

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010820\  
 Data File : BN009326.D  
 Acq On : 08 Jan 2020 11:13  
 Operator : JU  
 Sample : PB125883BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS883

Manual Integrations  
 APPROVED

mohammad  
 1/9/2020 12:11:20 PM

Quant Time: Jan 08 11:48:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM01-EPA-BN010620.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 17:39:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.48  | 152  | 225691   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 986030   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.12 | 164  | 660127   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 1409331  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 1244243  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.19 | 264  | 1174711  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 37720   | 7.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.68  | 99  | 692123  | 34.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 491070  | 35.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 532650  | 36.33 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 568831  | 34.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.62  | 128 | 272575  | 37.72 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.33  | 143 | 310367  | 38.54 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.87  | 165 | 558188  | 36.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.38 | 131 | 773068  | 43.31 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.54 | 166 | 1722702 | 35.31 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.80 | 160 | 2087425 | 35.77 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.35 | 143 | 328970  | 35.60 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.12 | 176 | 1481091 | 34.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 309646  | 34.19 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.96 | 188 | 2294354 | 35.86 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.27 | 212 | 2461425 | 36.39 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.06 | 264 | 2109789 | 36.03 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.13  | 88  | 81936   | 14.379 | ng/uL 94  |
| 4) Benzaldehyde                | 6.64  | 77  | 527645m | 46.153 | ng/ul     |
| 6) Phenol                      | 6.70  | 94  | 689139  | 32.815 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 6.92  | 93  | 553910  | 32.967 | ng/ul 99  |
| 10) 2-Chlorophenol             | 7.05  | 128 | 516515  | 34.477 | ng/ul 97  |
| 11) 2-Methylphenol             | 7.93  | 108 | 521410  | 32.863 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.00  | 45  | 1371017 | 34.369 | ng/ul 99  |
| 14) Acetophenone               | 8.29  | 105 | 865927  | 33.117 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.29  | 70  | 481446  | 33.017 | ng/ul 97  |
| 16) 4-Methylphenol             | 8.26  | 108 | 577927  | 32.945 | ng/ul 97  |
| 17) Hexachloroethane           | 8.53  | 117 | 237253  | 34.636 | ng/ul 95  |
| 20) Nitrobenzene               | 8.66  | 77  | 720342  | 35.515 | ng/ul 96  |
| 21) Isophorone                 | 9.19  | 82  | 1321988 | 33.922 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.36  | 139 | 306971  | 35.562 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.44  | 107 | 661788  | 34.622 | ng/ul 97  |
| 25) Bis(2-Chloroethoxy)methane | 9.67  | 93  | 788694  | 33.633 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 9.89  | 162 | 523908  | 34.629 | ng/ul 97  |
| 28) Naphthalene                | 10.28 | 128 | 1764724 | 33.705 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.40 | 127 | 723362  | 40.678 | ng/ul 97  |
| 31) Hexachlorobutadiene        | 10.58 | 225 | 339630  | 34.541 | ng/ul 96  |
| 32) Caprolactam                | 11.18 | 113 | 180515m | 33.005 | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 11.54 | 107 | 633101  | 33.922 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 11.90 | 142 | 1248527 | 33.759 | ng/ul 100 |

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Instrument :  
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Manual Integrations  
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Quant Time: Jan 08 11:48:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM01-EPA-BN010620.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 17:39:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.13 | 142  | 1285534  | 34.053 | ng/ul | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.28 | 216  | 637227   | 33.472 | ng/ul | 98       |
| 38) Hexachlorocyclopentadiene  | 12.26 | 237  | 399098   | 33.523 | ng/ul | 100      |
| 39) 2,4,6-Trichlorophenol      | 12.53 | 196  | 418160   | 33.795 | ng/ul | 98       |
| 40) 2,4,5-Trichlorophenol      | 12.60 | 196  | 451204   | 33.937 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 12.94 | 154  | 1639607  | 33.258 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 12.97 | 162  | 1288984  | 33.348 | ng/ul | 98       |
| 43) 2-Nitroaniline             | 13.19 | 65   | 512400   | 35.351 | ng/ul | 99       |
| 45) Dimethylphthalate          | 13.59 | 163  | 1677659  | 33.463 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 13.70 | 165  | 351594   | 34.945 | ng/ul | 98       |
| 48) Acenaphthylene             | 13.83 | 152  | 2082042  | 33.411 | ng/ul | 100      |
| 49) 3-Nitroaniline             | 14.03 | 138  | 355472   | 39.826 | ng/ul | 98       |
| 50) Acenaphthene               | 14.18 | 153  | 1410234  | 33.654 | ng/ul | 97       |
| 51) 2,4-Dinitrophenol          | 14.25 | 184  | 200271   | 31.803 | ng/ul | 96       |
| 53) 4-Nitrophenol              | 14.36 | 109  | 277570   | 34.959 | ng/ul | 94       |
| 54) Dibenzofuran               | 14.52 | 168  | 1971075  | 33.986 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.50 | 165  | 508431   | 34.699 | ng/ul | 97       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.75 | 232  | 394441   | 33.883 | ng/ul | 98       |
| 57) Diethylphthalate           | 14.97 | 149  | 1725394  | 33.071 | ng/ul | 99       |
| 59) Fluorene                   | 15.17 | 166  | 1623102  | 33.233 | ng/ul | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.17 | 204  | 809345   | 33.223 | ng/ul | 98       |
| 61) 4-Nitroaniline             | 15.20 | 138  | 382859   | 37.618 | ng/ul | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.27 | 198  | 317541   | 33.354 | ng/ul | 98       |
| 65) N-Nitrosodiphenylamine     | 15.39 | 169  | 1373258  | 33.339 | ng/ul | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.07 | 248  | 489719   | 34.032 | ng/ul | 95       |
| 67) Hexachlorobenzene          | 16.18 | 284  | 547019   | 33.904 | ng/ul | 96       |
| 68) Atrazine                   | 16.36 | 200  | 536473   | 34.252 | ng/ul | 97       |
| 69) Pentachlorophenol          | 16.53 | 266  | 320543   | 32.911 | ng/ul | 97       |
| 70) Phenanthrene               | 16.91 | 178  | 2614757  | 33.569 | ng/ul | 99       |
| 72) Anthracene                 | 17.00 | 178  | 2660349  | 33.782 | ng/ul | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.90 | 216  | 681833   | 35.769 | ng/uL | 97       |
| 74) Pentachlorobenzene         | 14.44 | 250  | 713317   | 38.646 | ng/uL | 97       |
| 75) Carbazole                  | 17.27 | 167  | 2247668  | 33.545 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 17.86 | 149  | 3050846  | 34.494 | ng/ul | 100      |
| 77) Fluoranthene               | 18.93 | 202  | 2952269  | 32.977 | ng/ul | 100      |
| 80) Pvrene                     | 19.30 | 202  | 3100998  | 34.596 | ng/ul | 98       |
| 81) Butylbenzylphthalate       | 20.23 | 149  | 1343503  | 35.741 | ng/ul | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.00 | 252  | 1032155  | 39.117 | ng/ul | 97       |
| 83) Benzo(a)anthracene         | 21.06 | 228  | 2804180  | 33.148 | ng/ul | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.02 | 149  | 2018275  | 35.595 | ng/ul | 99       |
| 85) Chrysene                   | 21.11 | 228  | 2686613  | 32.636 | ng/ul | 98       |
| 87) Di-n-octyl phthalate       | 21.87 | 149  | 3271349  | 37.320 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.57 | 252  | 2474724  | 33.423 | ng/ul | 97       |
| 89) Benzo(k)fluoranthene       | 22.61 | 252  | 2587298  | 35.387 | ng/ul | 100      |
| 91) Benzo(a)pyrene             | 23.10 | 252  | 2238879  | 34.079 | ng/ul | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.28 | 276  | 2383824  | 33.485 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.29 | 278  | 2007722  | 33.569 | ng/ul | 97       |
| 94) Benzo(a,h,i)perylene       | 25.90 | 276  | 1884774  | 32.857 | ng/ul | 99       |

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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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1/9/2020 12:11:20 PM

Quant Time: Jan 08 11:48:46 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM01-EPA-BN010620.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 06 17:39:39 2020  
Response via : Initial Calibration

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

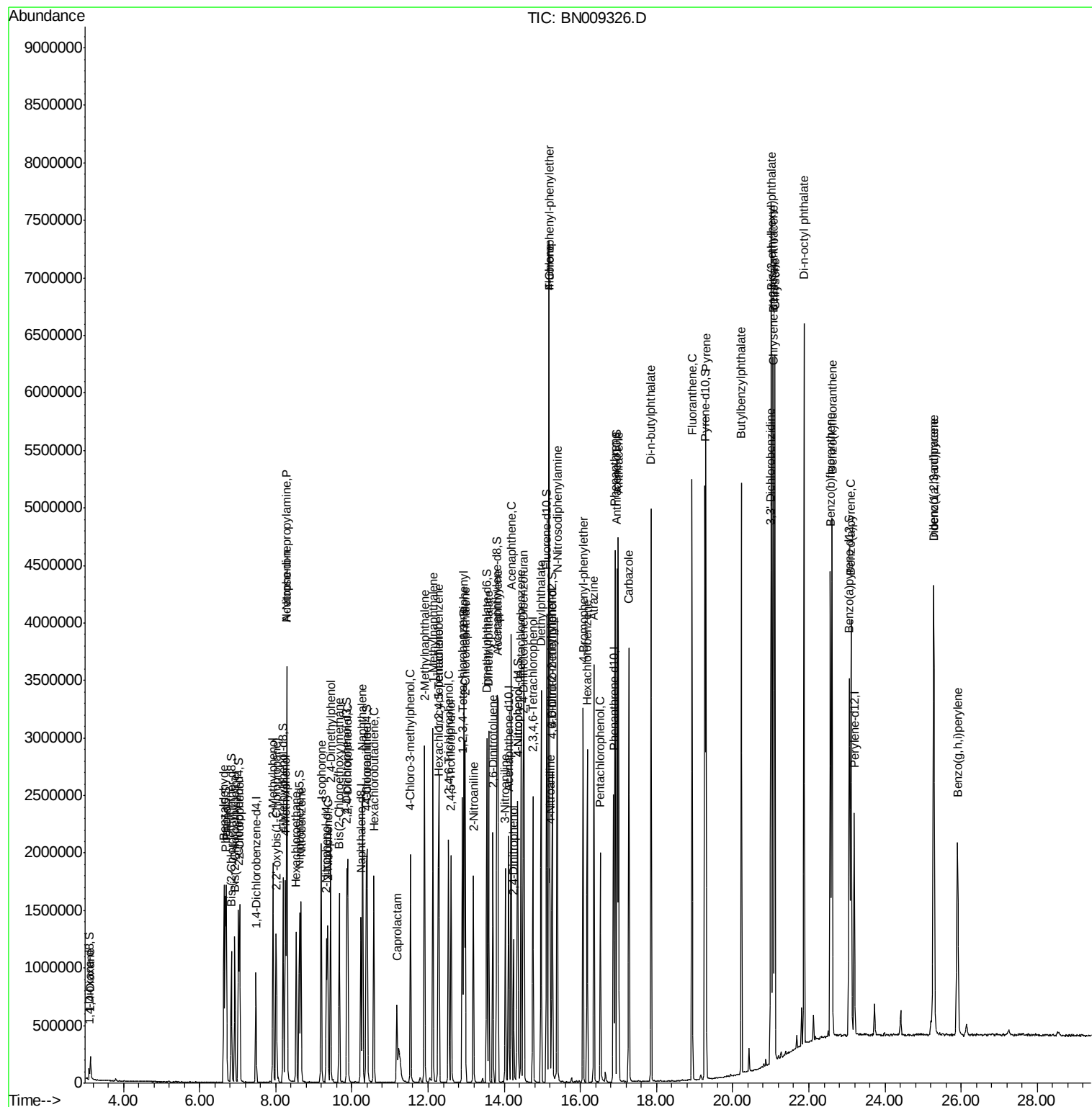
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010820\  
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 ALS Vial : 4 Sample Multiplier: 1

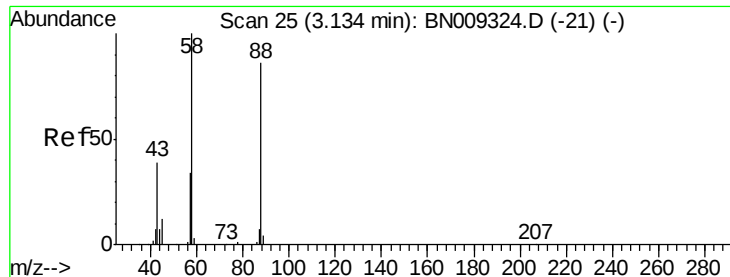
Instrument :  
 BNA\_N  
 ClientSampled :  
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 Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 14.379 ng/uL

RT: 3.13 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

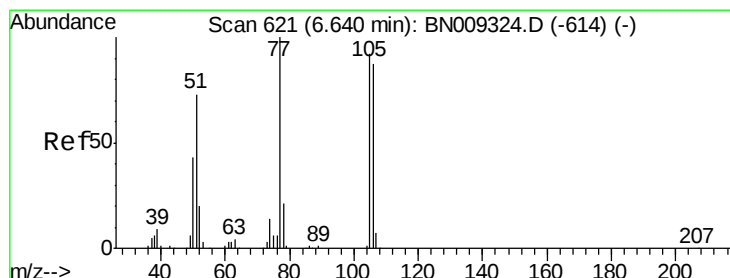
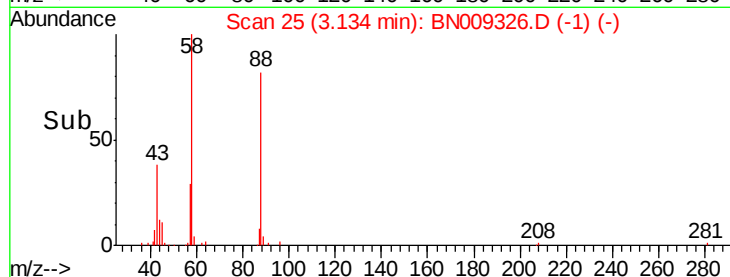
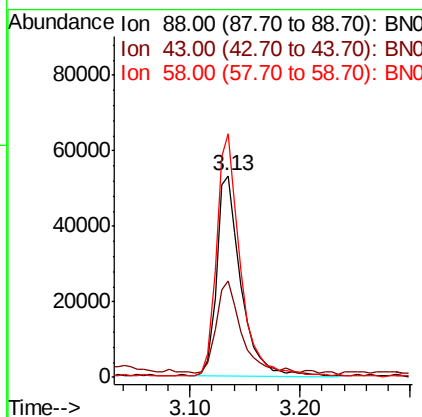
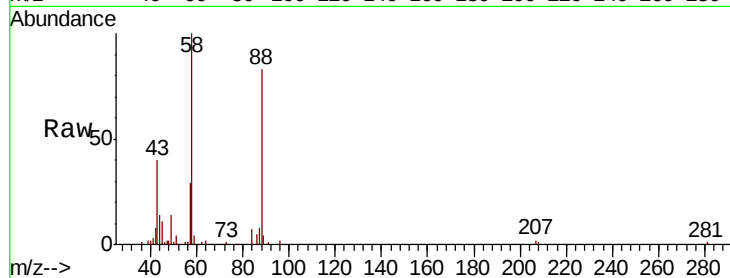
ClientSampleId :

SLCS883

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 81936 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 47.8  | 39.1  | 58.7  |
| 58       | 120.8 | 90.2  | 135.2 |

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#4

Benzaldehyde

Concen: 46.153 ng/uL

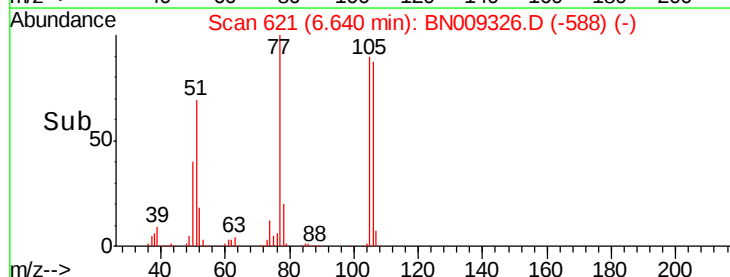
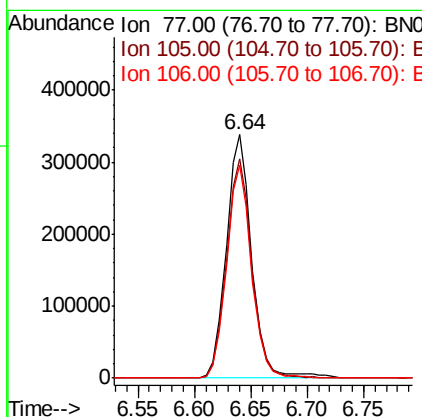
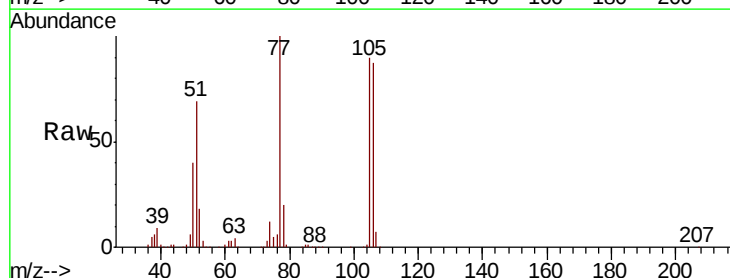
RT: 6.64 min Scan# 621

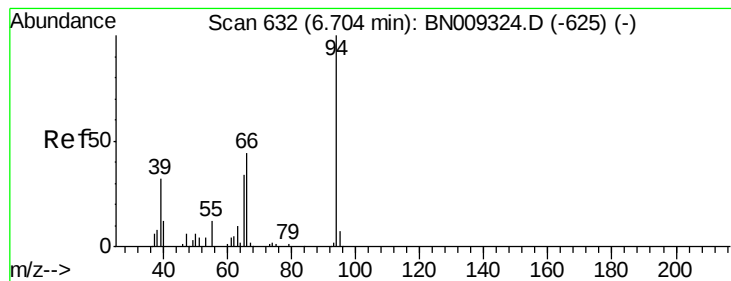
Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 527645 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 90.0  | 74.6  | 111.8  |
| 106      | 87.3  | 75.4  | 113.0  |





#6

Phenol

Concen: 32.815 ng/ul

RT: 6.70 min Scan# 632

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

ClientSampleId :

SLCS883

Tot Ion: 94 Resp: 689139

Ion Ratio Lower Upper

94 100

65 35.6 28.6 42.8

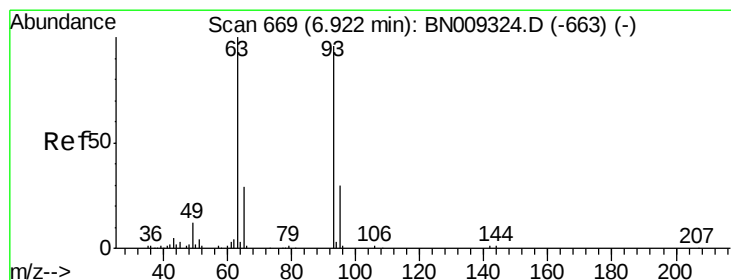
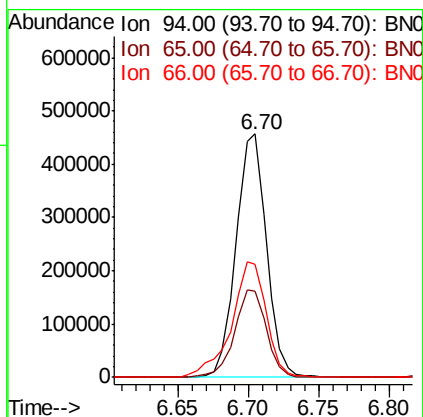
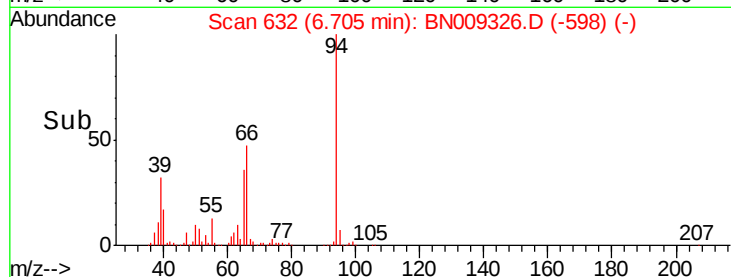
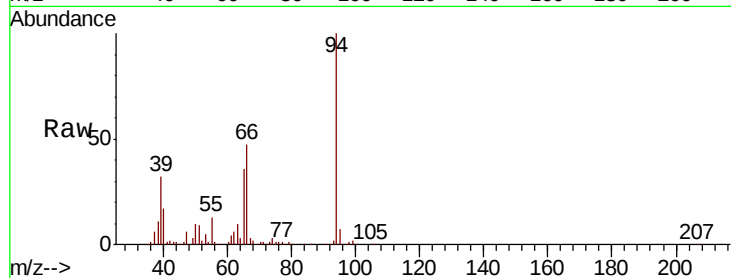
66 46.5 37.7 56.5

Manual Integrations

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#8

Bis(2-Chloroethyl)ether

Concen: 32.967 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

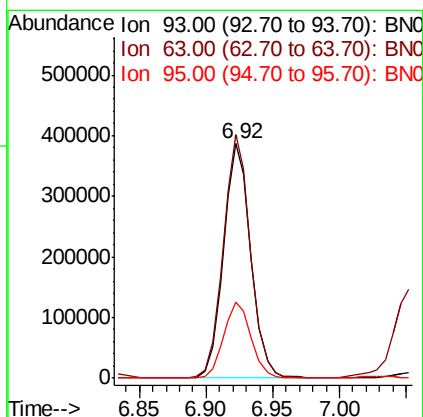
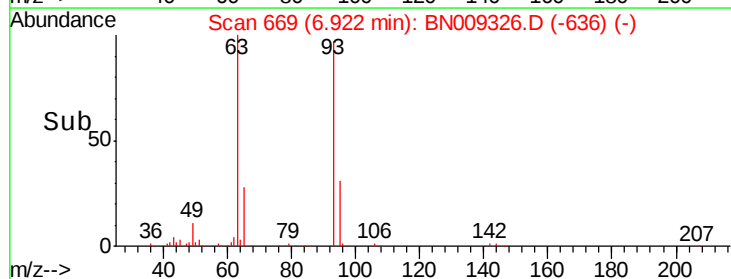
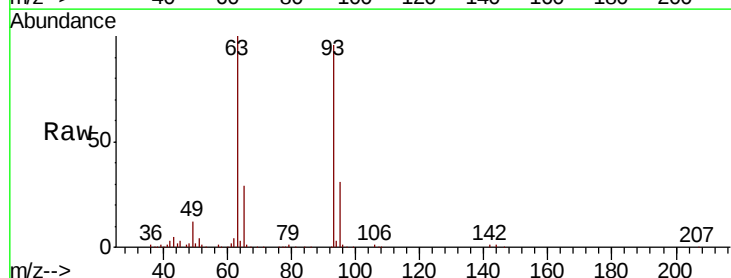
Tgt Ion: 93 Resp: 553910

