

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF021319\  
 Data File : BF112535.D  
 Acq On : 13 Feb 2019 13:28  
 Operator : JU/SJ  
 Sample : K1442-06RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

Quant Time: Feb 14 04:09:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 28 10:38:18 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 97248    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.12  | 136  | 352056   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.87  | 164  | 153099   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.36 | 188  | 276675   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.02 | 240  | 238120   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.50 | 264  | 190545   | 20.00 | ng    | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.47  | 112  | 483737   | 105.66 | ng    | -0.01    |
| 7) Phenol-d6                | 6.49  | 99   | 583549   | 91.73  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 373464   | 61.12  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 152220   | 85.42  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 628326   | 58.05  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.94 | 244  | 549739   | 43.48  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 6) Aniline                     | 6.47  | 93   | 344      | 0.045  | ng    | # 1    |
| 9) Benzaldehyde                | 6.61  | 77   | 12247    | 3.683  | ng    | # 84   |
| 10) Phenol                     | 6.50  | 94   | 7631     | 1.093  | ng    | # 56   |
| 11) bis(2-Chloroethyl)ether    | 6.61  | 93   | 738      | 0.134  | ng    | # 1    |
| 15) Benzyl Alcohol             | 6.99  | 79   | 6254     | 1.166  | ng    | # 37   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.87  | 45   | 106      | 0.015  | ng    | # 63   |
| 19) n-Nitroso-di-n-propylamine | 7.40  | 70   | 49315    | 11.242 | ng    | # 75   |
| 22) Acetophenone               | 7.25  | 105  | 2342     | 0.273  | ng    | # 98   |
| 24) Nitrobenzene               | 7.40  | 77   | 1211     | 0.198  | ng    | # 37   |
| 25) Isophorone                 | 7.40  | 82   | 373461   | 38.962 | ng    | # 63   |
| 31) Naphthalene                | 8.14  | 128  | 9043     | 0.549  | ng    | # 97   |
| 33) 4-Chloroaniline            | 8.14  | 127  | 817      | 0.114  | ng    | # 37   |
| 37) 2-Methylnaphthalene        | 8.83  | 142  | 2816     | 0.250  | ng    | # 94   |
| 38) 1-Methylnaphthalene        | 8.93  | 142  | 1987     | 0.184  | ng    | # 97   |
| 46) 1,1'-Biphenyl              | 9.29  | 154  | 1954     | 0.146  | ng    | # 93   |
| 47) 2-Chloronaphthalene        | 9.59  | 162  | 132      | 0.013  | ng    | # 1    |
| 48) 2-Nitroaniline             | 9.59  | 65   | 430      | 0.152  | ng    | # 1    |
| 49) Acenaphthylene             | 9.73  | 152  | 23165    | 1.523  | ng    | # 97   |
| 50) Dimethylphthalate          | 9.59  | 163  | 50464    | 4.242  | ng    | # 100  |
| 51) 2,6-Dinitrotoluene         | 9.87  | 165  | 19983    | 7.501  | ng    | # 35   |
| 52) Acenaphthene               | 9.90  | 154  | 4011     | 0.441  | ng    | # 98   |
| 55) Dibenzofuran               | 10.08 | 168  | 2847     | 0.205  | ng    | # 80   |
| 56) 4-Nitrophenol              | 10.09 | 139  | 1457     | 0.955  | ng    | # 12   |
| 57) 2,4-Dinitrotoluene         | 9.87  | 165  | 19983    | 5.892  | ng    | # 32   |
| 58) Fluorene                   | 10.43 | 166  | 5640     | 0.543  | ng    | # 94   |
| 60) Diethylphthalate           | 10.28 | 149  | 630      | 0.053  | ng    | # 58   |
| 63) Azobenzene                 | 10.58 | 77   | 795      | 0.077  | ng    | # 1    |
| 65) 4,6-Dinitro-2-methylphenol | 10.66 | 198  | 246      | 0.159  | ng    | # 1    |
| 66) n-Nitrosodiphenylamine     | 10.53 | 169  | 532      | 0.057  | ng    | # 73   |
| 67) 4-Bromophenyl-phenylether  | 10.67 | 248  | 9165     | 2.816  | ng    | # 1    |
| 71) Phenanthrene               | 11.39 | 178  | 81306    | 5.653  | ng    | # 97   |
| 72) Anthracene                 | 11.44 | 178  | 29430    | 2.054  | ng    | # 97   |
| 73) Carbazole                  | 11.60 | 167  | 8878     | 0.628  | ng    | # 89   |
| 74) Di-n-butylphthalate        | 11.91 | 149  | 8848     | 0.504  | ng    | # 92   |

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 Acq On : 13 Feb 2019 13:28  
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 Sample : K1442-06RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

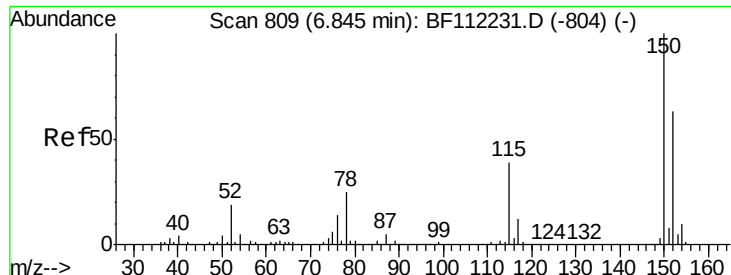
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

Quant Time: Feb 14 04:09:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 28 10:38:18 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 75) Fluoranthene               | 12.58 | 202  | 257015   | 16.659 | ng    | 98       |
| 77) Benzidine                  | 12.71 | 184  | 406      | 0.062  | ng    | # 1      |
| 78) Pyrene                     | 12.81 | 202  | 251523   | 15.257 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.66 | 149  | 1549     | 0.194  | ng    | 95       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 138769   | 9.914  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 838      | 0.160  | ng    | # 56     |
| 83) Chrysene                   | 14.04 | 228  | 117514   | 8.795  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 15056    | 1.330  | ng    | # 96     |
| 85) Di-n-octyl phthalate       | 14.58 | 149  | 5419     | 0.311  | ng    | # 74     |
| 86) Indeno(1,2,3-cd)pyrene     | 17.00 | 276  | 53275    | 5.032  | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 207781   | 18.234 | ng    | # 95     |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 207781   | 19.036 | ng    | # 95     |
| 90) Benzo(a)pyrene             | 15.43 | 252  | 104839   | 10.225 | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene     | 16.99 | 278  | 14337    | 1.735  | ng    | # 61     |
| 92) Benzo(g,h,i)perylene       | 17.46 | 276  | 51281    | 6.577  | ng    | 95       |
| -----                          |       |      |          |        |       |          |

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



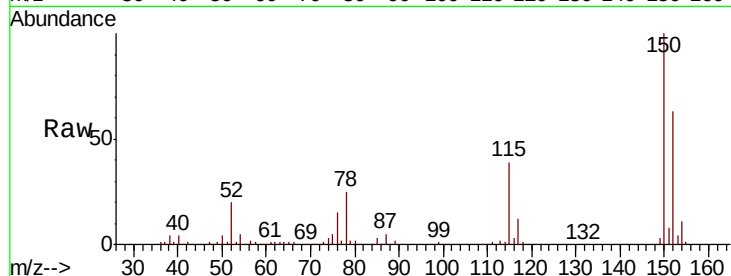


#1

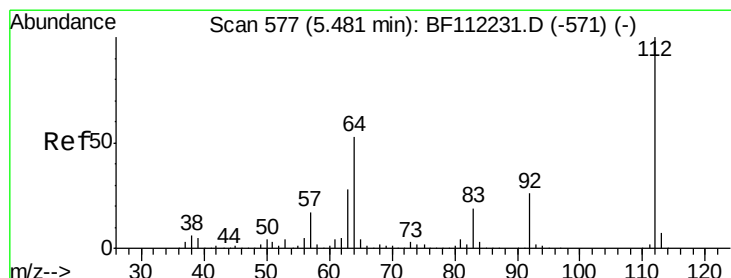
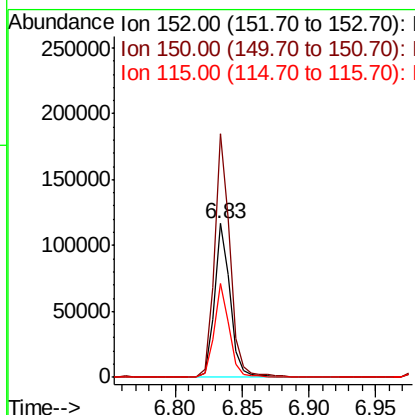
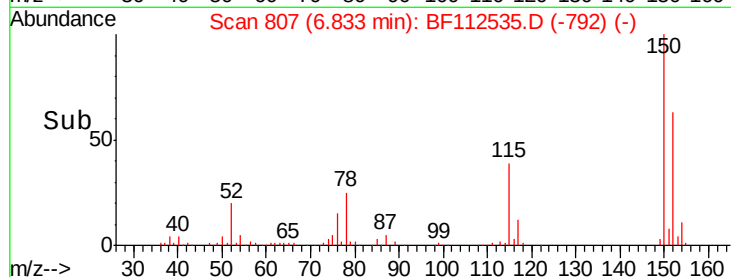
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

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BNA\_F  
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Tgt Ion:152 Resp: 97248  
Ion Ratio Lower Upper  
152 100  
150 158.4 127.4 191.0  
115 61.3 45.5 68.3



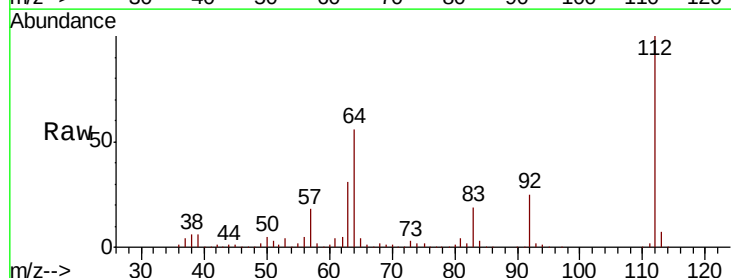
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



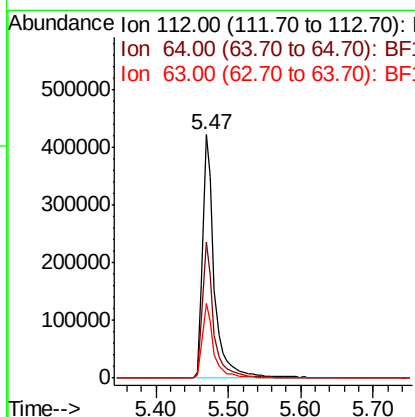
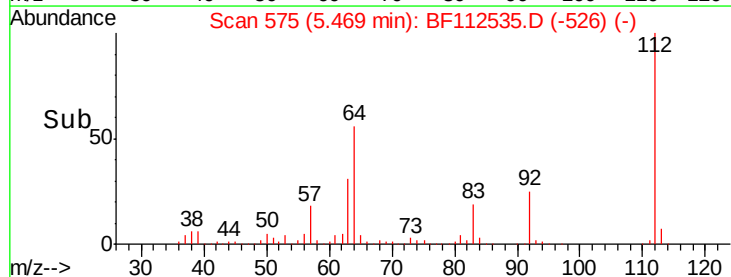
#5

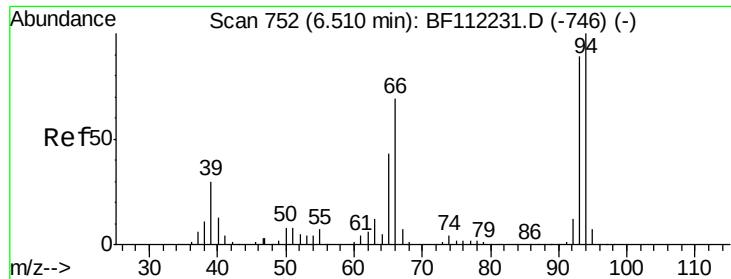
2-Fluorophenol  
Concen: 105.657 ng  
RT: 5.47 min Scan# 575  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion:112 Resp: 483737  
Ion Ratio Lower Upper  
112 100  
64 55.9 45.7 68.5  
63 30.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.045 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

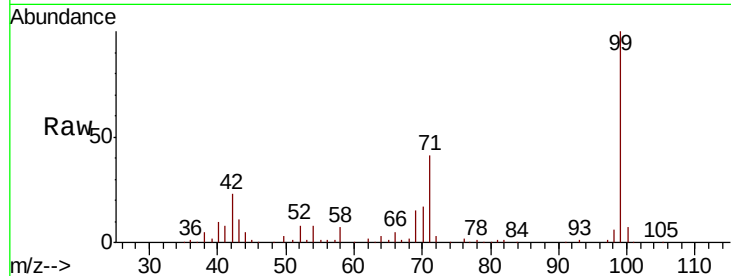
Tgt Ion: 93 Resp: 344

Ion Ratio Lower Upper

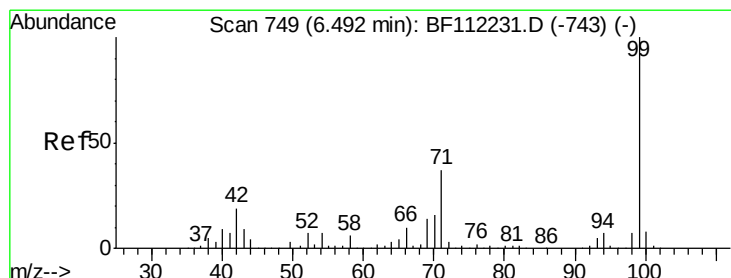
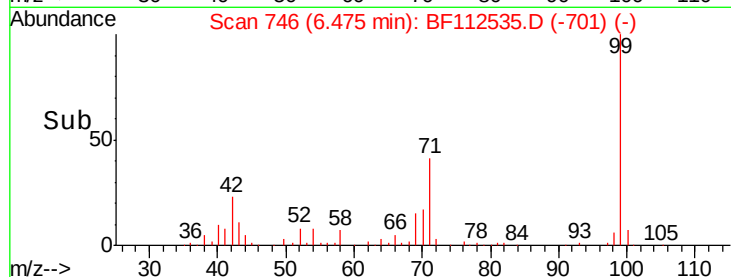
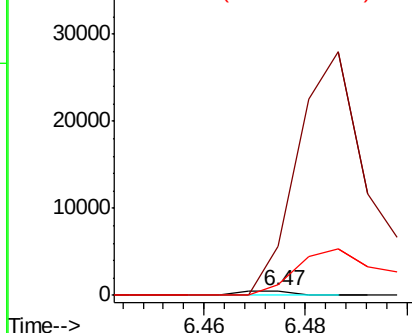
93 100

66 1015.8 43.4 65.2#

65 222.8 25.3 37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 91.725 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

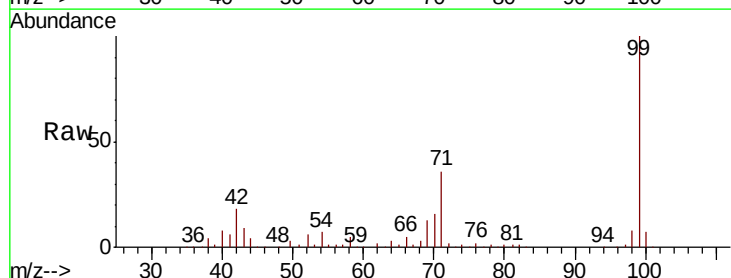
Tgt Ion: 99 Resp: 583549

Ion Ratio Lower Upper

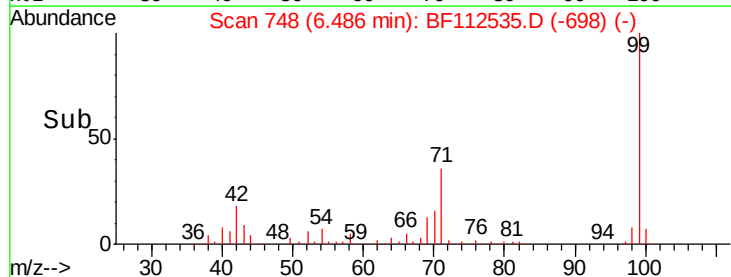
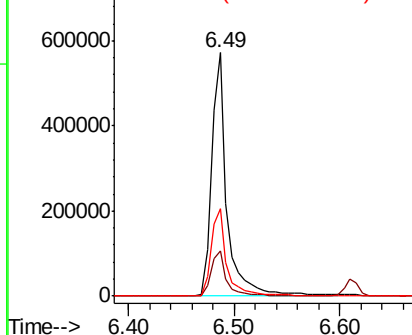
99 100

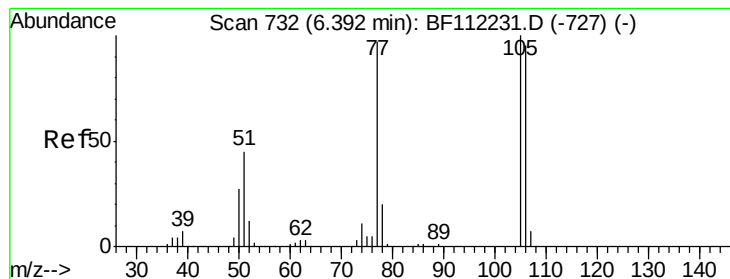
42 18.4 15.1 22.7

71 36.2 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 3.683 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

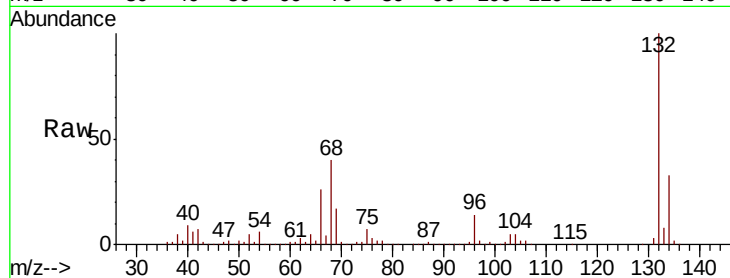
Tgt Ion: 77 Resp: 12247

Ion Ratio Lower Upper

77 100

105 87.1 80.8 120.8

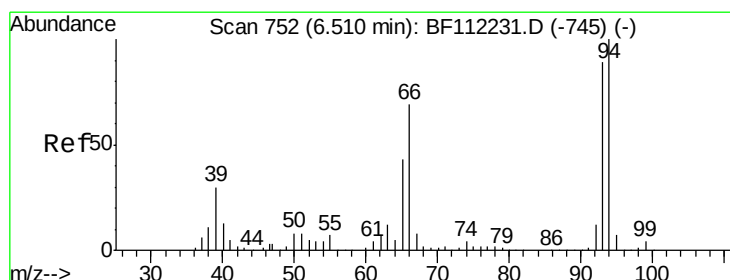
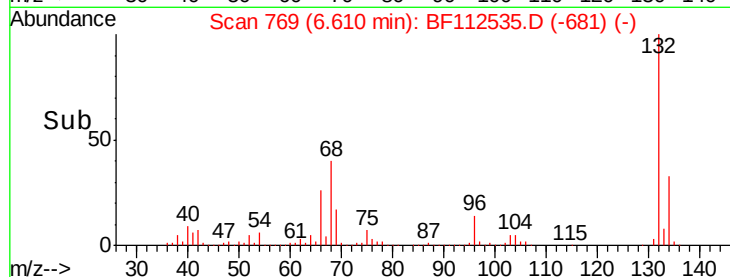
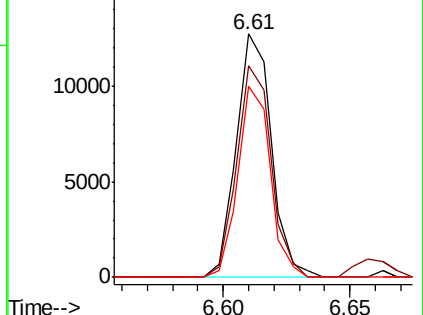
106 78.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.093 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

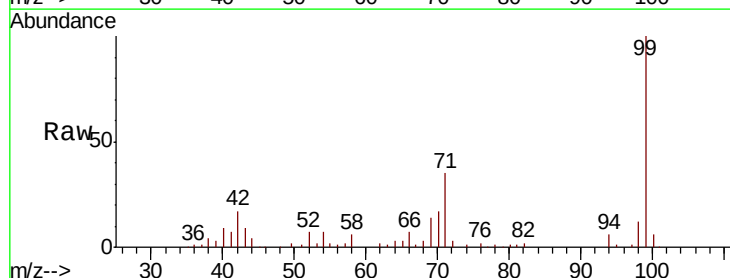
Tgt Ion: 94 Resp: 7631

Ion Ratio Lower Upper

94 100

65 46.3 20.3 60.3

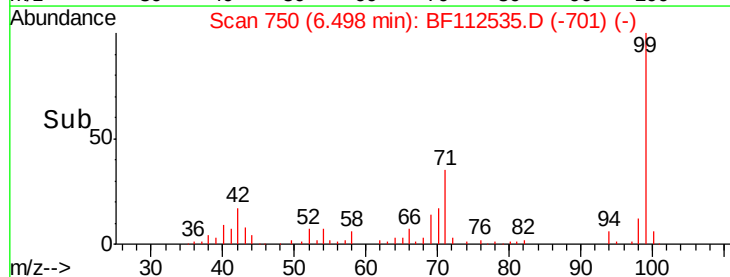
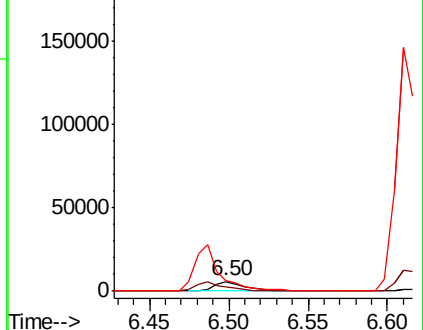
66 113.3 42.4 82.4#

