

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011520\  
 Data File : BM024479.D  
 Acq On : 15 Jan 2020 18:45  
 Operator : JU  
 Sample : SSTD01006  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 16 01:09:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 16 01:05:53 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.46  | 152  | 167521   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.22 | 136  | 753104   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.11 | 164  | 588110   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.86 | 188  | 1391823  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 1425580  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.19 | 264  | 1447814  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.06  | 96  | 13615  | 3.51  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.65  | 99  | 104478 | 7.99  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.81  | 67  | 65994  | 8.60  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 99722  | 9.02  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.17  | 113 | 100063 | 9.52  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.60  | 128 | 48774  | 8.64  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.32  | 143 | 50451  | 9.32  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 116739 | 9.83  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 142790 | 10.66 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.53 | 166 | 447213 | 10.59 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.79 | 160 | 509451 | 9.34  | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.32 | 143 | 64048  | 8.60  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.11 | 176 | 392886 | 10.49 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 57537  | 9.23  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.96 | 188 | 631589 | 9.69  | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.26 | 212 | 729937 | 9.58  | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.06 | 264 | 707957 | 9.58  | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.10  | 88  | 13783  | 3.531  | ng/uL 89  |
| 4) Benzaldehyde                | 6.62  | 77  | 80770  | 11.165 | ng/ul 97  |
| 6) Phenol                      | 6.68  | 94  | 109184 | 8.190  | ng/ul 98  |
| 8) Bis(2-Chloroethyl)ether     | 6.90  | 93  | 93329  | 8.933  | ng/ul 96  |
| 10) 2-Chlorophenol             | 7.03  | 128 | 98456  | 8.932  | ng/ul 99  |
| 11) 2-Methylphenol             | 7.91  | 108 | 90198  | 8.994  | ng/ul 95  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.00  | 45  | 112499 | 8.004  | ng/ul 99  |
| 14) Acetophenone               | 8.27  | 105 | 170748 | 10.565 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.27  | 70  | 82828  | 10.133 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.23  | 108 | 102348 | 9.533  | ng/ul 95  |
| 17) Hexachloroethane           | 8.53  | 117 | 45613  | 9.492  | ng/ul 97  |
| 20) Nitrobenzene               | 8.64  | 77  | 125188 | 9.023  | ng/ul 98  |
| 21) Isophorone                 | 9.17  | 82  | 243735 | 9.625  | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.35  | 139 | 56724  | 9.505  | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.43  | 107 | 130569 | 9.615  | ng/ul 97  |
| 25) Bis(2-Chloroethoxy)methane | 9.66  | 93  | 142120 | 9.371  | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 9.88  | 162 | 117888 | 10.367 | ng/ul 97  |
| 28) Naphthalene                | 10.27 | 128 | 378561 | 9.725  | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.39 | 127 | 142217 | 10.850 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.58 | 225 | 96541  | 11.695 | ng/ul 95  |
| 32) Caprolactam                | 11.14 | 113 | 34065  | 9.849  | ng/ul 87  |
| 33) 4-Chloro-3-methylphenol    | 11.52 | 107 | 124454 | 10.472 | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 11.90 | 142 | 293182 | 10.872 | ng/ul 100 |

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 BNA\_M  
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Quant Time: Jan 16 01:09:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 16 01:05:53 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.12 | 142  | 298125   | 11.048 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.28 | 216  | 184208   | 9.546  | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.27 | 237  | 119194   | 8.438  | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.52 | 196  | 110317   | 9.659  | ng/ul  | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.59 | 196  | 115936   | 9.443  | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 12.93 | 154  | 411479   | 9.120  | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 12.97 | 162  | 330235   | 9.132  | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.17 | 65   | 70317    | 8.014  | ng/ul  | 97       |
| 45) Dimethylphthalate          | 13.58 | 163  | 465245   | 10.733 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 13.69 | 165  | 79305    | 10.200 | ng/ul  | 98       |
| 48) Acenaphthylene             | 13.82 | 152  | 526154   | 9.362  | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.01 | 138  | 66820    | 9.259  | ng/ul  | 99       |
| 50) Acenaphthene               | 14.17 | 153  | 357328   | 9.562  | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.22 | 184  | 32639    | 9.771  | ng/ul  | 95       |
| 53) 4-Nitrophenol              | 14.33 | 109  | 62733    | 9.656  | ng/ul  | 95       |
| 54) Dibenzofuran               | 14.51 | 168  | 527091   | 10.215 | ng/ul  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.47 | 165  | 121489   | 11.264 | ng/ul# | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.74 | 232  | 116468   | 11.865 | ng/ul  | 98       |
| 57) Diethylphthalate           | 14.96 | 149  | 464048   | 10.887 | ng/ul  | 99       |
| 59) Fluorene                   | 15.17 | 166  | 439595   | 10.315 | ng/ul  | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.17 | 204  | 249755   | 11.235 | ng/ul  | 98       |
| 61) 4-Nitroaniline             | 15.18 | 138  | 78467    | 9.106  | ng/ul  | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.24 | 198  | 61909    | 9.062  | ng/ul# | 98       |
| 65) N-Nitrosodiphenylamine     | 15.39 | 169  | 376549   | 9.099  | ng/ul  | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.06 | 248  | 157988   | 10.087 | ng/ul  | 93       |
| 67) Hexachlorobenzene          | 16.17 | 284  | 184488   | 10.136 | ng/ul  | 99       |
| 68) Atrazine                   | 16.35 | 200  | 148770   | 9.672  | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.52 | 266  | 91358    | 9.235  | ng/ul  | 97       |
| 70) Phenanthrene               | 16.90 | 178  | 729787   | 9.614  | ng/ul  | 100      |
| 72) Anthracene                 | 16.99 | 178  | 744618   | 9.573  | ng/ul  | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.89 | 216  | 189404   | 8.562  | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.43 | 250  | 203795   | 9.566  | ng/uL  | 97       |
| 75) Carbazole                  | 17.26 | 167  | 607285   | 9.045  | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 17.86 | 149  | 770046   | 9.792  | ng/ul  | 98       |
| 77) Fluoranthene               | 18.93 | 202  | 901004   | 10.205 | ng/ul  | 98       |
| 80) Pvrene                     | 19.29 | 202  | 938983   | 9.526  | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.23 | 149  | 301300   | 8.492  | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 20.99 | 252  | 284196   | 8.650  | ng/ul  | 100      |
| 83) Benzo(a)anthracene         | 21.05 | 228  | 945584   | 9.735  | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 497458   | 9.216  | ng/ul  | 100      |
| 85) Chrysene                   | 21.10 | 228  | 905793   | 9.666  | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 21.89 | 149  | 788814   | 9.808  | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.56 | 252  | 904615   | 10.234 | ng/ul  | 100      |
| 89) Benzo(k)fluoranthene       | 22.60 | 252  | 884389   | 10.205 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.10 | 252  | 790067   | 9.641  | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.26 | 276  | 836338   | 7.920  | ng/ul  | 96       |
| 93) Dibenzo(a,h)anthracene     | 25.27 | 278  | 703632   | 7.858  | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 25.89 | 276  | 668392   | 7.548  | ng/ul  | 99       |

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Acq On : 15 Jan 2020 18:45  
Operator : JU  
Sample : SSTD01006  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

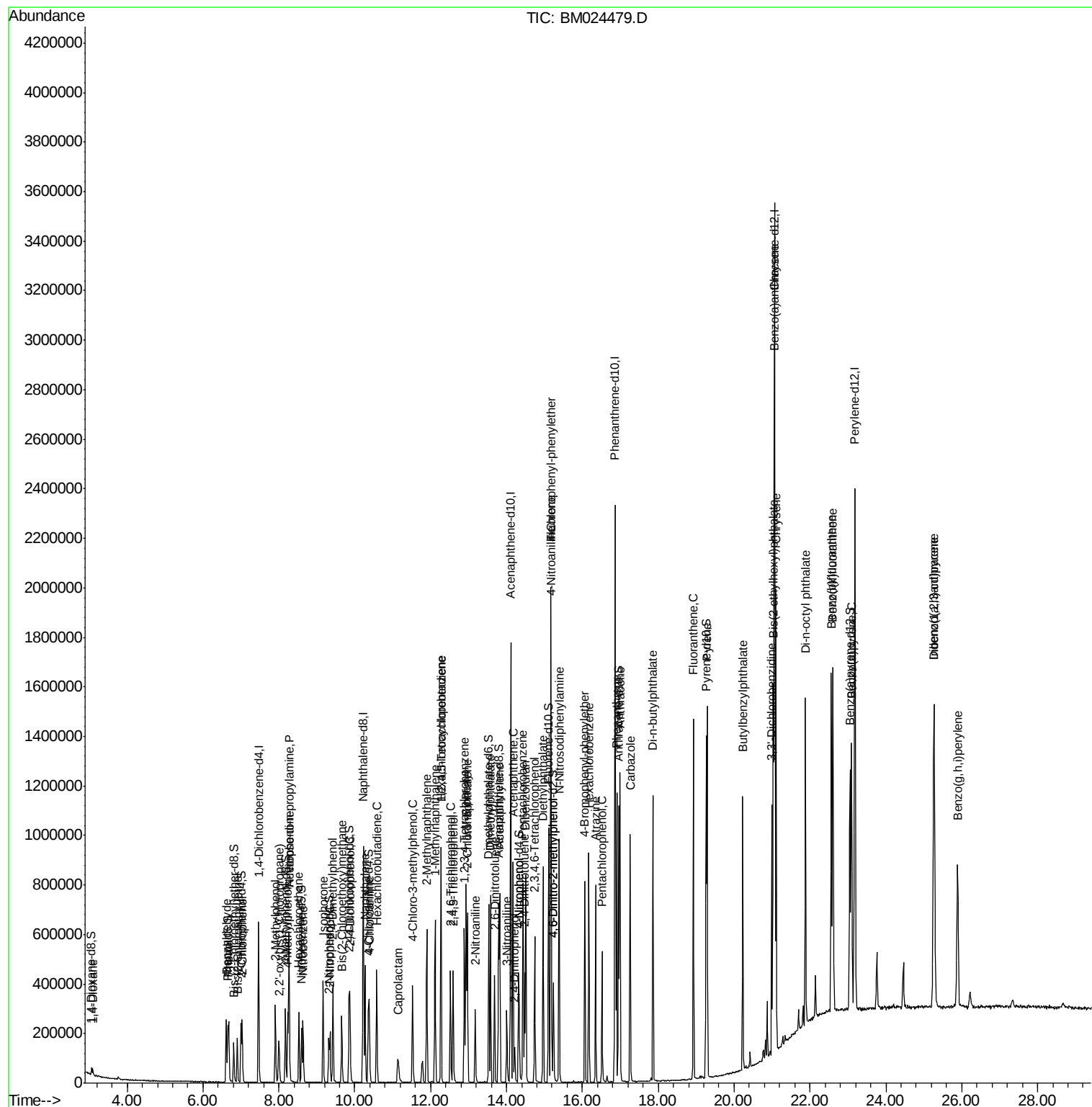
Quant Time: Jan 16 01:09:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011520MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 16 01:05:53 2020  
Response via : Initial Calibration

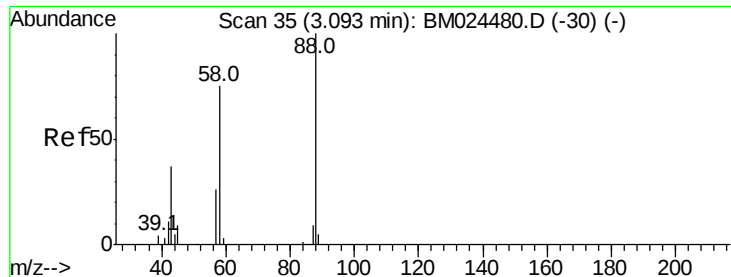
| Internal Standards                                                      | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                   |      |      |          |      |       |          |
| (#)= qualifier out of range (m)= manual integration (+)= signals summed |      |      |          |      |       |          |

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Data File : BM024479.D  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :

Quant Time: Jan 16 01:09:38 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011520MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 16 01:05:53 2020  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 3.531 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. 0.01 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

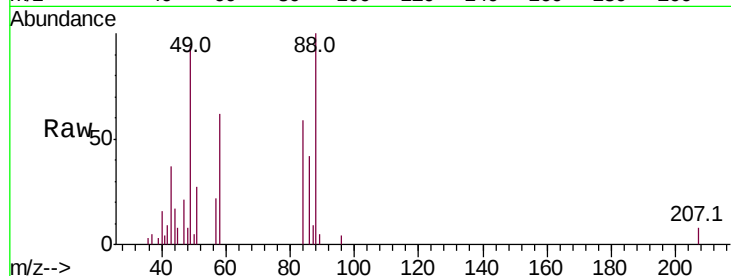
Tot Ion: 88 Resp: 13783

Ion Ratio Lower Upper

88 100

43 37.2 31.7 47.5

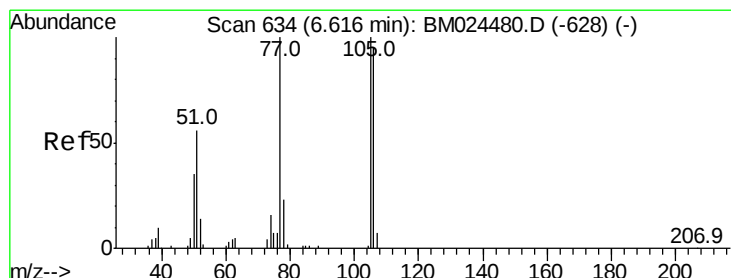
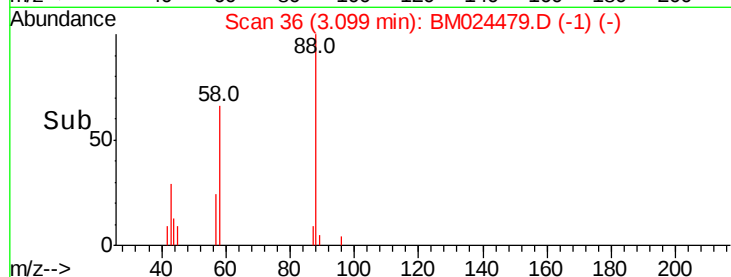
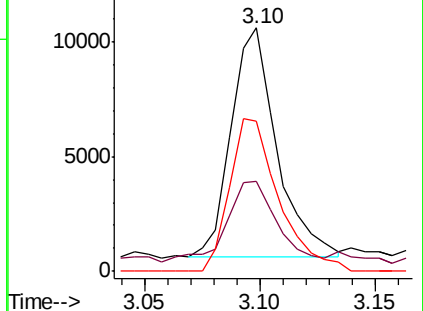
58 61.8 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): BM024479.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM024479.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM024479.D (-1) (-)



#4

Benzaldehyde

Concen: 11.165 ng/uL

RT: 6.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

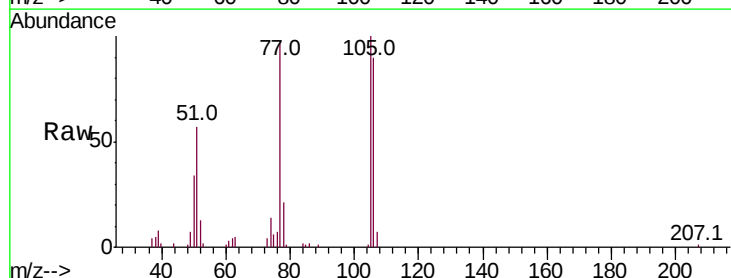
Tgt Ion: 77 Resp: 80770

Ion Ratio Lower Upper

77 100

105 103.1 80.1 120.1

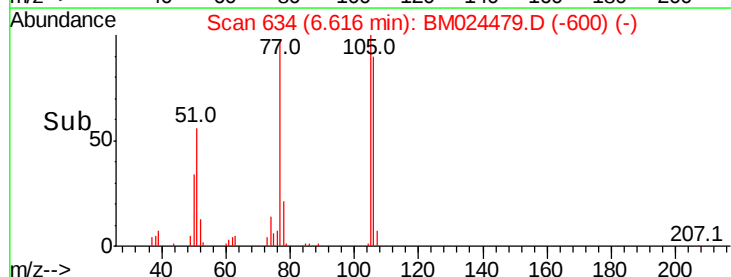
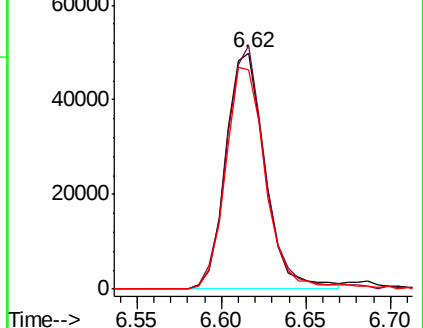
106 92.9 76.0 114.0

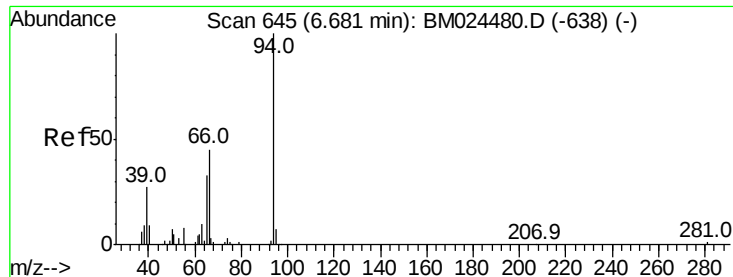


Abundance Ion 77.00 (76.70 to 77.70): BM024479.D (-600) (-)

Ion 105.00 (104.70 to 105.70): BM024479.D (-600) (-)

Ion 106.00 (105.70 to 106.70): BM024479.D (-600) (-)





#6

Phenol

Concen: 8.190 ng/ul

RT: 6.68 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

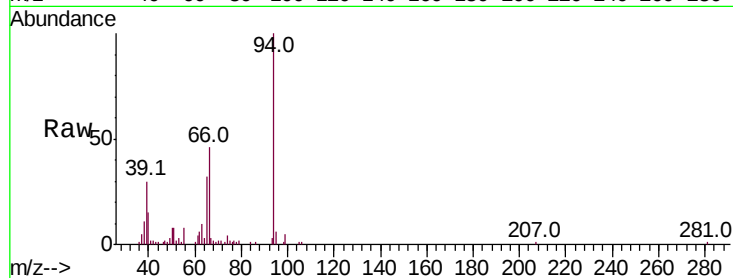
Tot Ion: 94 Resp: 109184

Ion Ratio Lower Upper

94 100

65 31.8 26.7 40.1

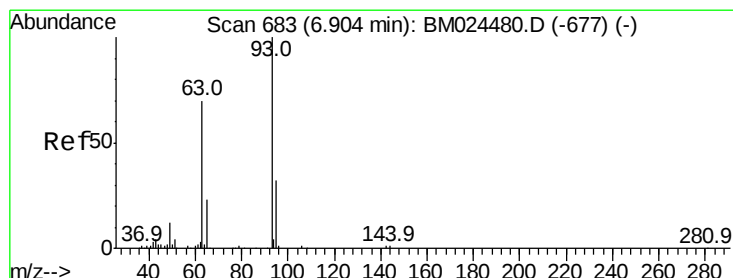
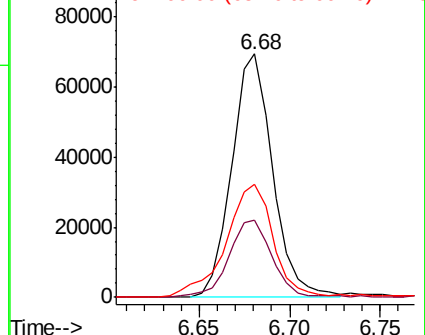
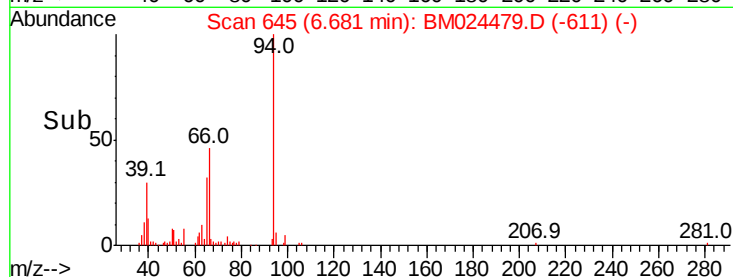
66 46.4 38.1 57.1



Abundance Ion 94.00 (93.70 to 94.70): BM024479.D (-611) (-)

Ion 65.00 (64.70 to 65.70): BM024479.D (-611) (-)

Ion 66.00 (65.70 to 66.70): BM024479.D (-611) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 8.933 ng/ul

RT: 6.90 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

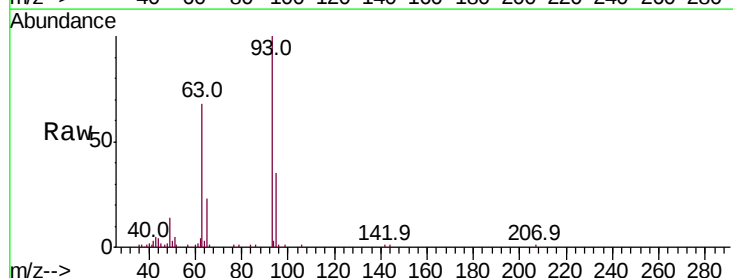
Tgt Ion: 93 Resp: 93329

Ion Ratio Lower Upper

93 100

63 67.5 56.2 84.4

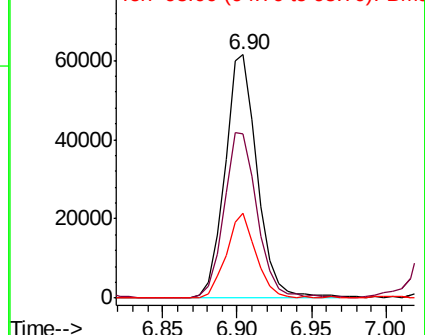
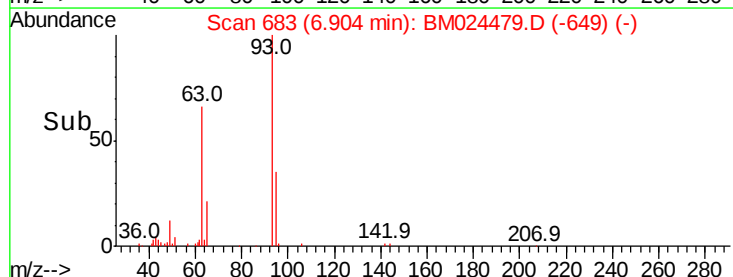
95 34.7 25.4 38.0

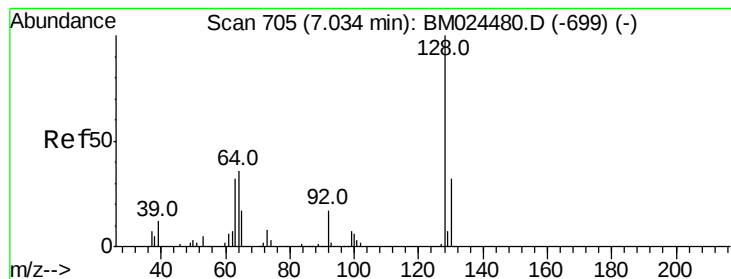


Abundance Ion 93.00 (92.70 to 93.70): BM024479.D (-649) (-)

Ion 63.00 (62.70 to 63.70): BM024479.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BM024479.D (-649) (-)





#10

2-Chlorophenol

Concen: 8.932 ng/ul

RT: 7.03 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

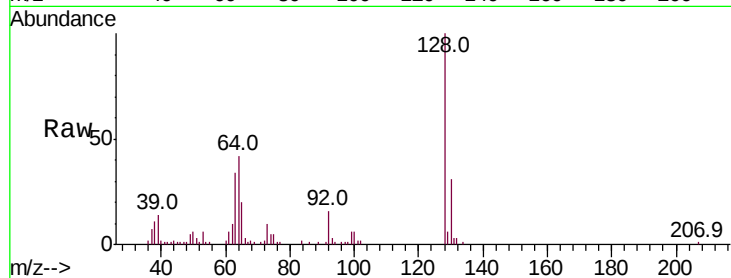
Tot Ion:128 Resp: 98456

Ion Ratio Lower Upper

128 100

64 42.1 34.0 51.0

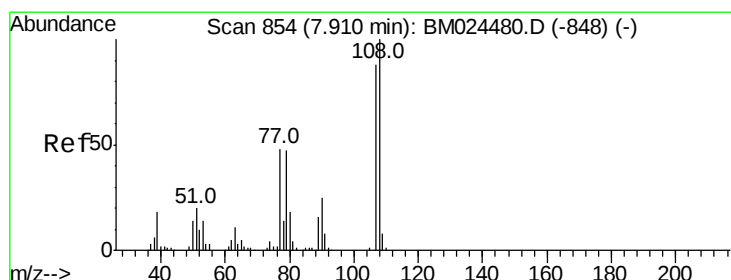
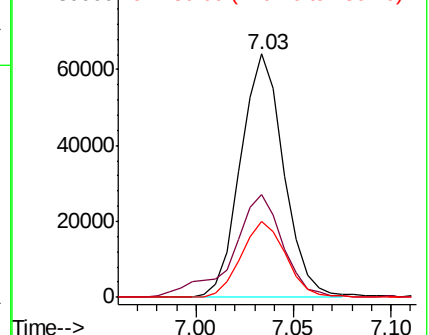
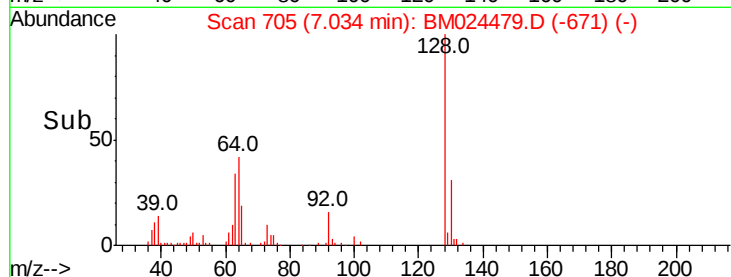
130 31.4 25.4 38.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 8.994 ng/ul

