

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\  
 Data File : BM022772.D  
 Acq On : 25 Sep 2019 15:26  
 Operator : JU  
 Sample : PB123298BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

Quant Time: Sep 26 06:00:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 16:34:01 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 224665   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.61 | 136  | 881015   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.46 | 164  | 483512   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.19 | 188  | 904069   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.37 | 240  | 720618   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.64 | 264  | 658583   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 1529124 | 107.94 | ng | 0.00  |
| 7) Phenol-d6             | 6.99  | 99  | 1885587 | 103.64 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.97  | 82  | 1033979 | 65.15  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 15.94 | 330 | 681874  | 112.97 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.07 | 172 | 2438612 | 69.45  | ng | -0.01 |
| 79) Terphenyl-d14        | 19.82 | 244 | 3002692 | 80.69  | ng | 0.00  |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.32  | 88  | 220764  | 38.730 | ng | # 100  |
| 3) Pyridine                    | 3.72  | 79  | 522128  | 34.752 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.62  | 42  | 230195  | 42.087 | ng | # 97   |
| 6) Aniline                     | 7.15  | 93  | 799496  | 36.647 | ng | 99     |
| 8) 2-Chlorophenol              | 7.39  | 128 | 653616  | 45.286 | ng | 99     |
| 9) Benzaldehyde                | 6.96  | 77  | 334509  | 32.289 | ng | 99     |
| 10) Phenol                     | 7.02  | 94  | 745530  | 43.524 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.25  | 93  | 581062  | 43.177 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.71  | 146 | 714296  | 41.408 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 730793  | 41.847 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.17  | 146 | 688541  | 41.355 | ng | 100    |
| 15) Benzyl Alcohol             | 8.06  | 79  | 496233  | 43.587 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 794203  | 40.626 | ng | 100    |
| 17) 2-Methylphenol             | 8.26  | 107 | 496256  | 43.770 | ng | 99     |
| 18) Hexachloroethane           | 8.90  | 117 | 265488  | 41.449 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70  | 427053  | 42.032 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.59  | 107 | 660709  | 43.752 | ng | 98     |
| 22) Acetophenone               | 8.64  | 105 | 866095  | 39.826 | ng | # 99   |
| 24) Nitrobenzene               | 9.02  | 77  | 635253  | 41.833 | ng | 98     |
| 25) Isophorone                 | 9.55  | 82  | 1134957 | 43.491 | ng | 99     |
| 26) 2-Nitrophenol              | 9.73  | 139 | 316222  | 48.237 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.79  | 122 | 558912  | 50.927 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.02 | 93  | 764592  | 42.340 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 574723  | 46.319 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.47 | 180 | 641702  | 42.035 | ng | 100    |
| 31) Naphthalene                | 10.66 | 128 | 1853364 | 42.576 | ng | 100    |
| 32) Benzoic acid               | 9.92  | 122 | 334733  | 44.697 | ng | 96     |
| 33) 4-Chloroaniline            | 10.76 | 127 | 397683  | 21.041 | ng | 100    |
| 34) Hexachlorobutadiene        | 10.96 | 225 | 384654  | 42.269 | ng | 100    |
| 35) Caprolactam                | 11.55 | 113 | 71623   | 19.471 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.89 | 107 | 541303  | 44.715 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.27 | 142 | 1321346 | 43.607 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.49 | 142 | 1229011 | 42.729 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 701612  | 42.825 | ng | 99     |

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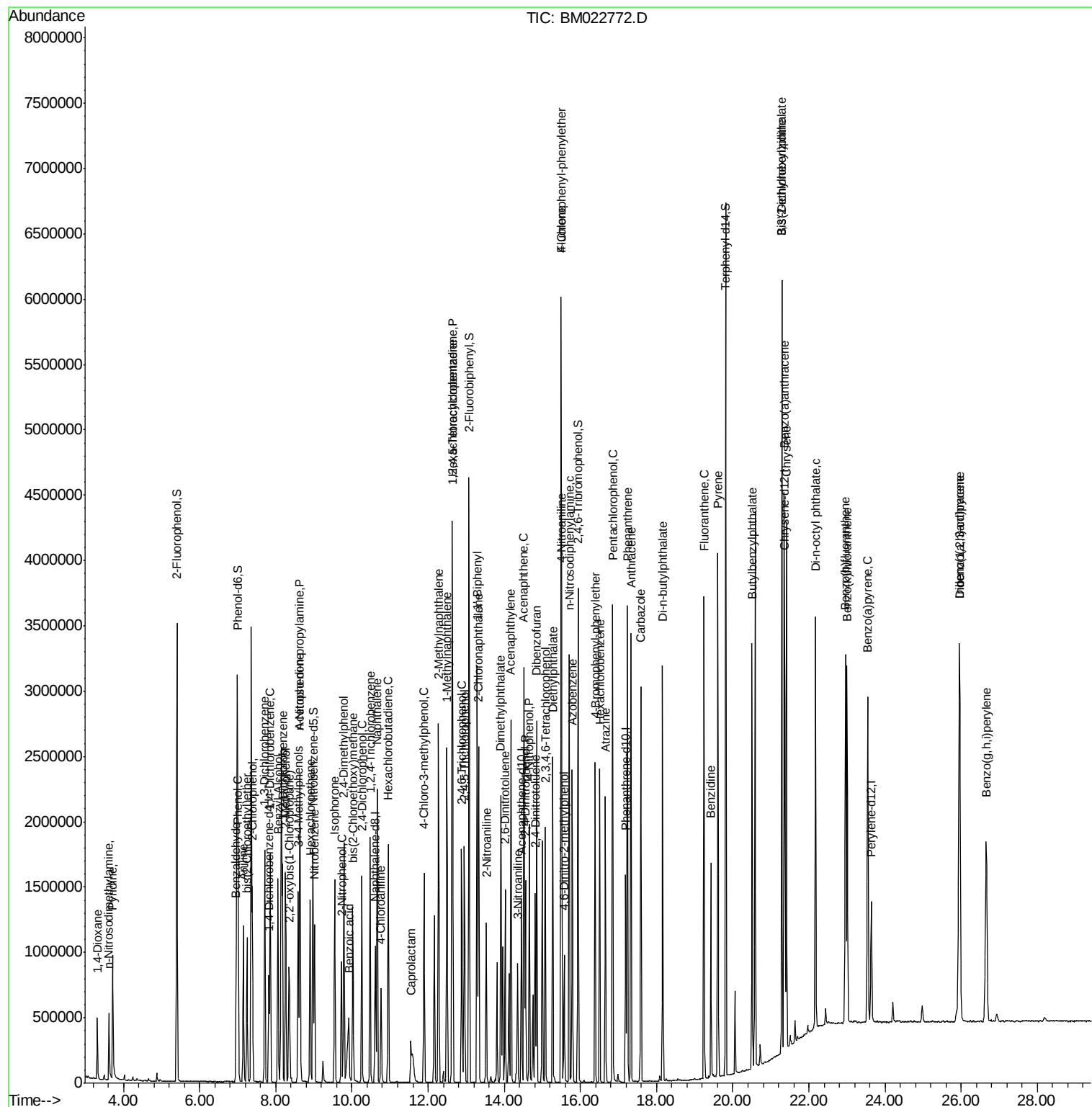
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.63 | 237  | 930517   | 104.097 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.88 | 196  | 438524   | 46.376  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.95 | 196  | 466539   | 47.346  | ng    | 100      |
| 46) 1,1'-Biphenyl              | 13.29 | 154  | 1641921  | 41.030  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.33 | 162  | 1266188  | 42.452  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.53 | 65   | 316625   | 40.767  | ng    | 99       |
| 49) Acenaphthylene             | 14.17 | 152  | 1965914  | 44.510  | ng    | 100      |
| 50) Dimethylphthalate          | 13.92 | 163  | 1481418  | 42.396  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 328076   | 44.887  | ng    | 99       |
| 52) Acenaphthene               | 14.52 | 154  | 1193717  | 41.311  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.35 | 138  | 232508   | 27.633  | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.56 | 184  | 343225   | 86.095  | ng    | 96       |
| 55) Dibenzofuran               | 14.85 | 168  | 1821368  | 43.175  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.66 | 139  | 560491   | 86.664  | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.81 | 165  | 428945   | 44.798  | ng    | 100      |
| 58) Fluorene                   | 15.50 | 166  | 1460299  | 42.598  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.08 | 232  | 398107   | 46.326  | ng    | 97       |
| 60) Diethylphthalate           | 15.27 | 149  | 1467849  | 43.203  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204  | 759824   | 43.138  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.52 | 138  | 334458   | 37.914  | ng    | 99       |
| 63) Azobenzene                 | 15.79 | 77   | 1315337  | 42.870  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 224860   | 49.273  | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.71 | 169  | 1260644  | 45.644  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.39 | 248  | 463214   | 46.066  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.50 | 284  | 507755   | 43.300  | ng    | 99       |
| 69) Atrazine                   | 16.66 | 200  | 384089   | 42.779  | ng    | 100      |
| 70) Pentachlorophenol          | 16.84 | 266  | 618906   | 98.965  | ng    | 99       |
| 71) Phenanthrene               | 17.23 | 178  | 2146974  | 42.087  | ng    | 100      |
| 72) Anthracene                 | 17.33 | 178  | 2167018  | 43.832  | ng    | 100      |
| 73) Carbazole                  | 17.59 | 167  | 1922066  | 41.778  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.16 | 149  | 2411420  | 46.226  | ng    | 100      |
| 75) Fluoranthene               | 19.25 | 202  | 2332632  | 40.522  | ng    | 98       |
| 77) Benzidine                  | 19.43 | 184  | 869011   | 43.958  | ng    | 99       |
| 78) Pyrene                     | 19.61 | 202  | 2364306  | 50.064  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.51 | 149  | 955259   | 53.223  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.36 | 228  | 2012936  | 43.100  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 653504   | 39.456  | ng    | 99       |
| 83) Chrysene                   | 21.41 | 228  | 1944540  | 42.946  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 1432976  | 53.884  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.18 | 149  | 2185694  | 51.569  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.95 | 276  | 2039480  | 37.738  | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.96 | 252  | 1841314  | 46.177  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.00 | 252  | 1835697  | 46.397  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.54 | 252  | 1758809  | 47.867  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.96 | 278  | 1721054  | 44.780  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.66 | 276  | 1684232  | 46.138  | ng    | 99       |

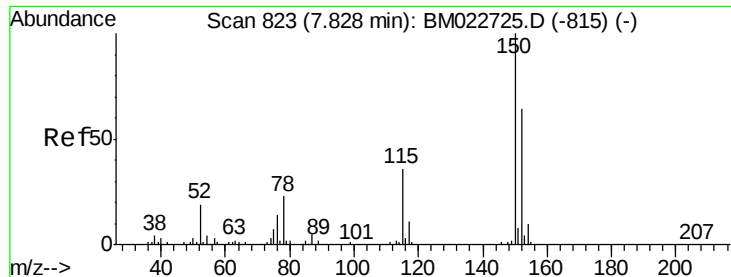
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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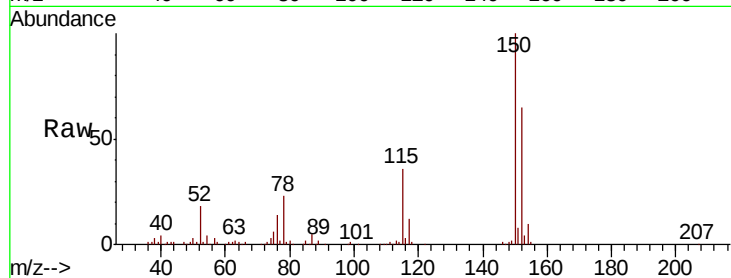


#1

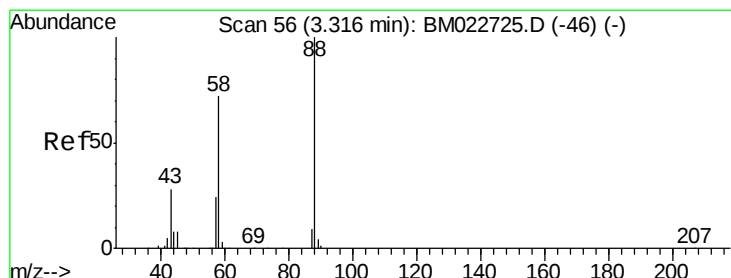
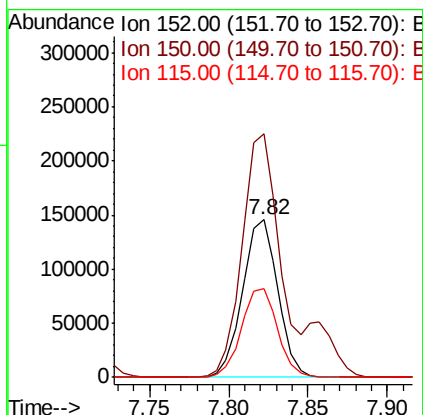
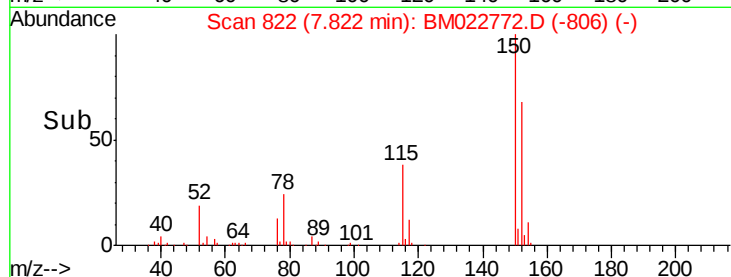
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.82 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Instrument :  
BNA\_M  
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PB123298BSD

Tot Ion:152 Resp: 224665  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.5 186.7  
115 56.1 45.0 67.4



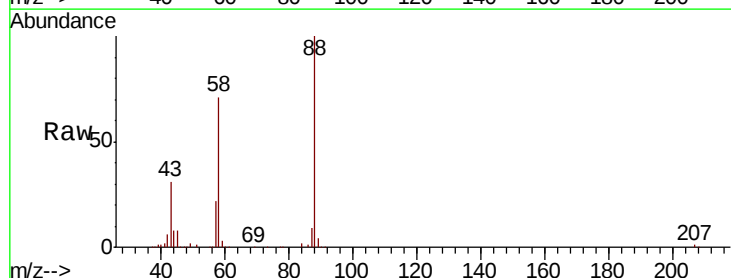
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



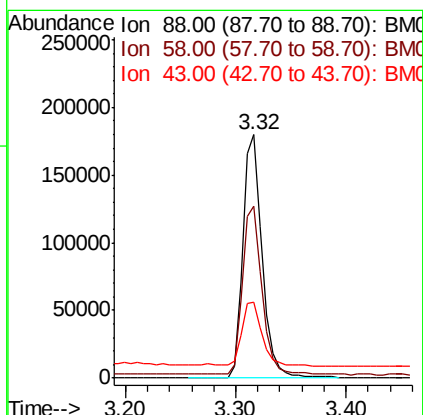
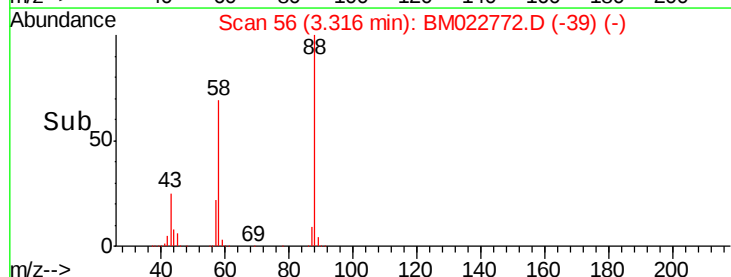
#2

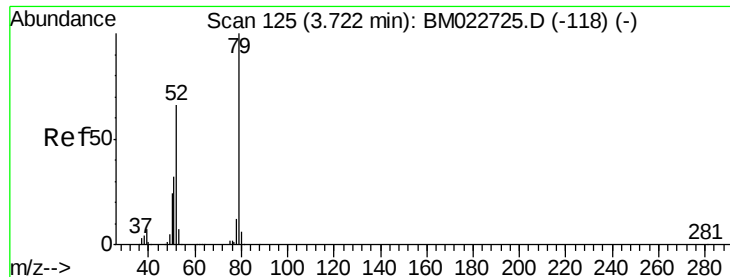
1,4-Dioxane  
Concen: 38.730 ng  
RT: 3.32 min Scan# 56  
Delta R.T. -0.00 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion: 88 Resp: 220764  
Ion Ratio Lower Upper  
88 100  
58 69.4 0.0 0.0#  
43 27.2 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.752 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

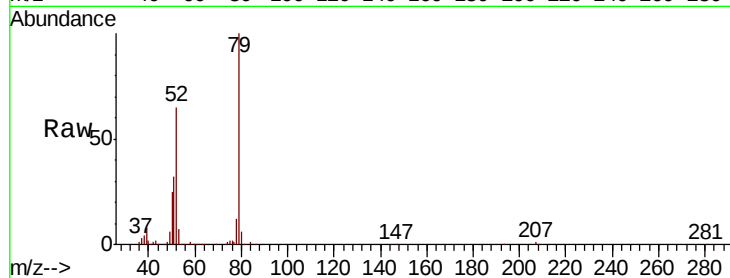
Tot Ion: 79 Resp: 522128

Ion Ratio Lower Upper

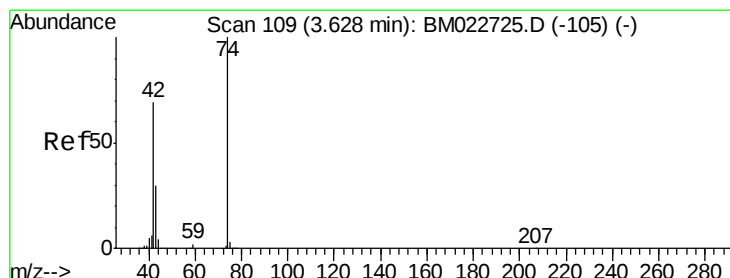
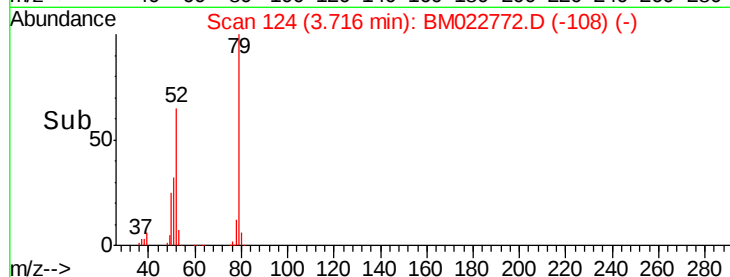
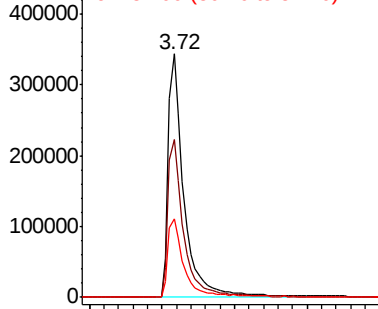
79 100

52 65.1 52.4 78.6

51 32.4 26.2 39.4



Abundance Ion 79.00 (78.70 to 79.70): BM0  
Ion 52.00 (51.70 to 52.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 42.087 ng

RT: 3.62 min Scan# 108

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

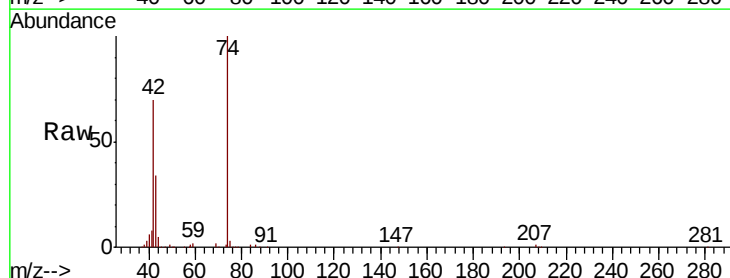
Tgt Ion: 42 Resp: 230195

Ion Ratio Lower Upper

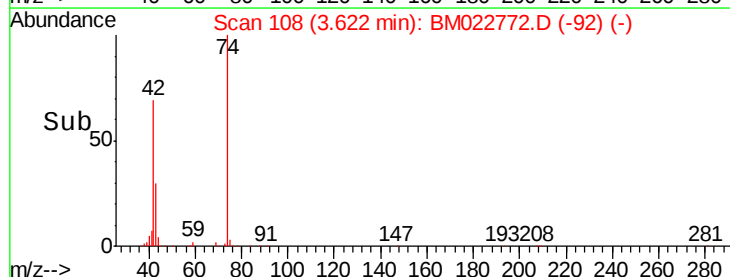
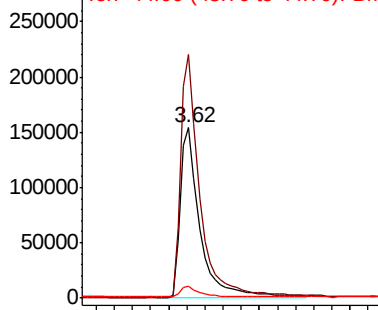
42 100

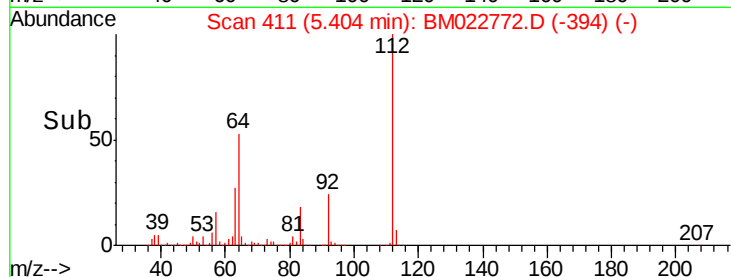
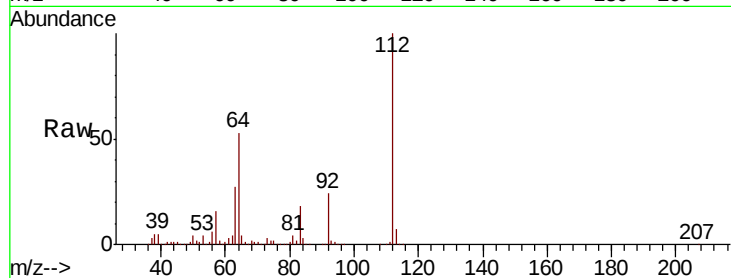
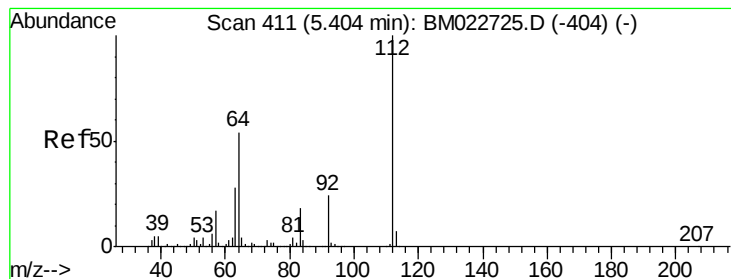
74 143.0 116.6 175.0

44 7.1 8.2 12.4#



Abundance Ion 42.00 (41.70 to 42.70): BM0  
Ion 74.00 (73.70 to 74.70): BM0  
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 107.945 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022772.D

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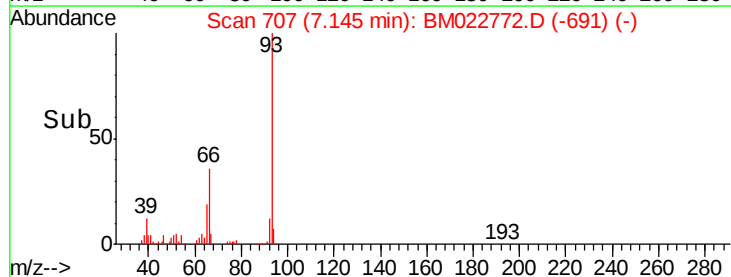
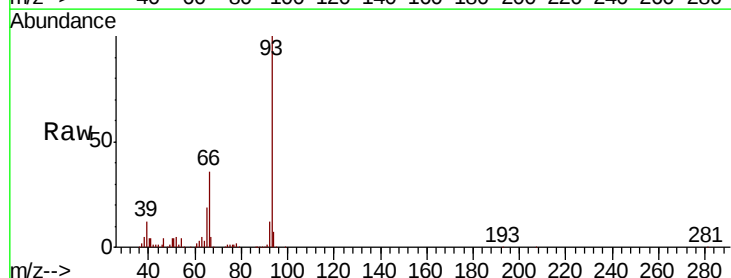
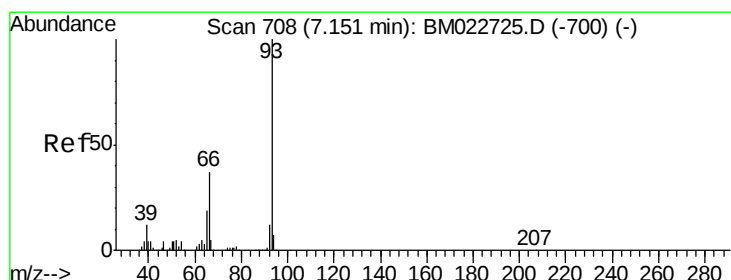
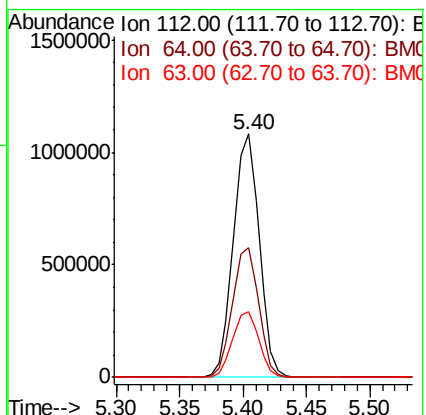
Tot Ion:112 Resp: 1529124

Ion Ratio Lower Upper

112 100

64 53.3 43.4 65.2

63 27.2 22.1 33.1



#6

Aniline

Concen: 36.647 ng

RT: 7.15 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

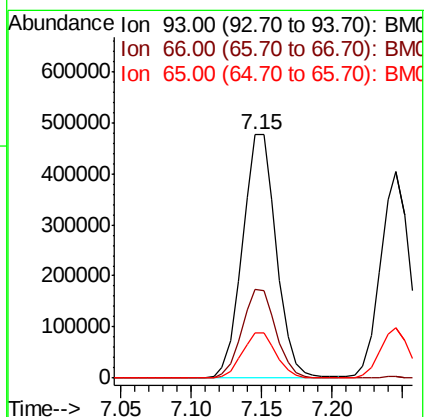
Tgt Ion: 93 Resp: 799496

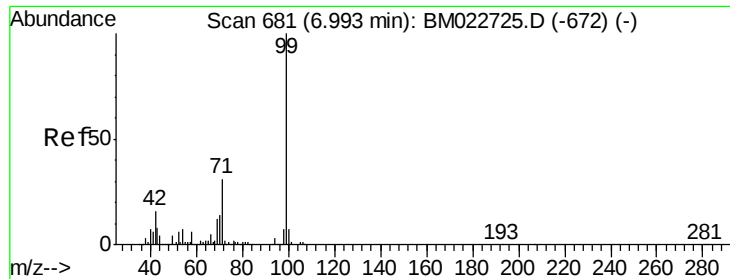
Ion Ratio Lower Upper

93 100

66 36.2 29.3 43.9

65 18.7 15.3 22.9





#7

Phenol-d6

Concen: 103.636 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

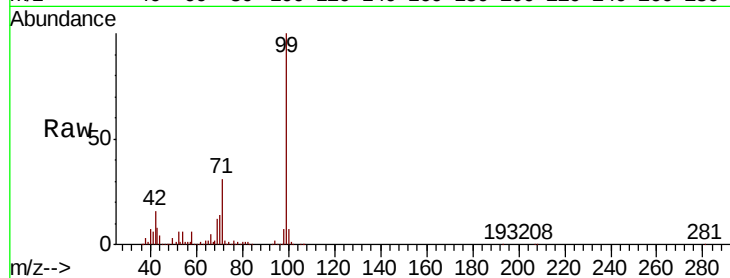
BNA\_M

ClientSampleId :

PB123298BSD

Tot Ion: 99 Resp: 1885587

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.2  | 13.0  | 19.4  |
| 71  | 31.1  | 24.7  | 37.1  |

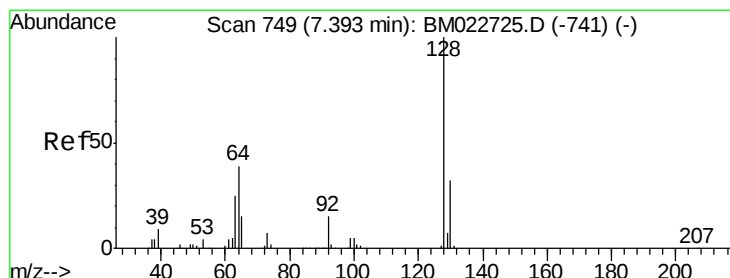
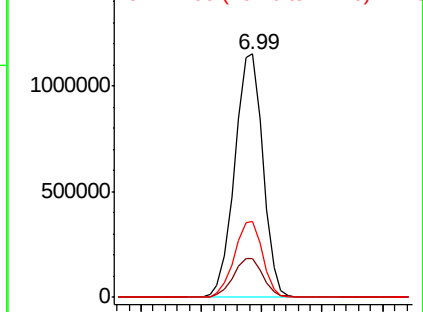
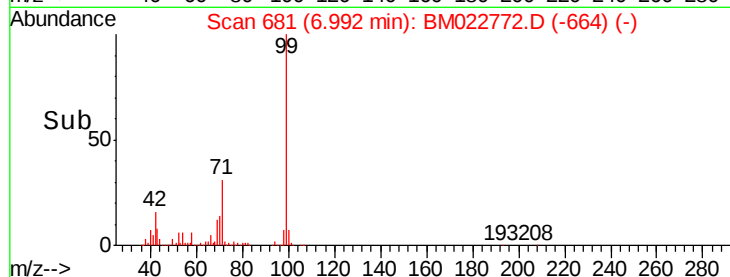


Abundance

Ion 99.00 (98.70 to 99.70): BM022772.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022772.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022772.D (-664) (-)



#8

2-Chlorophenol

Concen: 45.286 ng

RT: 7.39 min Scan# 748

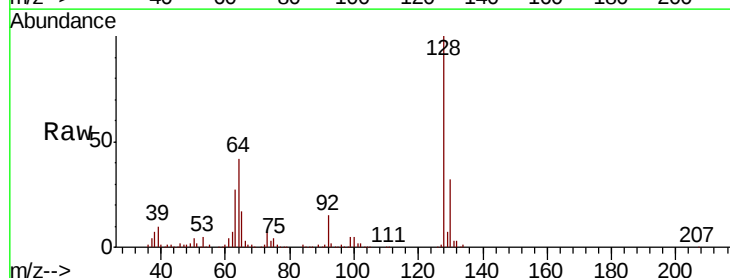
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion: 128 Resp: 653616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.1  | 12.1  | 52.1  |
| 64  | 42.3  | 22.9  | 62.9  |

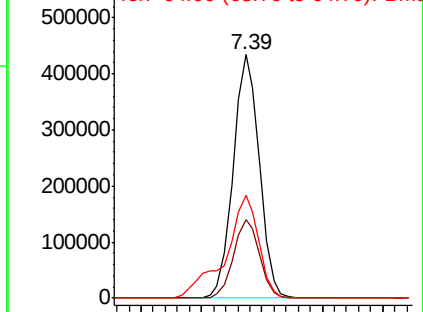
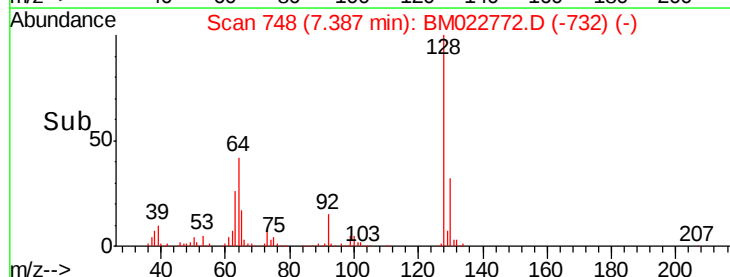