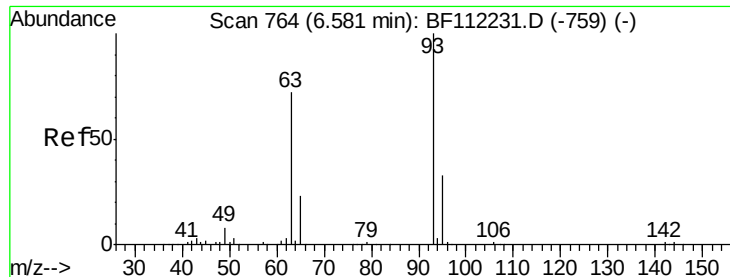


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

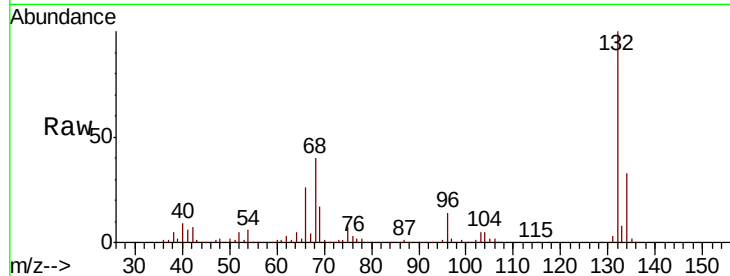




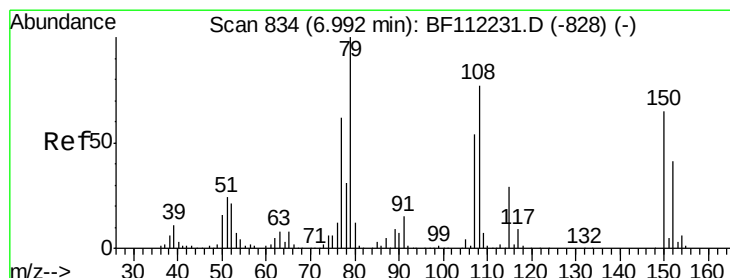
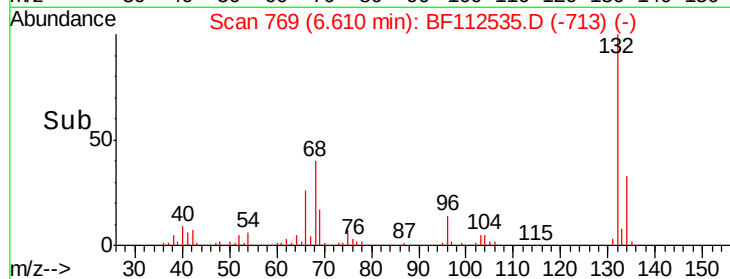
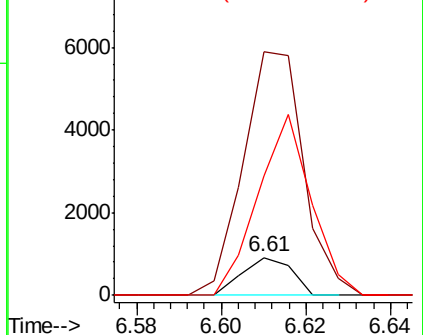
#11  
bis(2-Chloroethyl)ether  
Concen: 0.134 ng  
RT: 6.61 min Scan# 769  
Delta R.T. 0.03 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

Tgt Ion: 93 Resp: 738  
Ion Ratio Lower Upper  
93 100  
63 643.2 53.3 93.3#  
95 316.3 13.4 53.4#

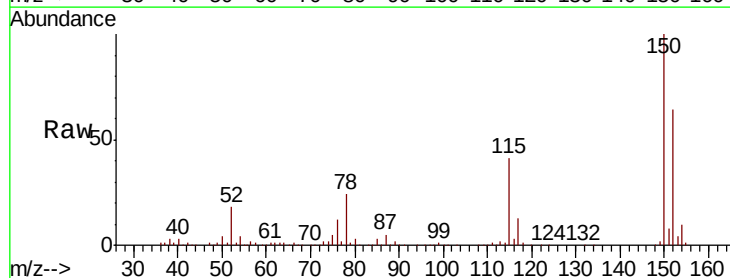


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

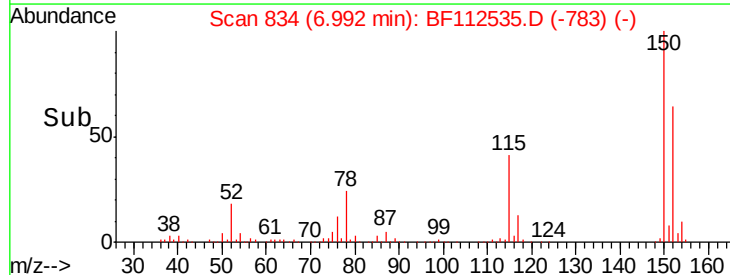
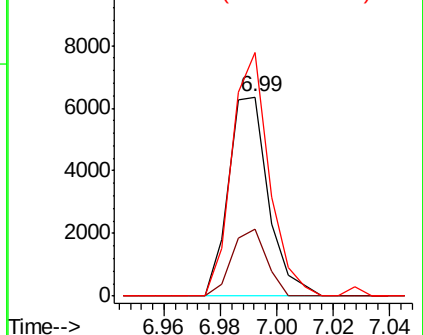


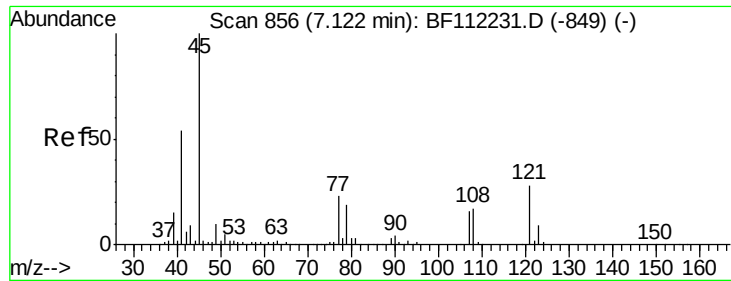
#15  
Benzyl Alcohol  
Concen: 1.166 ng  
RT: 6.99 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion: 79 Resp: 6254  
Ion Ratio Lower Upper  
79 100  
108 33.9 64.2 96.2#  
77 122.4 50.3 75.5#



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

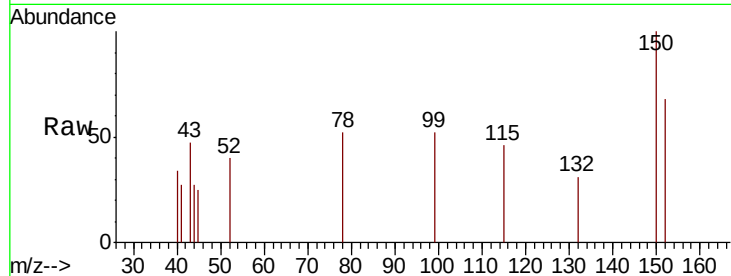




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.015 ng  
RT: 6.87 min Scan# 814  
Delta R.T. -0.25 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 0.0   | 0.0   | 36.9  |
| 79      | 0.0   | 0.0   | 34.0  |

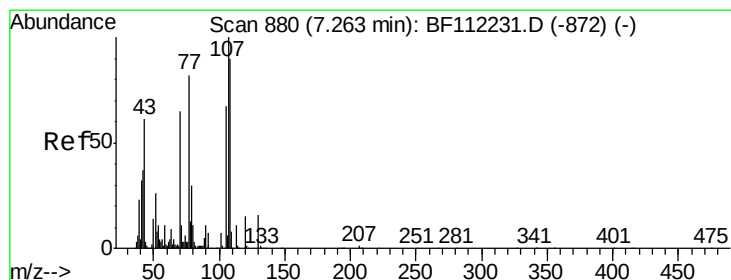
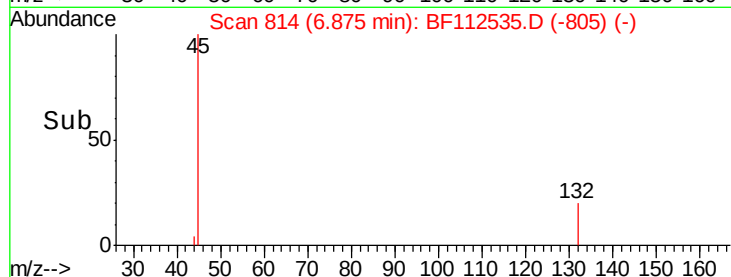
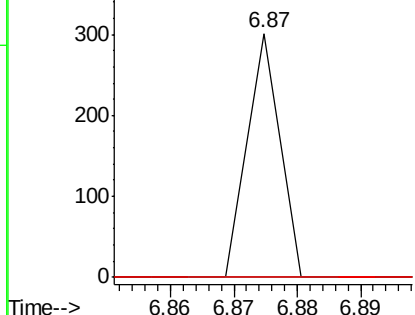


Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.242 ng  
RT: 7.40 min Scan# 903  
Delta R.T. 0.14 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 46.3  | 47.6  | 71.4# |
| 101     | 0.0   | 7.9   | 11.9# |
| 130     | 2.6   | 18.4  | 27.6# |

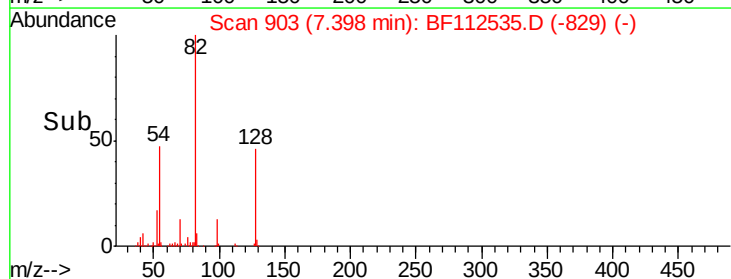
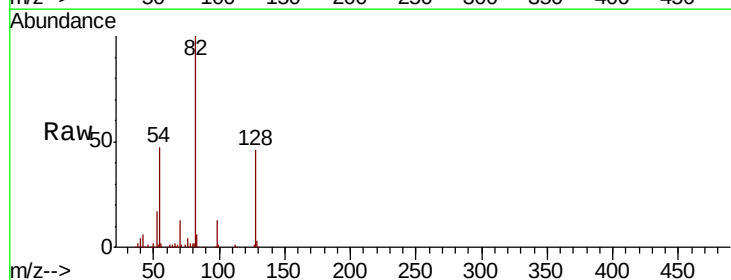
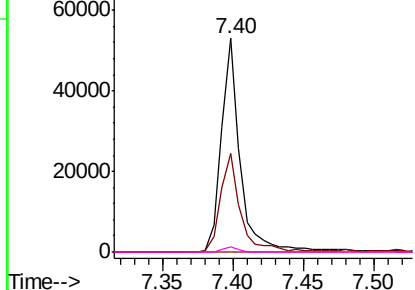
Abundance

Ion 70.00 (69.70 to 70.70): BF1

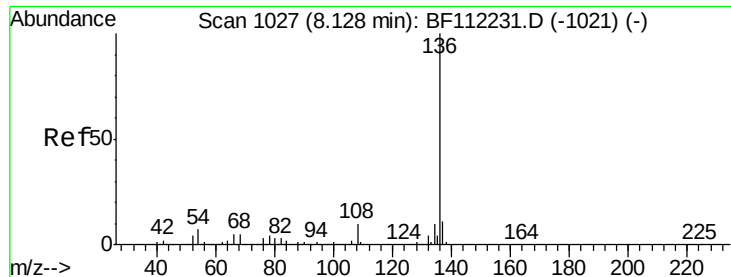
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



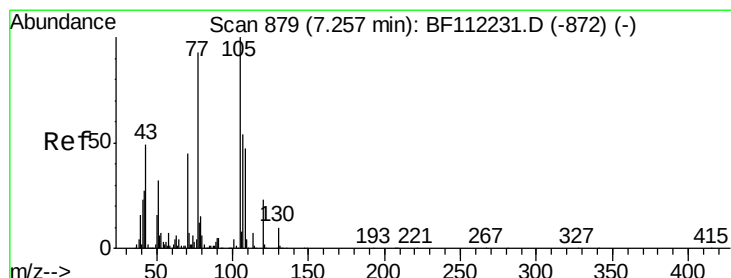
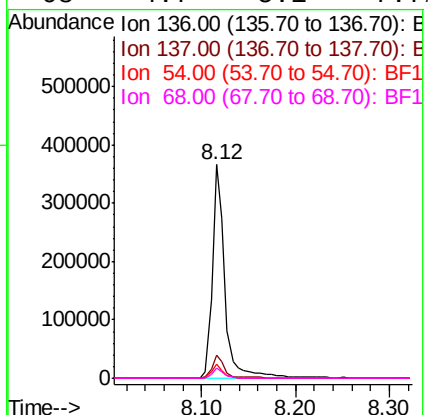
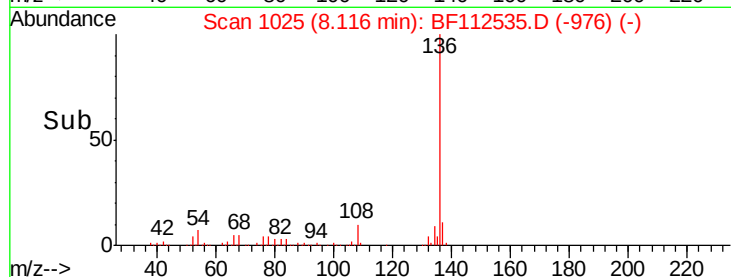
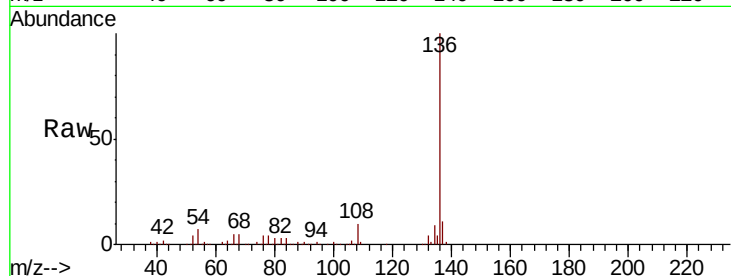




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

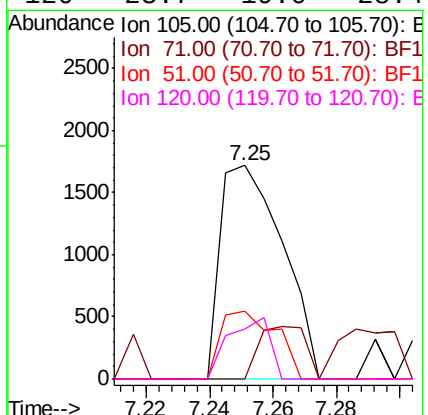
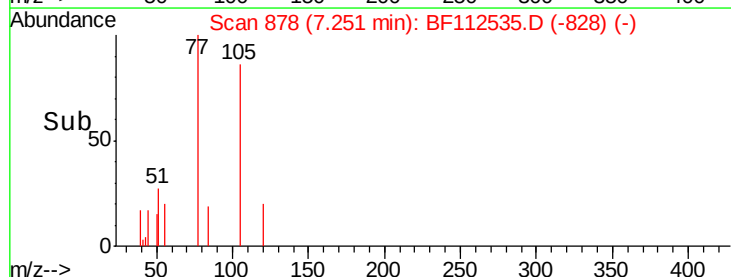
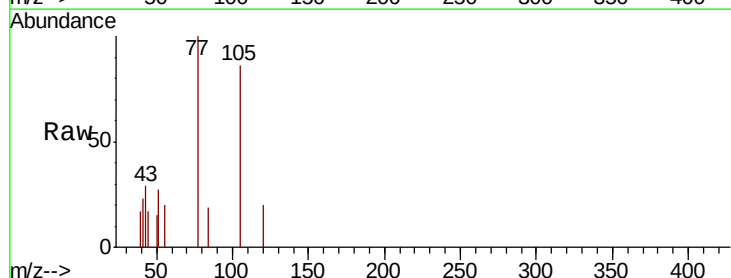
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

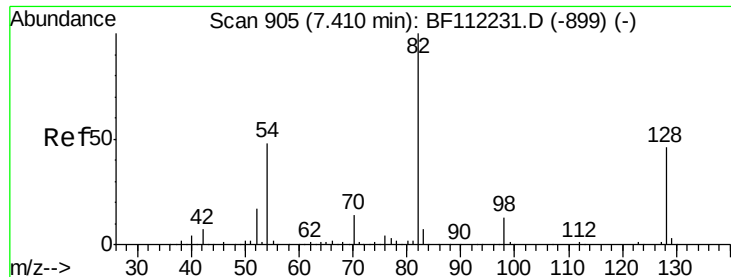
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 352056 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 9.1   | 13.7   |
| 54       | 6.6   | 5.9   | 8.9    |
| 68       | 4.7   | 5.1   | 7.7#   |



#22  
Acetophenone  
Concen: 0.273 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 2342  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 4.6   | 6.8#  |
| 51       | 31.6  | 25.0  | 37.6  |
| 120      | 23.7  | 19.0  | 28.4  |

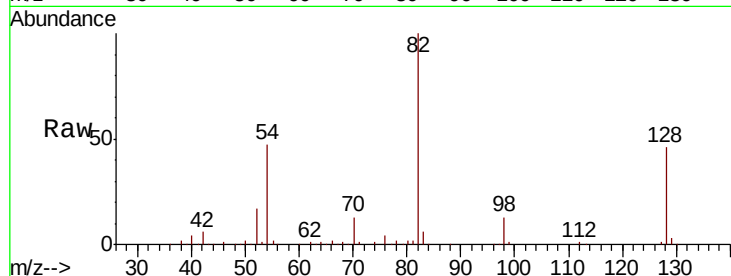




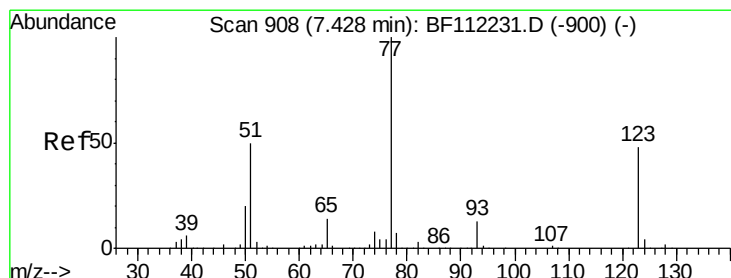
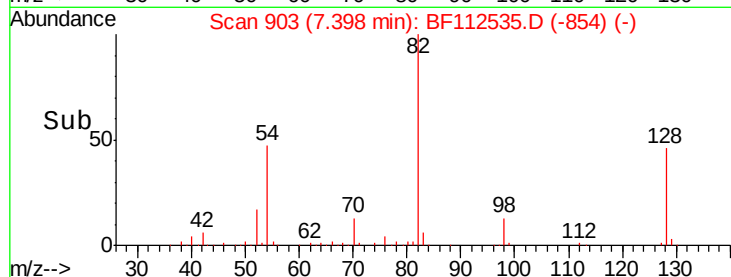
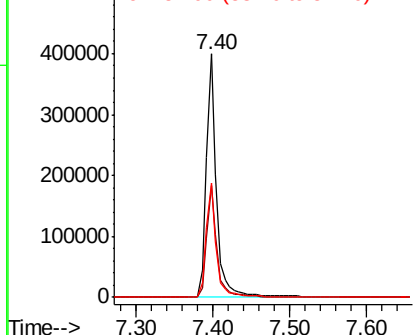
#23  
Nitrobenzene-d5  
Concen: 61.124 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

Tgt Ion: 82 Resp: 373464  
Ion Ratio Lower Upper  
82 100  
128 46.1 37.8 56.8  
54 46.9 39.7 59.5