RT: 7.91 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM024479.D

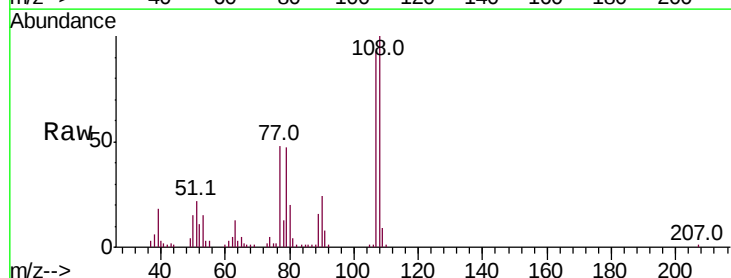
Acq: 15 Jan 2020 18:45

Tgt Ion:108 Resp: 90198

Ion Ratio Lower Upper

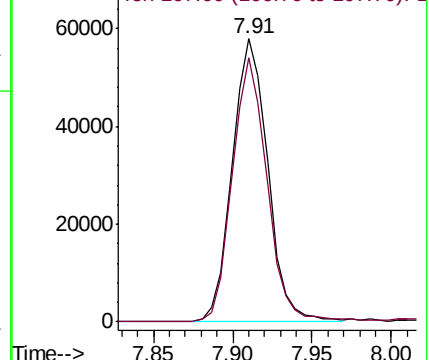
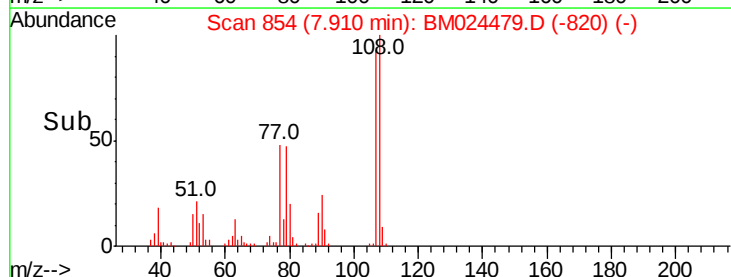
108 100

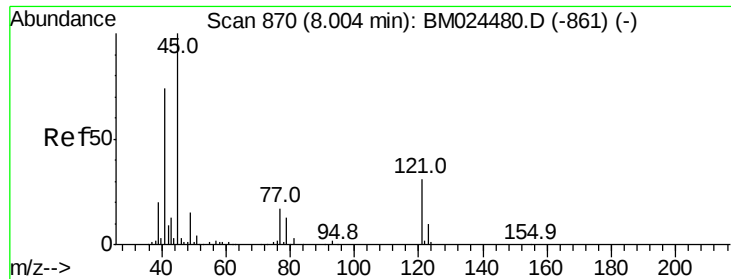
107 93.2 70.6 105.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

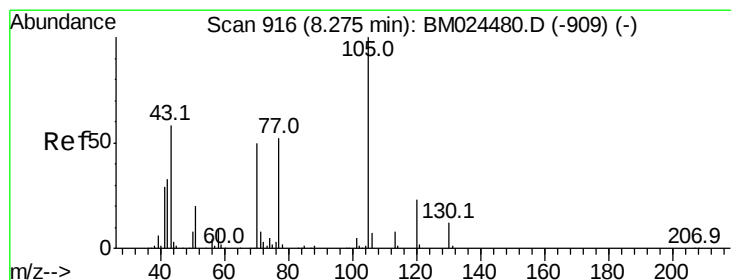
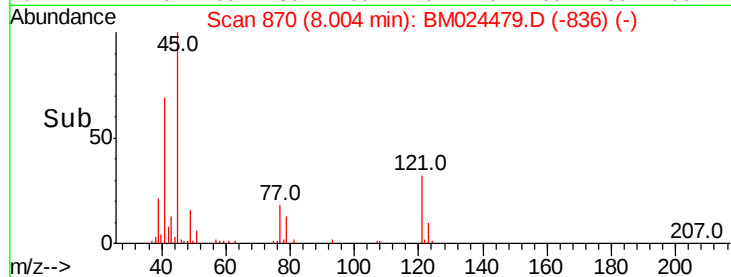
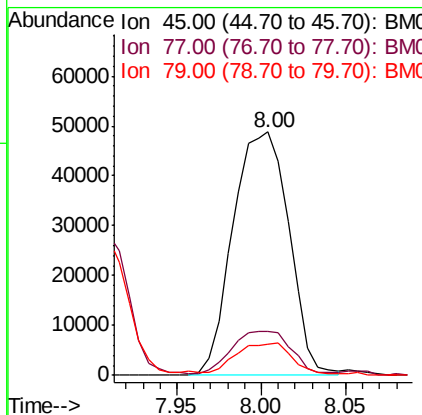
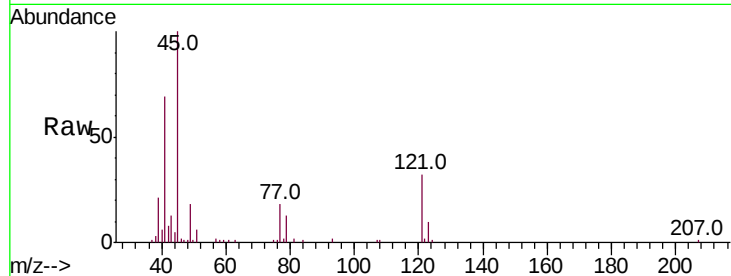




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 8.004 ng/ul  
RT: 8.00 min Scan# 870  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

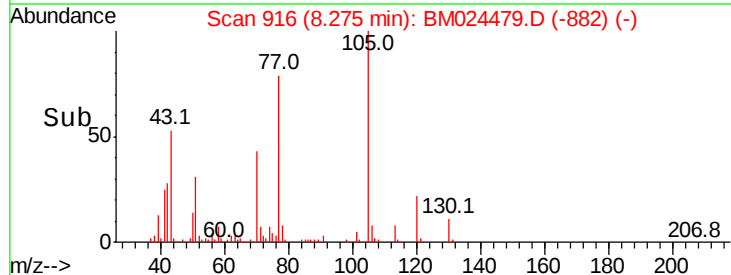
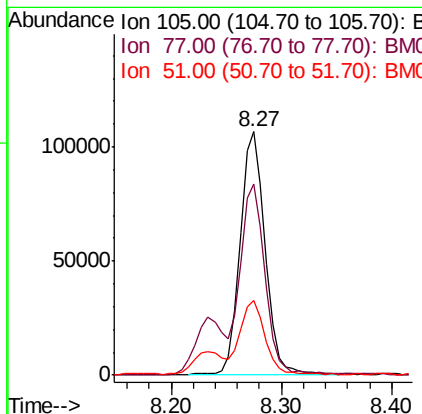
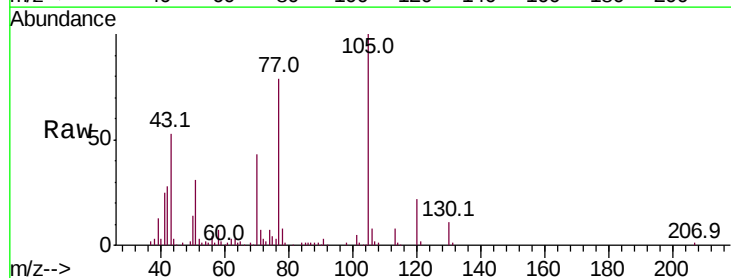
Instrument :  
BNA\_M  
ClientSampleId :

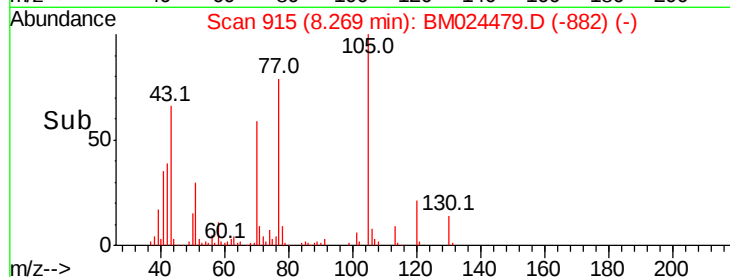
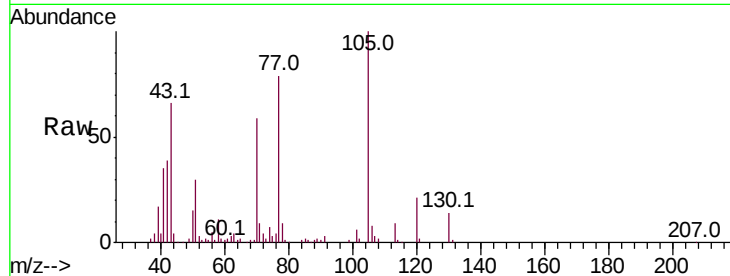
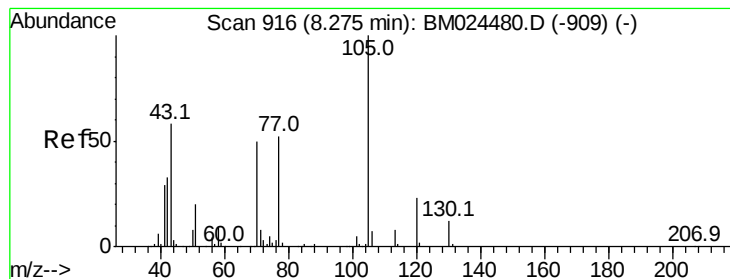
Tot Ion: 45 Resp: 112499  
Ion Ratio Lower Upper  
45 100  
77 18.2 14.5 21.7  
79 12.8 11.2 16.8



#14  
Acetophenone  
Concen: 10.565 ng/ul  
RT: 8.27 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Tgt Ion: 105 Resp: 170748  
Ion Ratio Lower Upper  
105 100  
77 78.5 60.6 90.8  
51 30.7 24.4 36.6





#15

N-Nitroso-di-n-propylamine

Concen: 10.133 ng/ul

RT: 8.27 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 82828

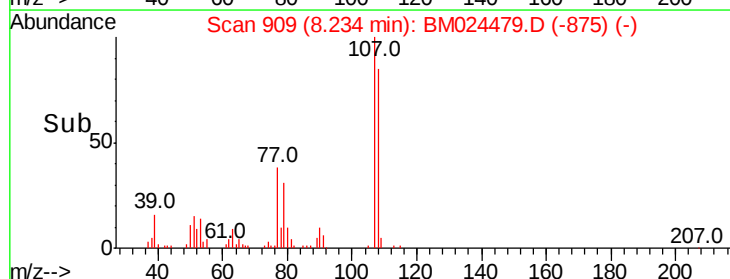
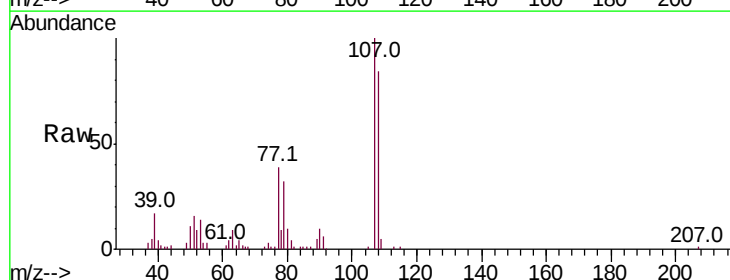
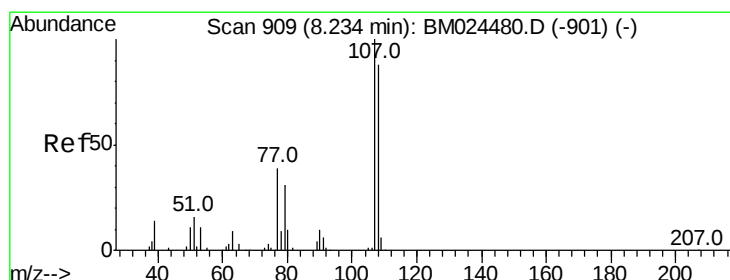
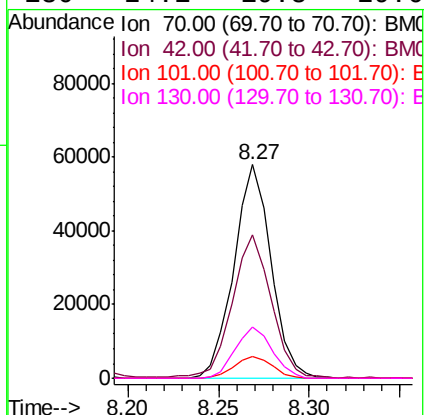
Ion Ratio Lower Upper

70 100

42 66.9 54.1 81.1

101 10.1 8.6 12.8

130 24.1 19.8 29.6



#16

4-Methylphenol

Concen: 9.533 ng/ul

RT: 8.23 min Scan# 909

Delta R.T. -0.00 min

Lab File: BM024479.D

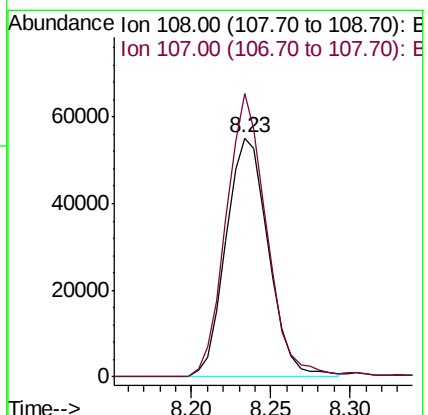
Acq: 15 Jan 2020 18:45

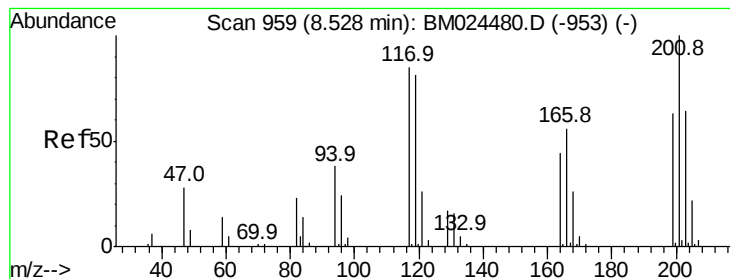
Tgt Ion:108 Resp: 102348

Ion Ratio Lower Upper

108 100

107 118.4 90.5 135.7





#17

Hexachloroethane

Concen: 9.492 ng/ul

RT: 8.53 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

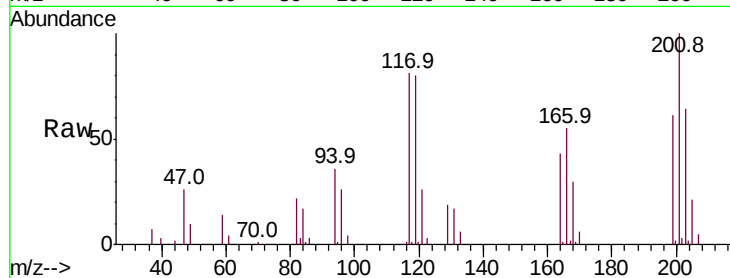
Tot Ion:117 Resp: 45613

Ion Ratio Lower Upper

117 100

201 122.9 94.6 141.8

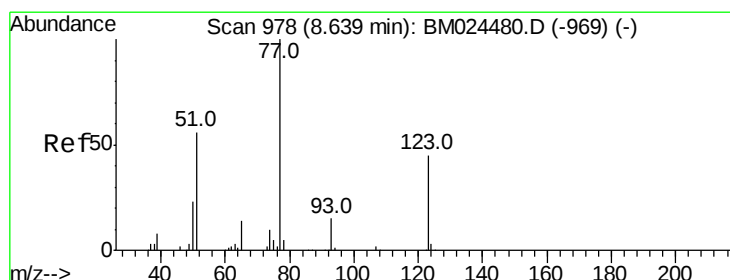
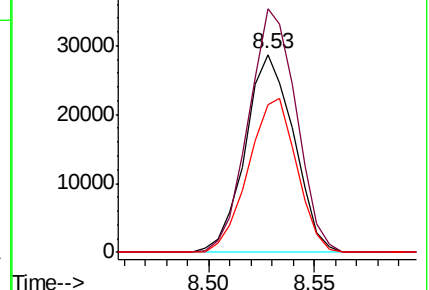
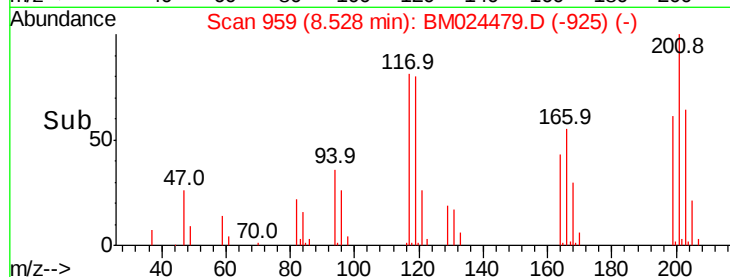
199 74.6 59.1 88.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 9.023 ng/ul

RT: 8.64 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

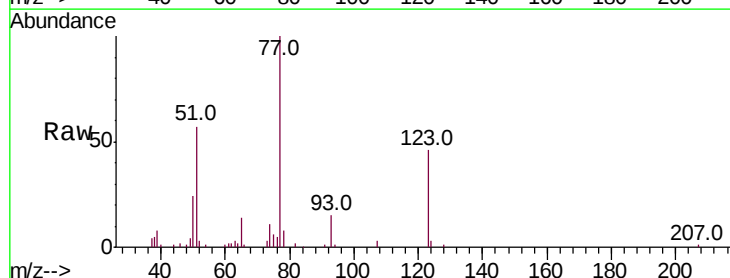
Tgt Ion: 77 Resp: 125188

Ion Ratio Lower Upper

77 100

123 46.4 35.7 53.5

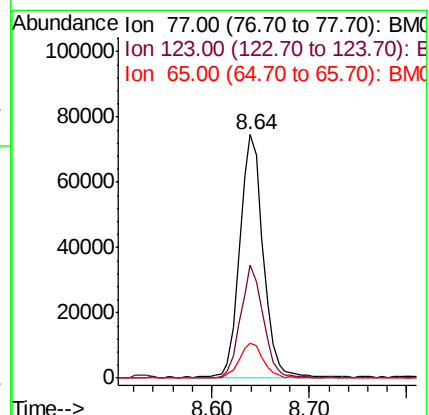
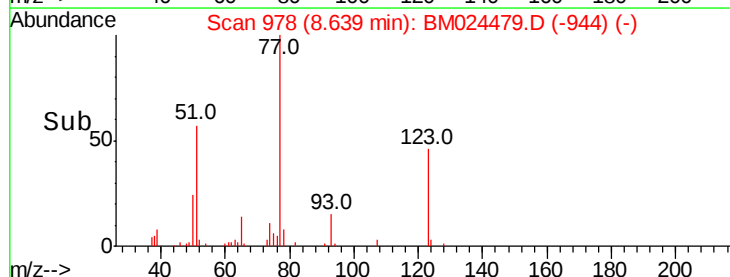
65 14.4 11.5 17.3

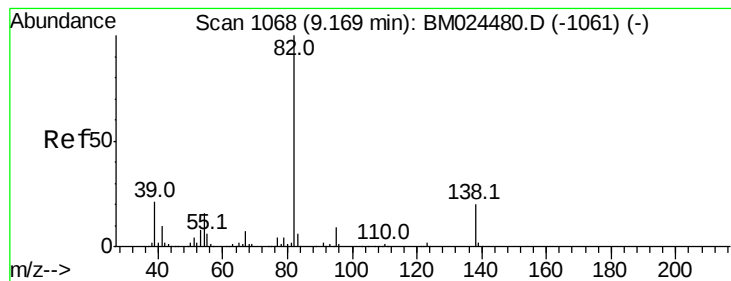


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 9.625 ng/ul

RT: 9.17 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampled :

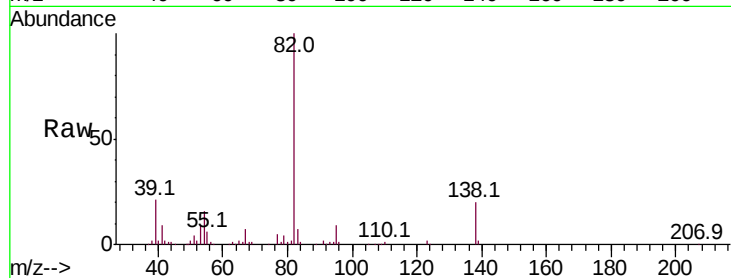
Tot Ion: 82 Resp: 243735

Ion Ratio Lower Upper

82 100

95 8.8 7.2 10.8

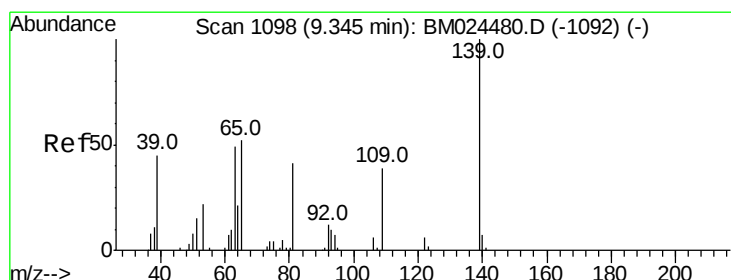
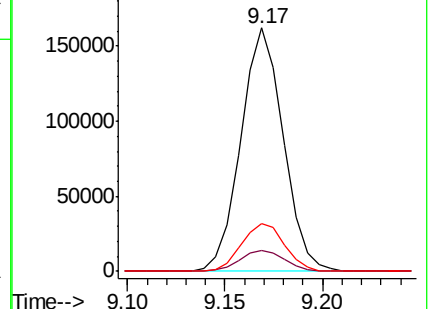
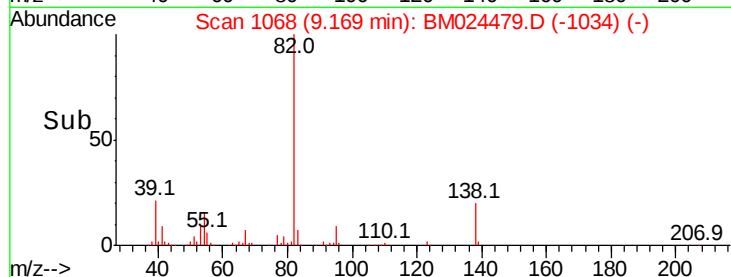
138 19.6 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BM024480.D (-1061) (-)

Ion 95.00 (94.70 to 95.70): BM024480.D (-1061) (-)

Ion 138.00 (137.70 to 138.70): BM024480.D (-1061) (-)



#23

2-Nitrophenol

Concen: 9.505 ng/ul

RT: 9.35 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

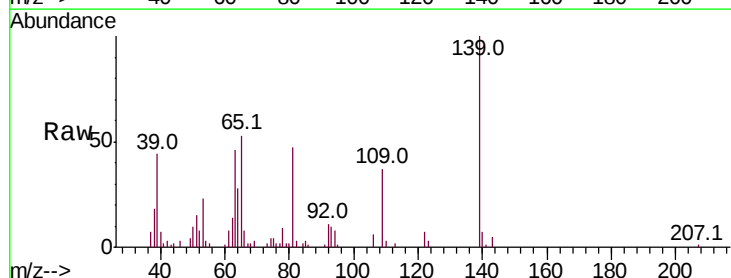
Tgt Ion: 139 Resp: 56724

Ion Ratio Lower Upper

139 100

65 53.4 43.9 65.9

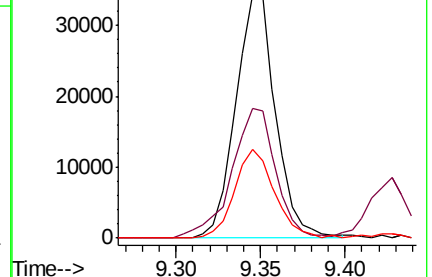
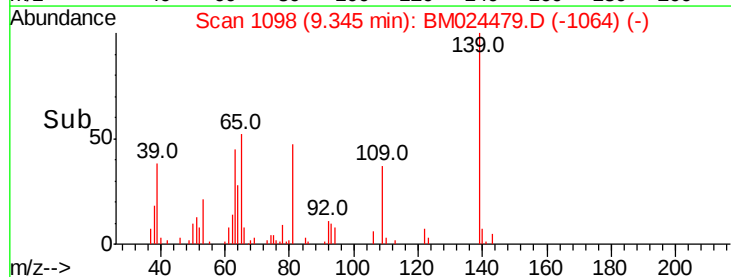
109 36.7 31.4 47.0

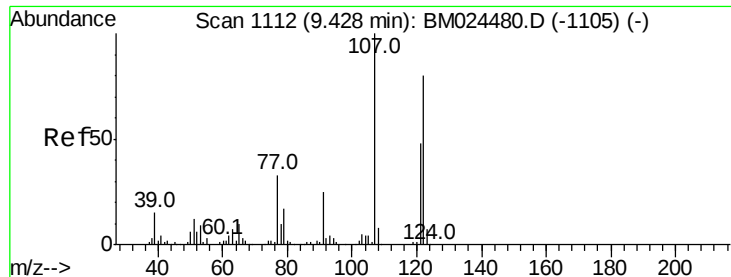


Abundance Ion 139.00 (138.70 to 139.70): BM024480.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM024480.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM024480.D (-1092) (-)