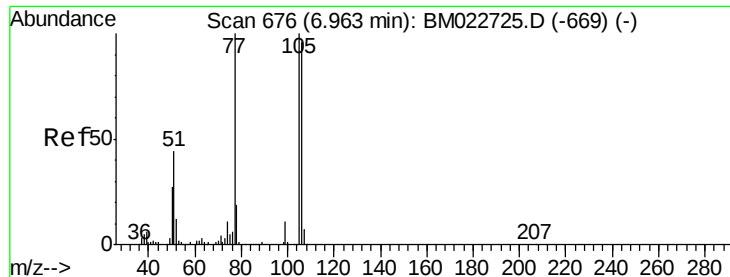
Abundance

Ion 128.00 (127.70 to 128.70): BM022772.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022772.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022772.D (-732) (-)





#9

Benzaldehyde

Concen: 32.289 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

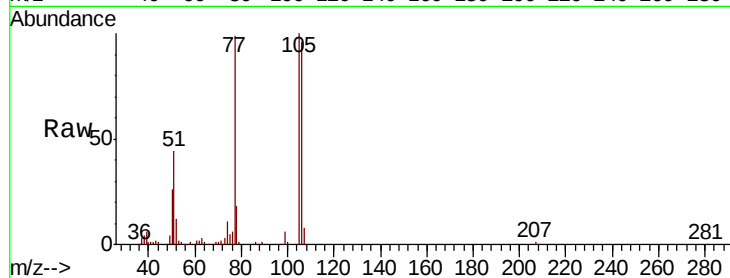
Tot Ion: 77 Resp: 334509

Ion Ratio Lower Upper

77 100

105 100.5 79.6 119.6

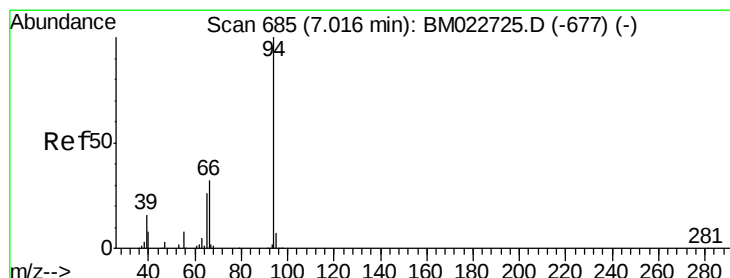
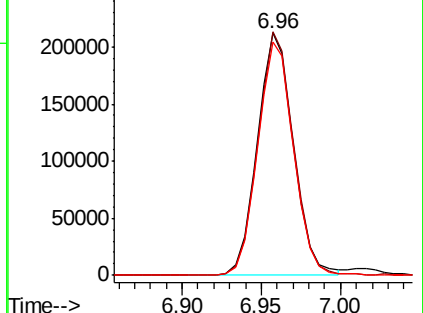
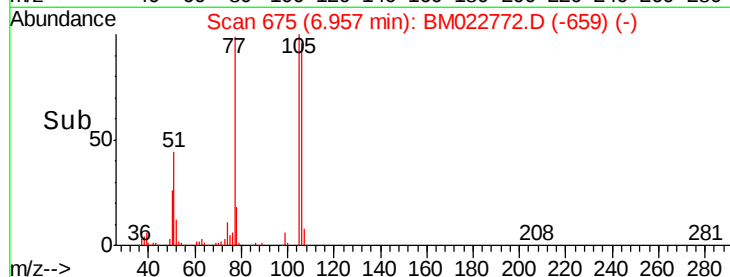
106 96.6 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BM022772.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM022772.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM022772.D (-659) (-)



#10

Phenol

Concen: 43.524 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

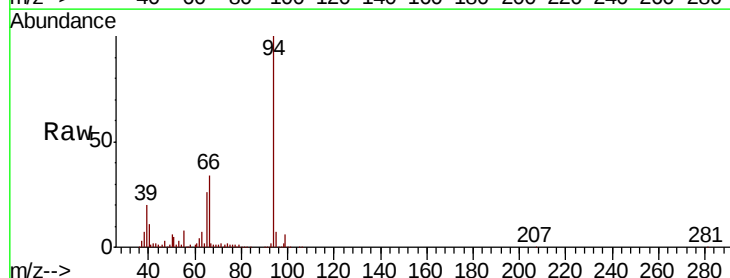
Tgt Ion: 94 Resp: 745530

Ion Ratio Lower Upper

94 100

65 26.3 6.7 46.7

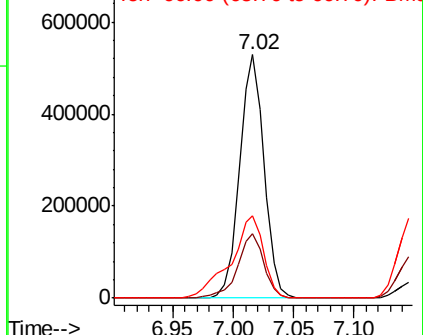
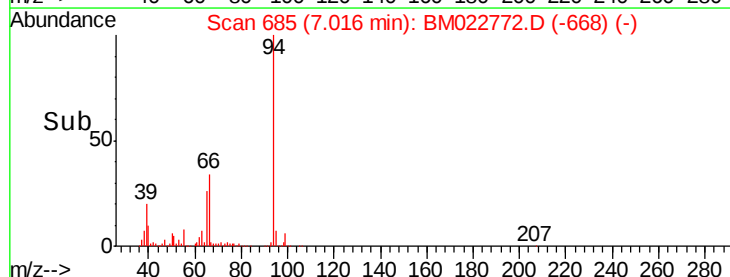
66 33.9 13.8 53.8

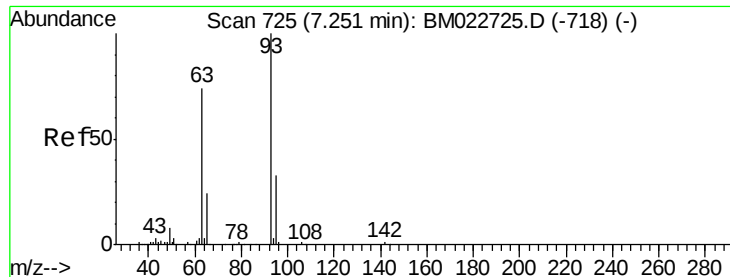


Abundance Ion 94.00 (93.70 to 94.70): BM022772.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM022772.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM022772.D (-668) (-)

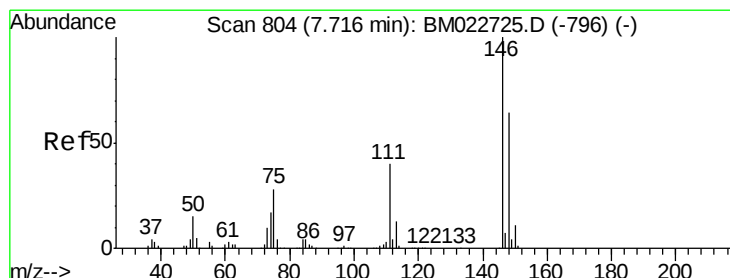
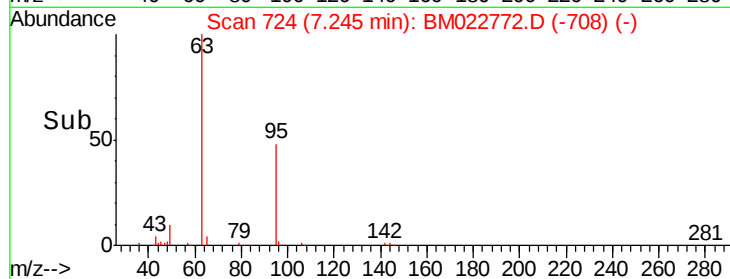
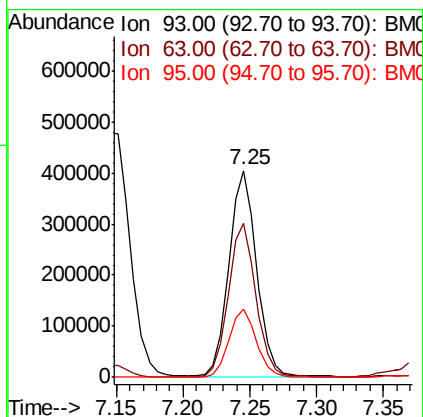
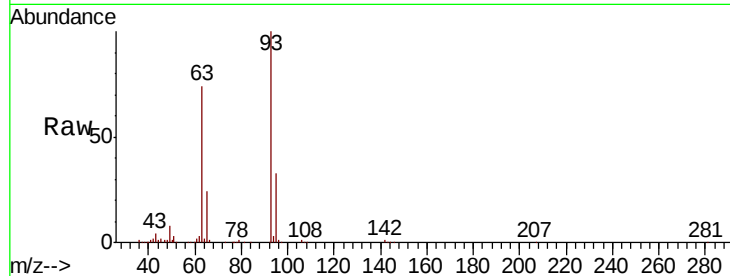




#11  
bis(2-Chloroethyl)ether  
Concen: 43.177 ng  
RT: 7.25 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

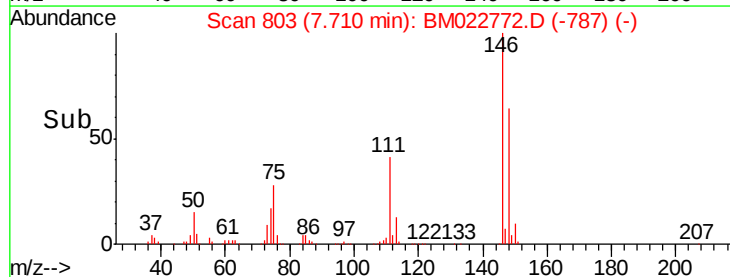
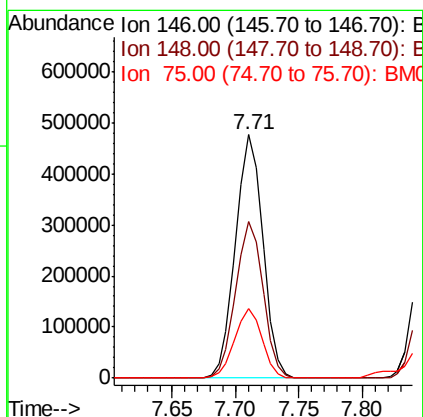
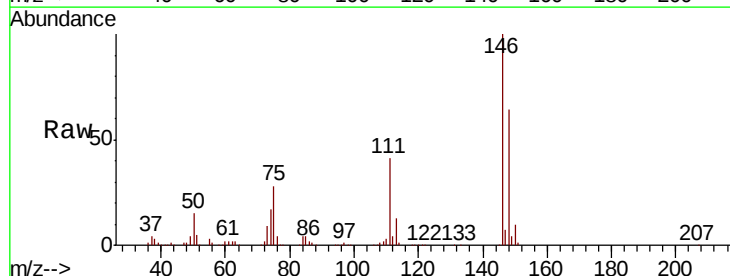
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

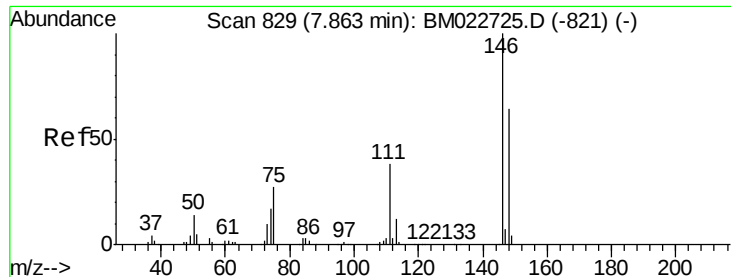
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.3  | 53.8  | 93.8  |
| 95      | 33.2  | 12.7  | 52.7  |



#12  
1,3-Dichlorobenzene  
Concen: 41.408 ng  
RT: 7.71 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.3  | 76.9  |
| 75      | 28.4  | 22.5  | 33.7  |

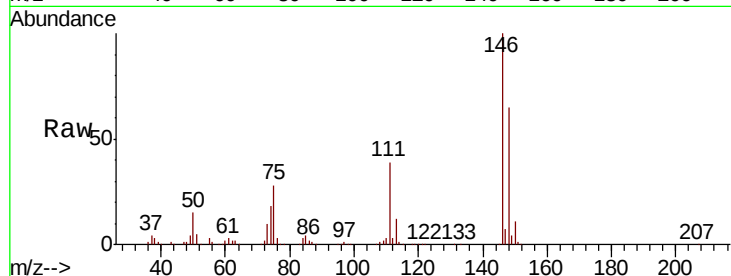




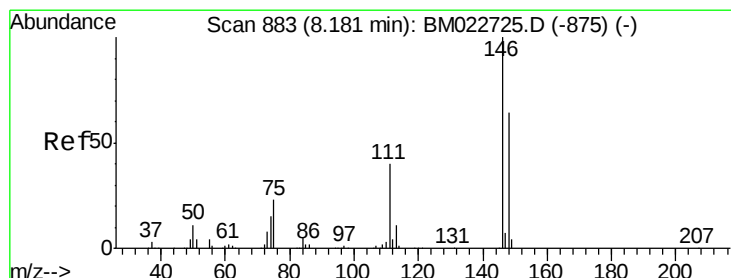
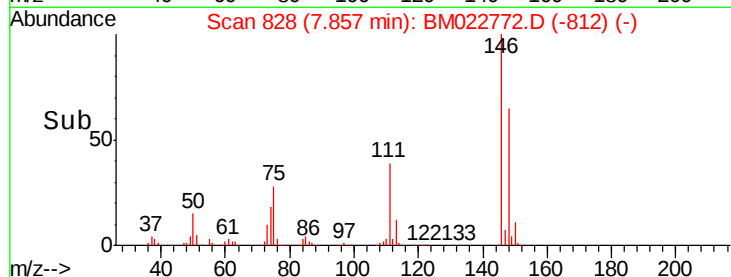
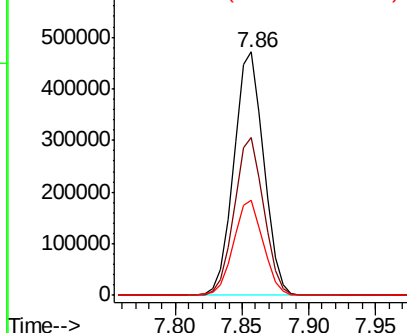
#13  
 1,4-Dichlorobenzene  
 Concen: 41.847 ng  
 RT: 7.86 min Scan# 828  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

Tot Ion:146 Resp: 730793  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 51.4 77.0  
 111 39.0 30.9 46.3

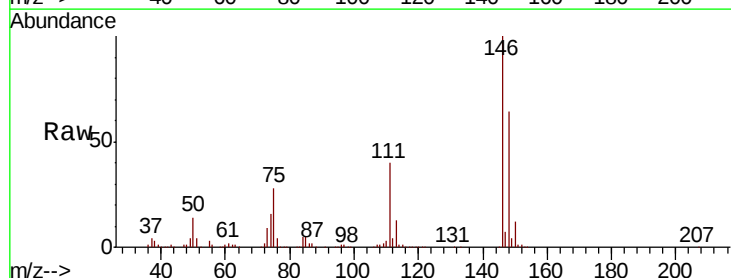


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

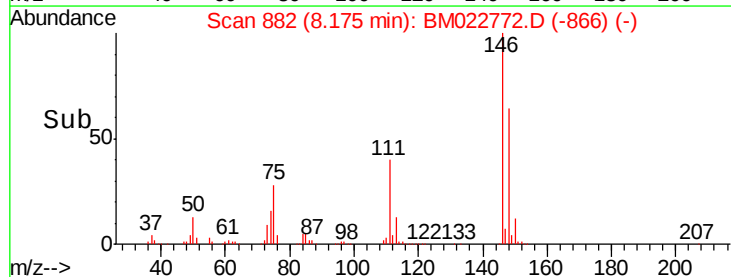
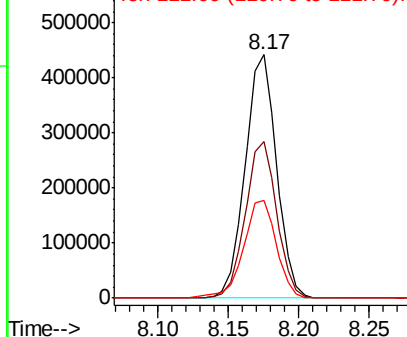


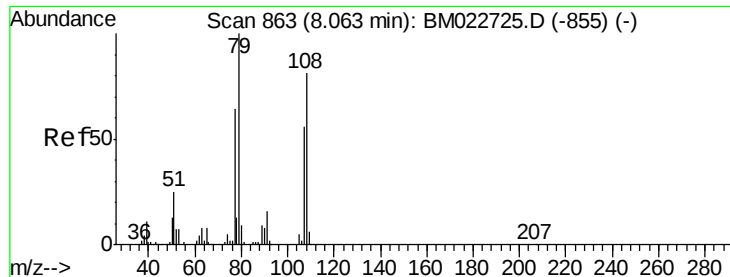
#14  
 1,2-Dichlorobenzene  
 Concen: 41.355 ng  
 RT: 8.17 min Scan# 882  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Tgt Ion:146 Resp: 688541  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 51.3 76.9  
 111 40.4 32.3 48.5



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.587 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

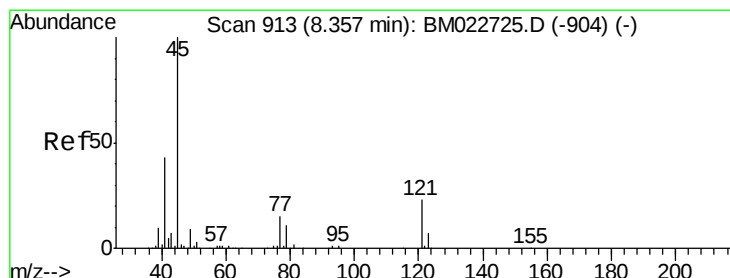
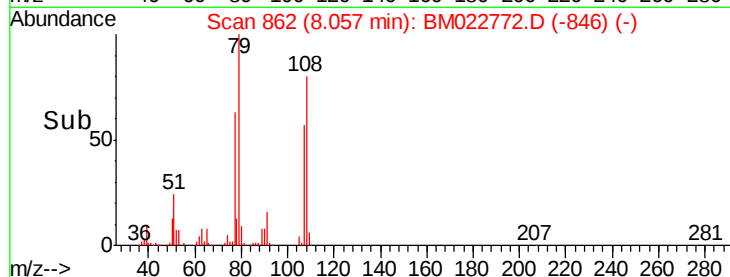
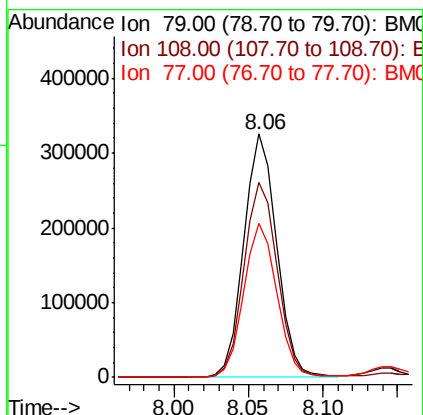
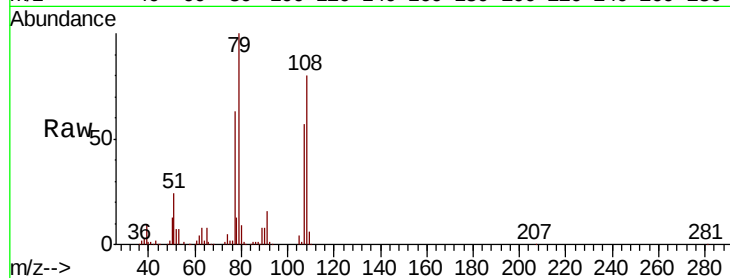
Tot Ion: 79 Resp: 496233

Ion Ratio Lower Upper

79 100

108 80.3 64.9 97.3

77 63.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.626 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

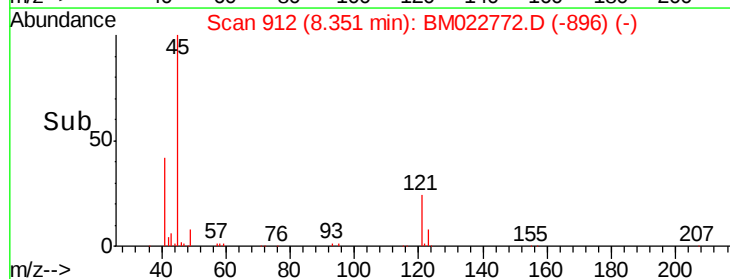
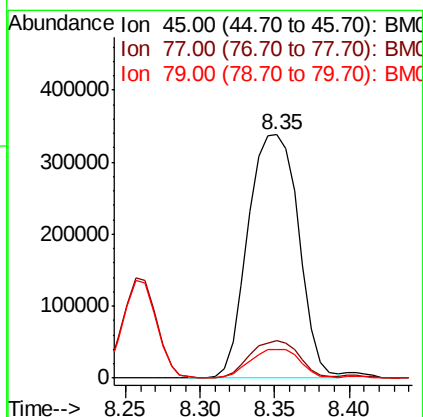
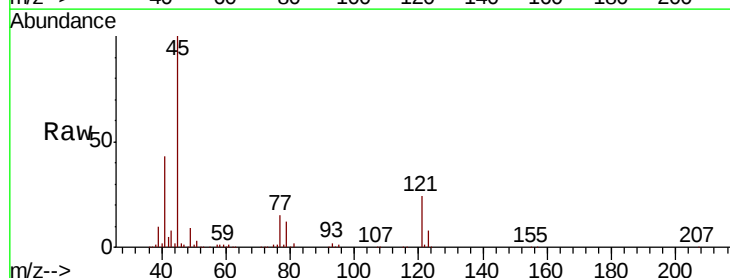
Tgt Ion: 45 Resp: 794203

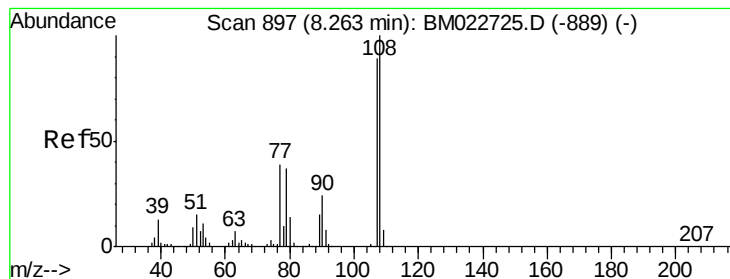
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.1

79 11.6 0.0 31.4

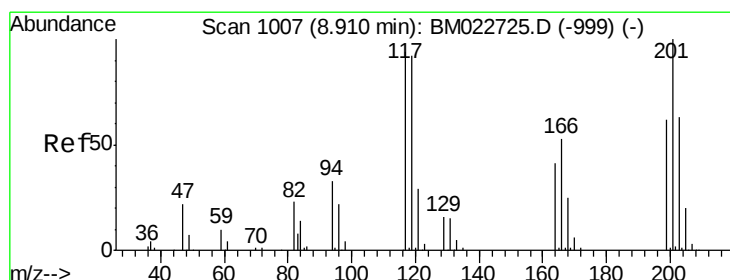
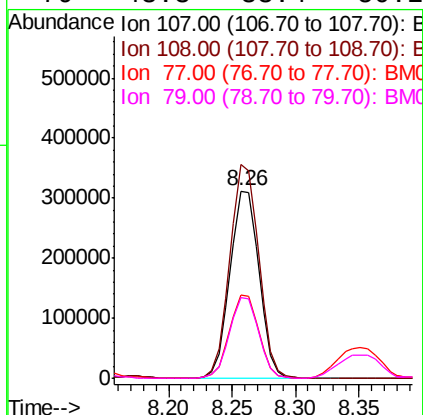
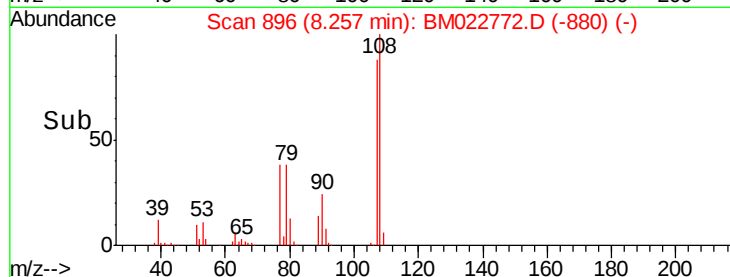
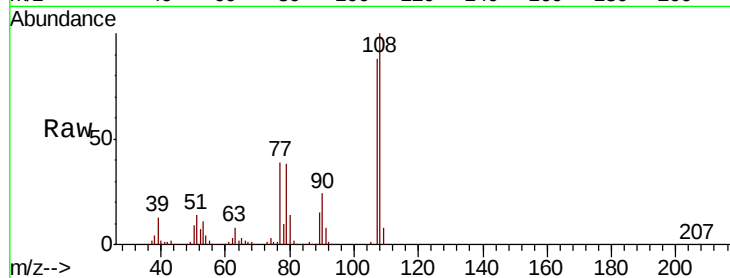




#17  
2-Methylphenol  
Concen: 43.770 ng  
RT: 8.26 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

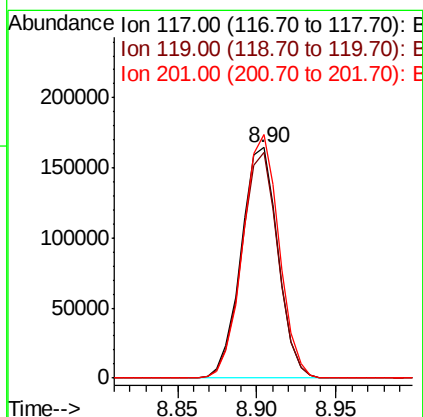
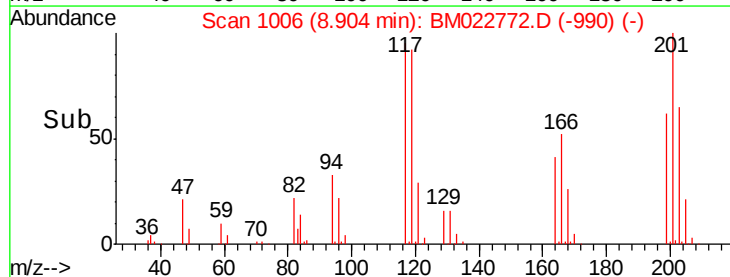
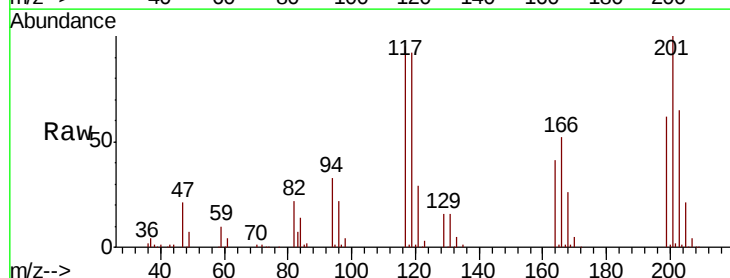
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

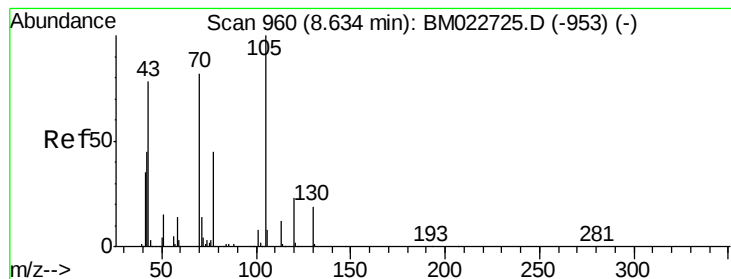
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.9 | 90.0  | 135.0 |
| 77      | 44.3  | 35.2  | 52.8  |
| 79      | 43.3  | 33.4  | 50.2  |



#18  
Hexachloroethane  
Concen: 41.449 ng  
RT: 8.90 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.8  | 78.0  | 117.0 |
| 201     | 105.8 | 85.0  | 127.6 |





#19

n-Nitroso-di-n-propylamine

Concen: 42.032 ng

RT: 8.63 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

Tot Ion: 70 Resp: 427053

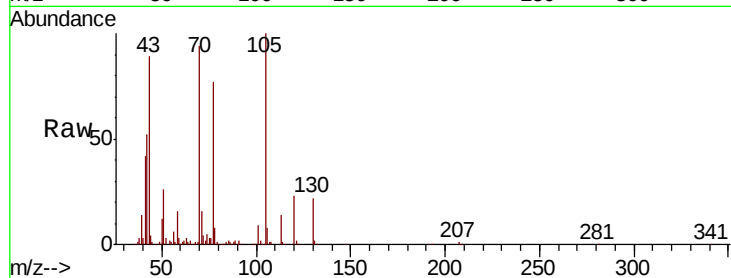
Ion Ratio Lower Upper

70 100

42 54.7 44.4 66.6

101 10.0 7.8 11.6

130 23.4 18.2 27.4



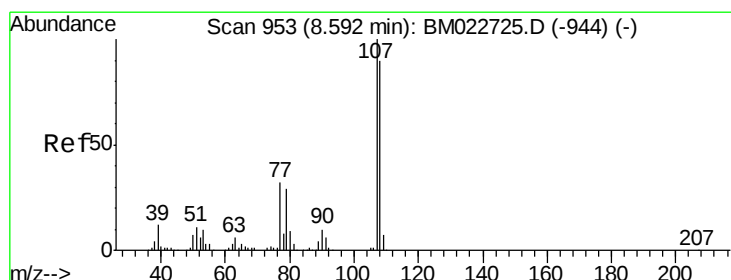
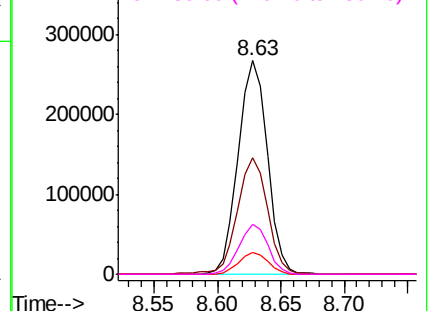
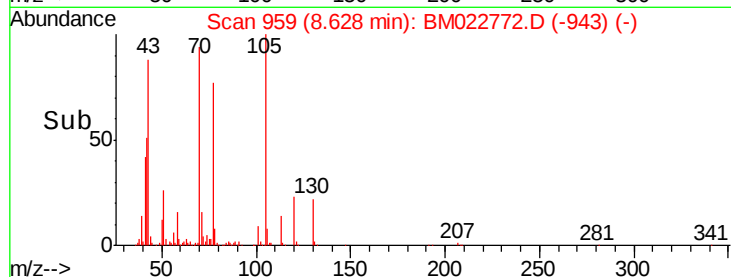
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.752 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:107 Resp: 660709

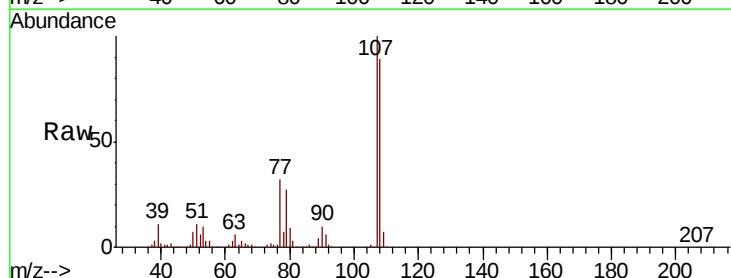
Ion Ratio Lower Upper

107 100

108 88.5 70.1 110.1

77 31.7 12.1 52.1

79 26.8 8.5 48.5



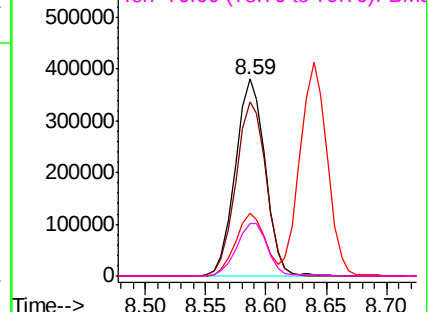
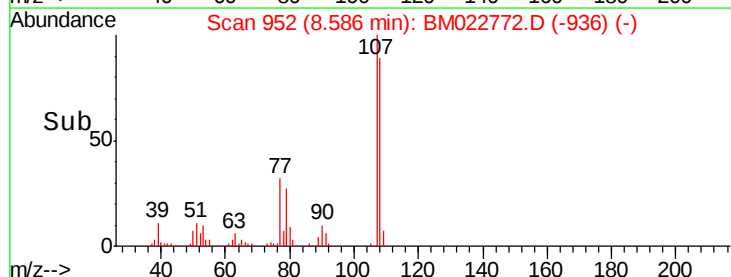
Abundance