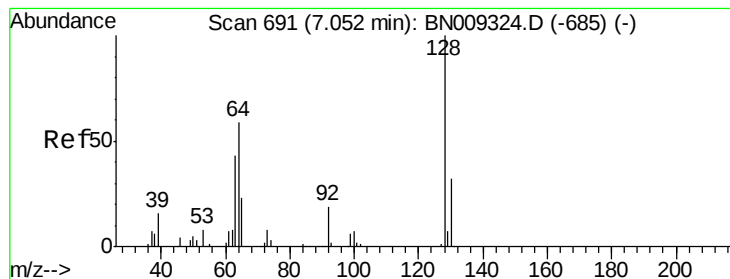
Ion Ratio Lower Upper

93 100

63 103.8 83.7 125.5

95 32.6 26.0 39.0





#10

2-Chlorophenol

Concen: 34.477 ng/ul

RT: 7.05 min Scan# 691

Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

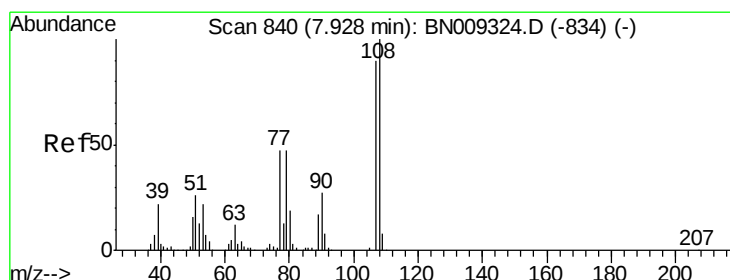
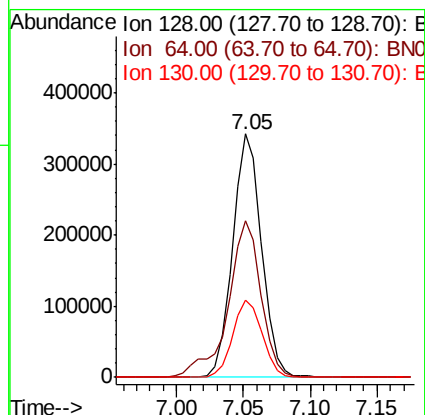
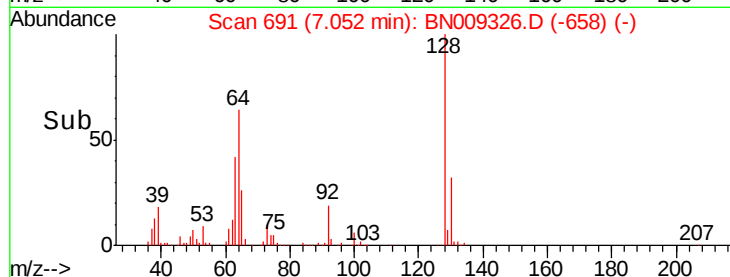
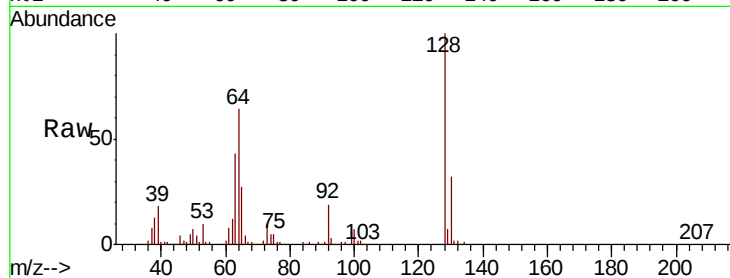
ClientSampled :

SLCS883

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 516515 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 64        | 64.1  | 52.3  | 78.5   |
| 130       | 31.5  | 27.4  | 41.0   |

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#11

2-Methylphenol

Concen: 32.863 ng/ul

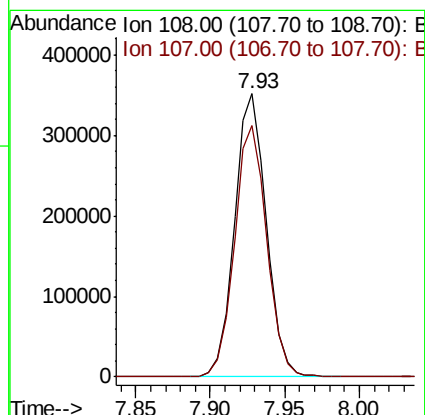
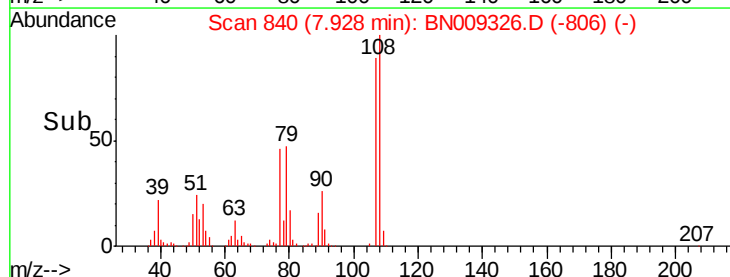
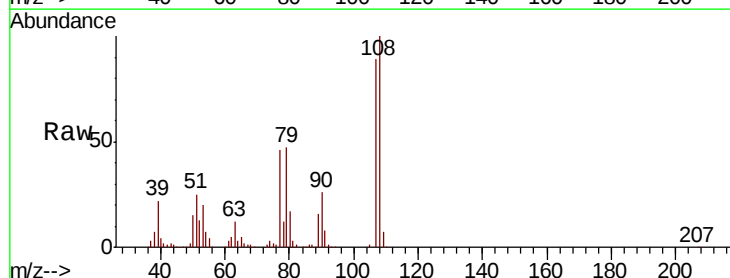
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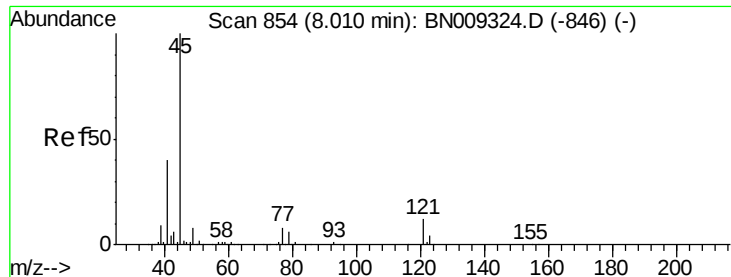
Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 108   | Resp: | 521410 |
| Ion Ratio | Lower | Upper |        |
| 108       | 100   |       |        |
| 107       | 88.9  | 69.2  | 103.8  |





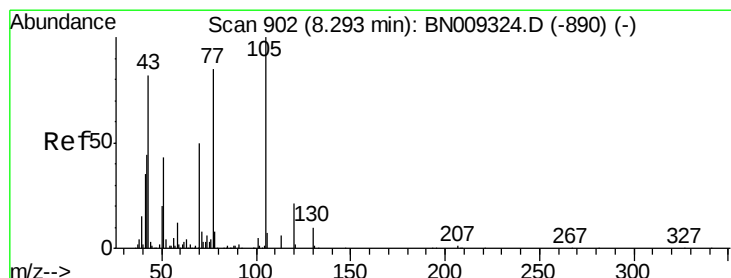
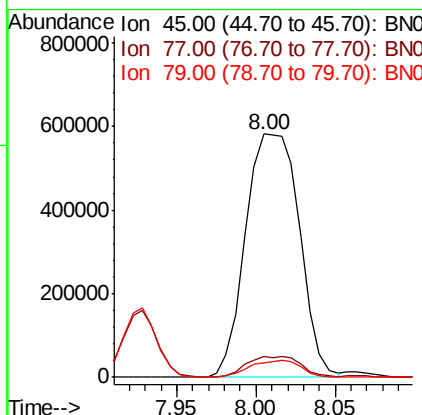
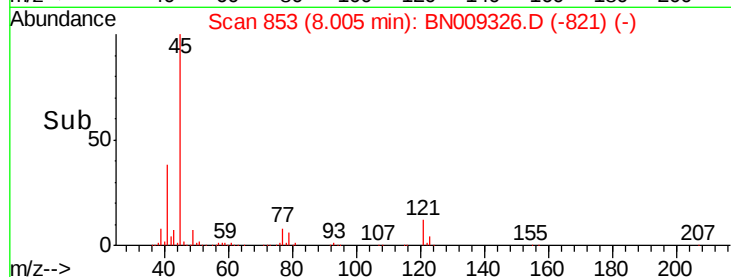
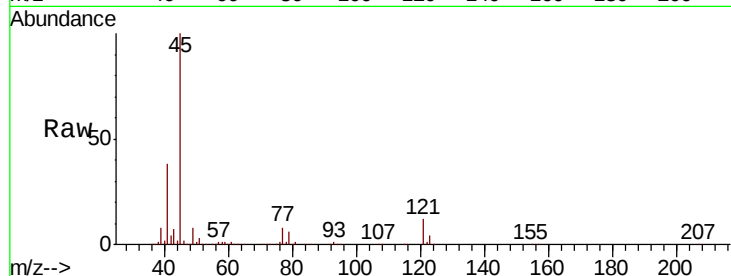
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 34.369 ng/ul  
RT: 8.00 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 8.4   | 7.0   | 10.6  |
| 79      | 5.9   | 5.2   | 7.8   |

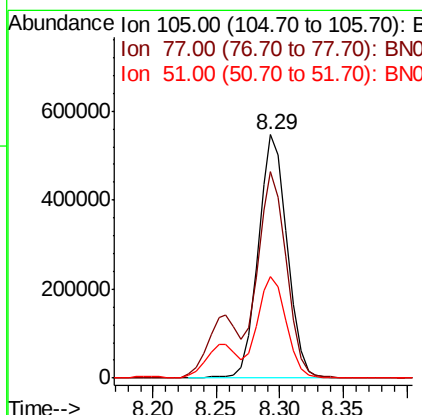
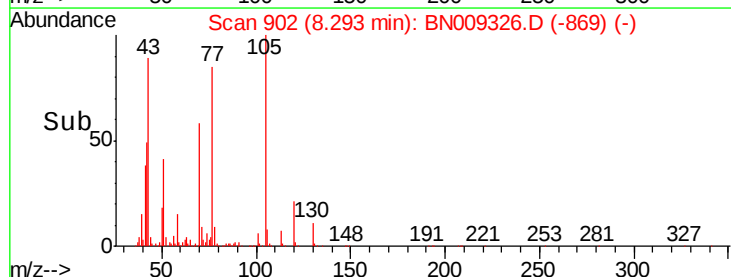
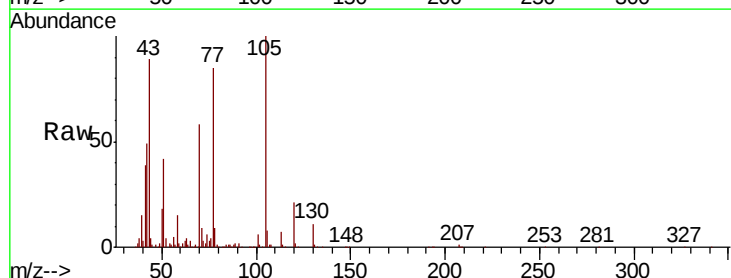
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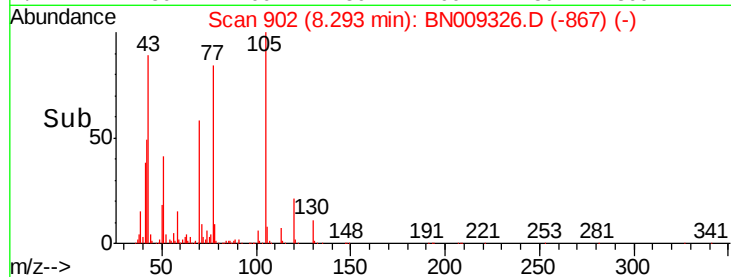
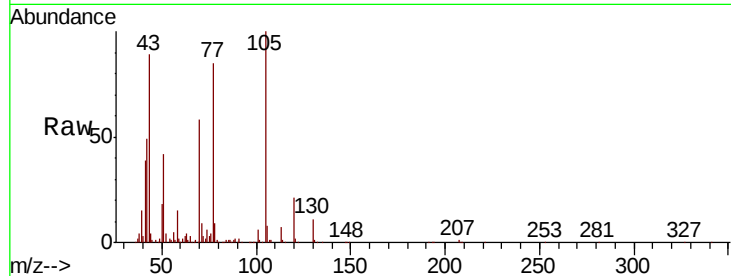
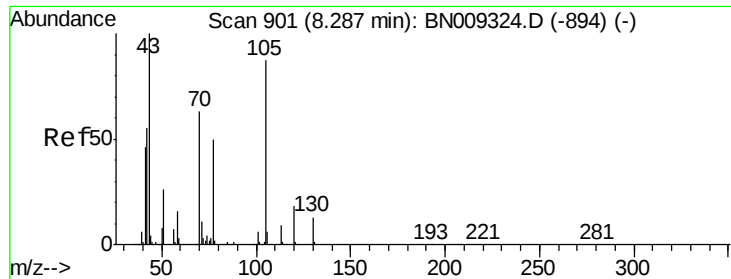
mohammad  
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#14  
Acetophenone  
Concen: 33.117 ng/ul  
RT: 8.29 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 84.6  | 65.8  | 98.6  |
| 51      | 41.5  | 32.9  | 49.3  |





#15

N-Nitroso-di-n-propylamine

Concen: 33.017 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. 0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

ClientSampleId :

SLCS883

Tot Ion: 70 Resp: 481446

Ion Ratio Lower Upper

70 100

42 84.2 64.6 97.0

101 10.2 7.6 11.4

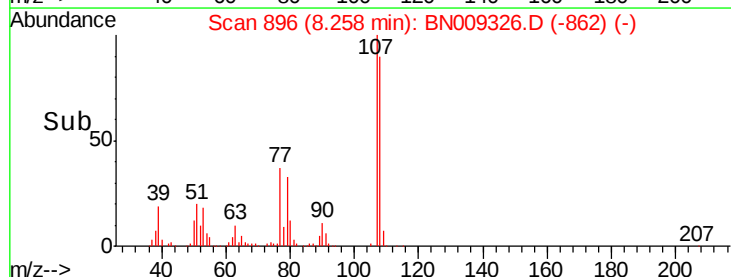
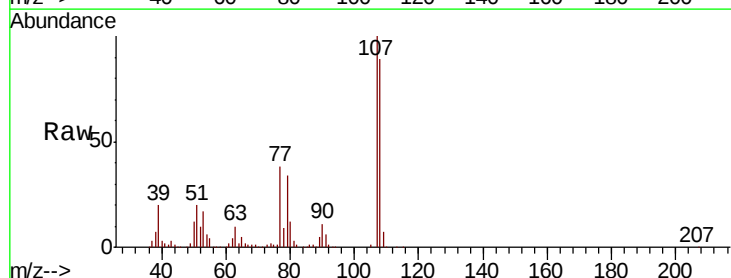
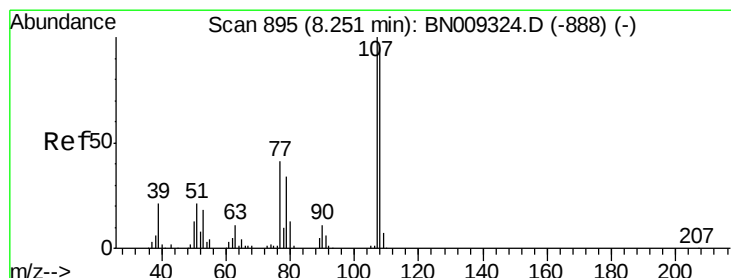
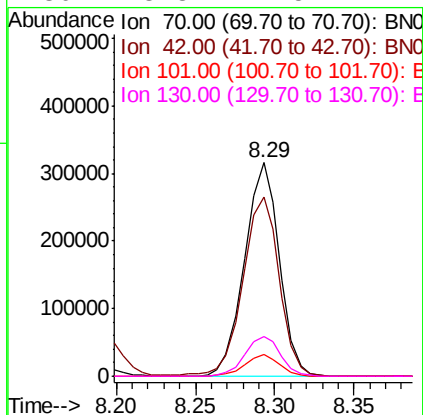
130 18.8 14.5 21.7

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#16

4-Methylphenol

Concen: 32.945 ng/ul

RT: 8.26 min Scan# 896

Delta R.T. -0.00 min

Lab File: BN009326.D

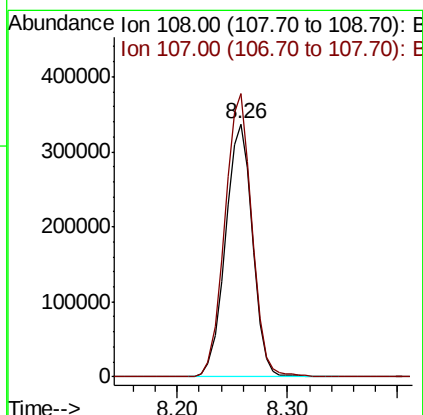
Acq: 08 Jan 2020 11:13

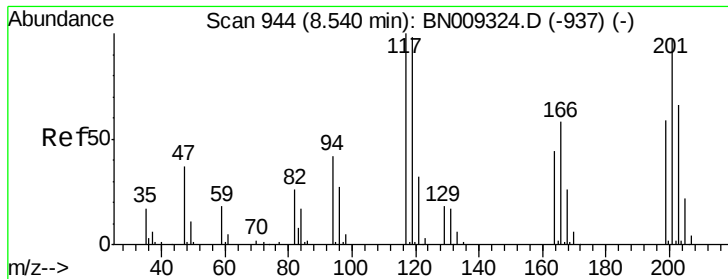
Tgt Ion: 108 Resp: 577927

Ion Ratio Lower Upper

108 100

107 111.9 92.2 138.4





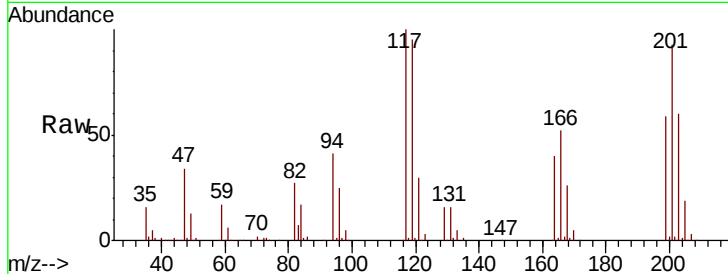
#17  
Hexachloroethane  
Concen: 34.636 ng/ul  
RT: 8.53 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 237253 |       |       |
| 201     | 92.9  | 78.4   | 117.6 |       |
| 199     | 59.2  | 50.2   | 75.4  |       |

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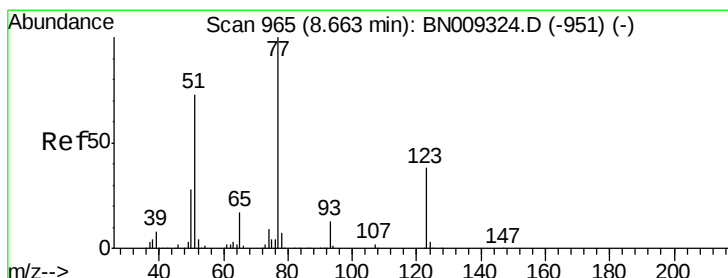
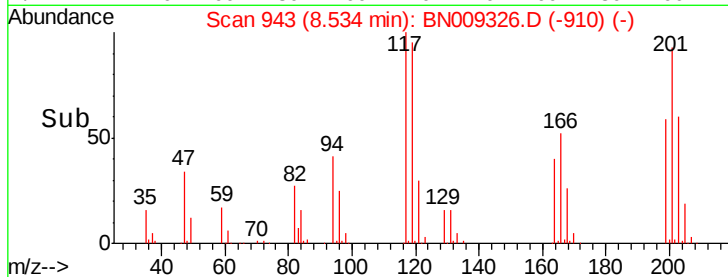
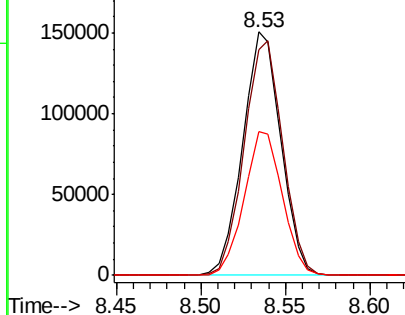


Abundance

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: 35.515 ng/ul  
RT: 8.66 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

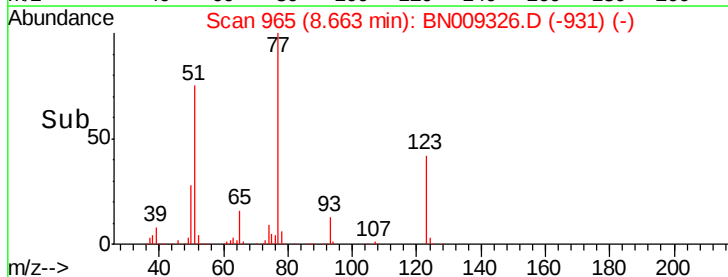
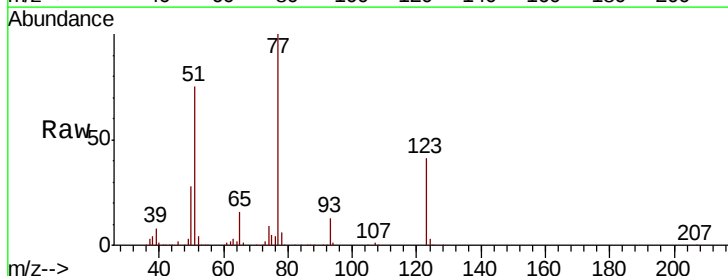
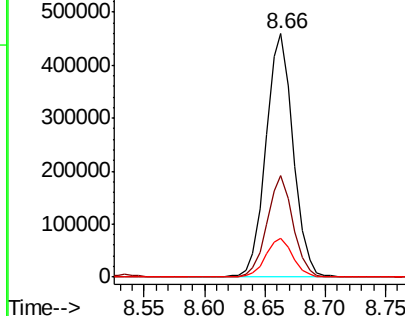
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 720342 |       |       |
| 123     | 41.5  | 30.8   | 46.2  |       |
| 65      | 15.7  | 11.8   | 17.8  |       |

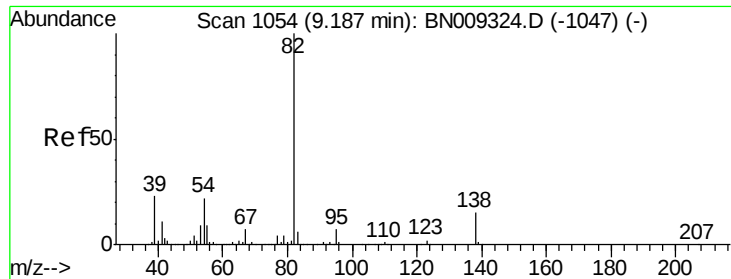
Abundance

Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 33.922 ng/ul

RT: 9.19 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

ClientSampled :