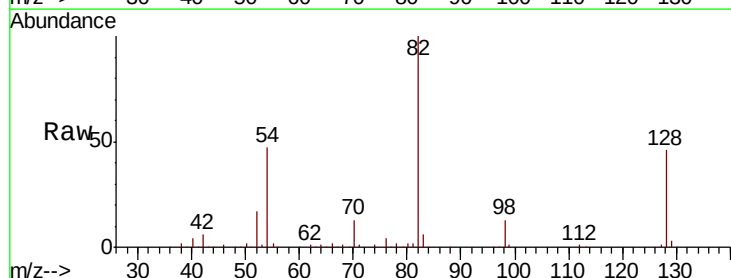


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

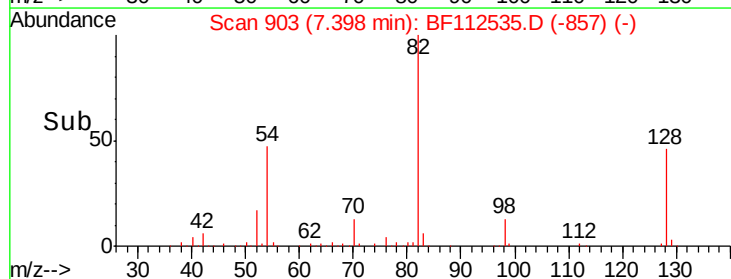
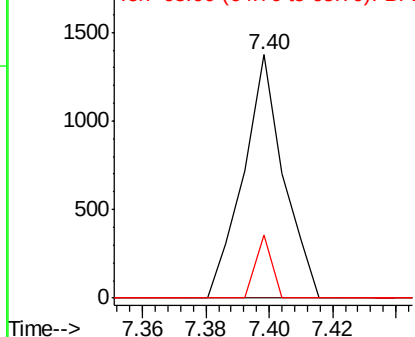


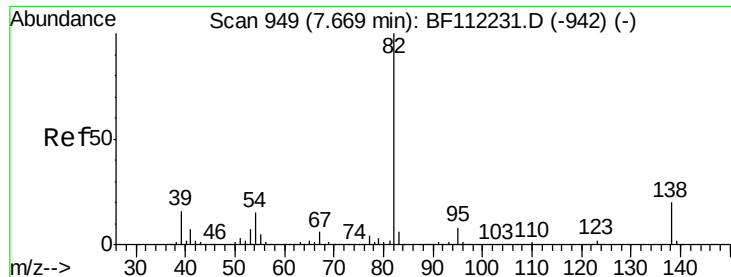
#24  
Nitrobenzene  
Concen: 0.198 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.03 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion: 77 Resp: 1211  
Ion Ratio Lower Upper  
77 100  
123 0.0 38.4 57.6#  
65 26.1 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.962 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

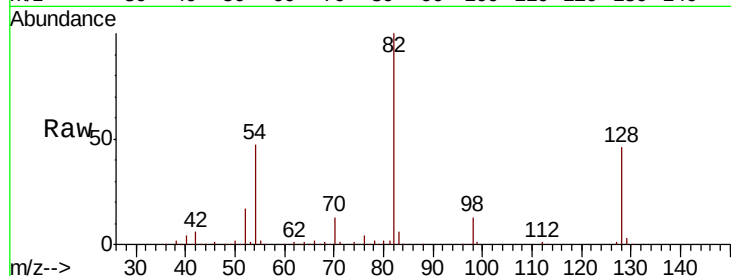
Tgt Ion: 82 Resp: 373461

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

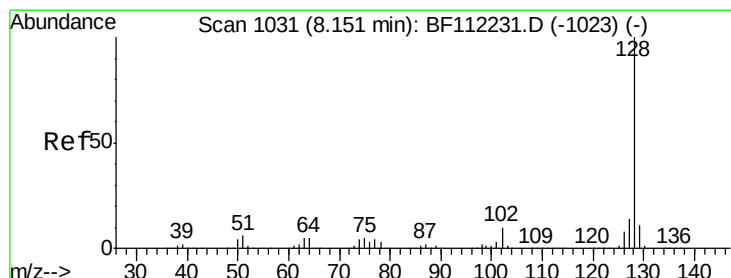
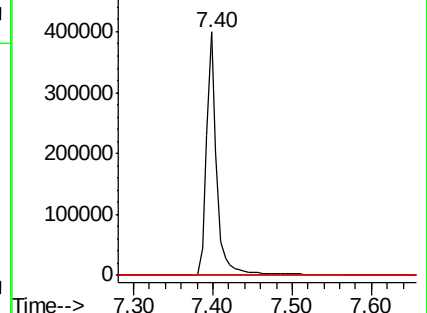
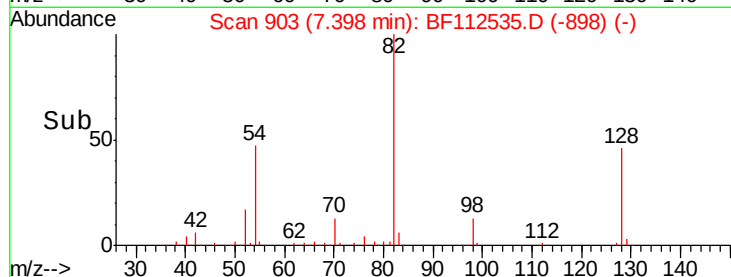
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 0.549 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

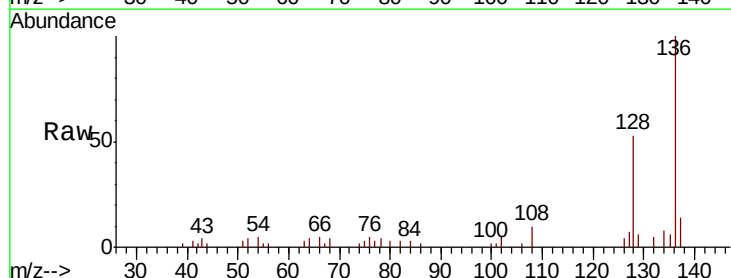
Tgt Ion: 128 Resp: 9043

Ion Ratio Lower Upper

128 100

129 10.5 9.6 14.4

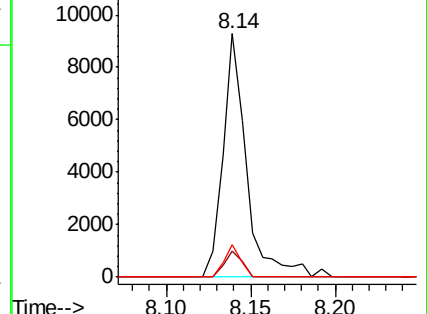
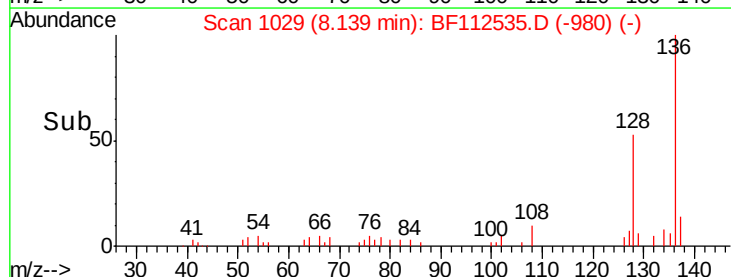
127 13.1 11.1 16.7

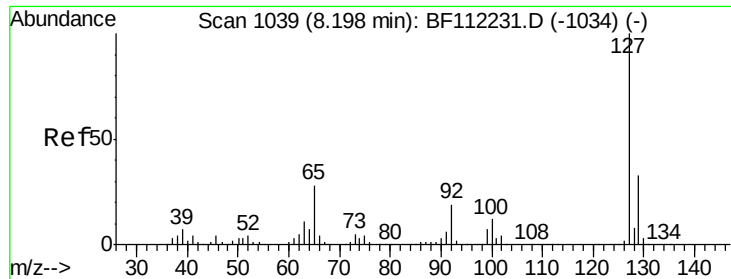


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

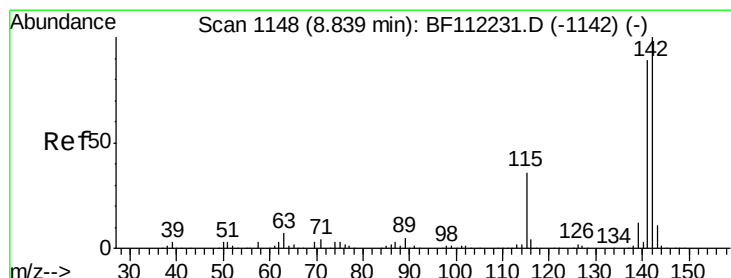
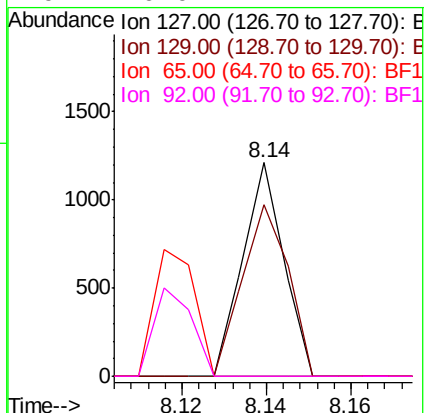
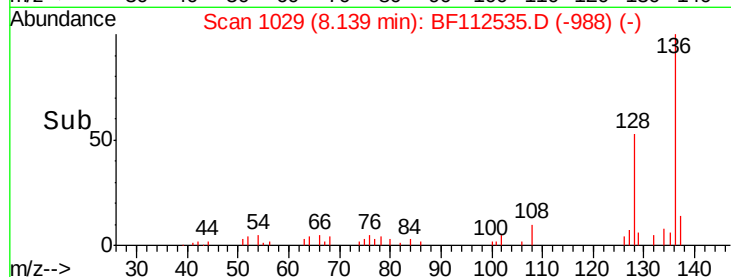
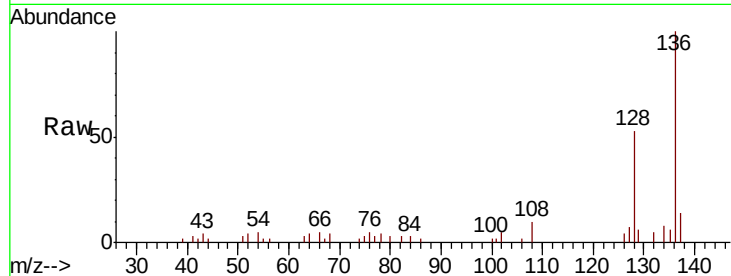




#33  
4-Chloroaniline  
Concen: 0.114 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.06 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

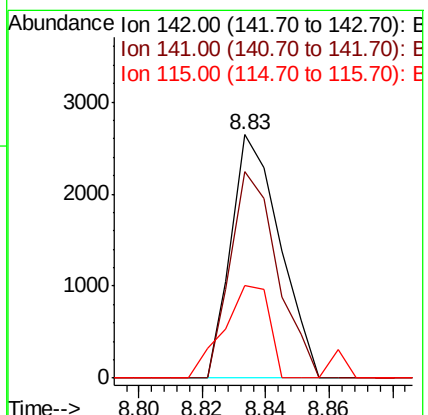
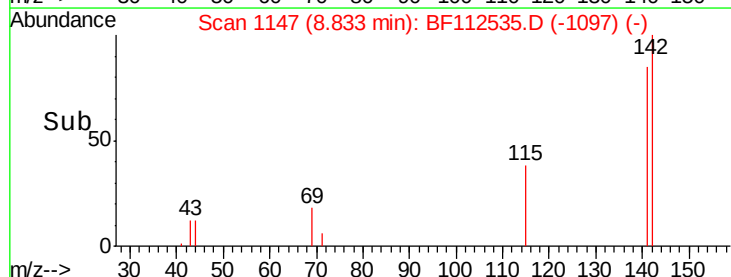
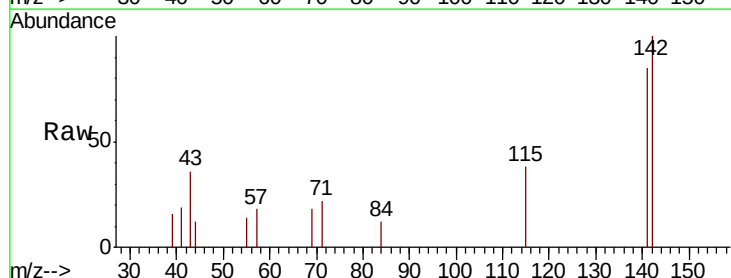
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

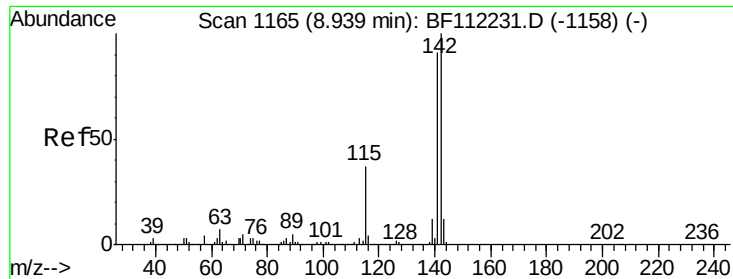
Tgt Ion:127 Resp: 817  
Ion Ratio Lower Upper  
127 100  
129 80.6 26.6 39.8#  
65 0.0 21.4 32.2#  
92 0.0 14.2 21.2#



#37  
2-Methylnaphthalene  
Concen: 0.250 ng  
RT: 8.83 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion:142 Resp: 2816  
Ion Ratio Lower Upper  
142 100  
141 84.9 70.9 106.3  
115 38.2 24.9 37.3#

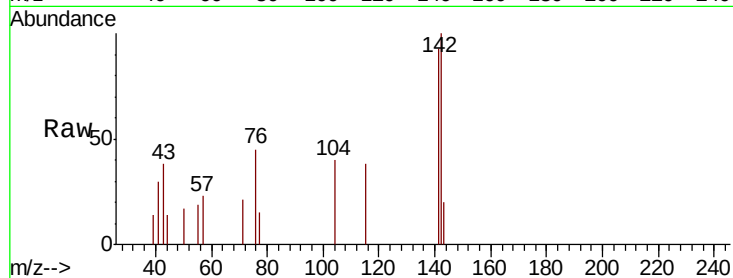




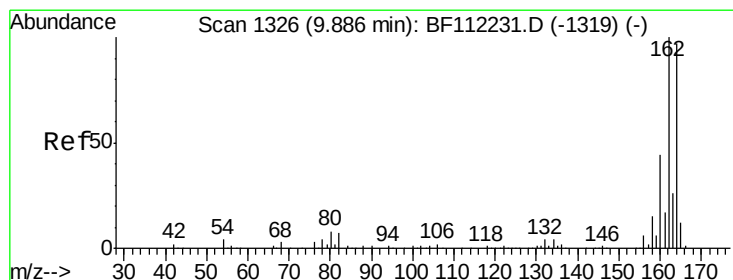
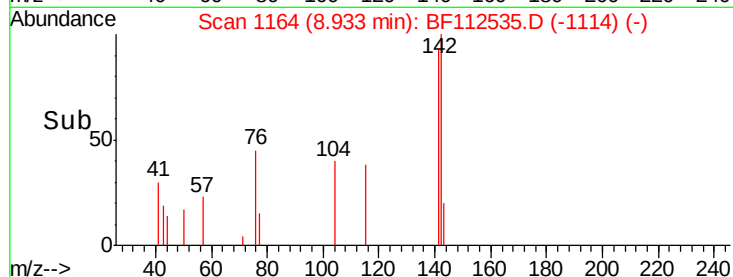
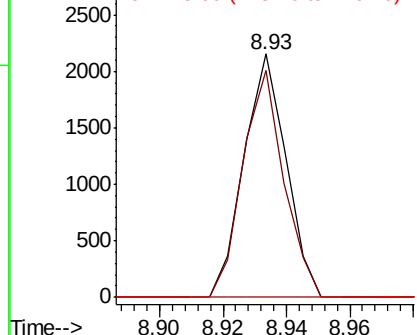
#38  
1-Methylnaphthalene  
Concen: 0.184 ng  
RT: 8.93 min Scan# 1164  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

Tgt Ion:142 Resp: 1987  
Ion Ratio Lower Upper  
142 100  
141 93.1 72.6 108.8  
116 0.0 2.8 4.2#

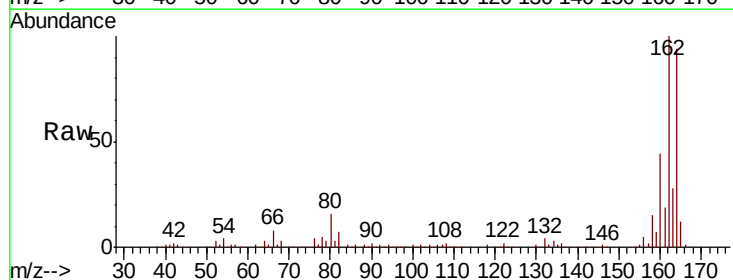


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E

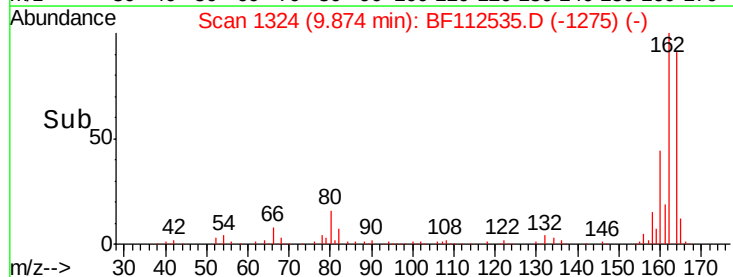
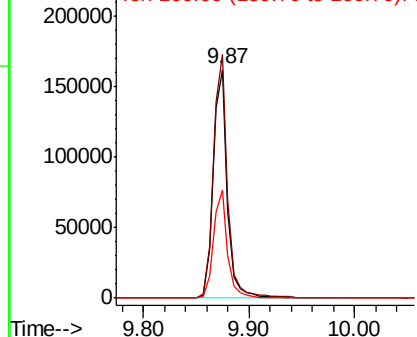


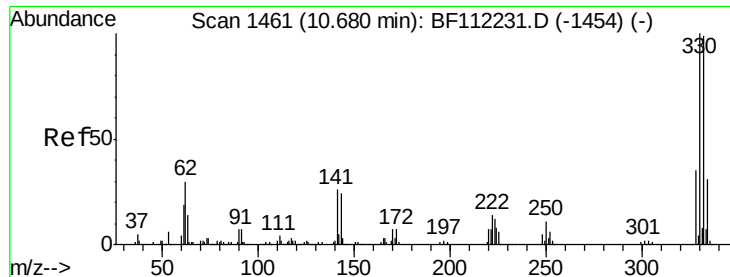
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion:164 Resp: 153099  
Ion Ratio Lower Upper  
164 100  
162 106.5 82.2 123.4  
160 47.4 36.2 54.4



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

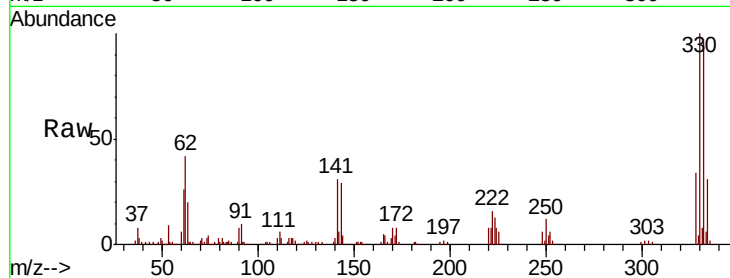




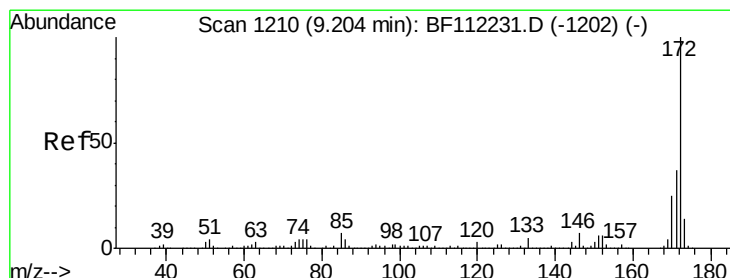
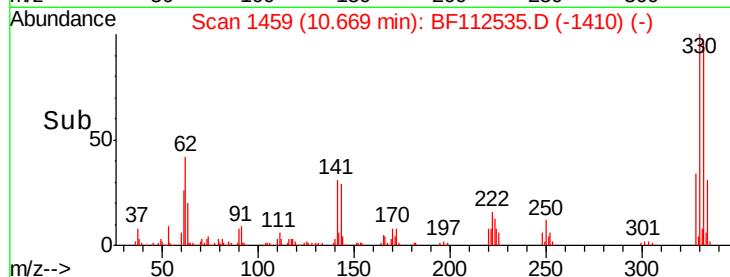
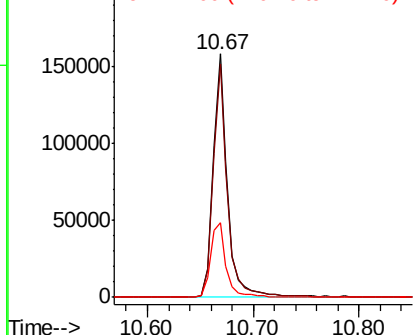
#42  
 2,4,6-Tribromophenol  
 Concen: 85.419 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.01 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 76.6  | 114.8 |
| 141     | 34.2  | 24.3  | 36.5  |