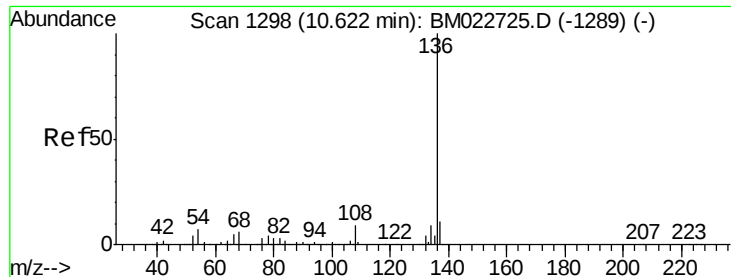
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

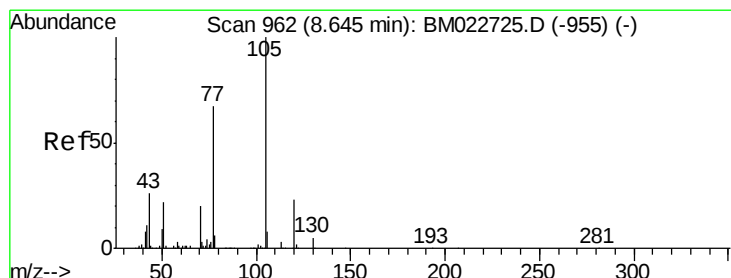
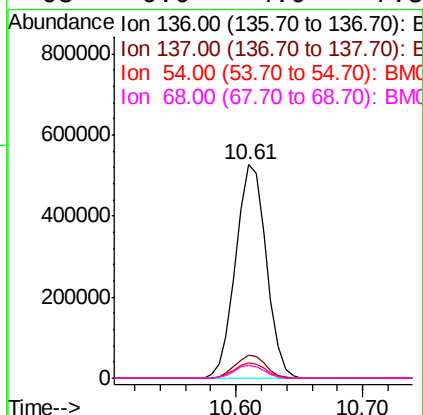
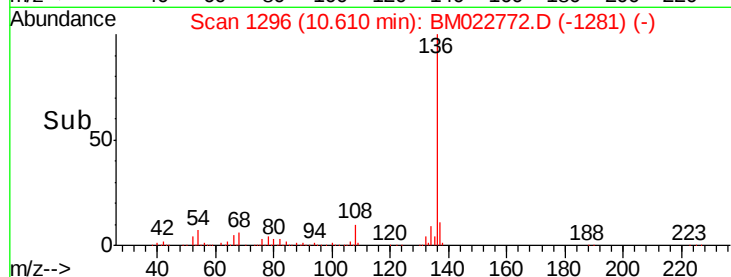
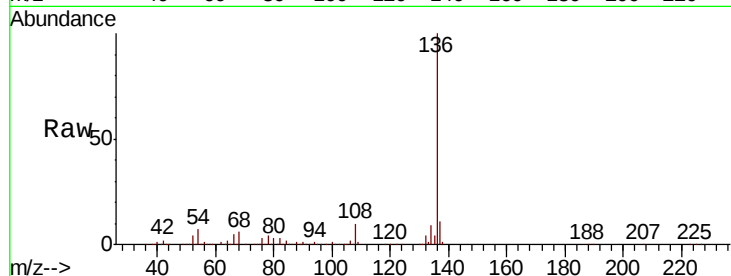




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.61 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

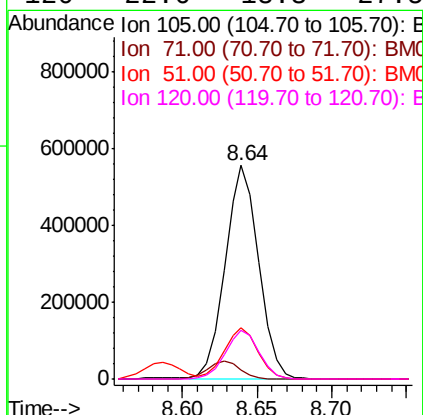
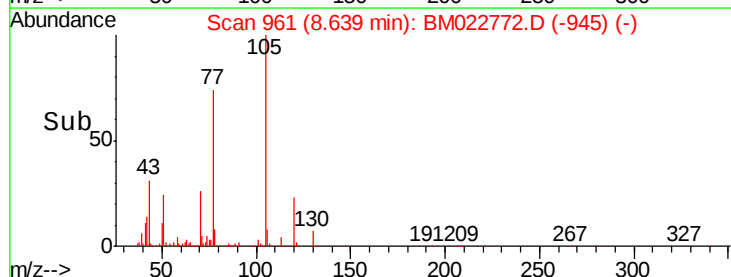
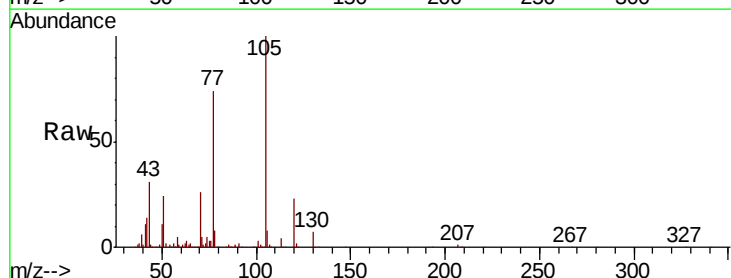
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

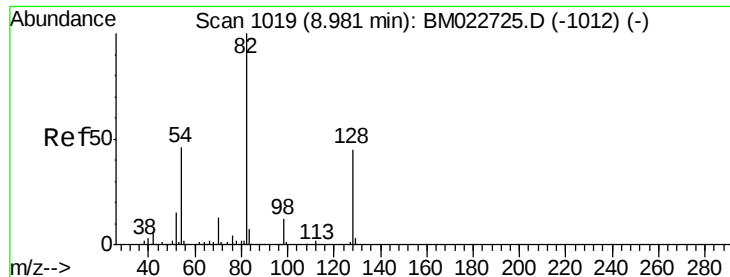
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 881015   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 8.6 13.0 |
| 54          | 7.3   | 6.0 9.0  |
| 68          | 6.0   | 4.9 7.3  |



#22  
Acetophenone  
Concen: 39.826 ng  
RT: 8.64 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 866095    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 4.5   | 2.7 4.1#  |
| 51          | 24.3  | 19.9 29.9 |
| 120         | 22.6  | 18.3 27.5 |

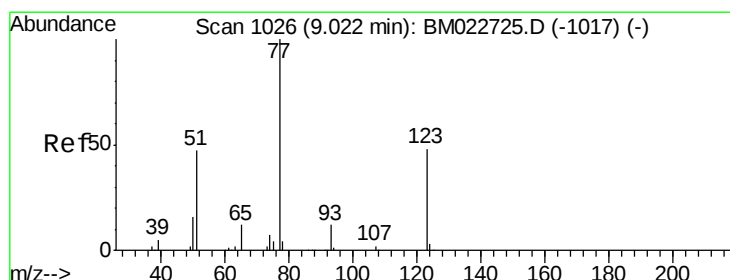
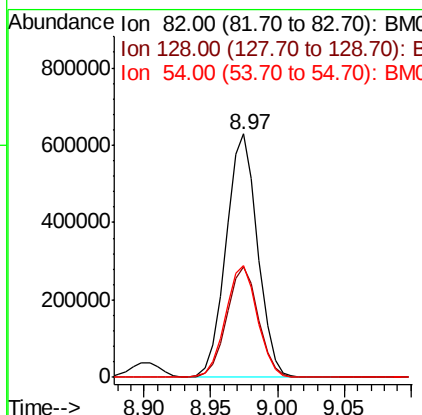
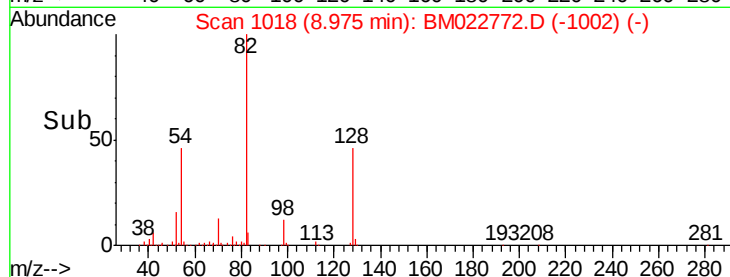
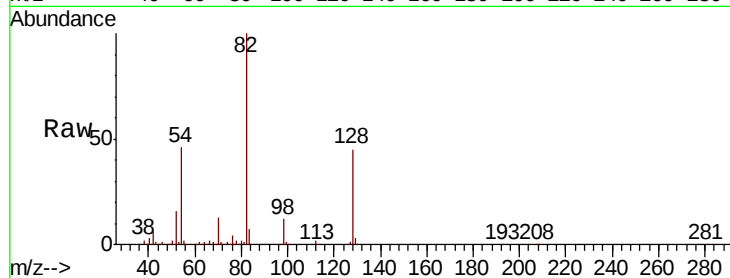




#23  
Nitrobenzene-d5  
Concen: 65.148 ng  
RT: 8.97 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

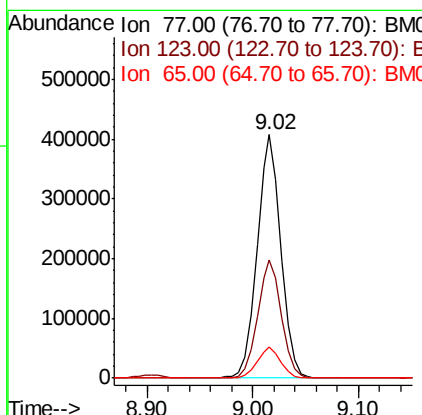
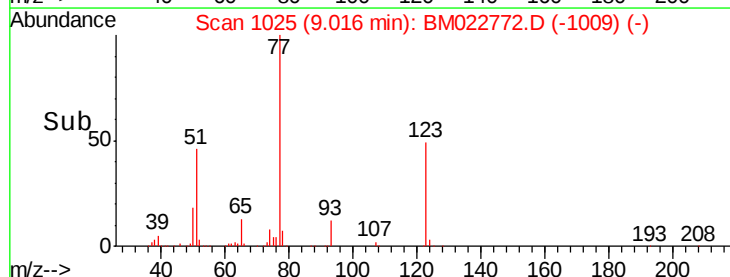
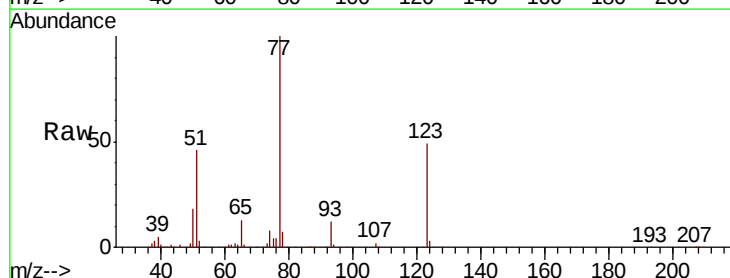
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

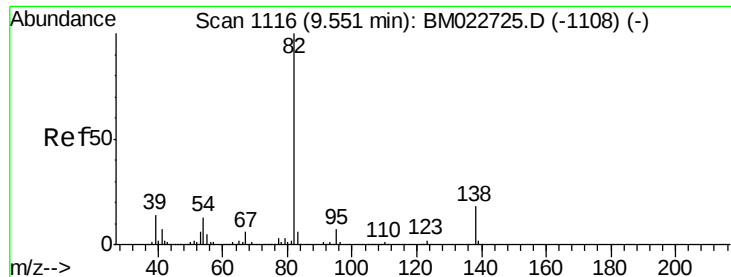
Tot Ion: 82 Resp: 1033979  
Ion Ratio Lower Upper  
82 100  
128 45.2 36.0 54.0  
54 45.9 37.1 55.7



#24  
Nitrobenzene  
Concen: 41.833 ng  
RT: 9.02 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion: 77 Resp: 635253  
Ion Ratio Lower Upper  
77 100  
123 48.7 38.0 57.0  
65 12.9 10.0 15.0

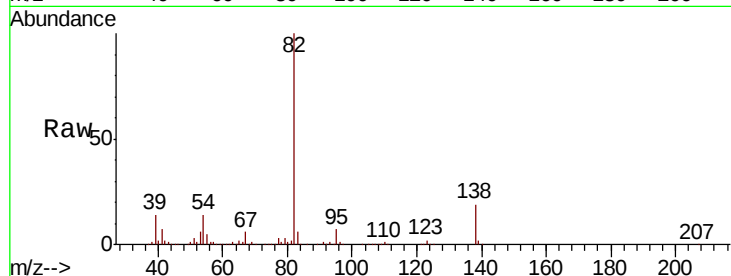




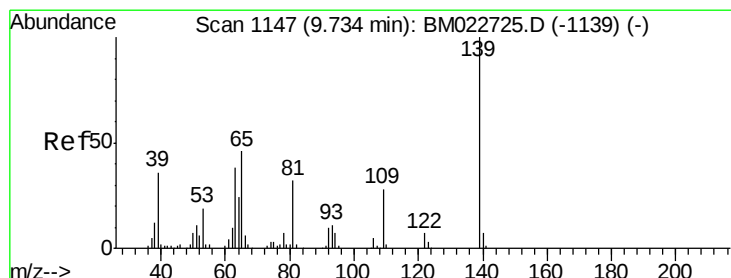
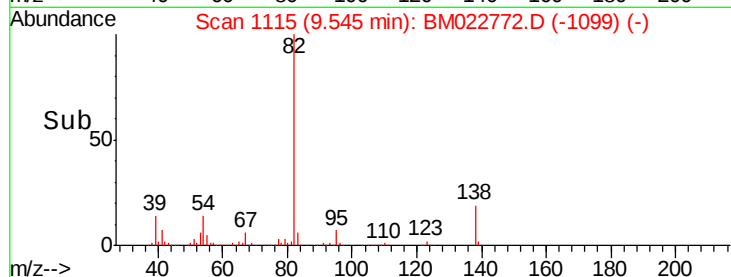
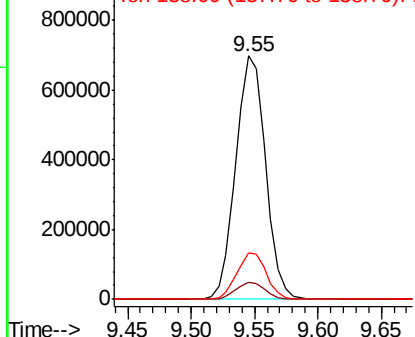
#25  
Isophorone  
Concen: 43.491 ng  
RT: 9.55 min Scan# 1115  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

Tot Ion: 82 Resp: 1134957  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.4 8.0  
138 19.1 14.7 22.1

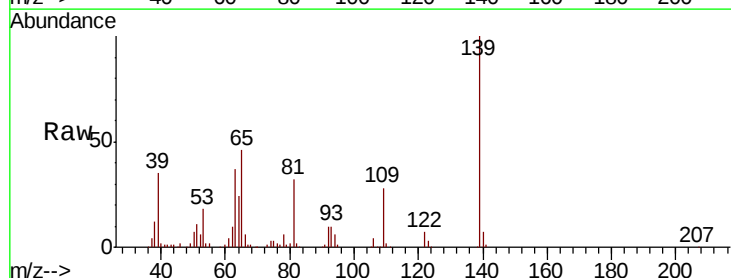


Abundance Ion 82.00 (81.70 to 82.70): BM0  
Ion 95.00 (94.70 to 95.70): BM0  
Ion 138.00 (137.70 to 138.70): E

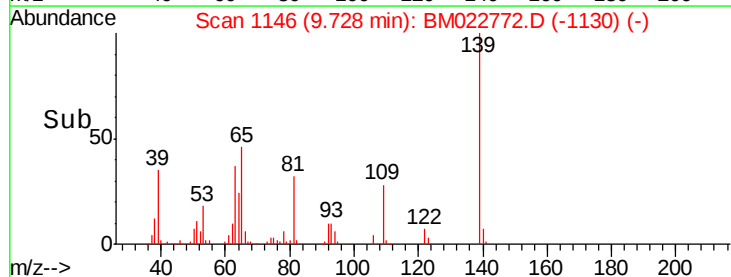
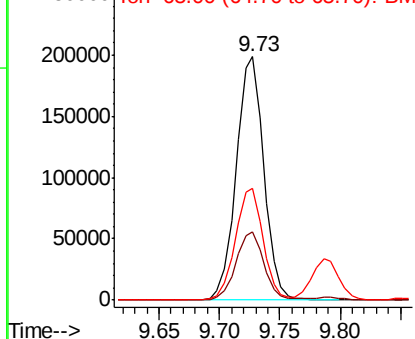


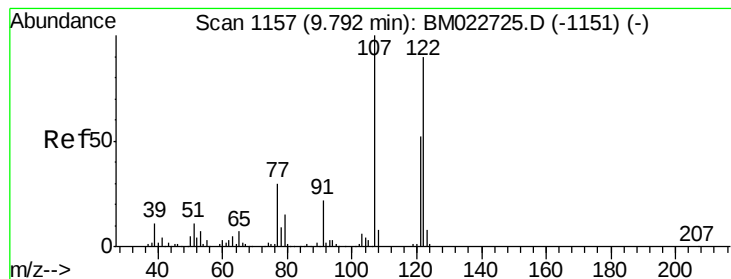
#26  
2-Nitrophenol  
Concen: 48.237 ng  
RT: 9.73 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion: 139 Resp: 316222  
Ion Ratio Lower Upper  
139 100  
109 27.9 22.6 33.8  
65 45.8 37.0 55.4



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): BM0

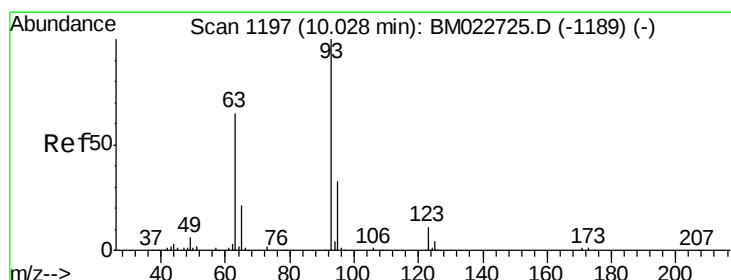
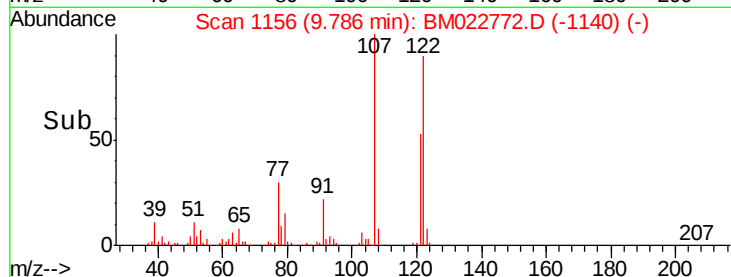
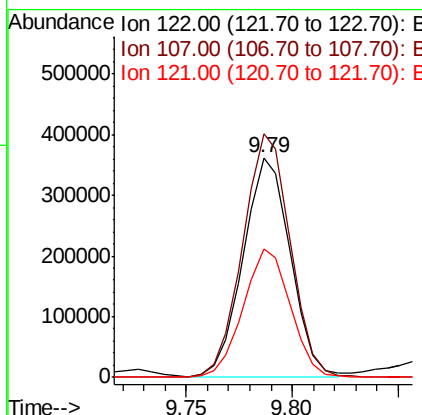
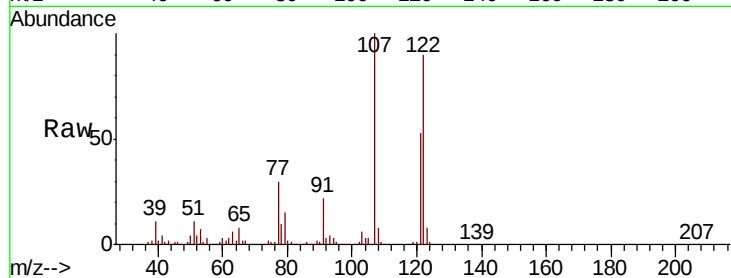




#27  
 2,4-Dimethylphenol  
 Concen: 50.927 ng  
 RT: 9.79 min Scan# 1156  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

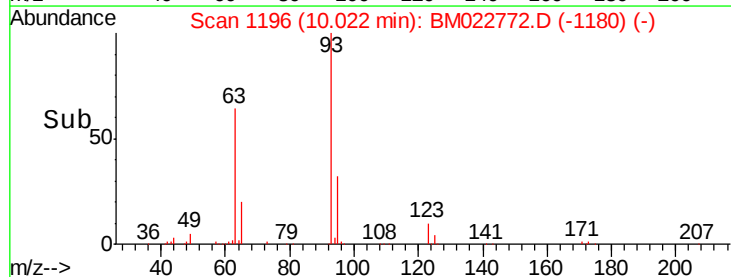
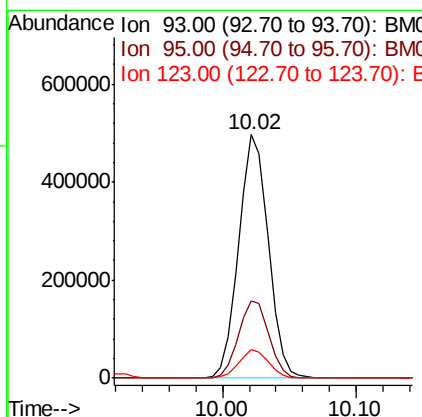
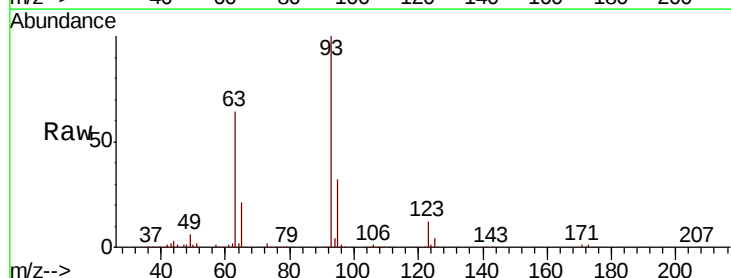
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

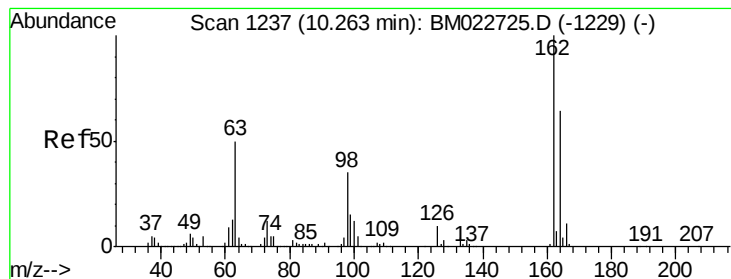
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.9 | 88.9  | 133.3 |
| 121     | 58.4  | 46.5  | 69.7  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.340 ng  
 RT: 10.02 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.0  | 26.0  | 39.0  |
| 123     | 11.6  | 9.0   | 13.6  |





#29

2,4-Dichlorophenol

Concen: 46.319 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

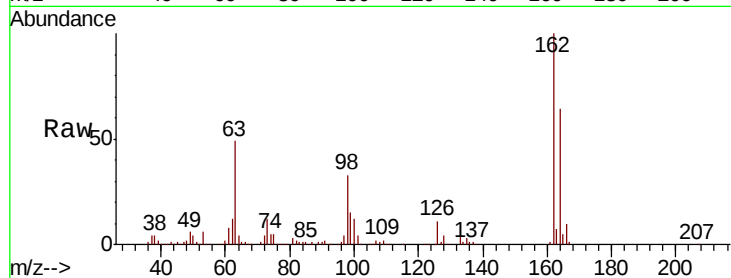
Tot Ion:162 Resp: 574723

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

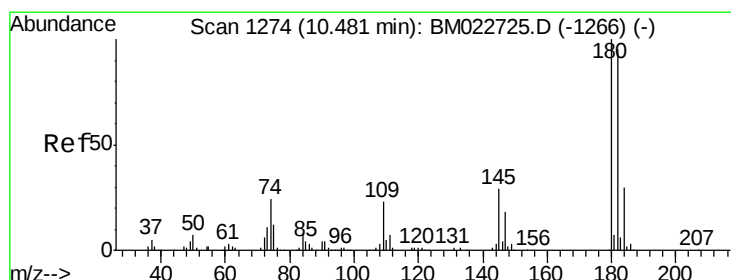
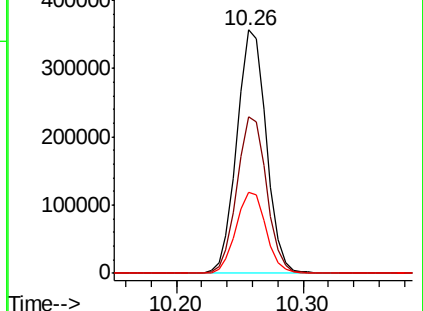
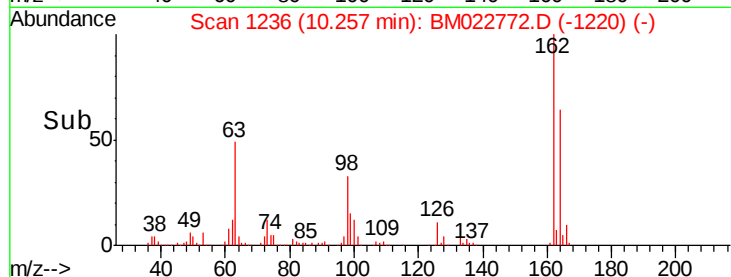
98 33.4 14.8 54.8



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): B



#30

1,2,4-Trichlorobenzene

Concen: 42.035 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

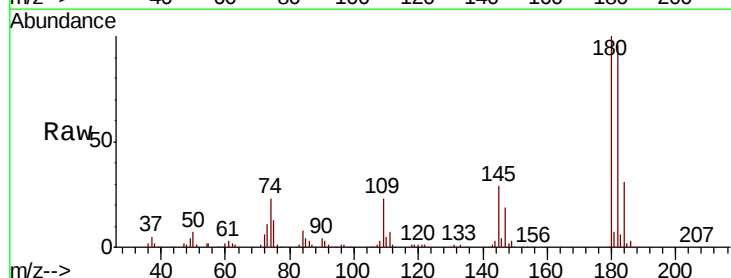
Tgt Ion:180 Resp: 641702

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

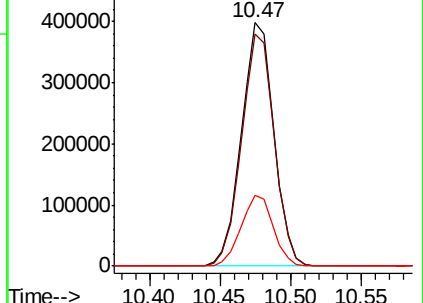
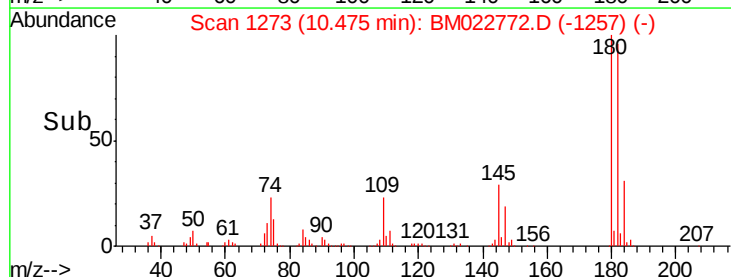
145 29.2 23.0 34.4

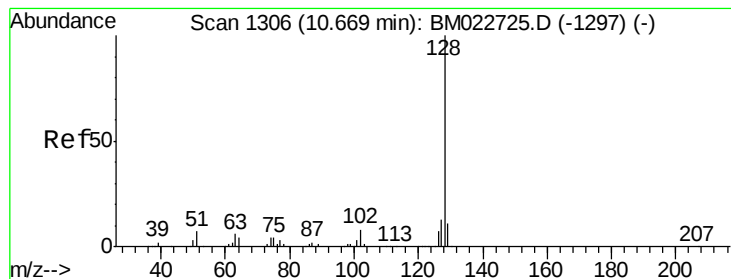


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

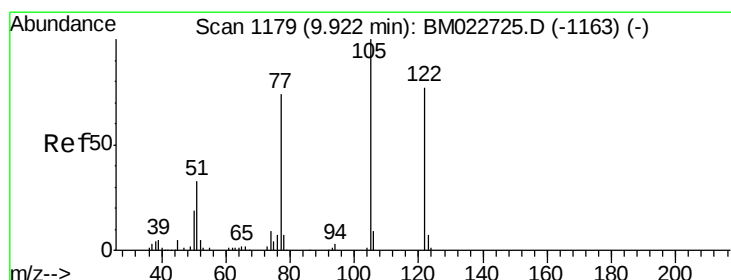
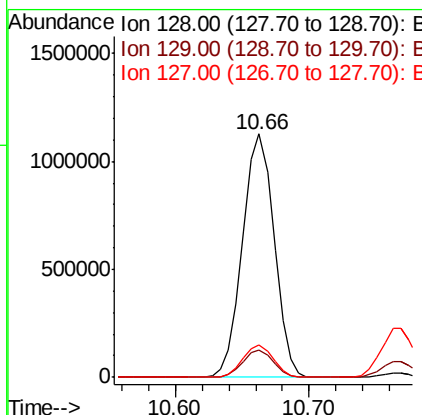
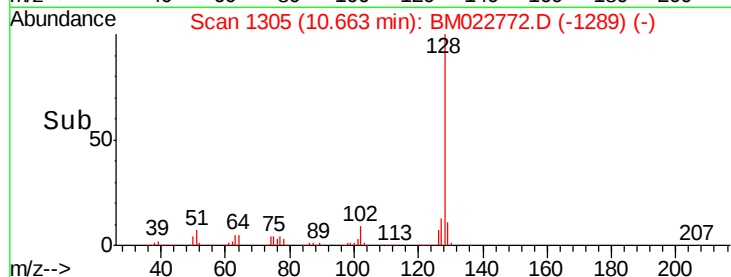
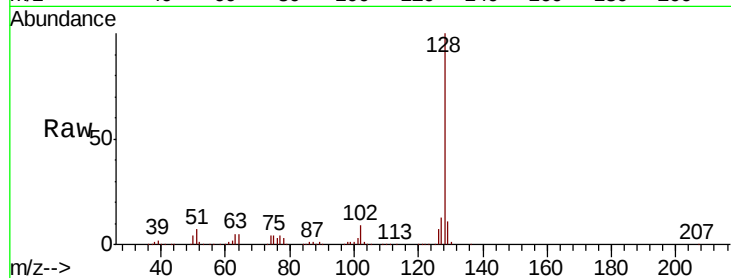




#31  
Naphthalene  
Concen: 42.576 ng  
RT: 10.66 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