SLCS883

Tot Ion: 82 Resp: 1321988

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

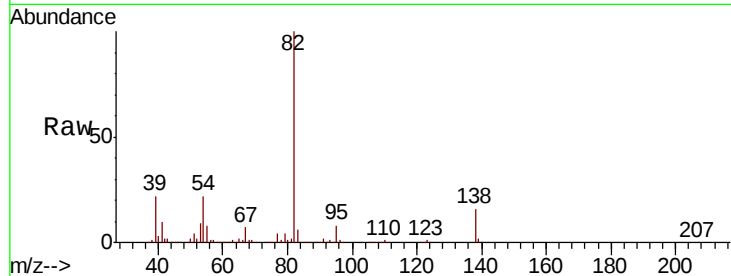
138 16.3 13.4 20.0

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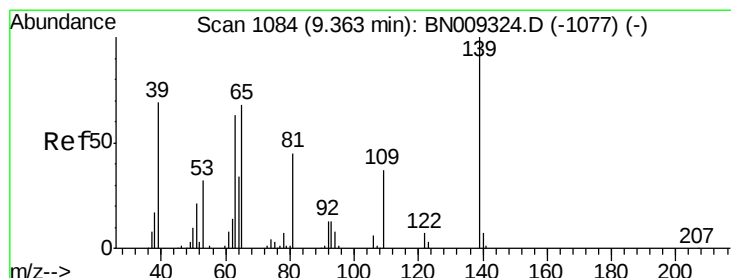
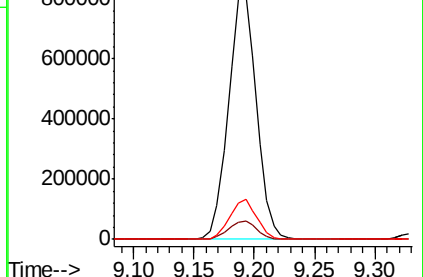
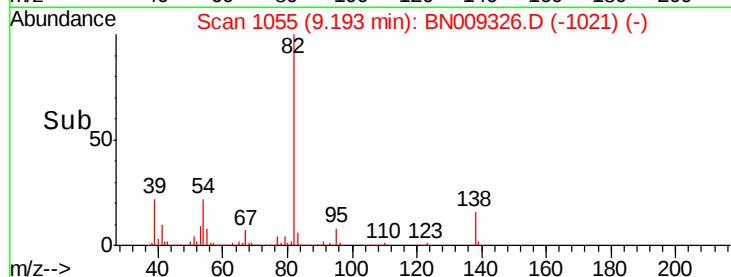
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Abundance Ion 82.00 (81.70 to 82.70): BN009324.D (-1047) (-)

Ion 95.00 (94.70 to 95.70): BN009324.D (-1047) (-)

Ion 138.00 (137.70 to 138.70): BN009324.D (-1047) (-)



#23

2-Nitrophenol

Concen: 35.562 ng/ul

RT: 9.36 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

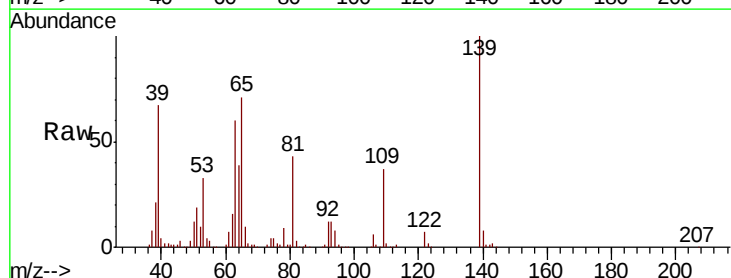
Tgt Ion: 139 Resp: 306971

Ion Ratio Lower Upper

139 100

65 70.9 55.8 83.6

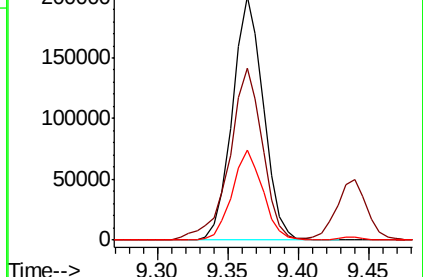
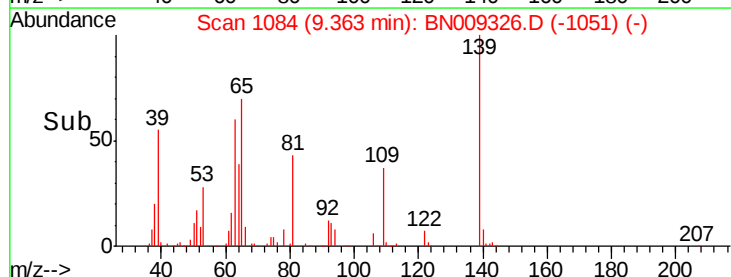
109 37.0 27.2 40.8

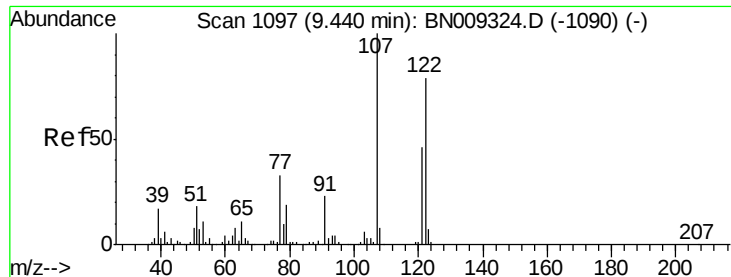


Abundance Ion 139.00 (138.70 to 139.70): BN009324.D (-1077) (-)

Ion 65.00 (64.70 to 65.70): BN009324.D (-1077) (-)

Ion 109.00 (108.70 to 109.70): BN009324.D (-1077) (-)





#24

2,4-Dimethylphenol

Concen: 34.622 ng/ul

RT: 9.44 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

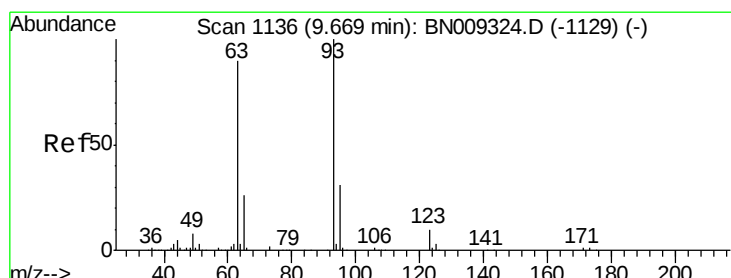
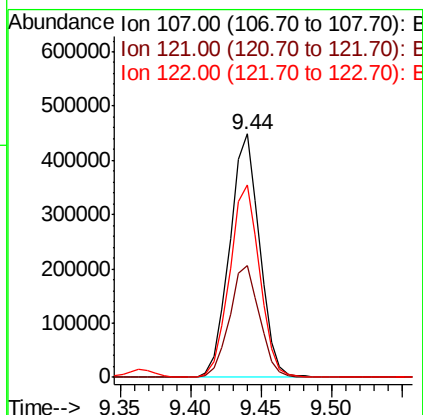
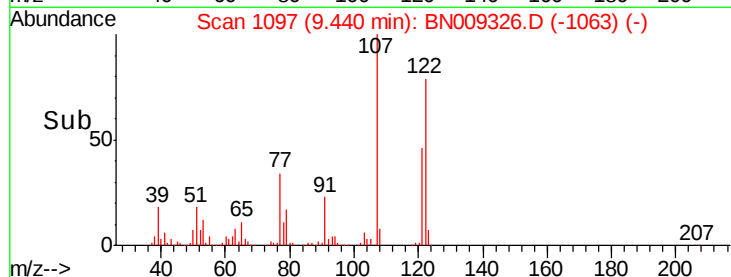
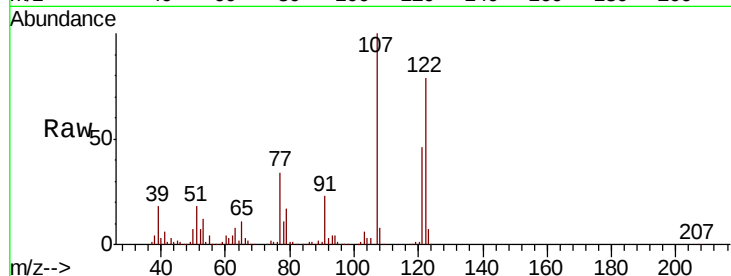
ClientSampleId :

SLCS883

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 661788 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 121       | 45.8  | 38.4  | 57.6   |
| 122       | 79.0  | 65.7  | 98.5   |

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#25

Bis(2-Chloroethoxy)methane

Concen: 33.633 ng/ul

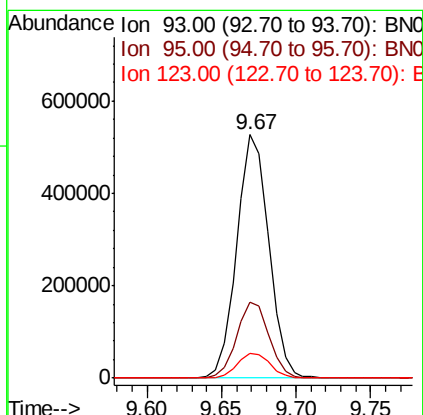
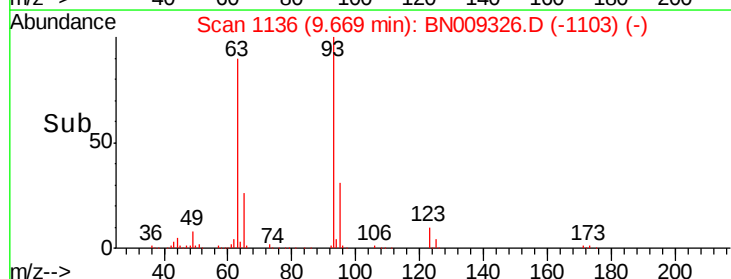
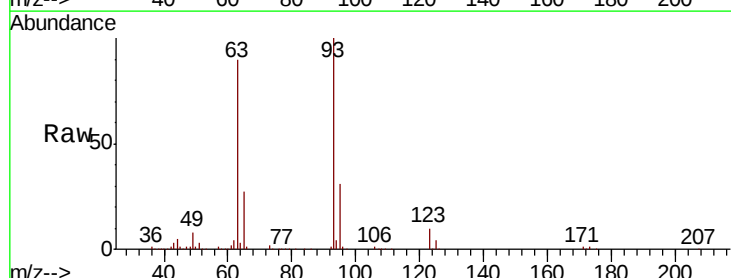
RT: 9.67 min Scan# 1136

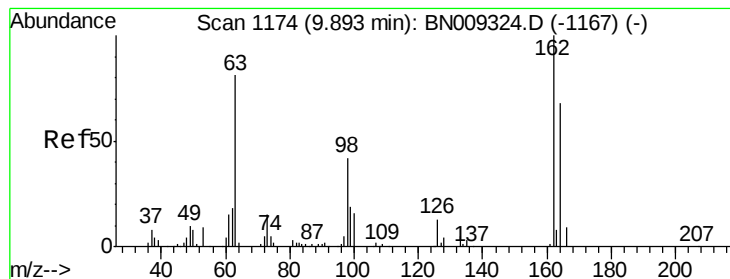
Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 788694 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 31.1  | 25.1  | 37.7   |
| 123       | 10.4  | 9.3   | 13.9   |





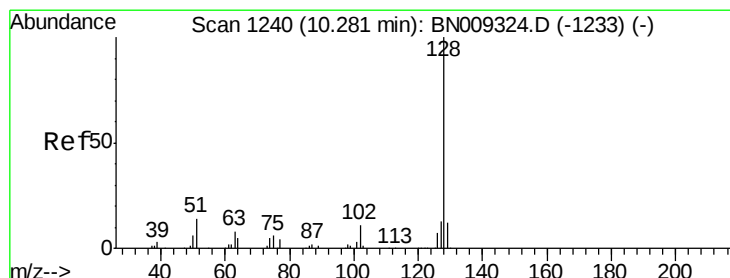
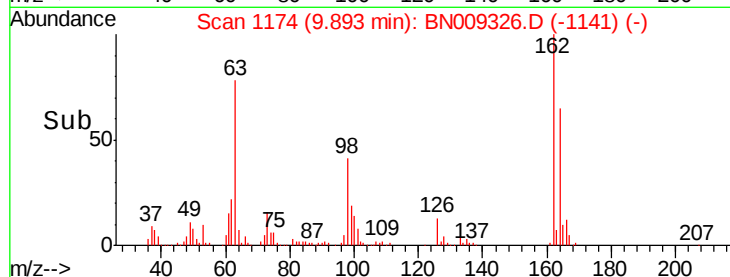
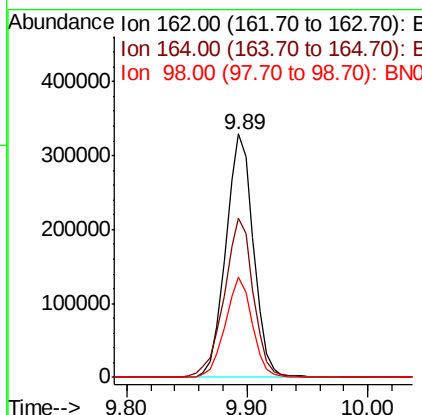
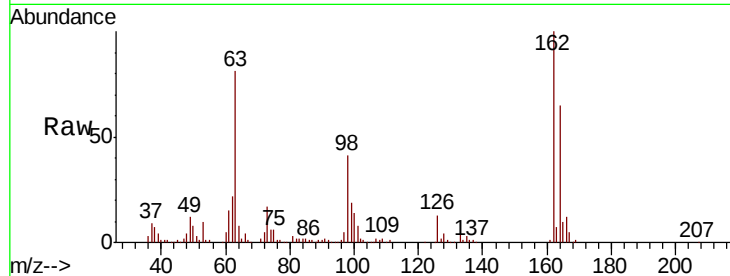
#27  
 2,4-Dichlorophenol  
 Concen: 34.629 ng/ul  
 RT: 9.89 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.3  | 50.6  | 75.8  |
| 98      | 41.1  | 31.2  | 46.8  |

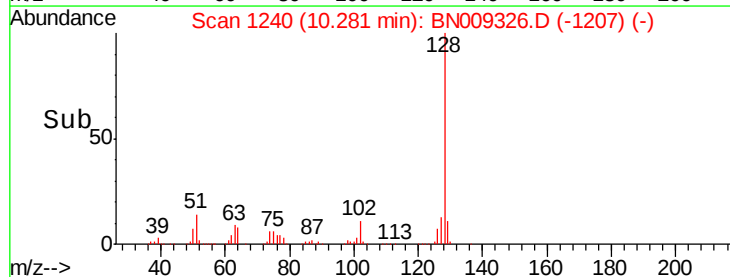
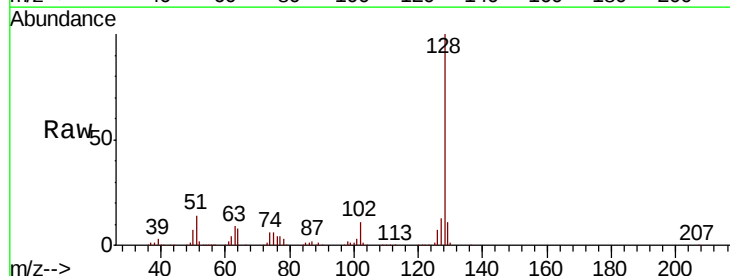
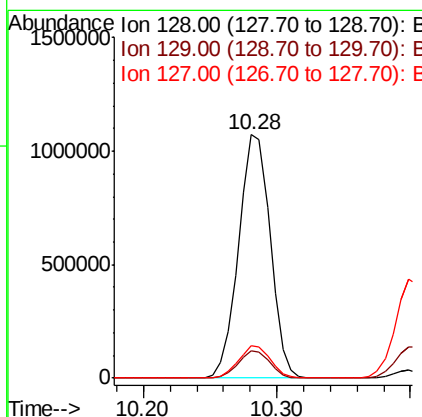
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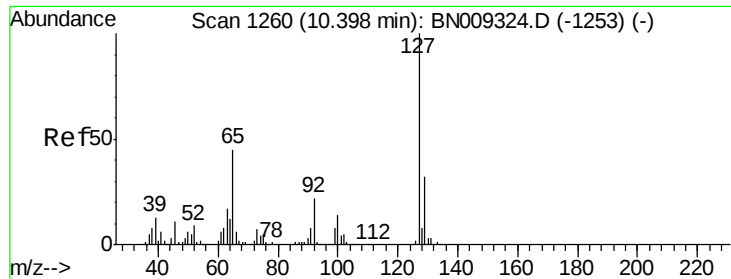
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#28  
 Naphthalene  
 Concen: 33.705 ng/ul  
 RT: 10.28 min Scan# 1240  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 9.0   | 13.4  |
| 127     | 13.1  | 10.8  | 16.2  |





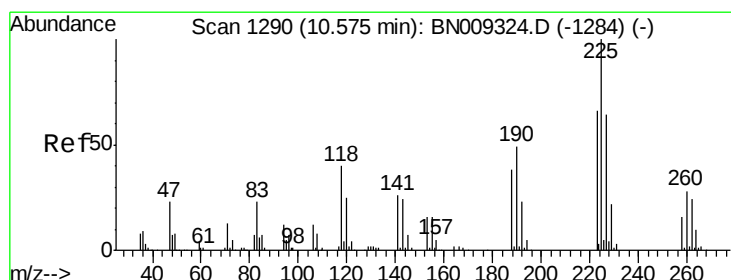
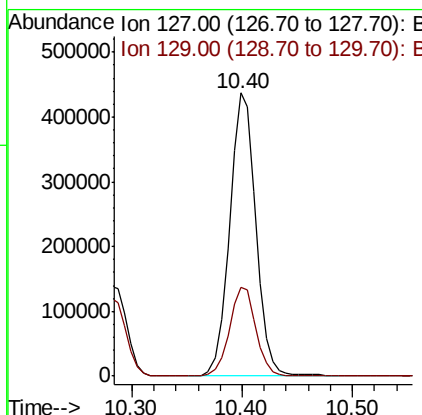
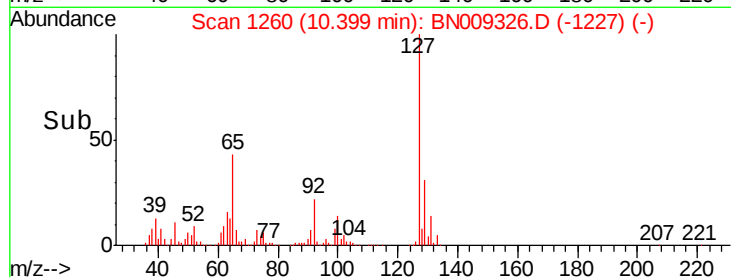
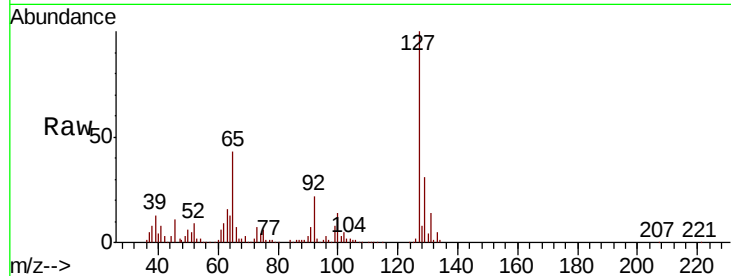
#30  
4-Chloroaniline  
Concen: 40.678 ng/ul  
RT: 10.40 min Scan# 1260  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampled :  
SLCS883

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 723362 |       |       |
| 129     | 31.4 | 26.7  | 40.1   |       |       |

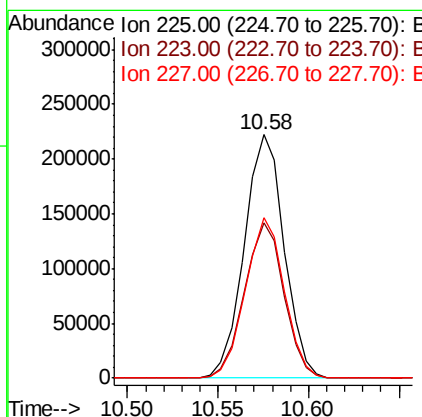
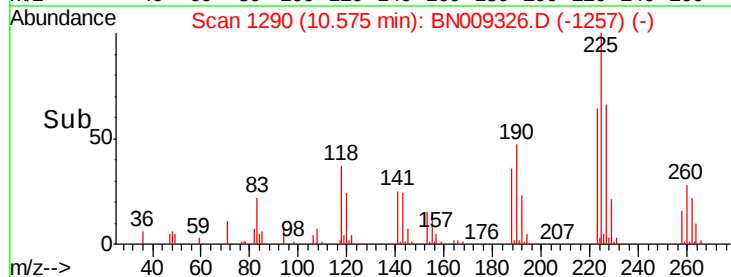
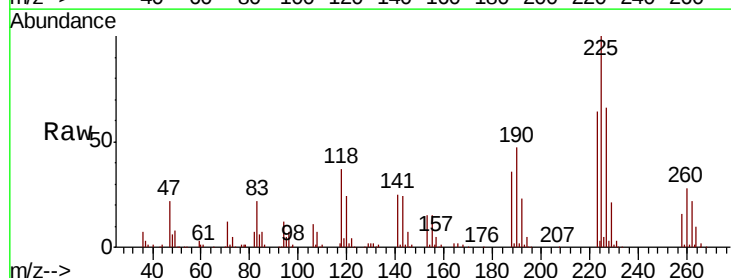
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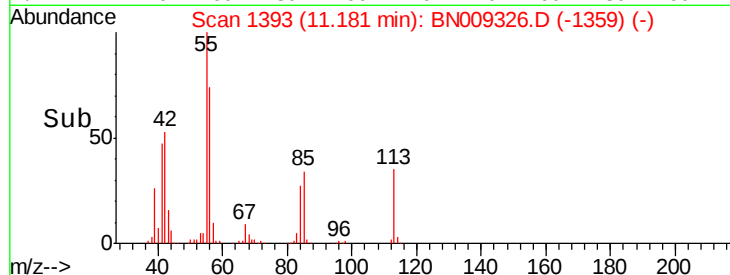
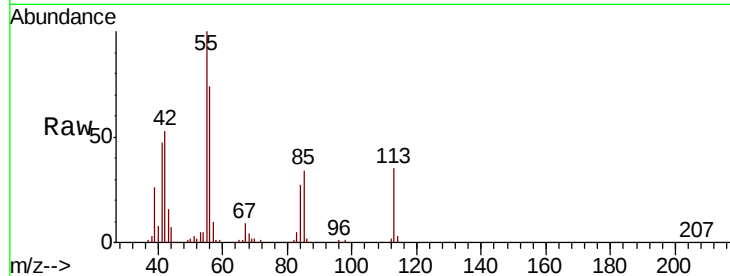
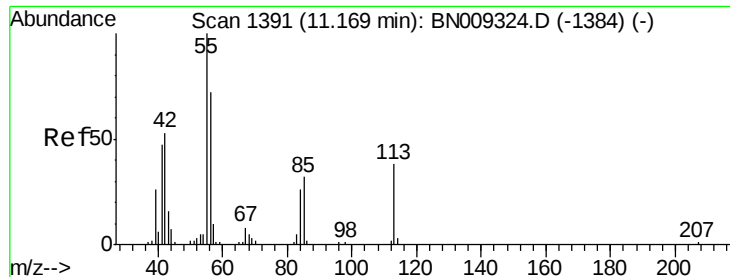
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#31  
Hexachlorobutadiene  
Concen: 34.541 ng/ul  
RT: 10.58 min Scan# 1290  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 339630 |       |       |
| 223     | 63.7 | 48.2  | 72.4   |       |       |
| 227     | 65.9 | 51.0  | 76.6   |       |       |





