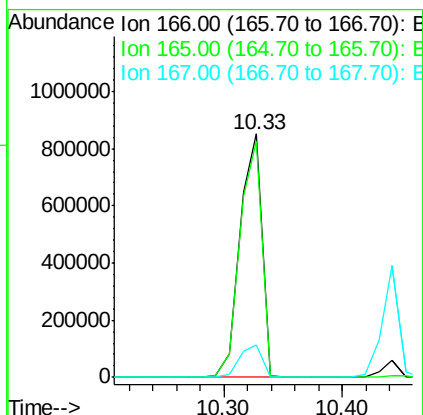
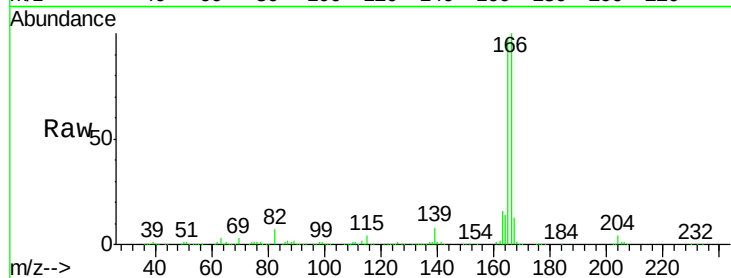




#57  
 Fluorene  
 Concen: 42.63 ng  
 RT: 10.33 min Scan# 721  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

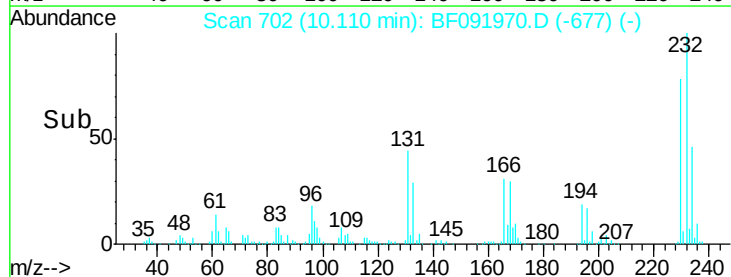
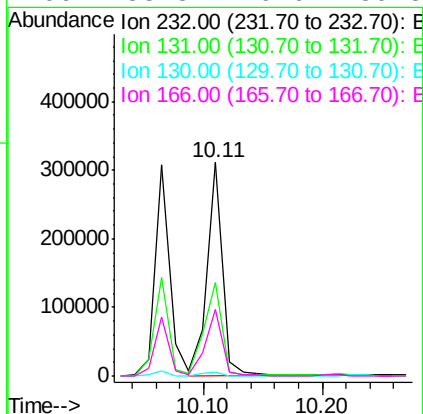
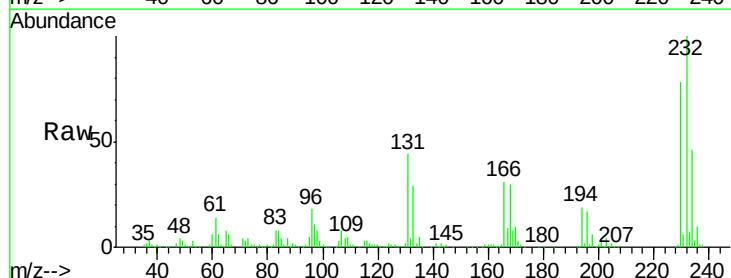
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB95629BSD

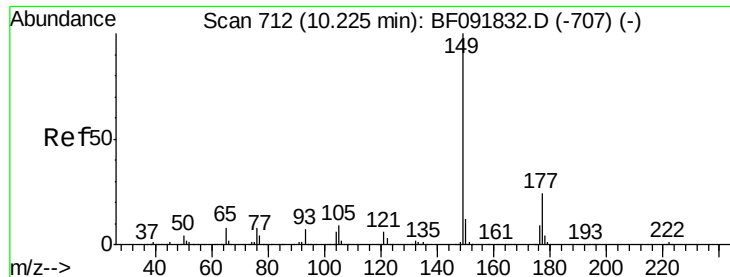
Tgt Ion:166 Resp: 1094211  
 Ion Ratio Lower Upper  
 166 100  
 165 96.9 77.8 116.8  
 167 13.1 10.8 16.2



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.51 ng  
 RT: 10.11 min Scan# 702  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion:232 Resp: 282521  
 Ion Ratio Lower Upper  
 232 100  
 131 51.2 40.1 60.1  
 130 2.4 1.8 2.8  
 166 33.3 26.6 39.8

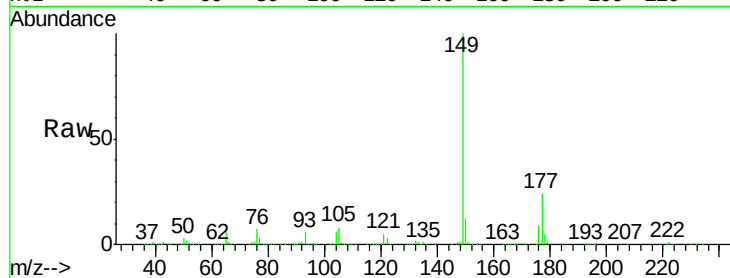




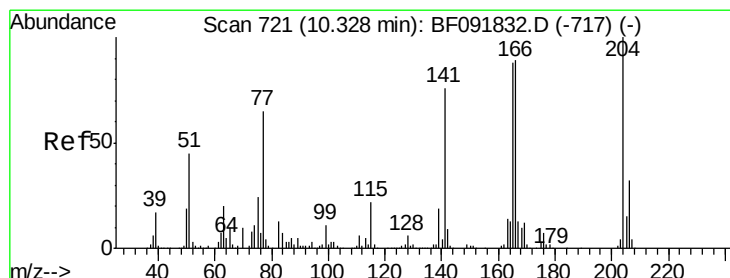
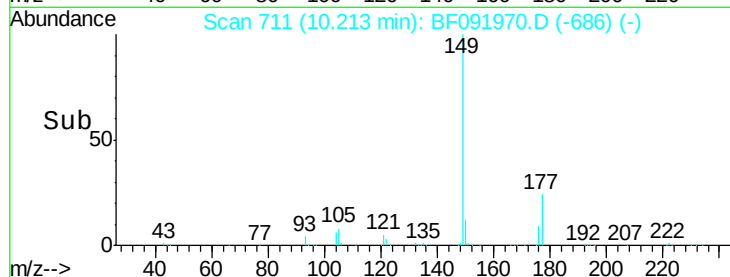
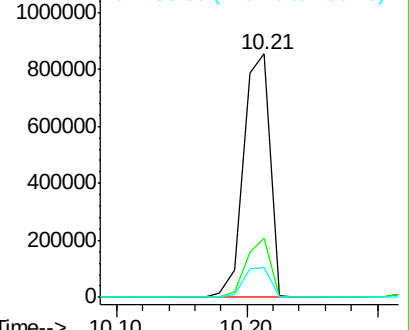
#59  
Diethylphthalate  
Concen: 42.13 ng  
RT: 10.21 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

Tgt Ion:149 Resp: 1209103  
Ion Ratio Lower Upper  
149 100  
177 24.3 16.6 25.0  
150 12.2 10.4 15.6

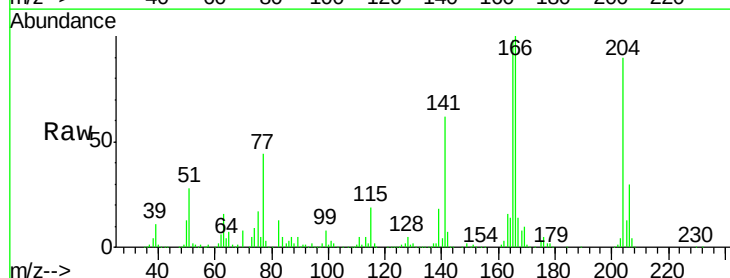


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

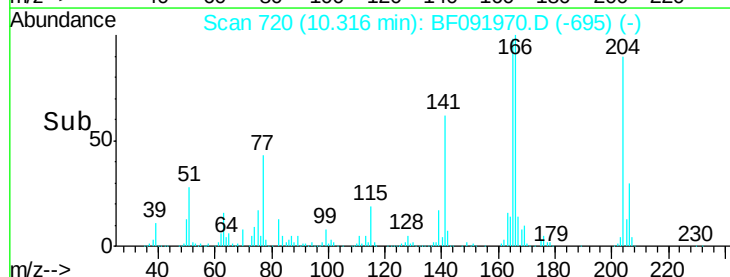
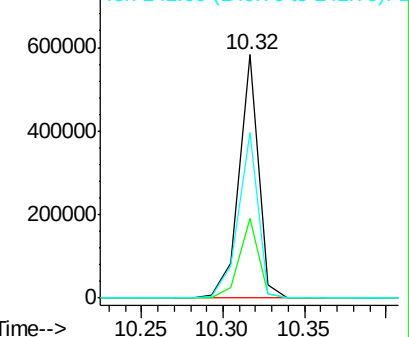


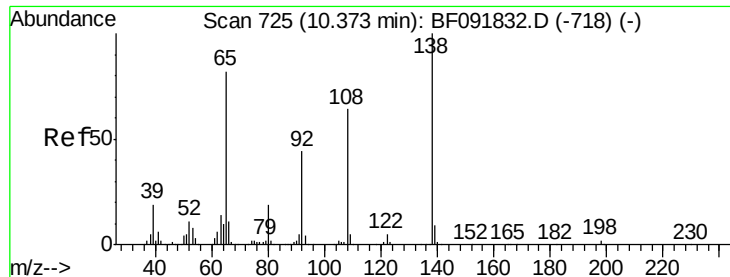
#60  
4-Chlorophenyl-phenylether  
Concen: 42.99 ng  
RT: 10.32 min Scan# 720  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Tgt Ion:204 Resp: 483090  
Ion Ratio Lower Upper  
204 100  
206 32.9 25.8 38.6  
141 68.3 59.4 89.0



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

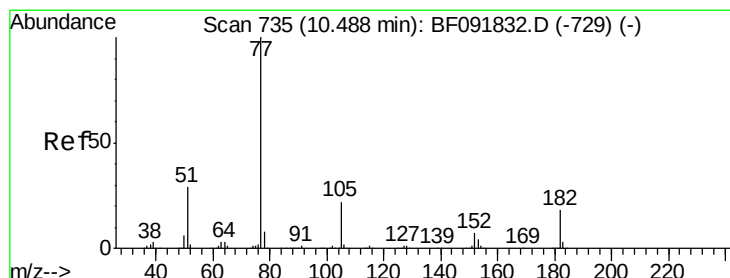
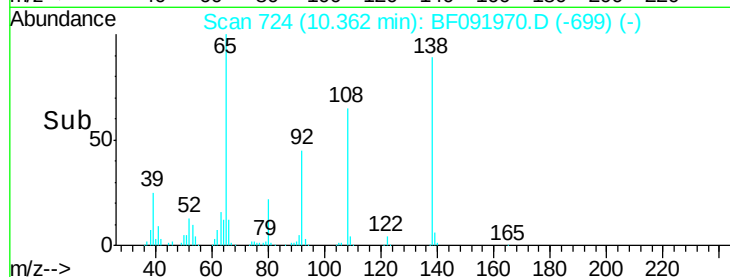
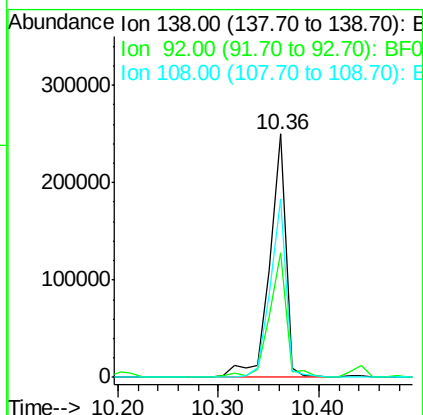
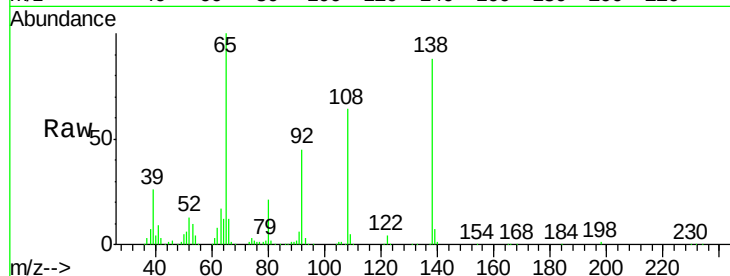