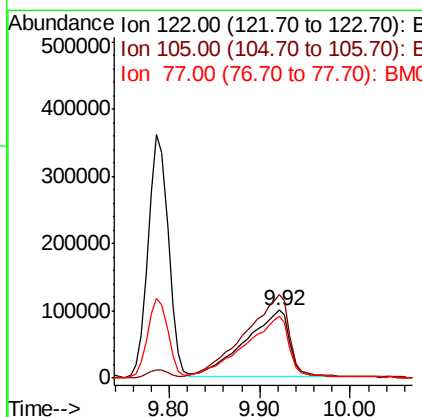
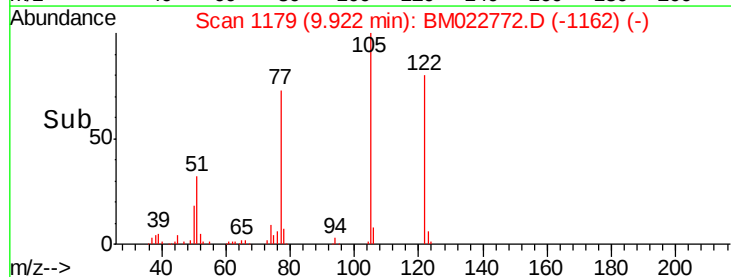
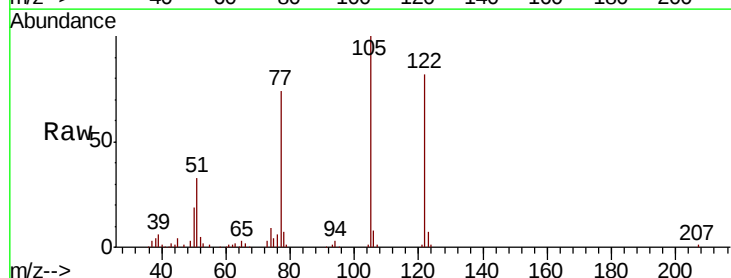
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

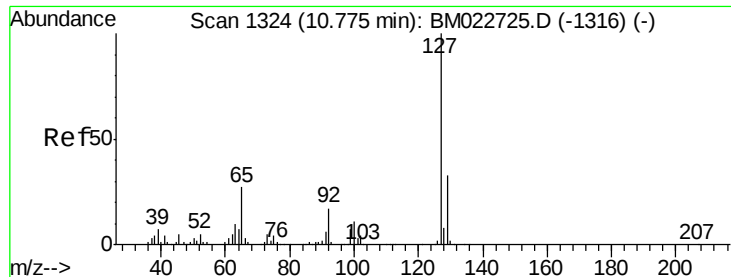
Tot Ion:128 Resp: 1853364  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 44.697 ng  
RT: 9.92 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion:122 Resp: 334733  
Ion Ratio Lower Upper  
122 100  
105 122.0 105.3 145.3  
77 90.5 74.7 114.7

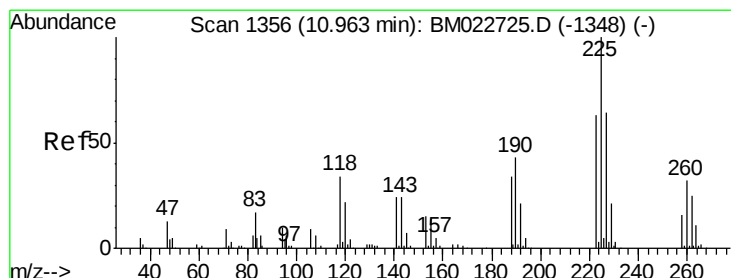
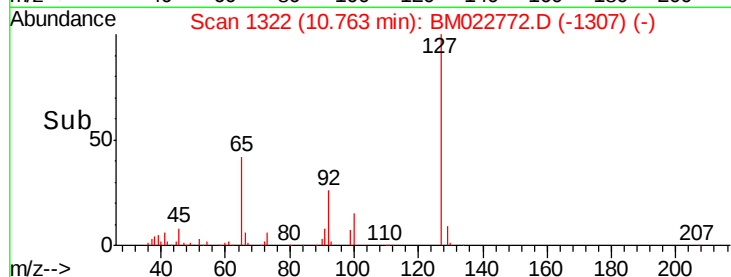
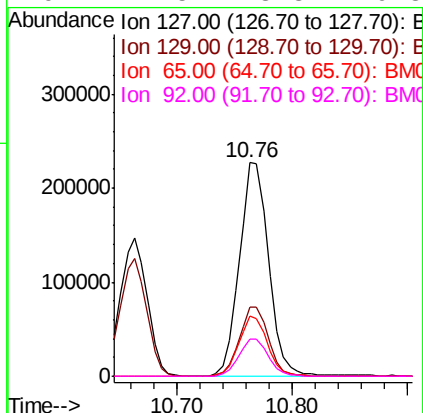
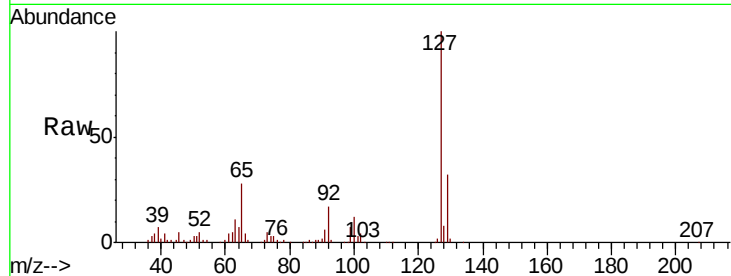




#33  
4-Chloroaniline  
Concen: 21.041 ng  
RT: 10.76 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

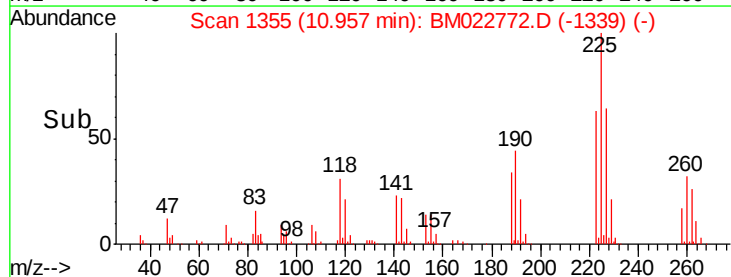
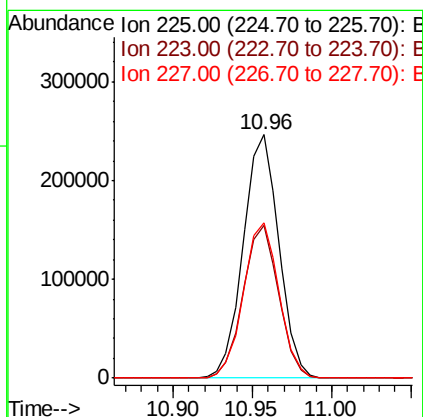
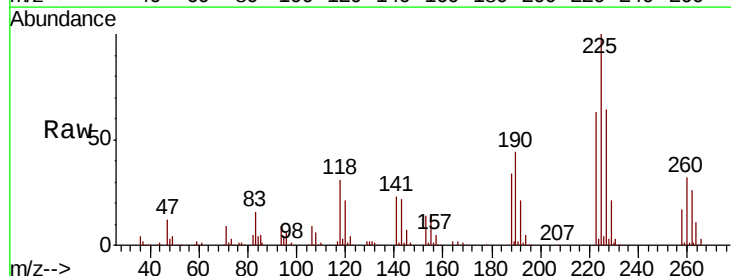
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

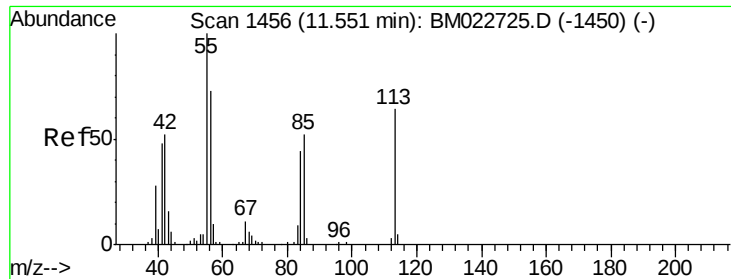
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 397683    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.4  | 26.1 39.1 |
| 65          | 27.9  | 22.0 33.0 |
| 92          | 17.5  | 13.8 20.8 |



#34  
Hexachlorobutadiene  
Concen: 42.269 ng  
RT: 10.96 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 384654    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.7  | 50.2 75.4 |
| 227         | 63.7  | 51.0 76.4 |





#35

Caprolactam

Concen: 19.471 ng

RT: 11.55 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

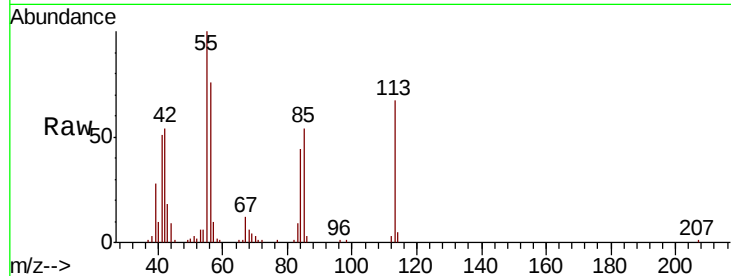
Tot Ion:113 Resp: 71623

Ion Ratio Lower Upper

113 100

55 150.3 136.8 176.8

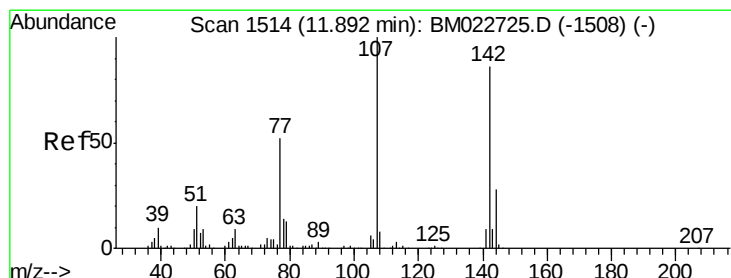
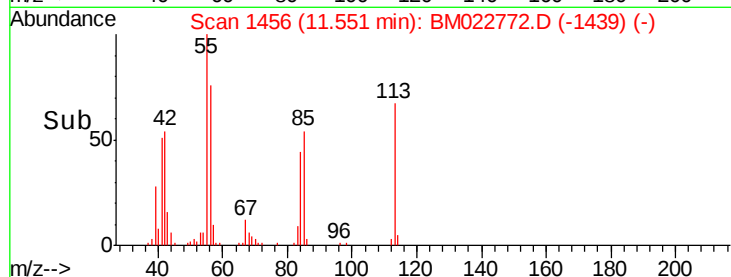
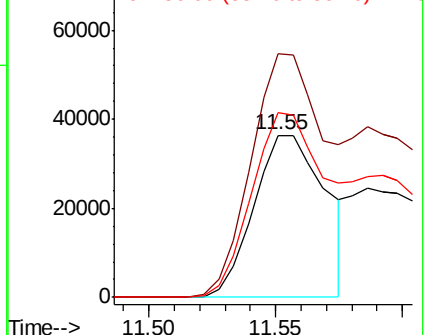
56 113.9 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 44.715 ng

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

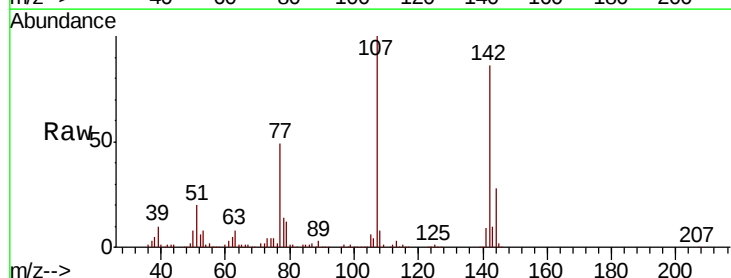
Tgt Ion:107 Resp: 541303

Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

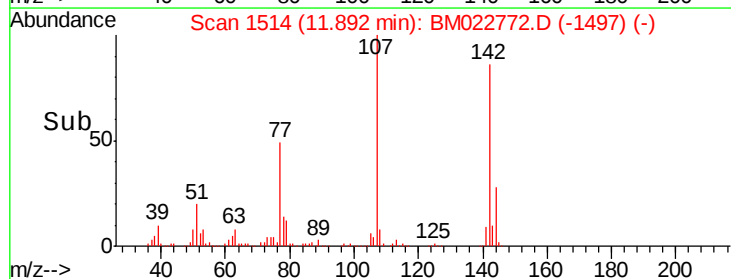
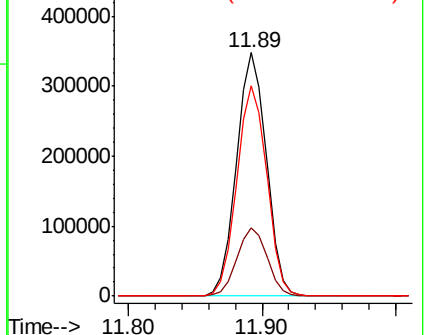
142 86.2 68.2 102.4

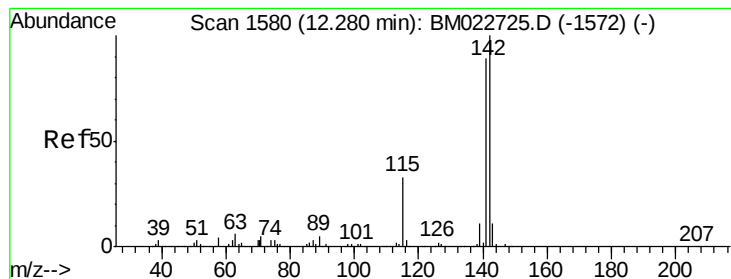


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.607 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

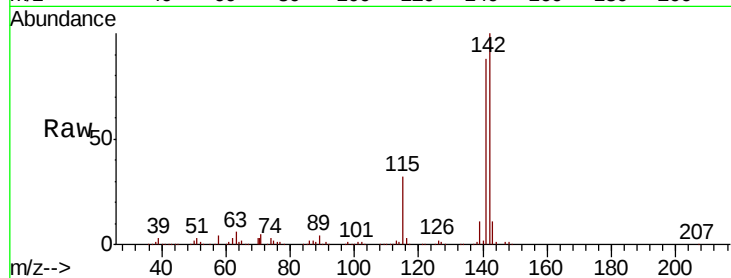
Tot Ion:142 Resp: 1321346

Ion Ratio Lower Upper

142 100

141 87.7 71.5 107.3

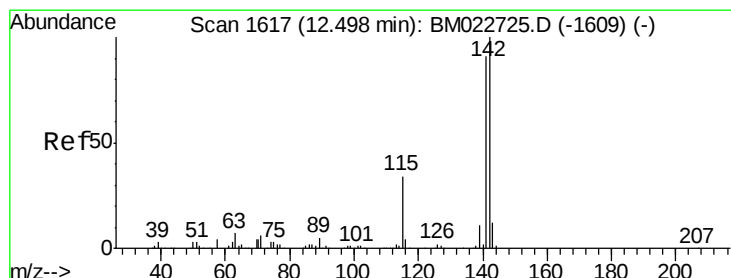
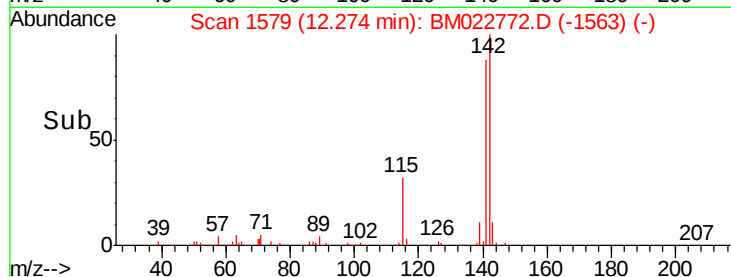
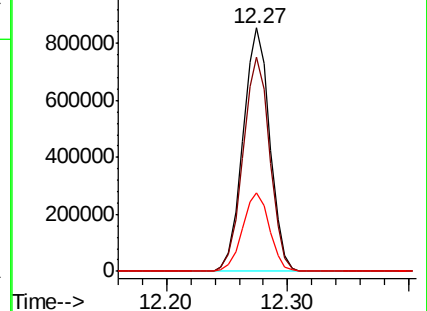
115 32.2 26.1 39.1



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

1-Methylnaphthalene

Concen: 42.729 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

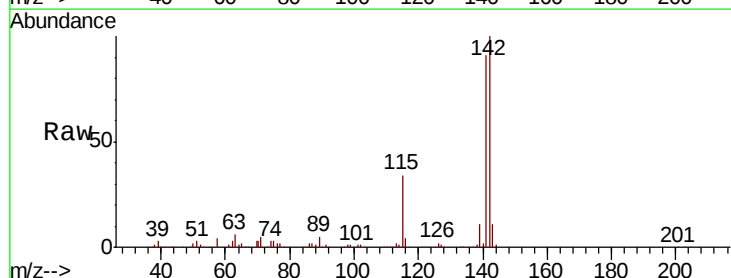
Tgt Ion:142 Resp: 1229011

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.4

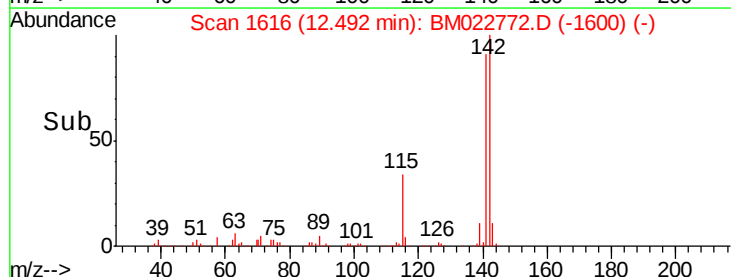
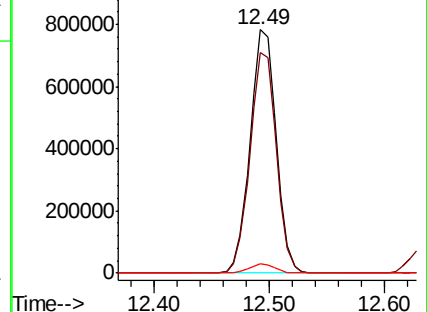
116 3.6 2.9 4.3

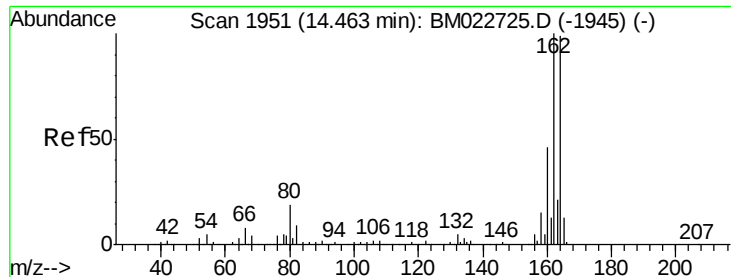


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

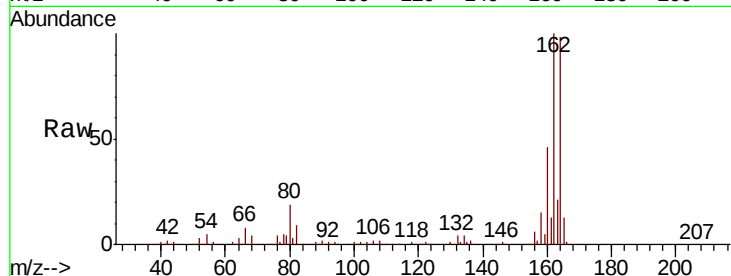
Tot Ion:164 Resp: 483512

Ion Ratio Lower Upper

164 100

162 101.8 81.1 121.7

160 46.5 36.9 55.3

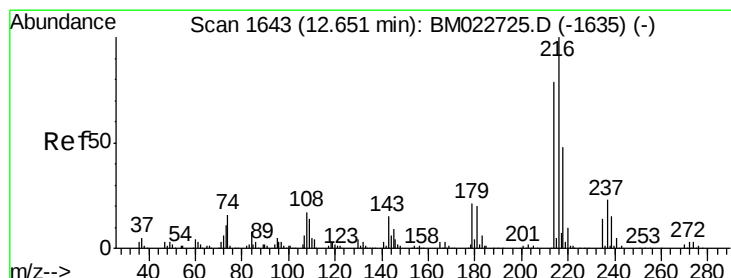
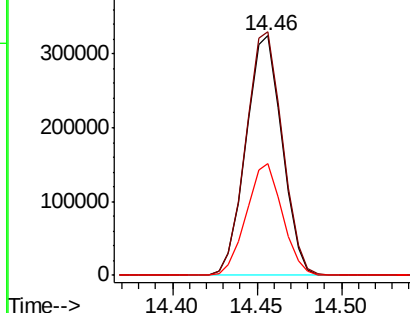
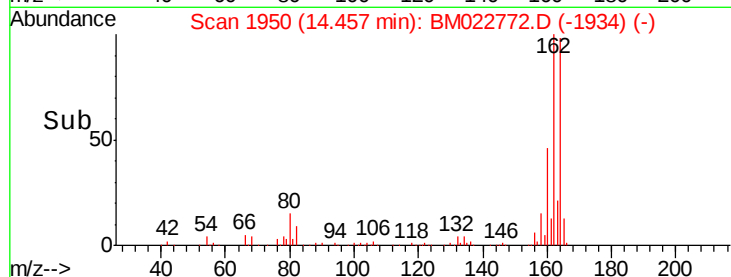


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.825 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:216 Resp: 701612

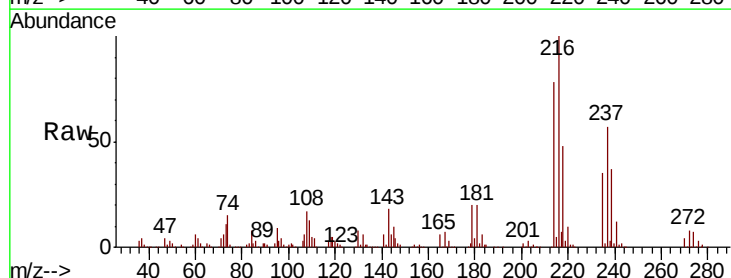
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 20.4 16.6 24.8

108 19.5 14.2 21.4



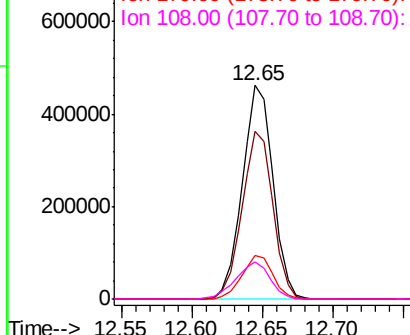
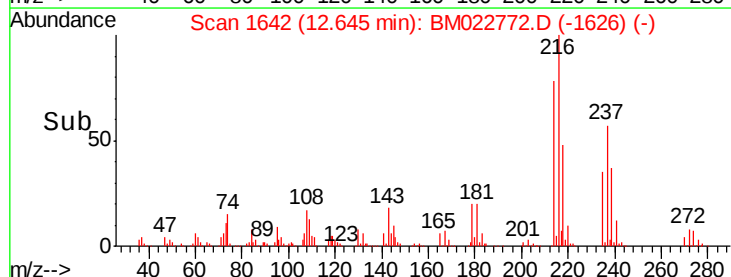
Abundance

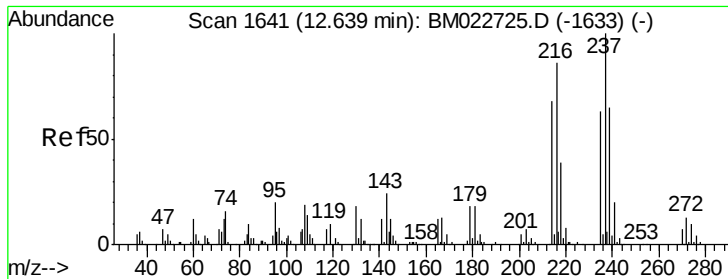
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 104.097 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

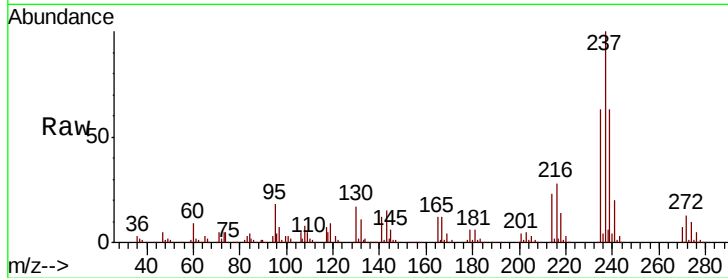
Tot Ion:237 Resp: 930517

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

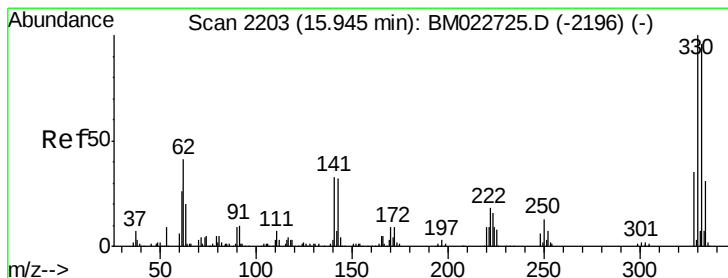
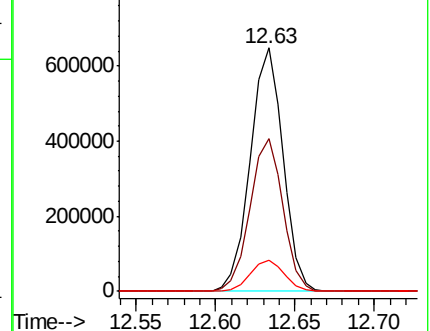
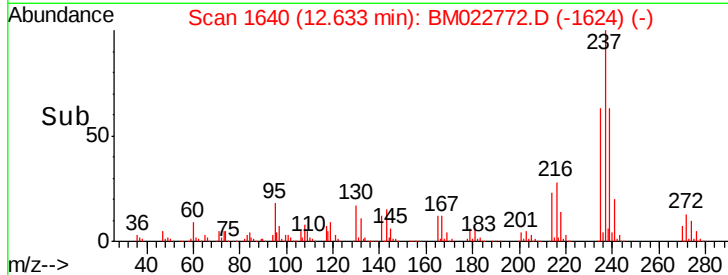
272 12.9 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 112.970 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

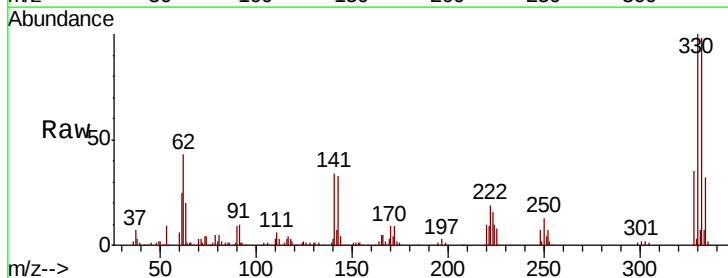
Tgt Ion:330 Resp: 681874

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

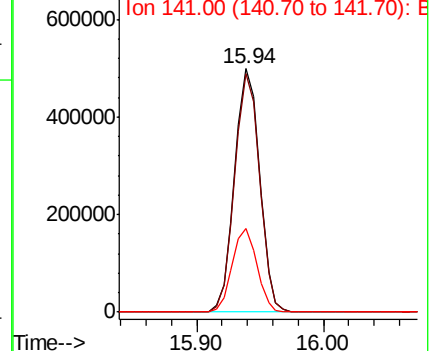
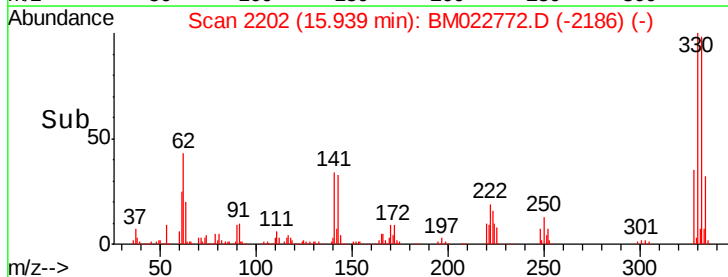
141 34.1 28.6 42.8



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

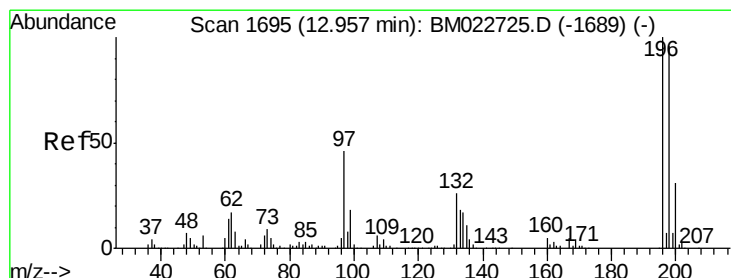
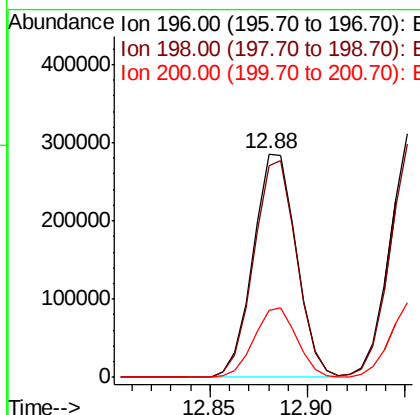
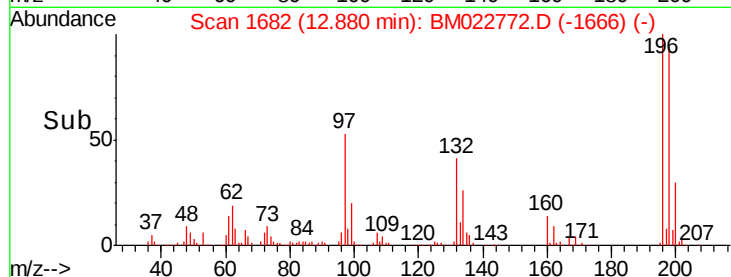
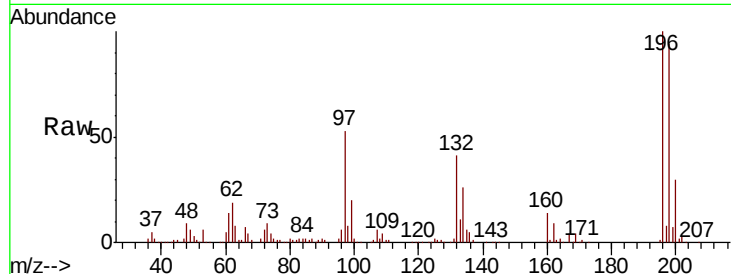




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.376 ng  
 RT: 12.88 min Scan# 1682  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

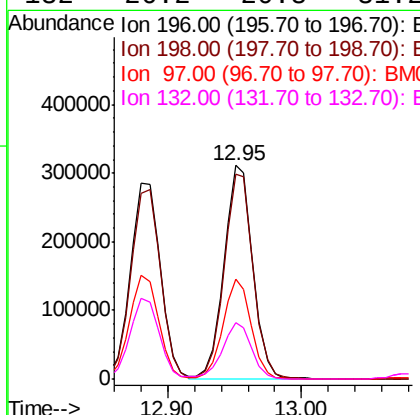
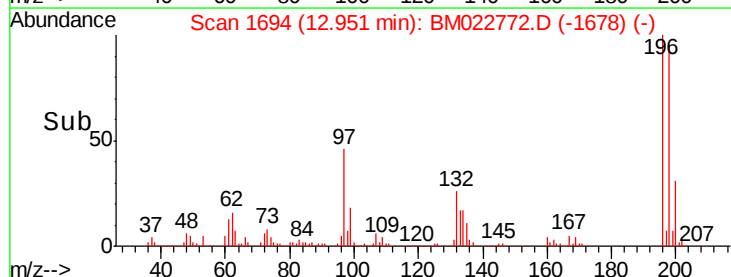
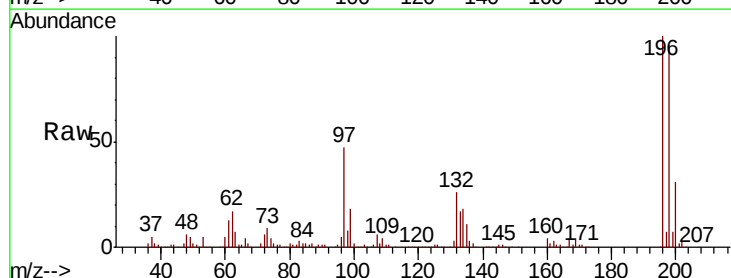
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