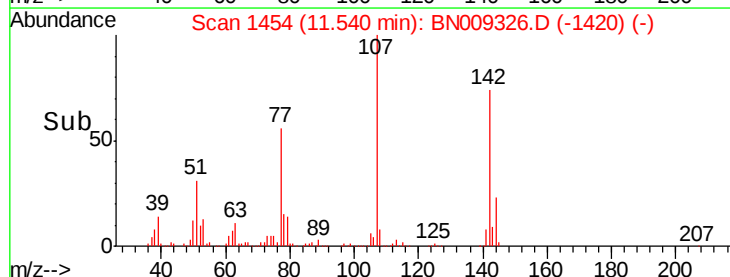
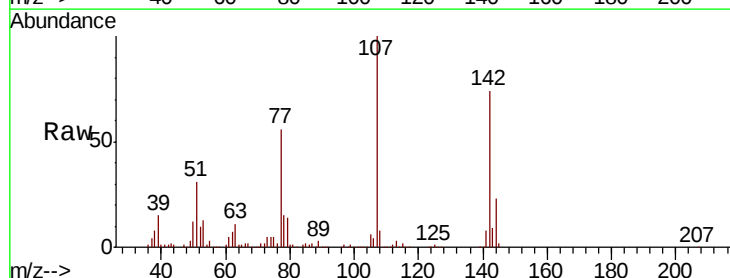
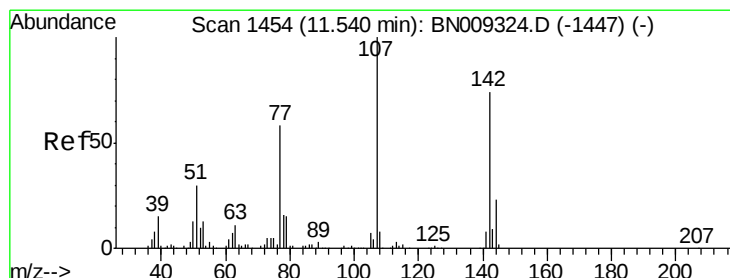
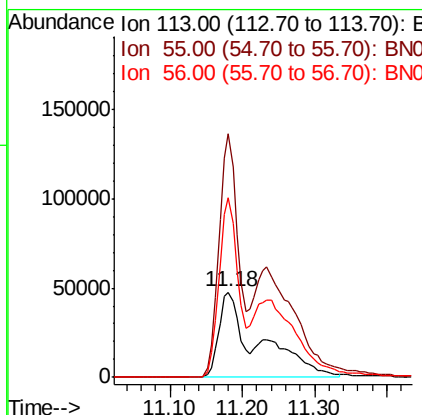
#32  
Caprolactam  
Concen: 33.005 ng/ul m  
RT: 11.18 min Scan# 1393  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 180515 |       |       |
| 55      | 284.8 | 217.4  | 326.2 |       |
| 56      | 210.2 | 154.6  | 231.8 |       |

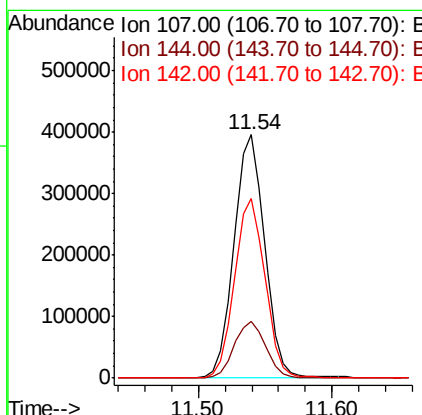
Manual Integrations  
APPROVED

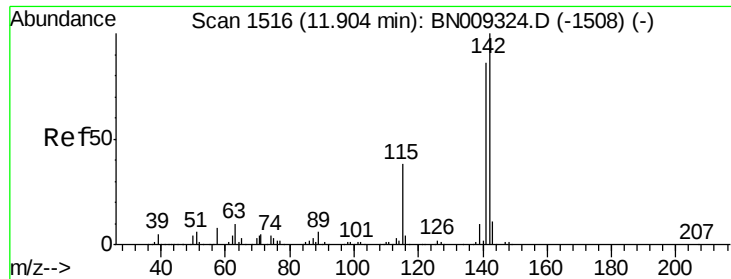
mohammad  
1/9/2020 12:11:20 PM



#33  
4-Chloro-3-methylphenol  
Concen: 33.922 ng/ul  
RT: 11.54 min Scan# 1454  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 633101 |       |       |
| 144     | 23.4  | 19.4   | 29.2  |       |
| 142     | 73.9  | 59.9   | 89.9  |       |





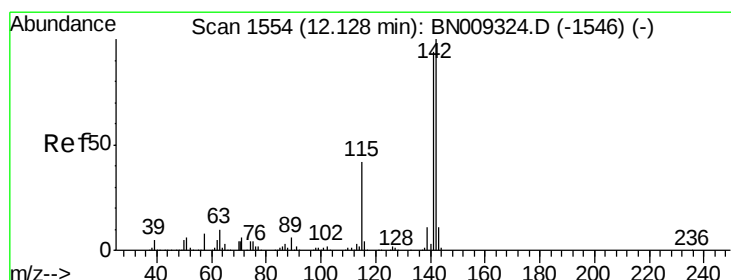
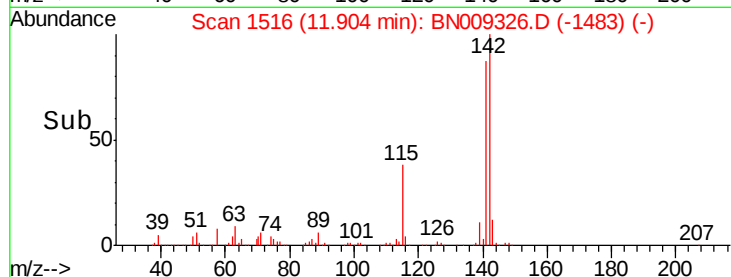
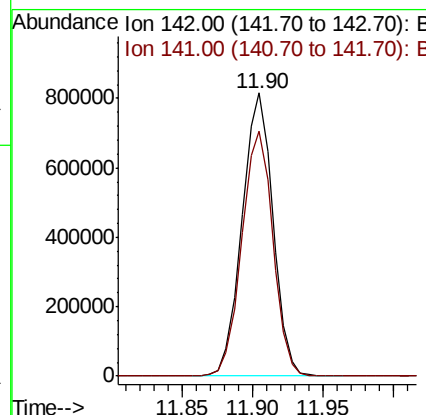
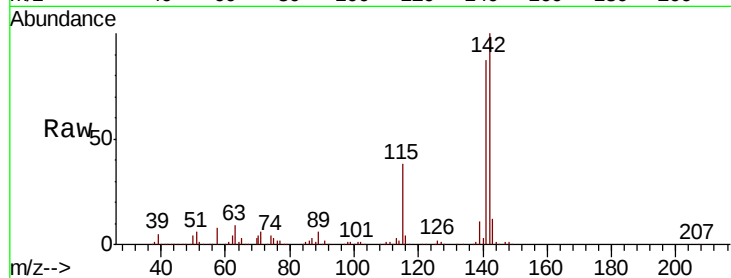
#34  
2-Methylnaphthalene  
Concen: 33.759 ng/ul  
RT: 11.90 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

Tot Ion:142 Resp: 1248527  
Ion Ratio Lower Upper  
142 100  
141 86.8 69.7 104.5

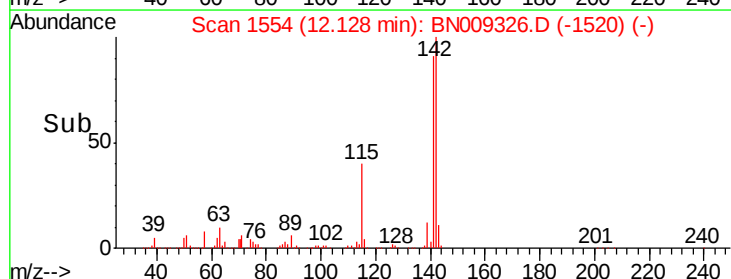
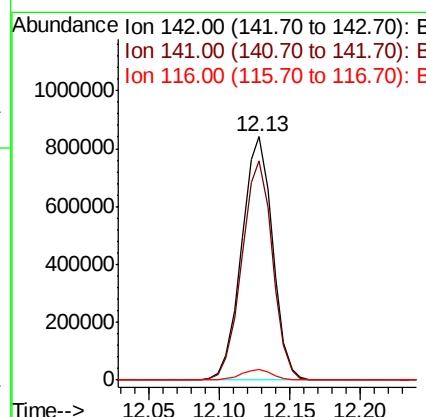
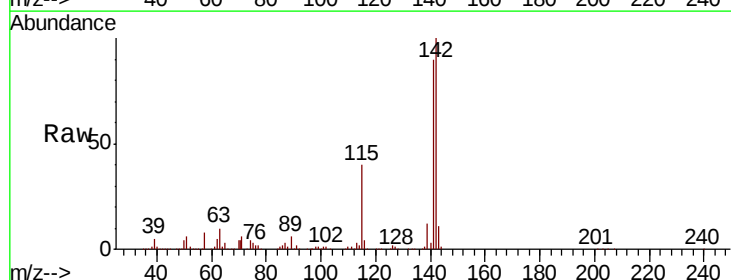
Manual Integrations  
APPROVED

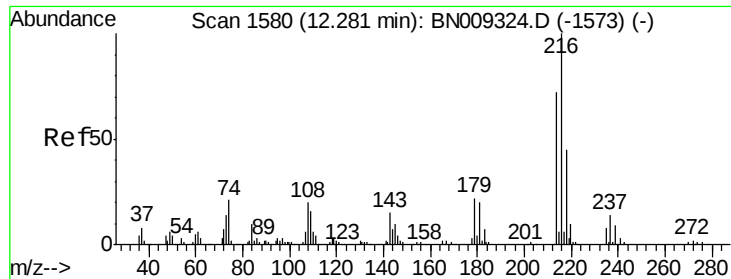
mohammad  
1/9/2020 12:11:20 PM



#35  
1-Methylnaphthalene  
Concen: 34.053 ng/ul  
RT: 12.13 min Scan# 1554  
Delta R.T. 0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Tgt Ion:142 Resp: 1285534  
Ion Ratio Lower Upper  
142 100  
141 90.3 73.2 109.8  
116 4.3 3.3 4.9





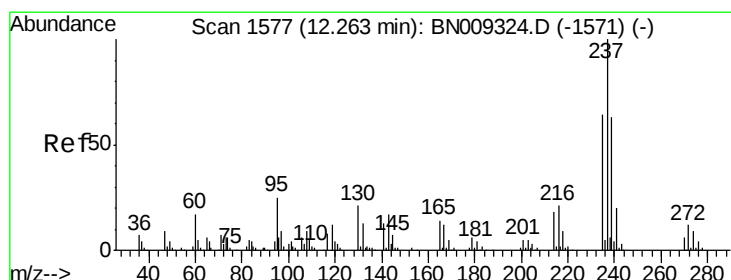
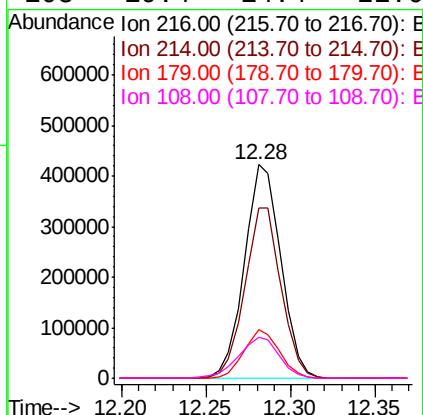
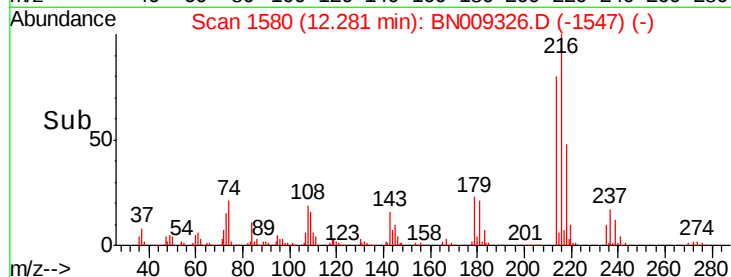
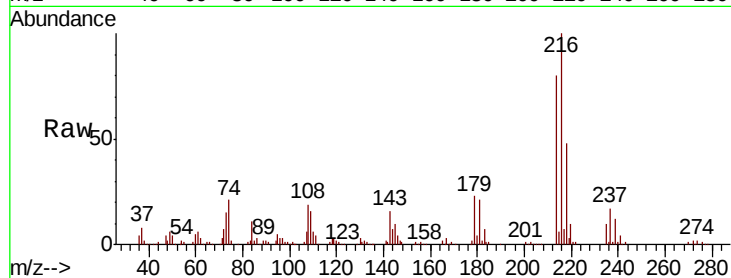
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 33.472 ng/ul  
 RT: 12.28 min Scan# 1580  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS883

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 637227 |       |       |
| 214     | 79.5 |       | 62.6   | 93.8  |       |
| 179     | 22.5 |       | 17.4   | 26.0  |       |
| 108     | 19.4 |       | 14.4   | 21.6  |       |

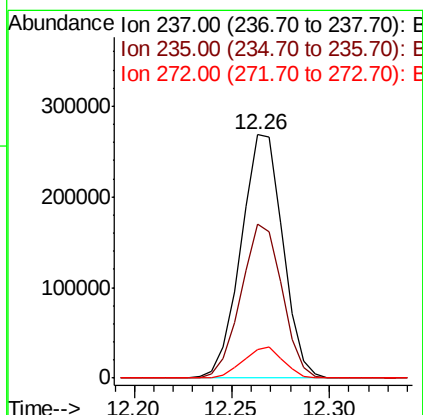
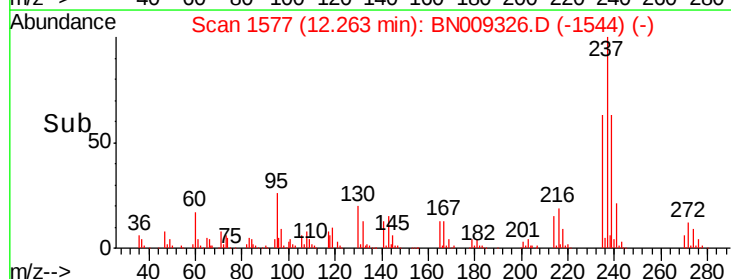
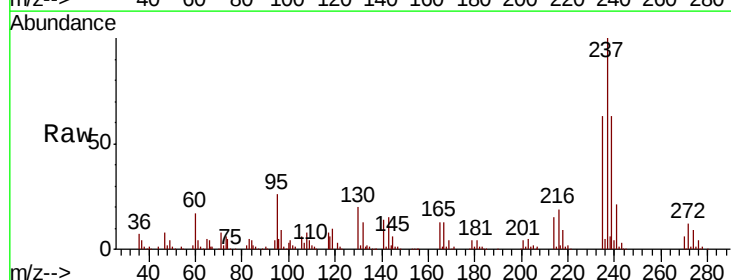
Manual Integrations  
 APPROVED

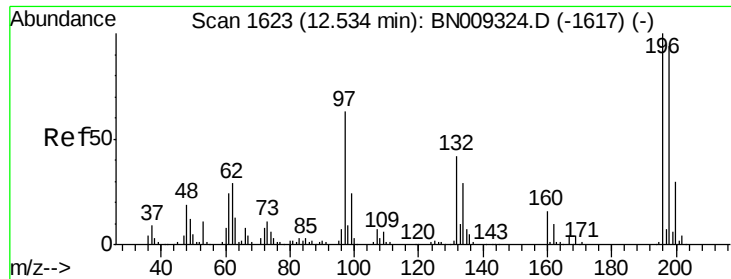
mohammad  
 1/9/2020 12:11:20 PM



#38  
 Hexachlorocyclopentadiene  
 Concen: 33.523 ng/ul  
 RT: 12.26 min Scan# 1577  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 399098 |       |       |
| 235     | 63.1 |       | 50.6   | 76.0  |       |
| 272     | 12.0 |       | 9.8    | 14.8  |       |





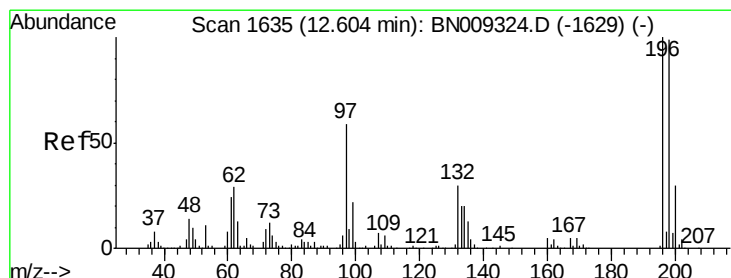
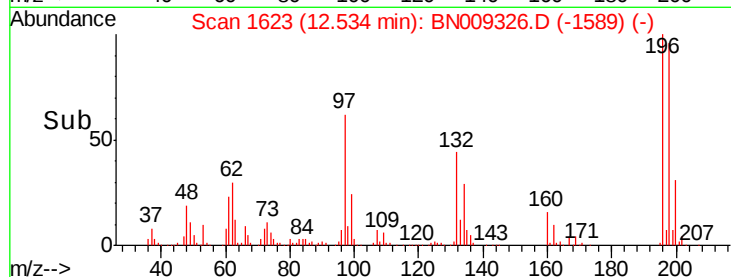
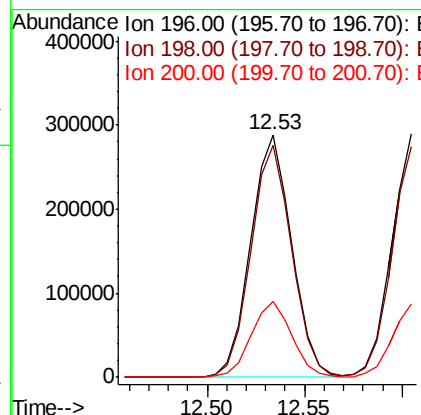
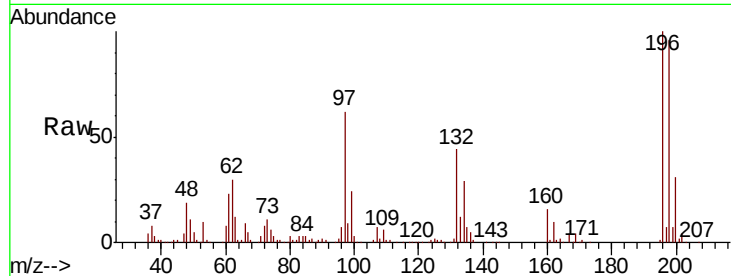
#39  
 2,4,6-Trichlorophenol  
 Concen: 33.795 ng/ul  
 RT: 12.53 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS883

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 418160 |       |       |
| 198     | 95.8  | 75.4   | 113.0 |       |
| 200     | 31.3  | 23.2   | 34.8  |       |

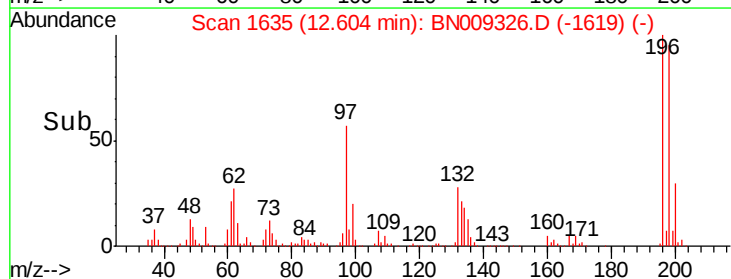
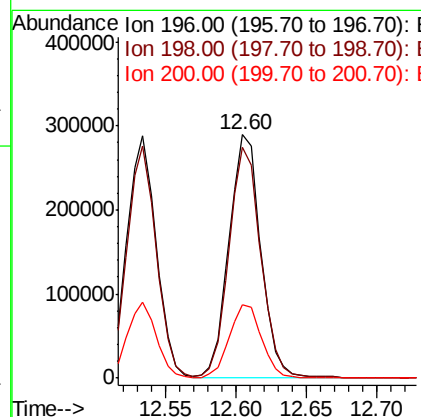
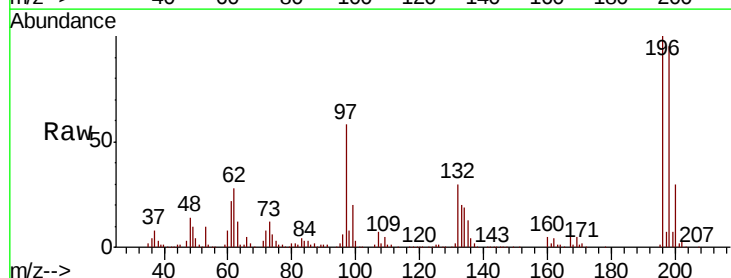
Manual Integrations  
 APPROVED

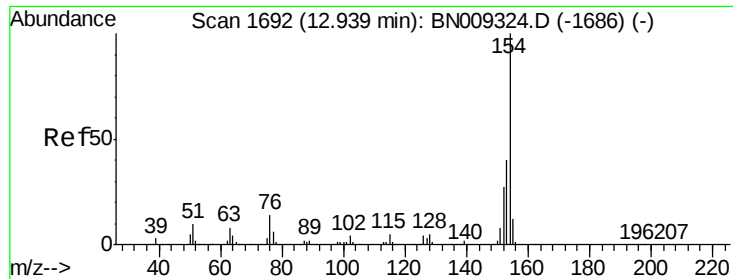
mohammad  
 1/9/2020 12:11:20 PM



#40  
 2,4,5-Trichlorophenol  
 Concen: 33.937 ng/ul  
 RT: 12.60 min Scan# 1635  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 451204 |       |       |
| 198     | 94.6  | 74.4   | 111.6 |       |
| 200     | 30.0  | 23.8   | 35.6  |       |