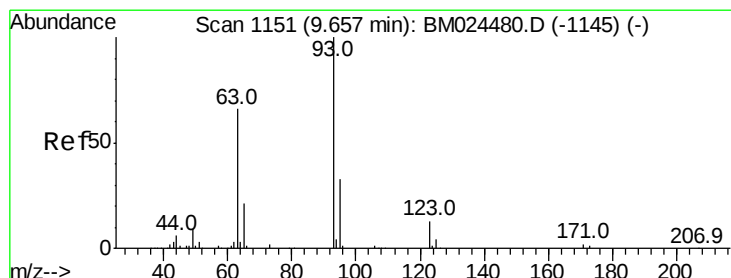
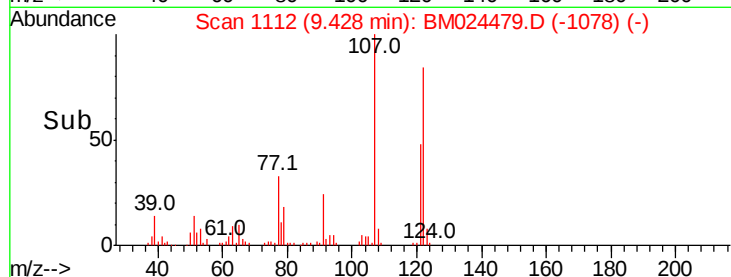
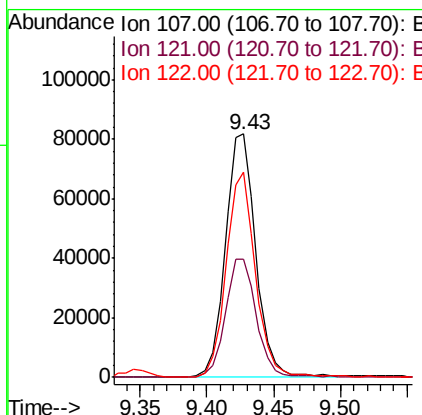
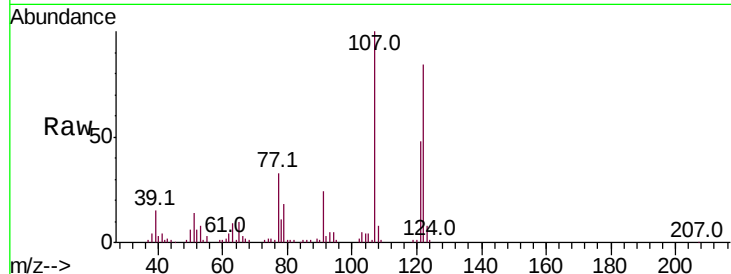




#24  
 2,4-Dimethylphenol  
 Concen: 9.615 ng/ul  
 RT: 9.43 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

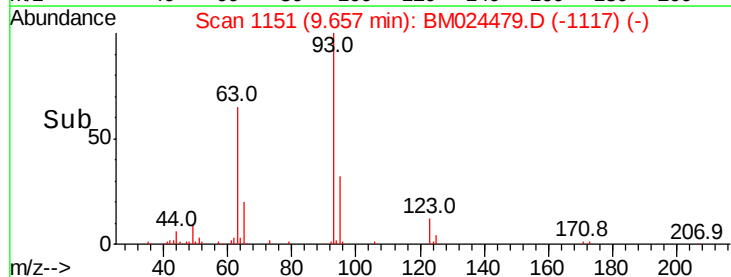
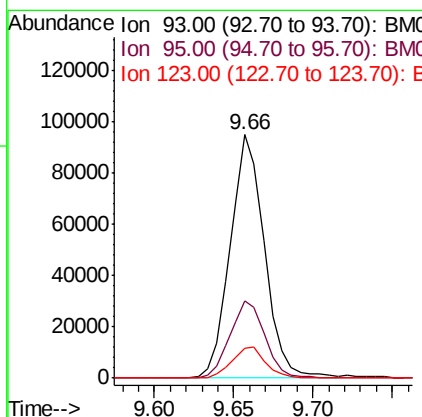
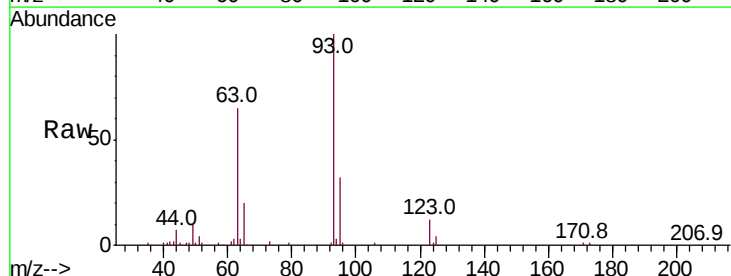
Instrument :  
 BNA\_M  
 ClientSampleId :

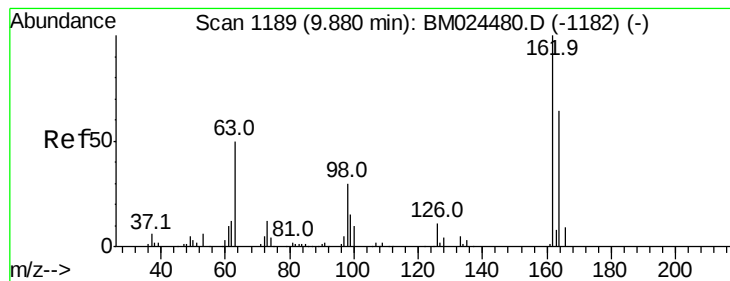
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 48.4  | 38.4  | 57.6  |
| 122     | 84.1  | 64.3  | 96.5  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 9.371 ng/ul  
 RT: 9.66 min Scan# 1151  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.8  | 26.6  | 40.0  |
| 123     | 12.4  | 10.2  | 15.2  |





#27

2,4-Dichlorophenol

Concen: 10.367 ng/ul

RT: 9.88 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampled :

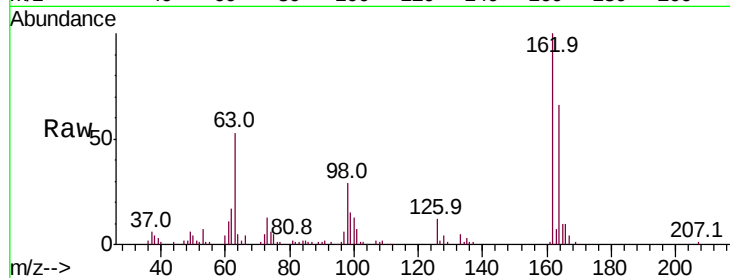
Tot Ion:162 Resp: 117888

Ion Ratio Lower Upper

162 100

164 66.4 51.4 77.2

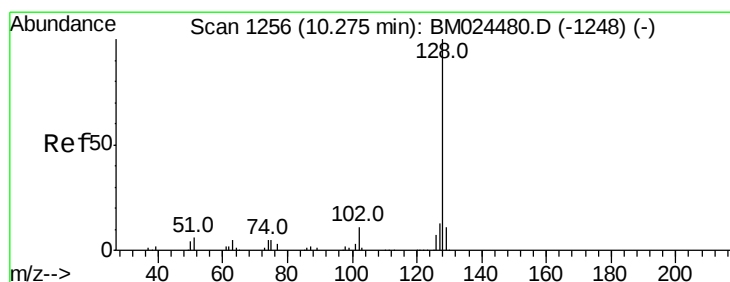
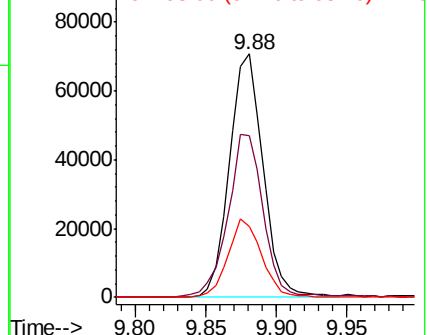
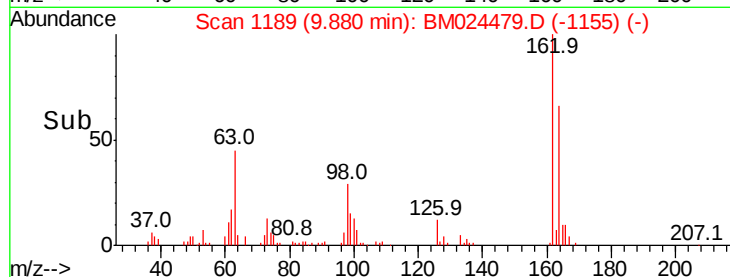
98 29.1 24.3 36.5



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): BM



#28

Naphthalene

Concen: 9.725 ng/ul

RT: 10.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

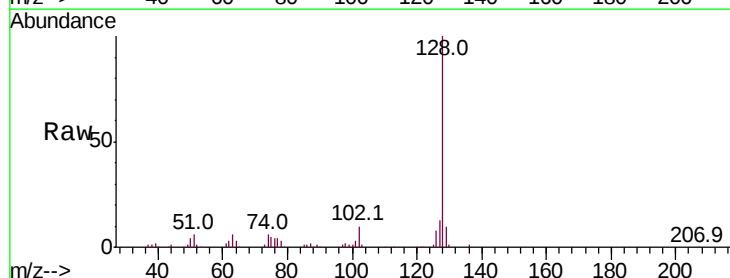
Tgt Ion:128 Resp: 378561

Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

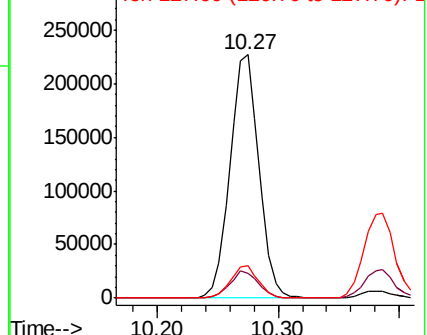
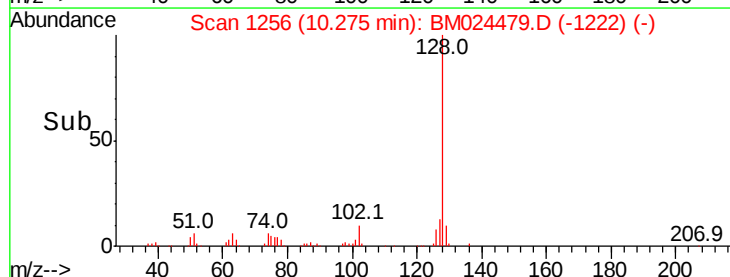
127 13.1 10.4 15.6

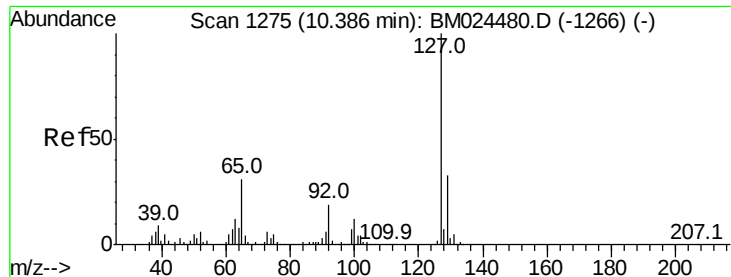


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

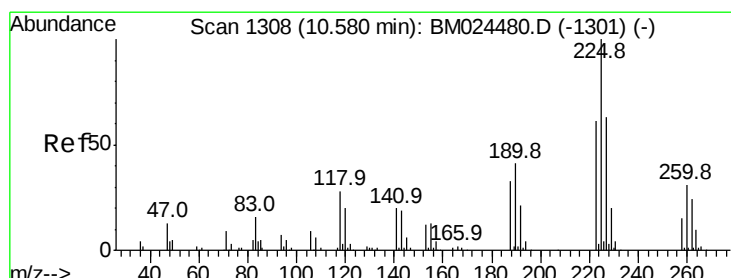
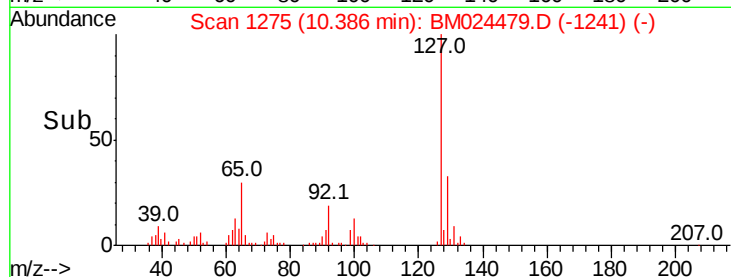
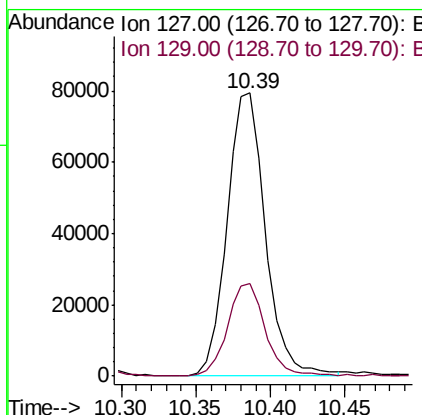
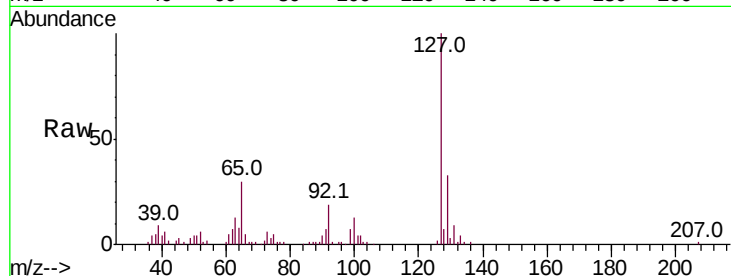




#30  
4-Chloroaniline  
Concen: 10.850 ng/ul  
RT: 10.39 min Scan# 1275  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

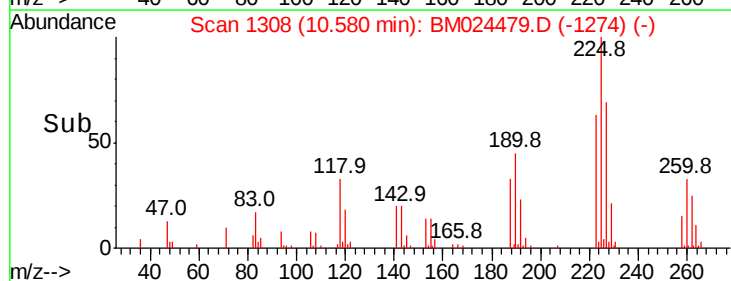
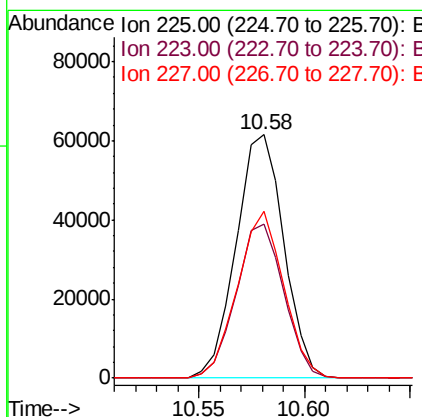
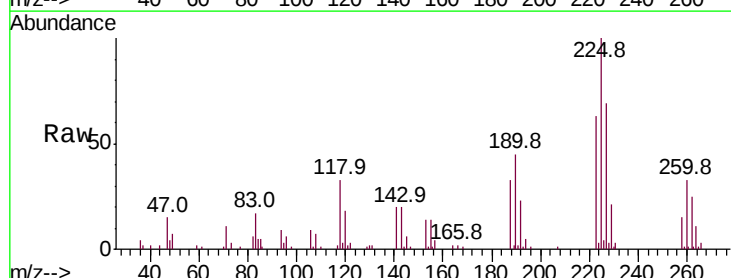
Instrument :  
BNA\_M  
ClientSampleId :

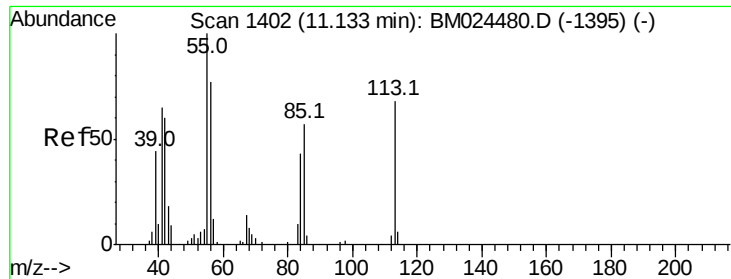
Tot Ion:127 Resp: 142217  
Ion Ratio Lower Upper  
127 100  
129 33.0 26.4 39.6



#31  
Hexachlorobutadiene  
Concen: 11.695 ng/ul  
RT: 10.58 min Scan# 1308  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Tgt Ion:225 Resp: 96541  
Ion Ratio Lower Upper  
225 100  
223 63.1 49.1 73.7  
227 68.6 50.2 75.4

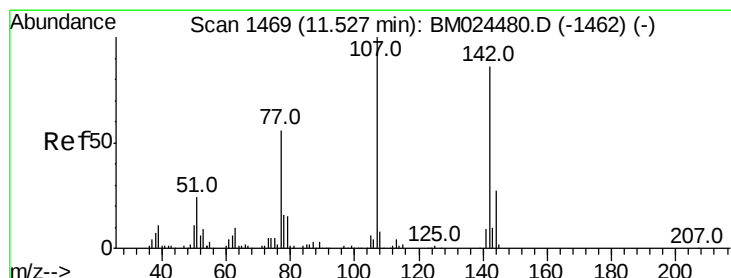
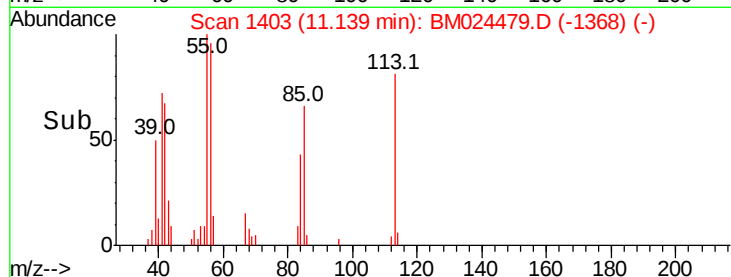
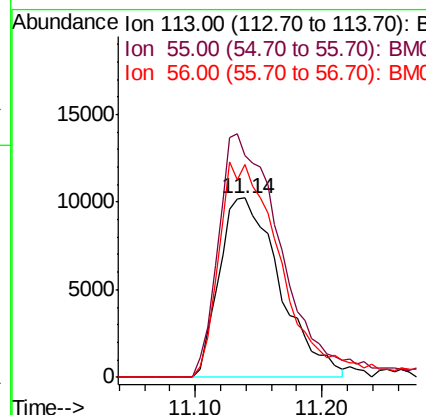
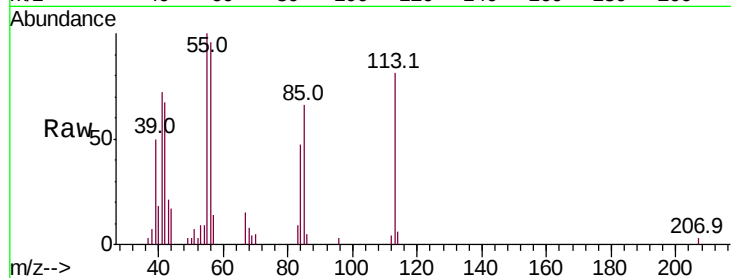




#32  
 Caprolactam  
 Concen: 9.849 ng/ul  
 RT: 11.14 min Scan# 1403  
 Delta R.T. 0.01 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

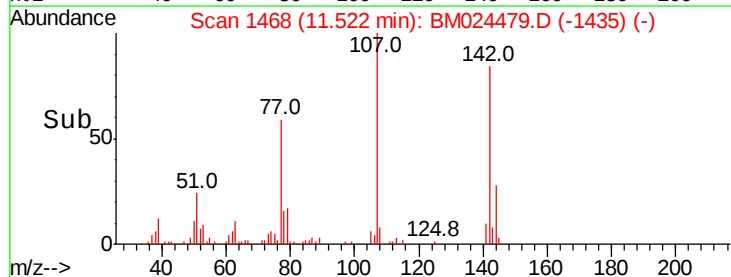
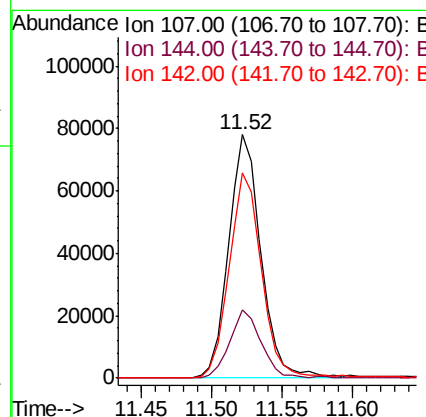
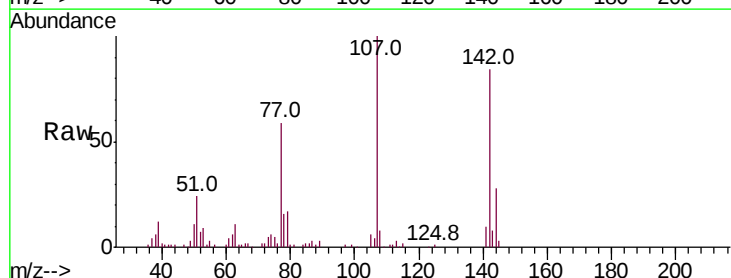
Instrument :  
 BNA\_M  
 ClientSampleId :

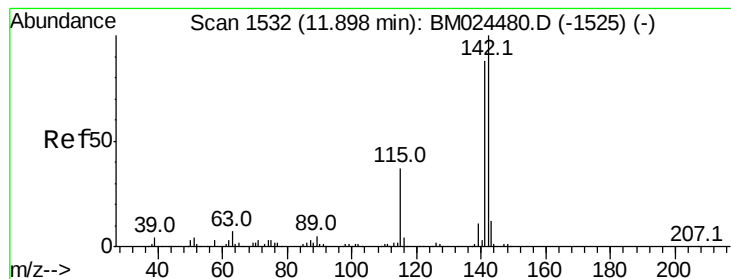
Tot Ion:113 Resp: 34065  
 Ion Ratio Lower Upper  
 113 100  
 55 123.9 118.3 177.5  
 56 118.6 90.8 136.2



#33  
 4-Chloro-3-methylphenol  
 Concen: 10.472 ng/ul  
 RT: 11.52 min Scan# 1468  
 Delta R.T. -0.01 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Tgt Ion:107 Resp: 124454  
 Ion Ratio Lower Upper  
 107 100  
 144 28.1 21.3 31.9  
 142 84.1 68.7 103.1





#34

2-Methylnaphthalene

Concen: 10.872 ng/ul

RT: 11.90 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

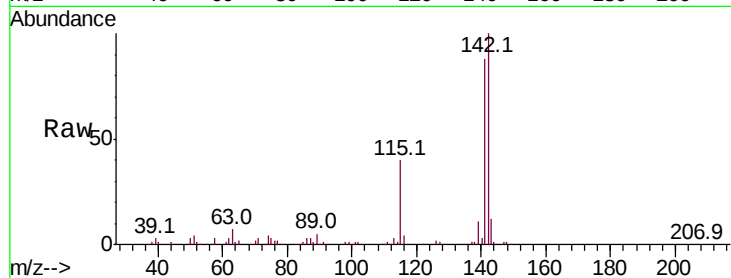
ClientSampleId :

Tot Ion:142 Resp: 293182

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.90

200000

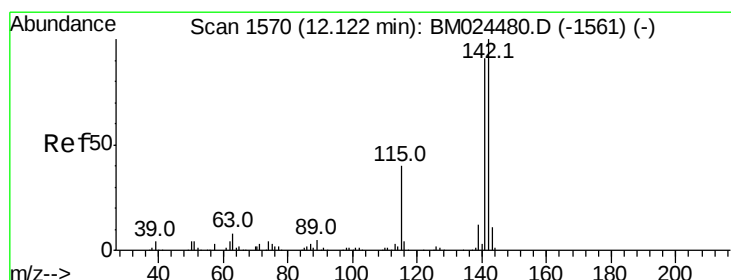
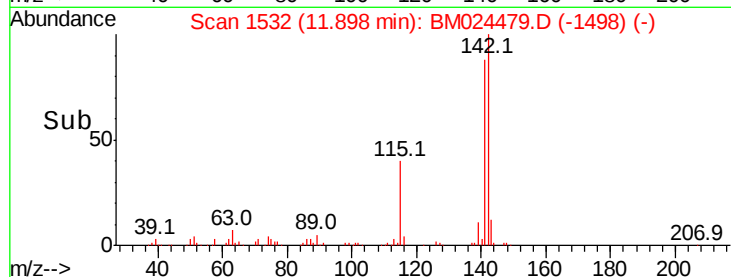
150000