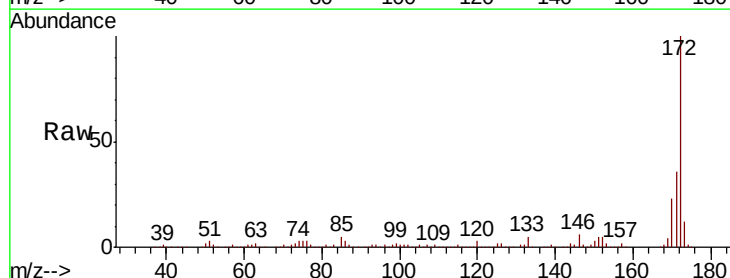


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

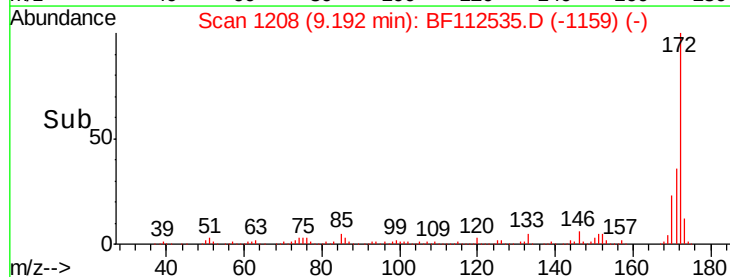
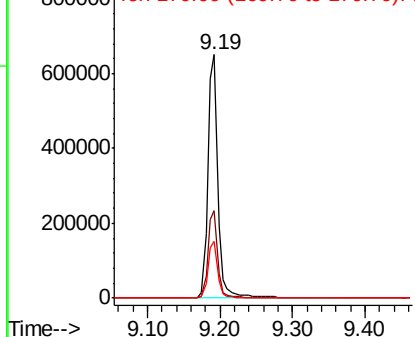


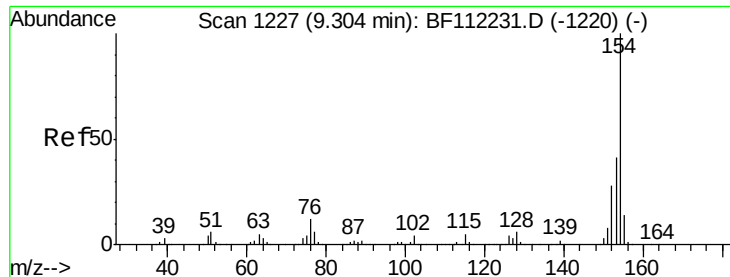
#45  
 2-Fluorobiphenyl  
 Concen: 58.045 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. -0.01 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 30.5  | 45.7  |
| 170     | 23.3  | 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

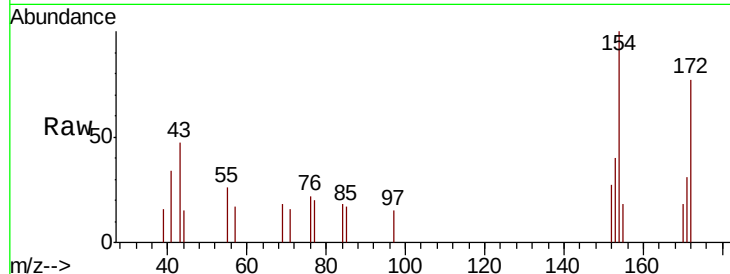




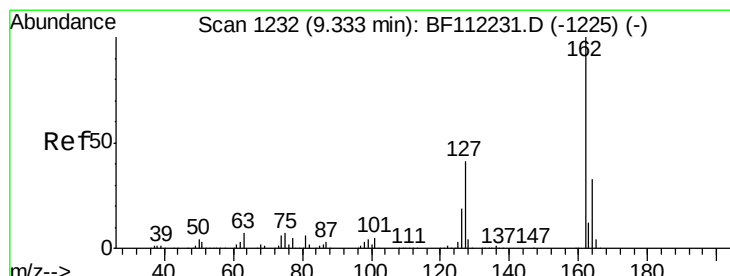
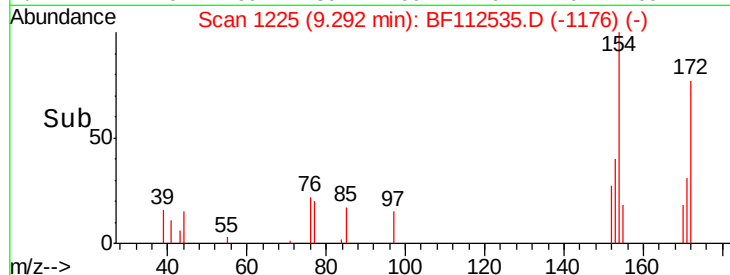
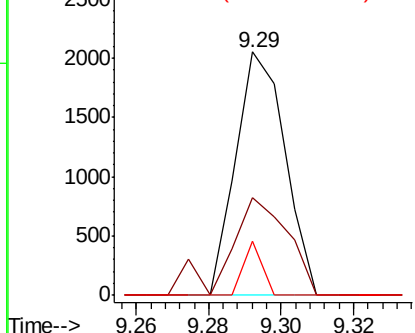
#46  
 1,1'-Biphenyl  
 Concen: 0.146 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. -0.01 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

Tgt Ion:154 Resp: 1954  
 Ion Ratio Lower Upper  
 154 100  
 153 40.0 21.5 61.5  
 76 22.3 0.0 33.1

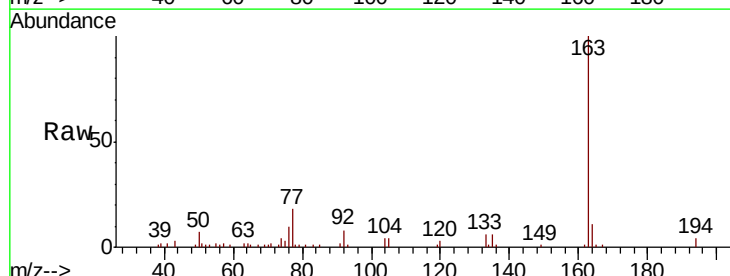


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

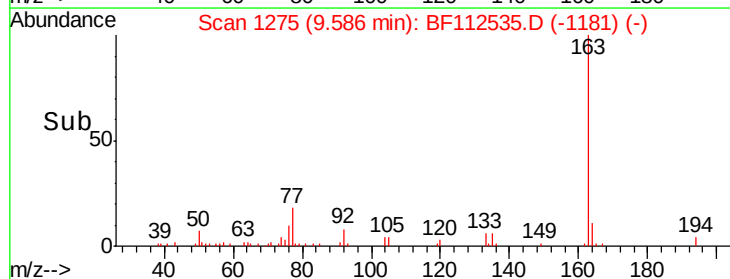
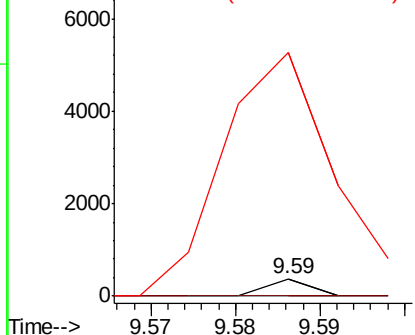


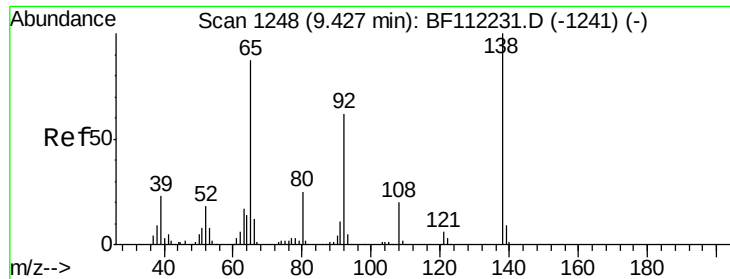
#47  
 2-Chloronaphthalene  
 Concen: 0.013 ng  
 RT: 9.59 min Scan# 1275  
 Delta R.T. 0.25 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Tgt Ion:162 Resp: 132  
 Ion Ratio Lower Upper  
 162 100  
 127 0.0 30.4 45.6#  
 164 1404.3 27.4 41.2#



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

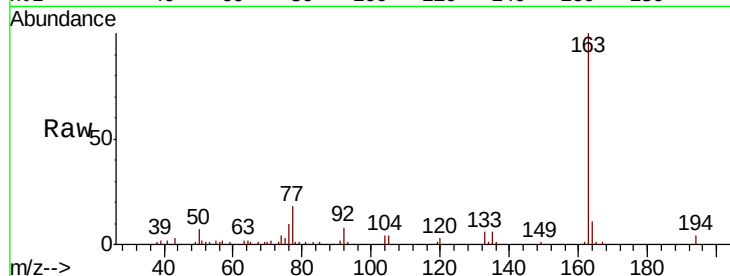




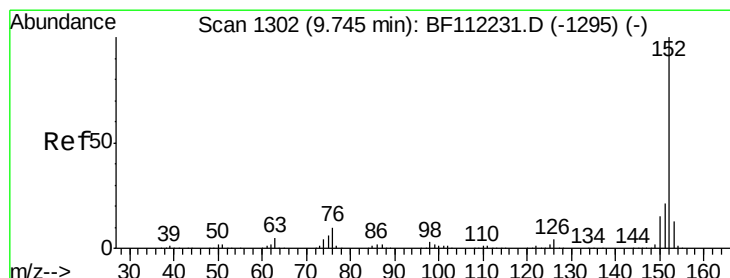
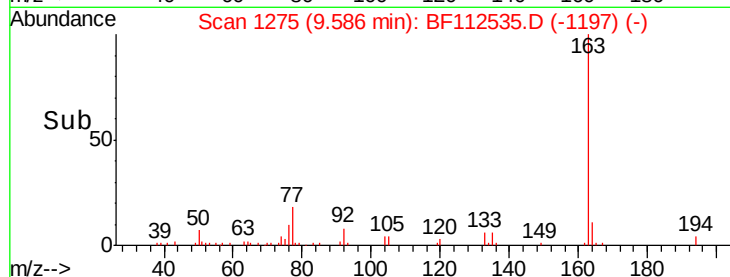
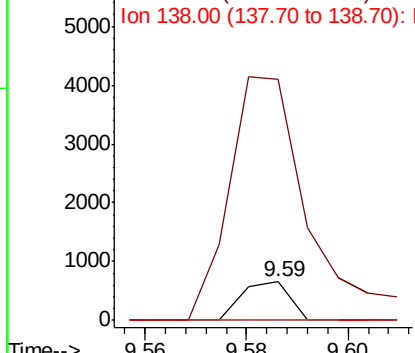
#48  
2-Nitroaniline  
Concen: 0.152 ng  
RT: 9.59 min Scan# 1275  
Delta R.T. 0.16 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

Tgt Ion: 65 Resp: 430  
Ion Ratio Lower Upper  
65 100  
92 624.7 60.4 90.6#  
138 0.0 104.4 156.6#

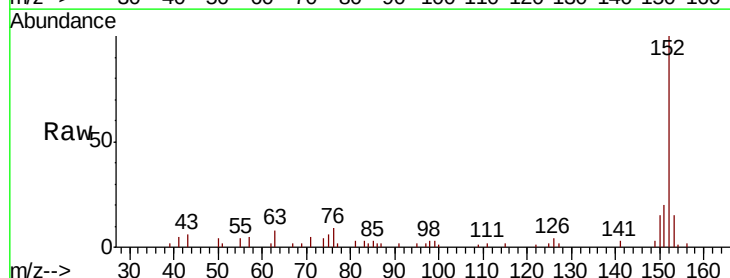


Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E

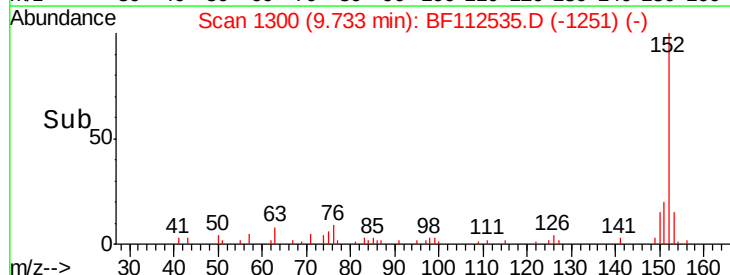
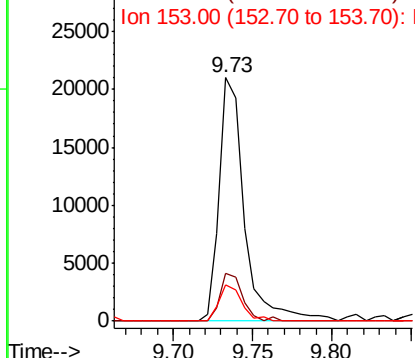


#49  
Acenaphthylene  
Concen: 1.523 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

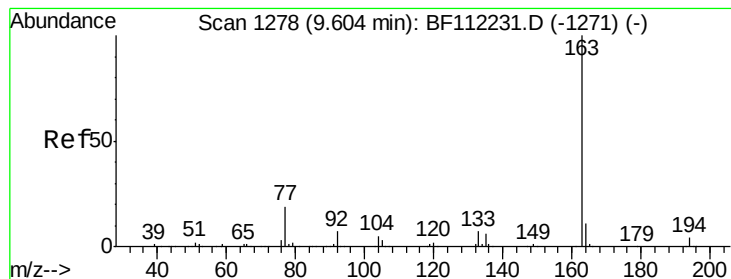
Tgt Ion: 152 Resp: 23165  
Ion Ratio Lower Upper  
152 100  
151 19.7 17.0 25.6  
153 14.8 11.2 16.8



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







#50

Dimethylphthalate

Concen: 4.242 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

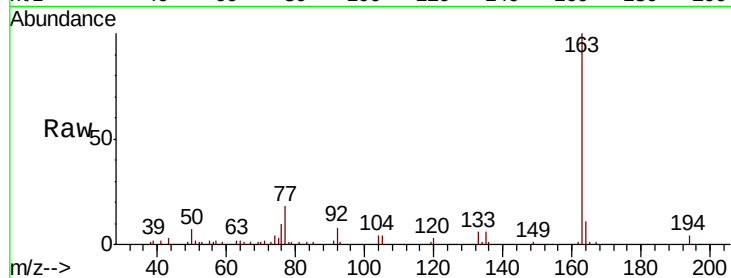
Tgt Ion:163 Resp: 50464

Ion Ratio Lower Upper

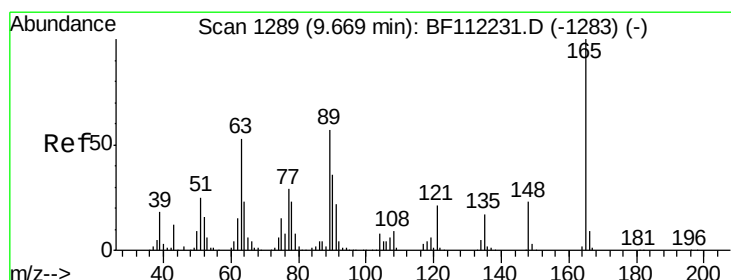
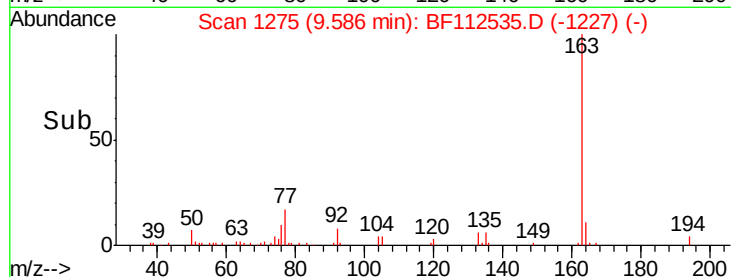
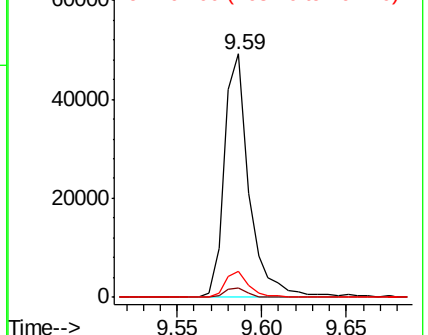
163 100

194 3.9 3.3 4.9

164 10.7 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.501 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

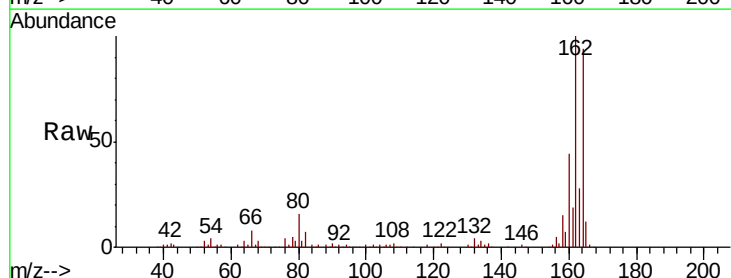
Tgt Ion:165 Resp: 19983

Ion Ratio Lower Upper

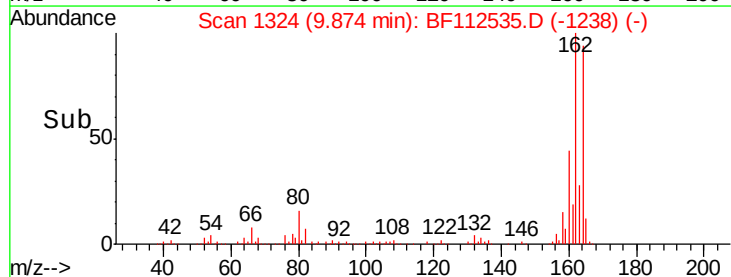
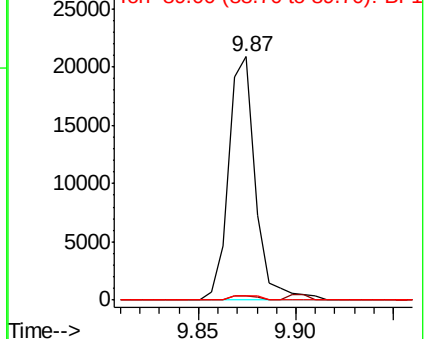
165 100

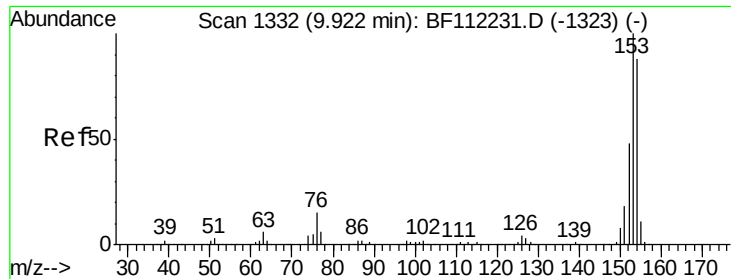
63 1.9 33.8 50.8#

89 1.9 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.441 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

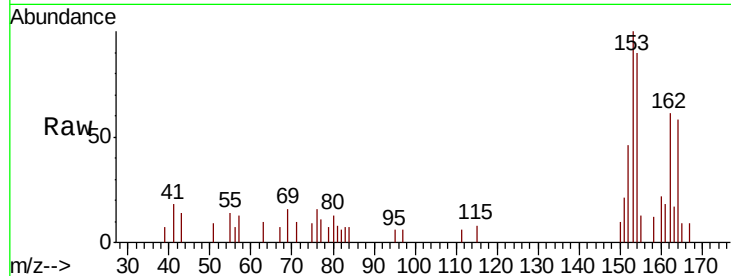
Tgt Ion:154 Resp: 4011

Ion Ratio Lower Upper

154 100

153 111.3 89.8 134.6

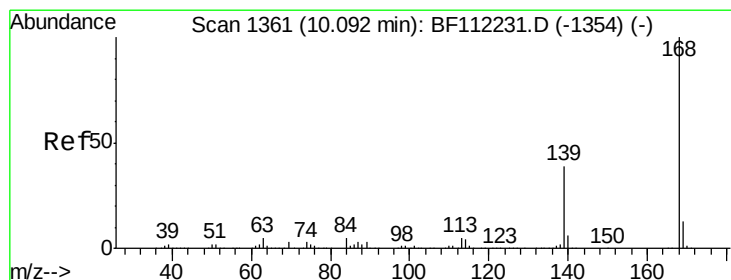
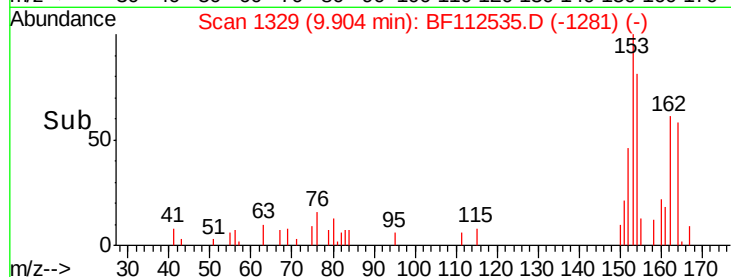
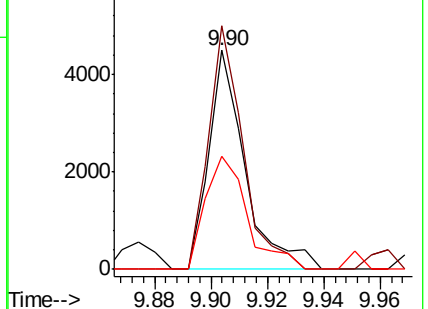
152 51.6 43.5 65.3