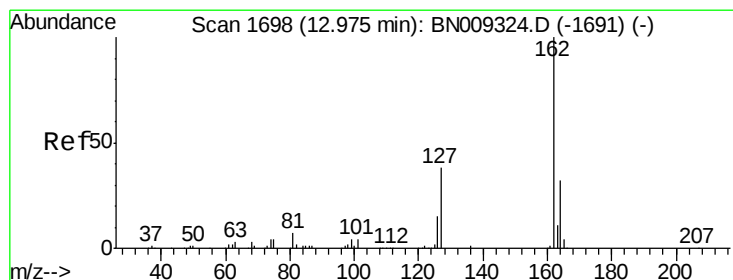
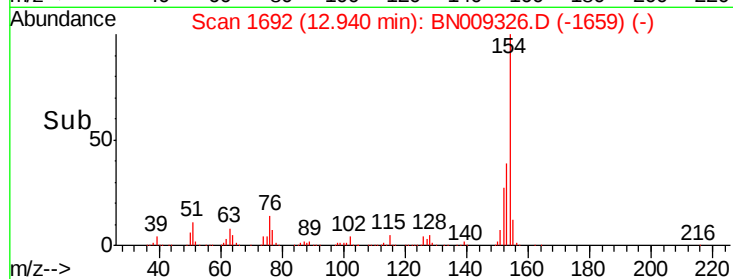
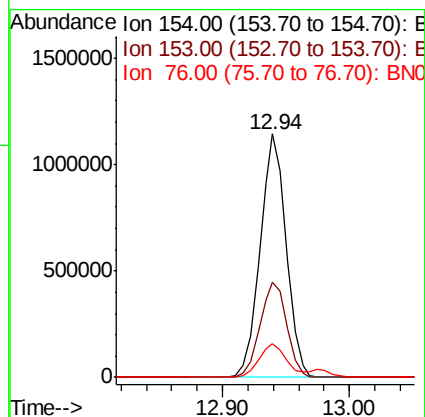
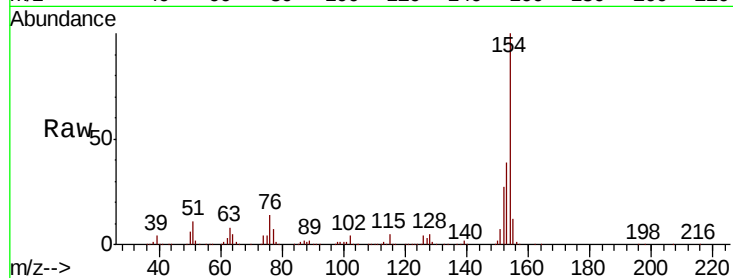
#41  
 1,1'-Biphenyl  
 Concen: 33.258 ng/ul  
 RT: 12.94 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.3  | 30.8  | 46.2  |
| 76      | 13.8  | 11.3  | 16.9  |

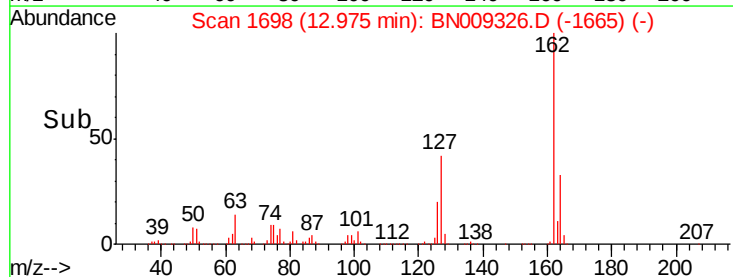
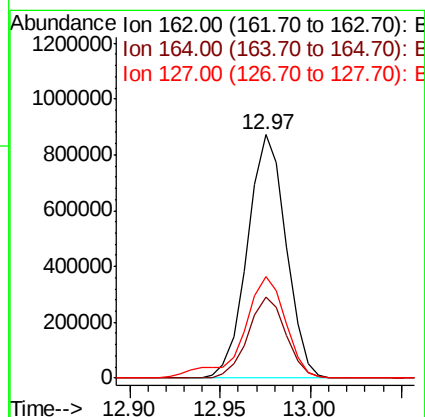
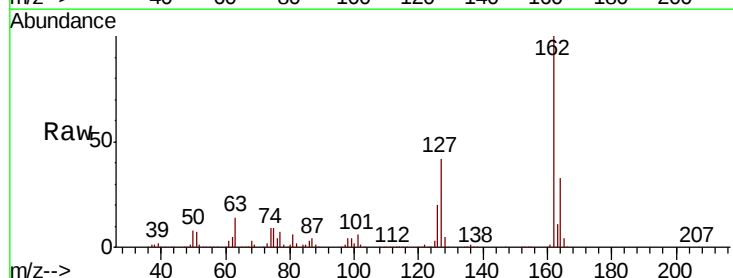
Manual Integrations  
 APPROVED

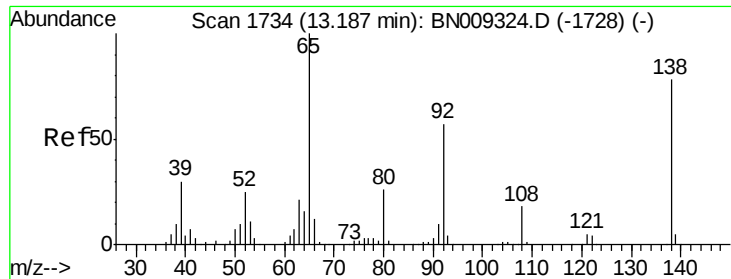
mohammad  
 1/9/2020 12:11:20 PM



#42  
 2-Chloronaphthalene  
 Concen: 33.348 ng/ul  
 RT: 12.97 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.4  | 25.4  | 38.0  |
| 127     | 41.5  | 33.0  | 49.6  |





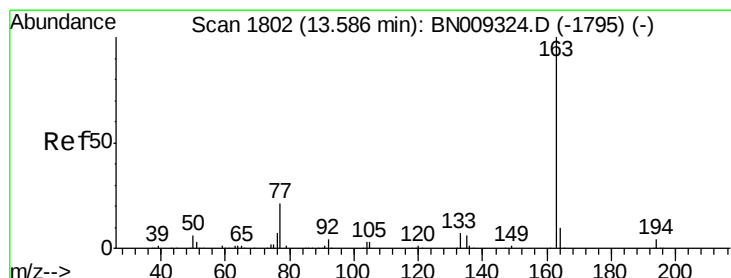
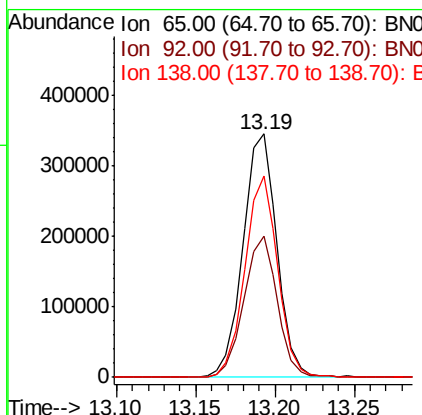
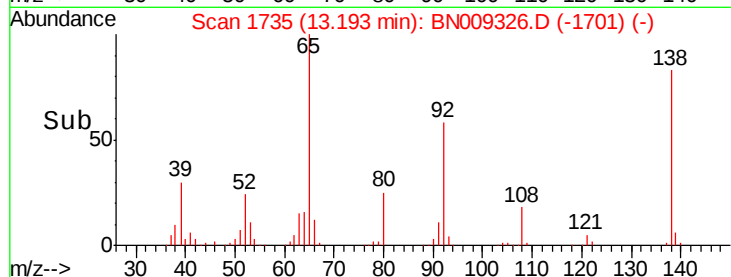
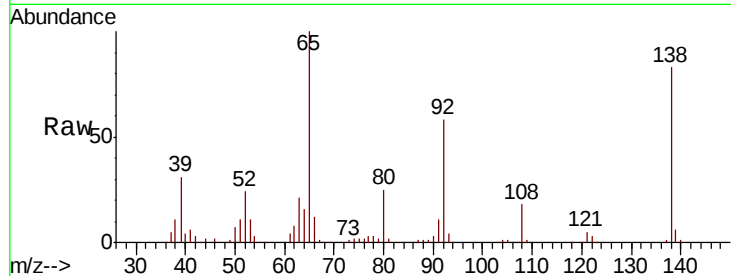
#43  
2-Nitroaniline  
Concen: 35.351 ng/ul  
RT: 13.19 min Scan# 1735  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 58.0  | 47.2  | 70.8  |
| 138     | 82.8  | 66.6  | 100.0 |

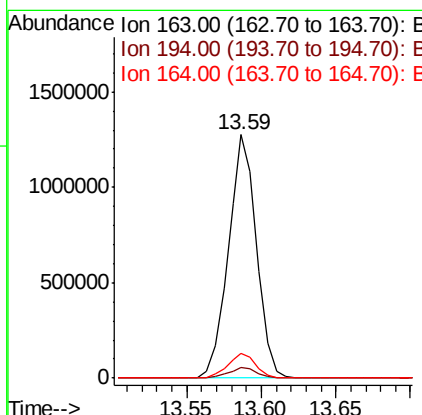
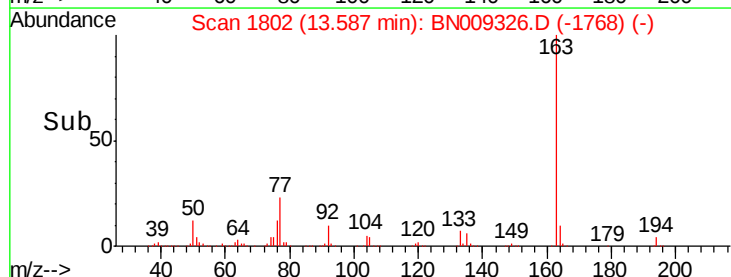
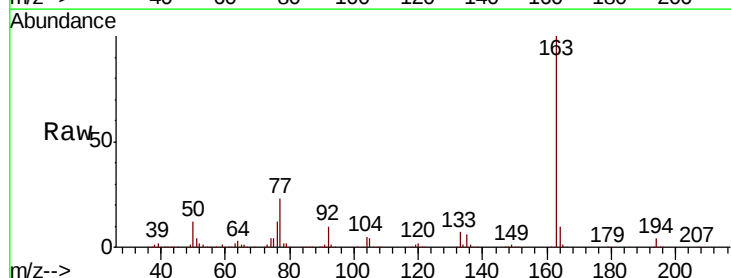
Manual Integrations  
APPROVED

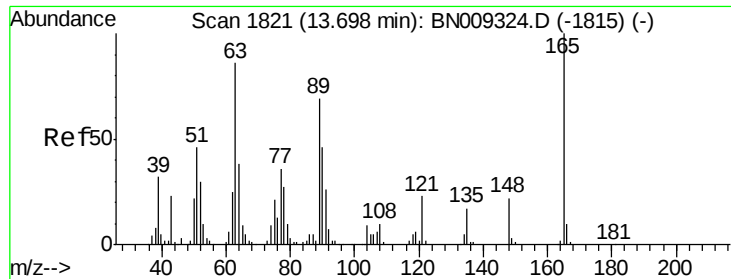
mohammad  
1/9/2020 12:11:20 PM



#45  
Dimethylphthalate  
Concen: 33.463 ng/ul  
RT: 13.59 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.2   | 3.2   | 4.8   |
| 164     | 10.3  | 8.0   | 12.0  |





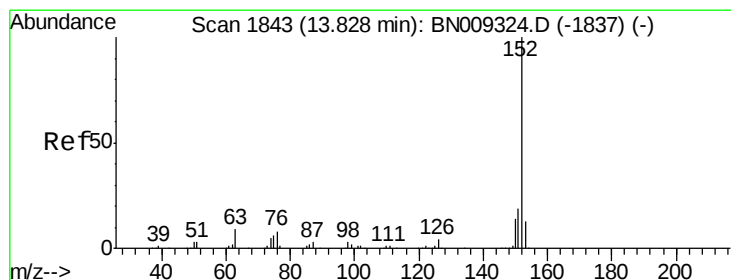
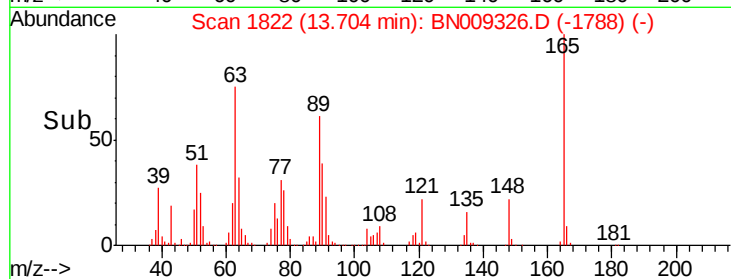
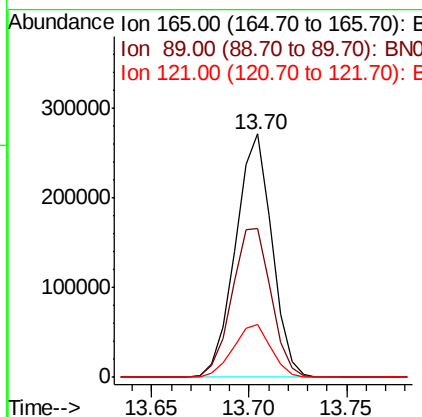
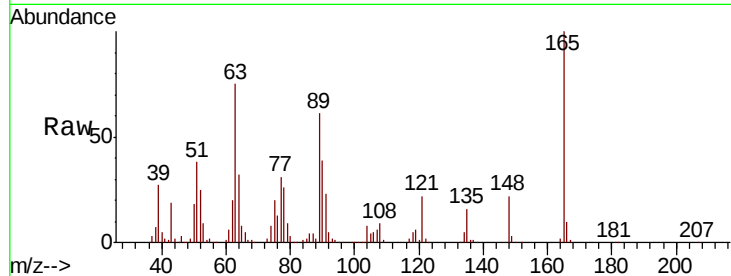
#46  
2,6-Dinitrotoluene  
Concen: 34.945 ng/ul  
RT: 13.70 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 351594 |       |       |
| 89      | 61.4  | 50.5   | 75.7  |       |
| 121     | 21.7  | 17.8   | 26.8  |       |

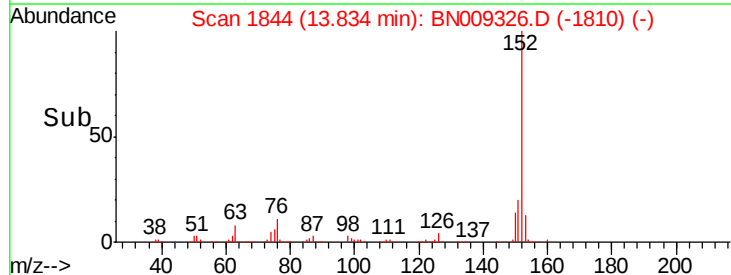
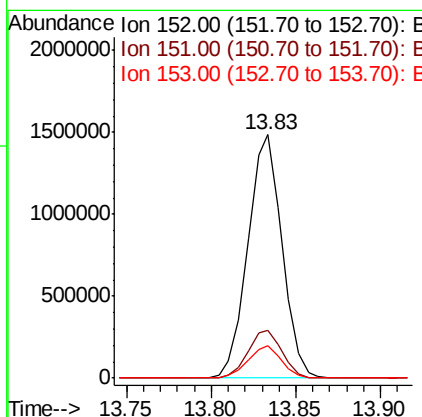
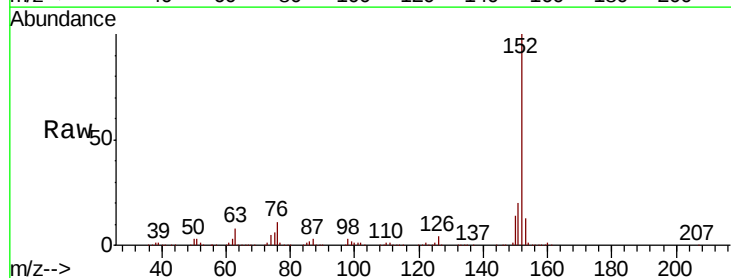
Manual Integrations  
APPROVED

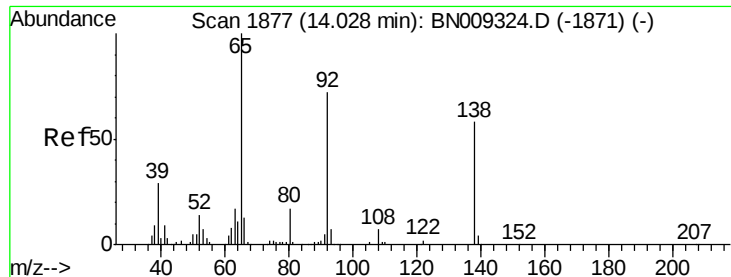
mohammad  
1/9/2020 12:11:20 PM



#48  
Acenaphthylene  
Concen: 33.411 ng/ul  
RT: 13.83 min Scan# 1844  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 2082042 |       |       |
| 151     | 19.9  | 15.7    | 23.5  |       |
| 153     | 13.2  | 10.6    | 16.0  |       |





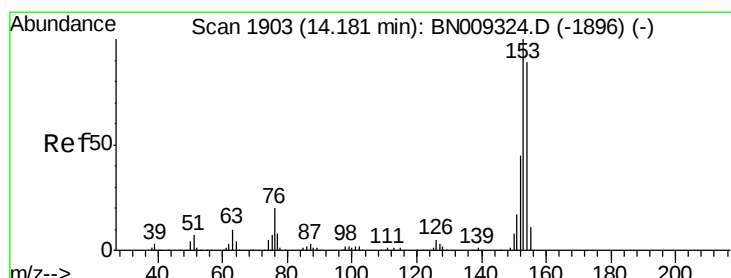
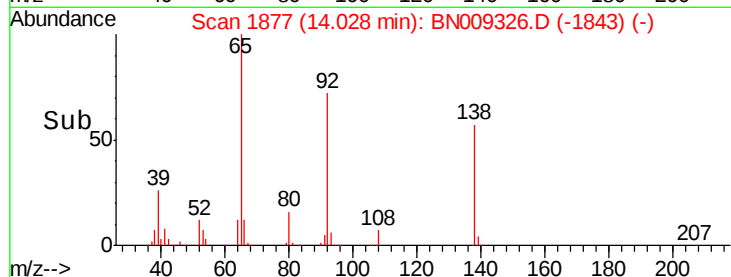
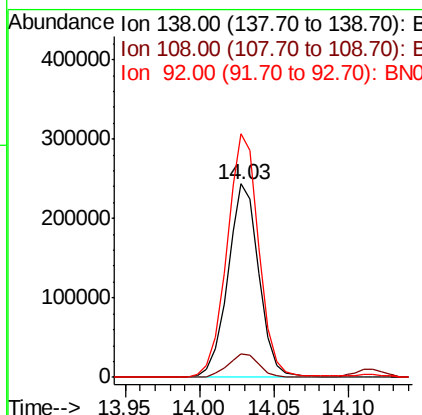
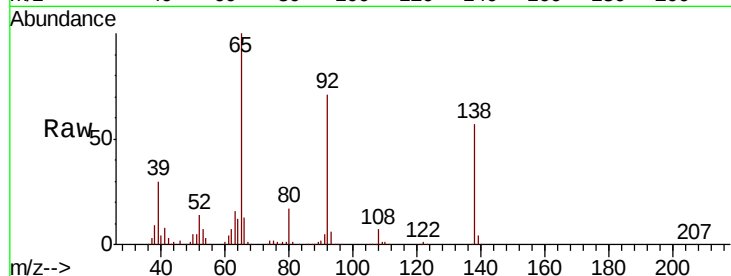
#49  
3-Nitroaniline  
Concen: 39.826 ng/ul  
RT: 14.03 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.1  | 10.4  | 15.6  |
| 92      | 125.7 | 102.6 | 154.0 |

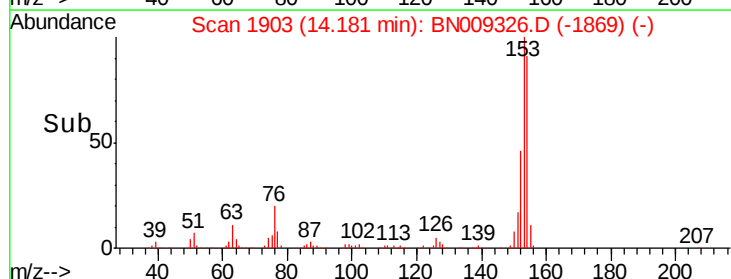
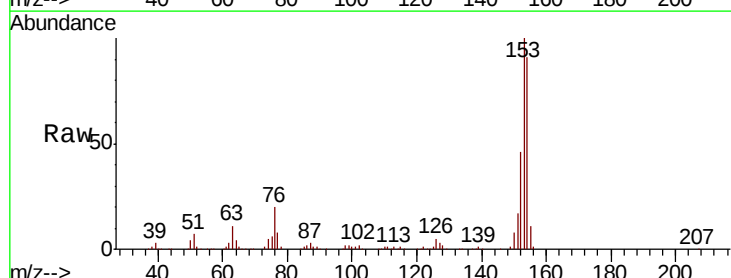
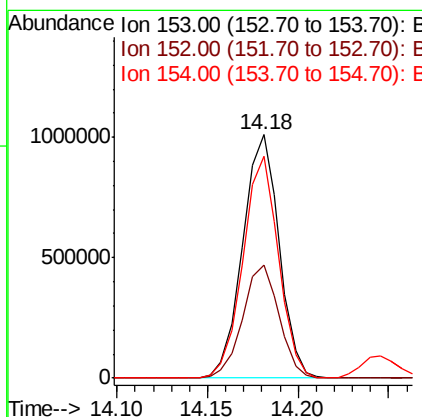
Manual Integrations  
APPROVED

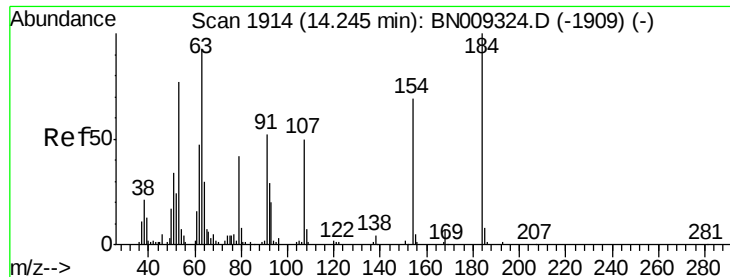
mohammad  
1/9/2020 12:11:20 PM



#50  
Acenaphthene  
Concen: 33.654 ng/ul  
RT: 14.18 min Scan# 1903  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 153     | 100   |       |       |
| 152     | 46.3  | 37.2  | 55.8  |
| 154     | 91.1  | 69.8  | 104.6 |