100000

50000

0

Time-->



#35

1-Methylnaphthalene

Concen: 11.048 ng/ul

RT: 12.12 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

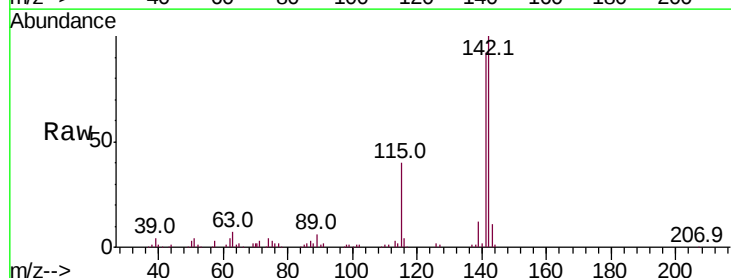
Tgt Ion:142 Resp: 298125

Ion Ratio Lower Upper

142 100

141 92.2 72.6 109.0

116 3.8 3.5 5.3



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

12.12

250000

200000

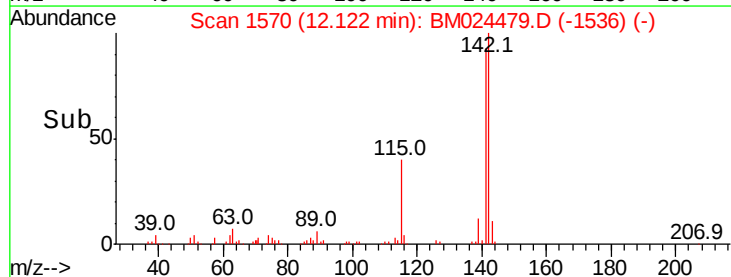
150000

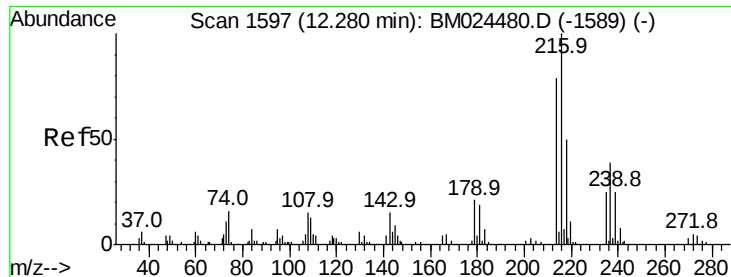
100000

50000

0

Time-->

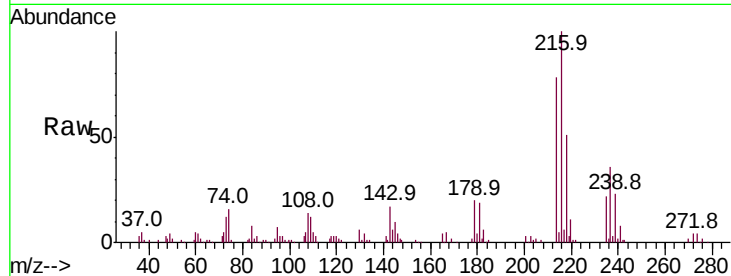




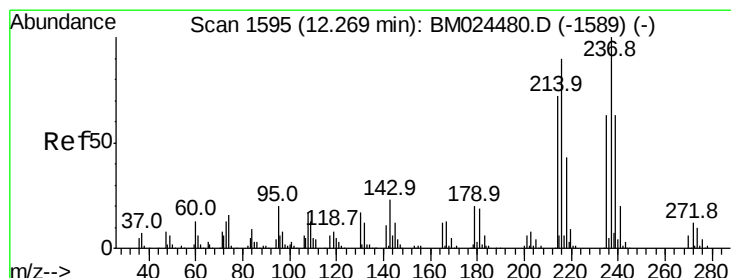
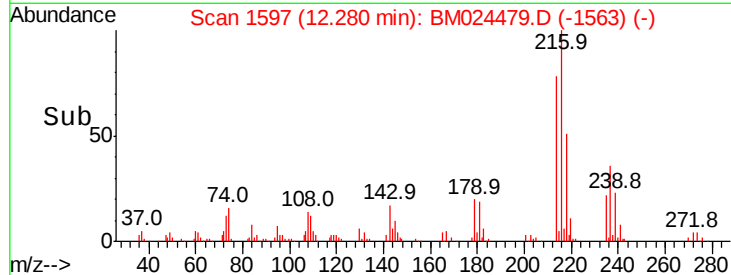
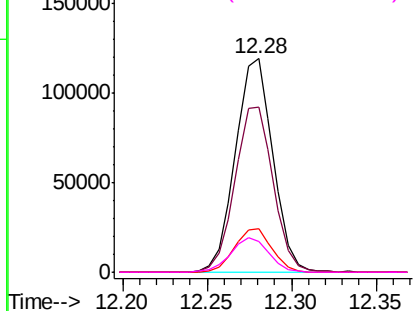
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 9.546 ng/ul  
 RT: 12.28 min Scan# 1597  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 184208 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.5  | 63.4  | 95.2   |
| 179      | 20.2  | 16.5  | 24.7   |
| 108      | 14.5  | 12.2  | 18.4   |

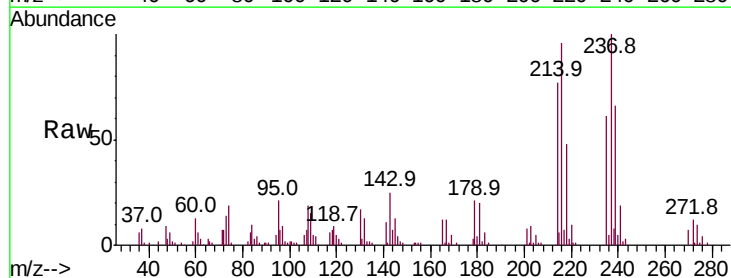


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

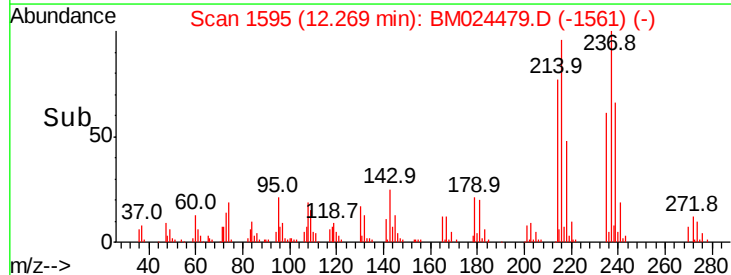
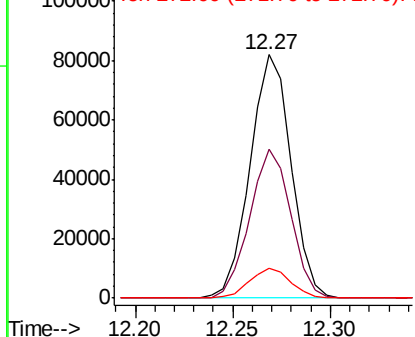


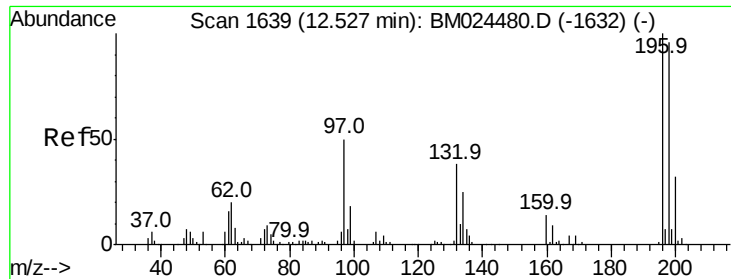
#38  
 Hexachlorocyclopentadiene  
 Concen: 8.438 ng/ul  
 RT: 12.27 min Scan# 1595  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 119194 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.4  | 50.6  | 76.0   |
| 272      | 13.4  | 10.1  | 15.1   |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

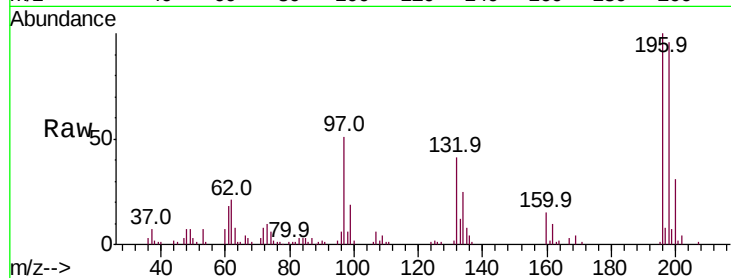




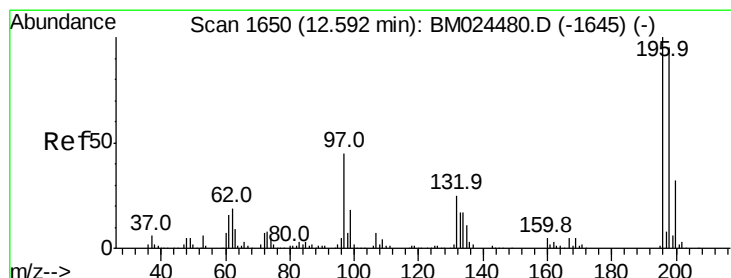
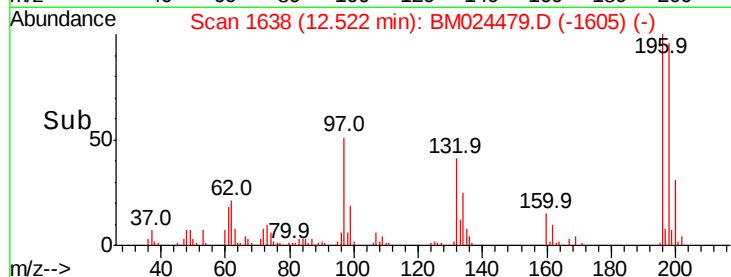
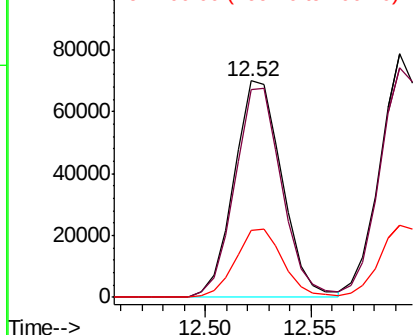
#39  
 2,4,6-Trichlorophenol  
 Concen: 9.659 ng/ul  
 RT: 12.52 min Scan# 1638  
 Delta R.T. -0.01 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:196 Resp: 110317  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 76.6 114.8  
 200 31.0 25.8 38.8

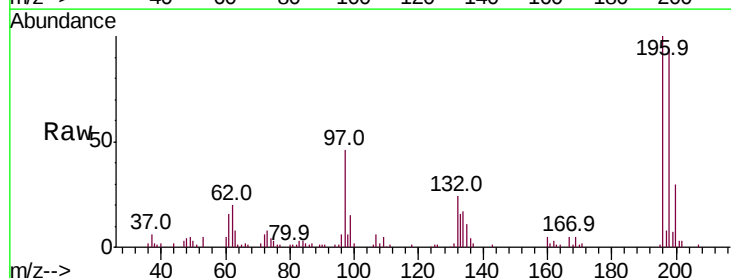


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

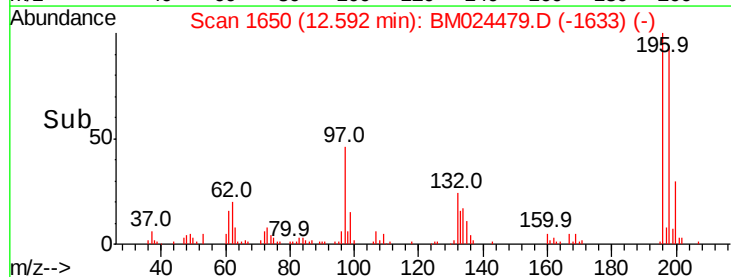
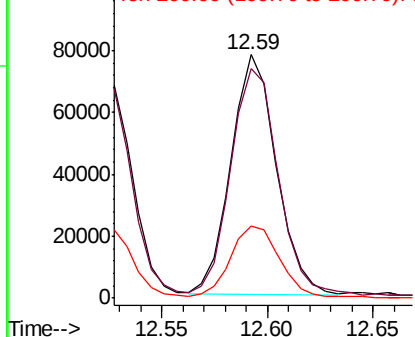


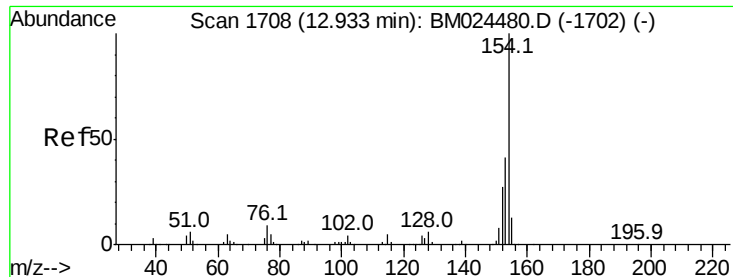
#40  
 2,4,5-Trichlorophenol  
 Concen: 9.443 ng/ul  
 RT: 12.59 min Scan# 1650  
 Delta R.T. 0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Tgt Ion:196 Resp: 115936  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 76.2 114.2  
 200 29.8 25.7 38.5



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

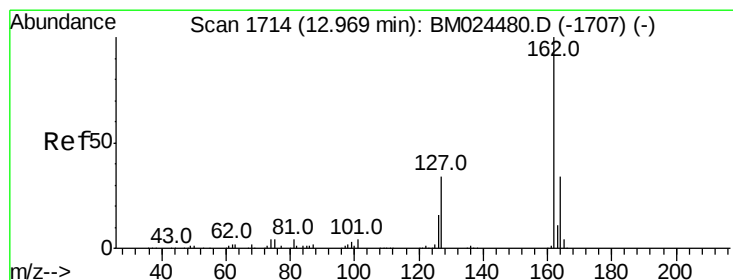
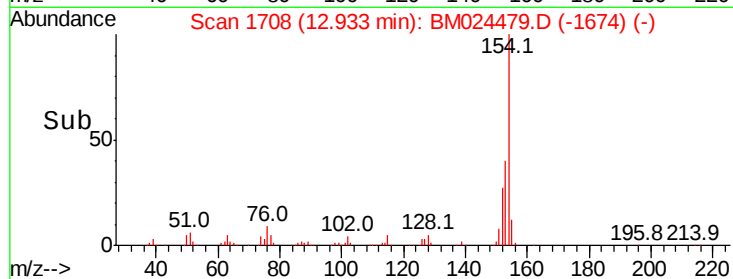
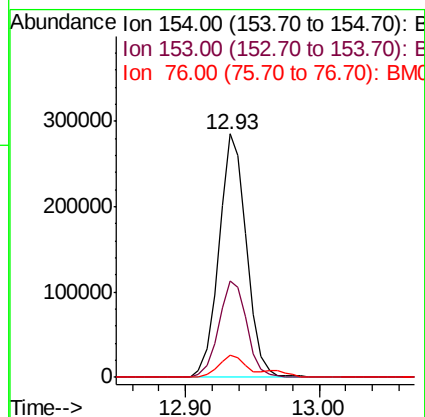
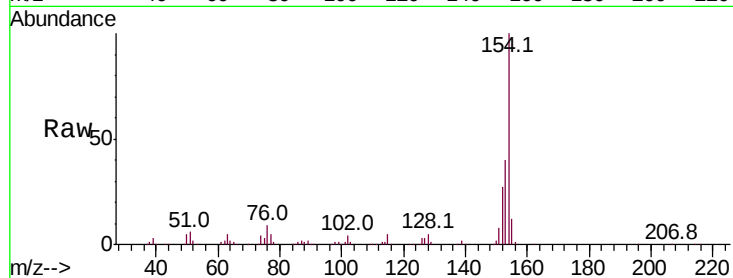




#41  
 1,1'-Biphenyl  
 Concen: 9.120 ng/ul  
 RT: 12.93 min Scan# 1708  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

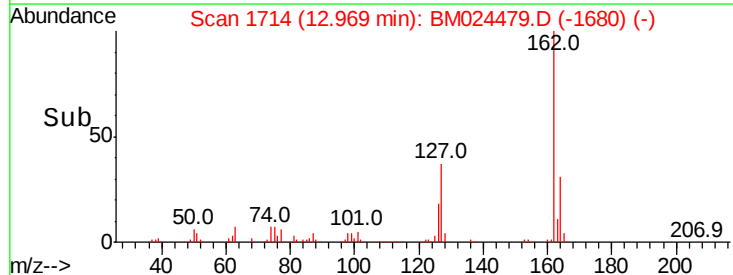
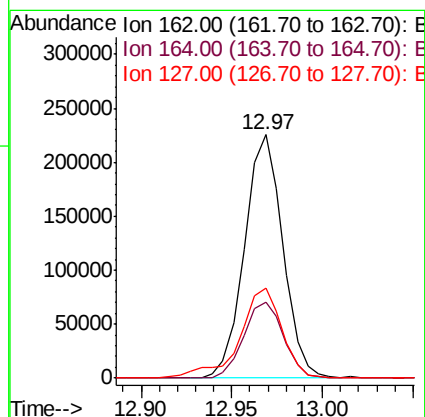
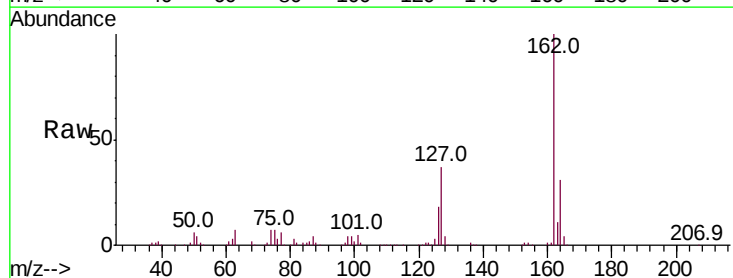
Instrument :  
 BNA\_M  
 ClientSampleId :

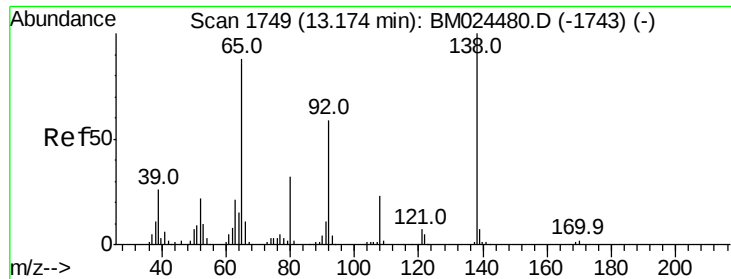
Tot Ion:154 Resp: 411479  
 Ion Ratio Lower Upper  
 154 100  
 153 39.5 32.3 48.5  
 76 9.3 7.0 10.6



#42  
 2-Chloronaphthalene  
 Concen: 9.132 ng/ul  
 RT: 12.97 min Scan# 1714  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Tgt Ion:162 Resp: 330235  
 Ion Ratio Lower Upper  
 162 100  
 164 31.0 27.0 40.4  
 127 36.9 29.7 44.5

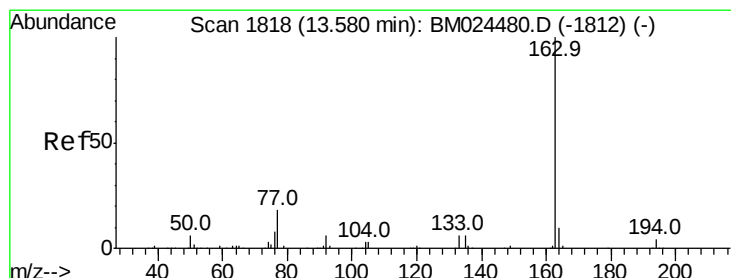
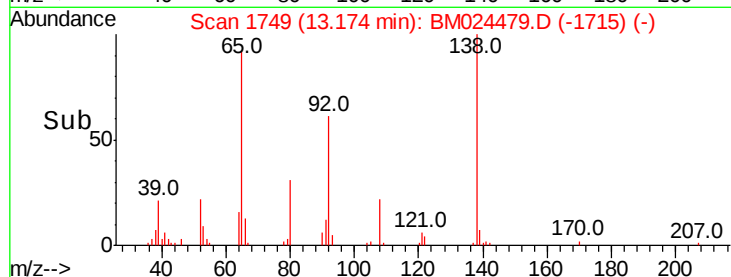
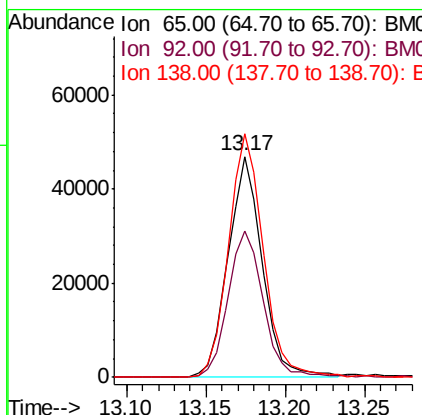
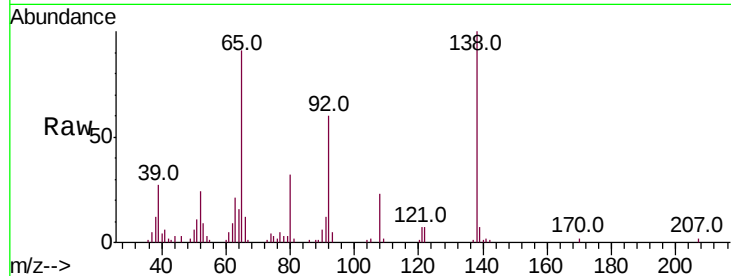




#43  
2-Nitroaniline  
Concen: 8.014 ng/ul  
RT: 13.17 min Scan# 1749  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

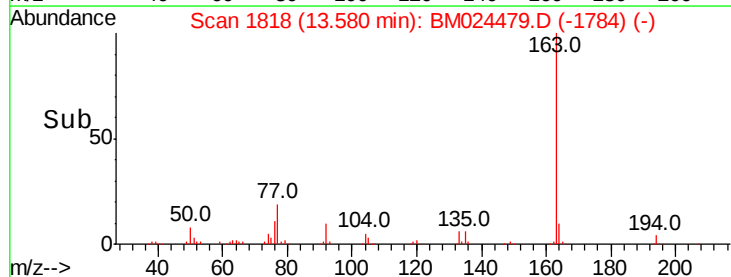
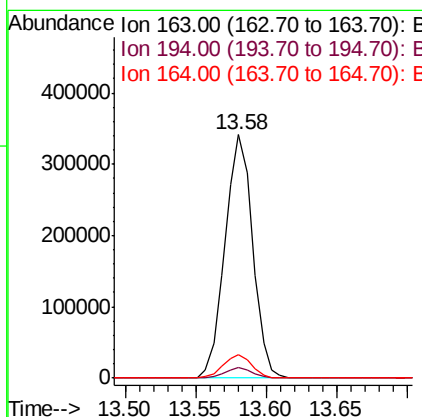
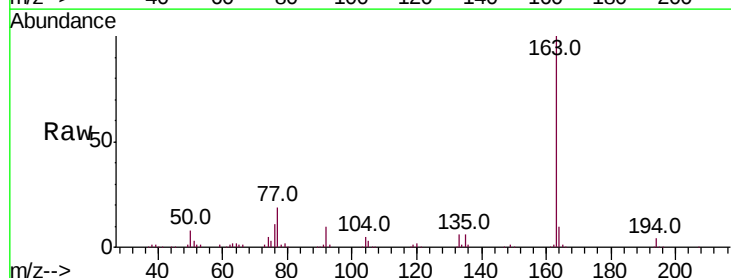
Instrument :  
BNA\_M  
ClientSampleId :

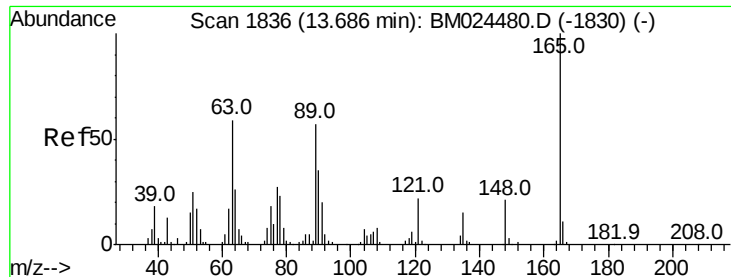
Tot Ion: 65 Resp: 70317  
Ion Ratio Lower Upper  
65 100  
92 66.2 53.6 80.4  
138 110.2 91.4 137.0



#45  
Dimethylphthalate  
Concen: 10.733 ng/ul  
RT: 13.58 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Tgt Ion: 163 Resp: 465245  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.0  
164 9.8 8.0 12.0

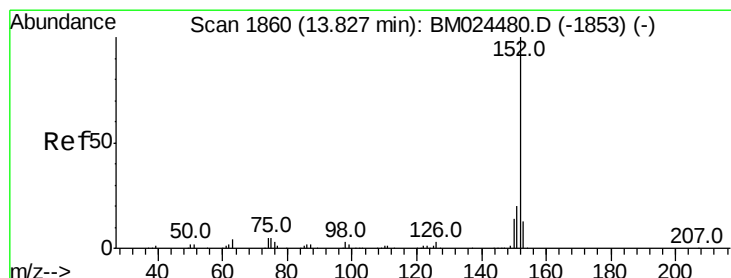
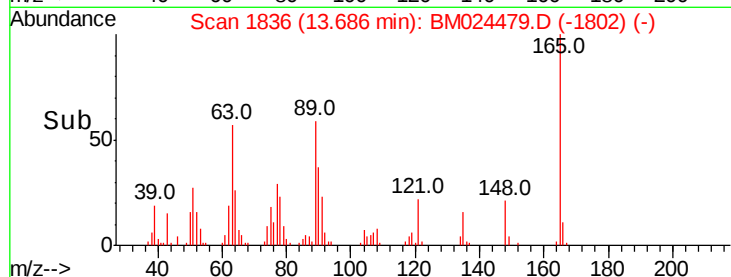
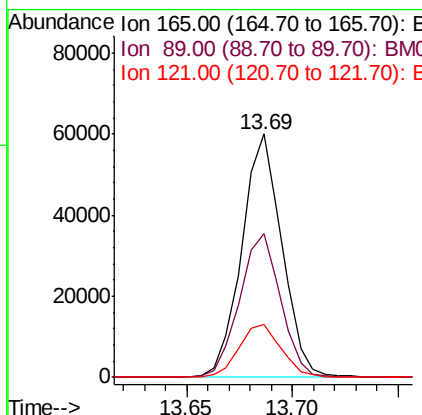
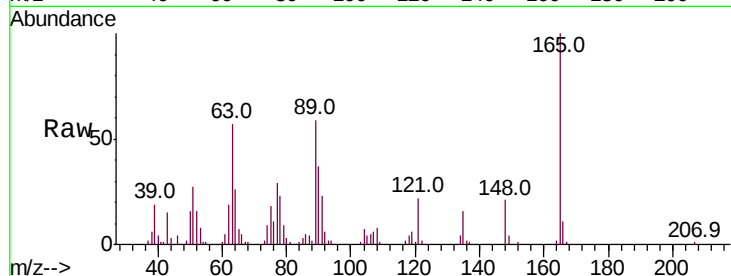