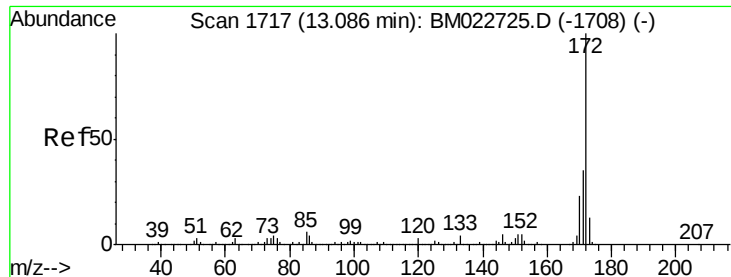
Tot Ion:196 Resp: 438524  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 76.3 114.5  
 200 30.3 24.4 36.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.346 ng  
 RT: 12.95 min Scan# 1694  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Tgt Ion:196 Resp: 466539  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 77.0 115.4  
 97 46.7 37.2 55.8  
 132 26.2 20.8 31.2

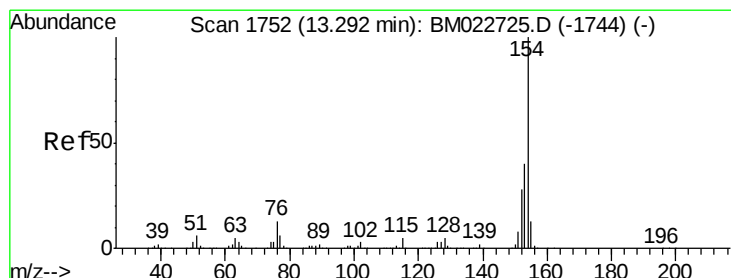
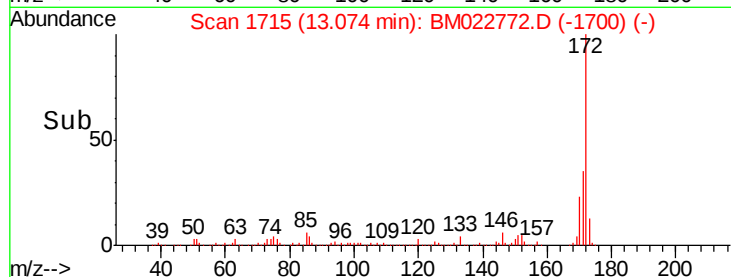
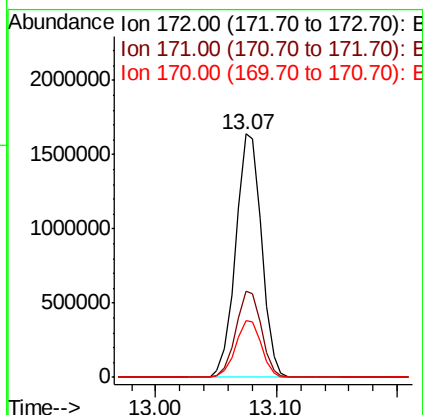
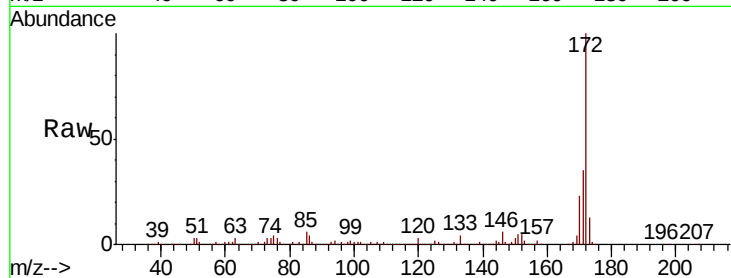




#45  
2-Fluorobiphenyl  
Concen: 69.452 ng  
RT: 13.07 min Scan# 1715  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

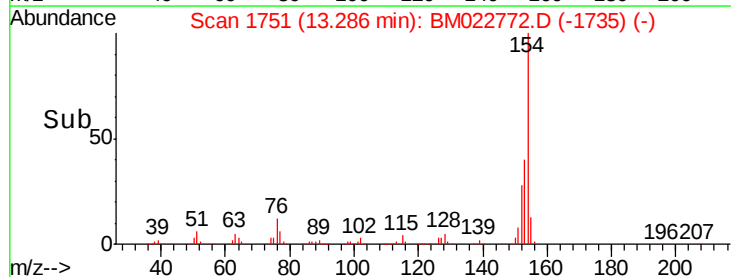
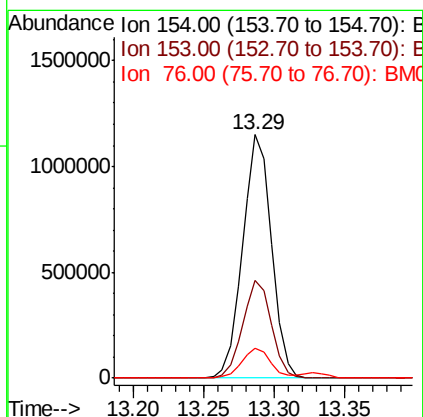
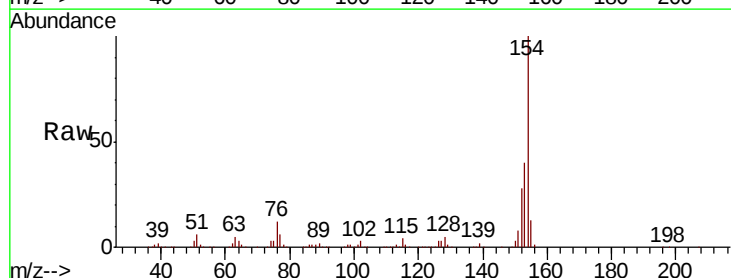
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

Tot Ion:172 Resp: 2438612  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.8 41.8  
170 23.3 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 41.030 ng  
RT: 13.29 min Scan# 1751  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion:154 Resp: 1641921  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.1 60.1  
76 12.4 0.0 32.6

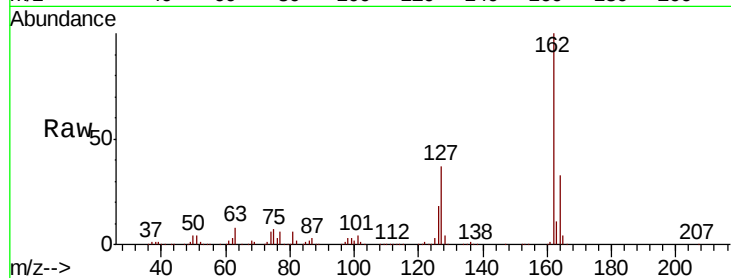




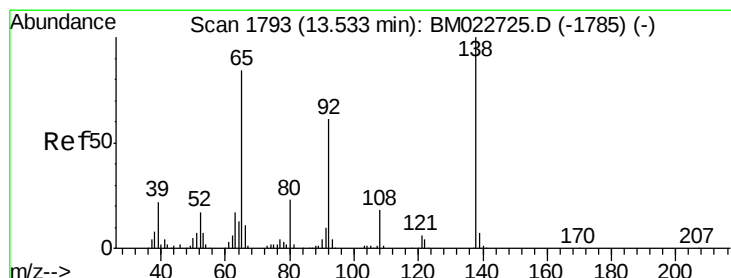
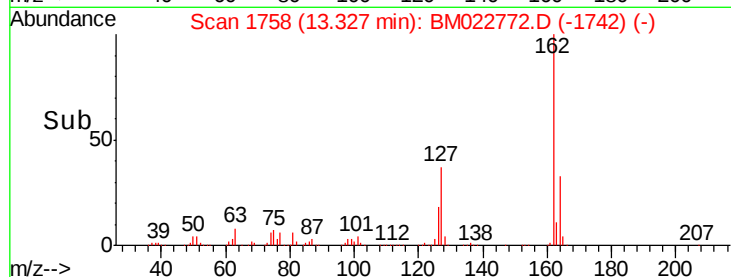
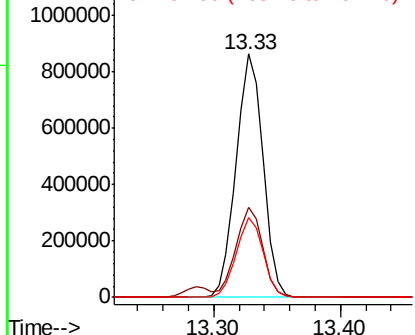
#47  
 2-Chloronaphthalene  
 Concen: 42.452 ng  
 RT: 13.33 min Scan# 1758  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

Tot Ion:162 Resp: 1266188  
 Ion Ratio Lower Upper  
 162 100  
 127 36.8 29.0 43.6  
 164 32.7 26.0 39.0

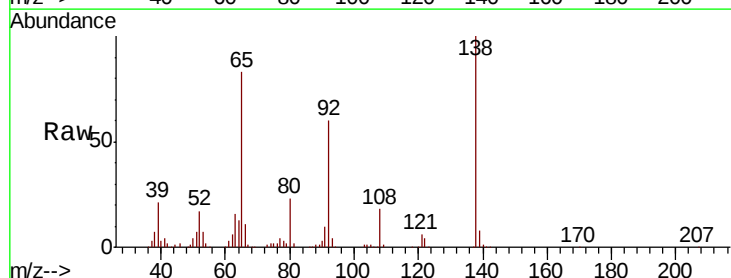


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

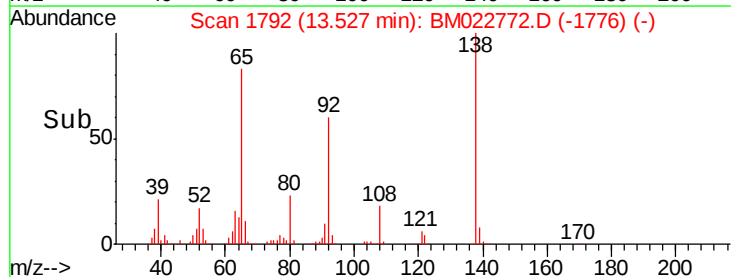
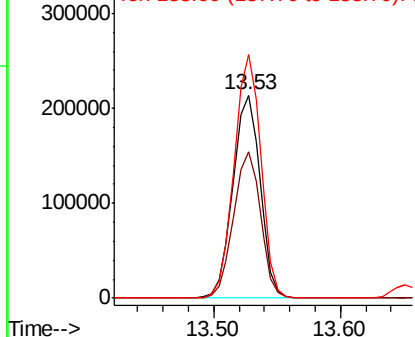


#48  
 2-Nitroaniline  
 Concen: 40.767 ng  
 RT: 13.53 min Scan# 1792  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Tgt Ion: 65 Resp: 316625  
 Ion Ratio Lower Upper  
 65 100  
 92 71.8 58.6 87.8  
 138 119.8 95.4 143.0



Abundance Ion 65.00 (64.70 to 65.70): BM0  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.510 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

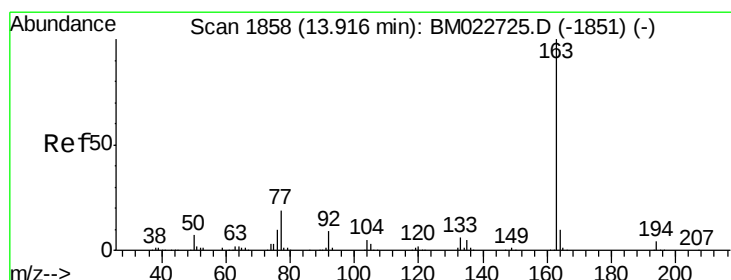
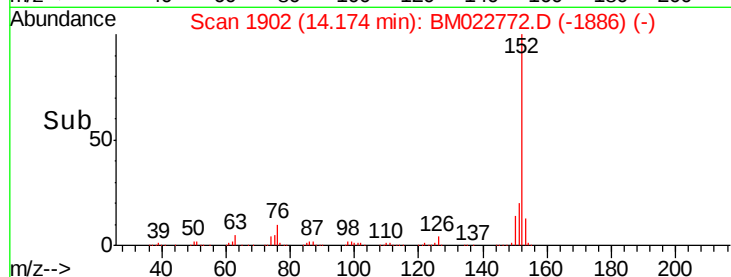
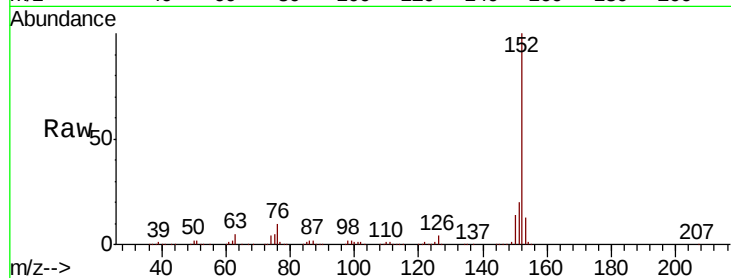
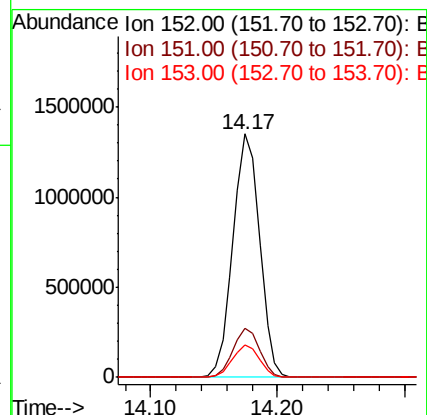
BNA\_M

ClientSampleId :

PB123298BSD

Tot Ion:152 Resp: 1965914

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.9  | 15.9  | 23.9  |
| 153 | 13.1  | 10.5  | 15.7  |



#50

Dimethylphthalate

Concen: 42.396 ng

RT: 13.92 min Scan# 1858

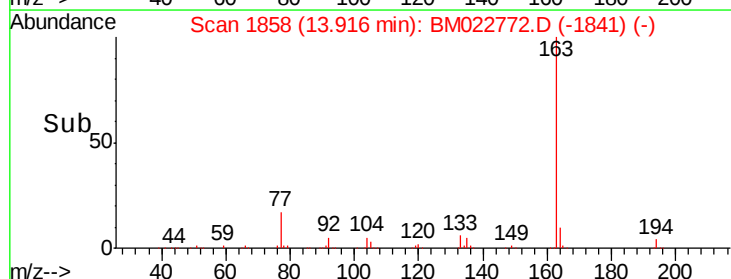
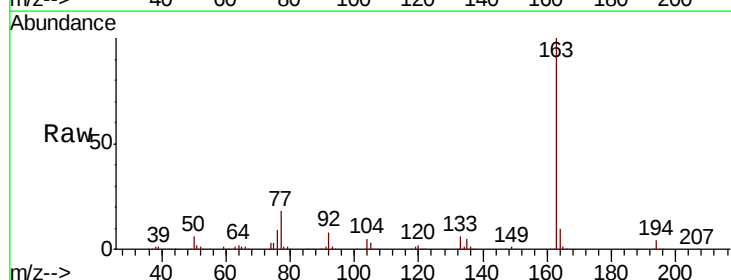
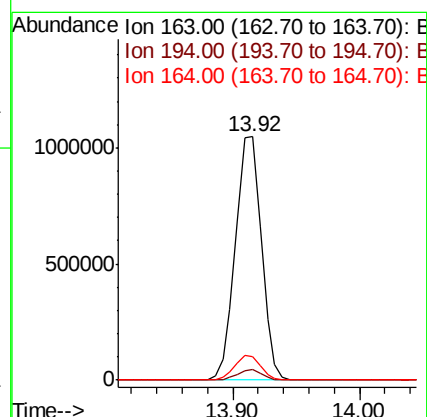
Delta R.T. -0.00 min

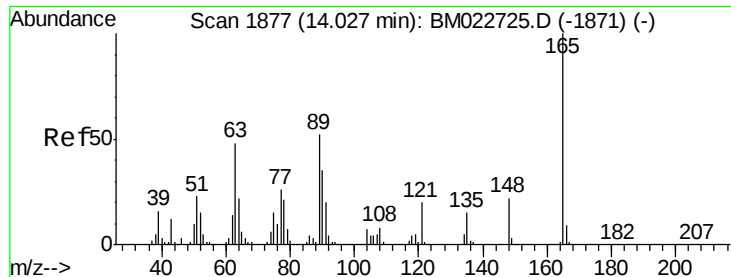
Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:163 Resp: 1481418

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.3   | 4.9   |
| 164 | 9.8   | 8.2   | 12.2  |





#51

2,6-Dinitrotoluene

Concen: 44.887 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

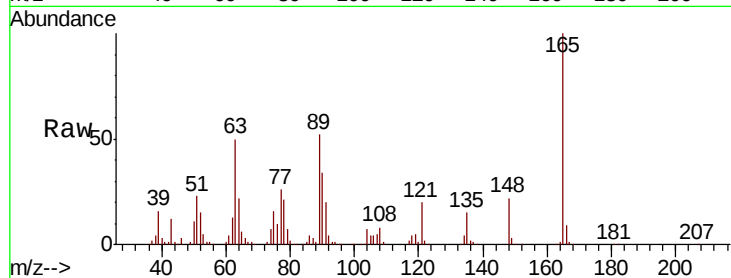
Tot Ion:165 Resp: 328076

Ion Ratio Lower Upper

165 100

63 49.6 38.6 58.0

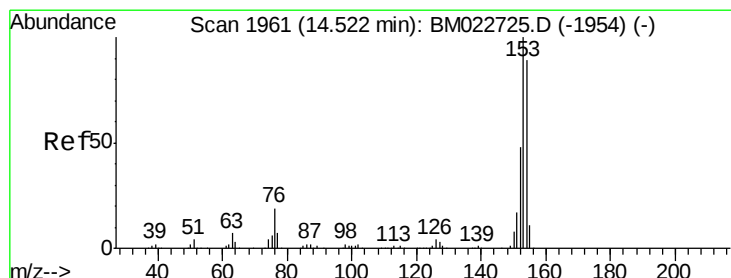
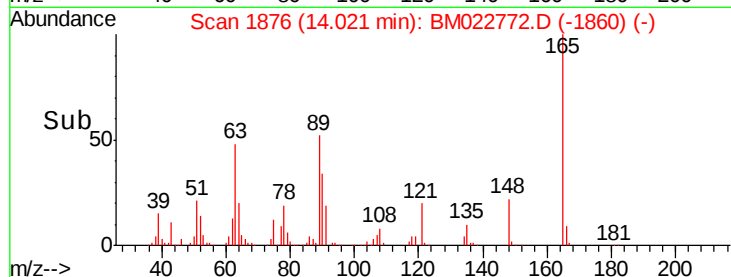
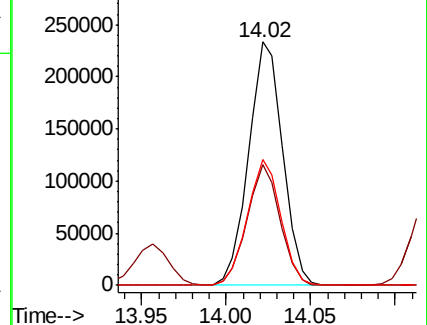
89 51.6 41.6 62.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 41.311 ng

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

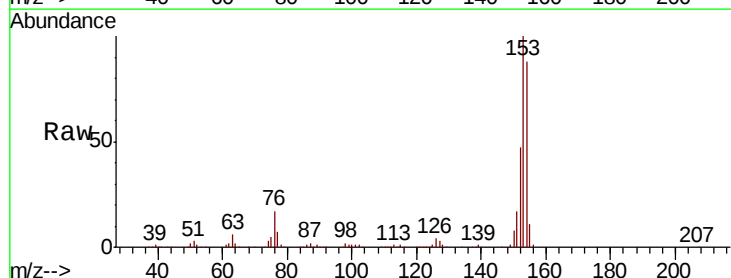
Tgt Ion:154 Resp: 1193717

Ion Ratio Lower Upper

154 100

153 113.1 90.0 135.0

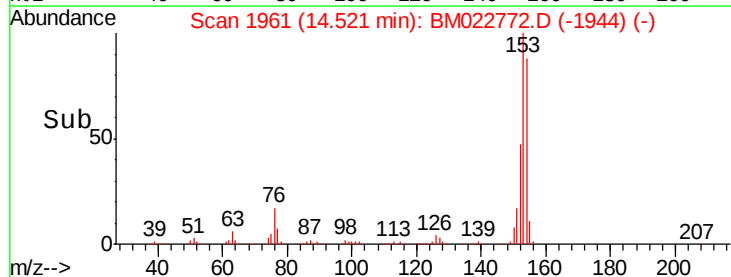
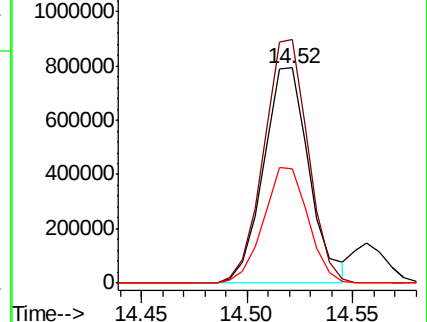
152 53.4 42.9 64.3

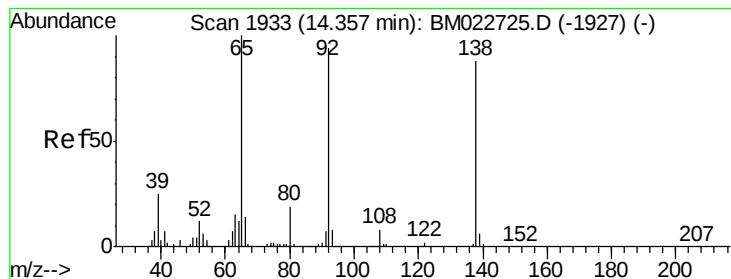


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.633 ng

RT: 14.35 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

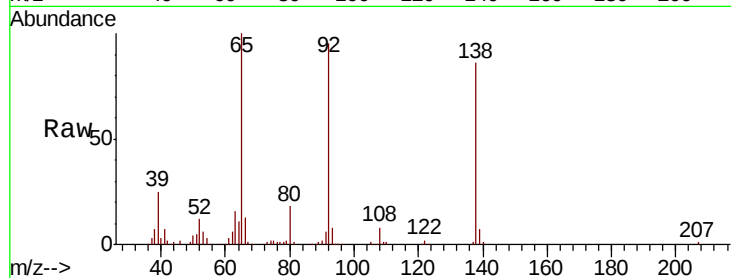
Tot Ion:138 Resp: 232508

Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

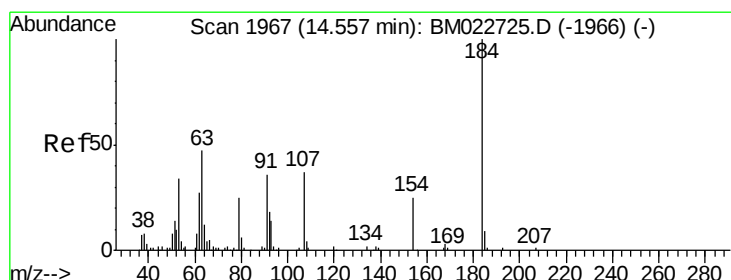
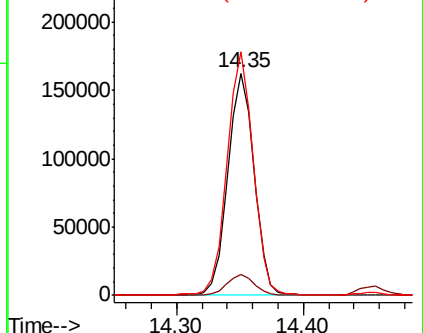
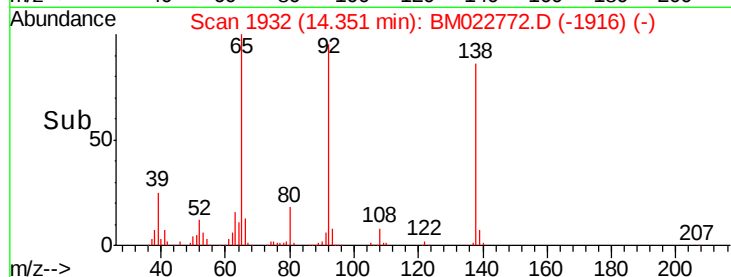
92 109.6 86.3 129.5



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): BM



#54

2,4-Dinitrophenol

Concen: 86.095 ng

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

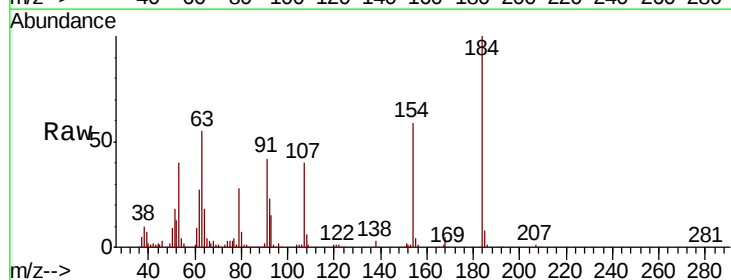
Tgt Ion:184 Resp: 343225

Ion Ratio Lower Upper

184 100

63 55.3 48.5 72.7

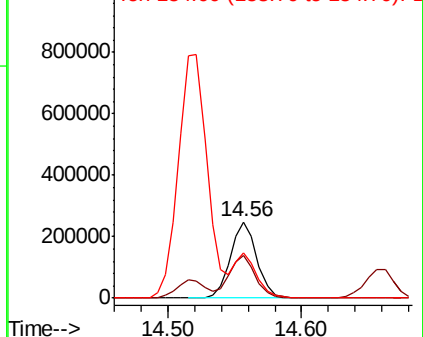
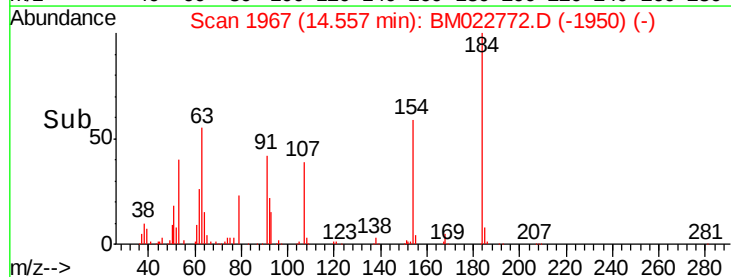
154 59.3 48.1 72.1

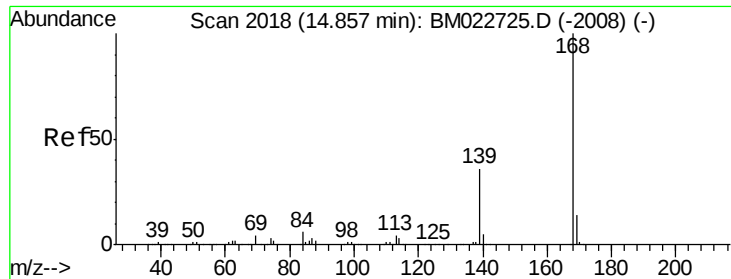


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

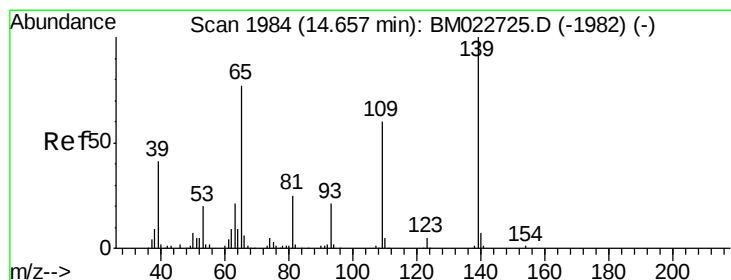
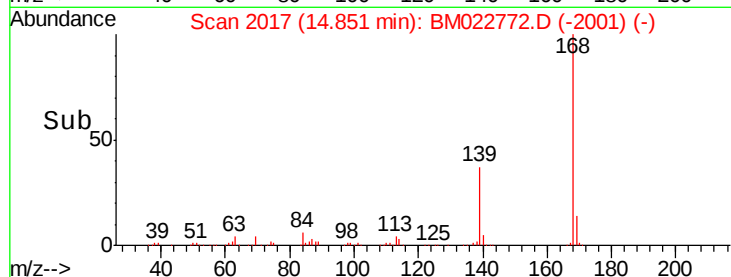
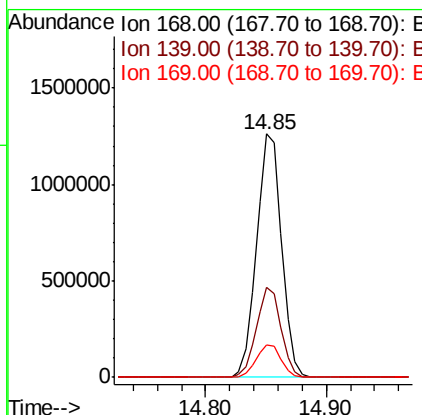
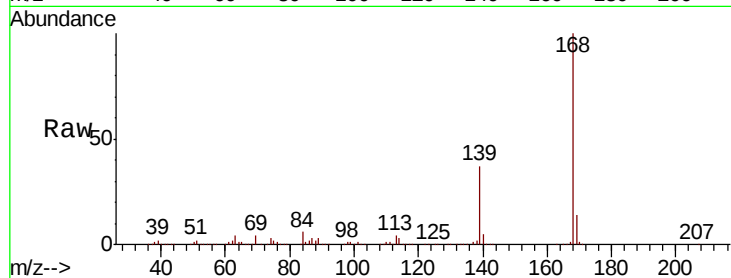




#55  
Dibenzenofuran  
Concen: 43.175 ng  
RT: 14.85 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

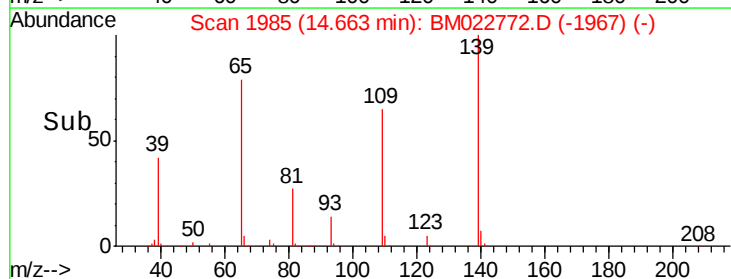
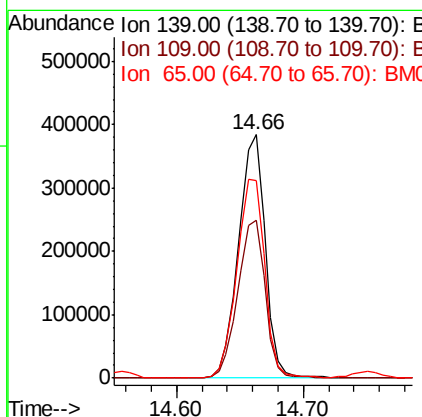
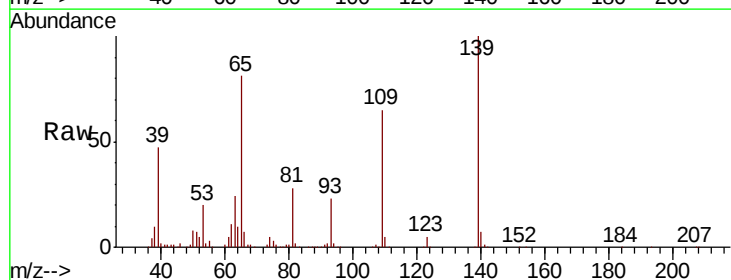
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