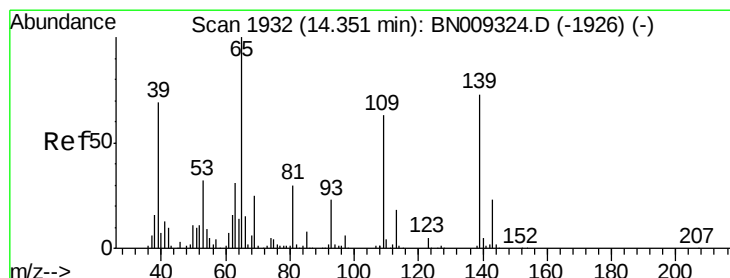
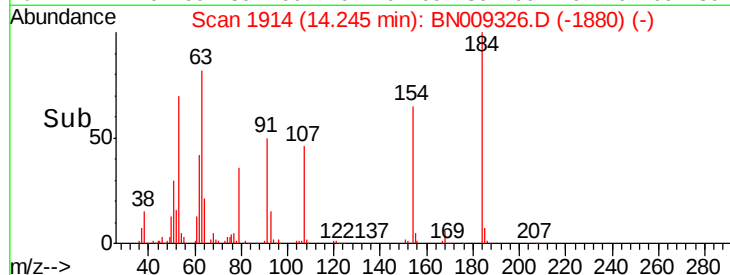
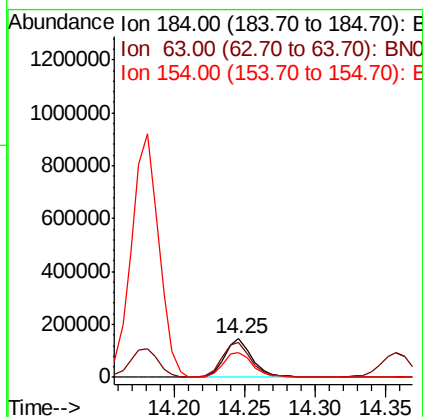
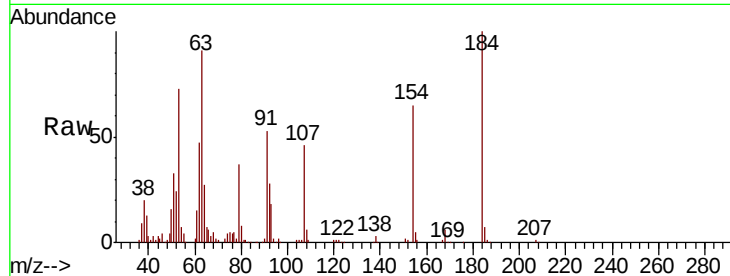
#51  
2,4-Dinitrophenol  
Concen: 31.803 ng/ul  
RT: 14.25 min Scan# 1914  
Delta R.T. 0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 200271 |       |       |
| 63      | 91.1  | 73.7   | 110.5 |       |
| 154     | 65.0  | 56.5   | 84.7  |       |

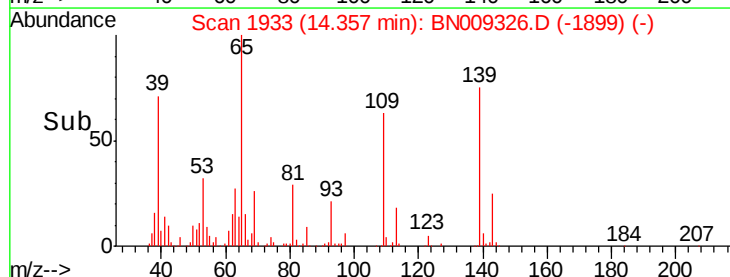
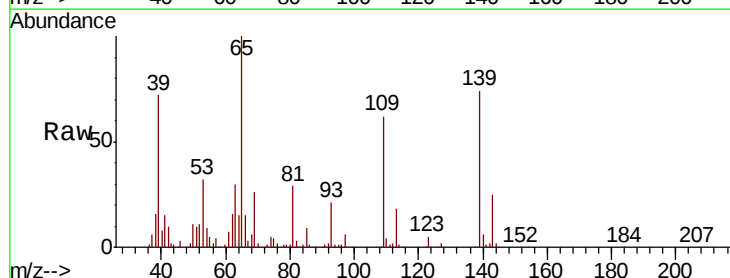
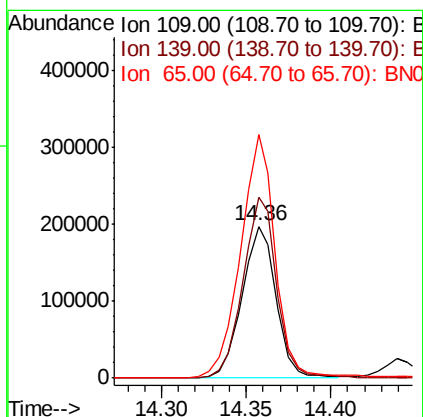
Manual Integrations  
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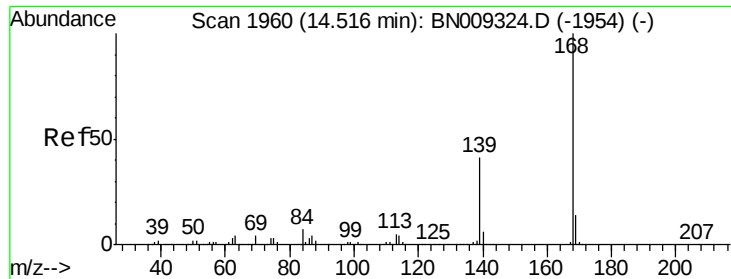
mohammad  
1/9/2020 12:11:20 PM



#53  
4-Nitrophenol  
Concen: 34.959 ng/ul  
RT: 14.36 min Scan# 1933  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 109     | 100   | 277570 |       |       |
| 139     | 119.5 | 95.0   | 142.4 |       |
| 65      | 160.4 | 117.7  | 176.5 |       |





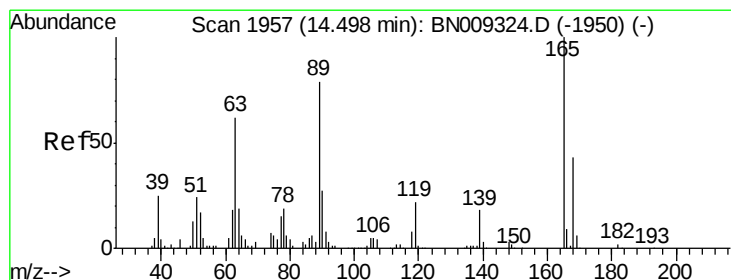
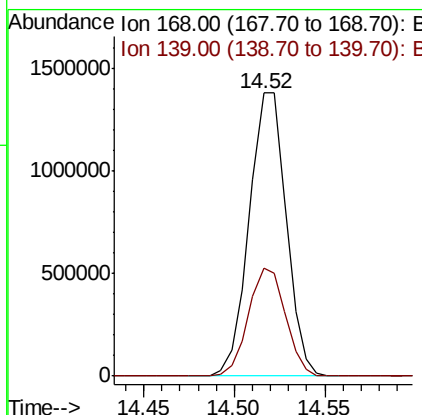
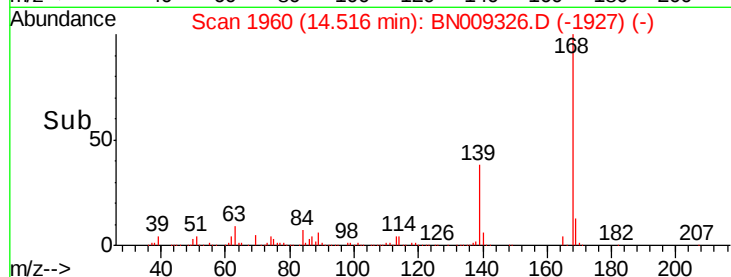
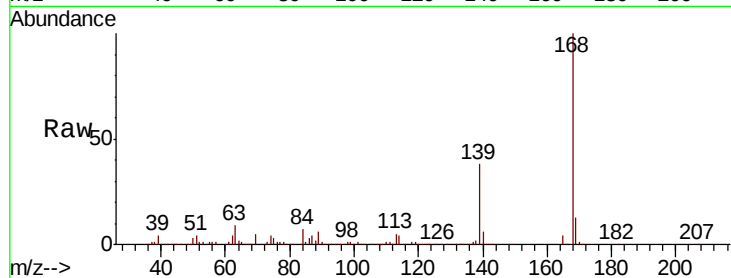
#54  
Dibenzofuran  
Concen: 33.986 ng/ul  
RT: 14.52 min Scan# 1960  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampled :  
SLCS883

Tot Ion:168 Resp: 1971075  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.4 45.6

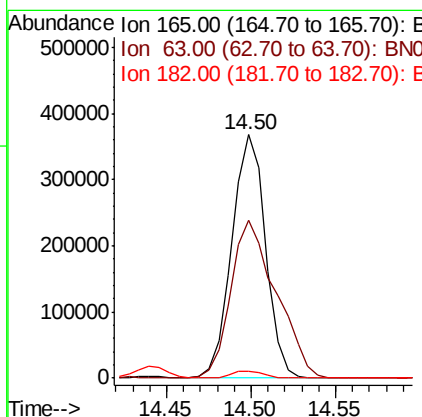
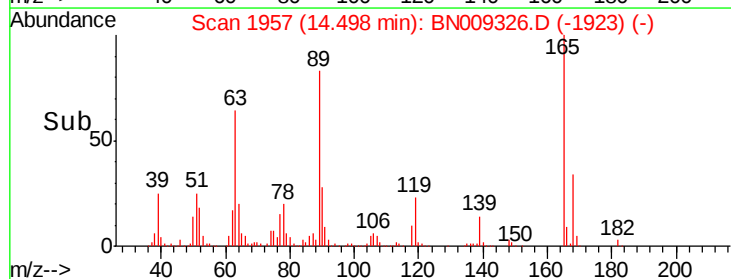
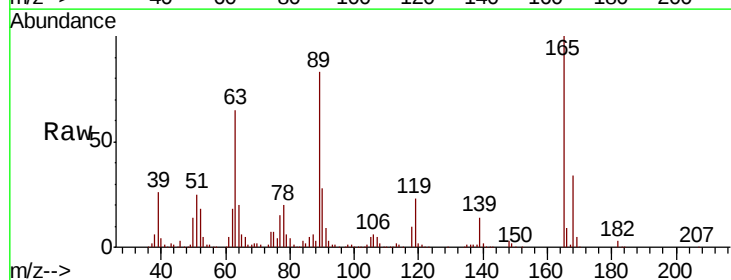
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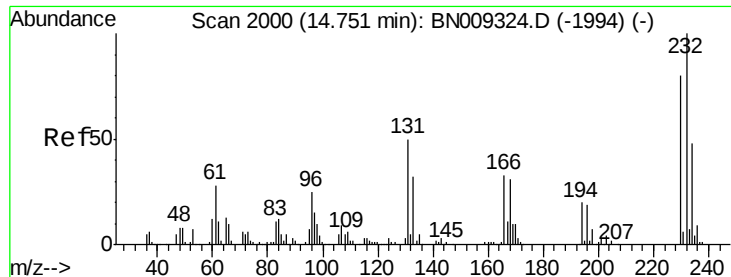
mohammad  
1/9/2020 12:11:20 PM



#55  
2,4-Dinitrotoluene  
Concen: 34.699 ng/ul  
RT: 14.50 min Scan# 1957  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Tgt Ion:165 Resp: 508431  
Ion Ratio Lower Upper  
165 100  
63 64.7 49.8 74.6  
182 3.0 2.2 3.4





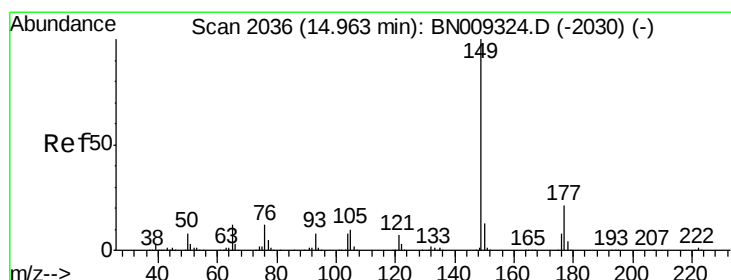
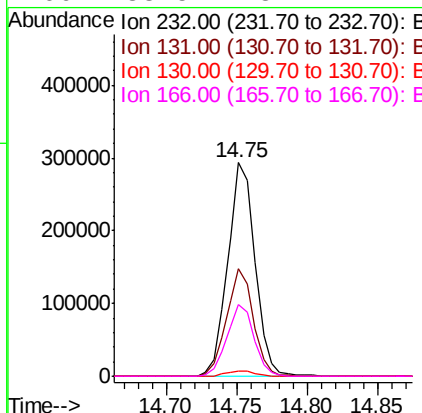
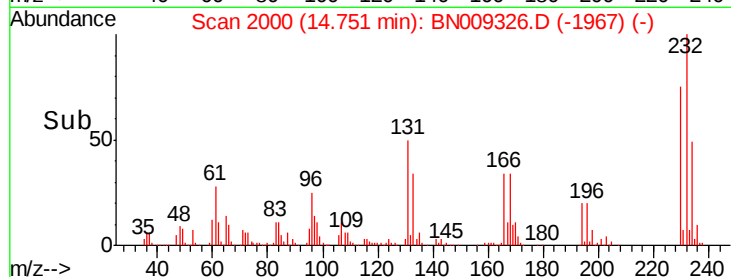
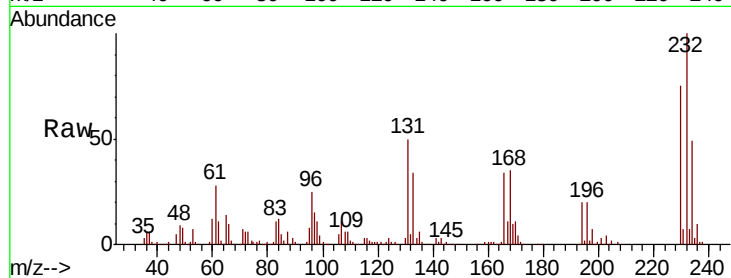
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 33.883 ng/ul  
 RT: 14.75 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampled :  
 SLCS883

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 394441 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 50.2  | 39.7  | 59.5   |
| 130       | 2.6   | 2.0   | 3.0    |
| 166       | 33.5  | 28.2  | 42.4   |

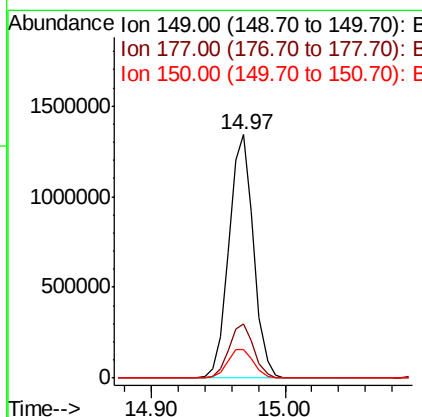
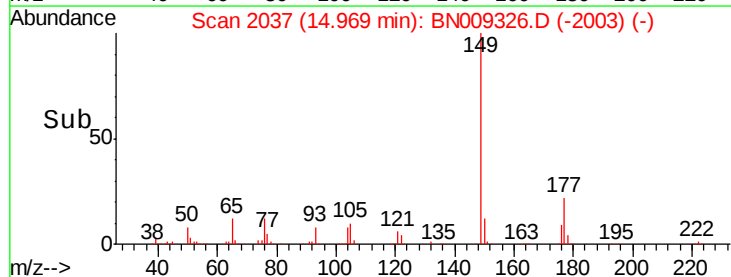
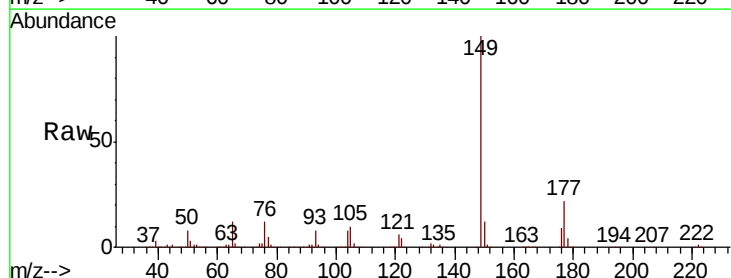
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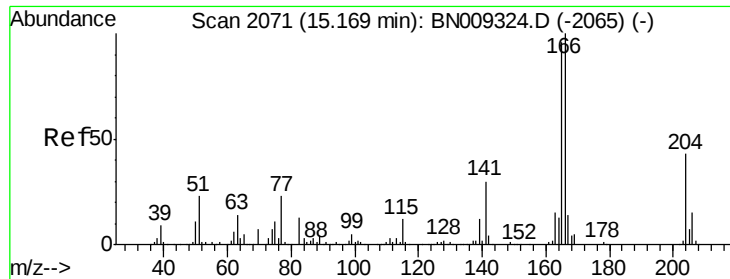
mohammad  
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#57  
 Diethylphthalate  
 Concen: 33.071 ng/ul  
 RT: 14.97 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1725394 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 22.3  | 17.1  | 25.7    |
| 150       | 12.0  | 9.8   | 14.6    |





#59

Fluorene

Concen: 33.233 ng/ul

RT: 15.17 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

ClientSampleId :

SLCS883

Tot Ion:166 Resp: 1623102

Ion Ratio Lower Upper

166 100

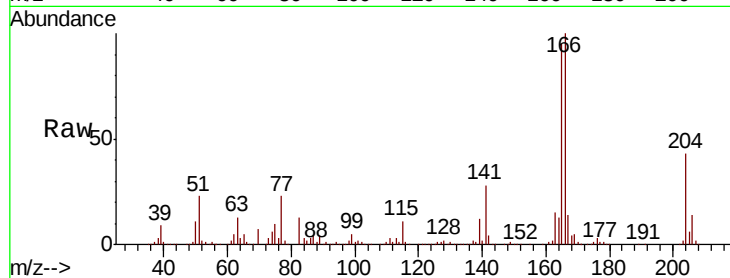
165 95.0 75.0 112.6

167 13.5 10.5 15.7

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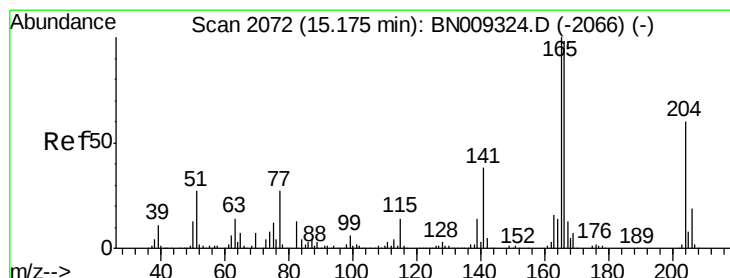
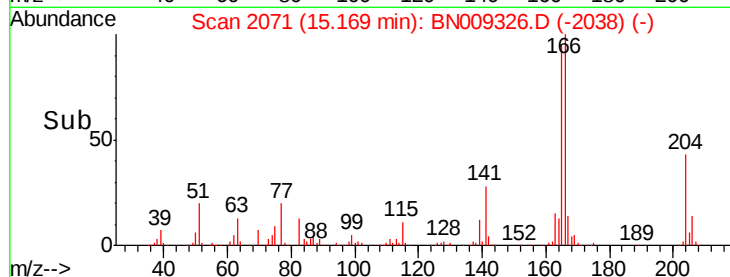
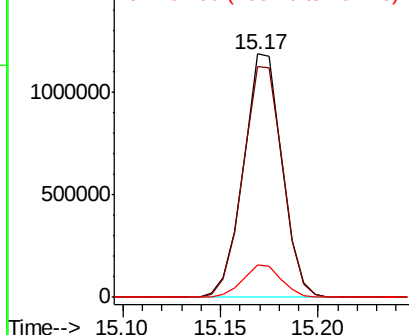


Abundance

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: 33.223 ng/ul

RT: 15.17 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

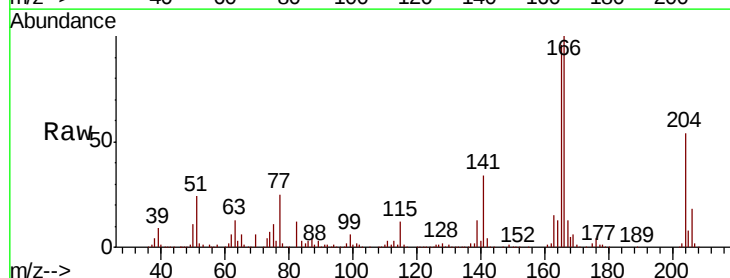
Tgt Ion:204 Resp: 809345

Ion Ratio Lower Upper

204 100

206 33.0 25.5 38.3

141 63.2 51.4 77.2

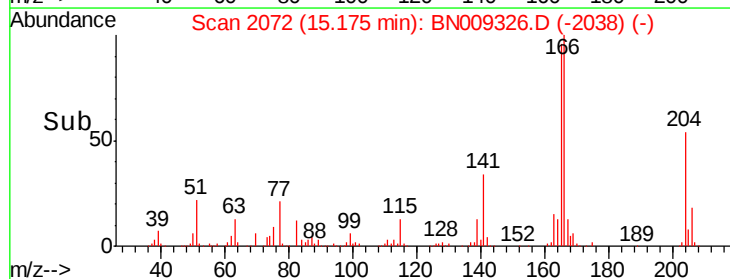
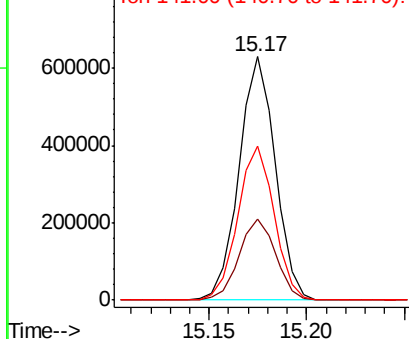