#46  
 2,6-Dinitrotoluene  
 Concen: 10.200 ng/ul  
 RT: 13.69 min Scan# 1836  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

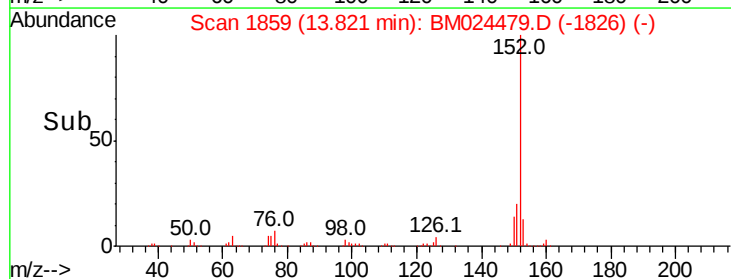
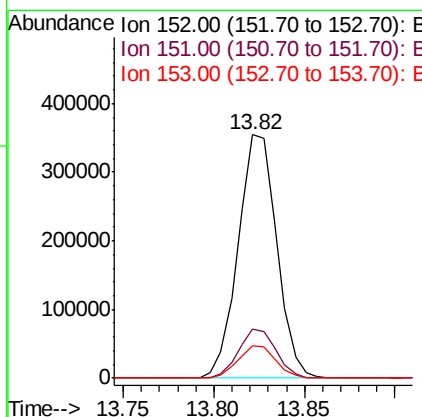
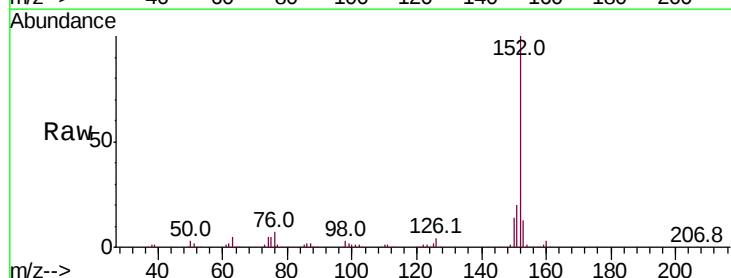
Instrument :  
 BNA\_M  
 ClientSampleId :

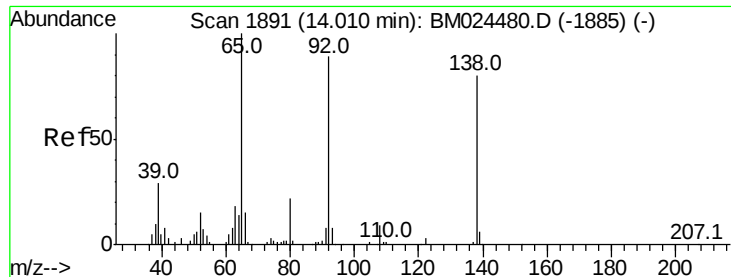
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 59.3  | 45.5  | 68.3  |
| 121     | 21.8  | 17.3  | 25.9  |



#48  
 Acenaphthylene  
 Concen: 9.362 ng/ul  
 RT: 13.82 min Scan# 1859  
 Delta R.T. -0.01 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 15.9  | 23.9  |
| 153     | 13.3  | 10.3  | 15.5  |

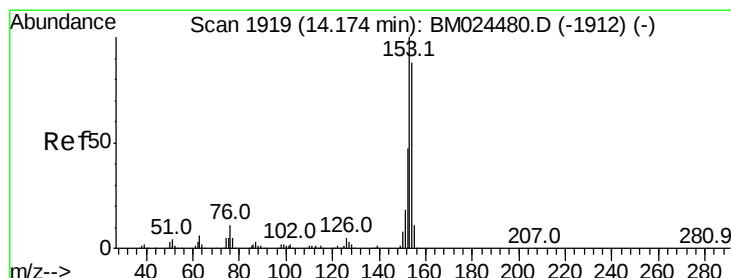
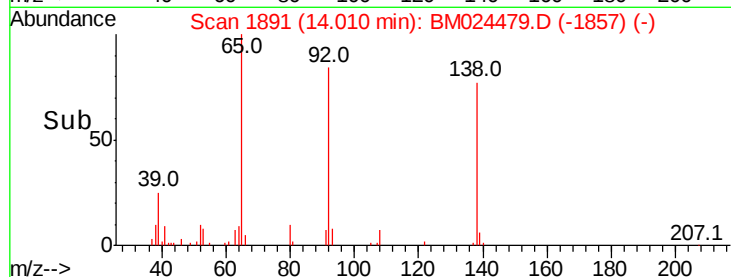
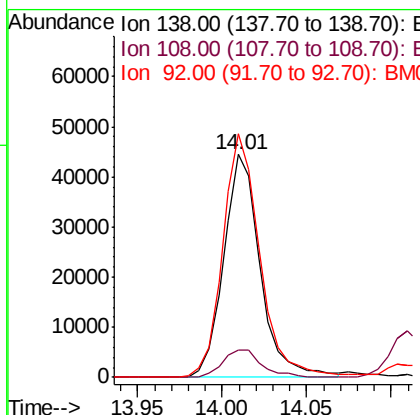
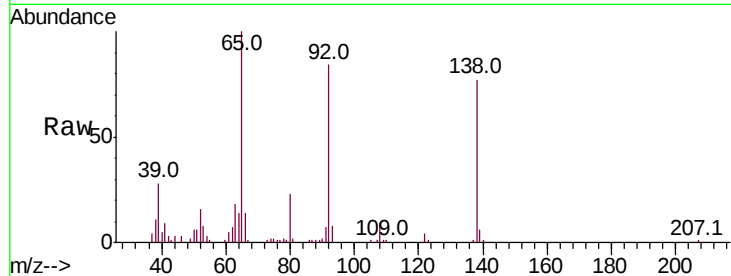




#49  
3-Nitroaniline  
Concen: 9.259 ng/ul  
RT: 14.01 min Scan# 1891  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

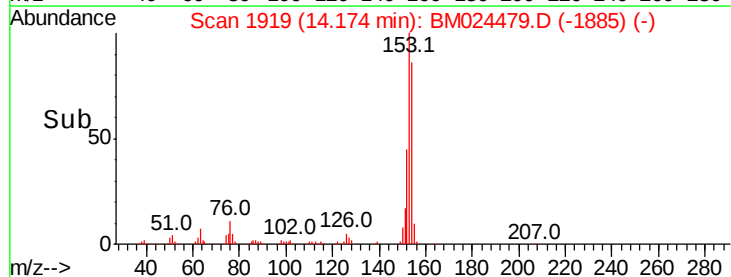
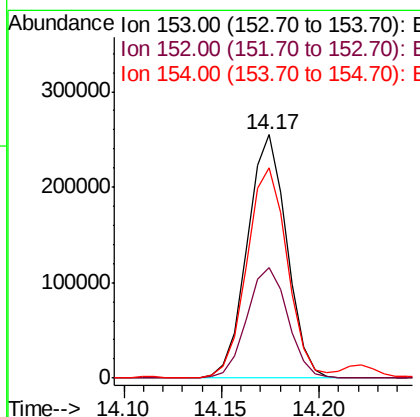
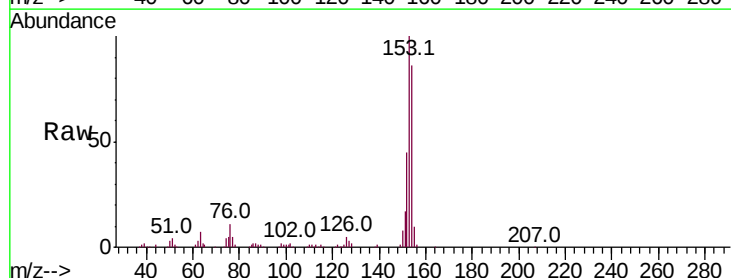
Instrument :  
BNA\_M  
ClientSampleId :

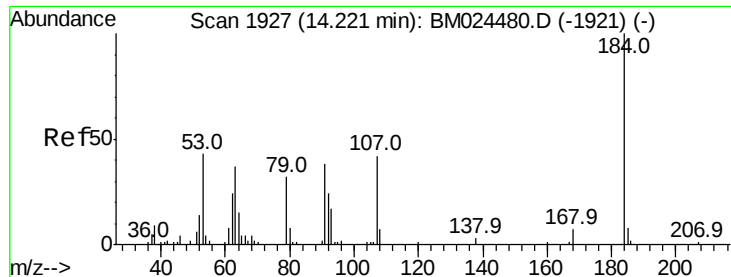
Tot Ion:138 Resp: 66820  
Ion Ratio Lower Upper  
138 100  
108 12.0 8.9 13.3  
92 109.3 88.1 132.1



#50  
Acenaphthene  
Concen: 9.562 ng/ul  
RT: 14.17 min Scan# 1919  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Tgt Ion:153 Resp: 357328  
Ion Ratio Lower Upper  
153 100  
152 45.3 37.2 55.8  
154 86.3 70.6 106.0

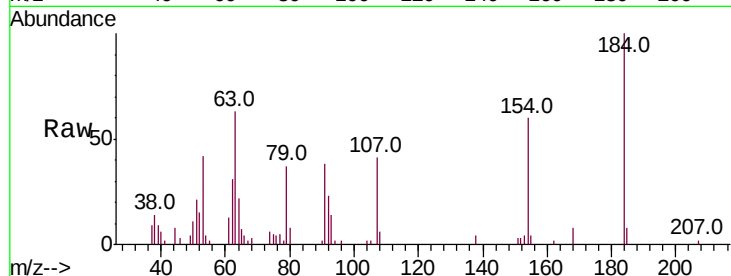




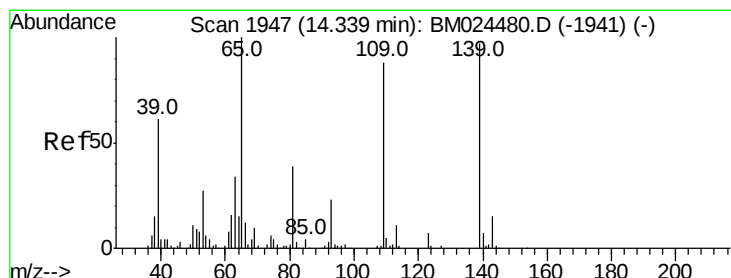
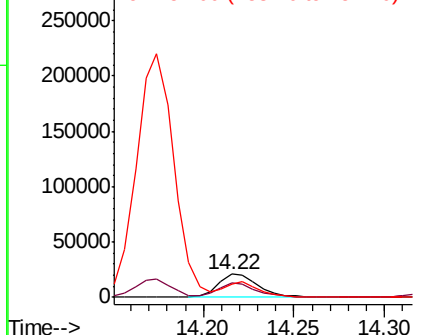
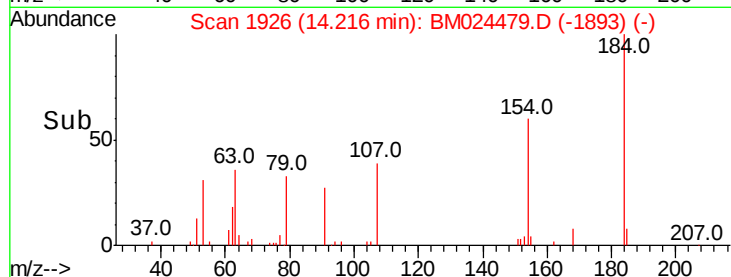
#51  
2,4-Dinitrophenol  
Concen: 9.771 ng/ul  
RT: 14.22 min Scan# 1926  
Delta R.T. -0.01 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:184 Resp: 32639  
Ion Ratio Lower Upper  
184 100  
63 63.2 49.9 74.9  
154 59.6 53.8 80.8

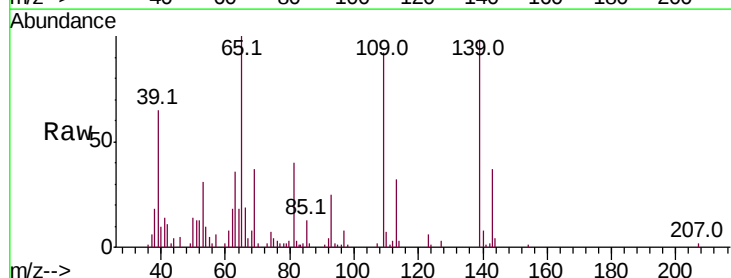


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 154.00 (153.70 to 154.70): E

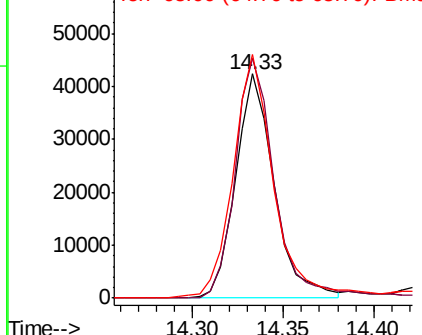
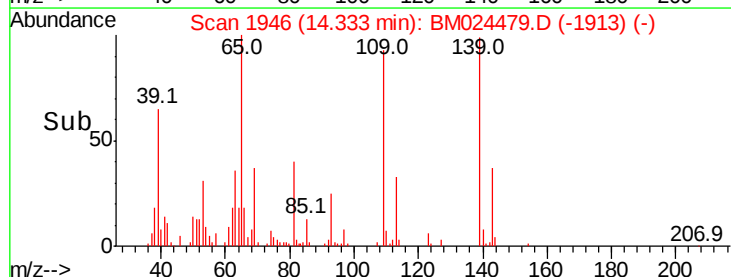


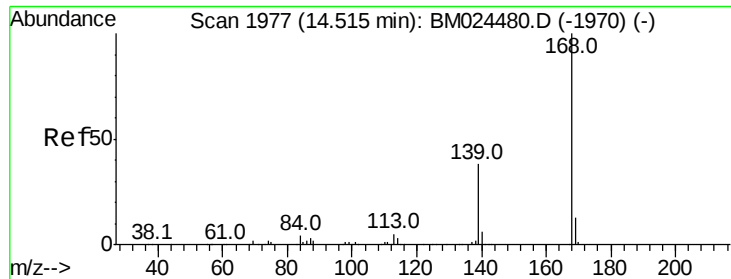
#53  
4-Nitrophenol  
Concen: 9.656 ng/ul  
RT: 14.33 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Tgt Ion:109 Resp: 62733  
Ion Ratio Lower Upper  
109 100  
139 106.9 88.6 133.0  
65 108.7 91.8 137.8



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





#54

Dibenzofuran

Concen: 10.215 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

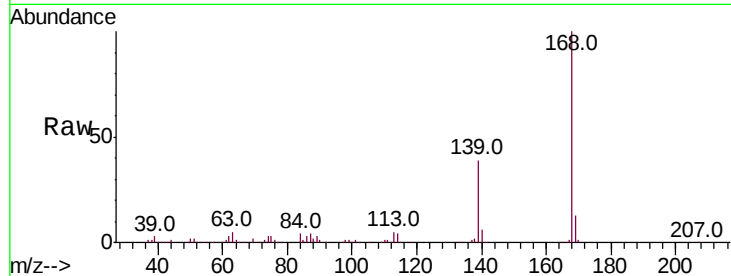
ClientSampleId :

Tot Ion:168 Resp: 527091

Ion Ratio Lower Upper

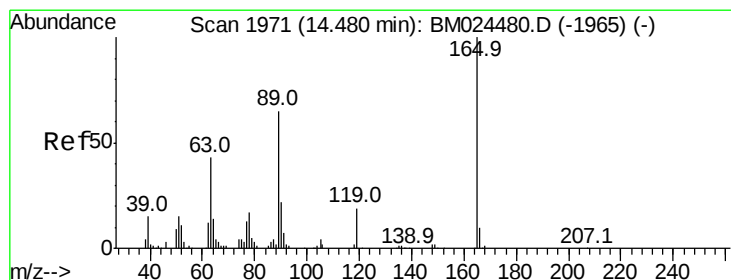
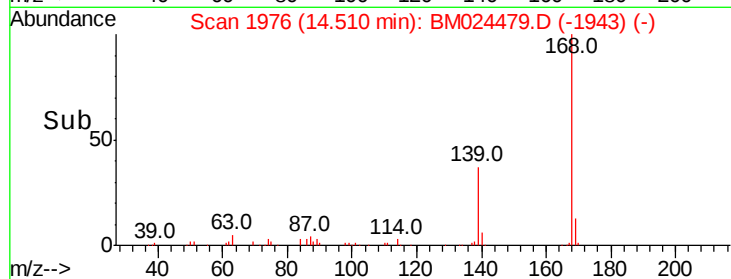
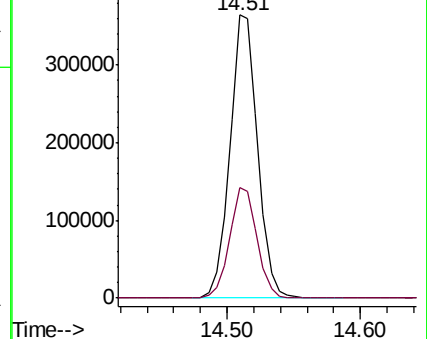
168 100

139 38.9 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 11.264 ng/ul

RT: 14.47 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

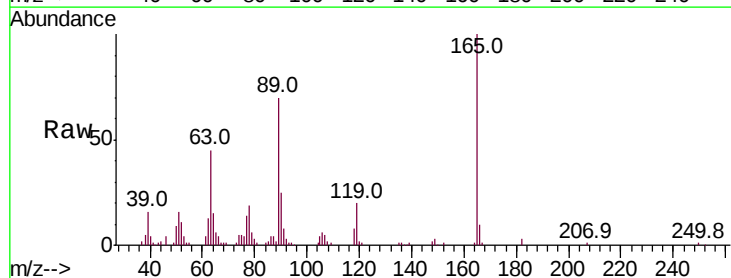
Tgt Ion:165 Resp: 121489

Ion Ratio Lower Upper

165 100

63 44.9 34.4 51.6

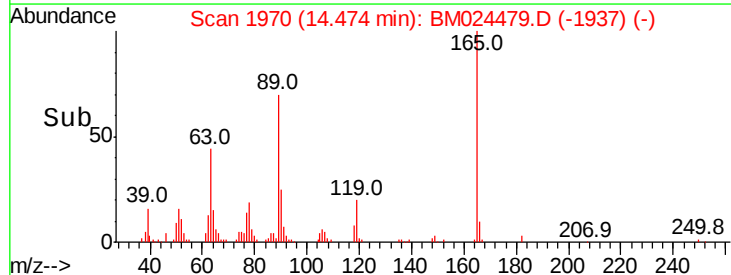
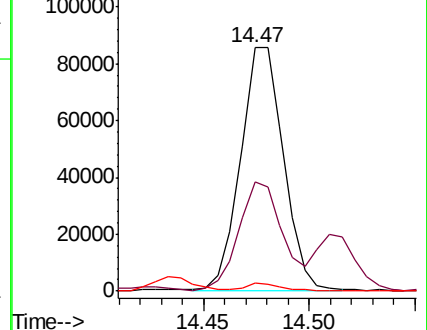
182 3.3 2.2 3.2#

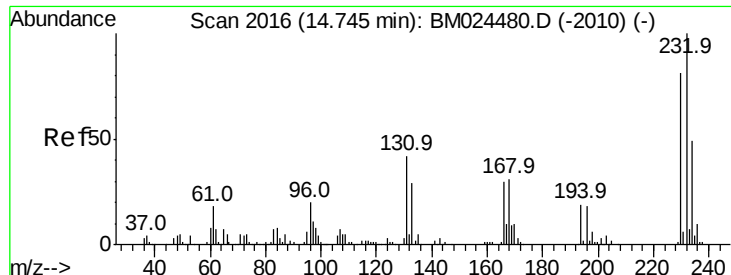


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

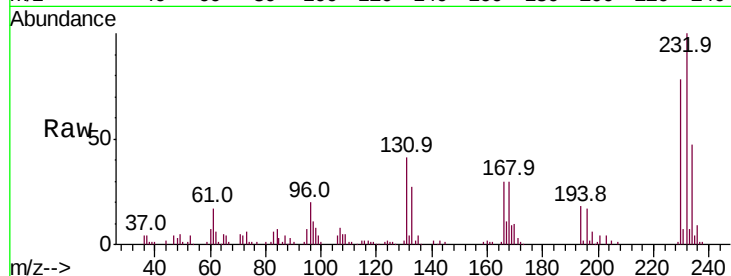




#56  
2,3,4,6-Tetrachlorophenol  
Concen: 11.865 ng/ul  
RT: 14.74 min Scan# 2016  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.6  | 33.8  | 50.8  |
| 130     | 2.1   | 2.1   | 3.1   |
| 166     | 30.4  | 24.2  | 36.2  |



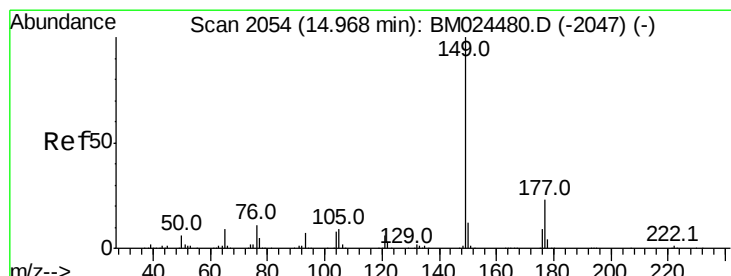
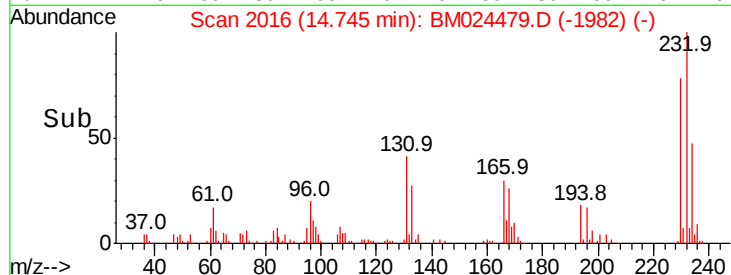
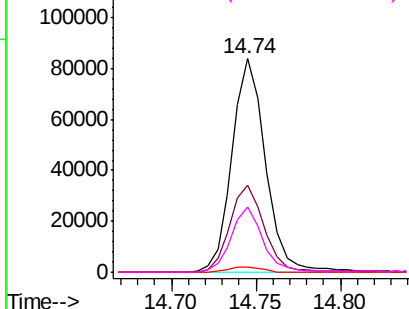
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

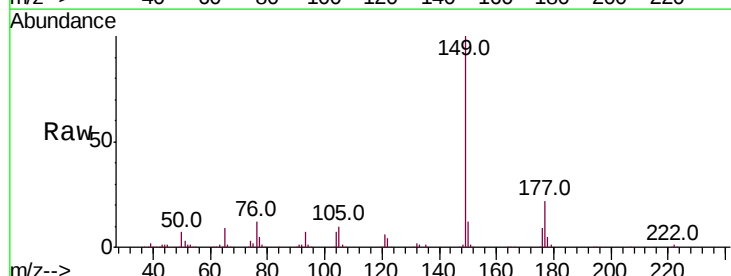
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57  
Diethylphthalate  
Concen: 10.887 ng/ul  
RT: 14.96 min Scan# 2053  
Delta R.T. -0.01 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.3  | 18.3  | 27.5  |
| 150     | 12.5  | 9.7   | 14.5  |

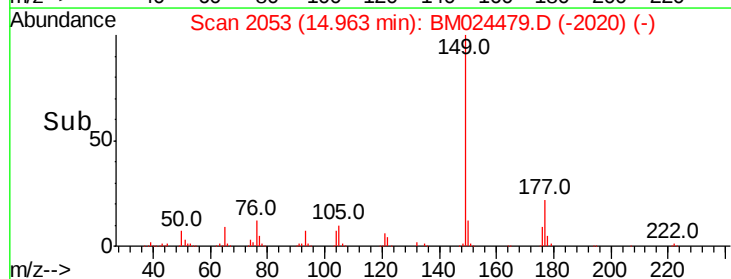
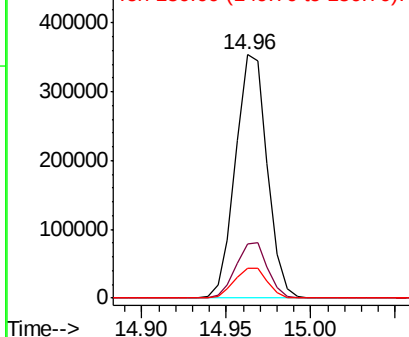