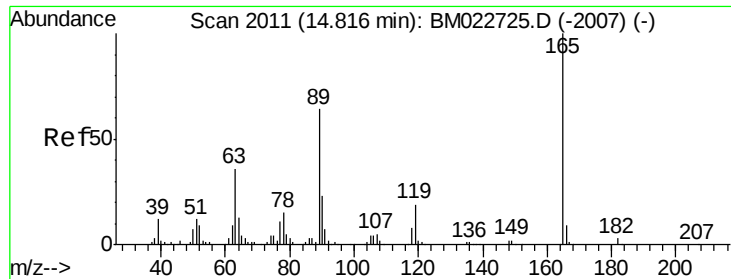
Tot Ion:168 Resp: 1821368  
Ion Ratio Lower Upper  
168 100  
139 36.8 28.8 43.2  
169 13.6 10.9 16.3



#56  
4-Nitrophenol  
Concen: 86.664 ng  
RT: 14.66 min Scan# 1985  
Delta R.T. 0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion:139 Resp: 560491  
Ion Ratio Lower Upper  
139 100  
109 65.1 44.8 84.8  
65 81.0 66.6 106.6

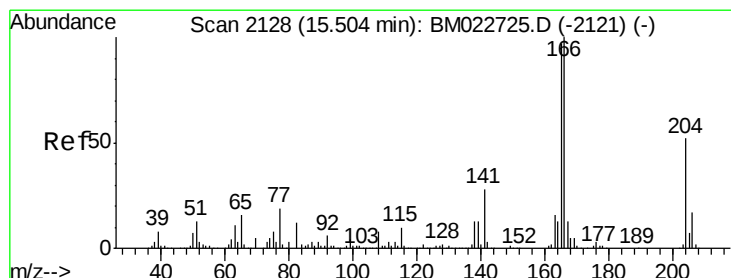
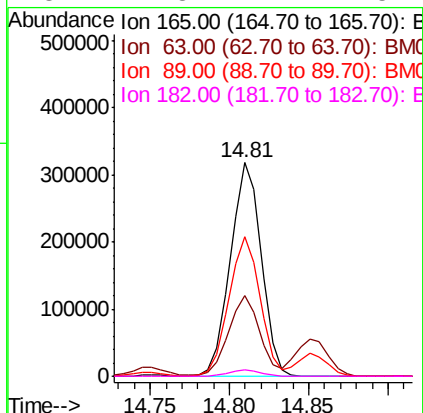
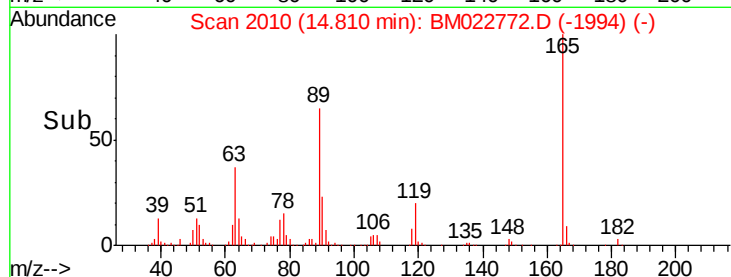
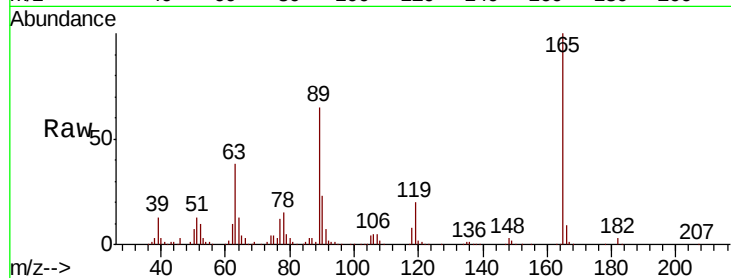




#57  
2,4-Dinitrotoluene  
Concen: 44.798 ng  
RT: 14.81 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

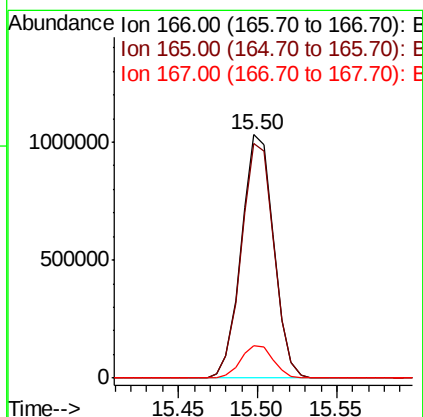
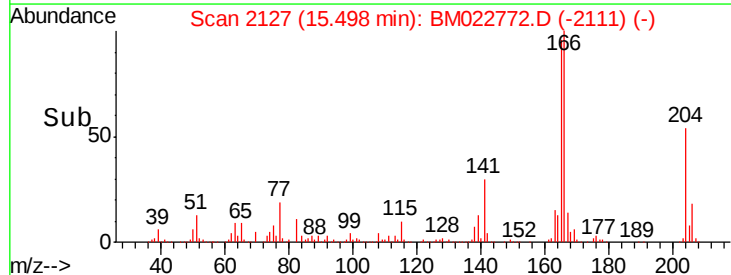
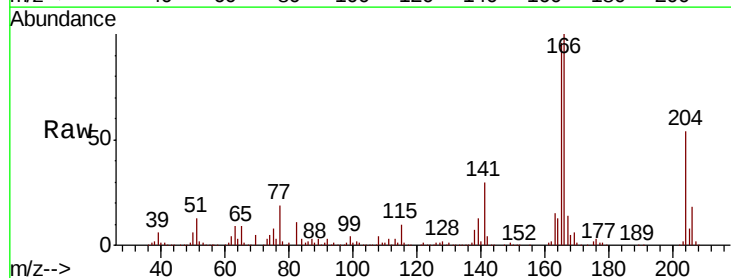
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

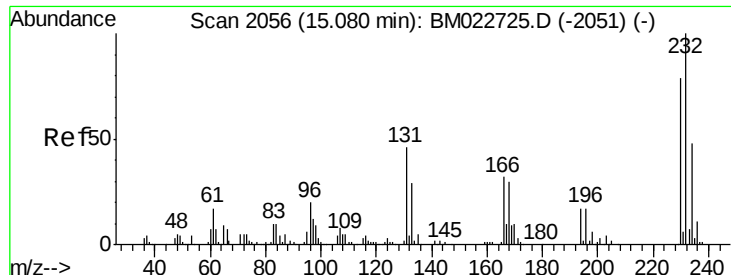
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 37.5  | 30.1  | 45.1  |
| 89      | 65.4  | 52.5  | 78.7  |
| 182     | 2.8   | 2.2   | 3.4   |



#58  
Fluorene  
Concen: 42.598 ng  
RT: 15.50 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.4  | 77.6  | 116.4 |
| 167     | 13.5  | 10.8  | 16.2  |

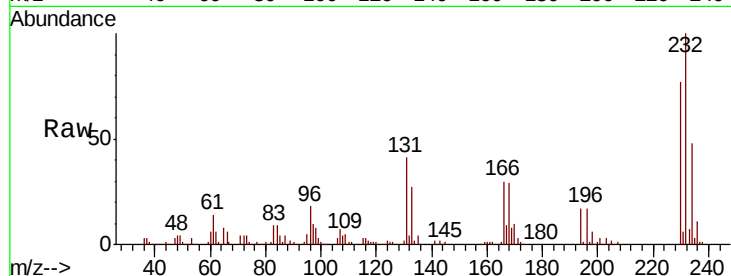




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.326 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.00 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.8  | 36.3  | 54.5  |
| 130     | 2.1   | 1.8   | 2.8   |
| 166     | 30.7  | 25.0  | 37.4  |



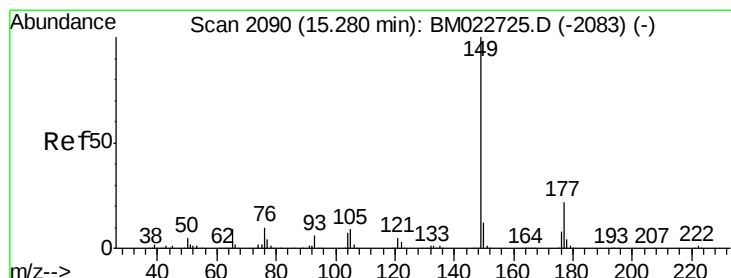
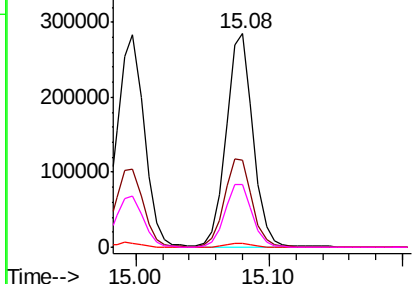
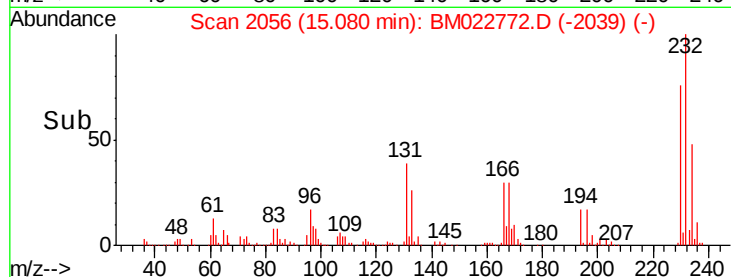
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

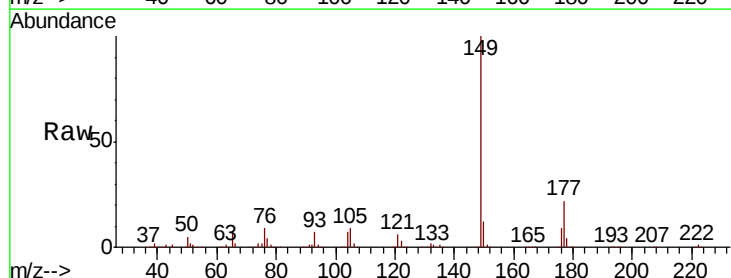
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 43.203 ng  
 RT: 15.27 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.1  | 17.6  | 26.4  |
| 150     | 12.5  | 9.9   | 14.9  |

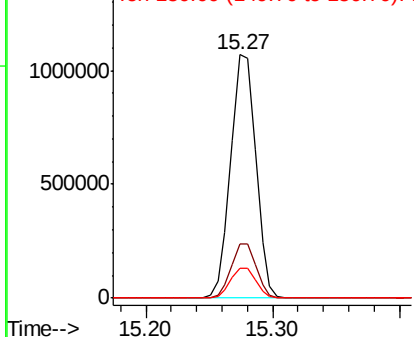
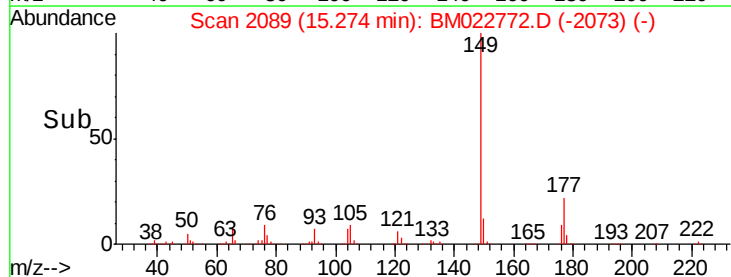


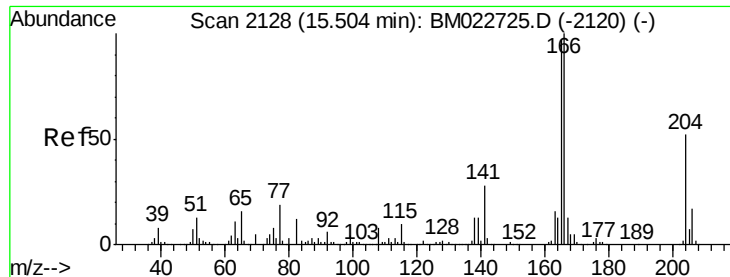
Abundance

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

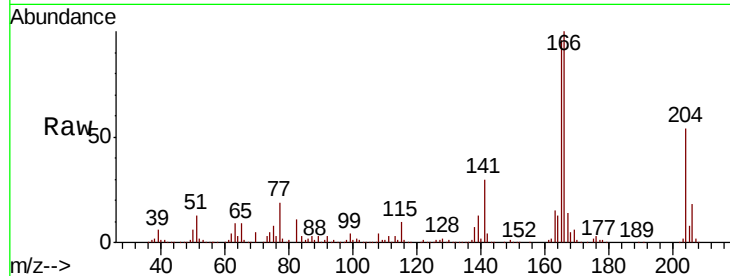




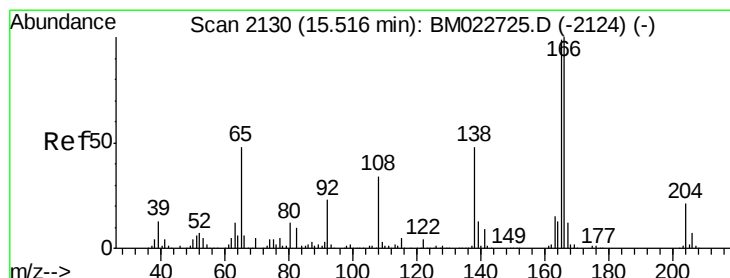
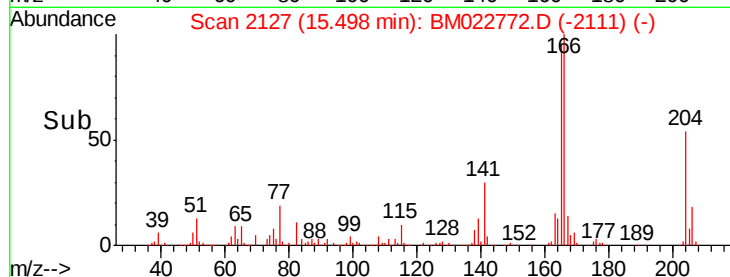
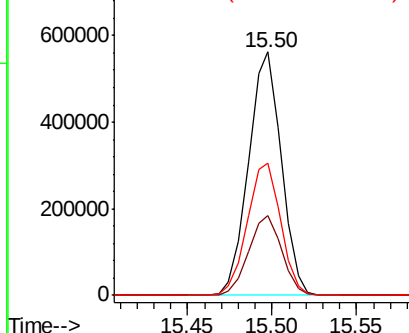
#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.138 ng  
 RT: 15.50 min Scan# 2127  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB123298BSD

Tot Ion:204 Resp: 759824  
 Ion Ratio Lower Upper  
 204 100  
 206 33.0 26.2 39.4  
 141 54.3 42.6 64.0

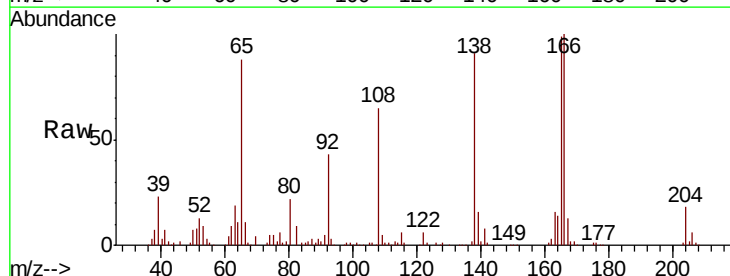


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

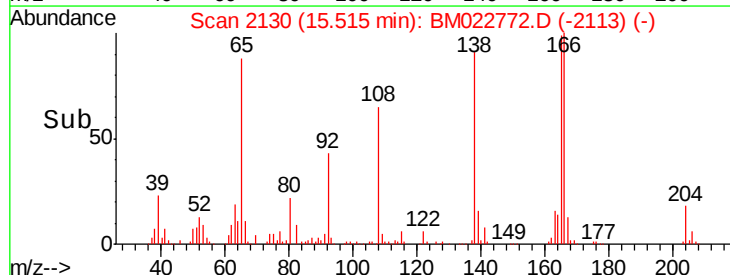
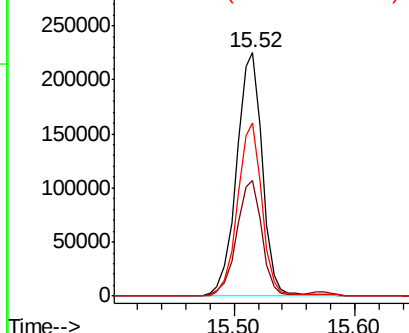


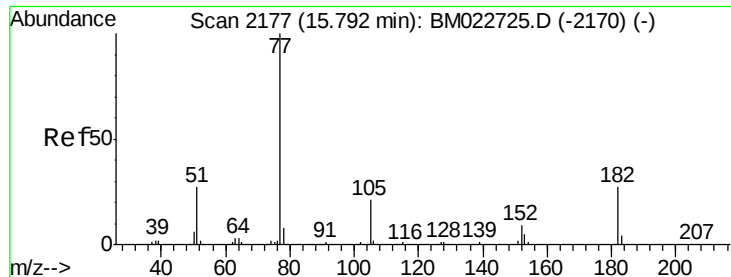
#62  
 4-Nitroaniline  
 Concen: 37.914 ng  
 RT: 15.52 min Scan# 2130  
 Delta R.T. -0.00 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Tgt Ion:138 Resp: 334458  
 Ion Ratio Lower Upper  
 138 100  
 92 47.2 28.7 68.7  
 108 71.1 50.3 90.3



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E

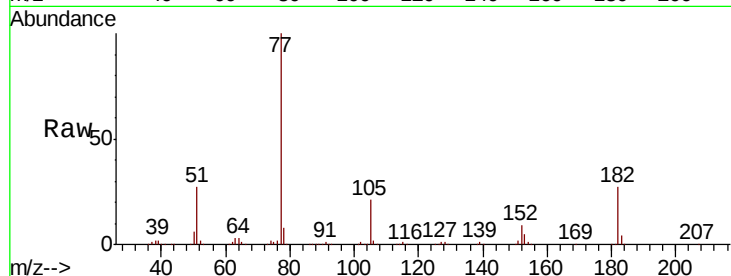




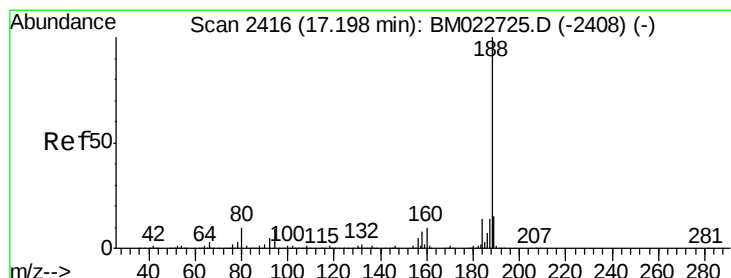
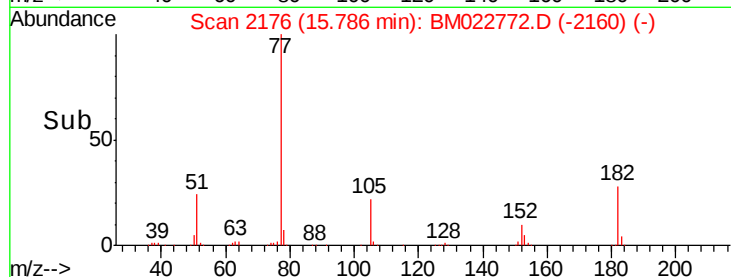
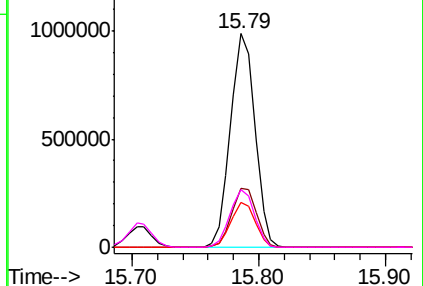
#63  
Azobenzene  
Concen: 42.870 ng  
RT: 15.79 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

Tot Ion: 77 Resp: 1315337  
Ion Ratio Lower Upper  
77 100  
182 27.5 7.0 47.0  
105 21.3 0.9 40.9  
51 26.9 6.6 46.6

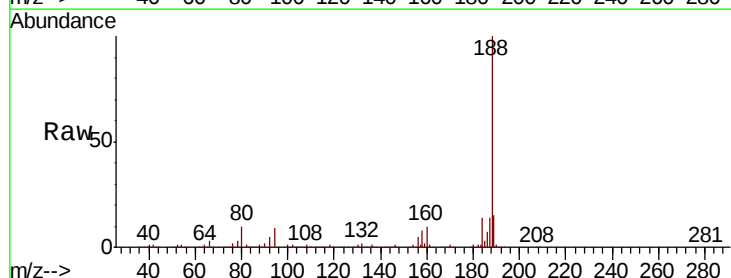


Abundance Ion 77.00 (76.70 to 77.70): BM022772.D (-2160) (-)  
Ion 182.00 (181.70 to 182.70): BM022772.D (-2160) (-)  
Ion 105.00 (104.70 to 105.70): BM022772.D (-2160) (-)  
Ion 51.00 (50.70 to 51.70): BM022772.D (-2160) (-)

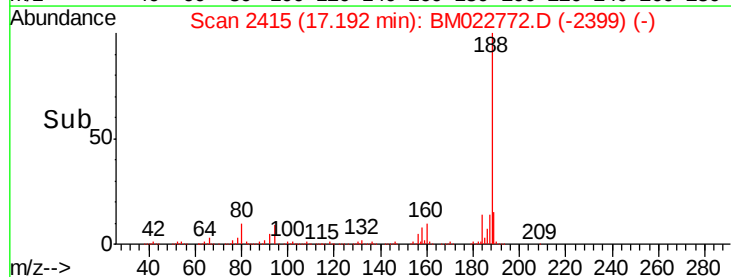
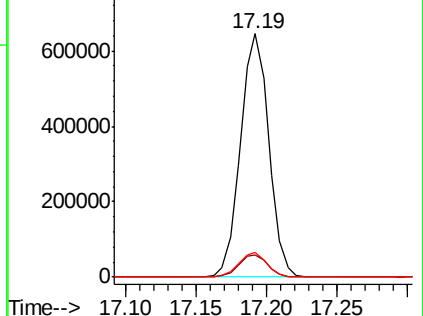


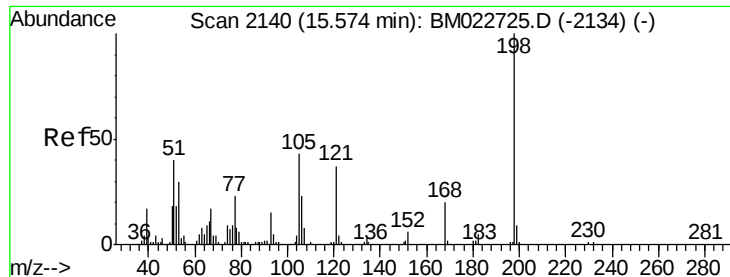
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.19 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion: 188 Resp: 904069  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.3 10.9  
80 10.0 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BM022772.D (-2399) (-)  
Ion 94.00 (93.70 to 94.70): BM022772.D (-2399) (-)  
Ion 80.00 (79.70 to 80.70): BM022772.D (-2399) (-)

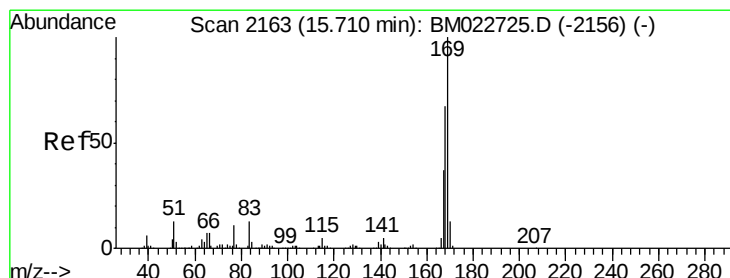
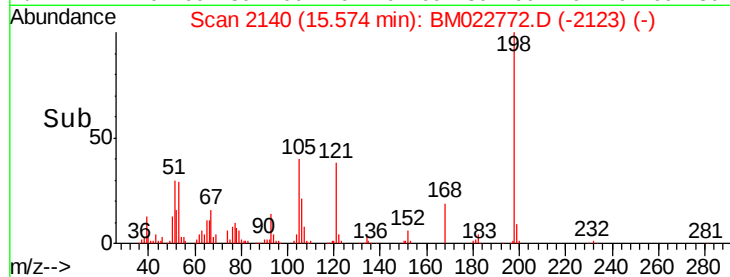
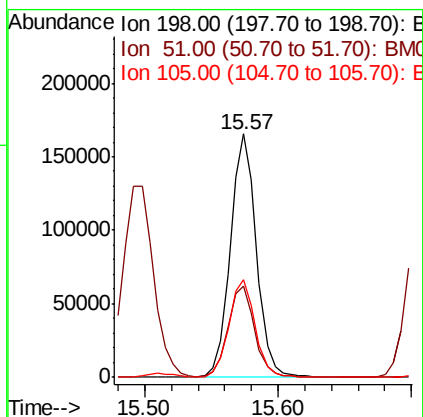
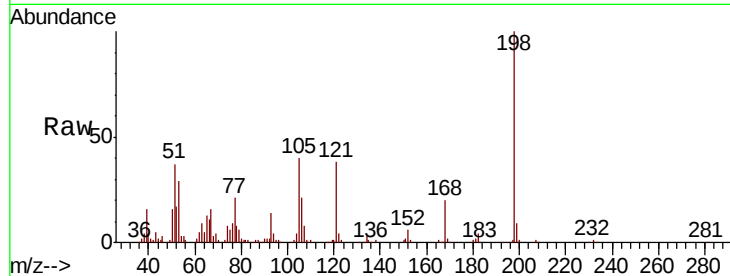




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 49.273 ng  
 RT: 15.57 min Scan# 2140  
 Delta R.T. 0.00 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

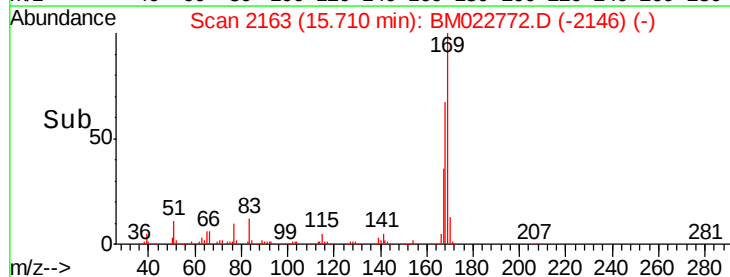
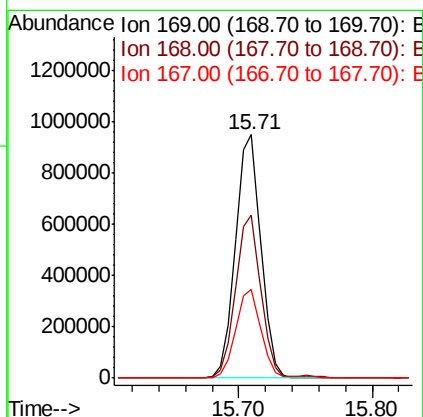
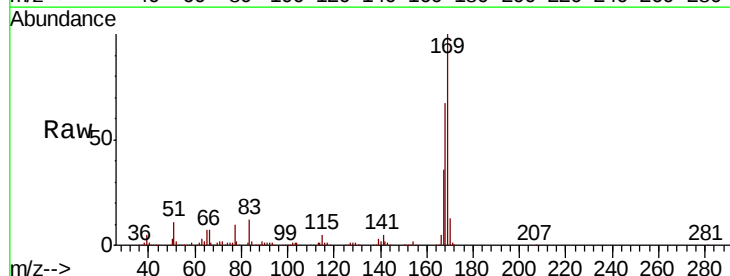
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

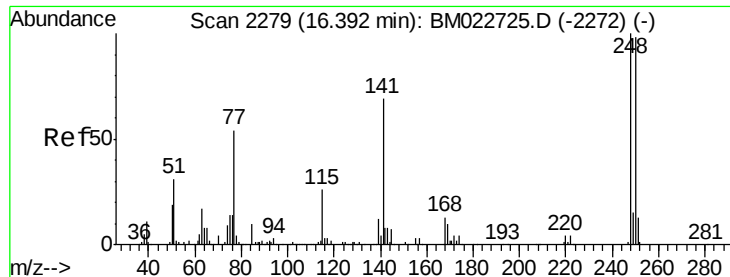
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 37.2  | 21.0  | 61.0  |
| 105     | 40.4  | 22.5  | 62.5  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 45.644 ng  
 RT: 15.71 min Scan# 2163  
 Delta R.T. -0.00 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.8  | 53.4  | 80.2  |
| 167     | 36.3  | 29.3  | 43.9  |

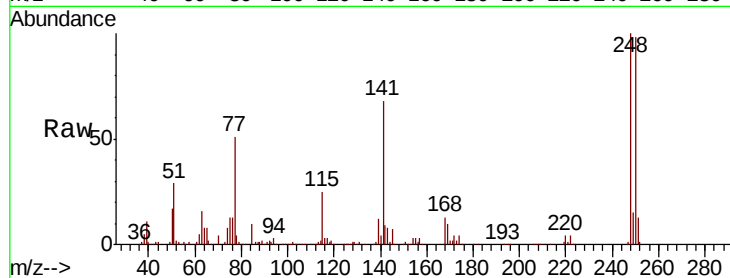




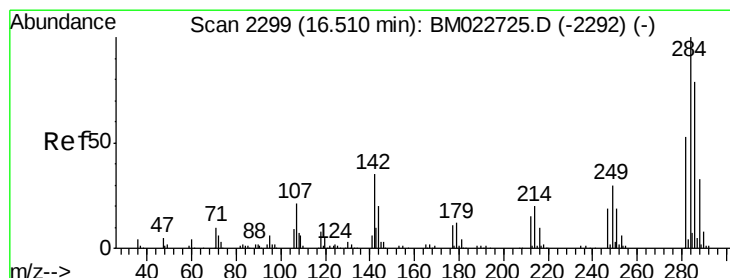
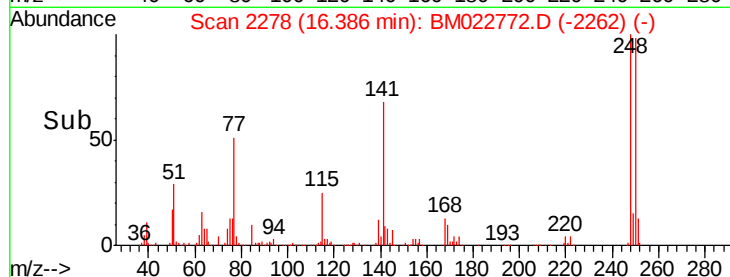
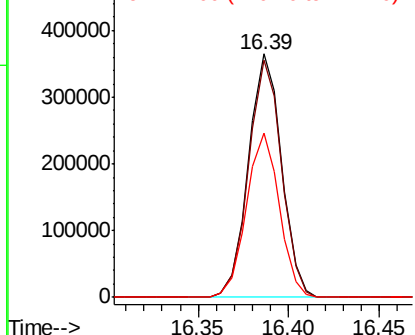
#67  
4-Bromophenyl-phenylether  
Concen: 46.066 ng  
RT: 16.39 min Scan# 2278  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

Tot Ion:248 Resp: 463214  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.4 117.6  
141 67.7 55.1 82.7

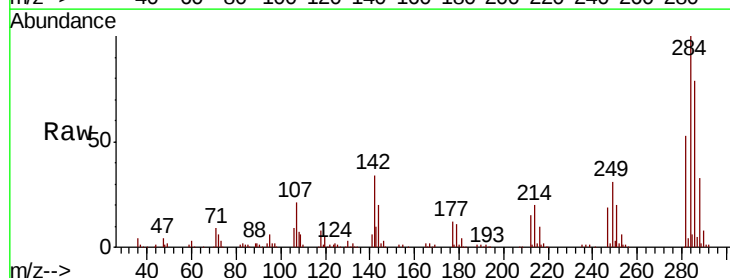


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

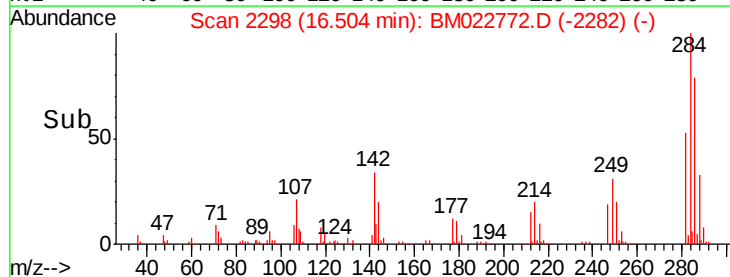
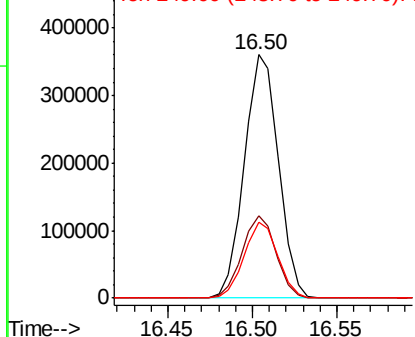