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



#55

Dibenzofuran

Concen: 0.205 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

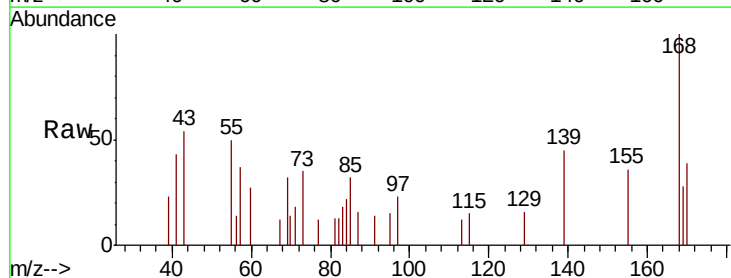
Tgt Ion:168 Resp: 2847

Ion Ratio Lower Upper

168 100

139 45.2 29.2 43.8#

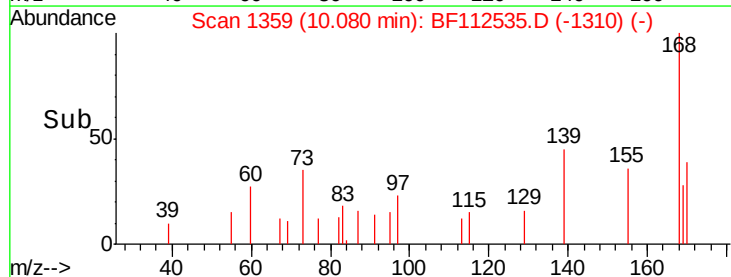
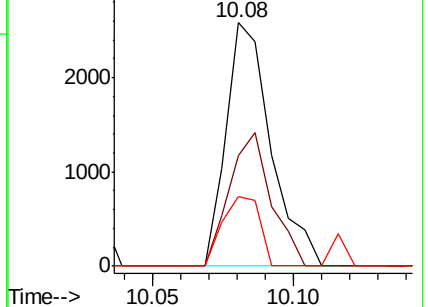
169 28.5 11.4 17.0#

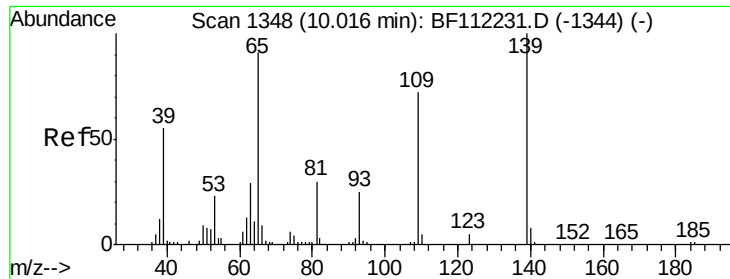


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

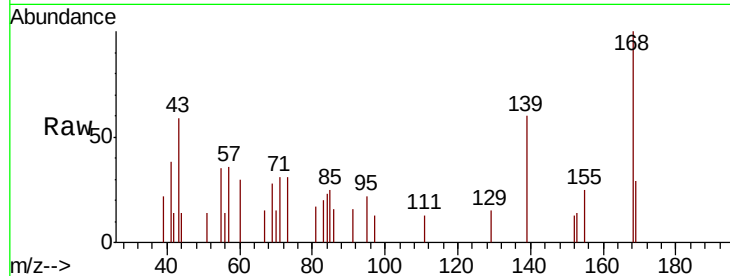




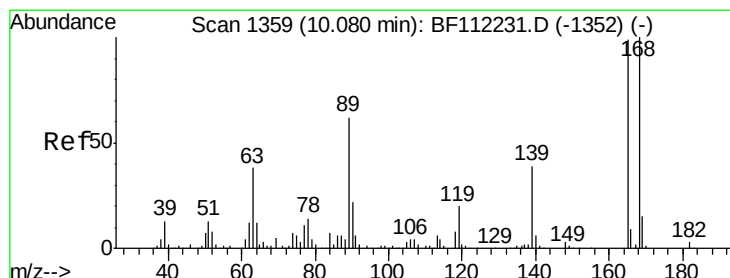
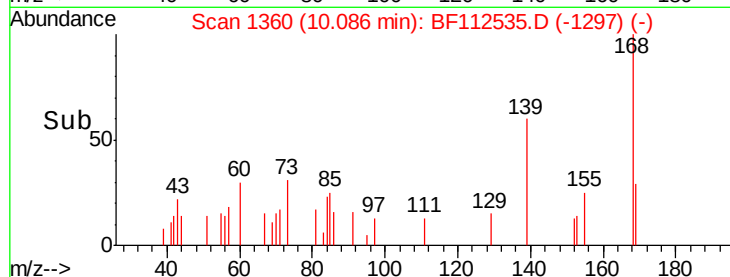
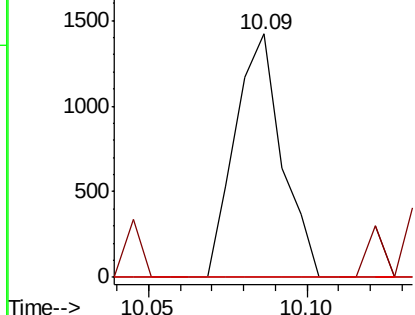
#56  
4-Nitrophenol  
Concen: 0.955 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. 0.07 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

Tgt Ion:139 Resp: 1457  
Ion Ratio Lower Upper  
139 100  
109 0.0 42.8 82.8#  
65 0.0 66.1 106.1#

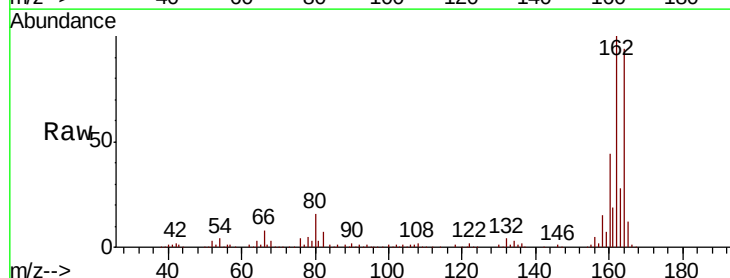


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

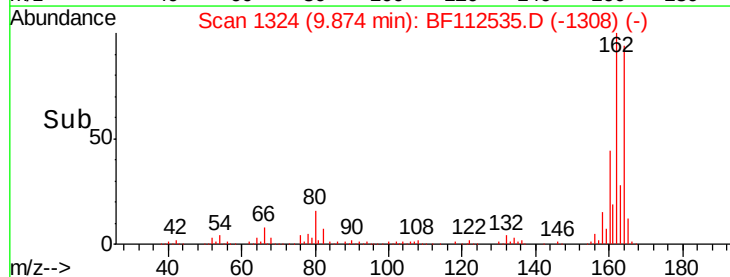
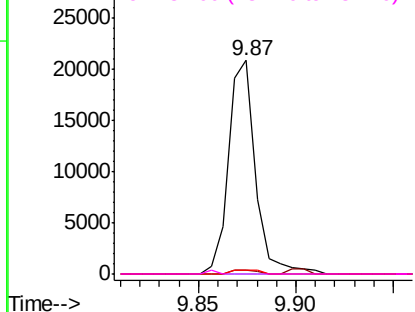


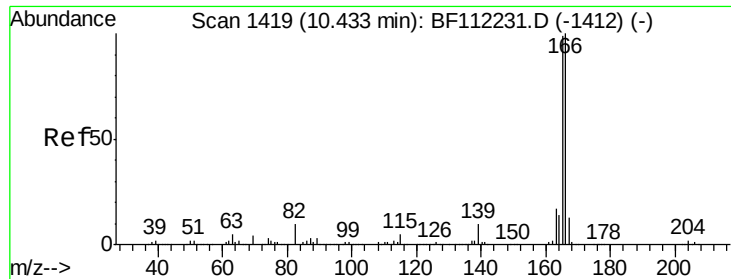
#57  
2,4-Dinitrotoluene  
Concen: 5.892 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.21 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion:165 Resp: 19983  
Ion Ratio Lower Upper  
165 100  
63 1.9 27.9 41.9#  
89 1.9 47.9 71.9#  
182 0.0 2.2 3.4#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.543 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

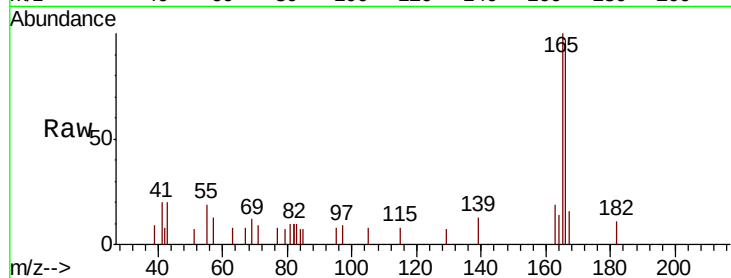
Tgt Ion:166 Resp: 5640

Ion Ratio Lower Upper

166 100

165 102.6 77.1 115.7

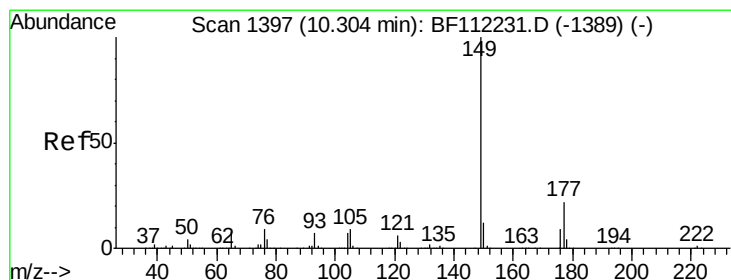
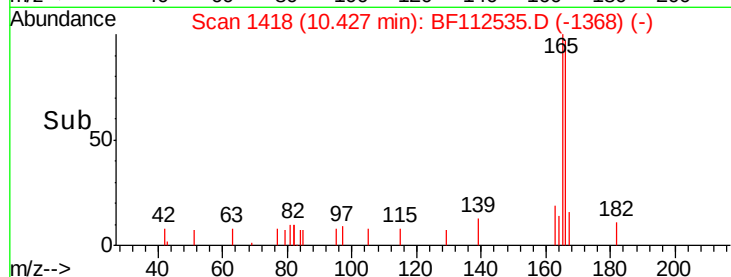
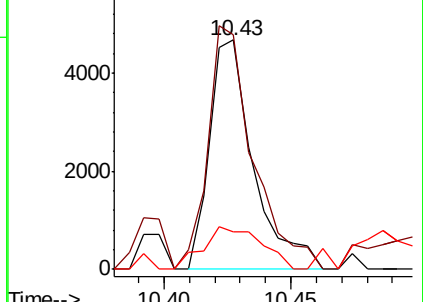
167 16.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.053 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

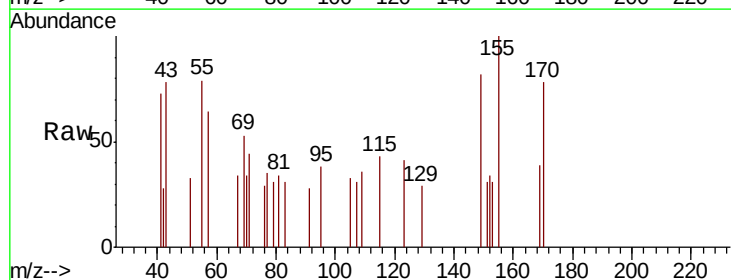
Tgt Ion:149 Resp: 630

Ion Ratio Lower Upper

149 100

177 0.0 18.2 27.2#

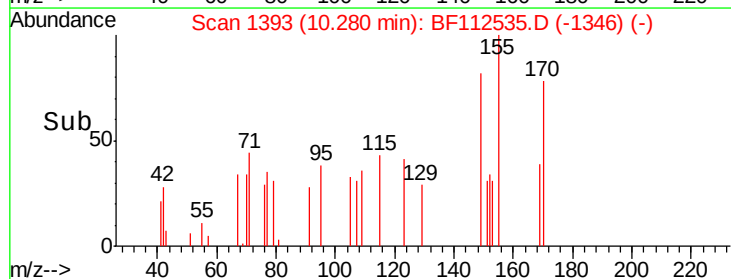
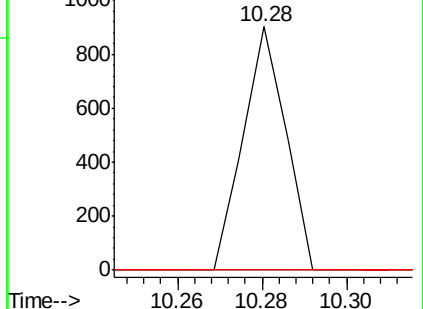
150 0.0 10.4 15.6#

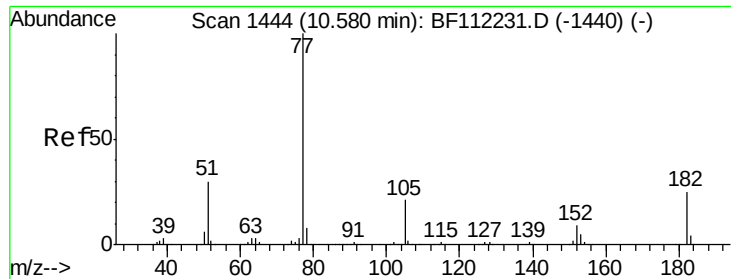


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

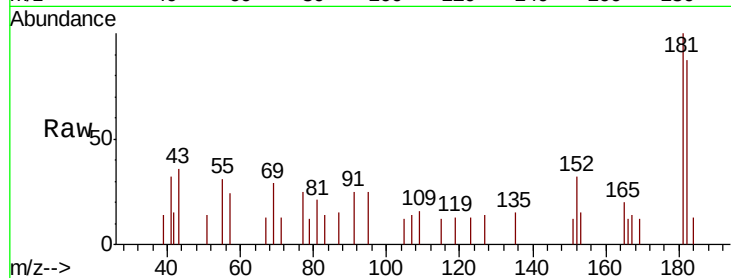




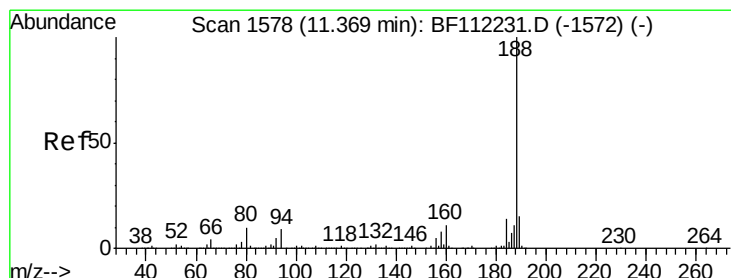
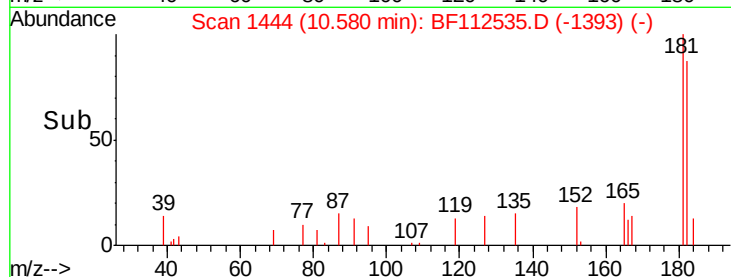
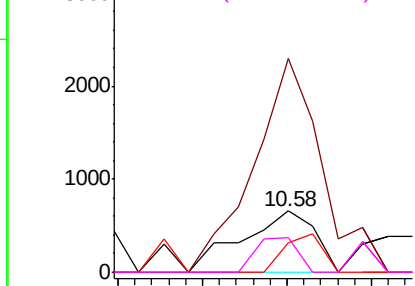
#63  
Azobenzene  
Concen: 0.077 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. -0.00 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

Tgt Ion: 77 Resp: 795  
Ion Ratio Lower Upper  
77 100  
182 348.1 5.7 45.7#  
105 48.1 1.4 41.4#  
51 55.5 9.5 49.5#

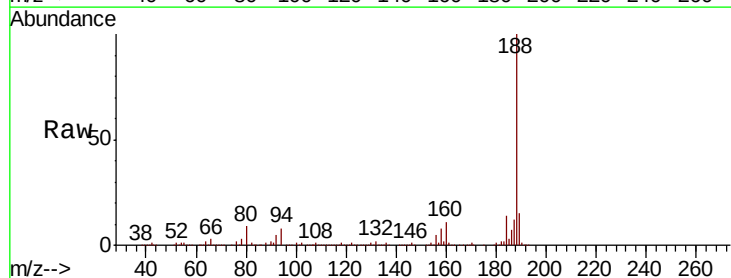


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

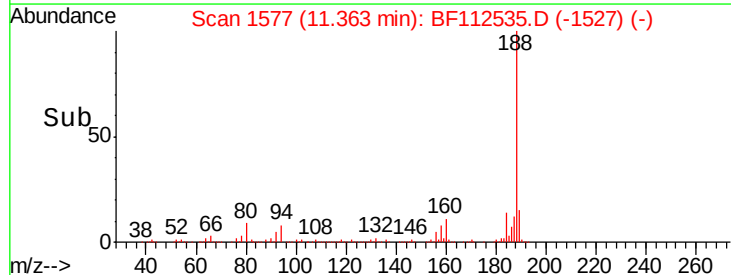
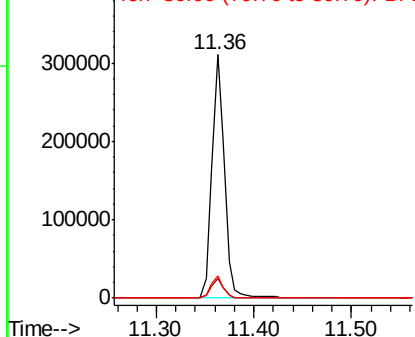


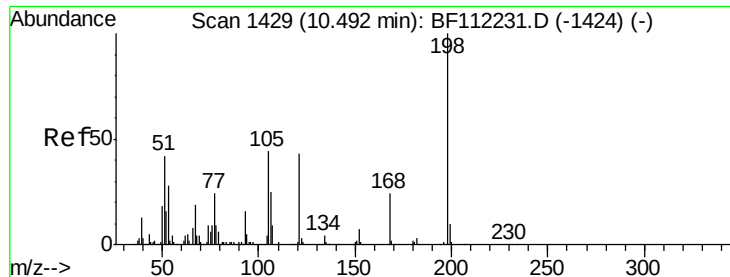
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion: 188 Resp: 276675  
Ion Ratio Lower Upper  
188 100  
94 8.0 8.2 12.2#  
80 8.9 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

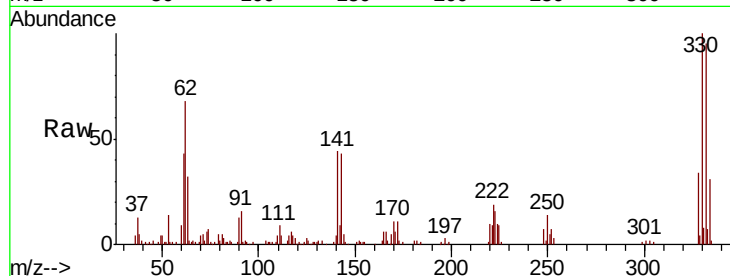




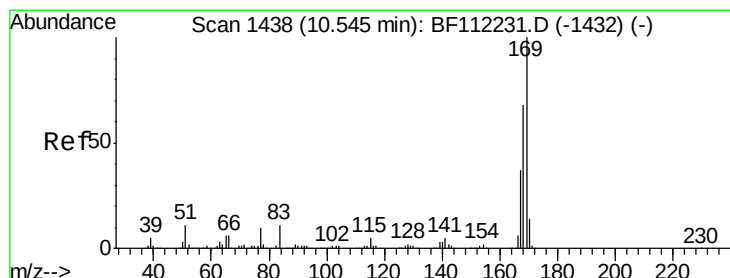
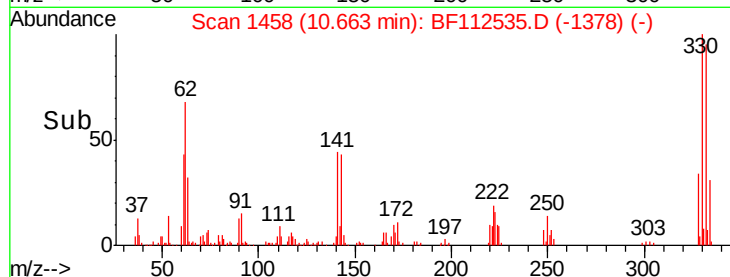
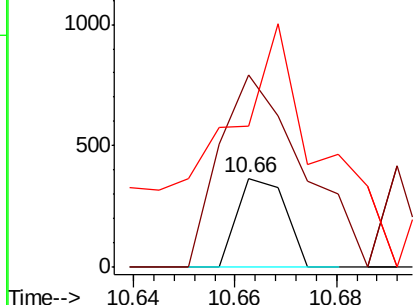
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.159 ng  
 RT: 10.66 min Scan# 1458  
 Delta R.T. 0.17 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

Tgt Ion:198 Resp: 246  
 Ion Ratio Lower Upper  
 198 100  
 51 216.7 17.2 57.2#  
 105 158.7 21.9 61.9#