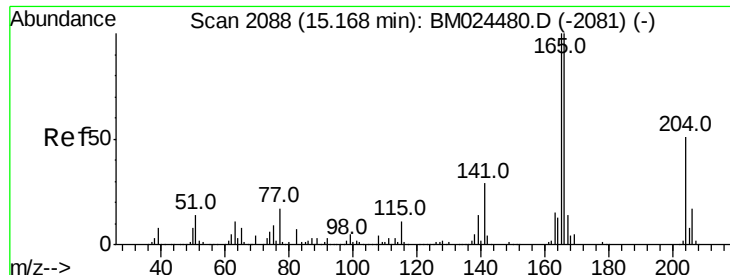
Abundance

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





#59

Fluorene

Concen: 10.315 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

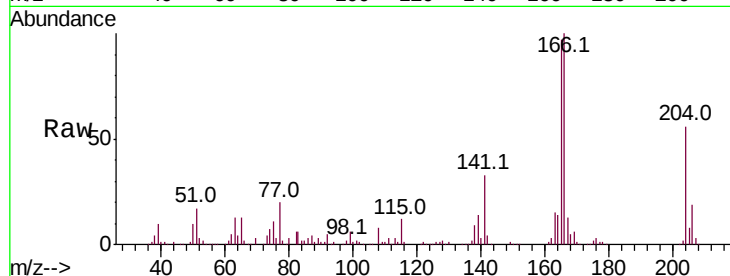
Tot Ion:166 Resp: 439595

Ion Ratio Lower Upper

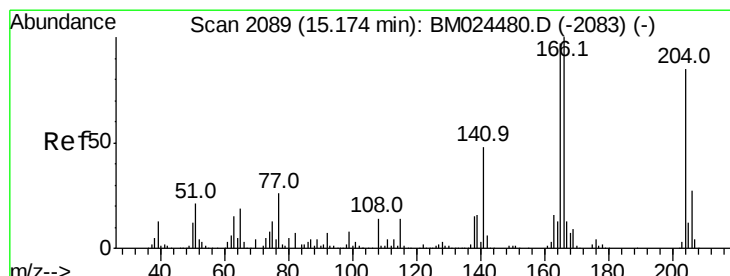
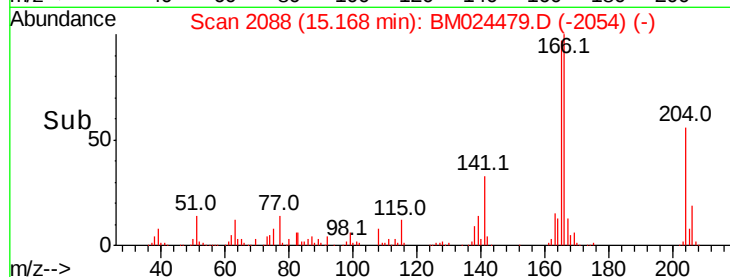
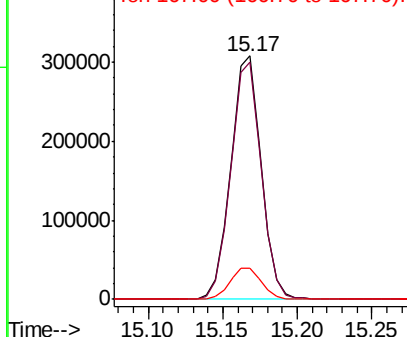
166 100

165 97.4 79.6 119.4

167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 11.235 ng/ul

RT: 15.17 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

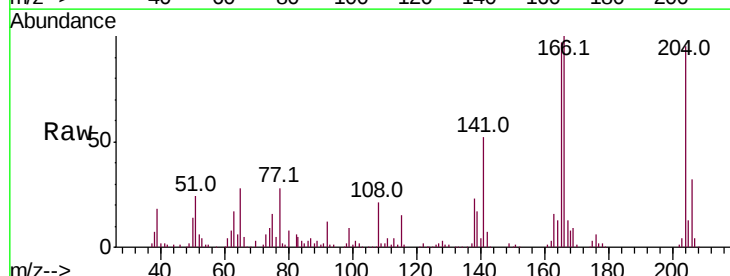
Tgt Ion:204 Resp: 249755

Ion Ratio Lower Upper

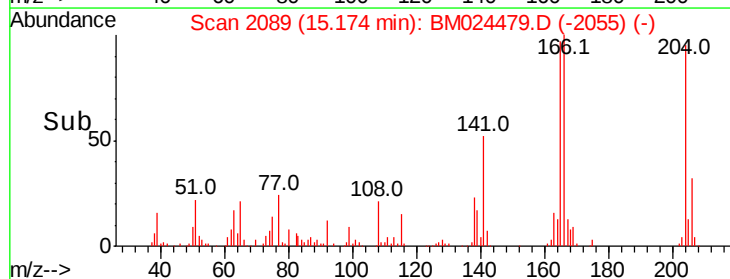
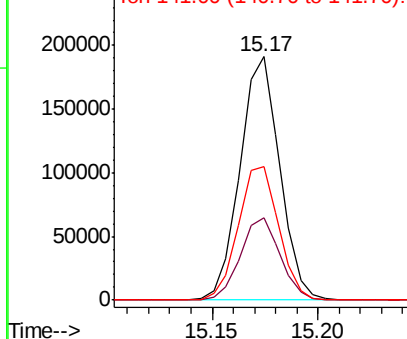
204 100

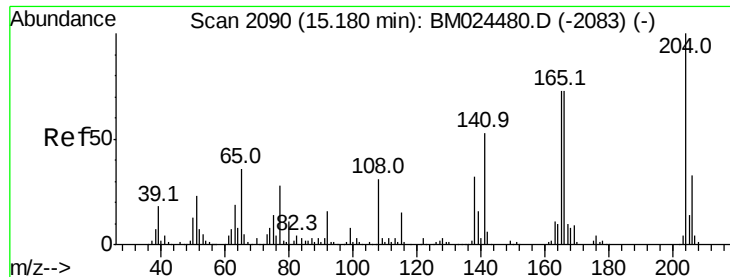
206 33.8 25.6 38.4

141 54.8 45.0 67.4



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

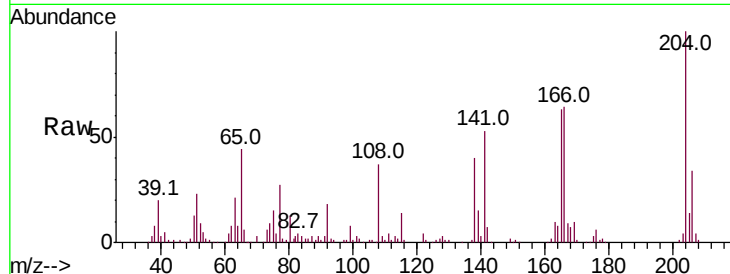




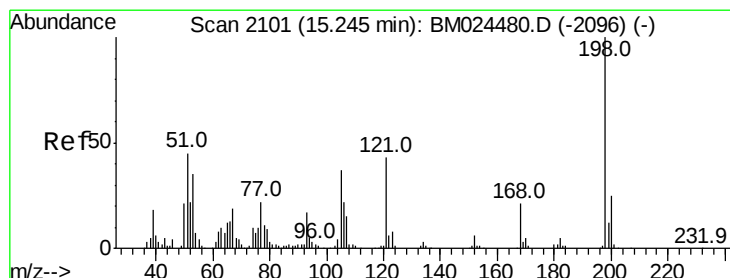
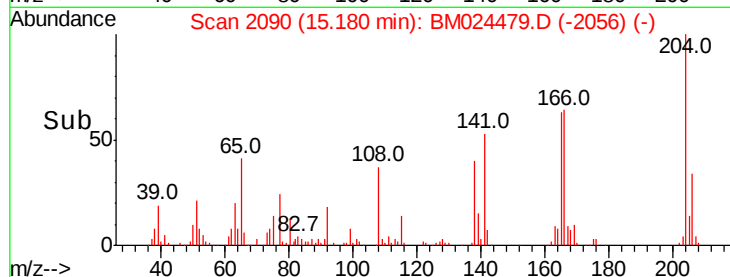
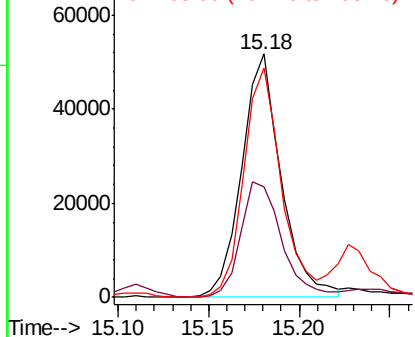
#61  
4-Nitroaniline  
Concen: 9.106 ng/ul  
RT: 15.18 min Scan# 2090  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:138 Resp: 78467  
Ion Ratio Lower Upper  
138 100  
92 45.3 41.5 62.3  
108 94.1 77.3 115.9

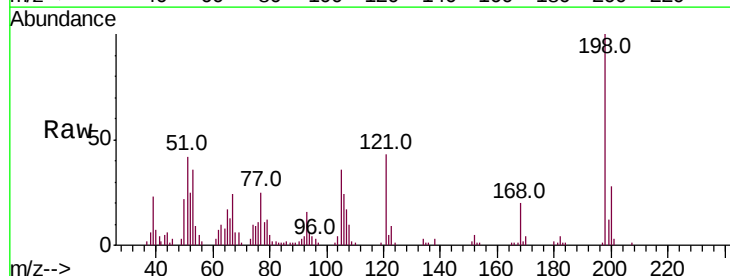


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E

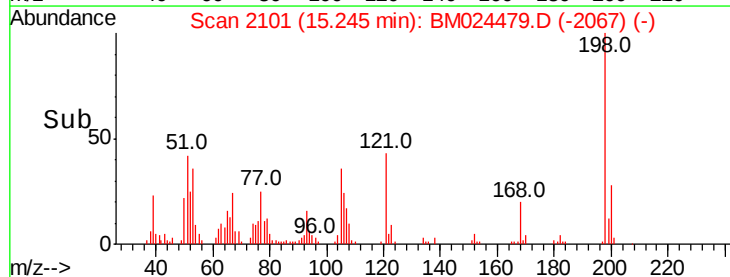
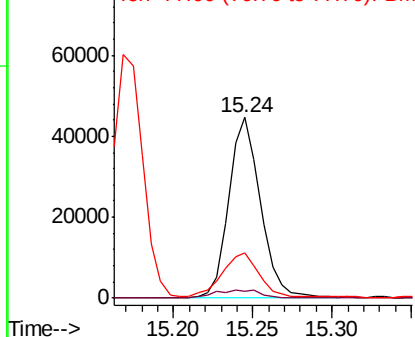


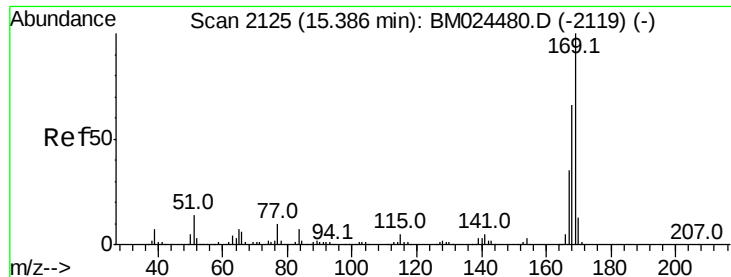
#64  
4,6-Dinitro-2-methylphenol  
Concen: 9.062 ng/ul  
RT: 15.24 min Scan# 2101  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Tgt Ion:198 Resp: 61909  
Ion Ratio Lower Upper  
198 100  
182 3.8 4.1 6.1#  
77 24.7 19.0 28.6



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BM0

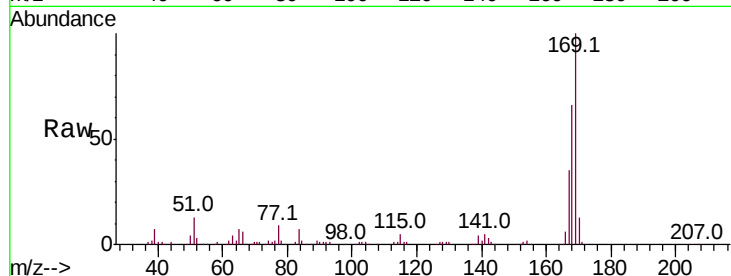




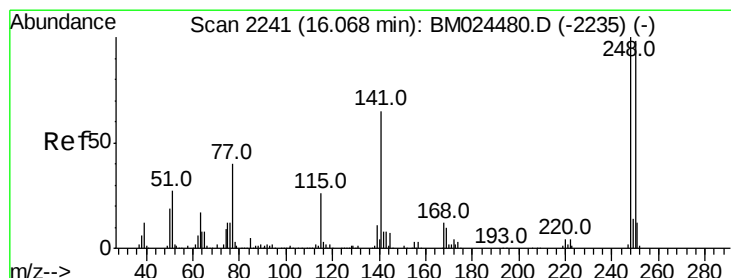
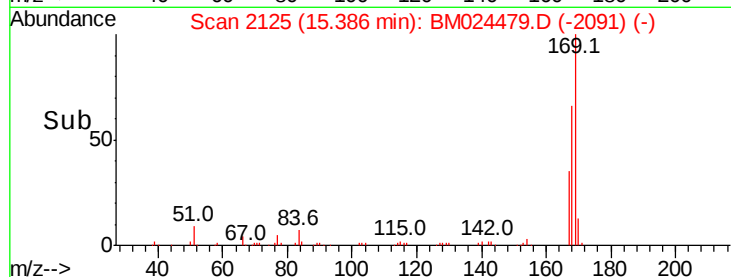
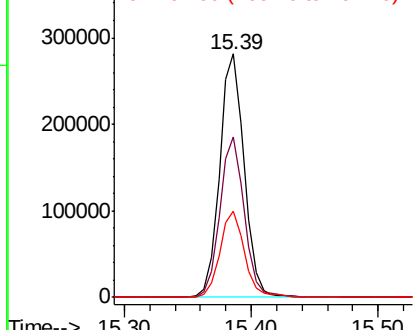
#65  
N-Nitrosodiphenylamine  
Concen: 9.099 ng/ul  
RT: 15.39 min Scan# 2125  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:169 Resp: 376549  
Ion Ratio Lower Upper  
169 100  
168 65.9 52.6 79.0  
167 35.4 28.3 42.5

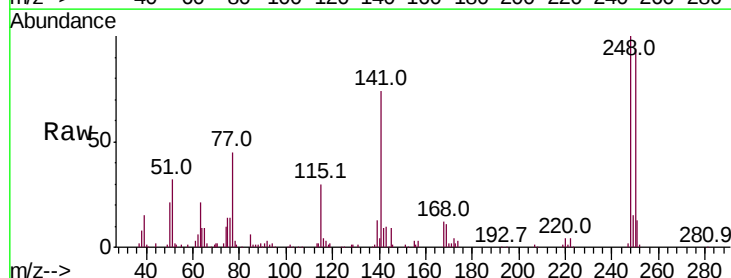


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

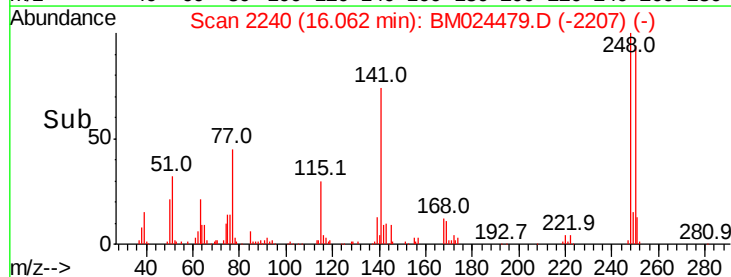
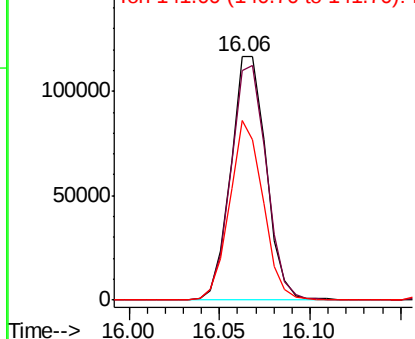


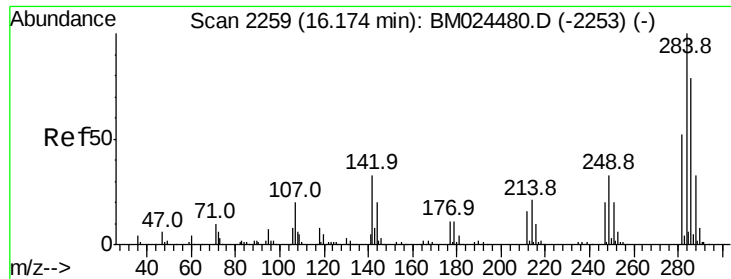
#66  
4-Bromophenyl-phenylether  
Concen: 10.087 ng/ul  
RT: 16.06 min Scan# 2240  
Delta R.T. -0.01 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Tgt Ion:248 Resp: 157988  
Ion Ratio Lower Upper  
248 100  
250 94.1 78.1 117.1  
141 73.7 51.8 77.8



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

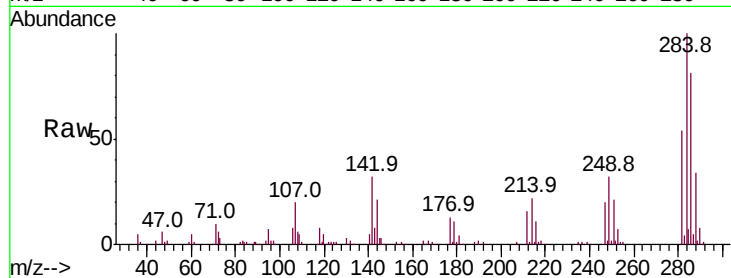




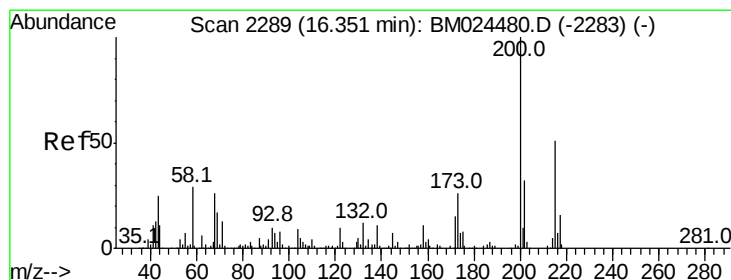
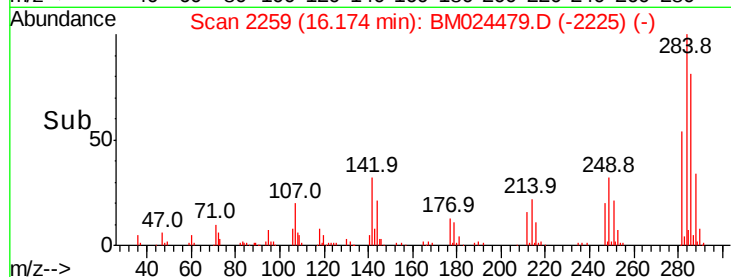
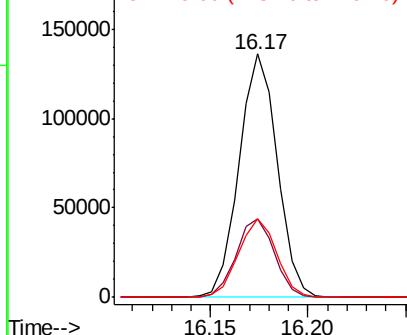
#67  
Hexachlorobenzene  
Concen: 10.136 ng/ul  
RT: 16.17 min Scan# 2259  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.5  | 26.5  | 39.7  |
| 249     | 32.2  | 26.2  | 39.4  |

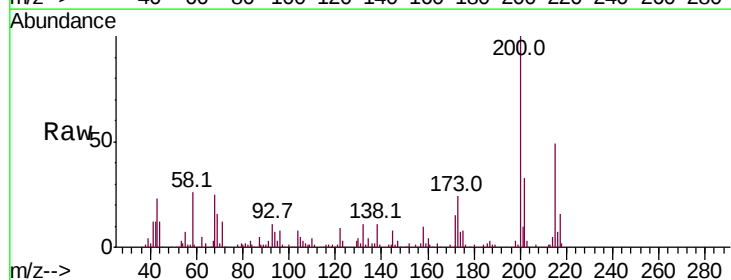


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

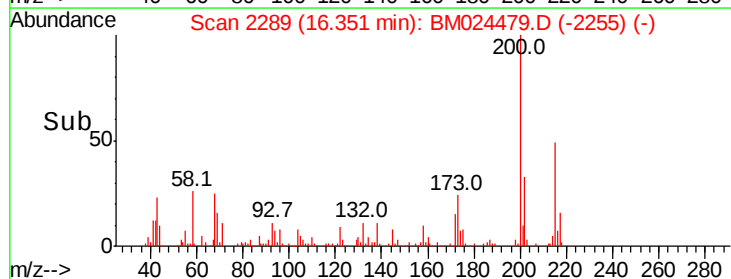
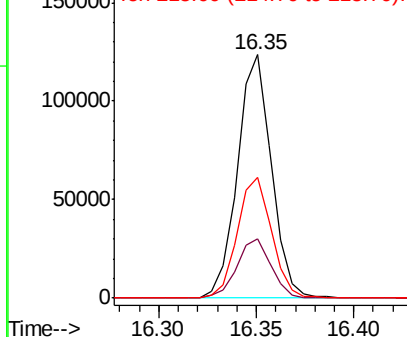


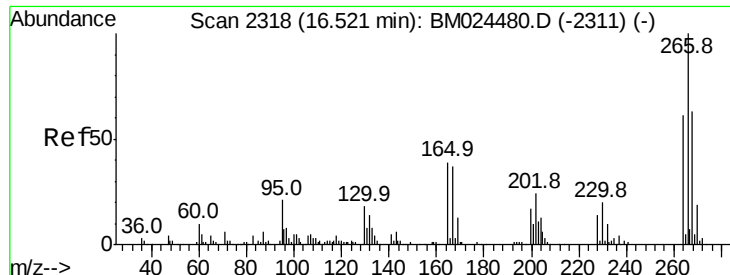
#68  
Atrazine  
Concen: 9.672 ng/ul  
RT: 16.35 min Scan# 2289  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.3  | 20.7  | 31.1  |
| 215     | 49.4  | 40.6  | 60.8  |



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





#69

Pentachlorophenol

Concen: 9.235 ng/ul

RT: 16.52 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampled :

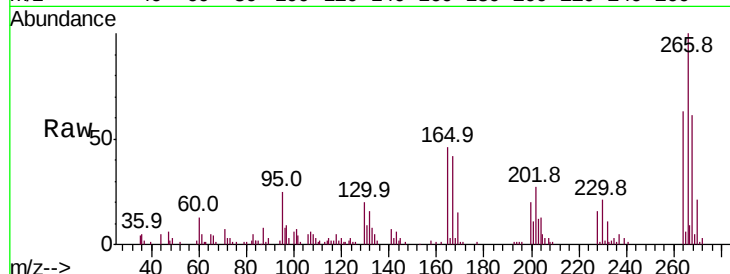
Tot Ion:266 Resp: 91358

Ion Ratio Lower Upper

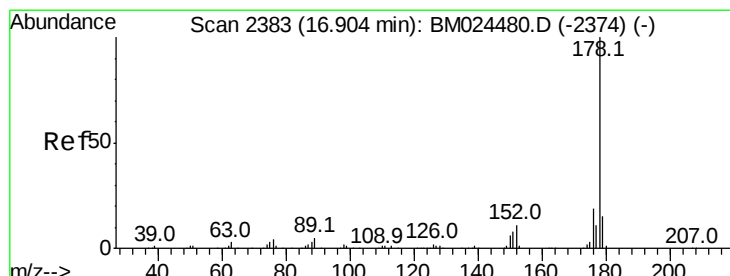
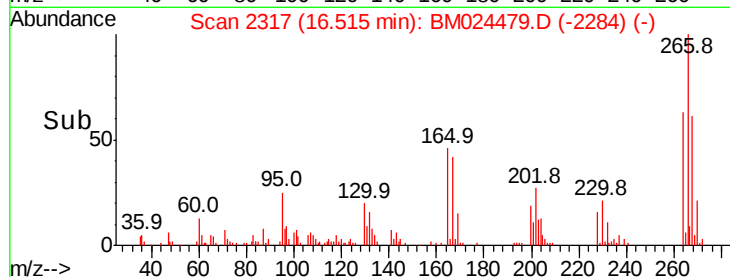
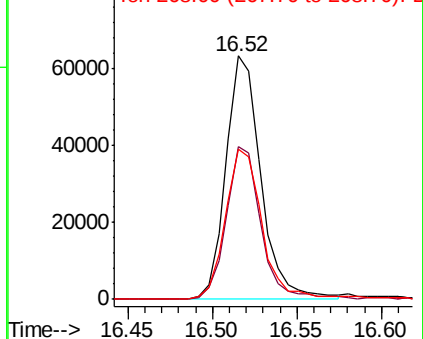
266 100

264 63.0 48.6 72.8

268 61.4 50.6 76.0



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



#70

Phenanthrene

Concen: 9.614 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

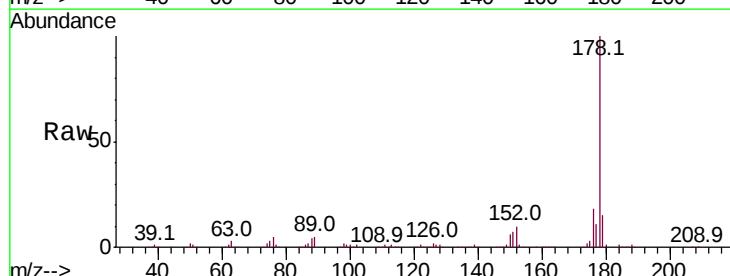
Tgt Ion:178 Resp: 729787

Ion Ratio Lower Upper

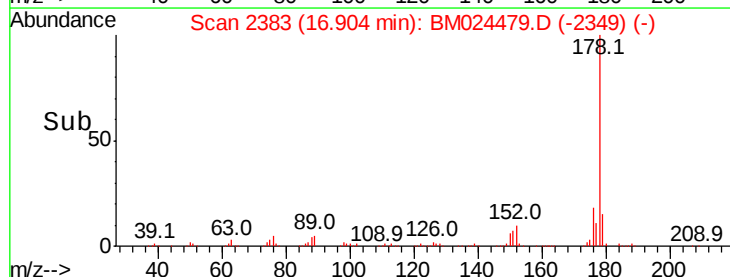
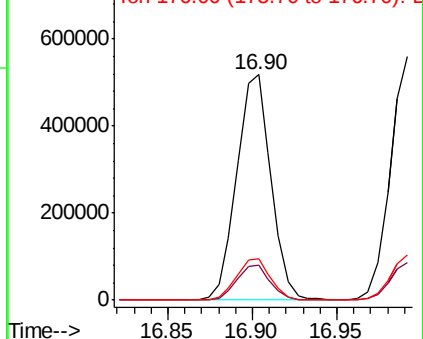
178 100