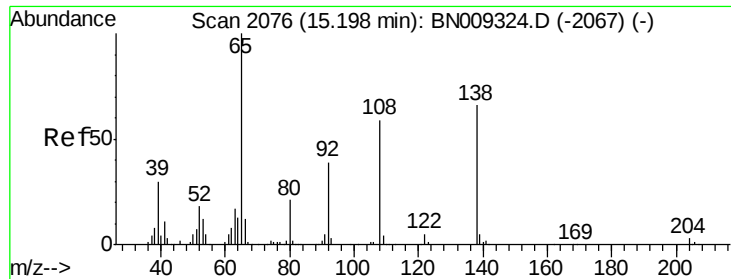
Abundance

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





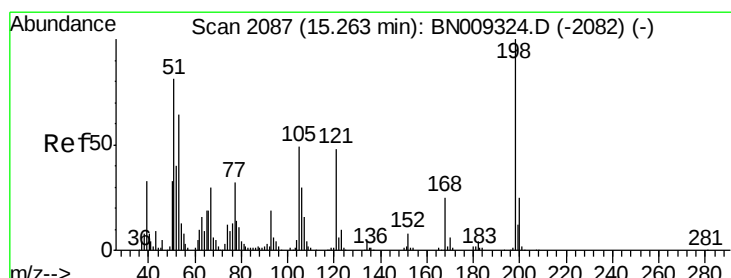
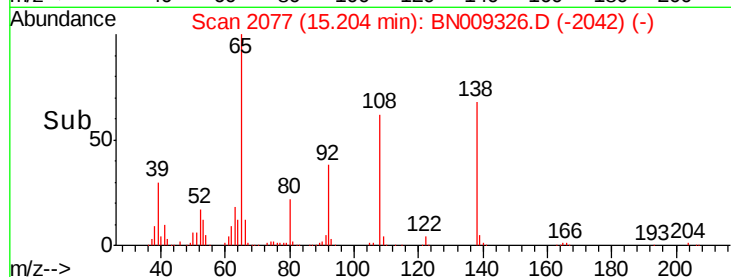
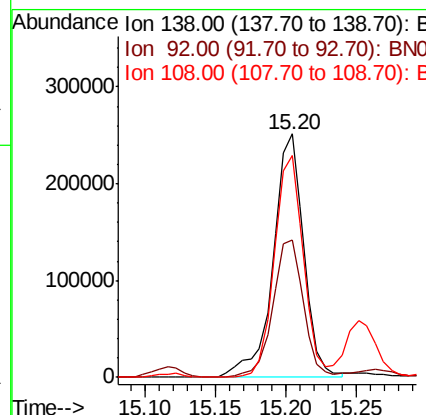
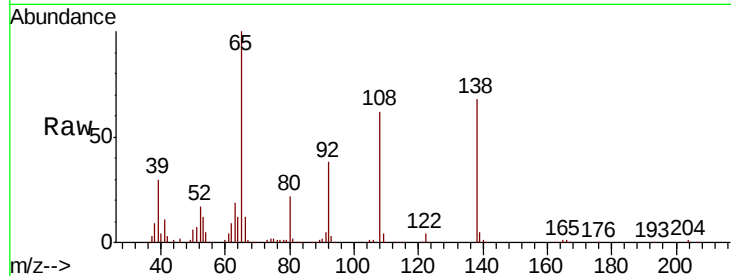
#61  
4-Nitroaniline  
Concen: 37.618 ng/ul  
RT: 15.20 min Scan# 2077  
Delta R.T. 0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 382859 |       |       |
| 92      | 56.3  | 45.0   | 67.6  |       |
| 108     | 90.9  | 65.6   | 98.4  |       |

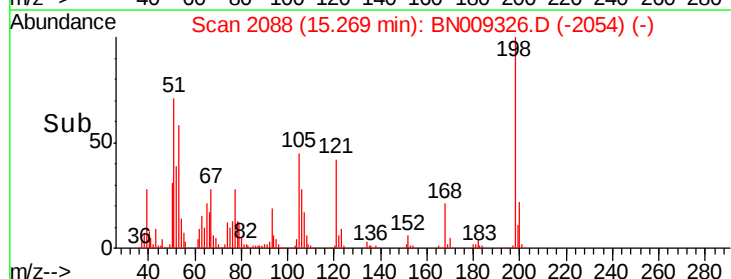
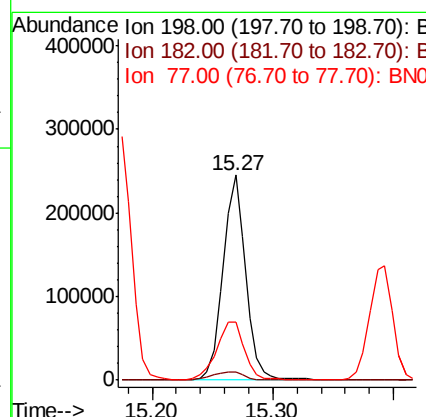
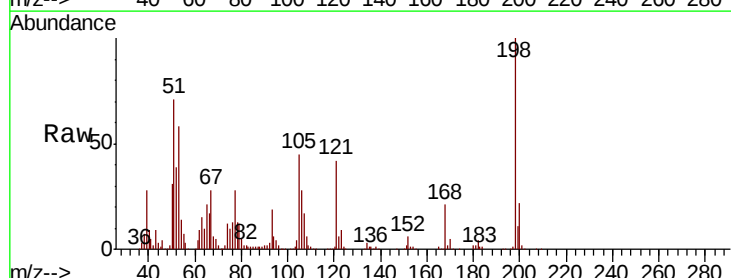
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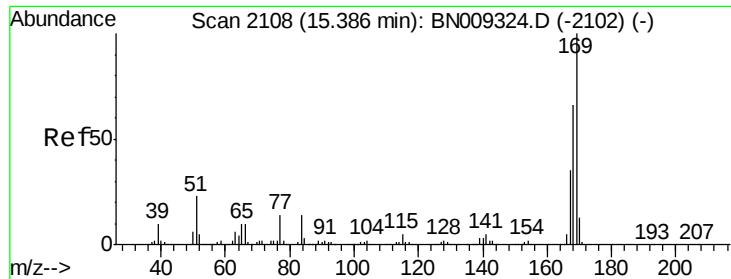
mohammad  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.354 ng/ul  
RT: 15.27 min Scan# 2088  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 317541 |       |       |
| 182     | 3.7   | 3.3    | 4.9   |       |
| 77      | 28.5  | 21.9   | 32.9  |       |





#65

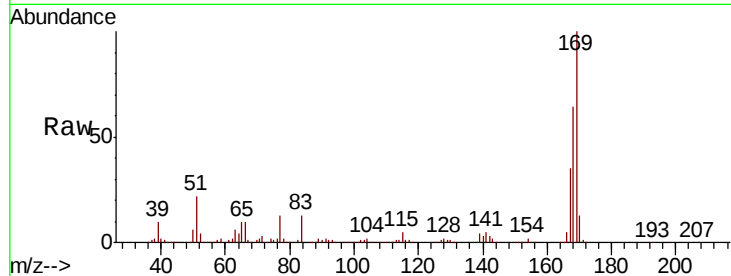
N-Nitrosodiphenylamine  
 Concen: 33.339 ng/ul  
 RT: 15.39 min Scan# 2109  
 Delta R.T. 0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampled :  
 SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 64.0  | 53.4  | 80.2  |
| 167     | 34.8  | 28.8  | 43.2  |

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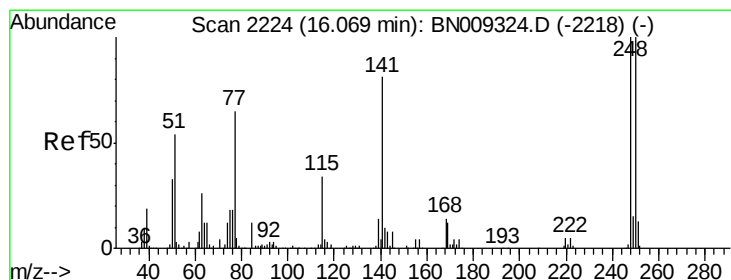
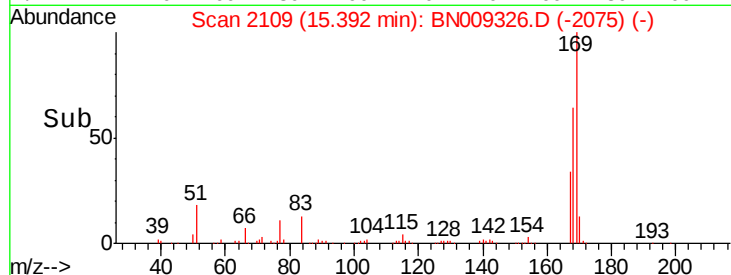
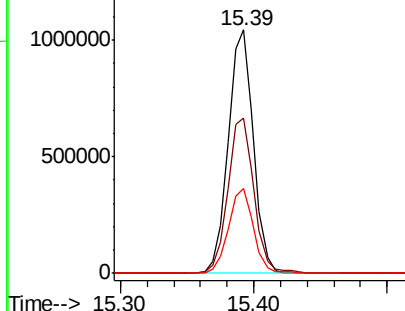


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

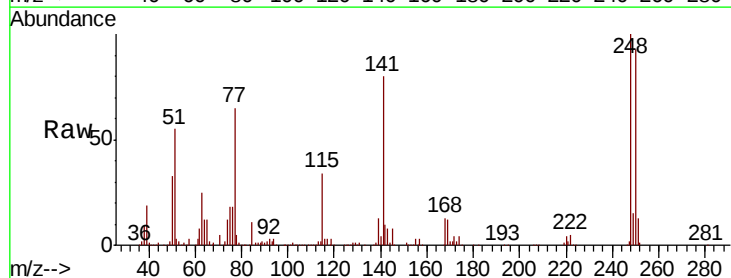
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether  
 Concen: 34.032 ng/ul  
 RT: 16.07 min Scan# 2224  
 Delta R.T. 0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 93.2  | 78.6  | 117.8 |
| 141     | 80.2  | 68.3  | 102.5 |

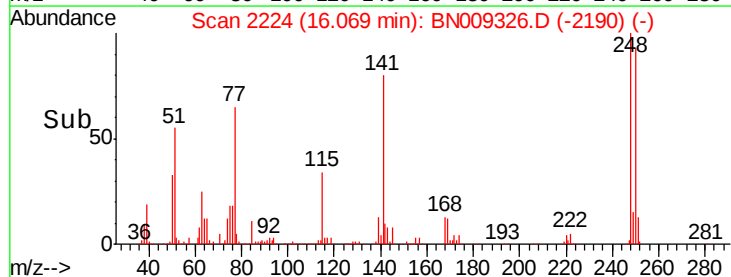
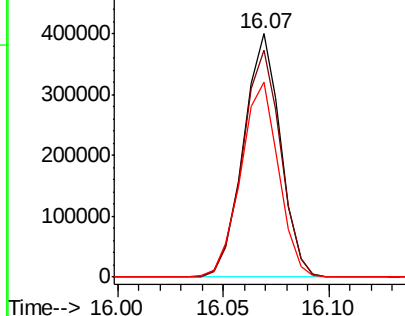


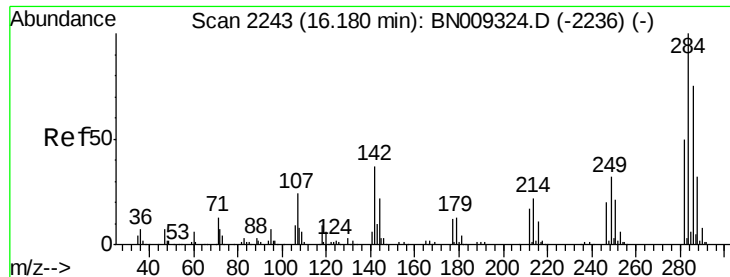
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





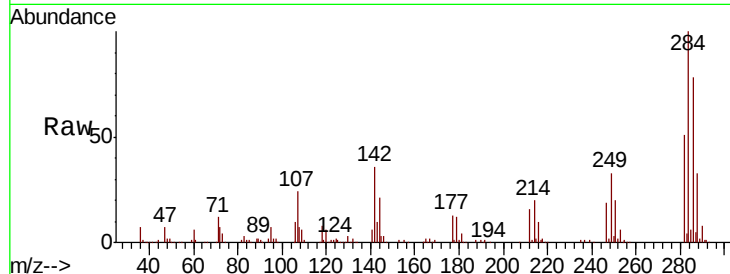
#67  
 Hexachlorobenzene  
 Concen: 33.904 ng/ul  
 RT: 16.18 min Scan# 2243  
 Delta R.T. -0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampled :  
 SLCS883

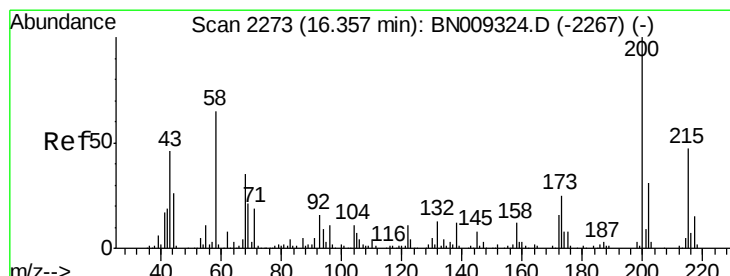
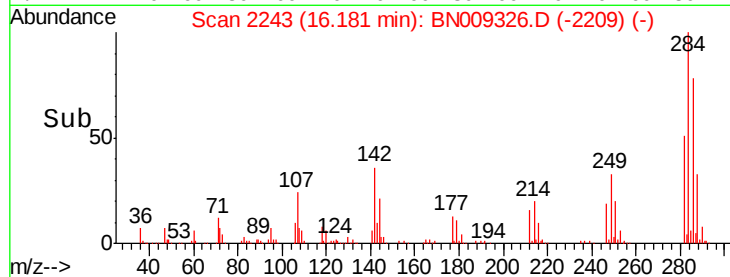
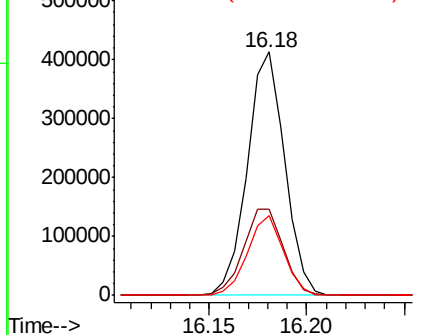
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 547019 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 35.5  | 31.6  | 47.4   |
| 249       | 32.5  | 25.7  | 38.5   |

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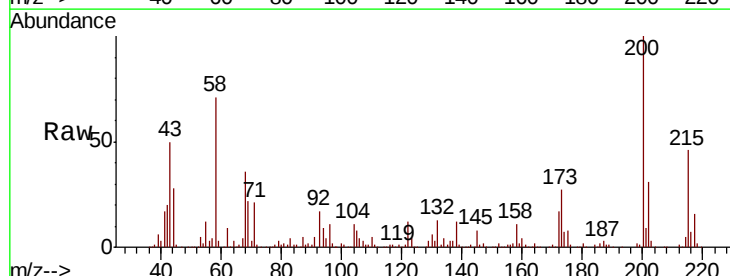


Abundance Ion 284.00 (283.70 to 284.70): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E

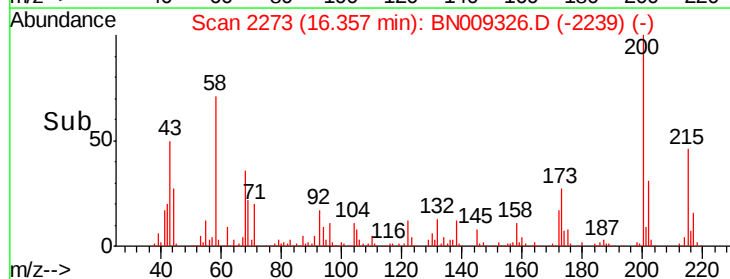
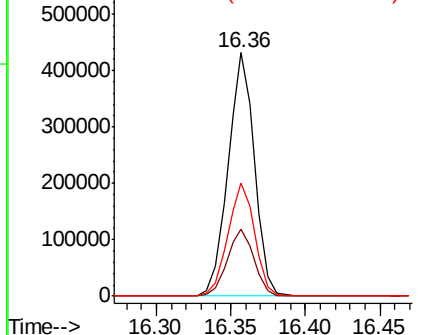


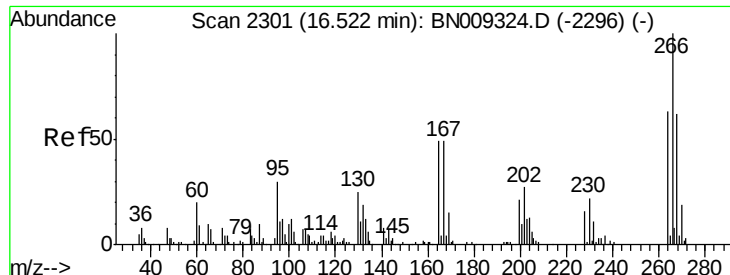
#68  
 Atrazine  
 Concen: 34.252 ng/ul  
 RT: 16.36 min Scan# 2273  
 Delta R.T. -0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 536473 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 27.3  | 21.5  | 32.3   |
| 215       | 46.2  | 39.3  | 58.9   |



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





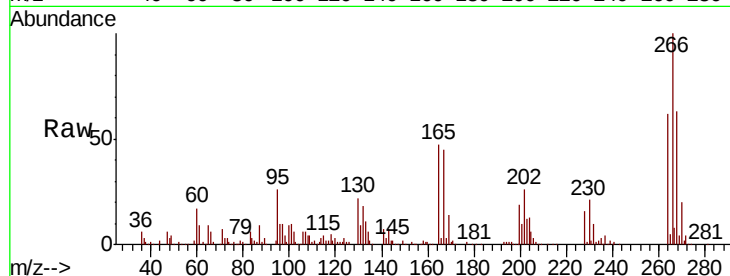
#69  
 Pentachlorophenol  
 Concen: 32.911 ng/ul  
 RT: 16.53 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.4  | 49.5  | 74.3  |
| 268     | 63.1  | 53.7  | 80.5  |

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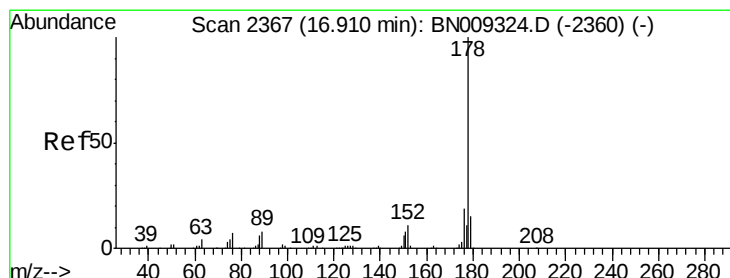
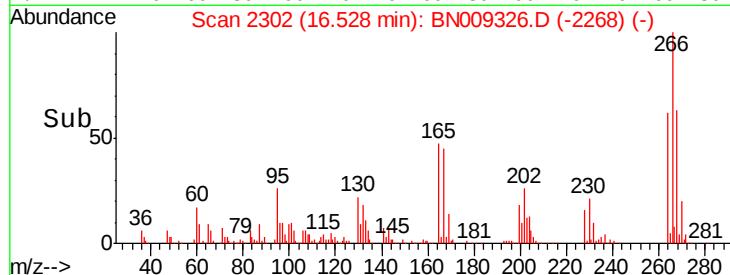
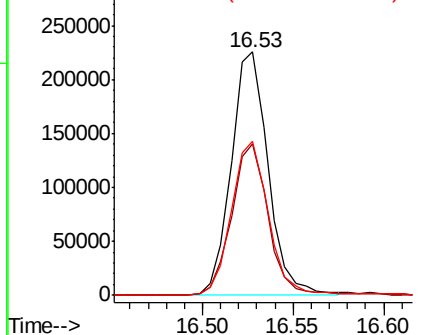


Abundance

Ion 265.70 (265.40 to 266.40): E

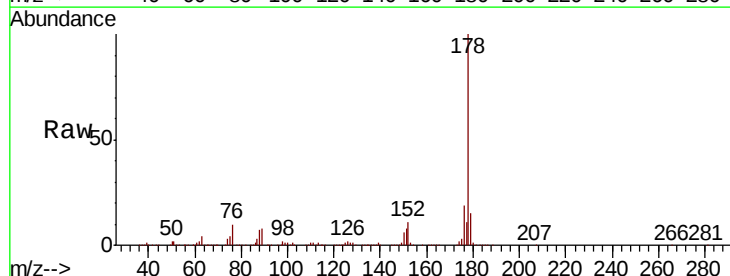
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70  
 Phenanthrene  
 Concen: 33.569 ng/ul  
 RT: 16.91 min Scan# 2367  
 Delta R.T. 0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.3  | 12.2  | 18.4  |
| 176     | 19.4  | 15.2  | 22.8  |

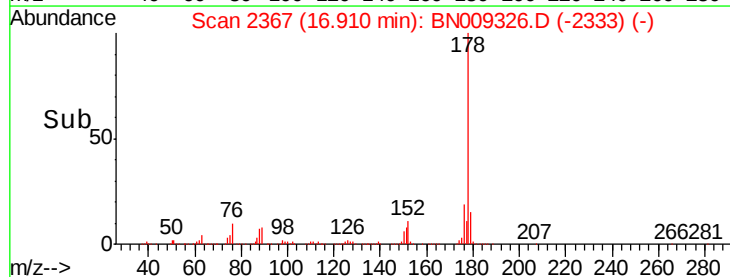
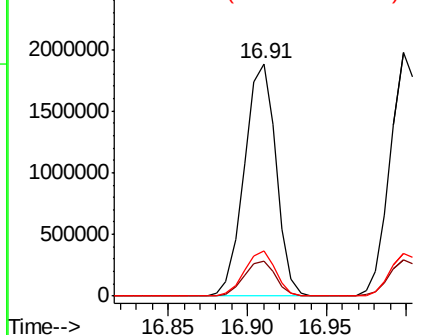


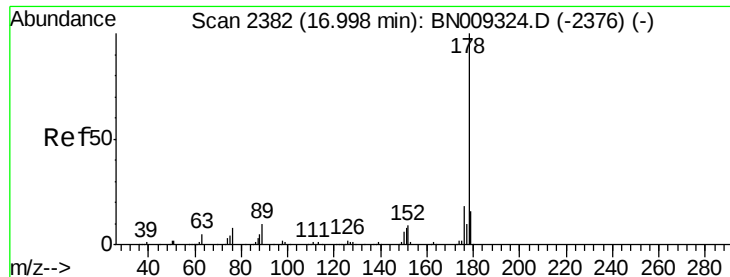
Abundance

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: 33.782 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

ClientSampled :

SLCS883

Tot Ion:178 Resp: 2660349

Ion Ratio Lower Upper

178 100

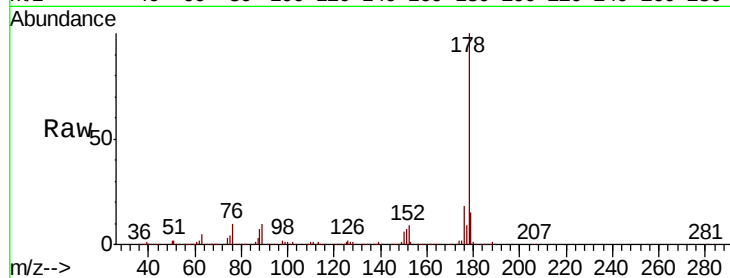
179 14.6 12.2 18.2

176 17.7 14.8 22.2

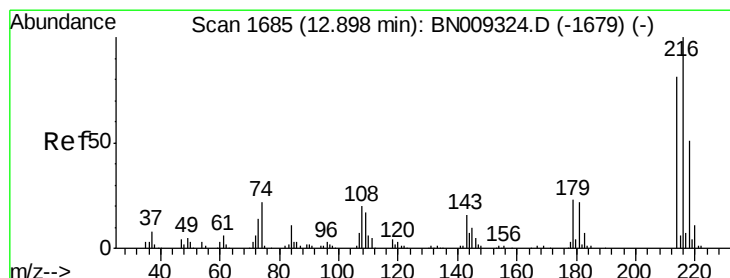
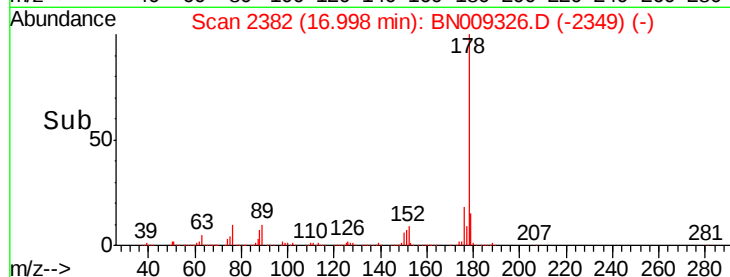
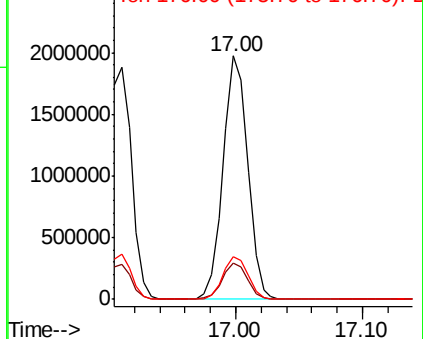
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Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 35.769 ng/uL