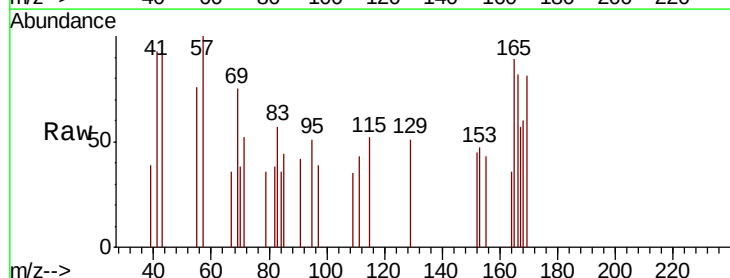


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

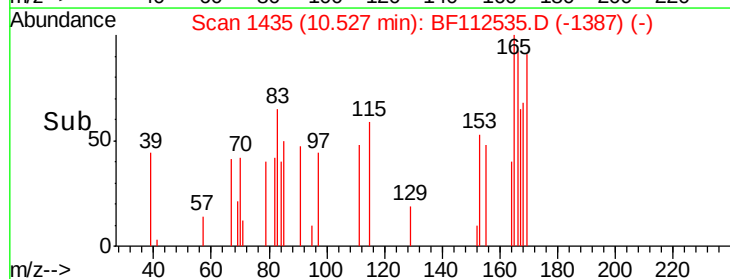
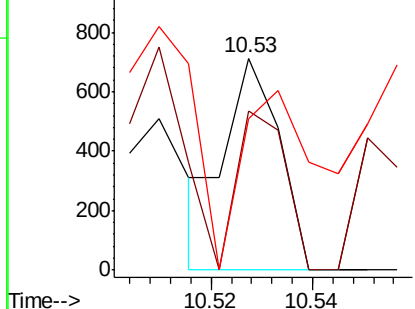


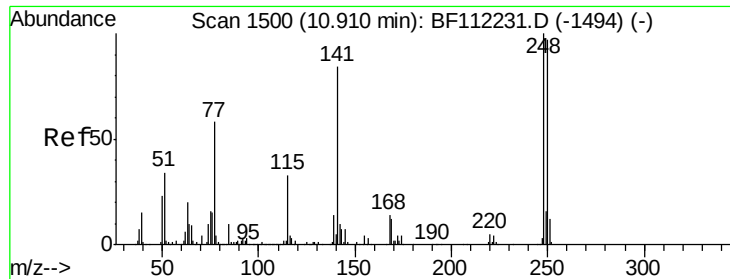
#66  
 n-Nitrosodiphenylamine  
 Concen: 0.057 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. -0.02 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Tgt Ion:169 Resp: 532  
 Ion Ratio Lower Upper  
 169 100  
 168 74.8 53.9 80.9  
 167 71.1 28.9 43.3#



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

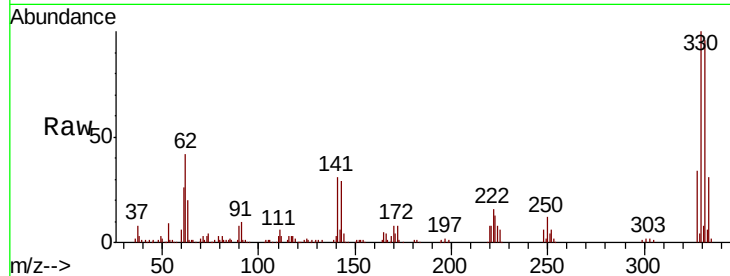




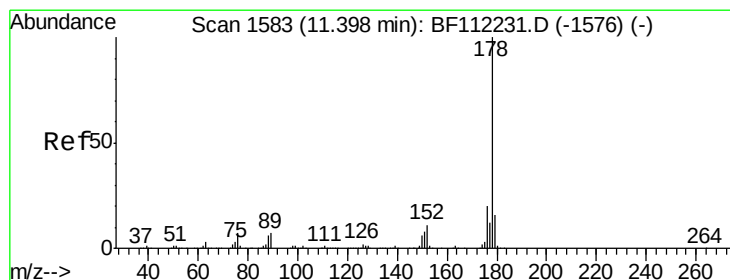
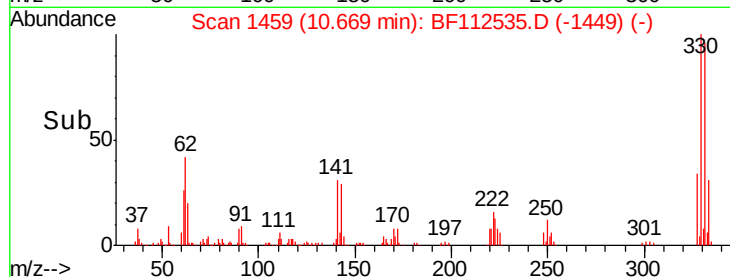
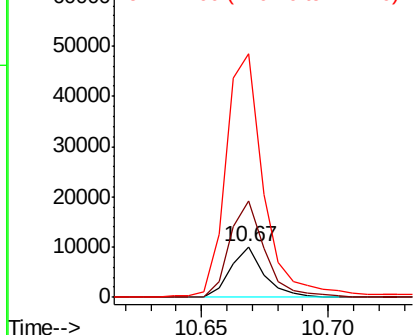
#67  
 4-Bromophenyl-phenylether  
 Concen: 2.816 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.24 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

Tgt Ion:248 Resp: 9165  
 Ion Ratio Lower Upper  
 248 100  
 250 190.5 79.7 119.5#  
 141 480.9 60.3 90.5#

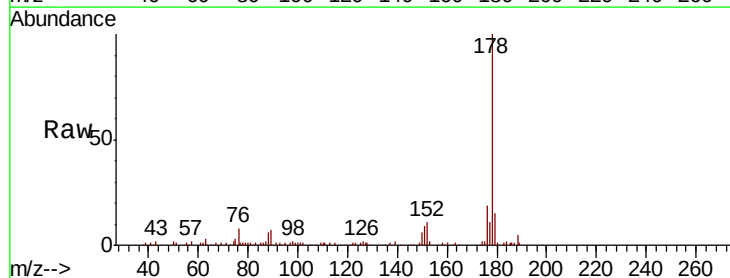


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

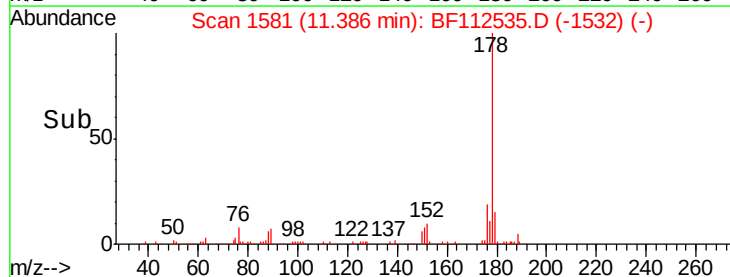
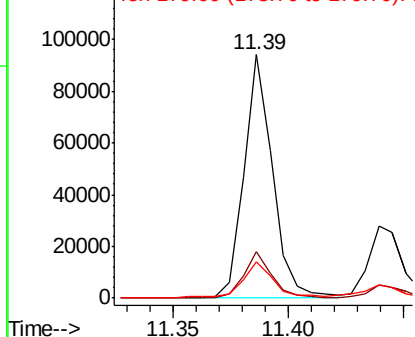


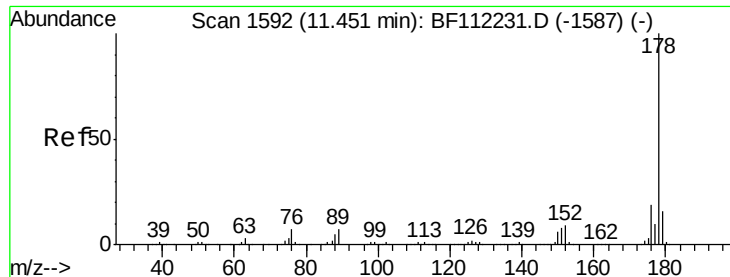
#71  
 Phenanthrene  
 Concen: 5.653 ng  
 RT: 11.39 min Scan# 1581  
 Delta R.T. -0.01 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Tgt Ion:178 Resp: 81306  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 16.3 24.5  
 179 14.9 13.0 19.4



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





#72

Anthracene

Concen: 2.054 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

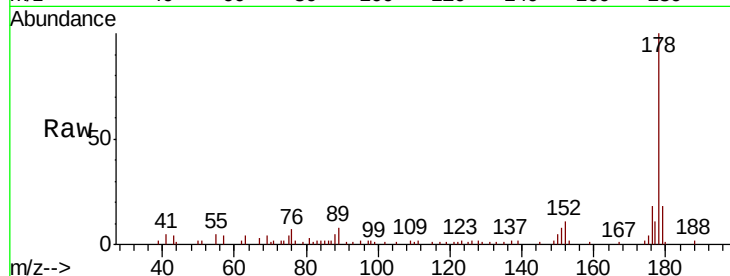
Tgt Ion:178 Resp: 29430

Ion Ratio Lower Upper

178 100

176 18.0 15.5 23.3

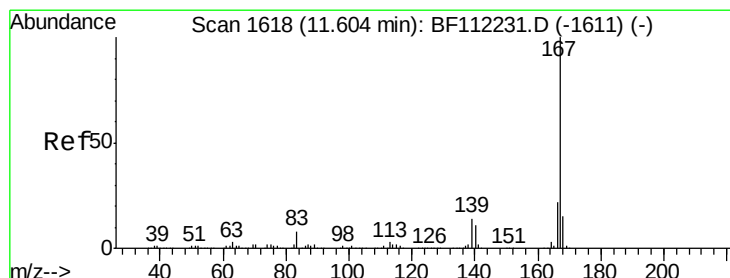
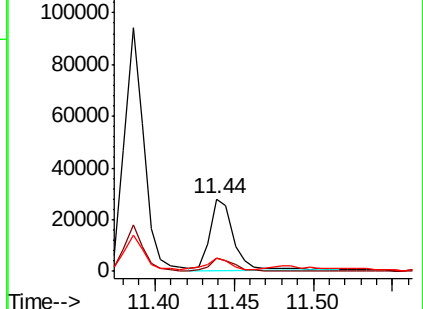
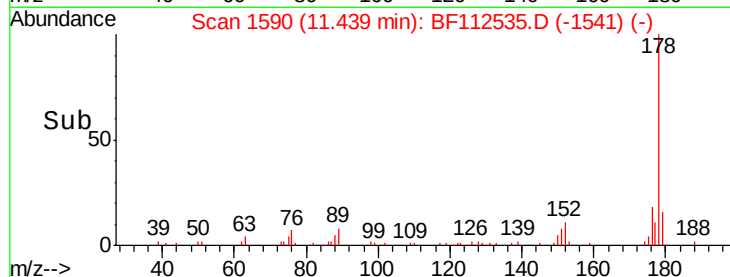
179 17.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.628 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

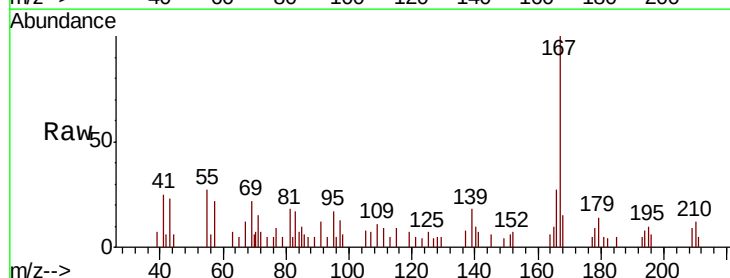
Tgt Ion:167 Resp: 8878

Ion Ratio Lower Upper

167 100

166 27.2 17.9 26.9#

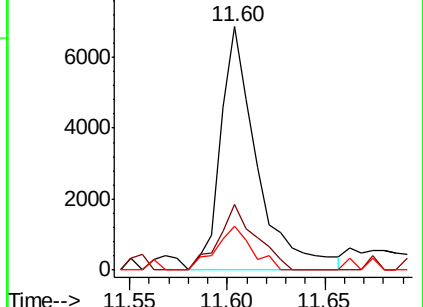
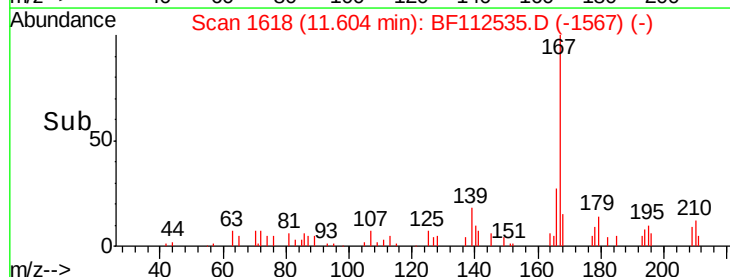
139 18.3 10.2 15.2#



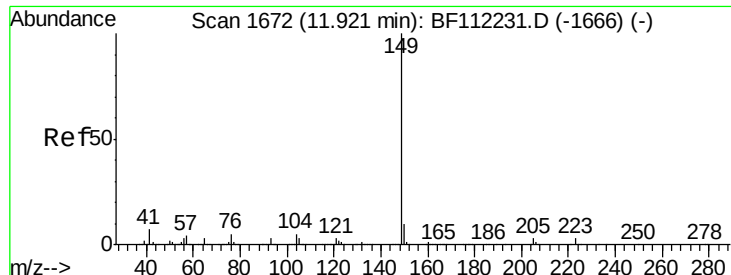
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#74

Di-n-butylphthalate

Concen: 0.504 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

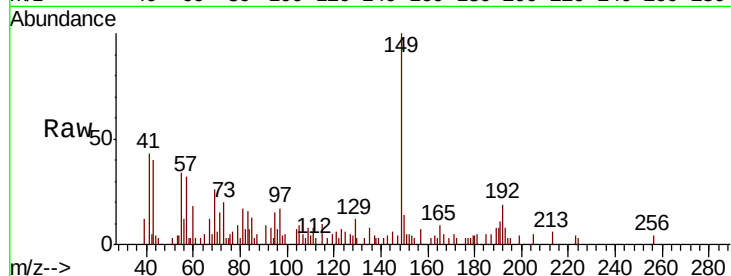
Tgt Ion:149 Resp: 8848

Ion Ratio Lower Upper

149 100

150 13.6 8.1 12.1#

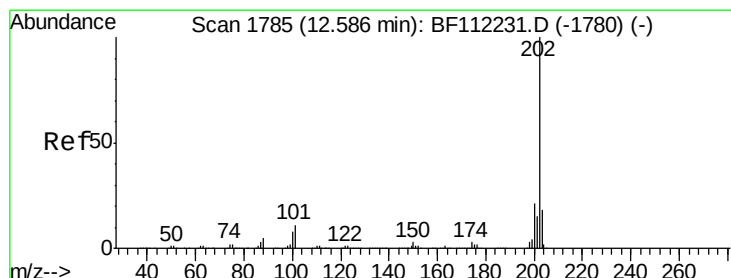
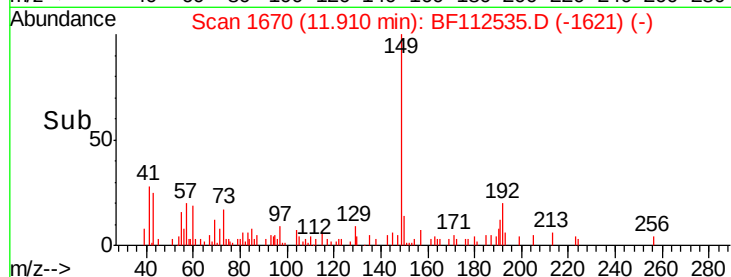
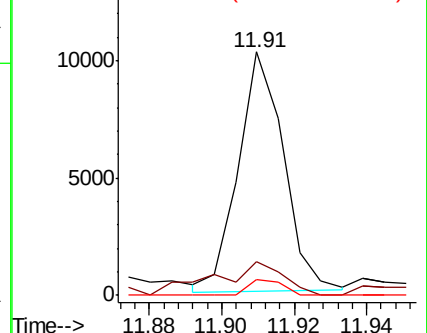
104 6.7 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 16.659 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

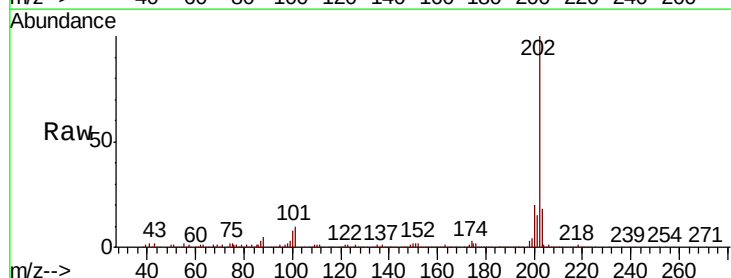
Tgt Ion:202 Resp: 257015

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.8

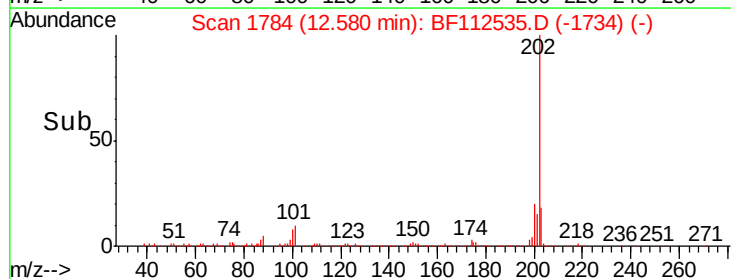
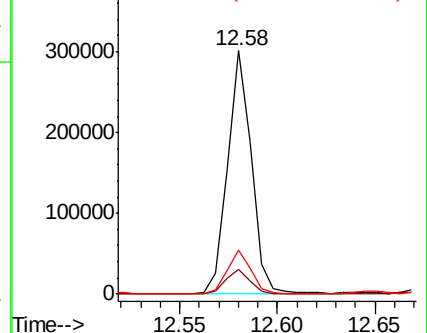
203 18.2 0.0 38.4

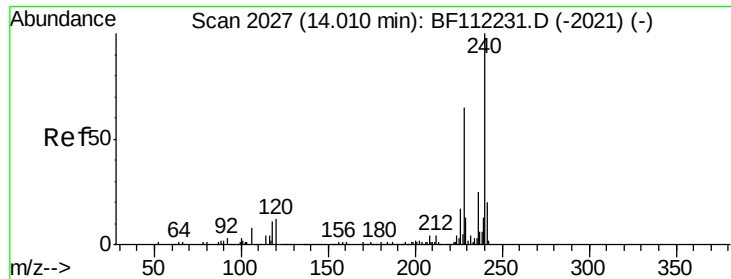


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

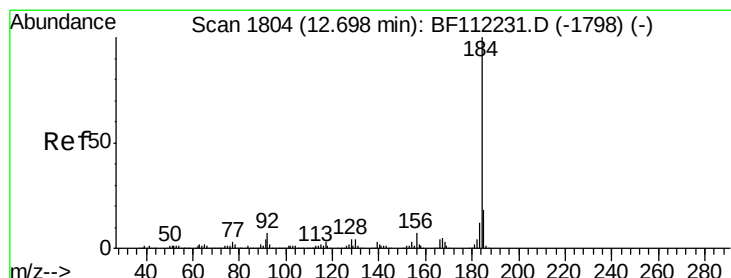
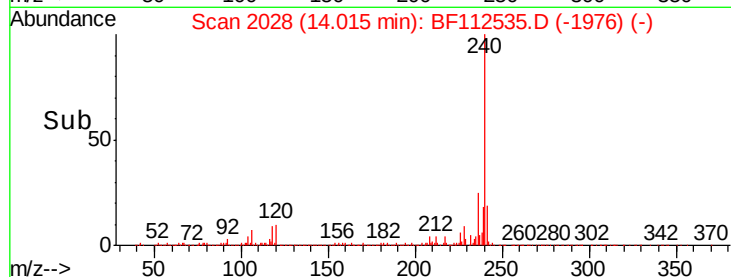
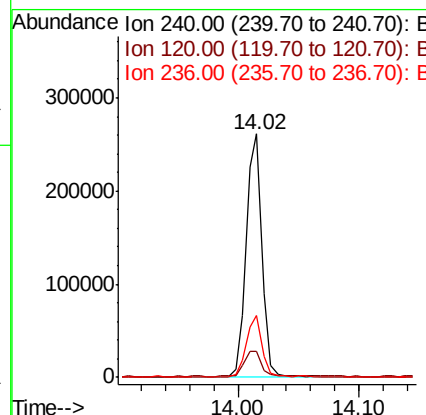
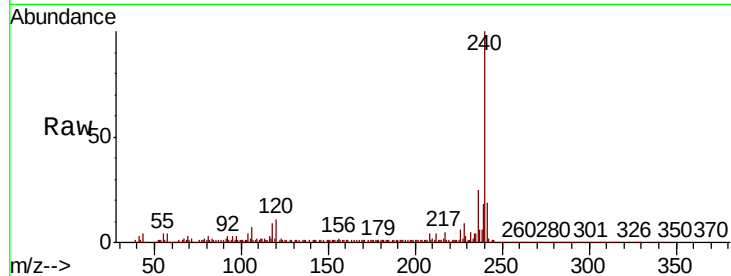