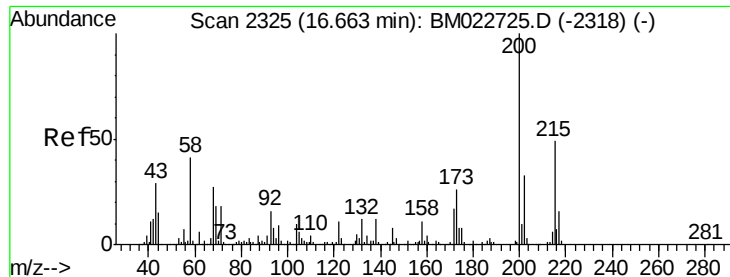
#68  
Hexachlorobenzene  
Concen: 43.300 ng  
RT: 16.50 min Scan# 2298  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion:284 Resp: 507755  
Ion Ratio Lower Upper  
284 100  
142 33.9 27.8 41.8  
249 31.1 24.4 36.6



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

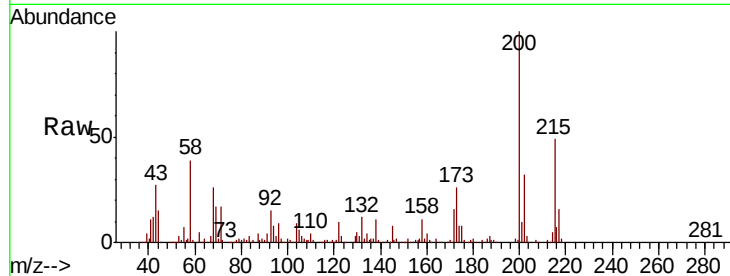




#69  
 Atrazine  
 Concen: 42.779 ng  
 RT: 16.66 min Scan# 2324  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.9  | 5.8   | 45.8  |
| 215     | 48.8  | 29.2  | 69.2  |

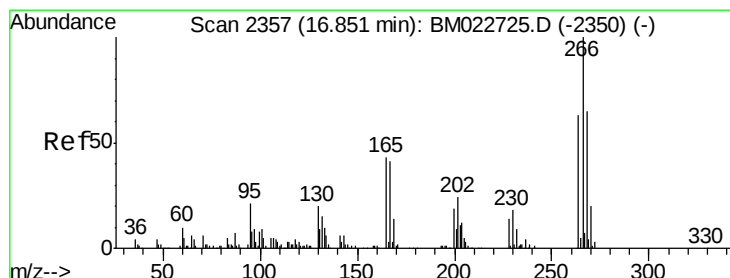
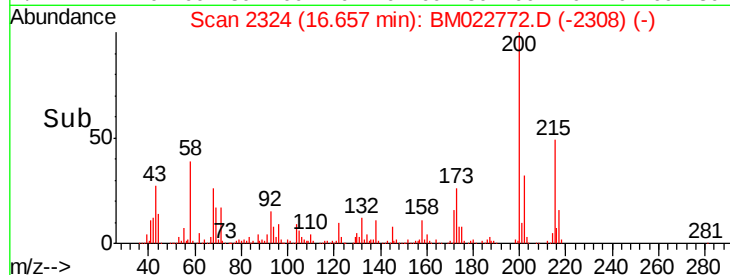
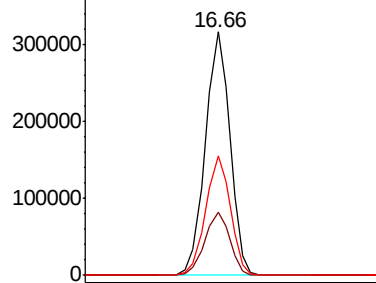


Abundance

Ion 200.00 (199.70 to 200.70): E

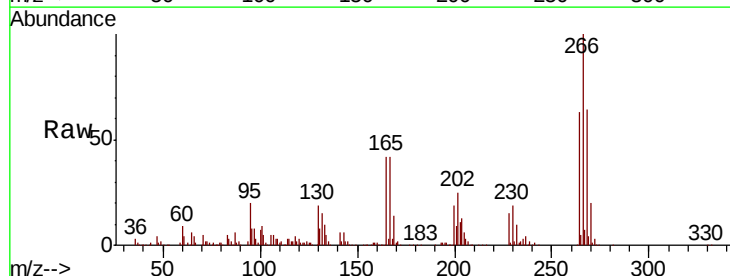
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 98.965 ng  
 RT: 16.84 min Scan# 2356  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.1  | 51.8  | 77.6  |
| 264     | 63.4  | 50.2  | 75.4  |

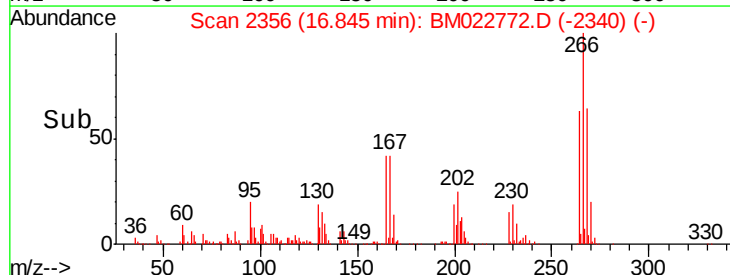
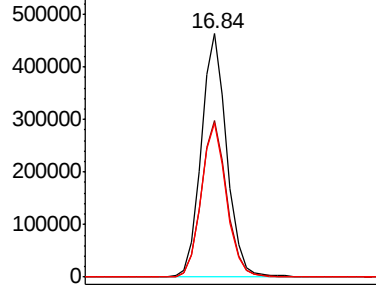


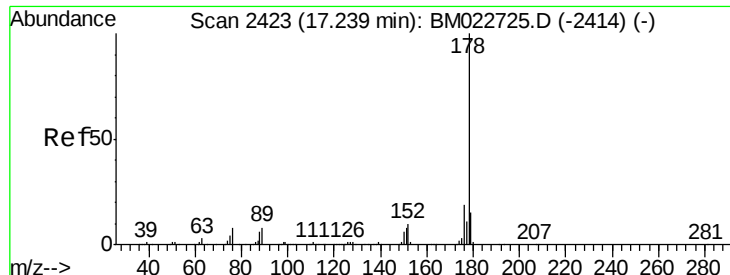
Abundance

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

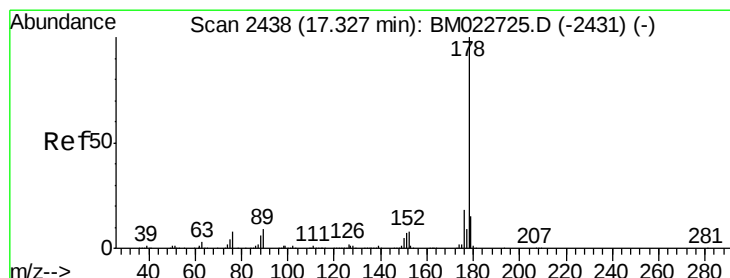
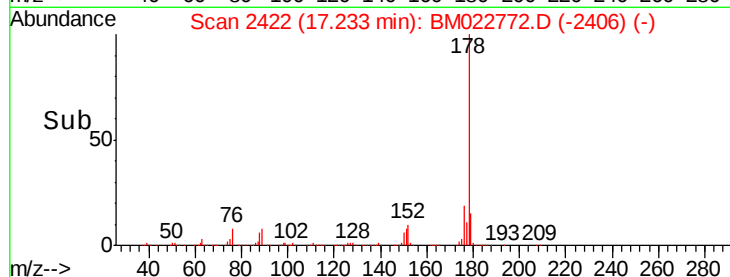
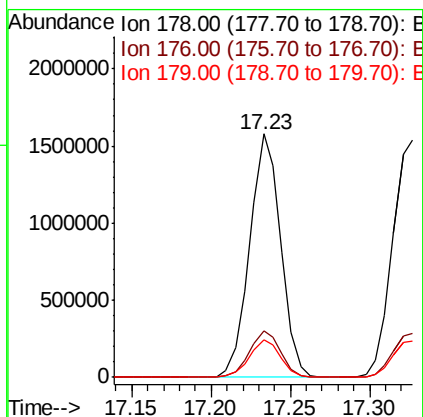
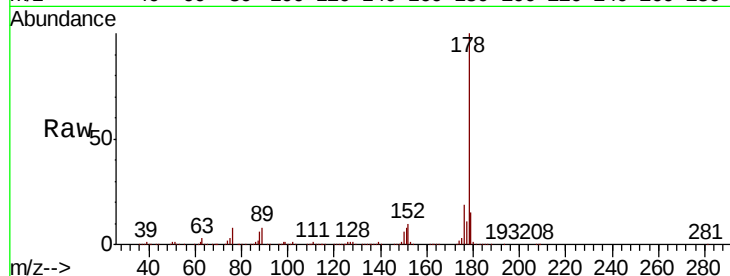




#71  
Phenanthrene  
Concen: 42.087 ng  
RT: 17.23 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

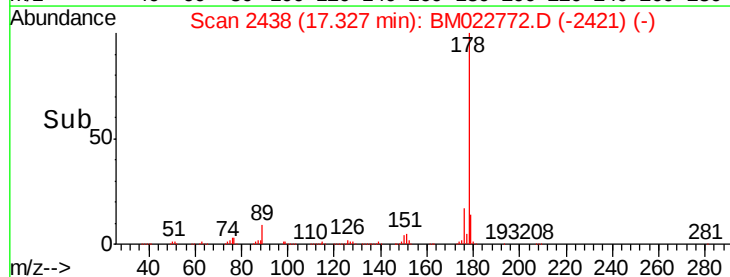
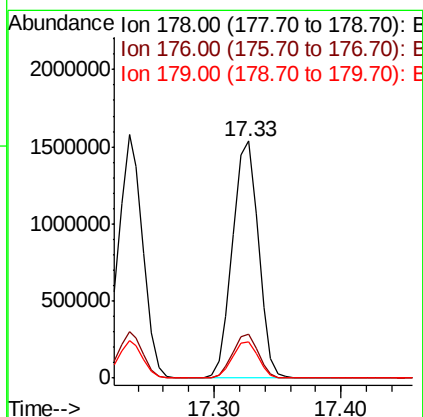
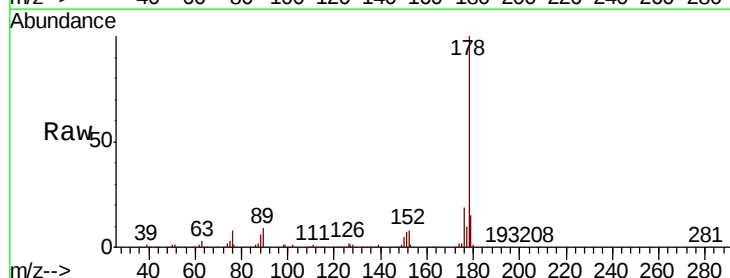
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

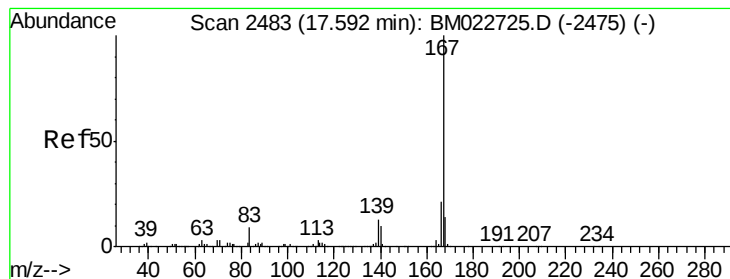
Tot Ion:178 Resp: 2146974  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.4 12.3 18.5



#72  
Anthracene  
Concen: 43.832 ng  
RT: 17.33 min Scan# 2438  
Delta R.T. -0.00 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion:178 Resp: 2167018  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.7 22.1  
179 15.2 12.2 18.4





#73

Carbazole

Concen: 41.778 ng

RT: 17.59 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

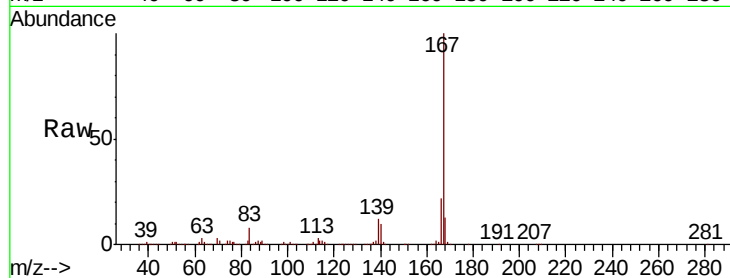
Tot Ion:167 Resp: 1922066

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

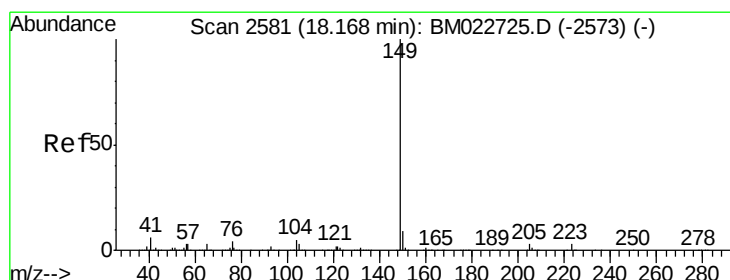
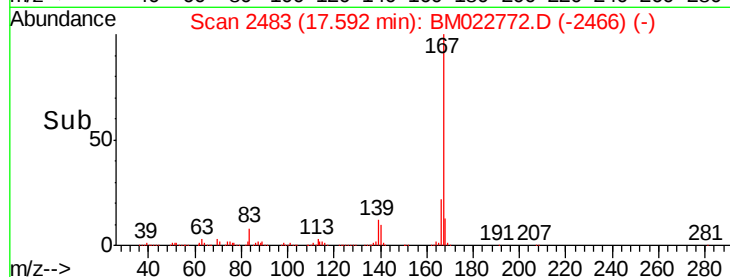
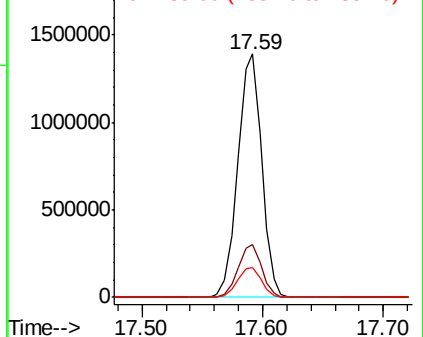
139 12.4 10.1 15.1



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: 46.226 ng

RT: 18.16 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

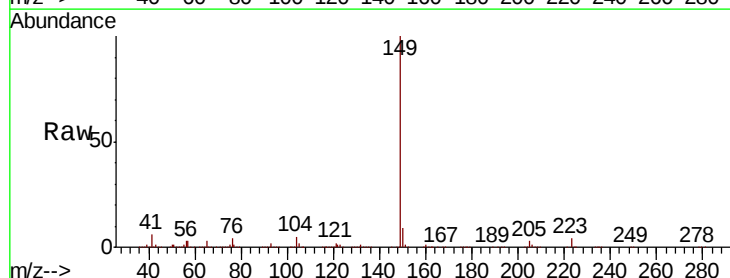
Tgt Ion:149 Resp: 2411420

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

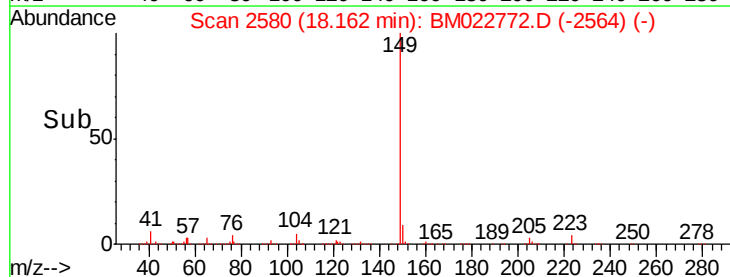
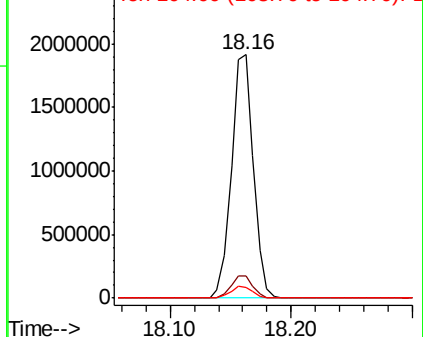
104 4.6 3.8 5.6

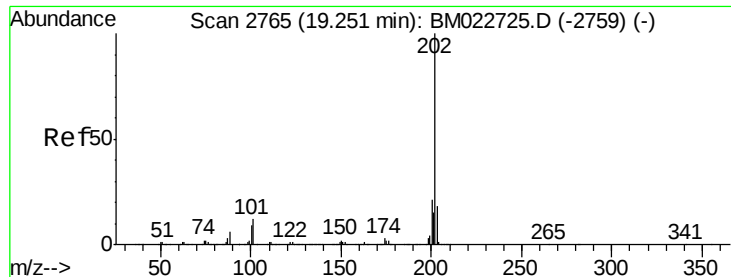


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.522 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

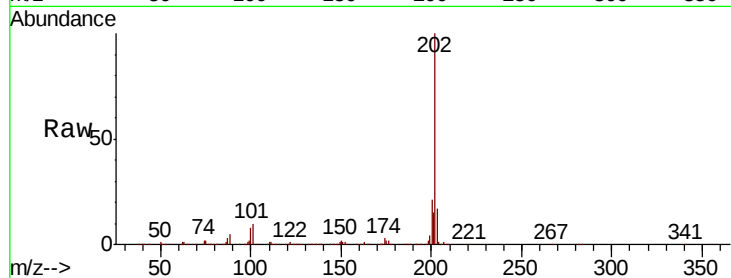
Tot Ion:202 Resp: 2332632

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.1

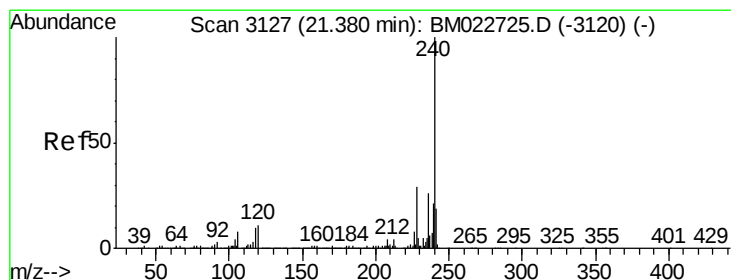
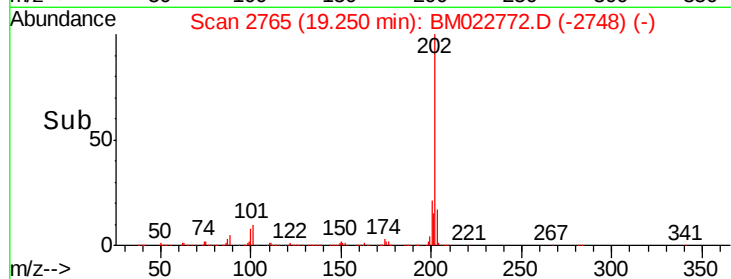
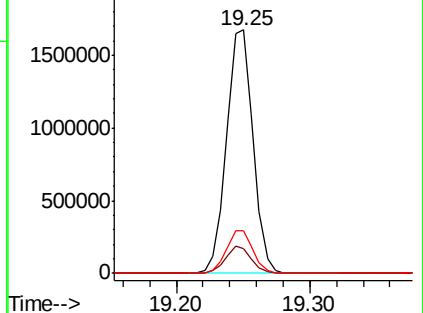
203 17.4 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

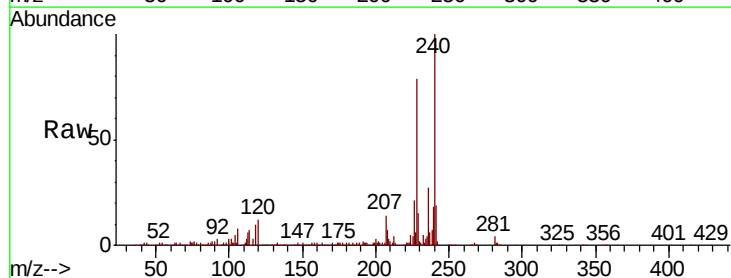
Tgt Ion:240 Resp: 720618

Ion Ratio Lower Upper

240 100

120 11.6 8.8 13.2

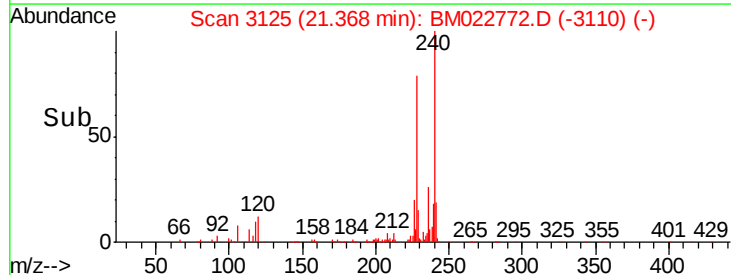
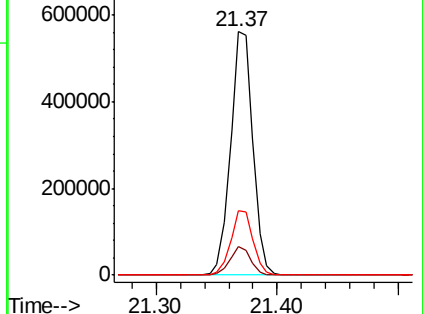
236 26.5 20.8 31.2

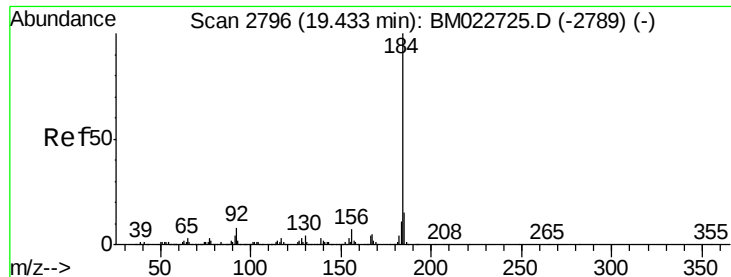


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.958 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

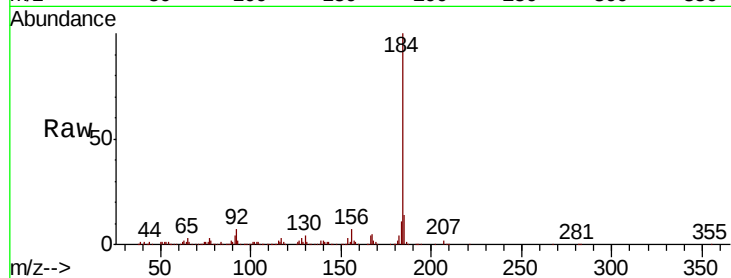
BNA\_M

ClientSampleId :

PB123298BSD

Tot Ion:184 Resp: 869011

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.0  | 11.6  | 17.4  |
| 183 | 11.3  | 9.1   | 13.7  |

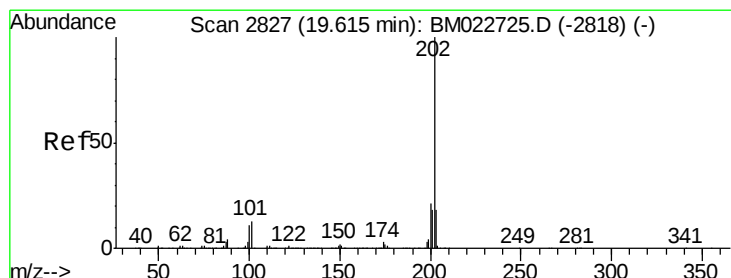
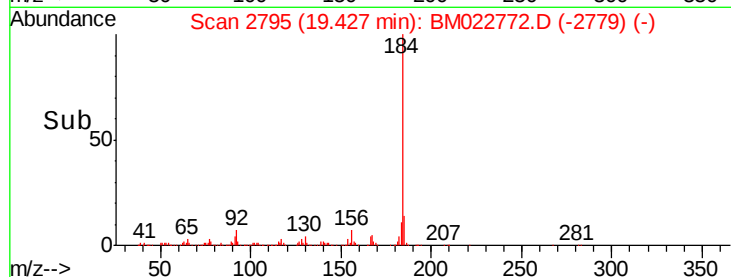
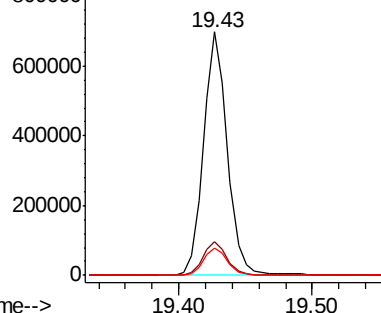


Abundance

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



#78

Pyrene

Concen: 50.064 ng

RT: 19.61 min Scan# 2826

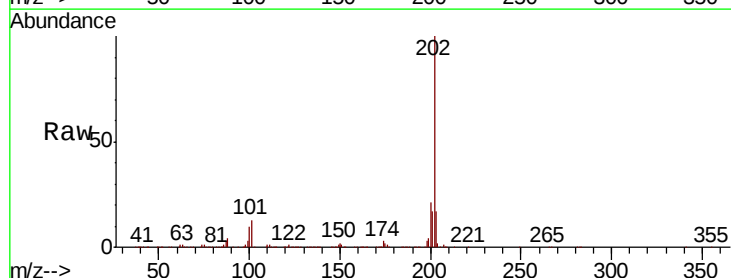
Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Tgt Ion:202 Resp: 2364306

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.2  | 16.7  | 25.1  |
| 203 | 17.5  | 14.1  | 21.1  |

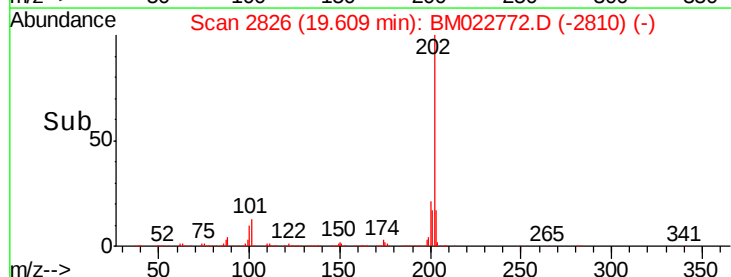
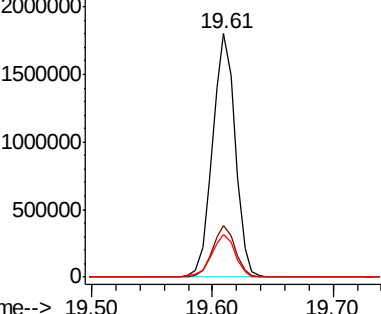


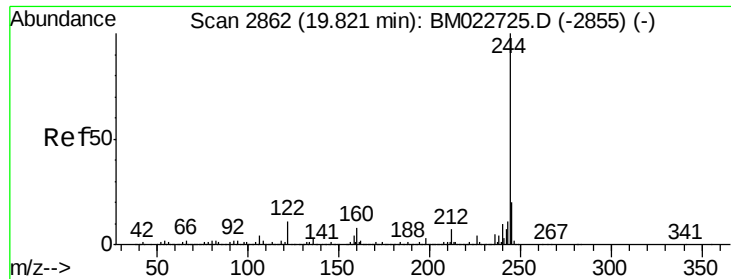
Abundance

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

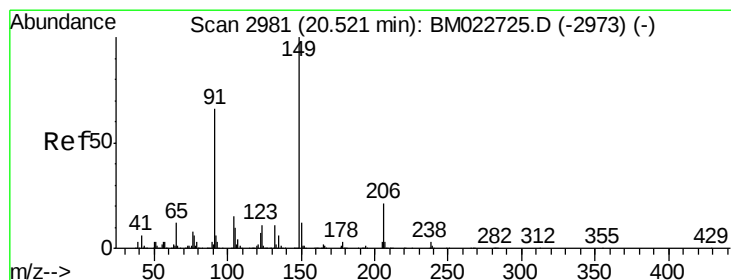
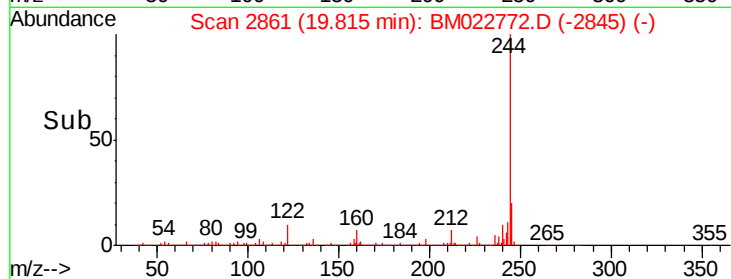
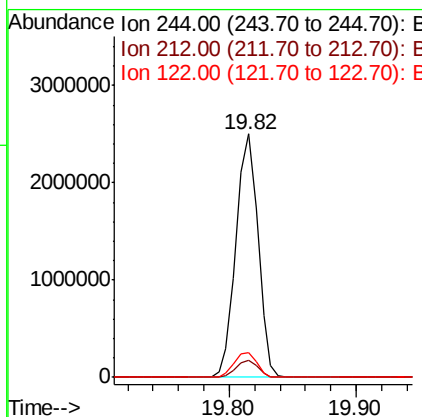
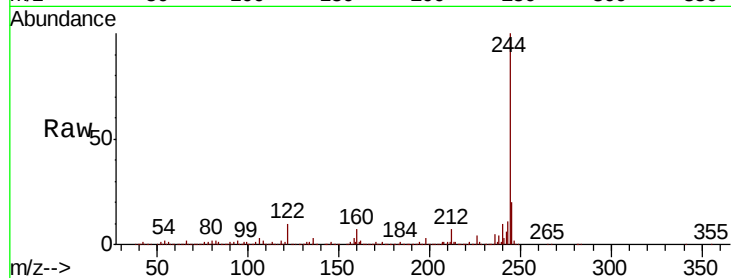




#79  
 Terphenyl-d14  
 Concen: 80.685 ng  
 RT: 19.82 min Scan# 2861  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

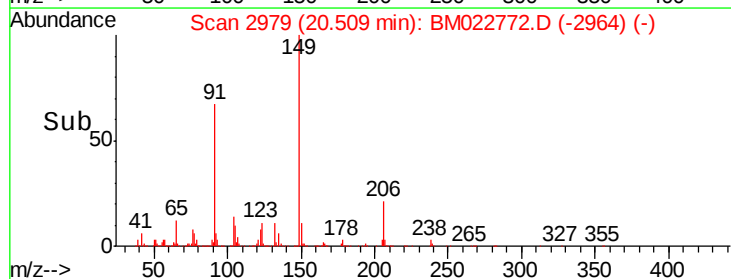
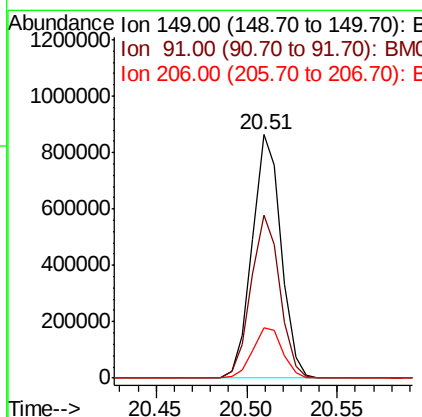
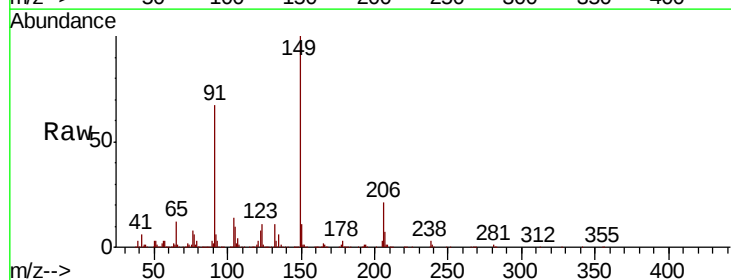
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