#61  
4-Nitroaniline  
Concen: 34.00 ng  
RT: 10.36 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

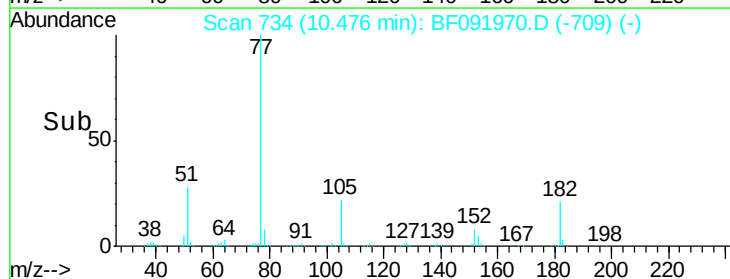
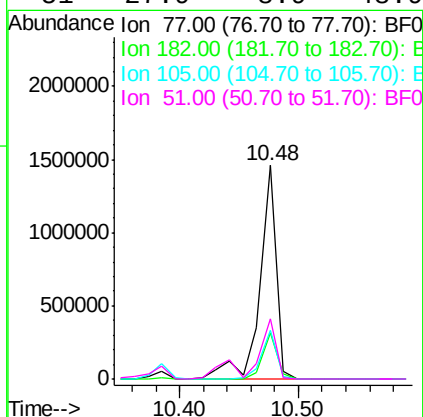
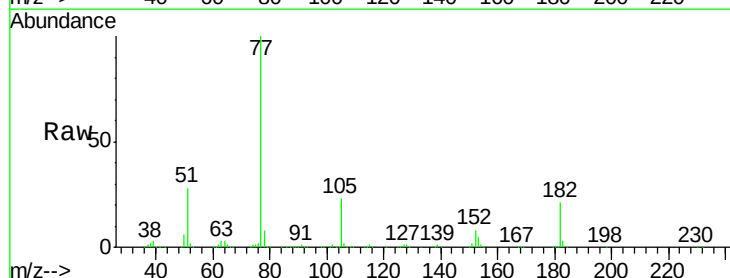
Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

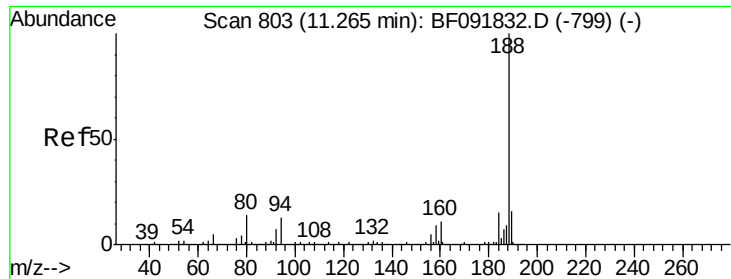
Tgt Ion:138 Resp: 282008  
Ion Ratio Lower Upper  
138 100  
92 51.4 31.7 71.7  
108 73.0 52.6 92.6



#62  
Azobenzene  
Concen: 44.90 ng  
RT: 10.48 min Scan# 734  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Tgt Ion: 77 Resp: 1418864  
Ion Ratio Lower Upper  
77 100  
182 21.3 0.0 39.3  
105 22.9 2.3 42.3  
51 27.9 8.9 48.9

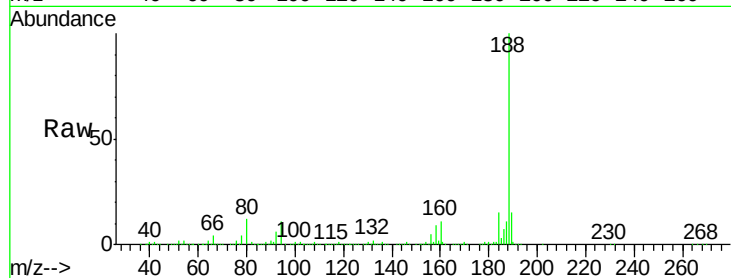




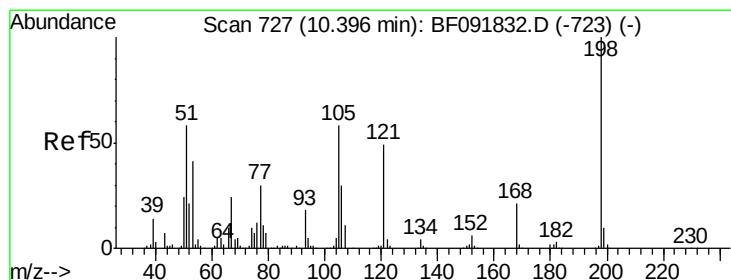
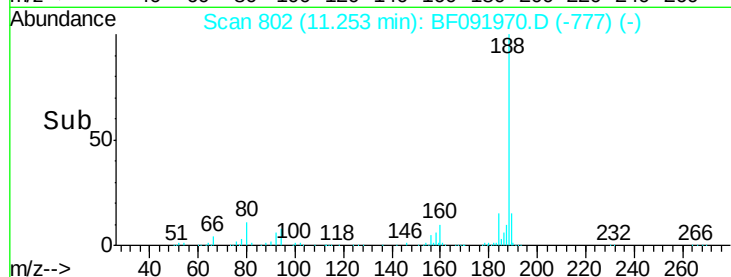
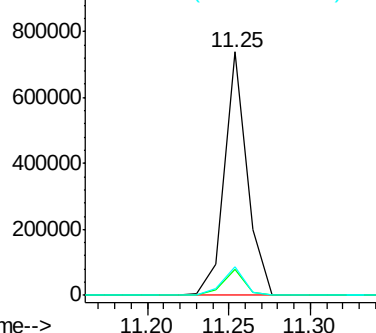
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.25 min Scan# 802  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

Tgt Ion:188 Resp: 713701  
Ion Ratio Lower Upper  
188 100  
94 10.6 10.0 15.0  
80 11.8 11.2 16.8

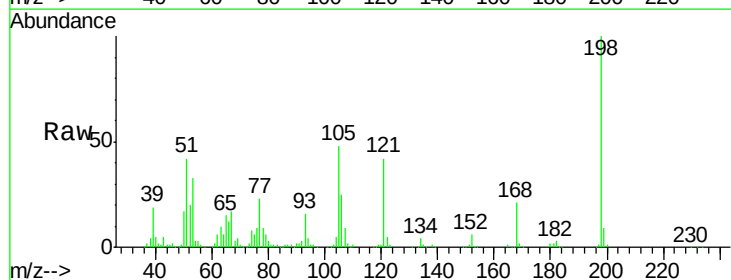


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

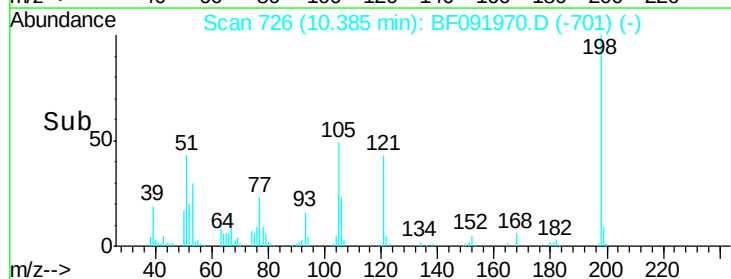
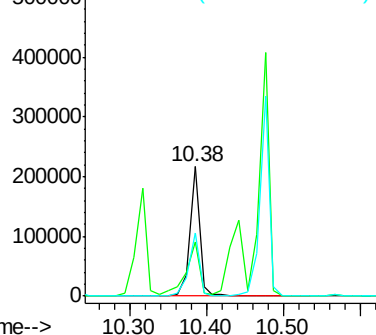


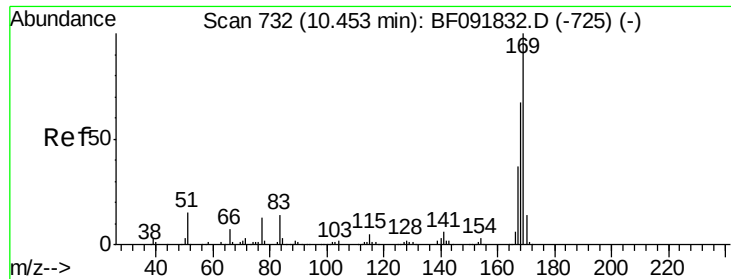
#64  
4,6-Dinitro-2-methylphenol  
Concen: 44.56 ng  
RT: 10.38 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Tgt Ion:198 Resp: 192319  
Ion Ratio Lower Upper  
198 100  
51 41.9 6.7 46.7  
105 48.3 16.6 56.6



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: 47.59 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

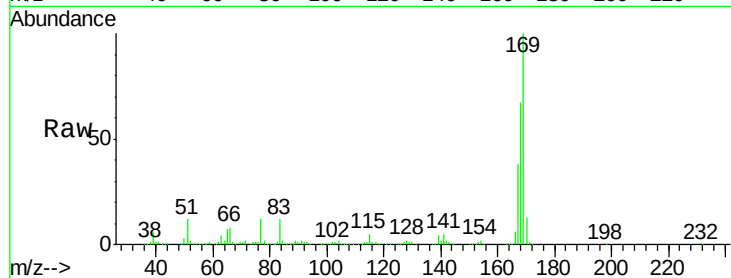
Tgt Ion:169 Resp: 1007793

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

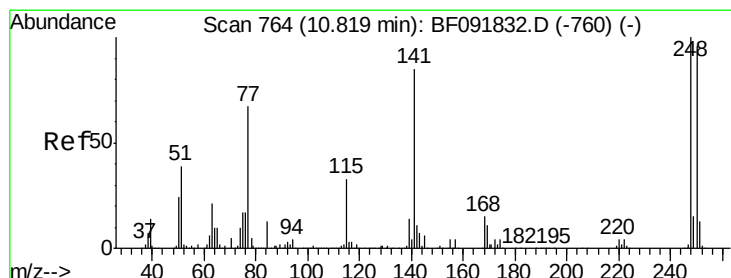
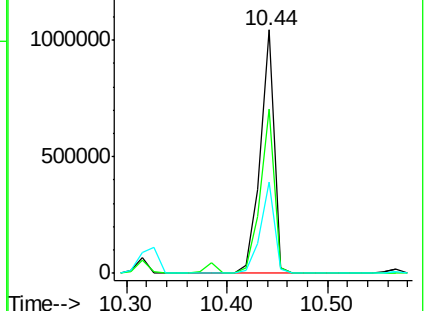
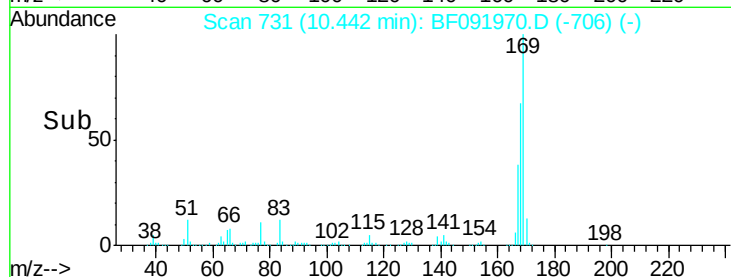
167 37.6 30.2 45.4