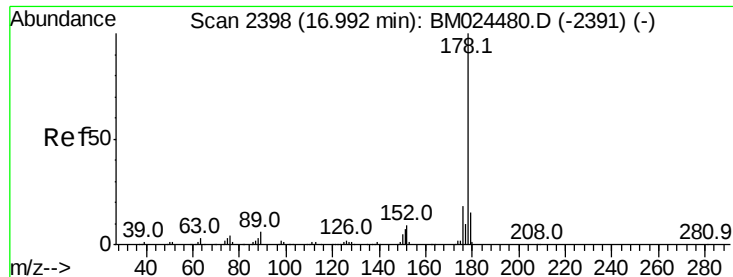
179 15.3 12.3 18.5

176 18.4 14.9 22.3



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





#72

Anthracene

Concen: 9.573 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

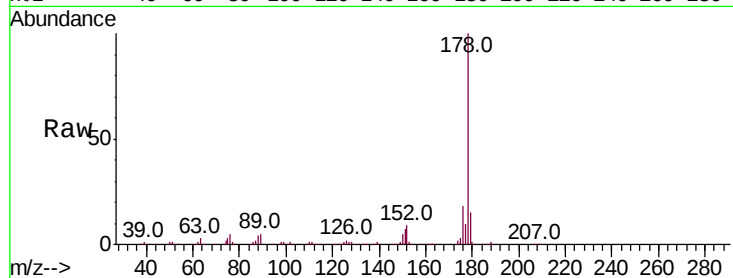
Tot Ion:178 Resp: 744618

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

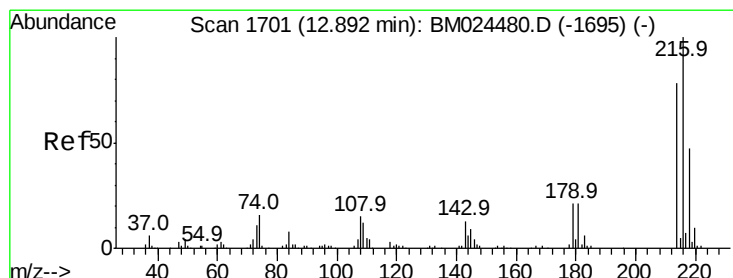
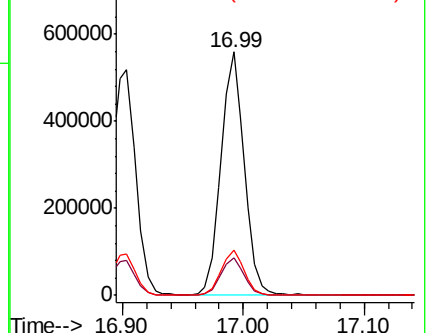
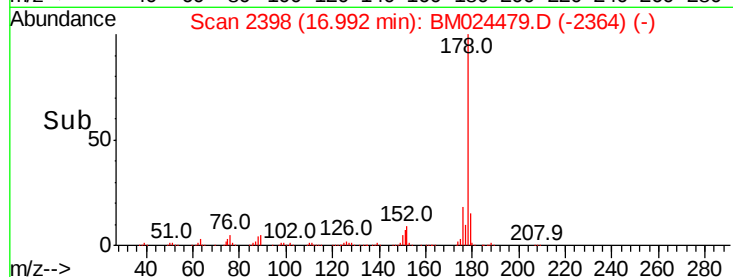
176 18.5 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 8.562 ng/uL

RT: 12.89 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

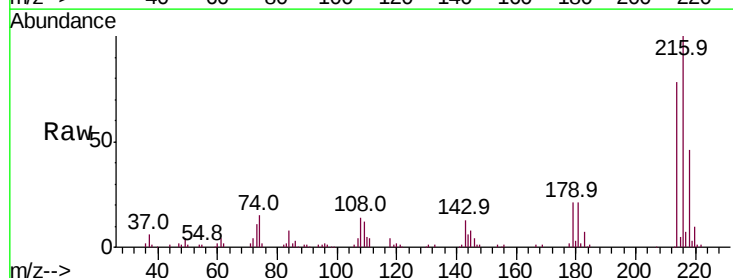
Tgt Ion:216 Resp: 189404

Ion Ratio Lower Upper

216 100

214 78.3 62.1 93.1

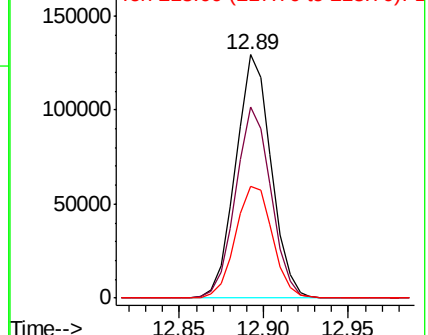
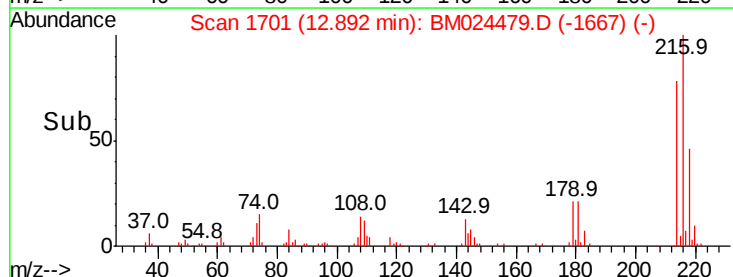
218 45.7 37.4 56.0

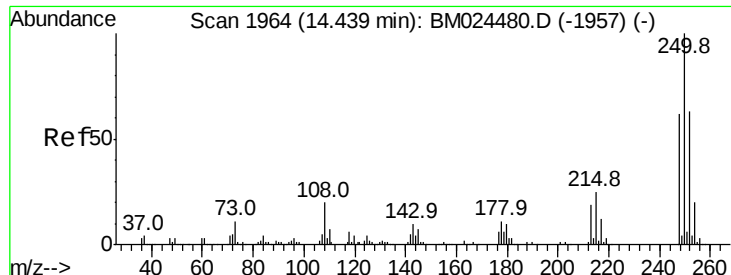


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 9.566 ng/uL

RT: 14.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

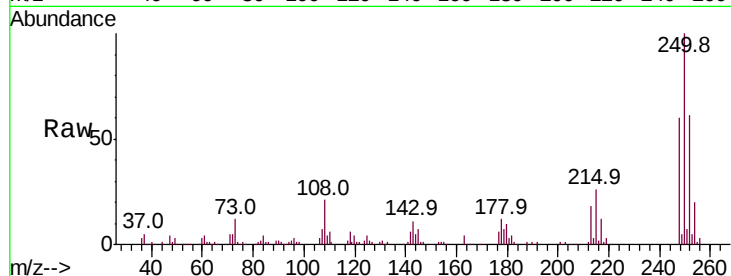
Tot Ion:250 Resp: 203795

Ion Ratio Lower Upper

250 100

248 60.3 49.8 74.8

252 61.4 50.6 76.0

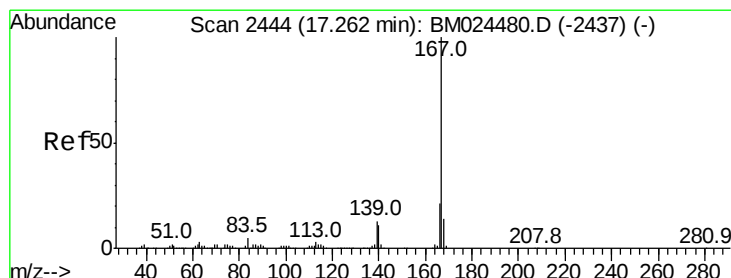
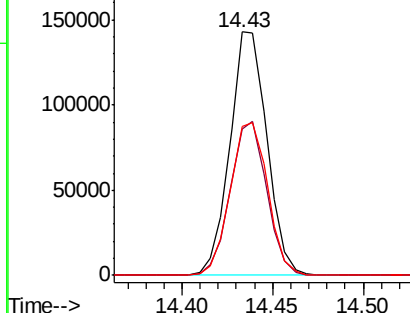
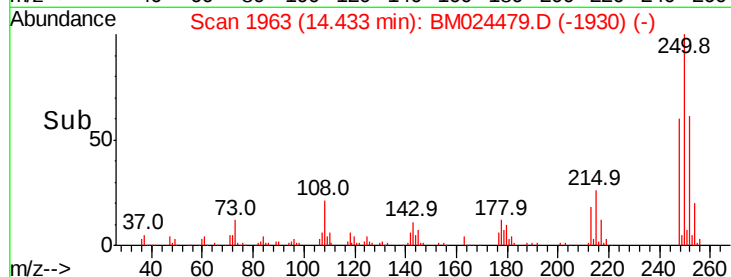


Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 9.045 ng/uL

RT: 17.26 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

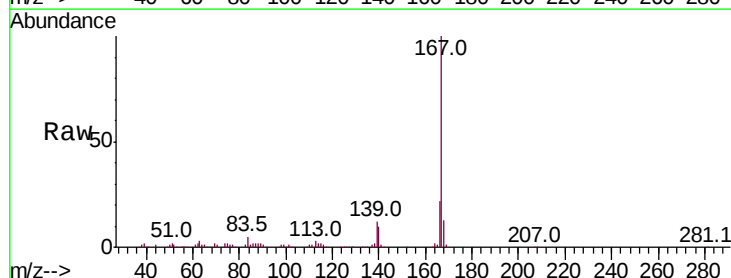
Tgt Ion:167 Resp: 607285

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.3 10.6 15.8

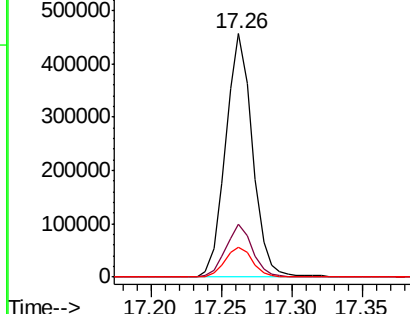
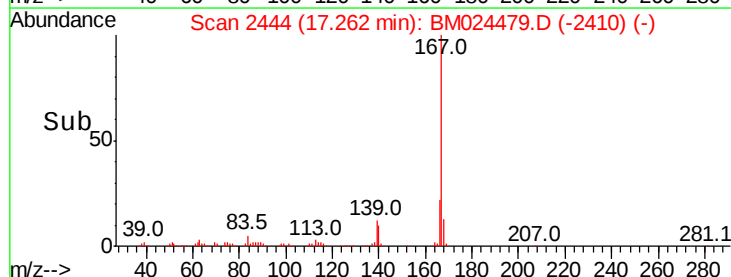


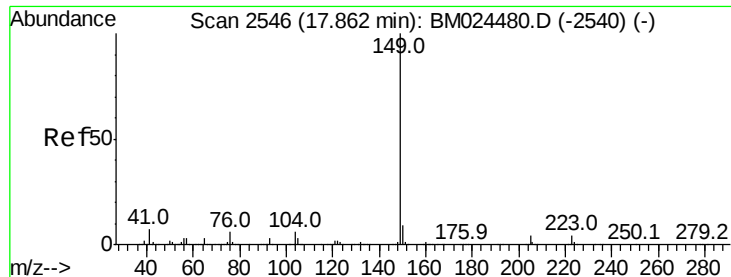
Abundance

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

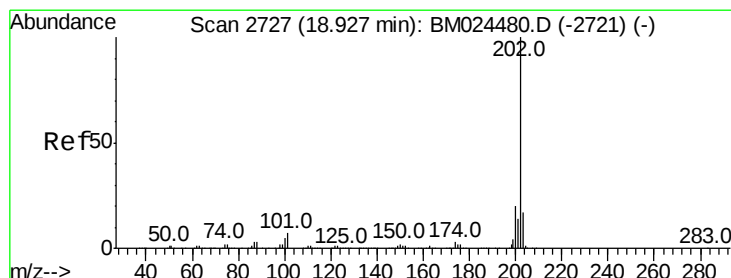
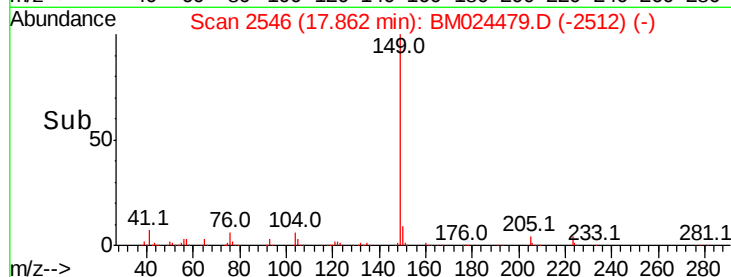
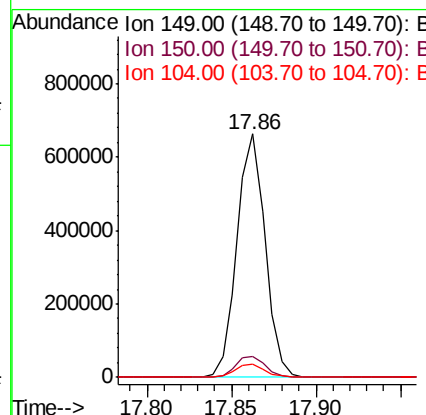
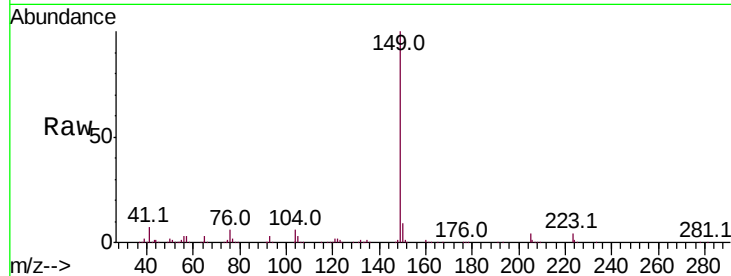




#76  
Di-n-butylphthalate  
Concen: 9.792 ng/ul  
RT: 17.86 min Scan# 2546  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

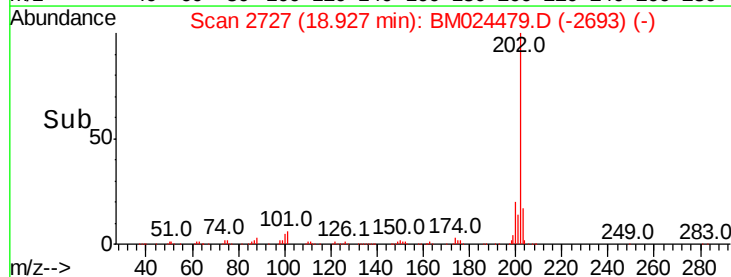
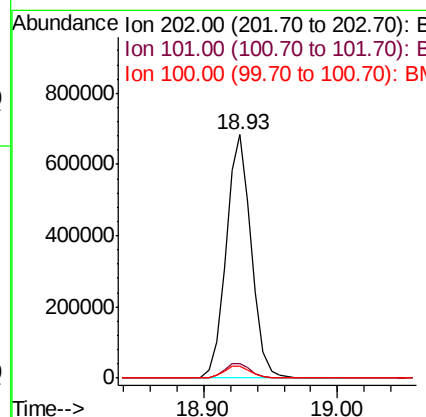
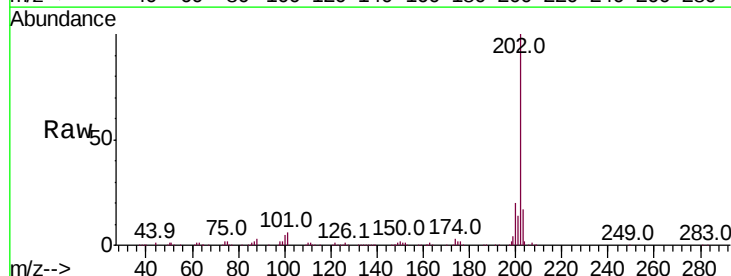
Instrument :  
BNA\_M  
ClientSampleId :

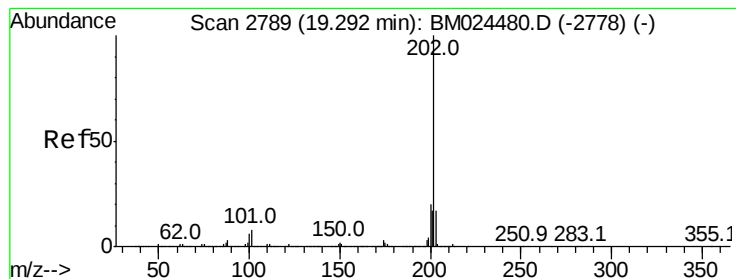
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.5   | 7.4   | 11.2  |
| 104     | 5.7   | 4.4   | 6.6   |



#77  
Fluoranthene  
Concen: 10.205 ng/ul  
RT: 18.93 min Scan# 2727  
Delta R.T. 0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 5.9   | 5.4   | 8.2   |
| 100     | 5.2   | 4.3   | 6.5   |





#80

Pvrene

Concen: 9.526 ng/ul

RT: 19.29 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

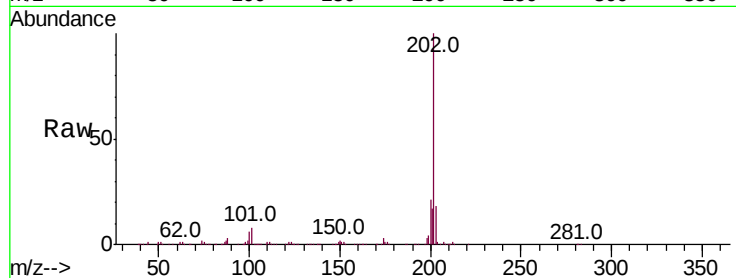
Tot Ion:202 Resp: 938983

Ion Ratio Lower Upper

202 100

101 7.6 6.5 9.7

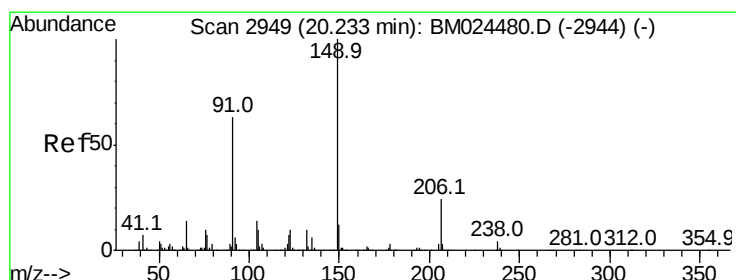
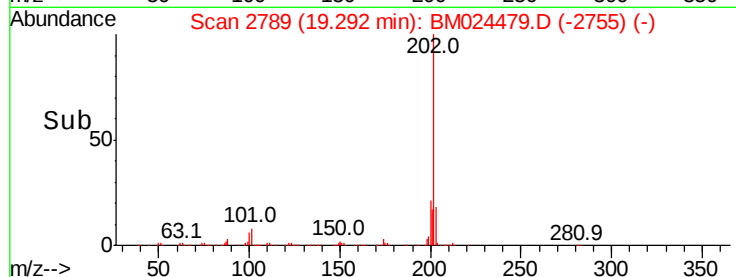
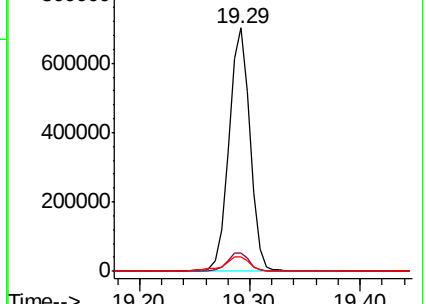
100 6.1 5.0 7.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 8.492 ng/ul

RT: 20.23 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

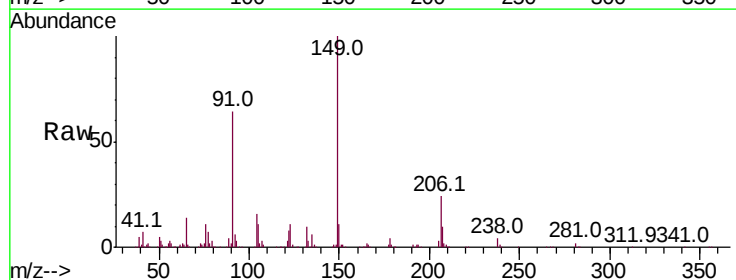
Tgt Ion:149 Resp: 301300

Ion Ratio Lower Upper

149 100

91 64.3 50.6 75.8

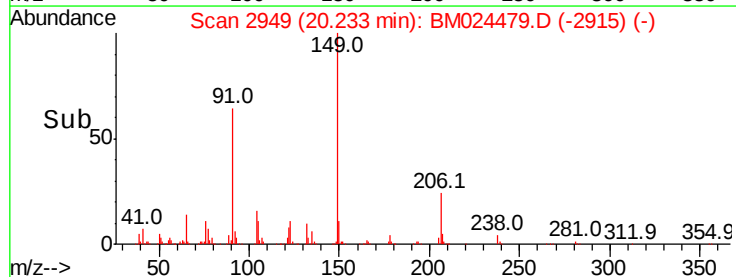
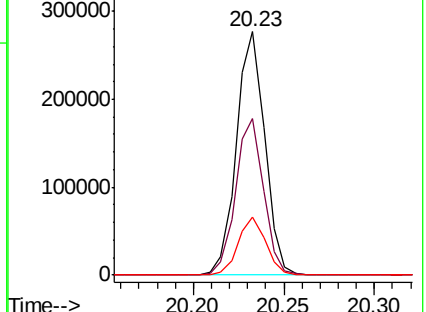
206 24.0 19.0 28.6

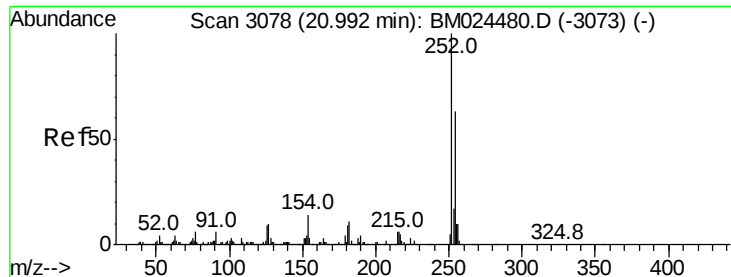


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

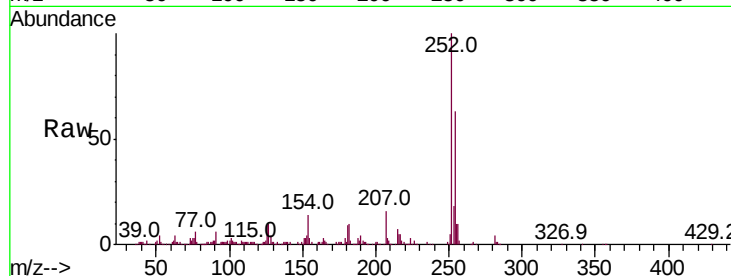




#82  
 3,3'-Dichlorobenzidine  
 Concen: 8.650 ng/ul  
 RT: 20.99 min Scan# 3078  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.6  | 50.0  | 75.0  |
| 126     | 9.5   | 6.9   | 10.3  |

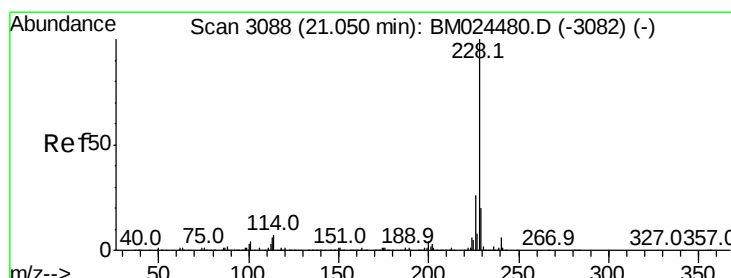
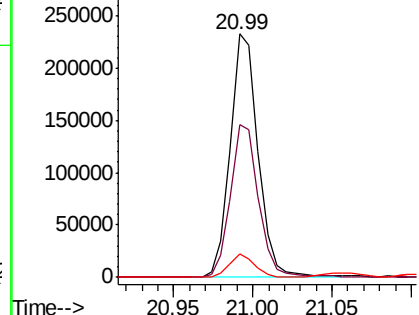
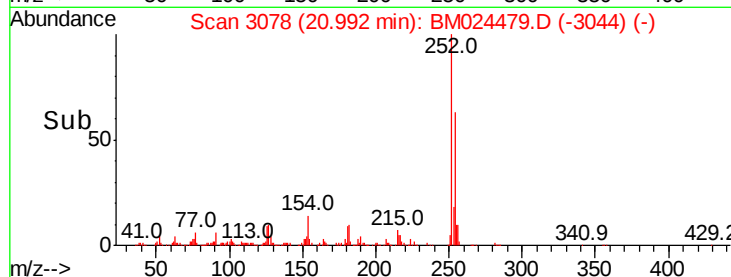