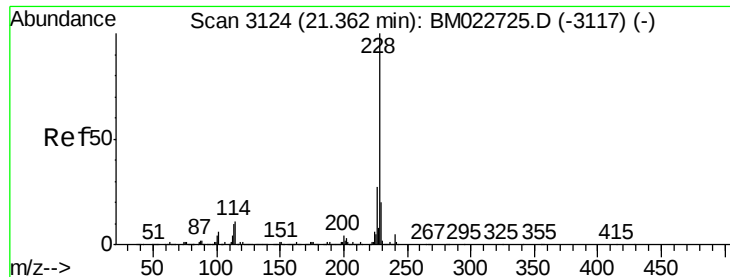
Tot Ion:244 Resp: 3002692  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 10.4 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 53.223 ng  
 RT: 20.51 min Scan# 2979  
 Delta R.T. -0.01 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Tgt Ion:149 Resp: 955259  
 Ion Ratio Lower Upper  
 149 100  
 91 66.7 53.0 79.4  
 206 20.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.100 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

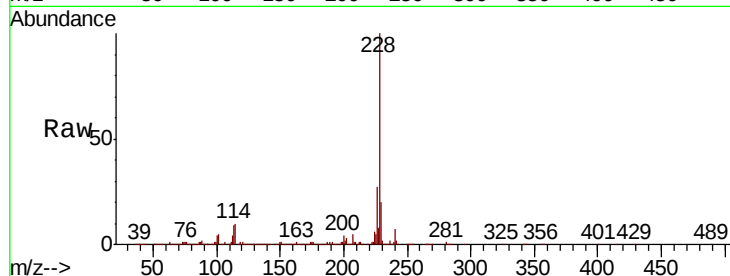
Tot Ion:228 Resp: 2012936

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.4  | 22.0  | 33.0  |
| 229 | 19.7  | 15.9  | 23.9  |

228 100

226 27.4 22.0 33.0

229 19.7 15.9 23.9

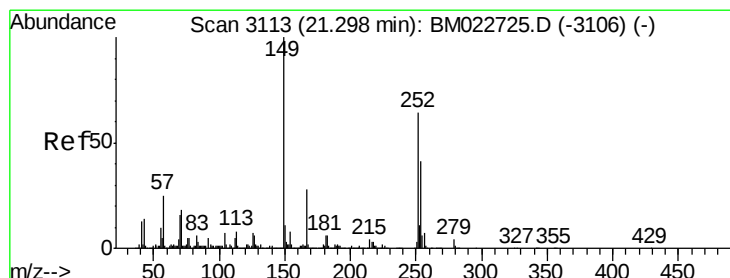
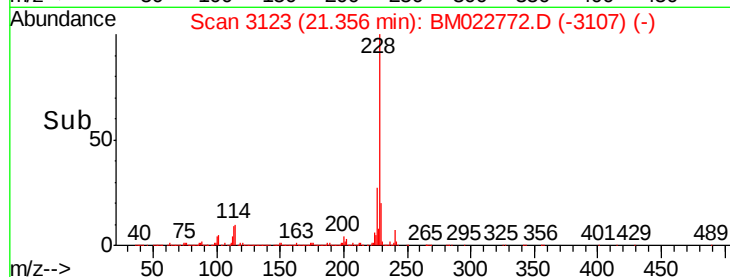
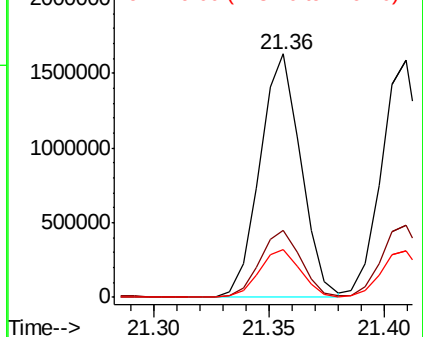


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.456 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

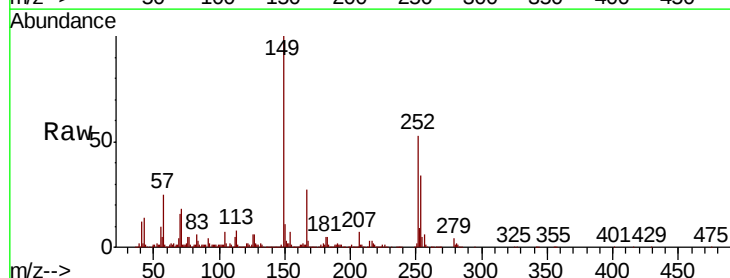
Tgt Ion:252 Resp: 653504

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.2  | 51.7  | 77.5  |
| 126 | 11.0  | 8.3   | 12.5  |

252 100

254 64.2 51.7 77.5

126 11.0 8.3 12.5

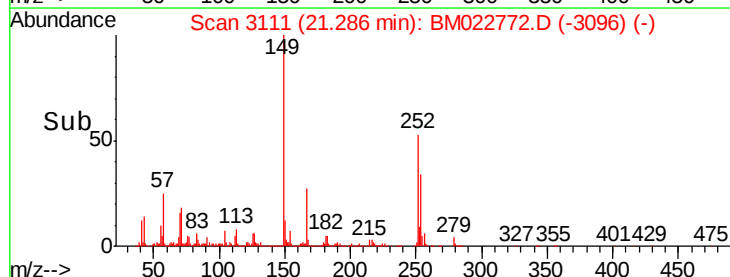
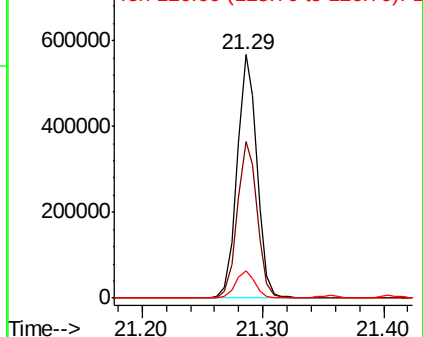


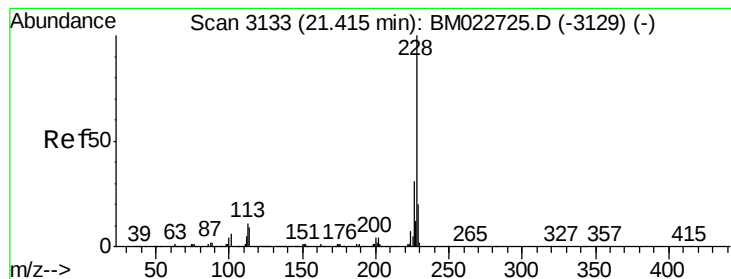
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.946 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

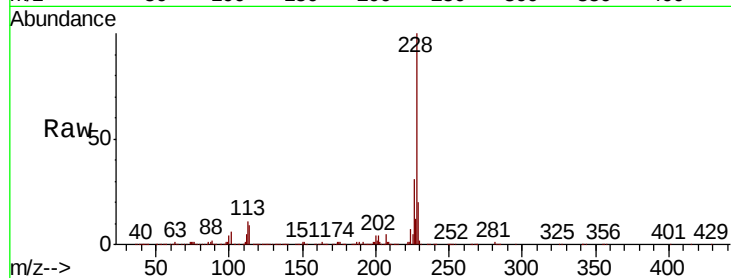
Tot Ion:228 Resp: 1944540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.6  | 24.5  | 36.7  |
| 229 | 19.7  | 15.9  | 23.9  |

228 100

226 30.6 24.5 36.7

229 19.7 15.9 23.9

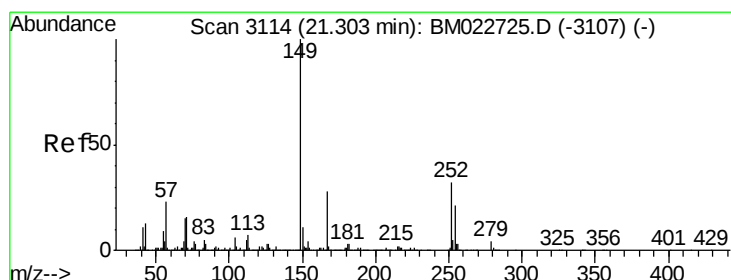
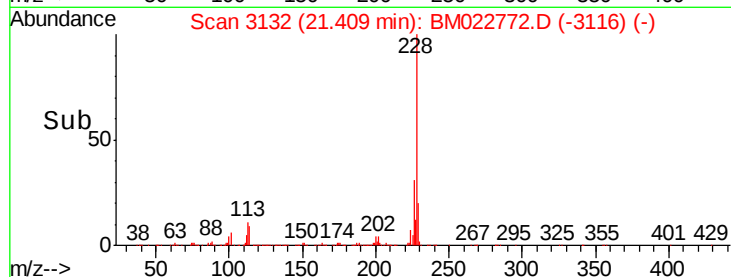
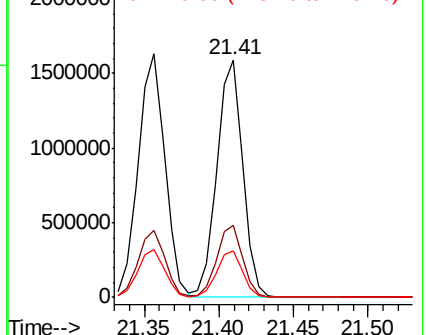


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.884 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

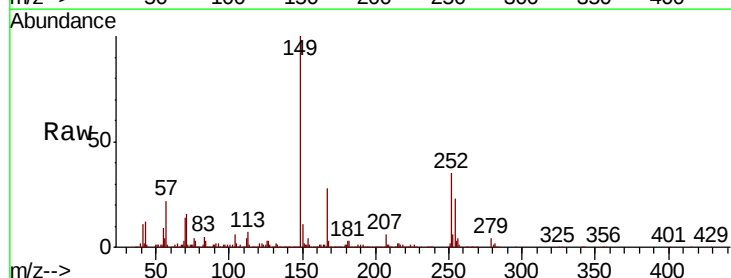
Tgt Ion:149 Resp: 1432976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.6  | 22.1  | 33.1  |
| 279 | 4.4   | 3.4   | 5.0   |

149 100

167 27.6 22.1 33.1

279 4.4 3.4 5.0

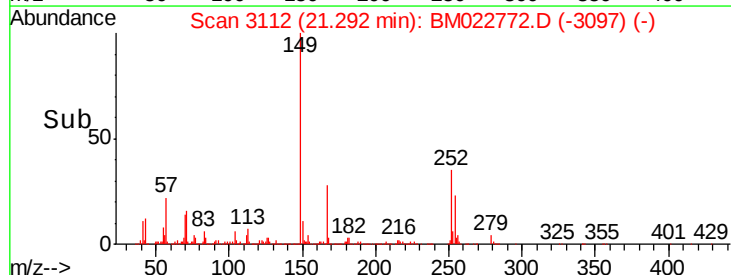
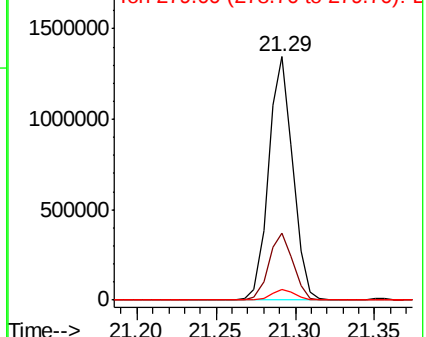


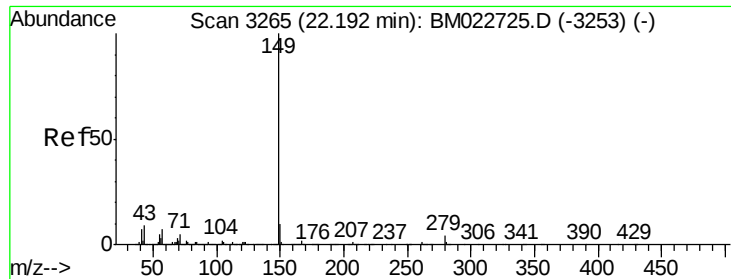
Abundance

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: 51.569 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

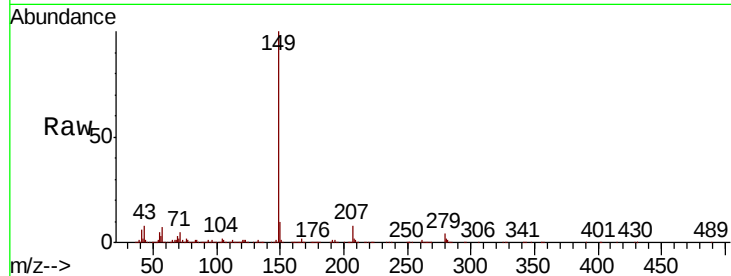
Tot Ion:149 Resp: 2185694

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

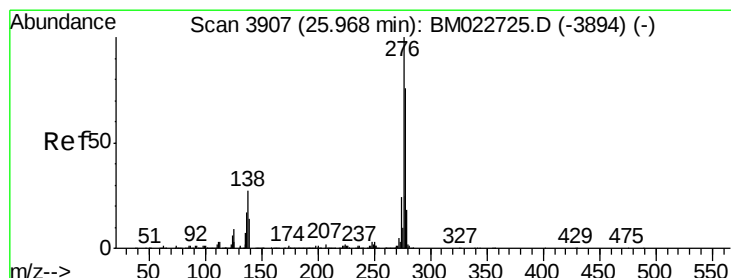
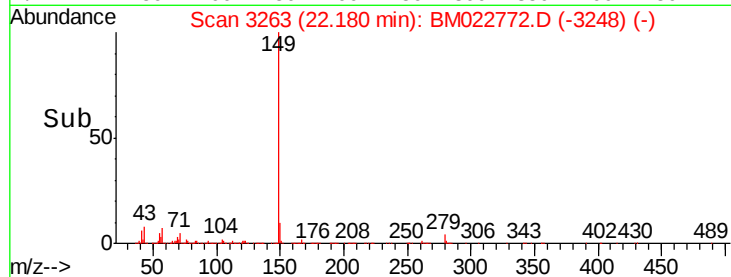
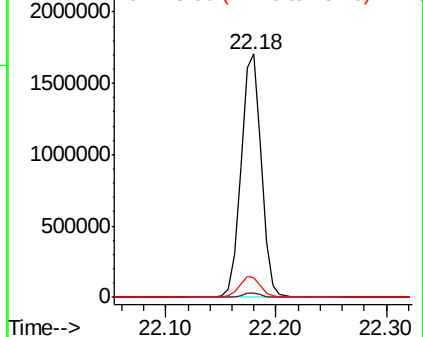
43 8.6 7.4 11.0



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.738 ng

RT: 25.95 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

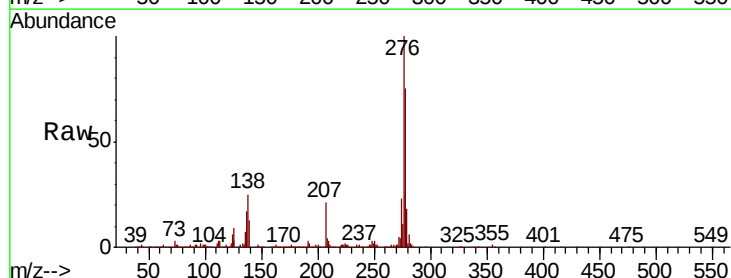
Tgt Ion:276 Resp: 2039480

Ion Ratio Lower Upper

276 100

138 25.4 0.0 0.0#

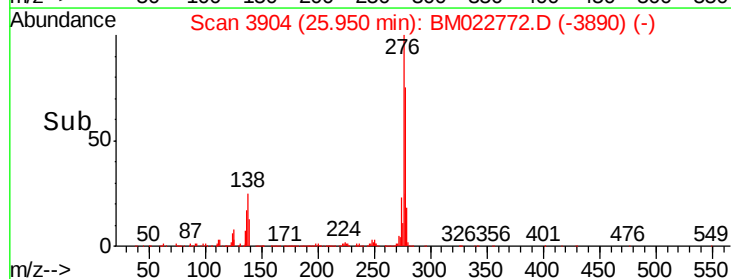
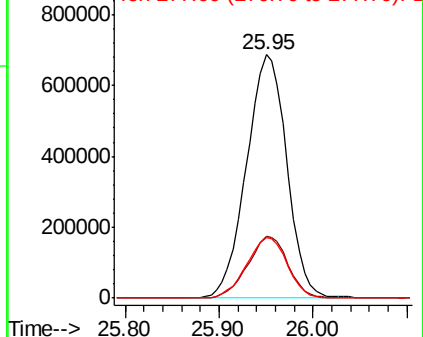
277 25.1 0.0 0.0#

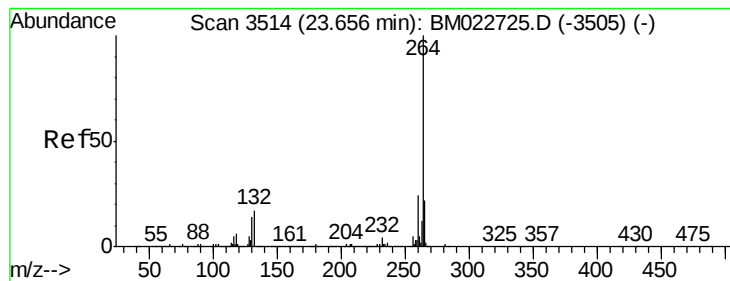


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

Instrument :

BNA\_M

ClientSampleId :

PB123298BSD

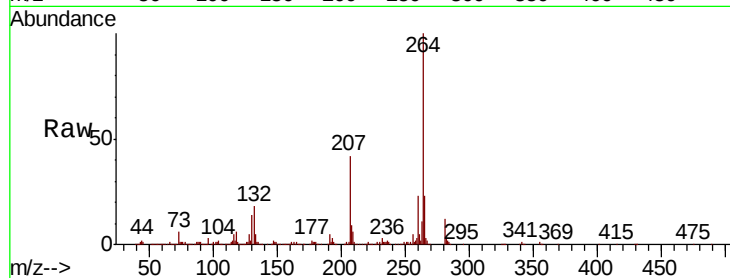
Tot Ion:264 Resp: 658583

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

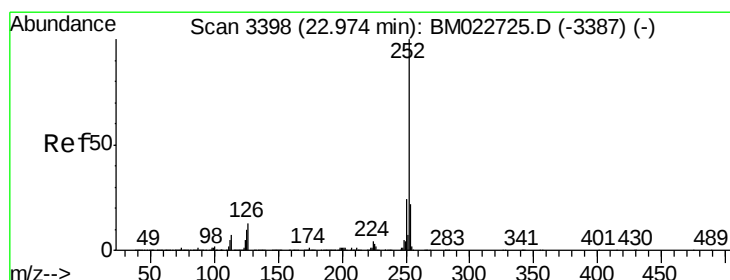
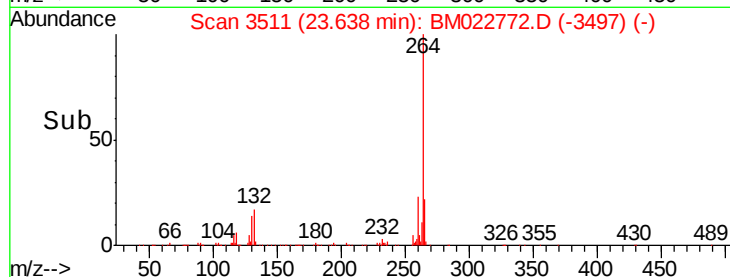
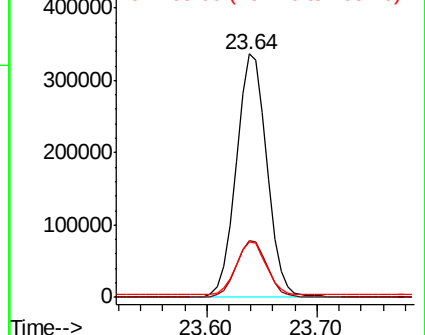
265 22.8 17.9 26.9



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: 46.177 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

Lab File: BM022772.D

Acq: 25 Sep 2019 15:26

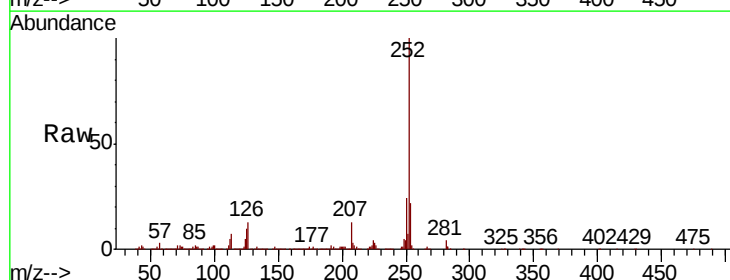
Tgt Ion:252 Resp: 1841314

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

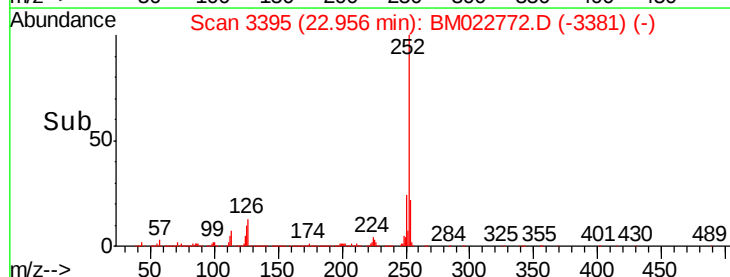
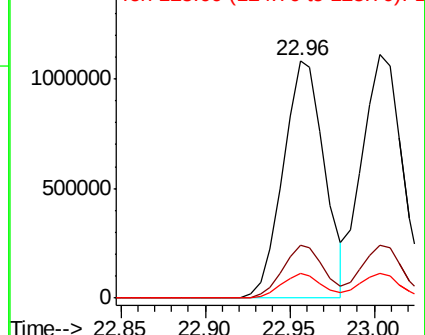
125 10.2 8.2 12.4

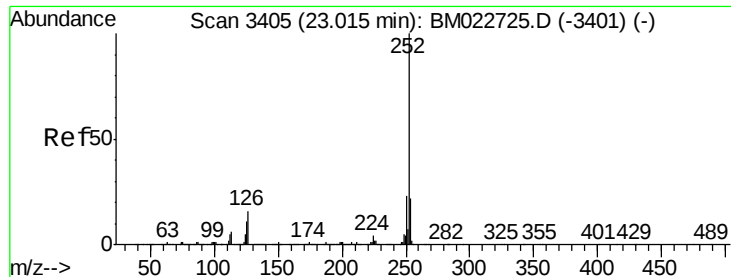


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

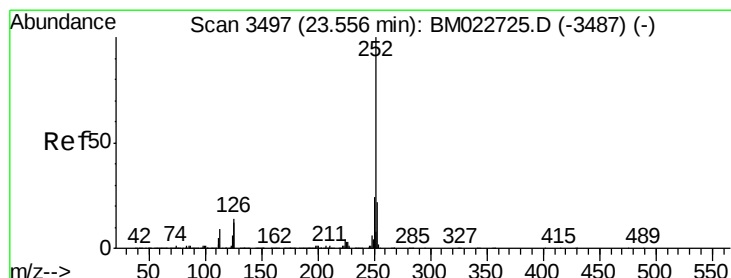
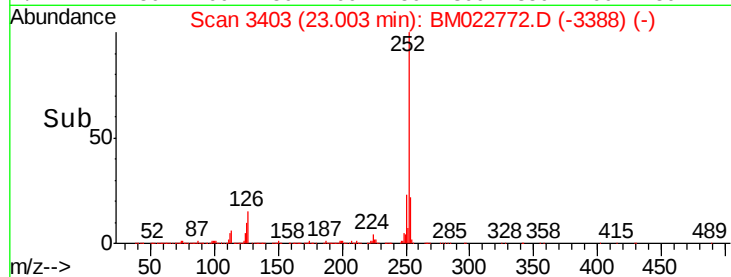
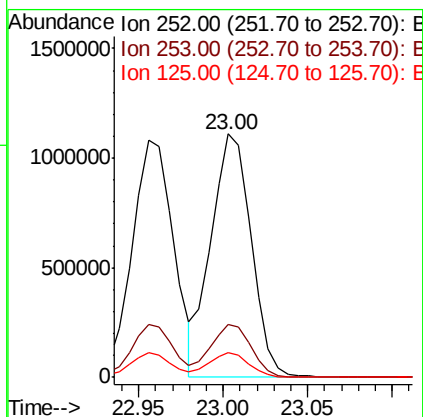
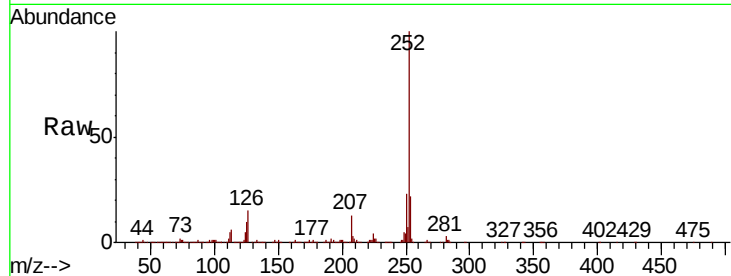




#89  
Benzo(k)fluoranthene  
Concen: 46.397 ng  
RT: 23.00 min Scan# 3403  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

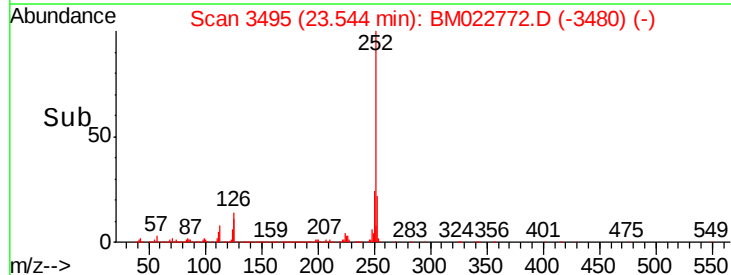
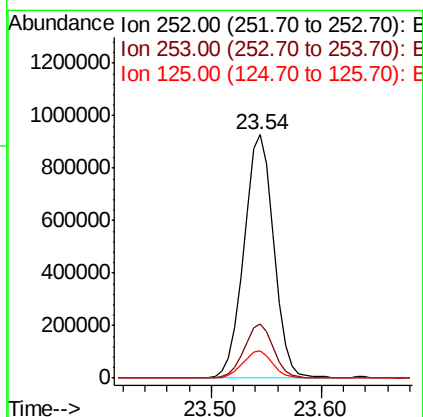
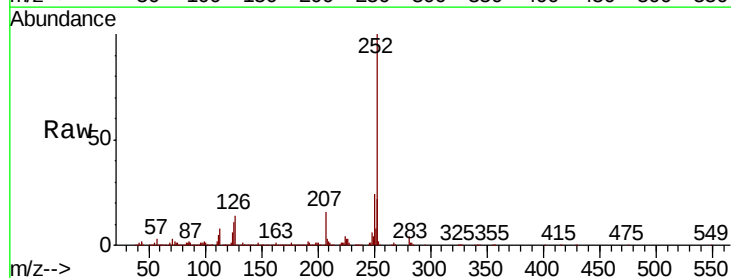
Instrument :  
BNA\_M  
ClientSampleId :  
PB123298BSD

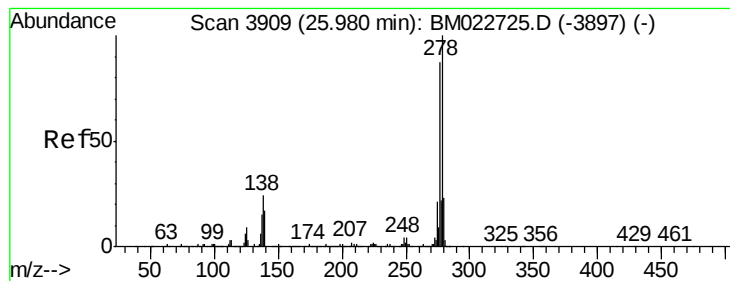
Tot Ion:252 Resp: 1835697  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.7 26.5  
125 10.3 8.5 12.7



#90  
Benzo(a)pyrene  
Concen: 47.867 ng  
RT: 23.54 min Scan# 3495  
Delta R.T. -0.01 min  
Lab File: BM022772.D  
Acq: 25 Sep 2019 15:26

Tgt Ion:252 Resp: 1758809  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 11.2 9.3 13.9

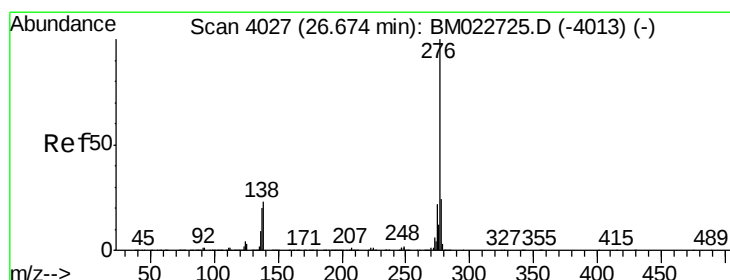
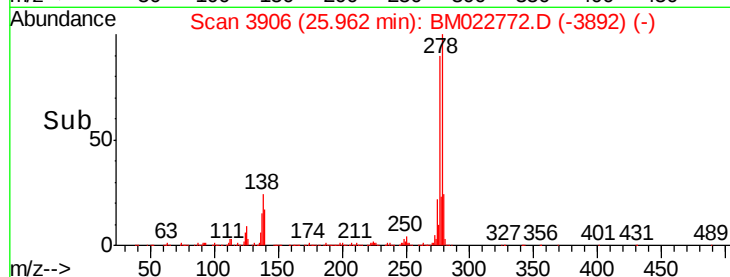
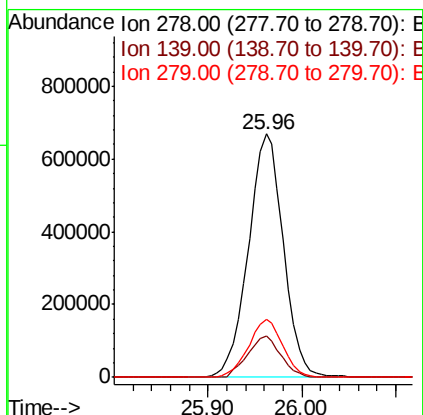
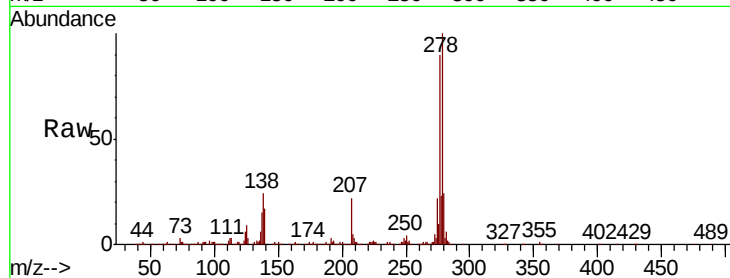




#91  
 Dibenzo(a,h)anthracene  
 Concen: 44.780 ng  
 RT: 25.96 min Scan# 3906  
 Delta R.T. -0.02 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB123298BSD

Tot Ion:278 Resp: 1721054  
 Ion Ratio Lower Upper  
 278 100  
 139 16.8 13.7 20.5  
 279 24.1 18.6 28.0



#92  
 Benzo(g,h,i)perylene  
 Concen: 46.138 ng  
 RT: 26.66 min Scan# 4024  
 Delta R.T. -0.02 min  
 Lab File: BM022772.D  
 Acq: 25 Sep 2019 15:26

Tgt Ion:276 Resp: 1684232  
 Ion Ratio Lower Upper  
 276 100  
 277 23.8 19.1 28.7  
 138 21.9 18.5 27.7