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: 46.45 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

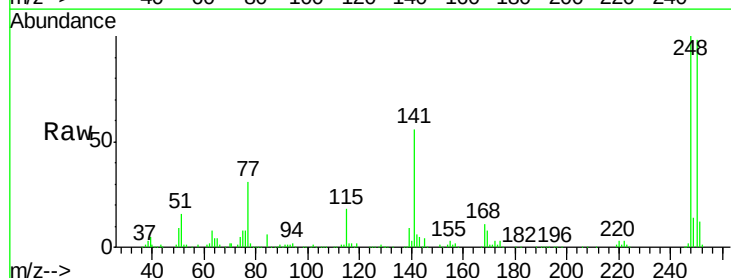
Tgt Ion:248 Resp: 344842

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

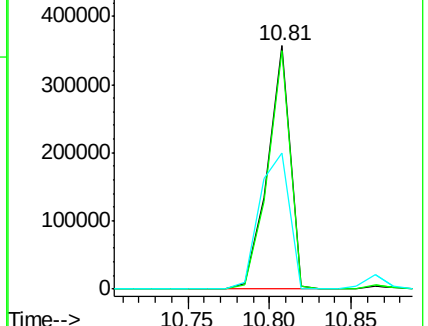
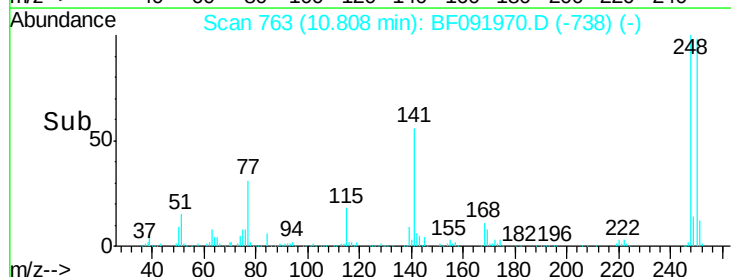
141 56.1 68.2 102.4#

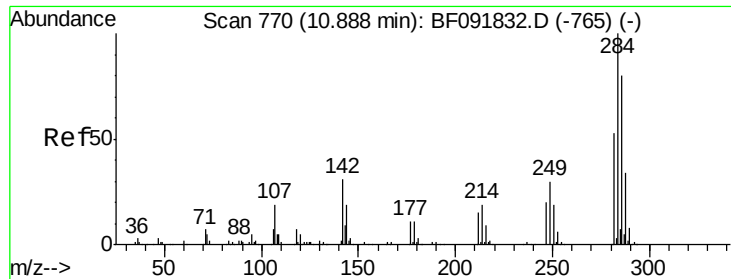


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.91 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

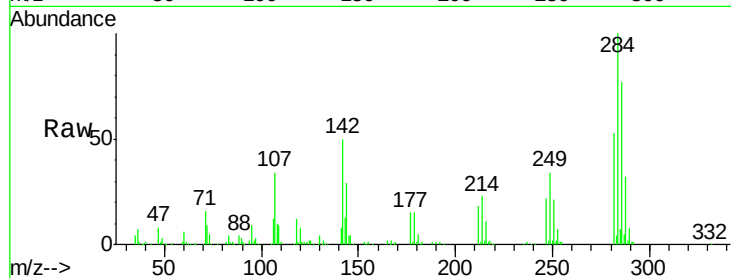
Tgt Ion:284 Resp: 324635

Ion Ratio Lower Upper

284 100

142 49.8 22.6 33.8#

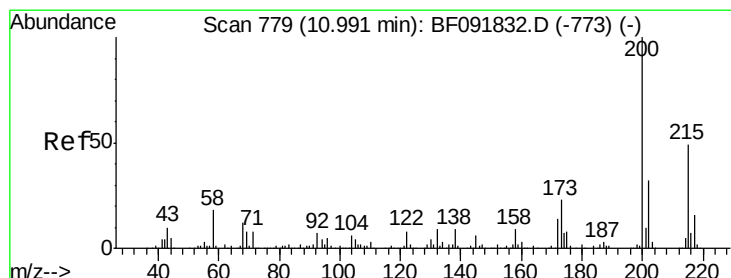
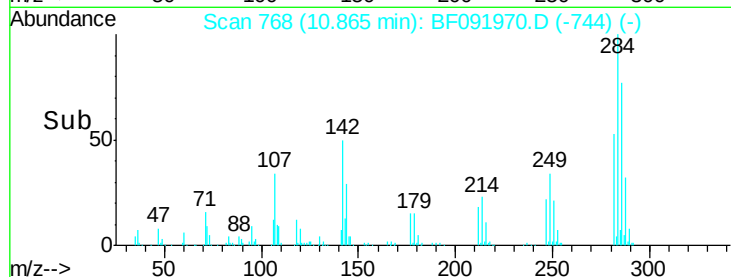
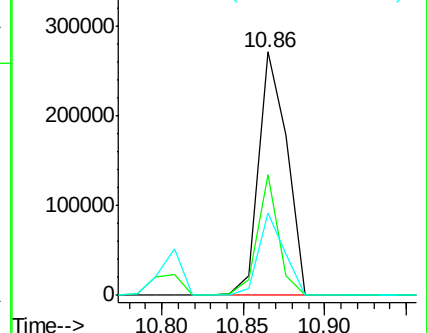
249 33.6 25.4 38.0



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: 43.92 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

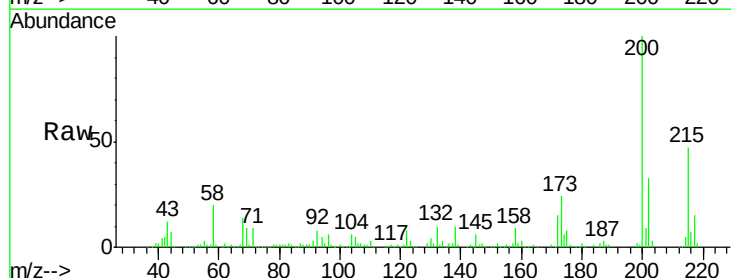
Tgt Ion:200 Resp: 300005

Ion Ratio Lower Upper

200 100

173 23.6 9.6 49.6

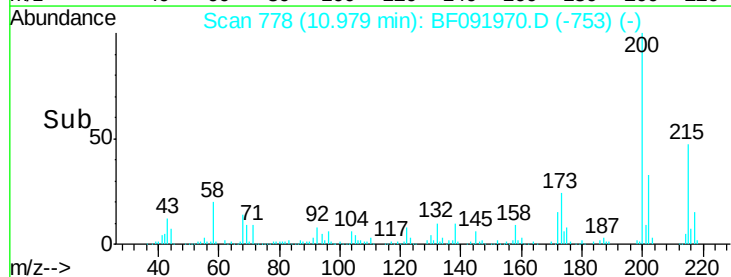
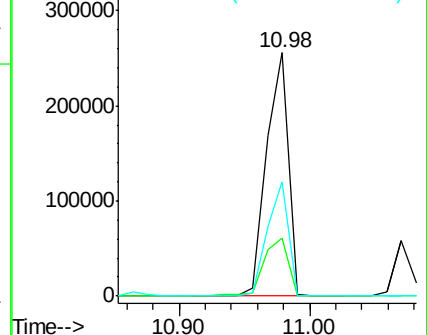
215 46.8 25.7 65.7

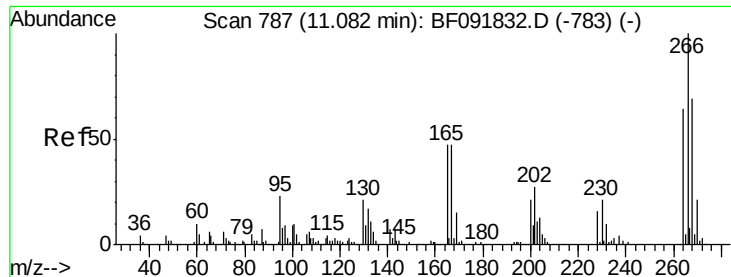


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

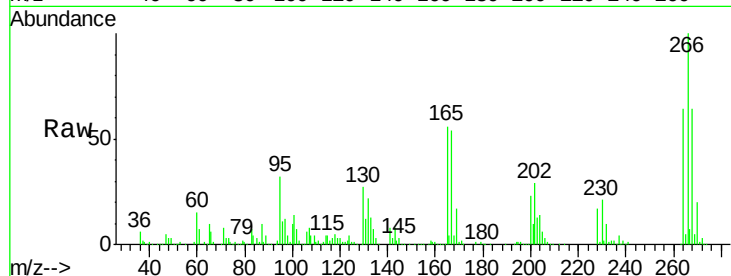




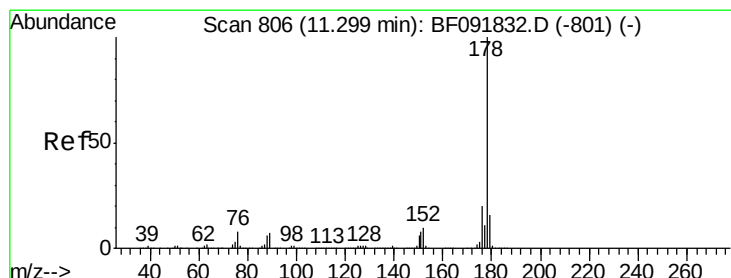
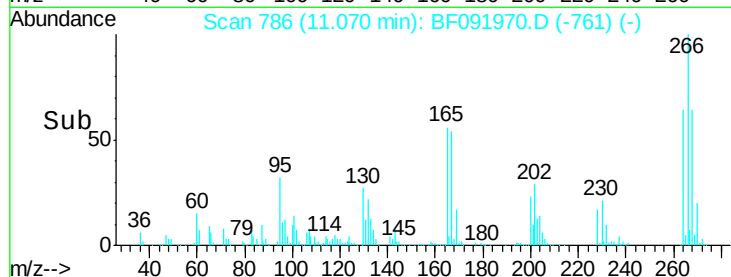
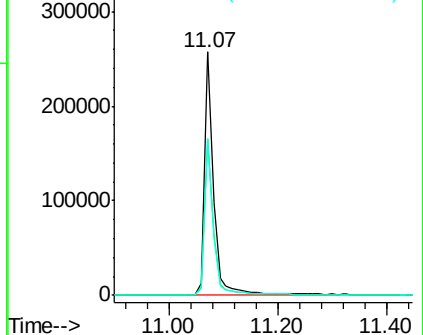
#69  
 Pentachlorophenol  
 Concen: 76.98 ng  
 RT: 11.07 min Scan# 786  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

Tgt Ion:266 Resp: 299736  
 Ion Ratio Lower Upper  
 266 100  
 268 64.2 53.3 79.9  
 264 64.3 50.3 75.5