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

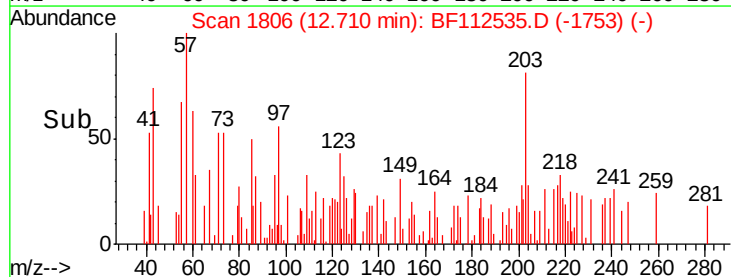
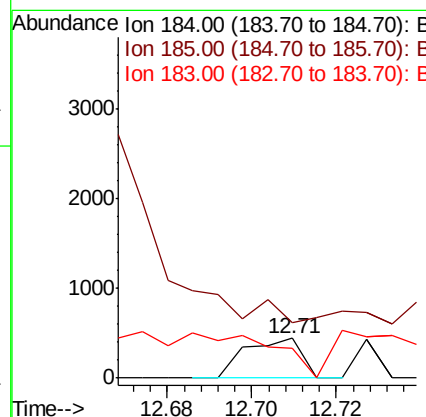
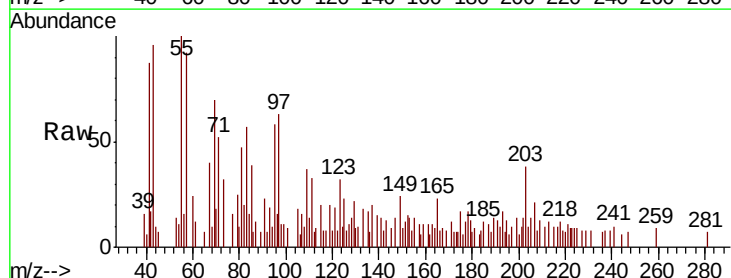
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

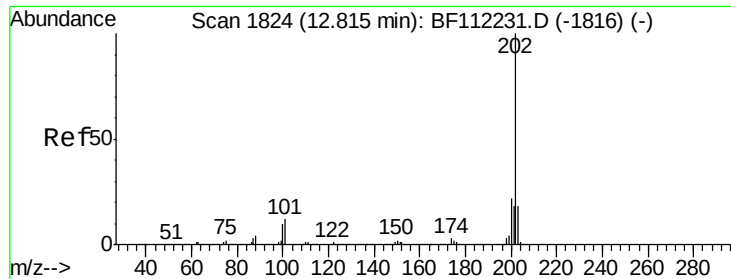
Tgt Ion:240 Resp: 238120  
Ion Ratio Lower Upper  
240 100  
120 10.7 9.0 13.6  
236 25.3 20.7 31.1



#77  
Benzidine  
Concen: 0.062 ng  
RT: 12.71 min Scan# 1806  
Delta R.T. 0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion:184 Resp: 406  
Ion Ratio Lower Upper  
184 100  
185 140.6 13.9 20.9#  
183 74.4 10.0 15.0#

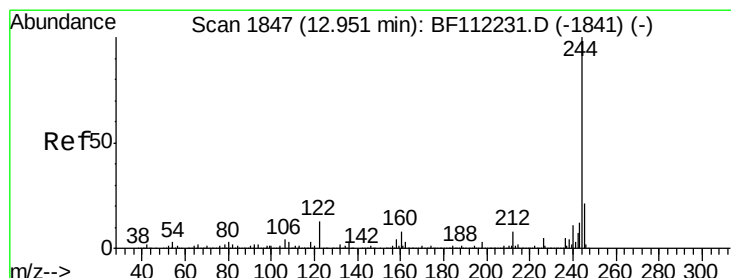
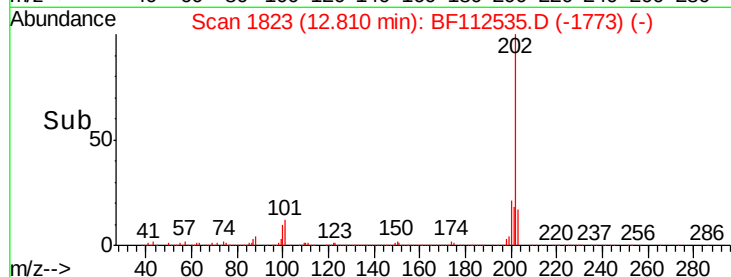
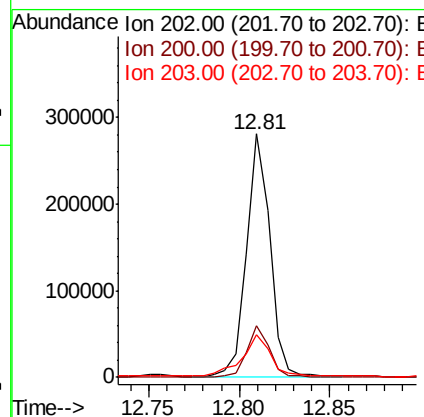
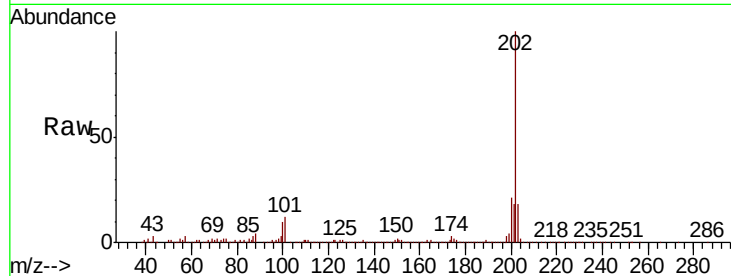




#78  
 Pyrene  
 Concen: 15.257 ng  
 RT: 12.81 min Scan# 1823  
 Delta R.T. -0.01 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

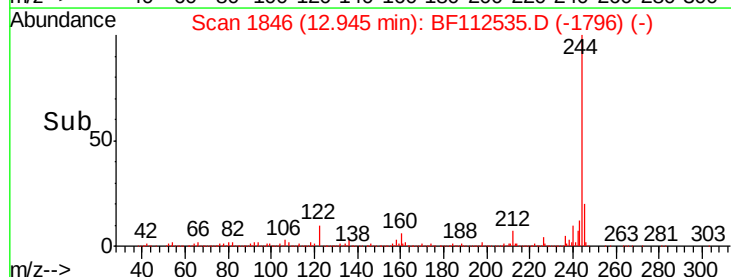
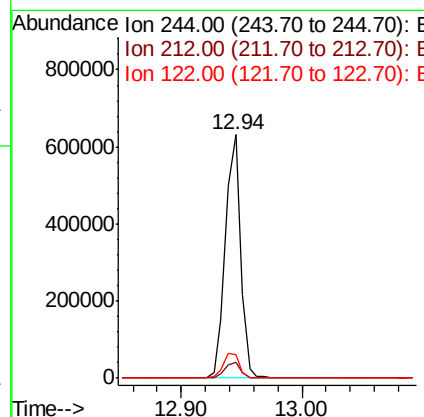
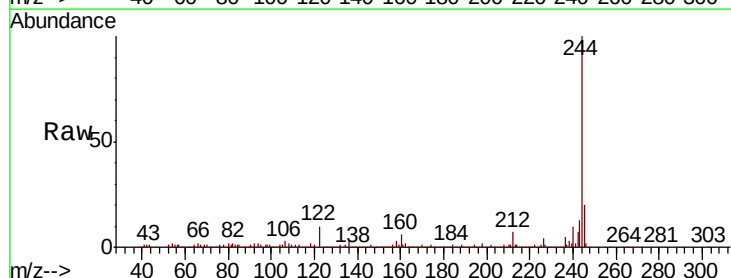
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

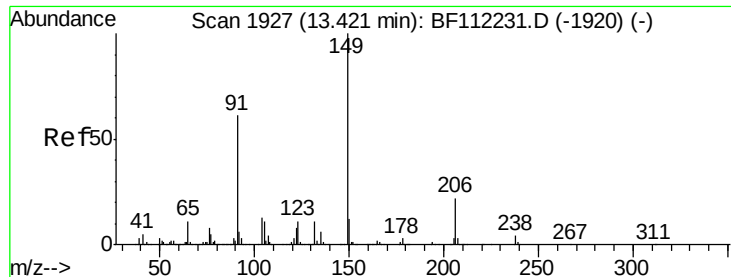
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 17.7  | 26.5  |
| 203     | 17.5  | 14.6  | 22.0  |



#79  
 Terphenyl-d14  
 Concen: 43.482 ng  
 RT: 12.94 min Scan# 1846  
 Delta R.T. -0.01 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.9   | 8.9   |
| 122     | 9.7   | 9.8   | 14.6# |

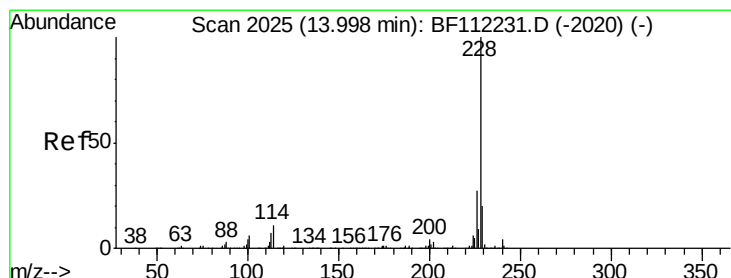
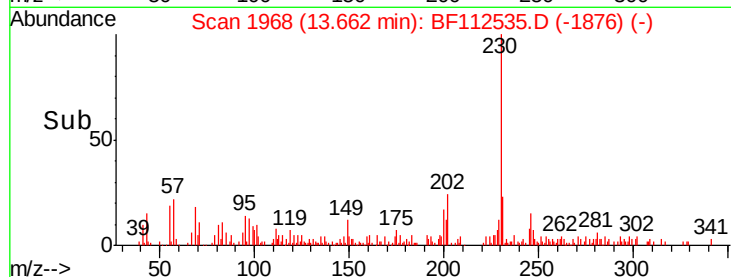
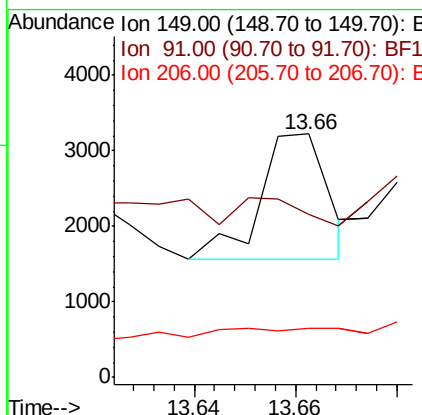
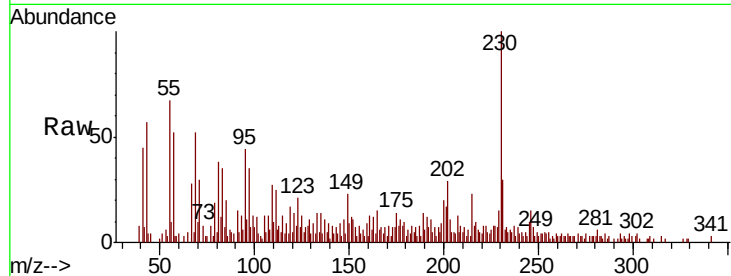




#80  
Butylbenzylphthalate  
Concen: 0.194 ng  
RT: 13.66 min Scan# 1968  
Delta R.T. 0.24 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

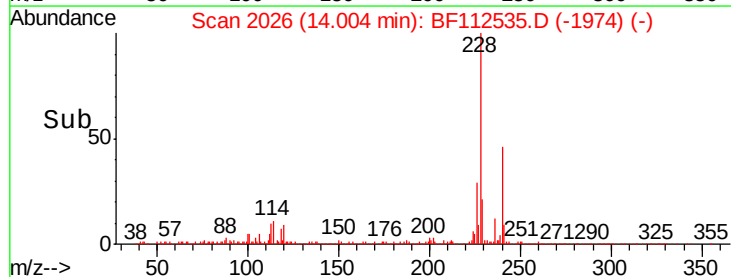
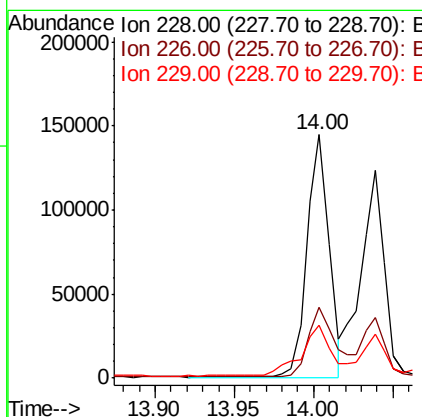
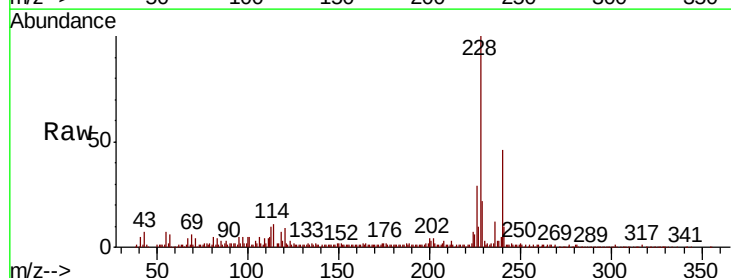
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-12

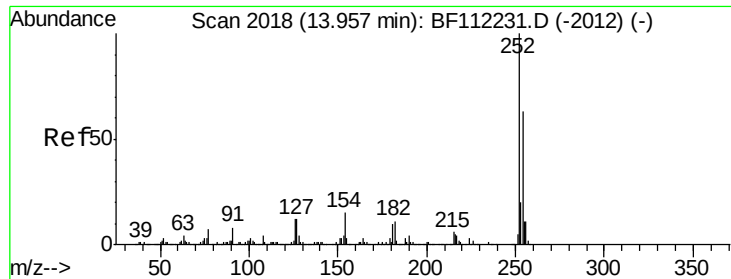
Tgt Ion:149 Resp: 1549  
Ion Ratio Lower Upper  
149 100  
91 66.7 50.3 75.5  
206 19.9 18.2 27.4



#81  
Benzo(a)anthracene  
Concen: 9.914 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. 0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

Tgt Ion:228 Resp: 138769  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.6 34.0  
229 21.9 16.5 24.7

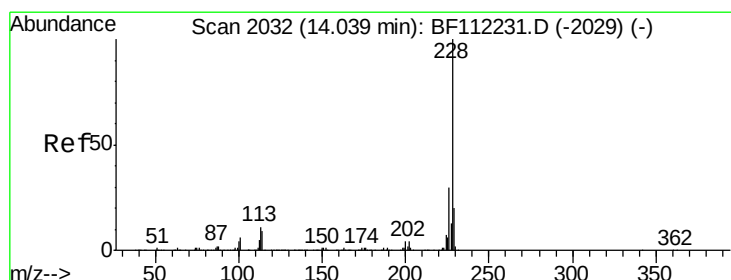
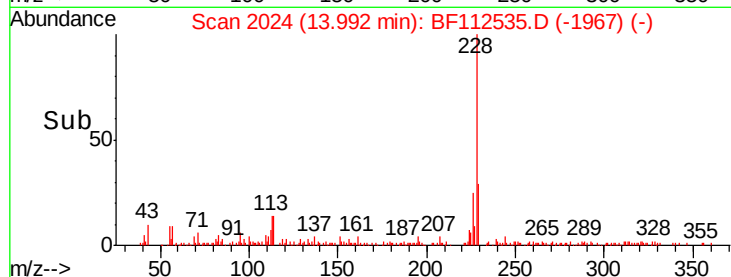
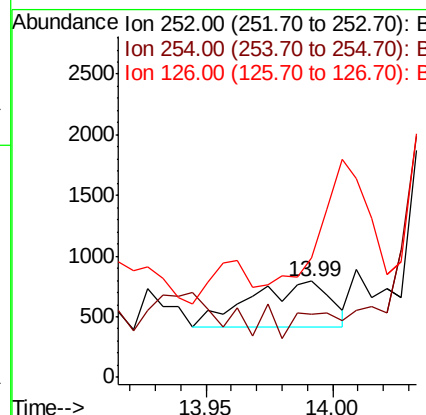
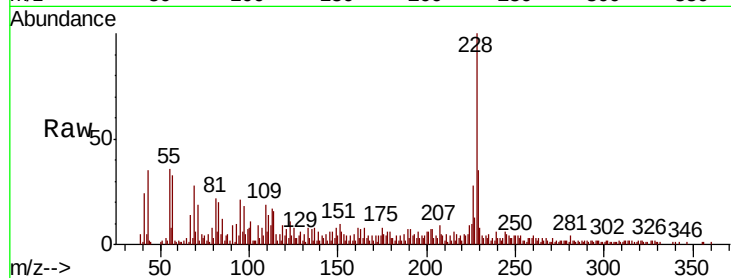




#82  
 3,3'-Dichlorobenzidine  
 Concen: 0.160 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. 0.04 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

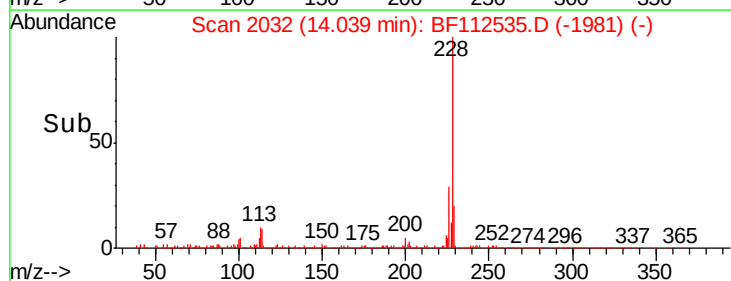
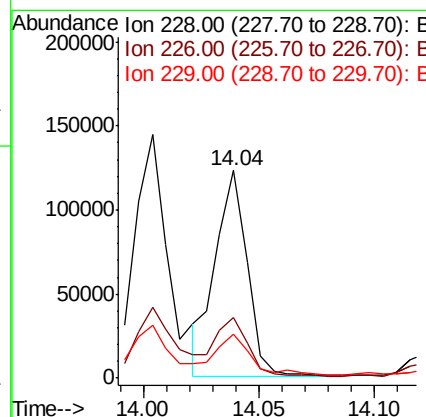
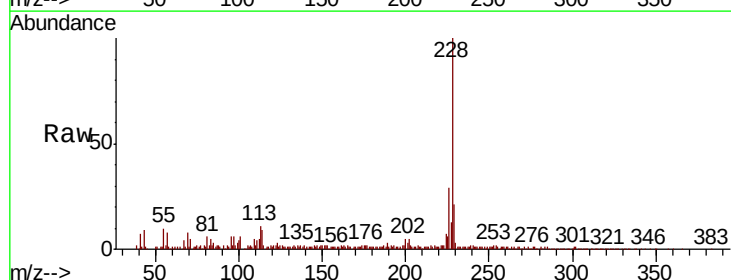
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

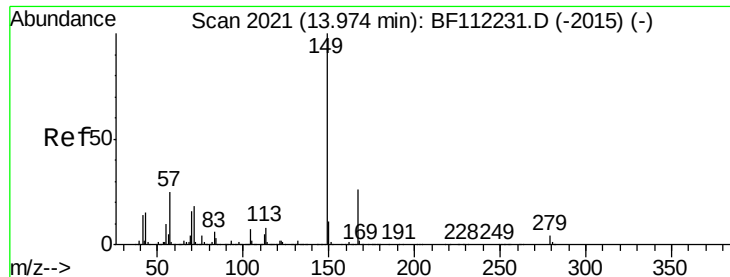
Tgt Ion:252 Resp: 838  
 Ion Ratio Lower Upper  
 252 100  
 254 65.7 51.6 77.4  
 126 124.8 8.6 12.8#



#83  
 Chrysene  
 Concen: 8.795 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.00 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Tgt Ion:228 Resp: 117514  
 Ion Ratio Lower Upper  
 228 100  
 226 29.1 25.0 37.6  
 229 21.2 16.6 24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.330 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampled :

COMP-12

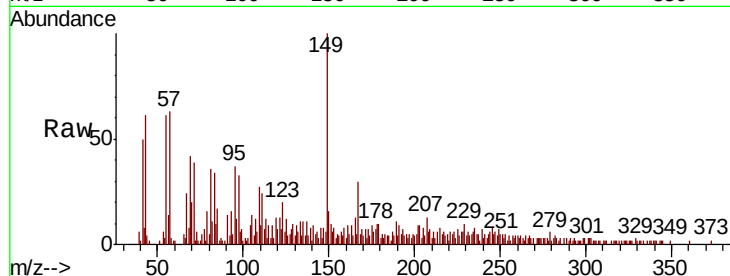
Tgt Ion:149 Resp: 15056

Ion Ratio Lower Upper

149 100

167 30.4 22.5 33.7

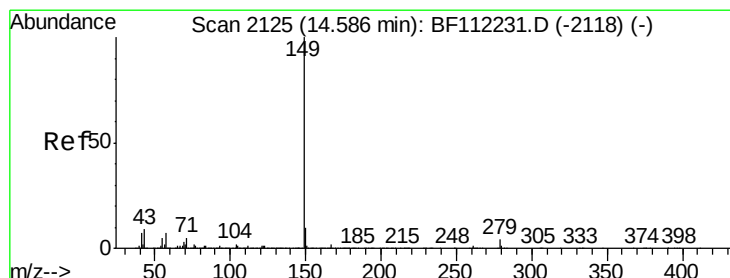
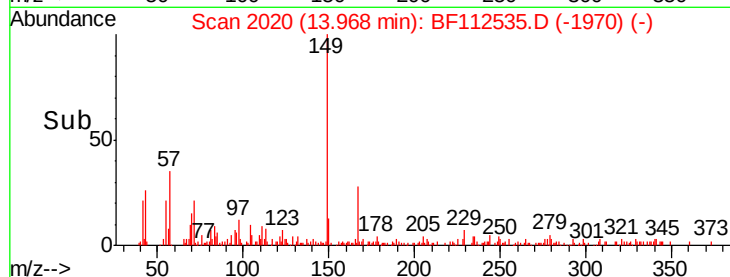
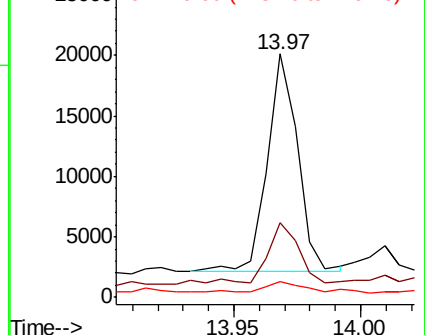
279 6.3 3.8 5.6#