Abundance

Ion 252.00 (251.70 to 252.70): E

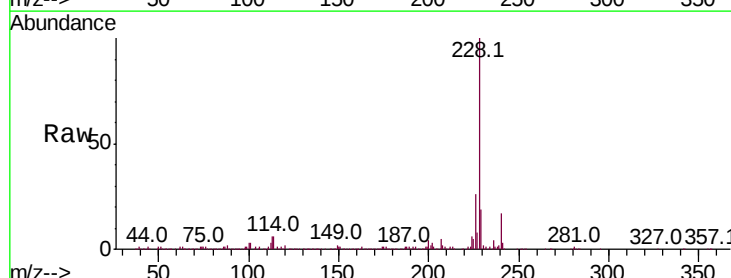
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83  
 Benzo(a)anthracene  
 Concen: 9.735 ng/ul  
 RT: 21.05 min Scan# 3088  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.0  | 15.9  | 23.9  |
| 226     | 26.1  | 21.1  | 31.7  |

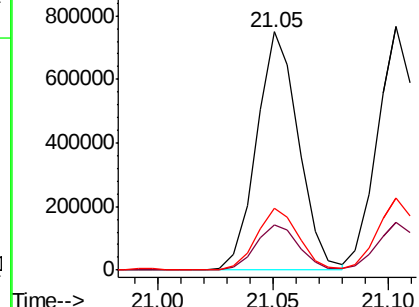
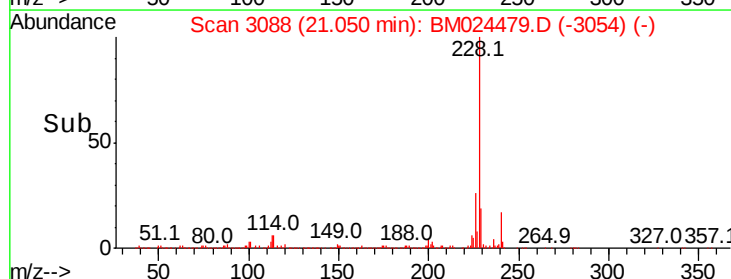


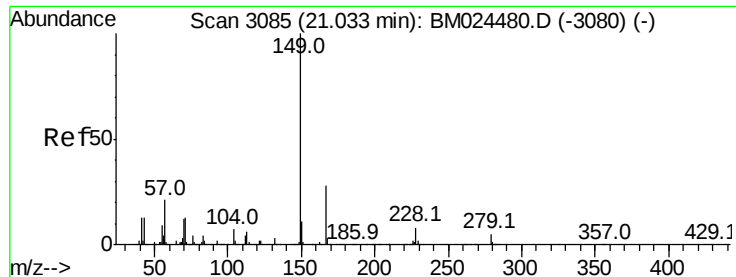
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

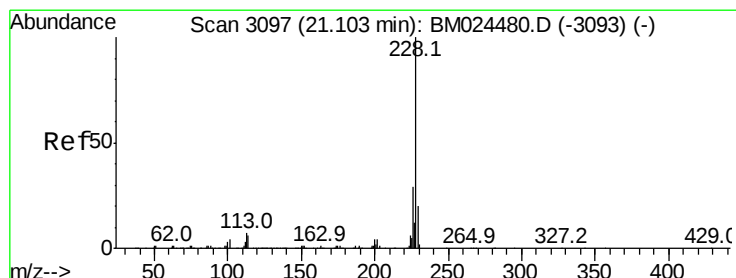
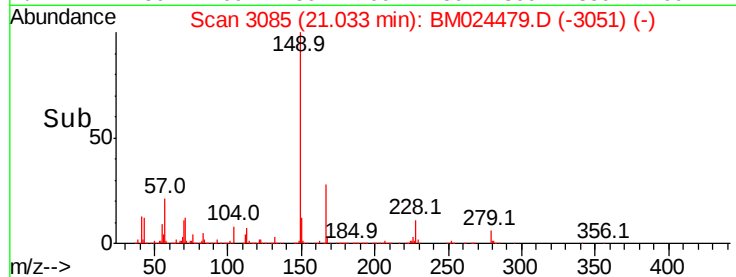
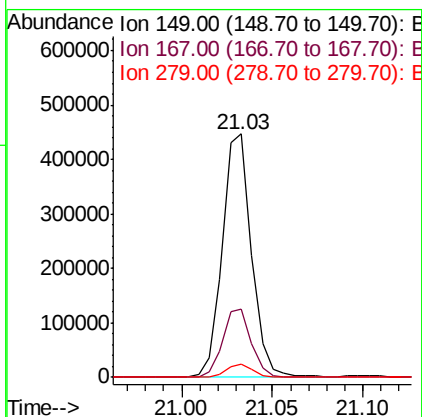
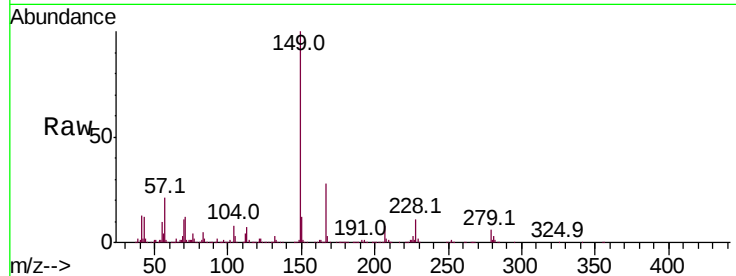




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 9.216 ng/ul  
 RT: 21.03 min Scan# 3085  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

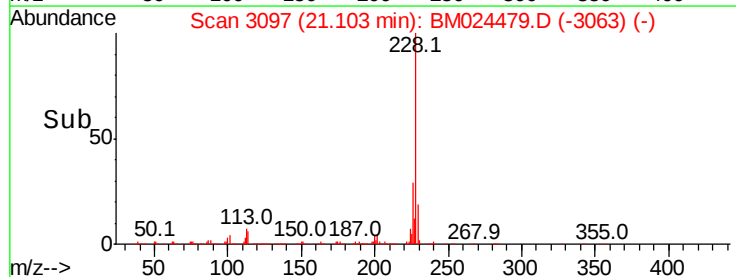
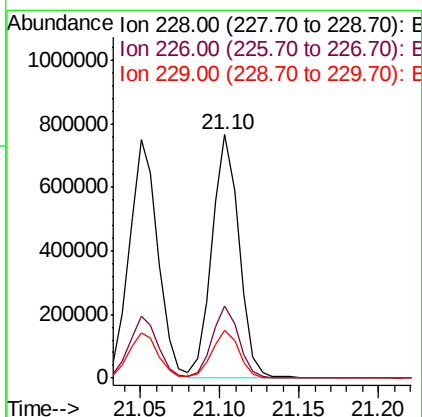
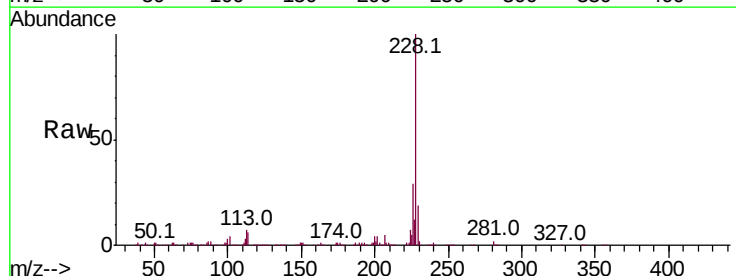
Instrument :  
 BNA\_M  
 ClientSampleId :

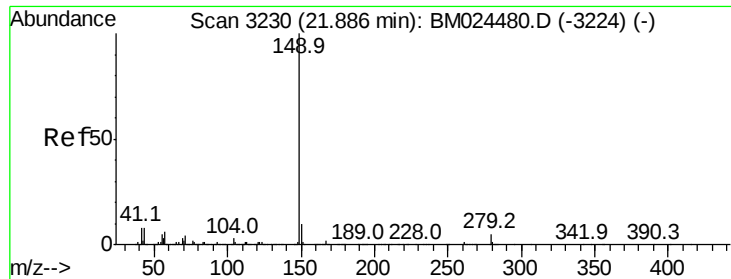
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.9  | 22.3  | 33.5  |
| 279     | 5.6   | 4.1   | 6.1   |



#85  
 Chrysene  
 Concen: 9.666 ng/ul  
 RT: 21.10 min Scan# 3097  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 23.4  | 35.2  |
| 229     | 19.4  | 16.1  | 24.1  |

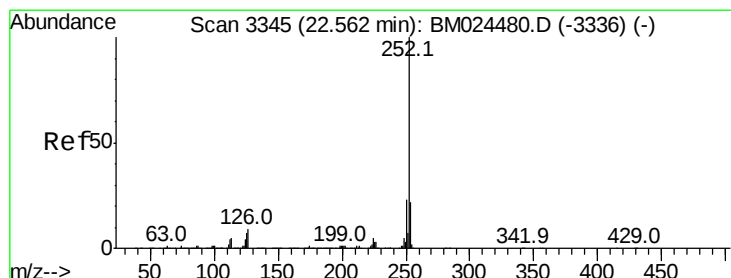
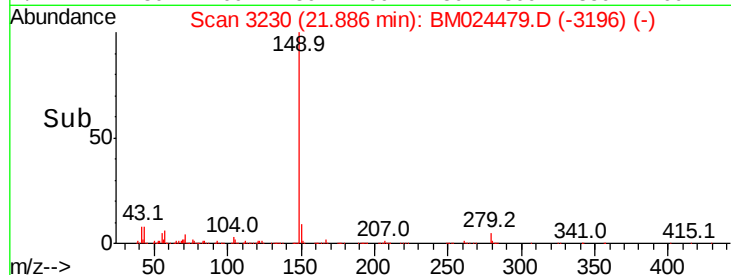
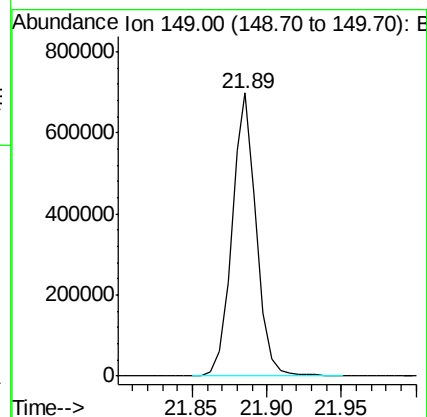
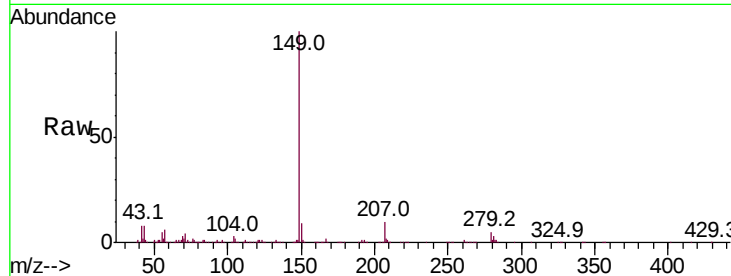




#87  
 Di-n-octyl phthalate  
 Concen: 9.808 ng/ul  
 RT: 21.89 min Scan# 3230  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Instrument :  
 BNA\_M  
 ClientSampled :

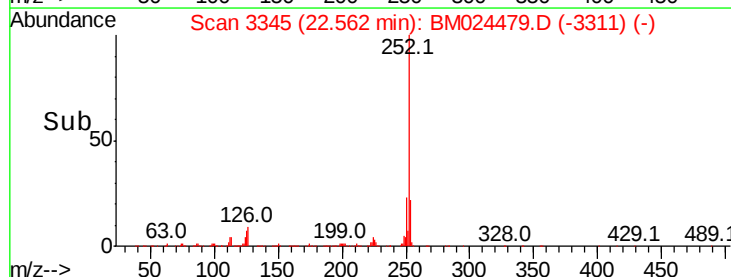
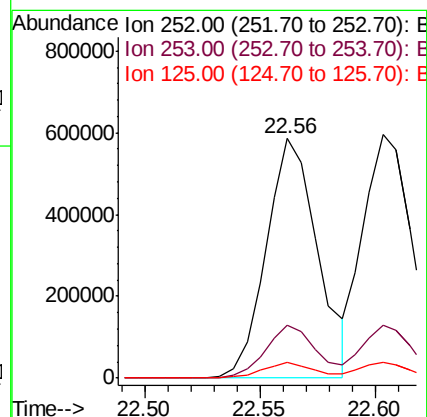
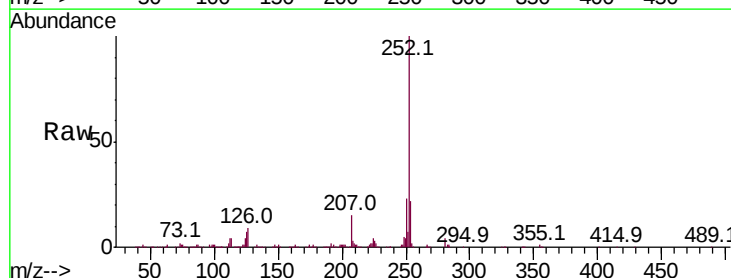
Tgt Ion:149 Resp: 788814

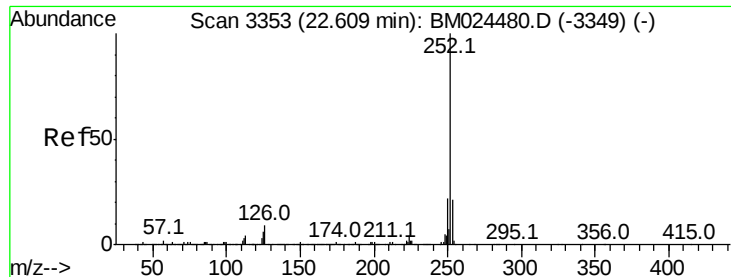


#88  
 Benzo(b)fluoranthene  
 Concen: 10.234 ng/ul  
 RT: 22.56 min Scan# 3345  
 Delta R.T. -0.00 min  
 Lab File: BM024479.D  
 Acq: 15 Jan 2020 18:45

Tgt Ion:252 Resp: 904615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.8  | 26.6  |
| 125 | 6.8   | 5.3   | 7.9   |





#89

Benzo(k)fluoranthene

Concen: 10.205 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

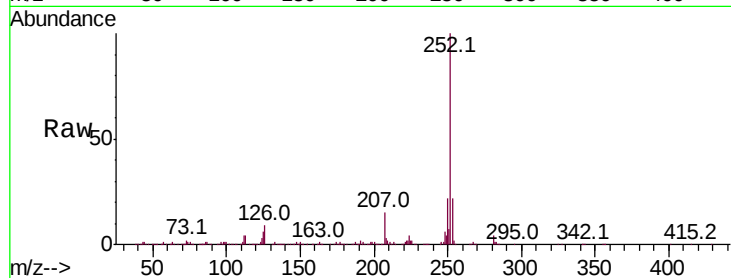
Tot Ion:252 Resp: 884389

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

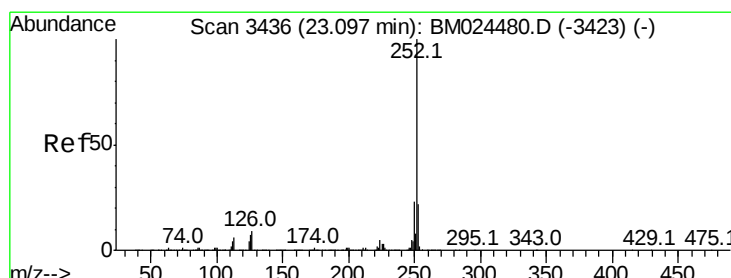
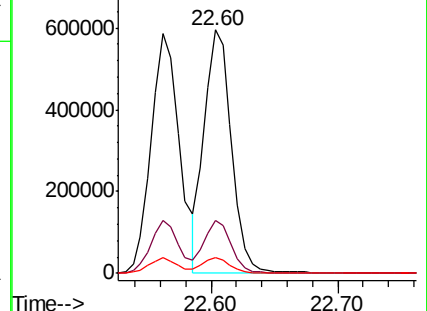
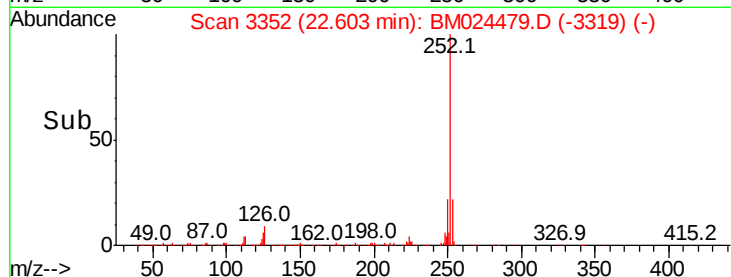
125 6.3 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 9.641 ng/ul

RT: 23.10 min Scan# 3436

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

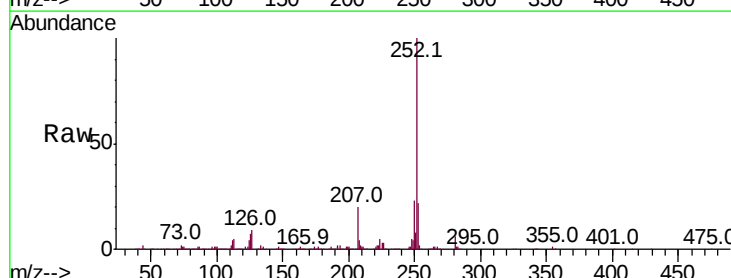
Tgt Ion:252 Resp: 790067

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

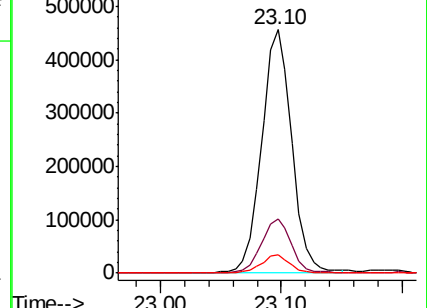
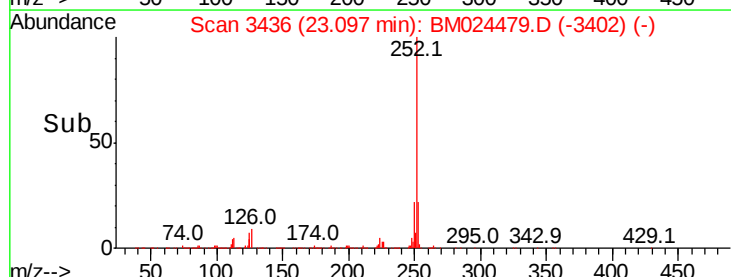
125 7.4 5.7 8.5

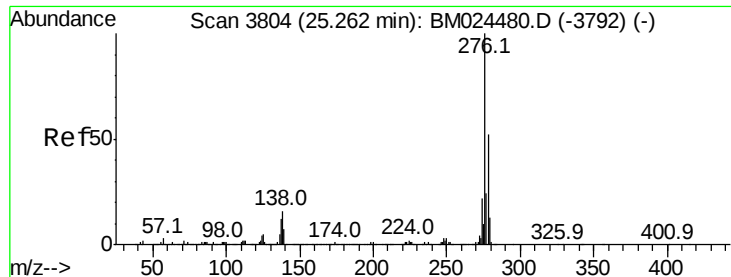


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



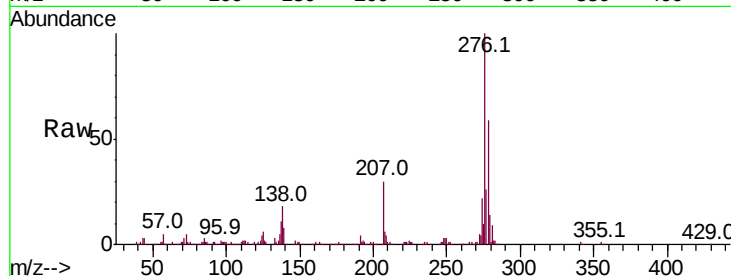


#92

Indeno(1,2,3-cd)pyrene  
Concen: 7.920 ng/ul  
RT: 25.26 min Scan# 3804  
Delta R.T. -0.00 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 17.5  | 12.5  | 18.7  |
| 277     | 25.8  | 19.0  | 28.6  |

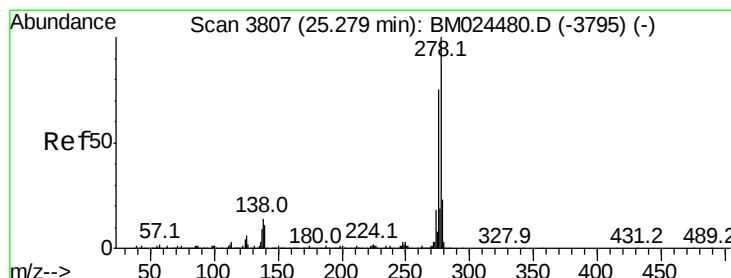
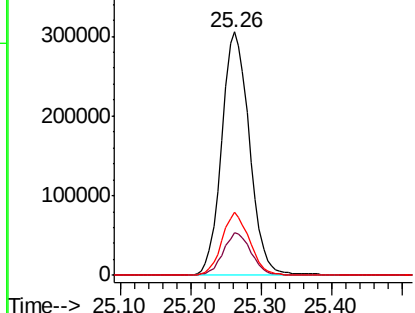
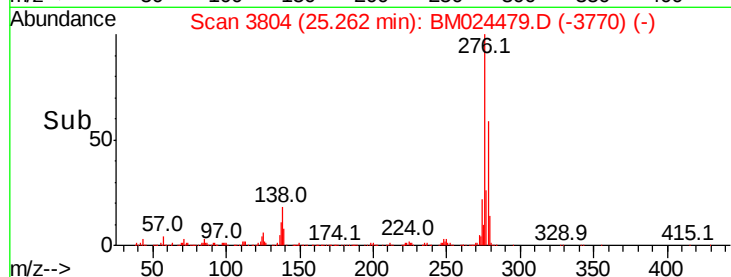


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

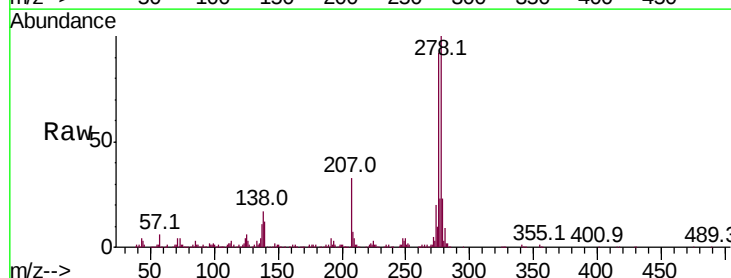
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene  
Concen: 7.858 ng/ul  
RT: 25.27 min Scan# 3806  
Delta R.T. -0.01 min  
Lab File: BM024479.D  
Acq: 15 Jan 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.8  | 8.7   | 13.1  |
| 279     | 23.0  | 18.6  | 27.8  |

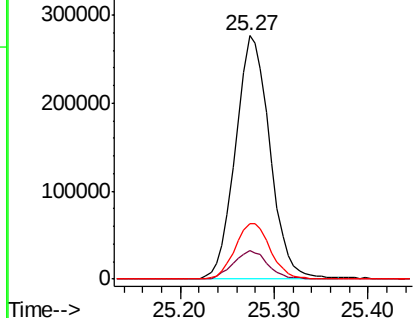
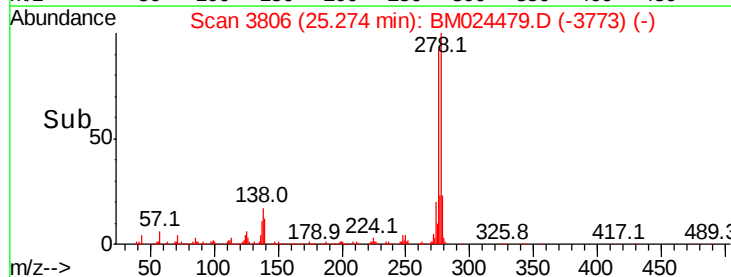


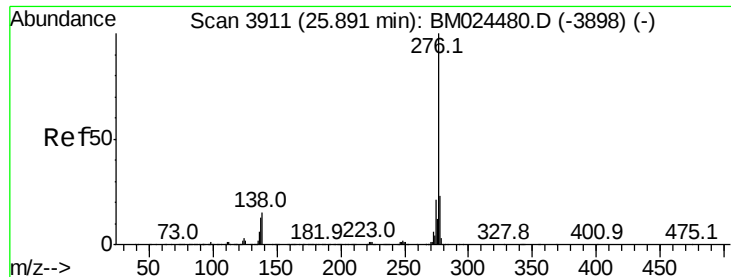
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 7.548 ng/ul

RT: 25.89 min Scan# 3911

Delta R.T. 0.00 min

Lab File: BM024479.D

Acq: 15 Jan 2020 18:45

Instrument :

BNA\_M

ClientSampleId :

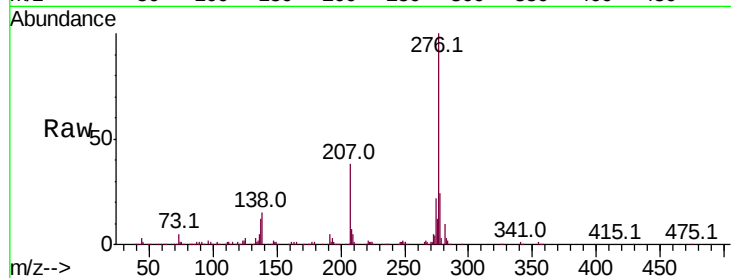
Tot Ion:276 Resp: 668392

Ion Ratio Lower Upper

276 100

138 14.6 12.2 18.2

277 24.2 18.8 28.2



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