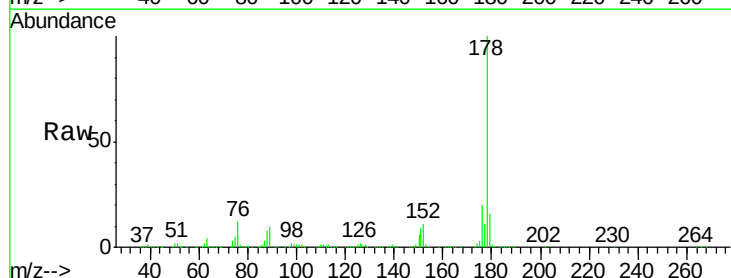


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

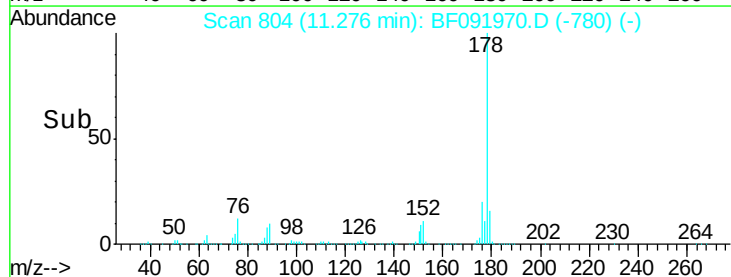
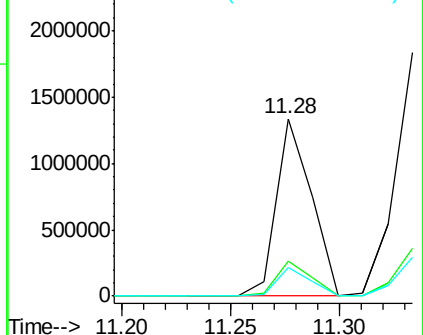


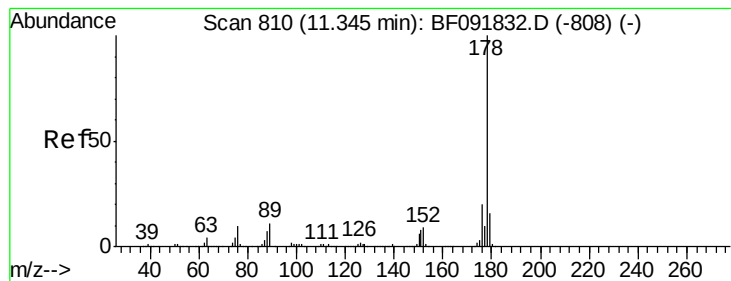
#70  
 Phenanthrene  
 Concen: 39.10 ng  
 RT: 11.28 min Scan# 804  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion:178 Resp: 1513284  
 Ion Ratio Lower Upper  
 178 100  
 176 19.8 16.6 25.0  
 179 16.3 12.8 19.2



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





#71

Anthracene

Concen: 52.34 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

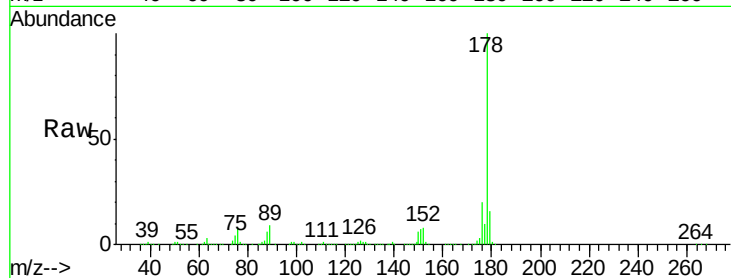
Tgt Ion:178 Resp: 1696167

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

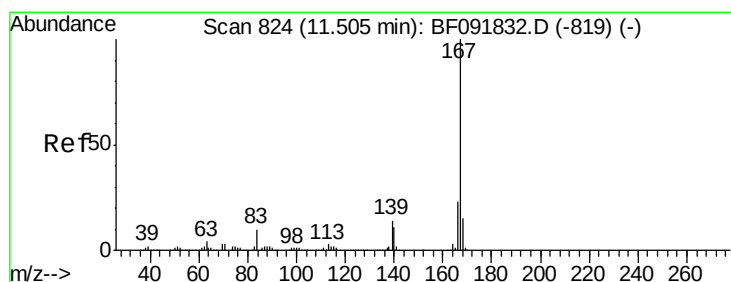
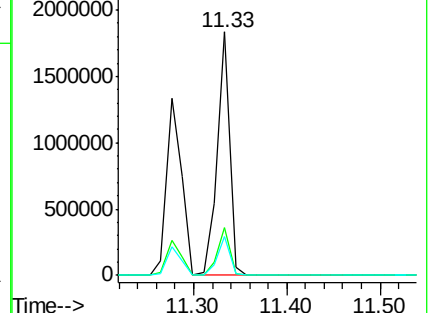
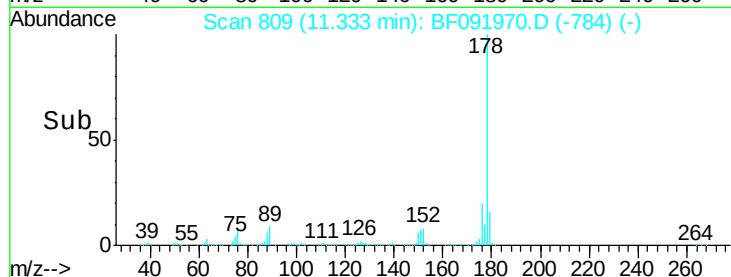
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.66 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

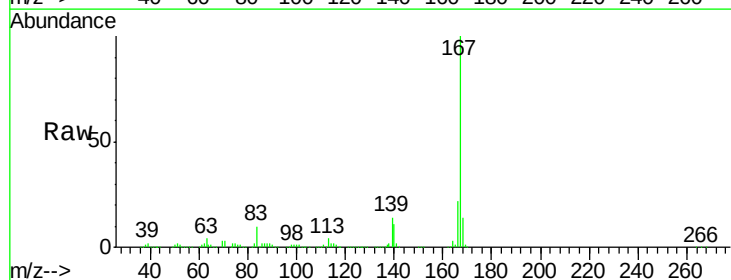
Tgt Ion:167 Resp: 1351530

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

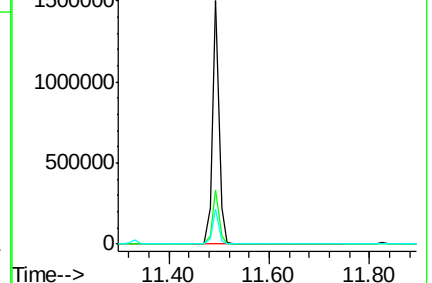
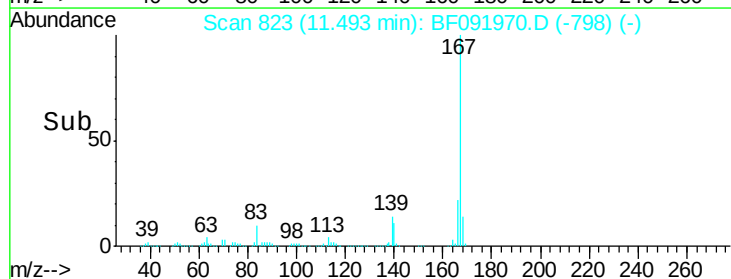
139 14.3 11.4 17.2



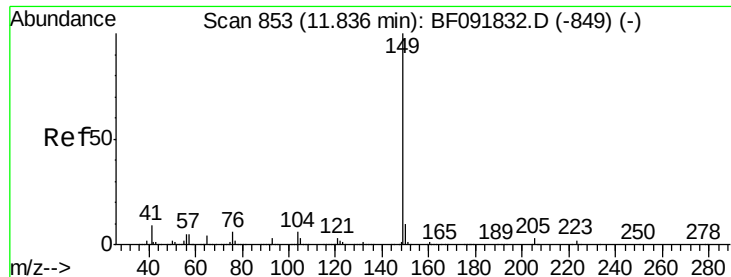
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 46.11 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

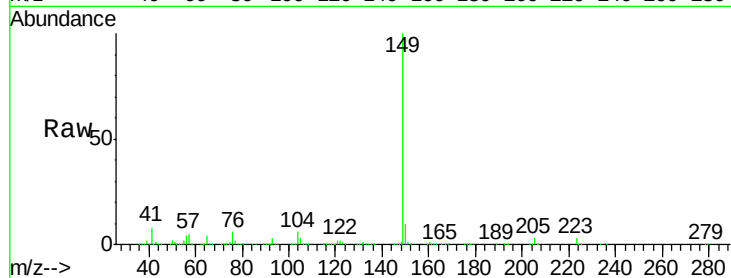
Tgt Ion:149 Resp: 1687087

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

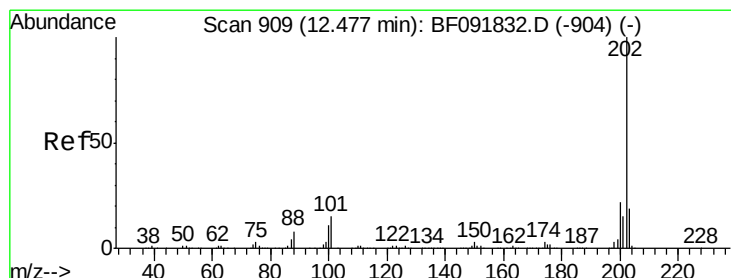
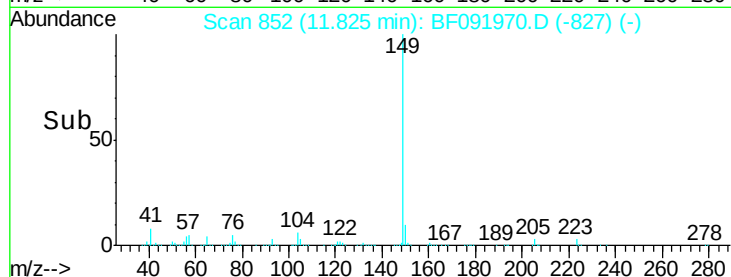
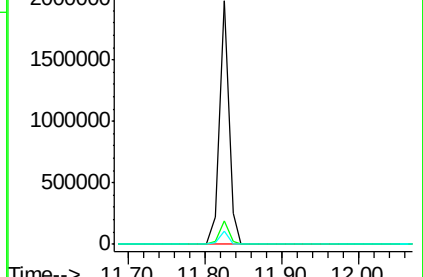
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.50 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

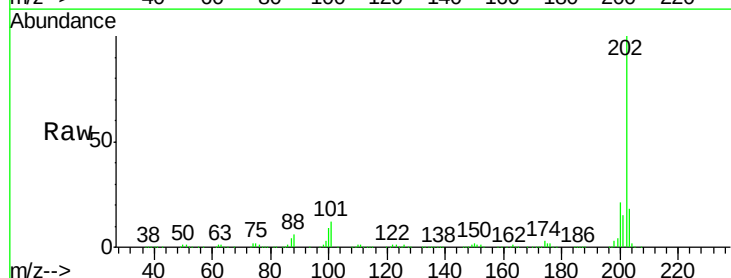
Tgt Ion:202 Resp: 1574474

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.6

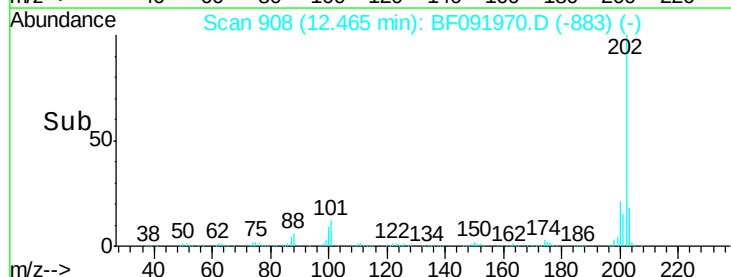
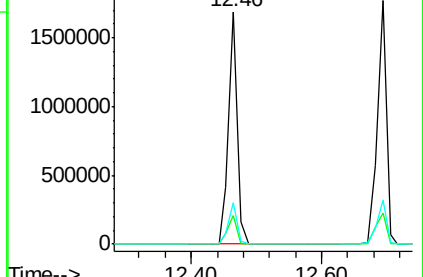
203 18.1 0.0 38.7