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



#85

Di-n-octyl phthalate

Concen: 0.311 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

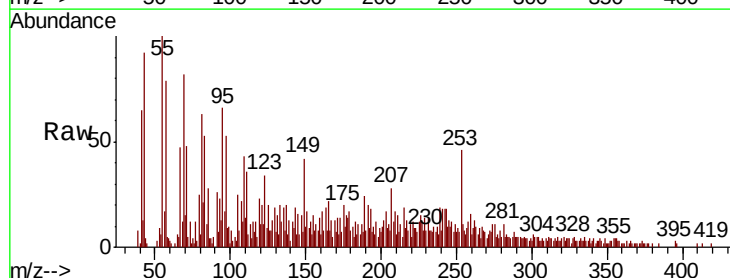
Tgt Ion:149 Resp: 5419

Ion Ratio Lower Upper

149 100

167 10.5 1.3 1.9#

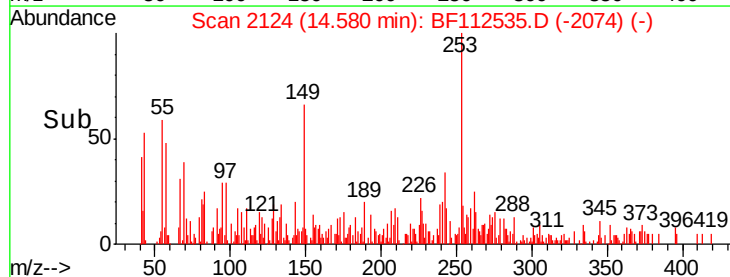
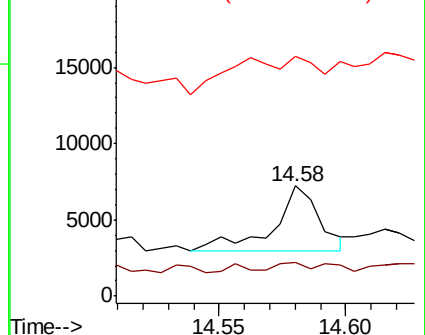
43 0.0 7.8 11.6#

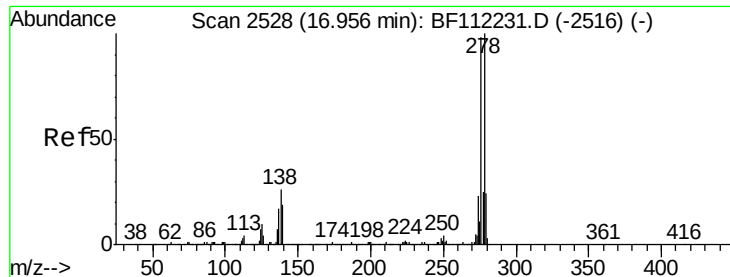


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

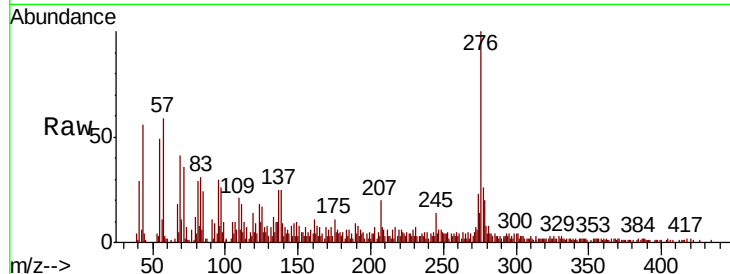




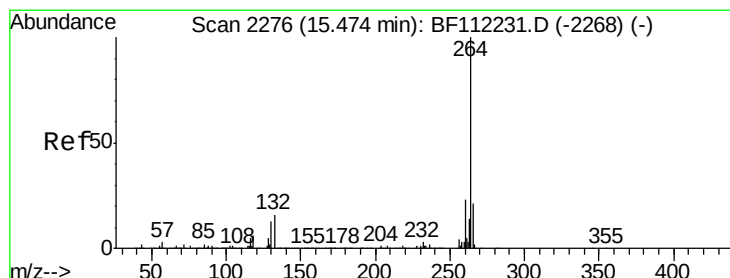
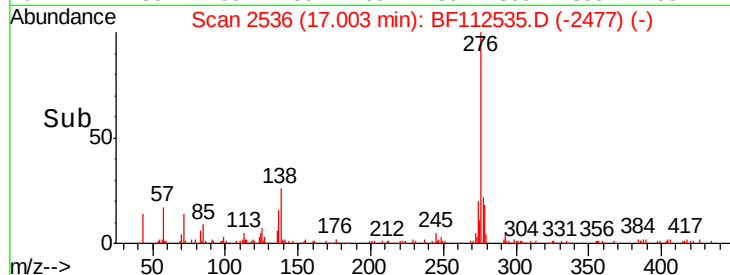
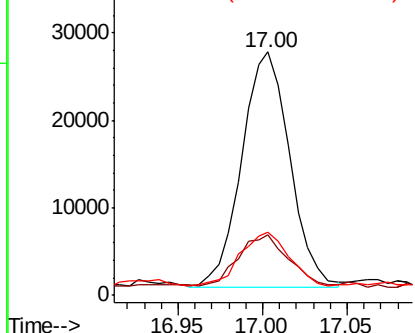
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 5.032 ng  
 RT: 17.00 min Scan# 2536  
 Delta R.T. 0.05 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.2  | 22.6  | 34.0# |
| 277     | 23.6  | 20.3  | 30.5  |

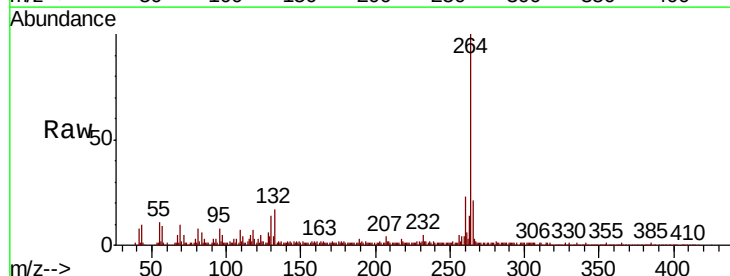


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

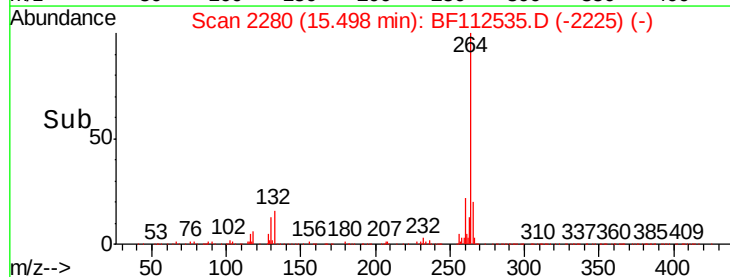
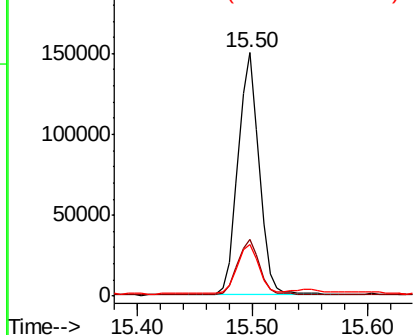


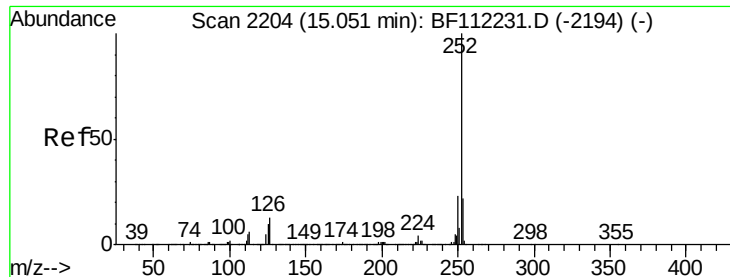
#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.50 min Scan# 2280  
 Delta R.T. 0.02 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 18.2  | 27.2  |
| 265     | 21.1  | 17.0  | 25.4  |



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

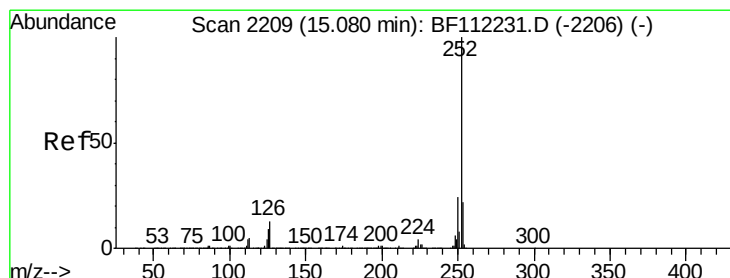
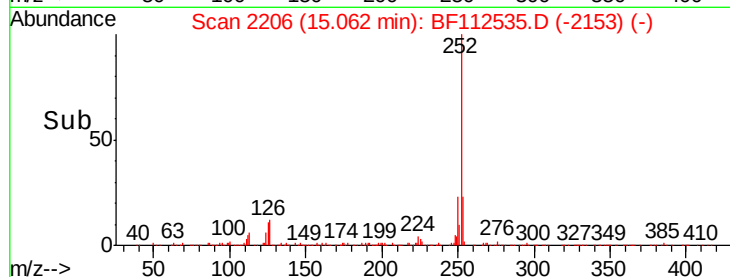
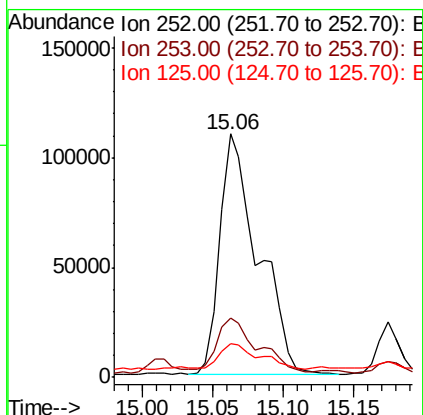
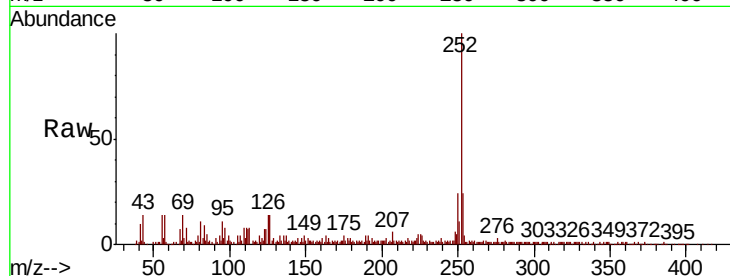




#88  
Benzo(b)fluoranthene  
Concen: 18.234 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. 0.01 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

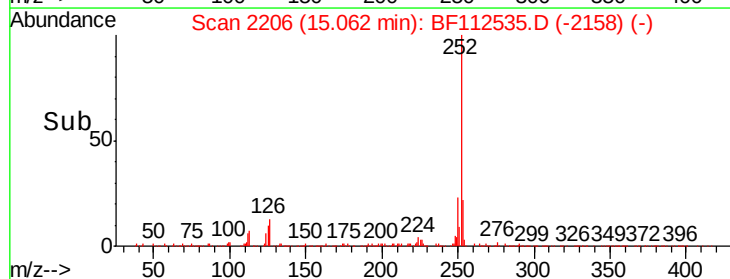
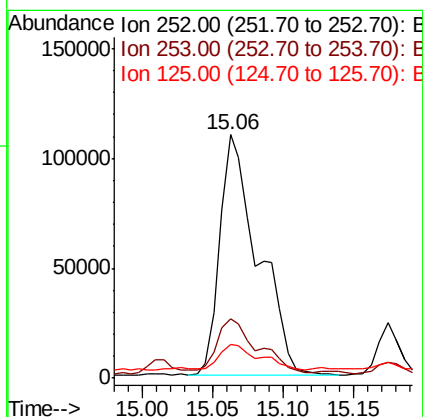
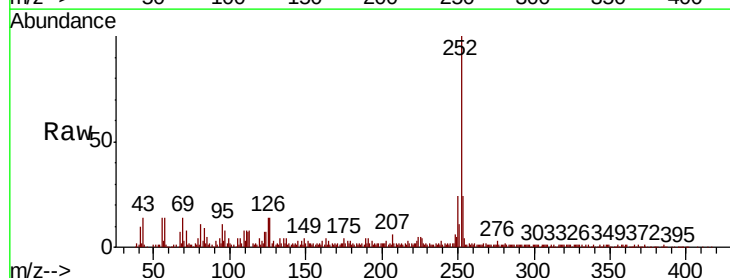
Instrument :  
BNA\_F  
ClientSampled :  
COMP-12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.4  | 18.0  | 27.0  |
| 125     | 13.7  | 8.7   | 13.1# |

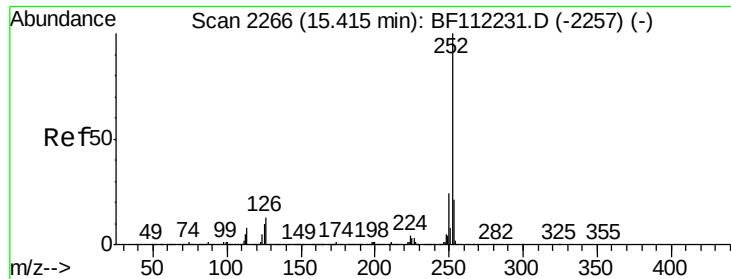


#89  
Benzo(k)fluoranthene  
Concen: 19.036 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. -0.02 min  
Lab File: BF112535.D  
Acq: 13 Feb 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.4  | 18.0  | 27.0  |
| 125     | 13.7  | 9.1   | 13.7# |







#90

Benzo(a)pyrene

Concen: 10.225 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.02 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

Instrument :

BNA\_F

ClientSampleId :

COMP-12

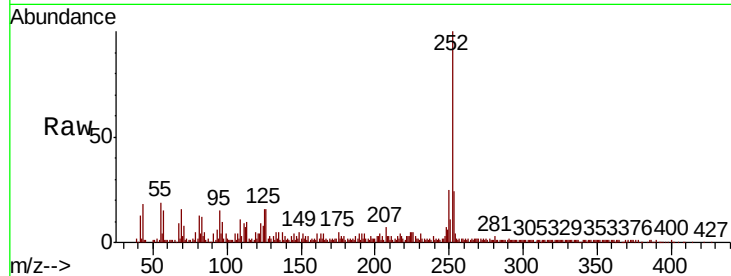
Tgt Ion:252 Resp: 104839

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 15.9 9.0 13.4#

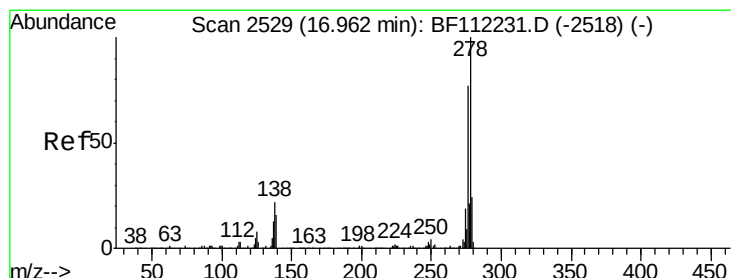
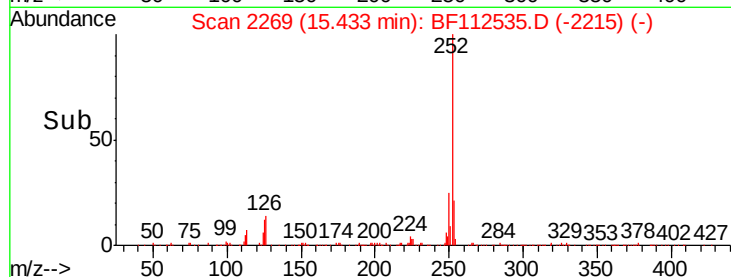
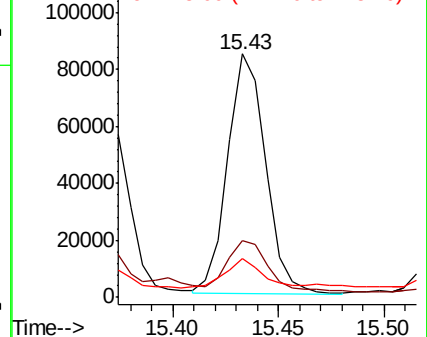


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 1.735 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.03 min

Lab File: BF112535.D

Acq: 13 Feb 2019 13:28

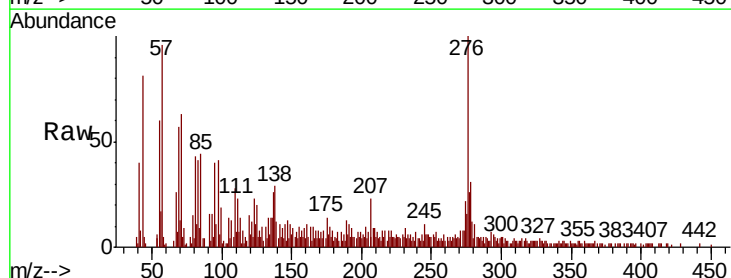
Tgt Ion:278 Resp: 14337

Ion Ratio Lower Upper

278 100

139 37.9 13.7 20.5#

279 39.8 19.0 28.6#

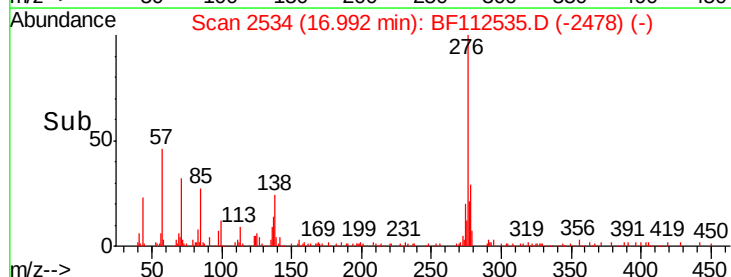
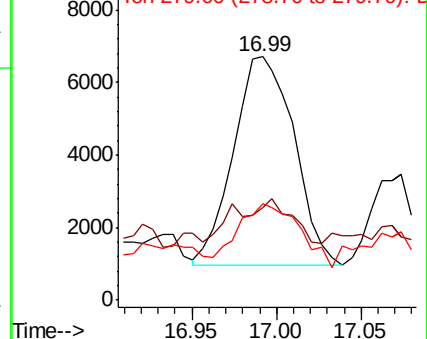


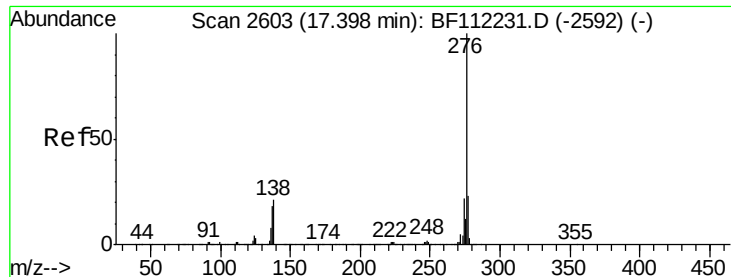
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

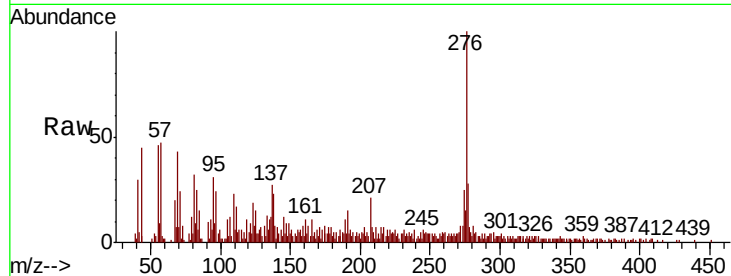




#92  
 Benzo(g,h,i)perylene  
 Concen: 6.577 ng  
 RT: 17.46 min Scan# 2613  
 Delta R.T. 0.06 min  
 Lab File: BF112535.D  
 Acq: 13 Feb 2019 13:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 28.0  | 19.4  | 29.0  |
| 138     | 23.2  | 19.1  | 28.7  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