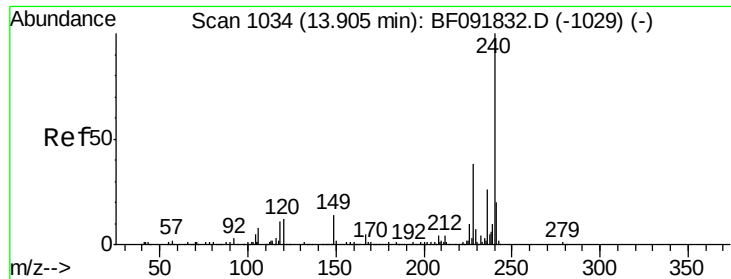


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

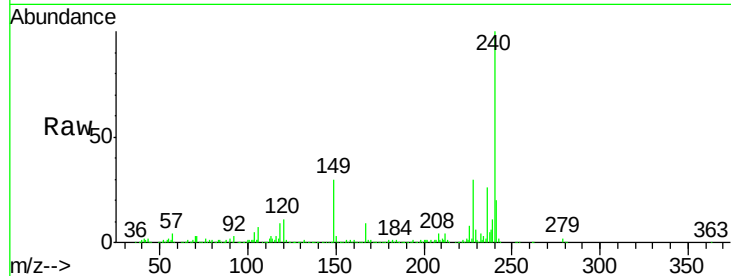
Tgt Ion:240 Resp: 520888

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

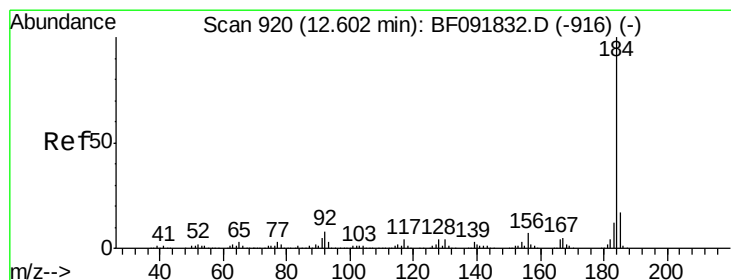
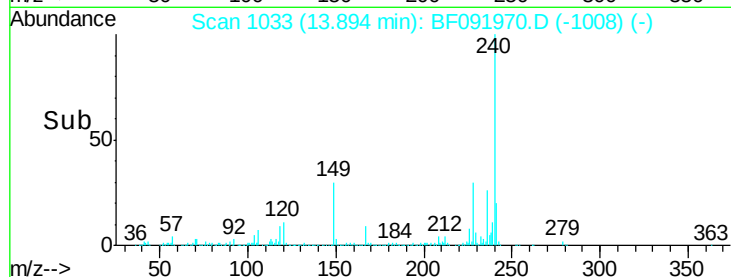
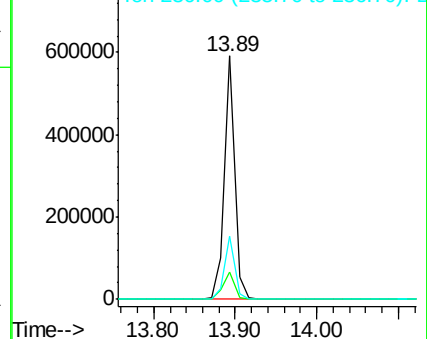
236 26.1 20.9 31.3



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: 48.20 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

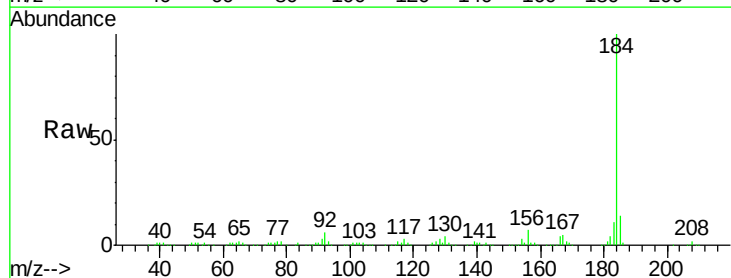
Tgt Ion:184 Resp: 628732

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

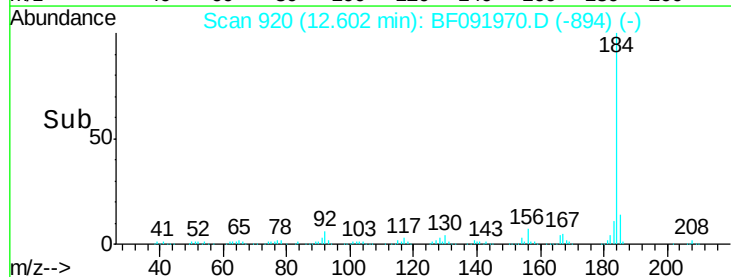
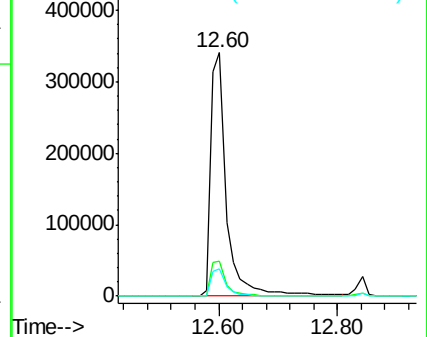
183 11.3 9.2 13.8

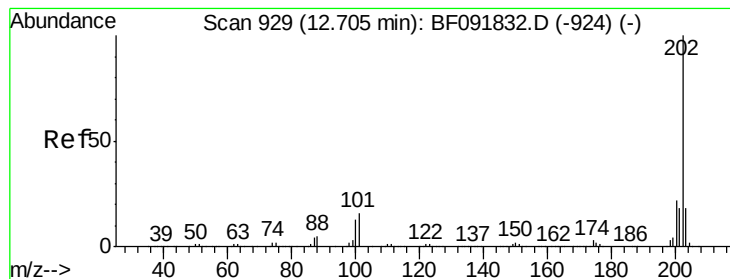


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.70 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

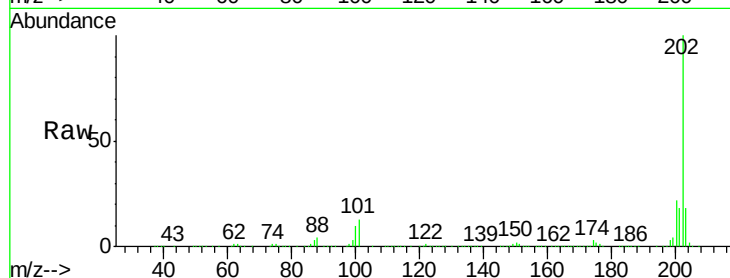
Tgt Ion:202 Resp: 1670154

Ion Ratio Lower Upper

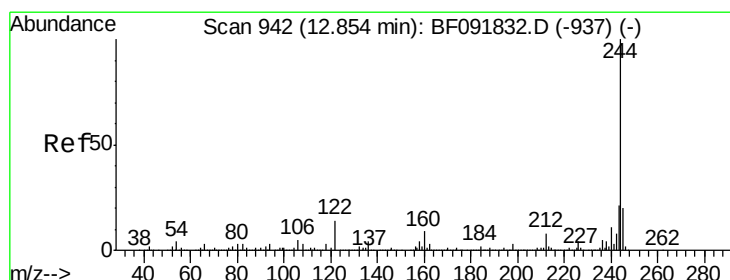
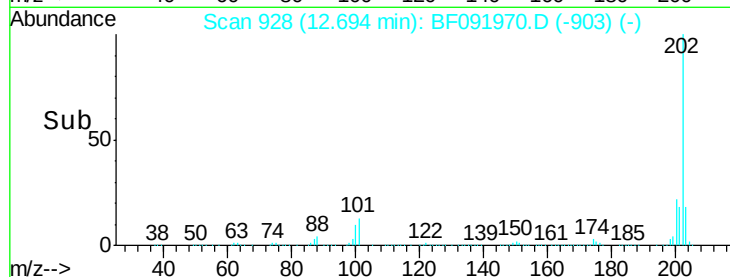
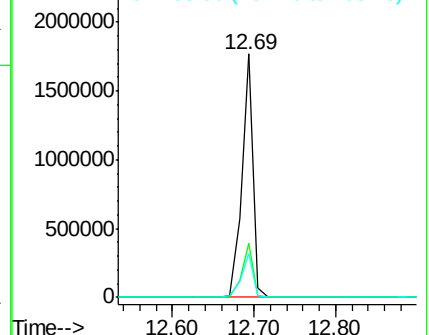
202 100

200 22.0 17.7 26.5

203 18.2 14.7 22.1



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: 82.55 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

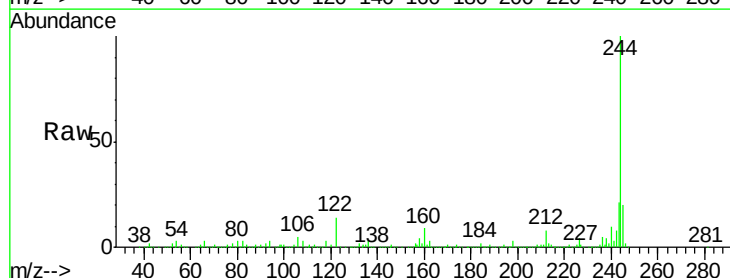
Tgt Ion:244 Resp: 1772910

Ion Ratio Lower Upper

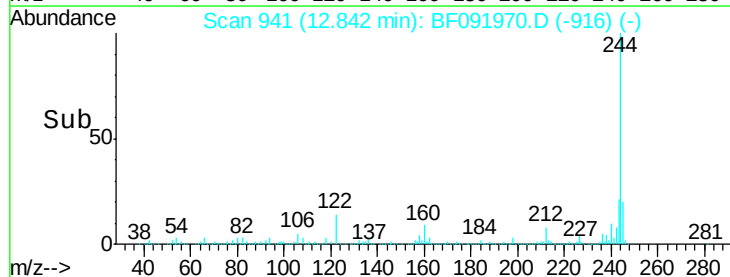
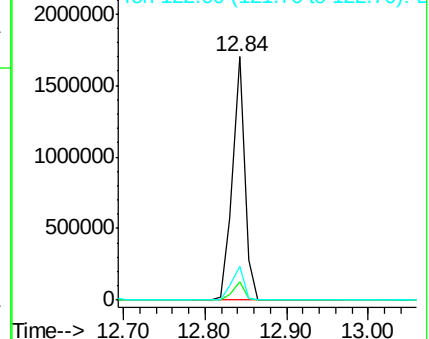
244 100

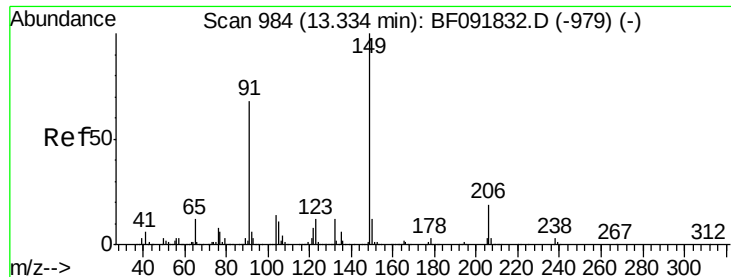
212 7.5 6.2 9.2

122 13.7 11.4 17.2



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

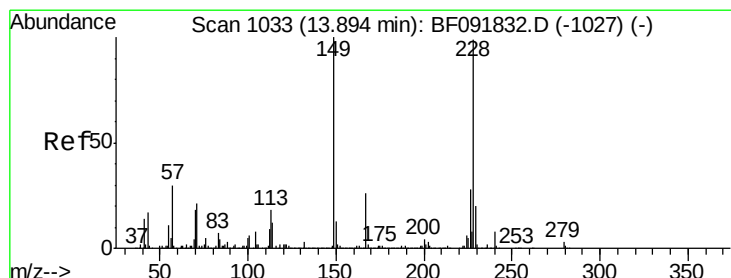
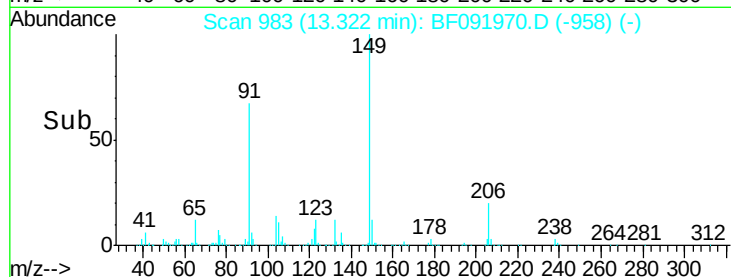
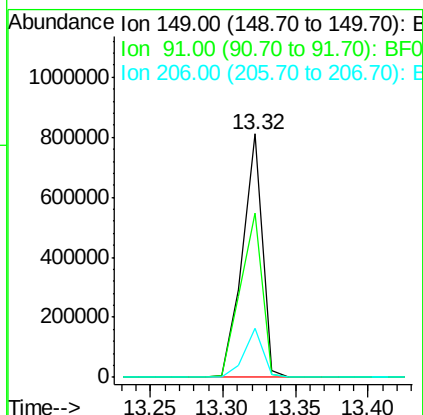
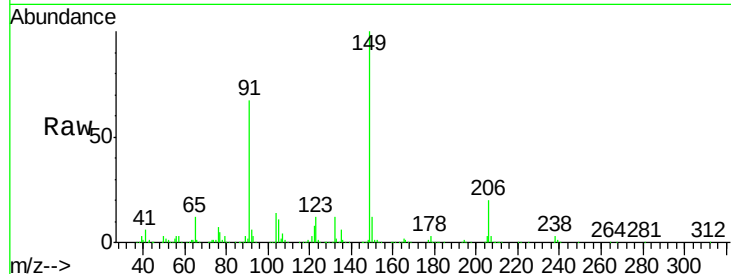




#79  
Butylbenzylphthalate  
Concen: 44.65 ng  
RT: 13.32 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

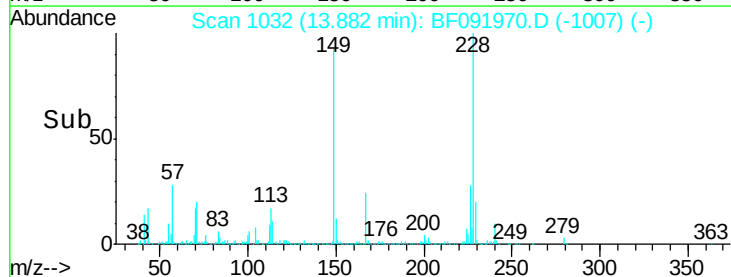
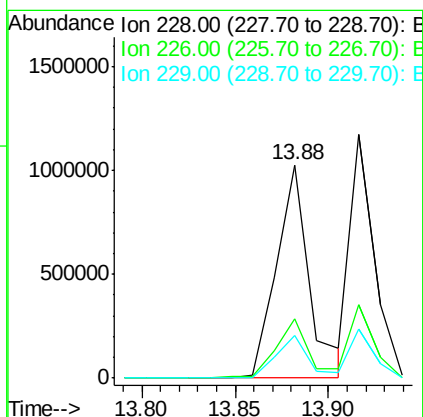
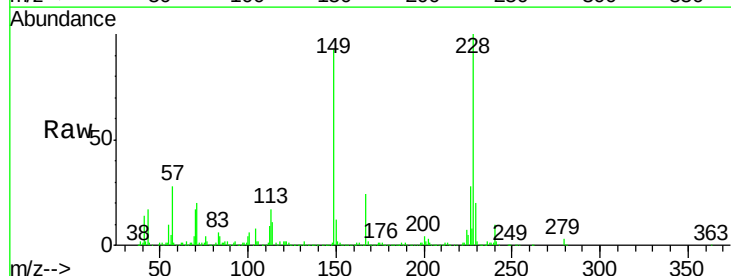
Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

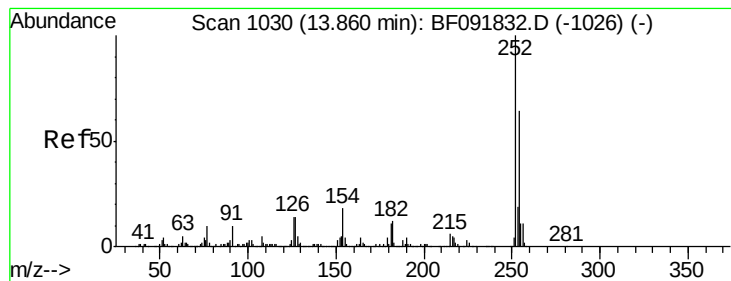
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.4  | 63.9  | 95.9  |
| 206     | 19.9  | 14.6  | 21.8  |



#80  
Benzo(a)anthracene  
Concen: 43.12 ng  
RT: 13.88 min Scan# 1032  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.8  | 22.4  | 33.6  |
| 229     | 20.3  | 16.2  | 24.4  |

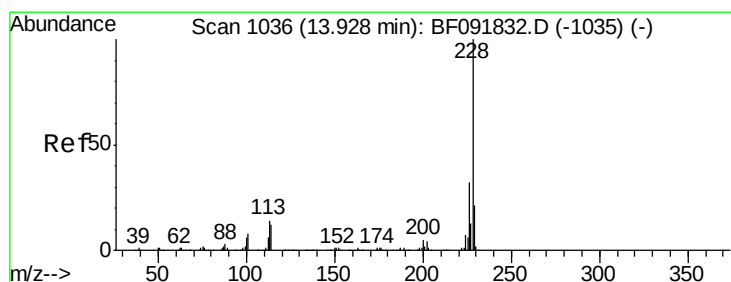
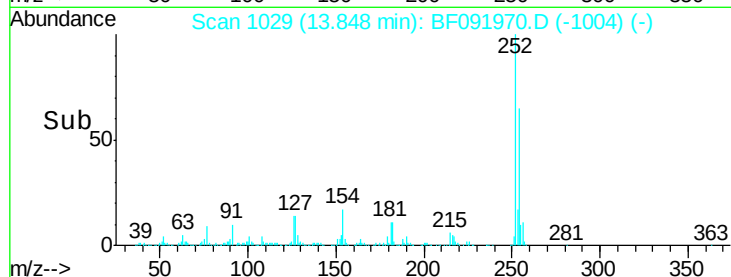
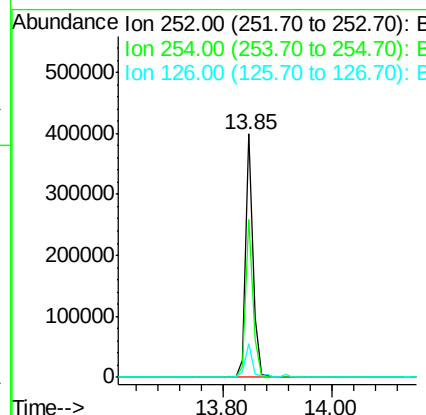
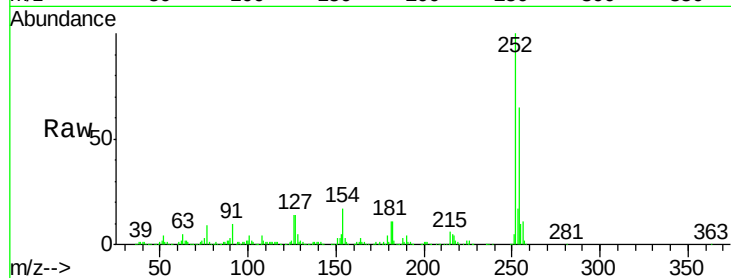




#81  
 3,3'-Dichlorobenzidine  
 Concen: 33.50 ng  
 RT: 13.85 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

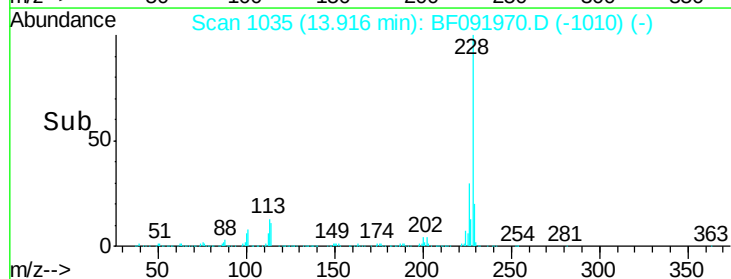
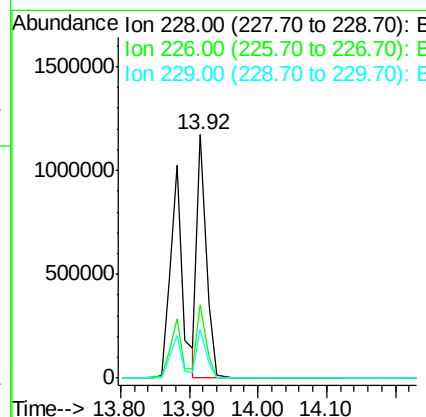
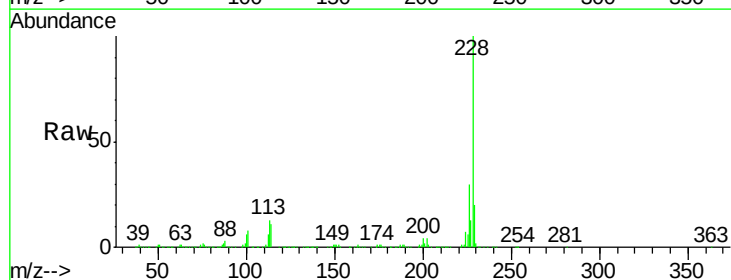
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

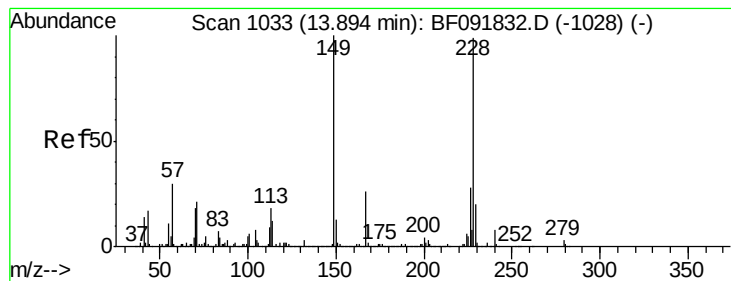
Tgt Ion:252 Resp: 373520  
 Ion Ratio Lower Upper  
 252 100  
 254 64.6 52.3 78.5  
 126 13.7 13.6 20.4



#82  
 Chrysene  
 Concen: 36.40 ng  
 RT: 13.92 min Scan# 1035  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion:228 Resp: 1073674  
 Ion Ratio Lower Upper  
 228 100  
 226 30.4 25.4 38.0  
 229 20.2 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.97 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

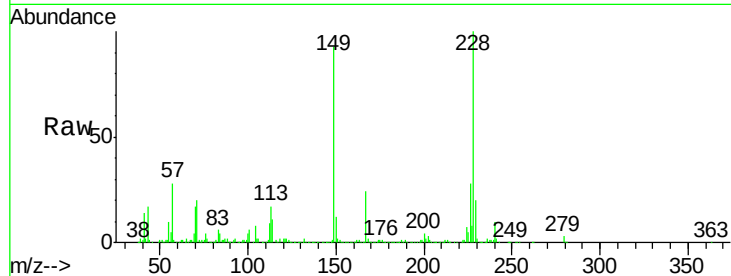
Tgt Ion:149 Resp: 900095

Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.4

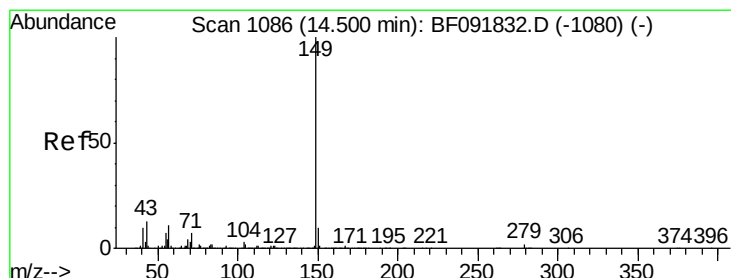
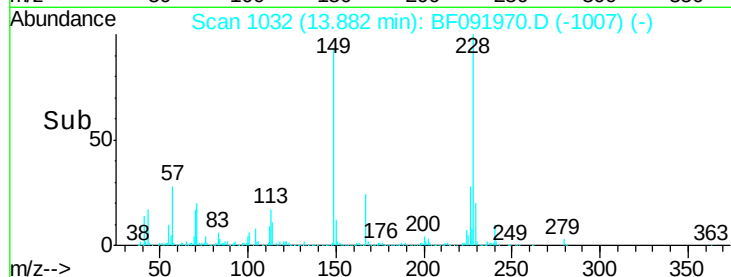
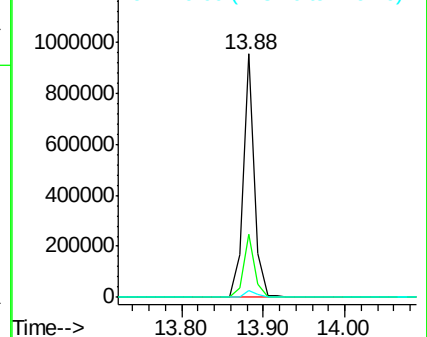
279 2.8 1.8 2.8#



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: 42.93 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

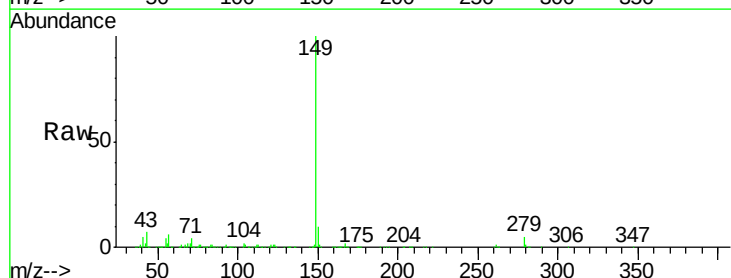
Tgt Ion:149 Resp: 1627700

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

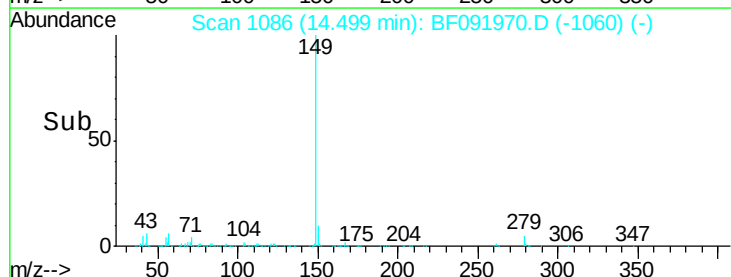
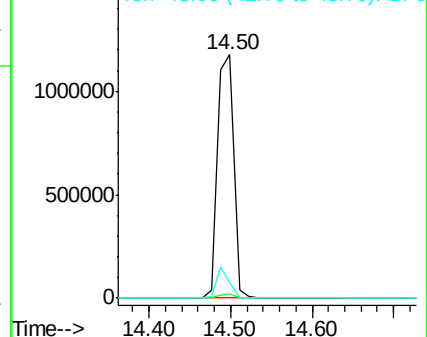
43 10.3 8.9 13.3

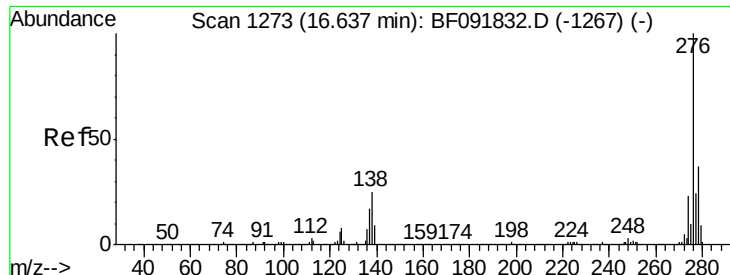


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

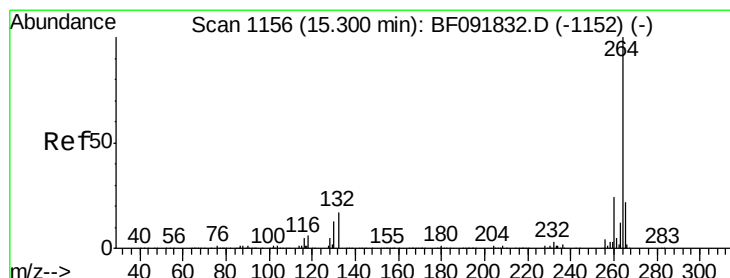
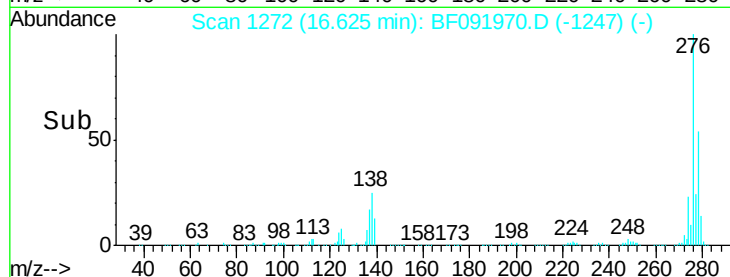
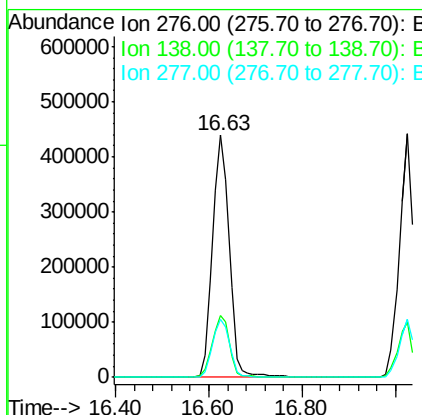
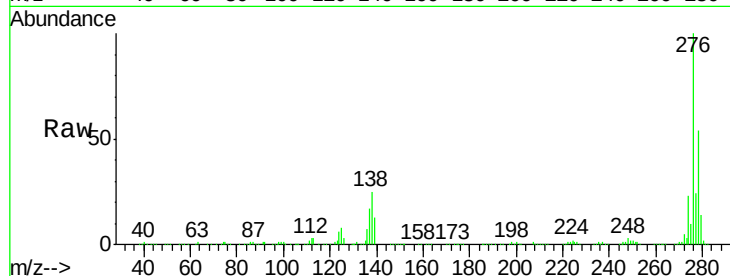




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.35 ng  
 RT: 16.63 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

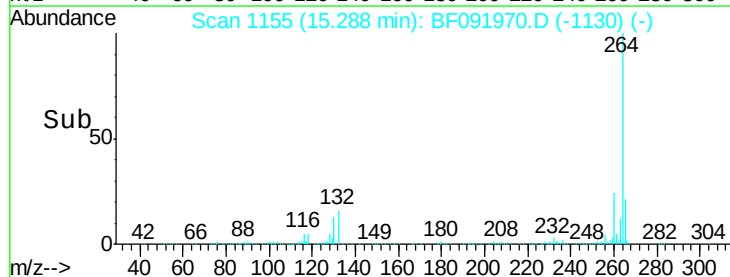
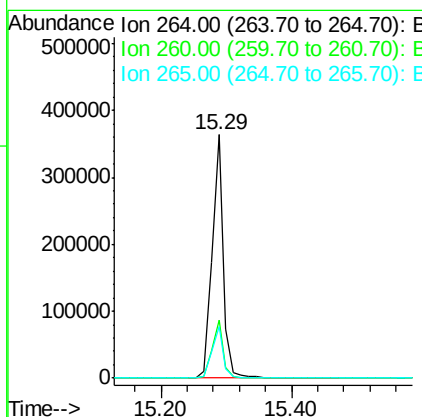
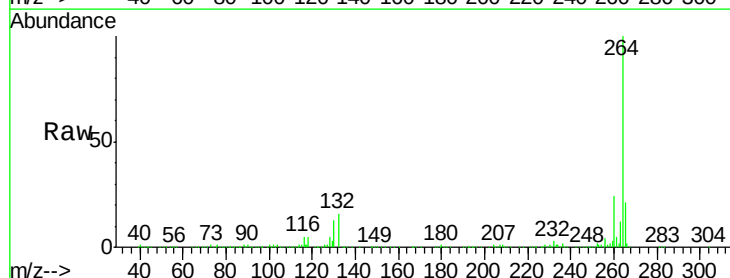
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

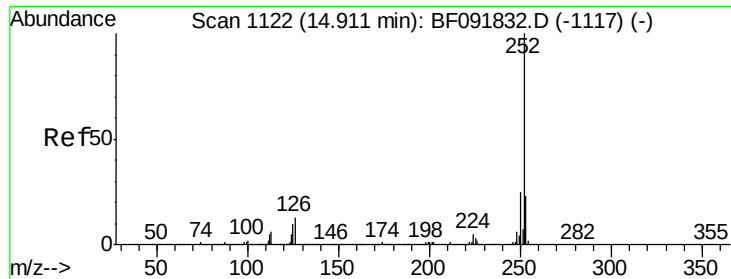
Tgt Ion: 276 Resp: 1107548  
 Ion Ratio Lower Upper  
 276 100  
 138 26.3 21.8 32.6  
 277 24.6 20.2 30.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.29 min Scan# 1155  
 Delta R.T. -0.01 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Tgt Ion: 264 Resp: 438567  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.2 28.8  
 265 21.1 17.4 26.0

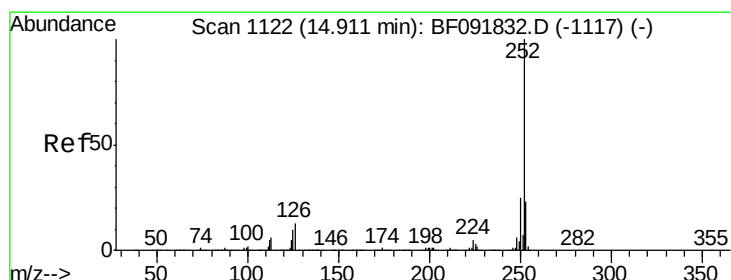
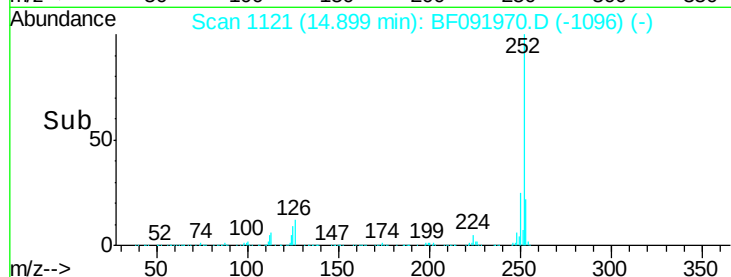
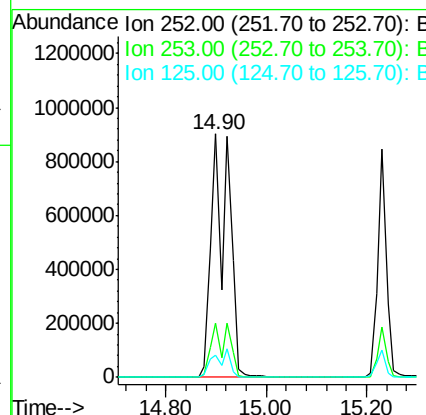
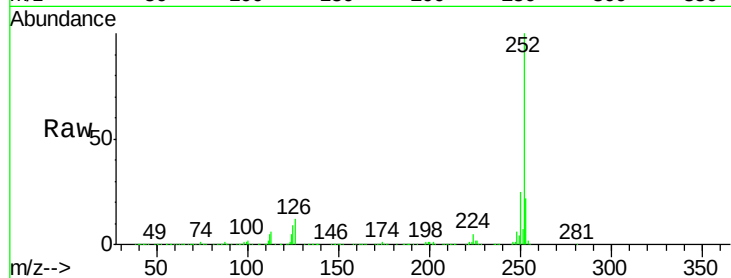




#87  
Benzo(b)fluoranthene  
Concen: 79.11 ng  
RT: 14.90 min Scan# 1121  
Delta R.T. -0.01 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

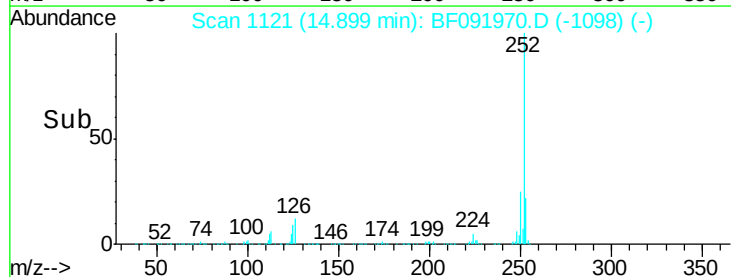
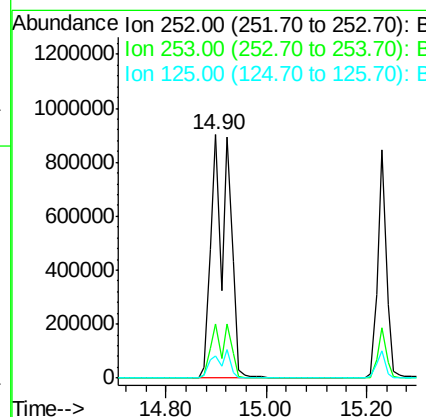
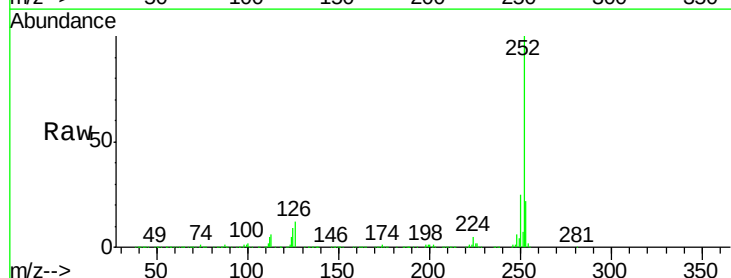
Instrument :  
BNA\_F  
ClientSampleId :  
PB95629BSD

Tgt Ion:252 Resp: 2160203  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.4  
125 9.3 9.8 14.6#

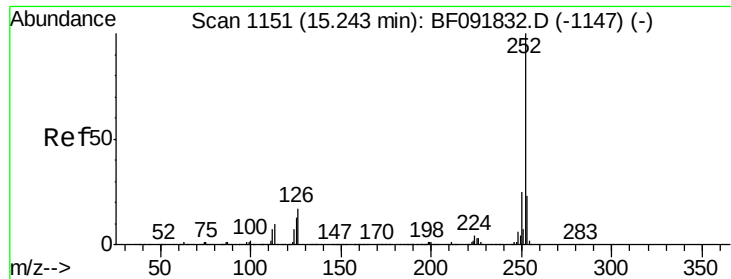


#88  
Benzo(k)fluoranthene  
Concen: 92.78 ng  
RT: 14.90 min Scan# 1121  
Delta R.T. -0.03 min  
Lab File: BF091970.D  
Acq: 27 Dec 2016 16:23

Tgt Ion:252 Resp: 2160203  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.5 27.7  
125 9.3 8.9 13.3







#89

Benzo(a)pyrene

Concen: 42.45 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA\_F

ClientSampleId :

PB95629BSD

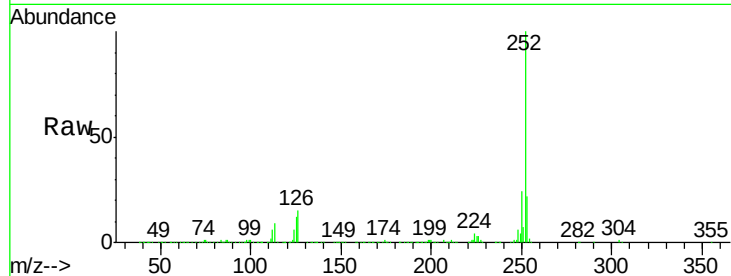
Tgt Ion:252 Resp: 1028641

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

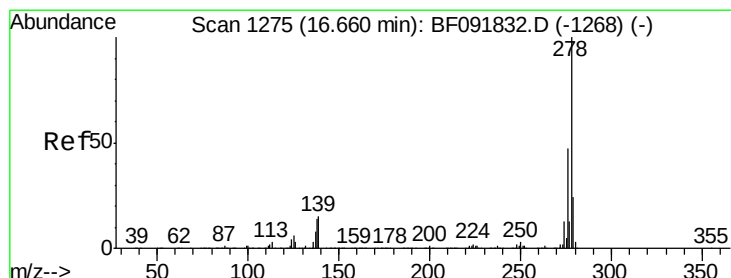
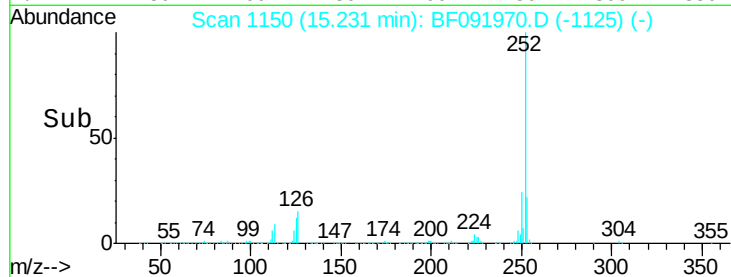
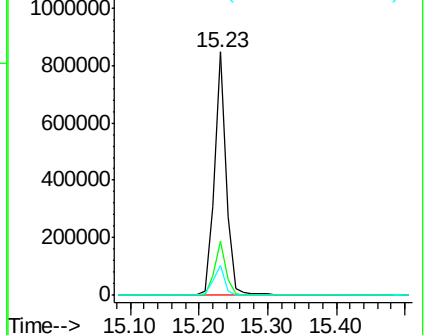
125 12.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.20 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

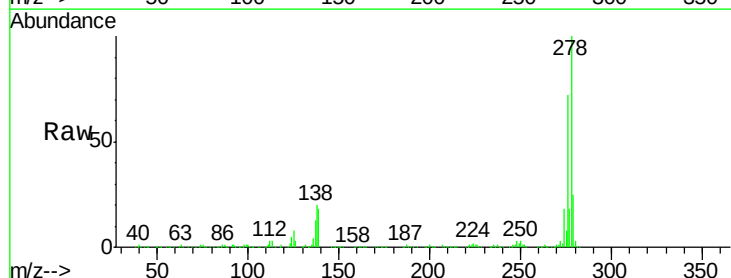
Tgt Ion:278 Resp: 900419

Ion Ratio Lower Upper

278 100

139 18.5 14.8 22.2

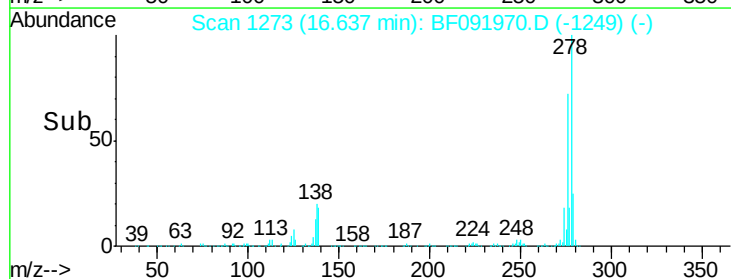
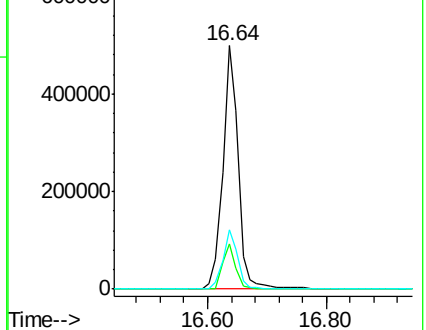
279 24.5 19.8 29.6

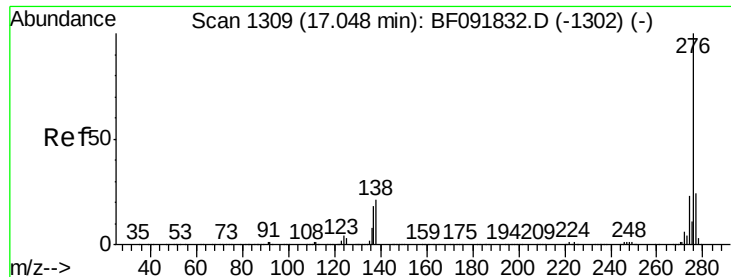


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 44.98 ng  
 RT: 17.03 min Scan# 1307  
 Delta R.T. -0.02 min  
 Lab File: BF091970.D  
 Acq: 27 Dec 2016 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB95629BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 19.2  | 28.8  |
| 138     | 23.0  | 16.0  | 24.0  |