RT: 12.90 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

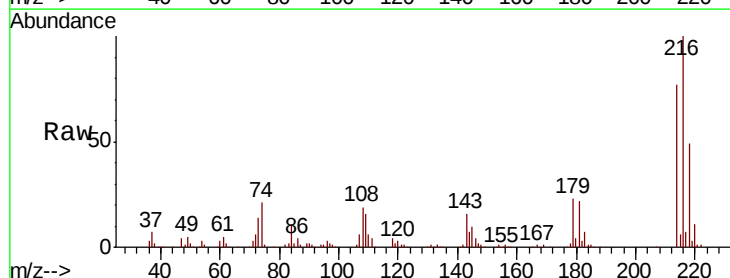
Tgt Ion:216 Resp: 681833

Ion Ratio Lower Upper

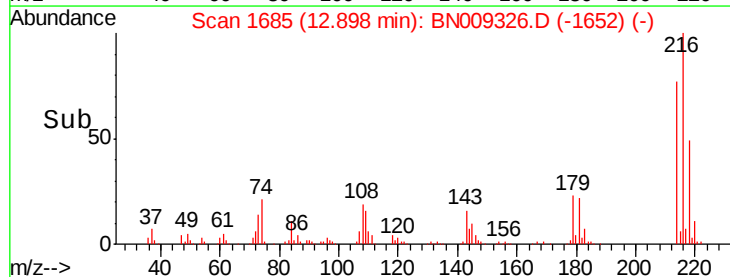
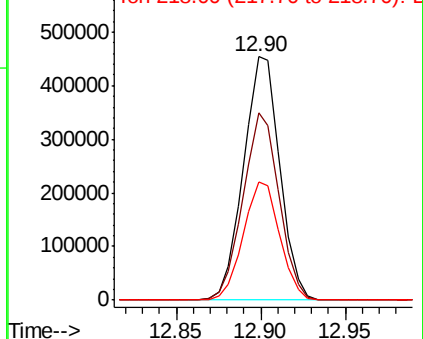
216 100

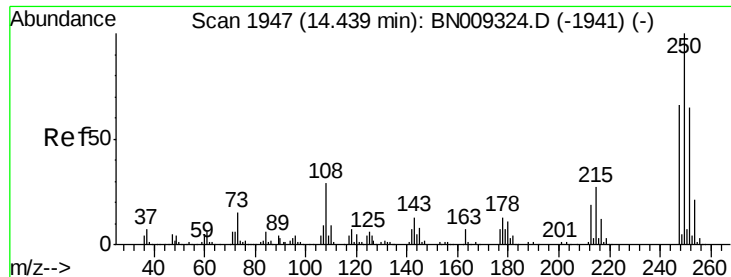
214 76.9 63.9 95.9

218 48.6 40.2 60.2



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: 38.646 ng/uL

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

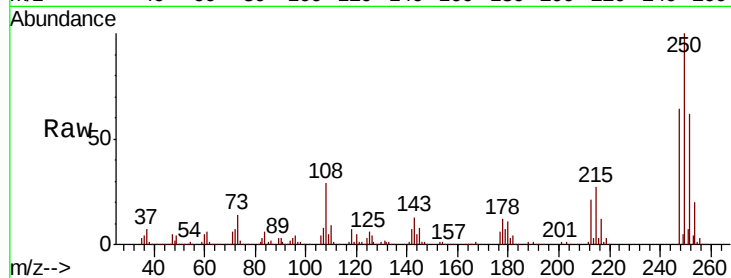
ClientSampleId :

SLCS883

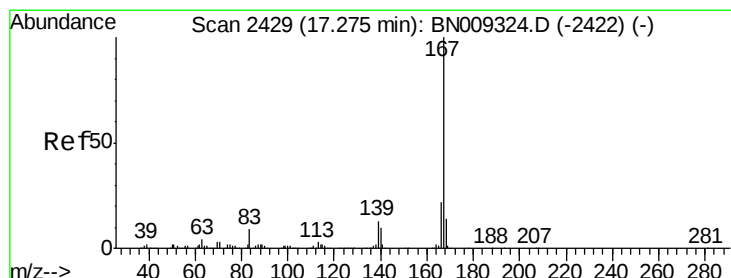
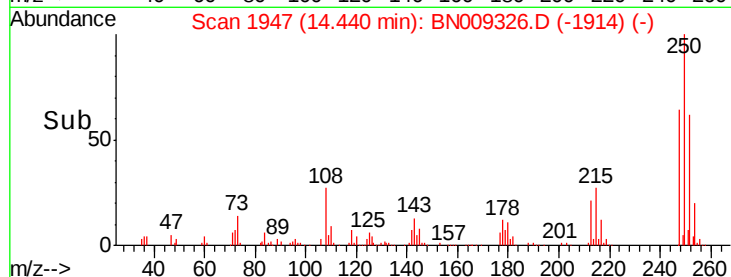
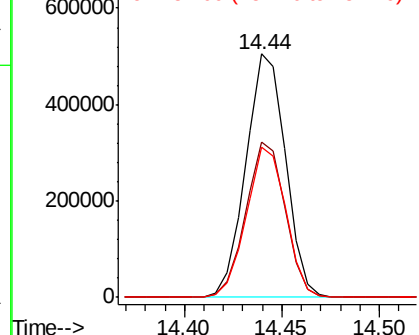
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 250  | Resp: | 713317 |
| Ion Ratio |      | Lower | Upper  |
| 250       | 100  |       |        |
| 248       | 63.5 | 50.7  | 76.1   |
| 252       | 61.6 | 52.6  | 79.0   |

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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: 33.545 ng/uL

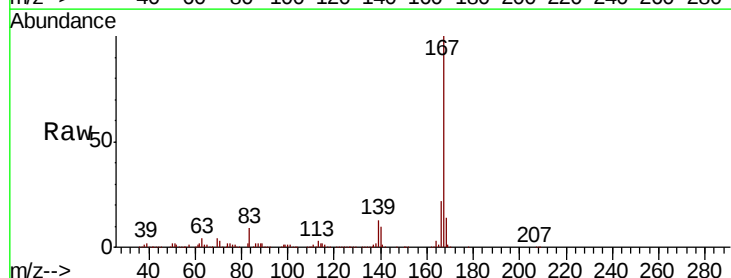
RT: 17.27 min Scan# 2429

Delta R.T. 0.00 min

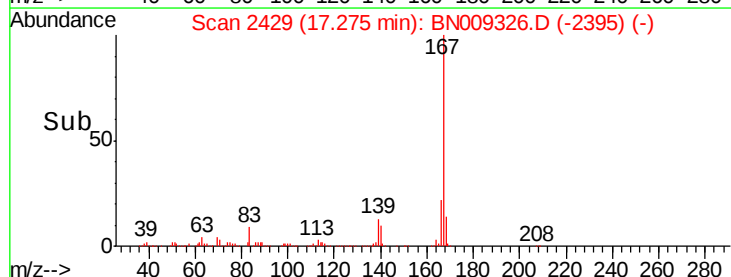
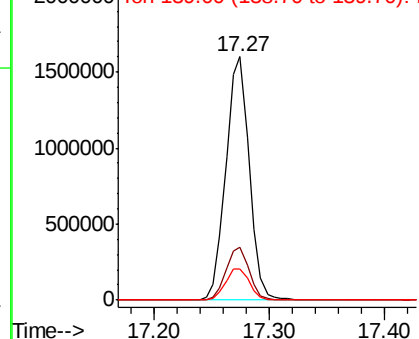
Lab File: BN009326.D

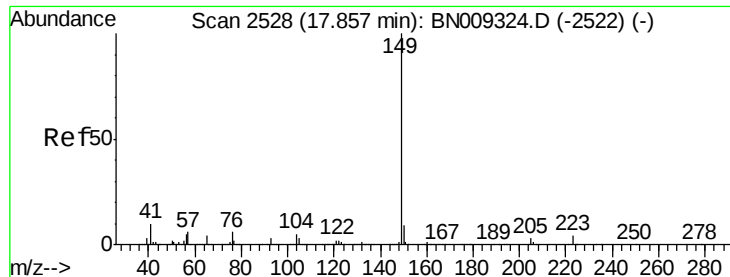
Acq: 08 Jan 2020 11:13

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 167  | Resp: | 2247668 |
| Ion Ratio |      | Lower | Upper   |
| 167       | 100  |       |         |
| 166       | 21.8 | 17.1  | 25.7    |
| 139       | 12.9 | 10.2  | 15.2    |



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





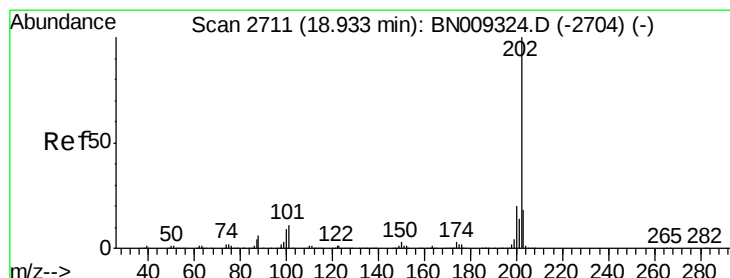
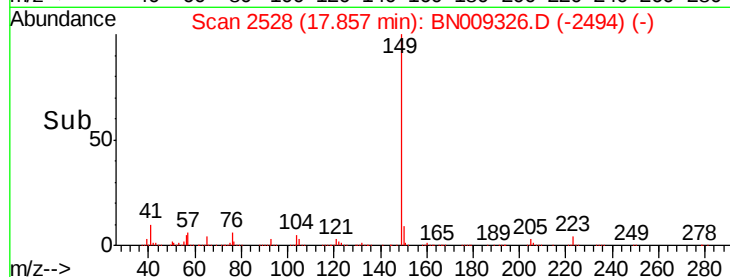
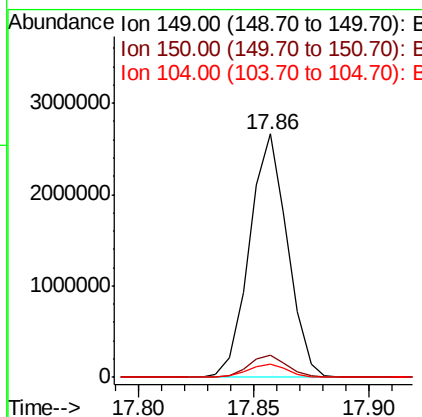
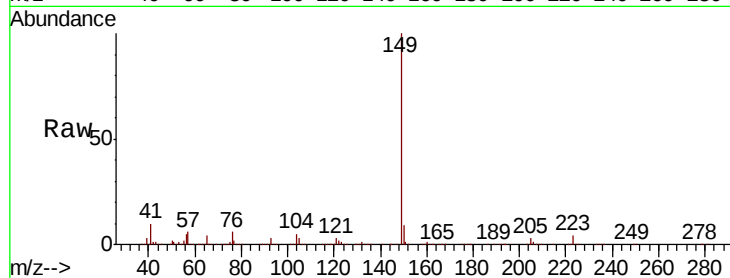
#76  
Di-n-butylphthalate  
Concen: 34.494 ng/ul  
RT: 17.86 min Scan# 2528  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.2   | 10.8  |
| 104     | 5.3   | 4.3   | 6.5   |

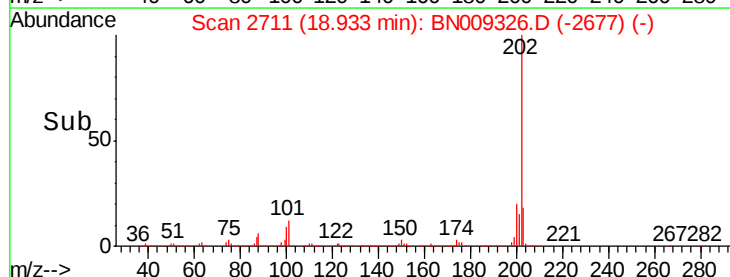
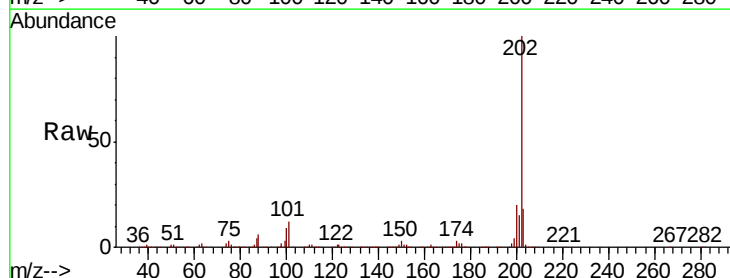
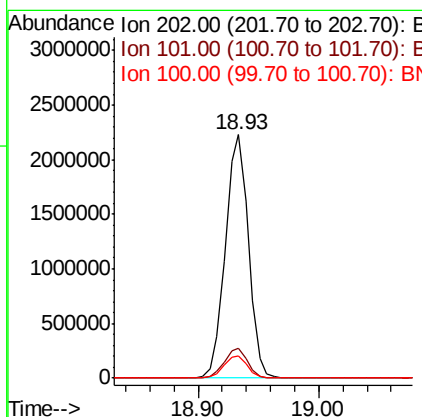
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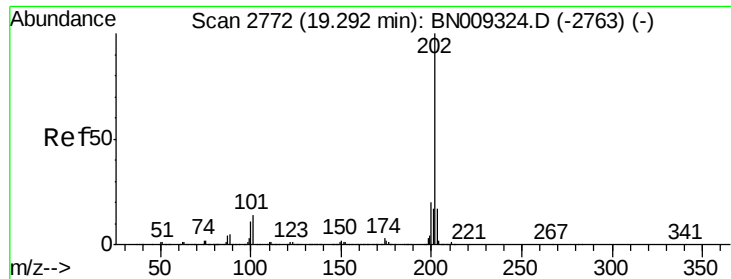
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#77  
Fluoranthene  
Concen: 32.977 ng/ul  
RT: 18.93 min Scan# 2711  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.2  | 9.6   | 14.4  |
| 100     | 8.9   | 7.1   | 10.7  |





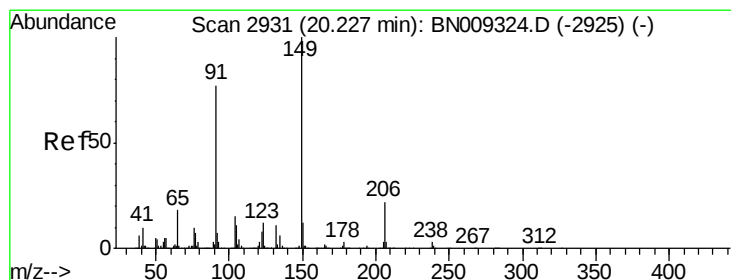
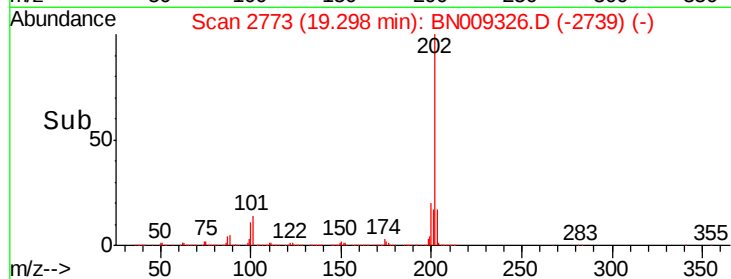
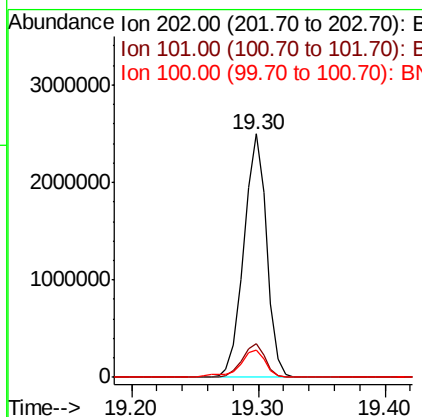
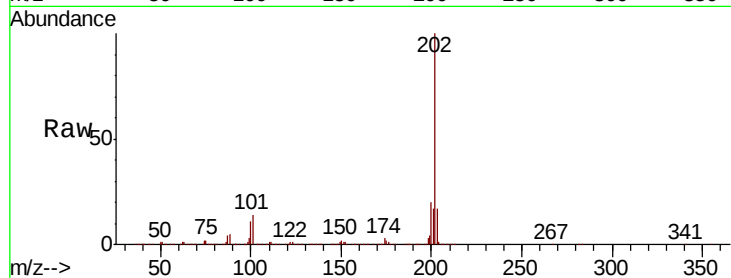
#80  
Pvrene  
Concen: 34.596 ng/ul  
RT: 19.30 min Scan# 2773  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.7  | 10.4  | 15.6  |
| 100     | 11.2  | 8.6   | 12.8  |

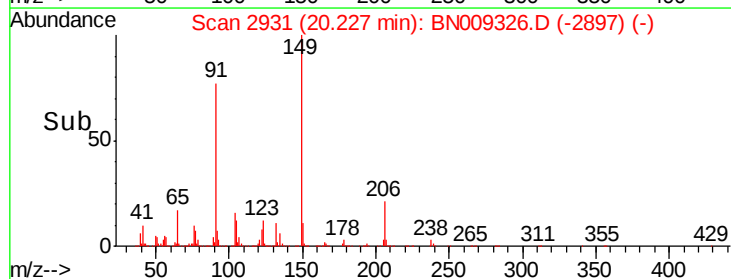
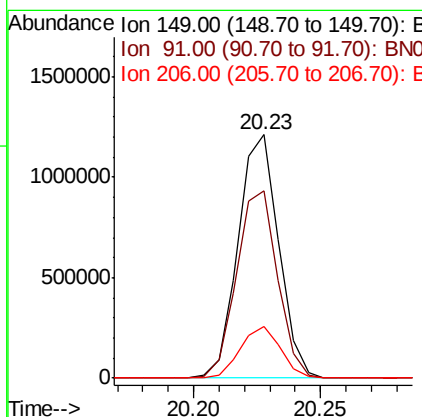
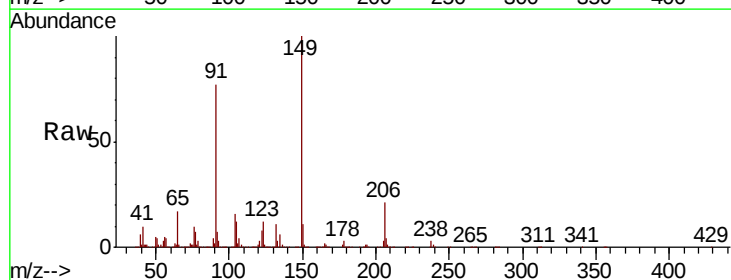
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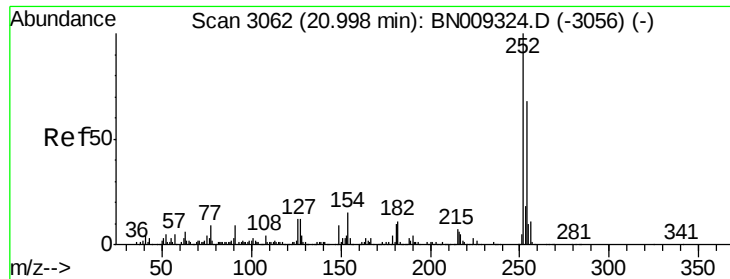
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#81  
Butylbenzylphthalate  
Concen: 35.741 ng/ul  
RT: 20.23 min Scan# 2931  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.1  | 61.9  | 92.9  |
| 206     | 21.1  | 16.8  | 25.2  |





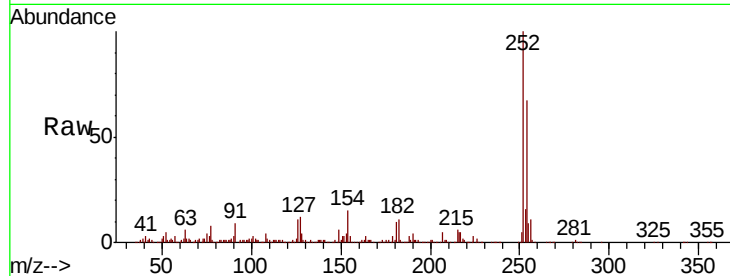
#82  
 3,3'-Dichlorobenzidine  
 Concen: 39.117 ng/ul  
 RT: 21.00 min Scan# 3062  
 Delta R.T. 0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

Instrument :  
 BNA\_N  
 ClientSampled :  
 SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.2  | 51.6  | 77.4  |
| 126     | 10.9  | 9.0   | 13.6  |

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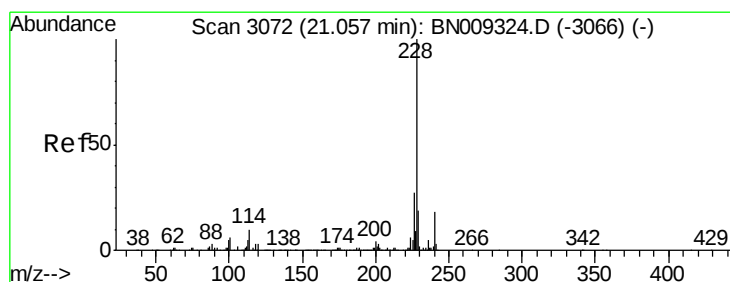
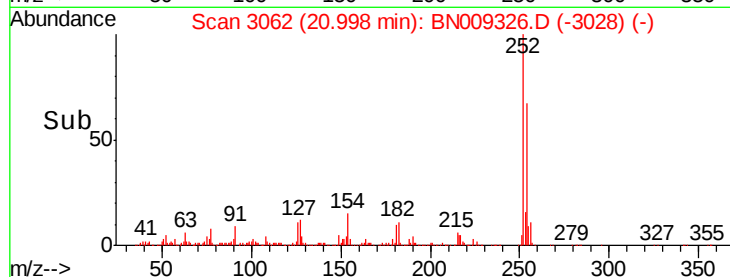
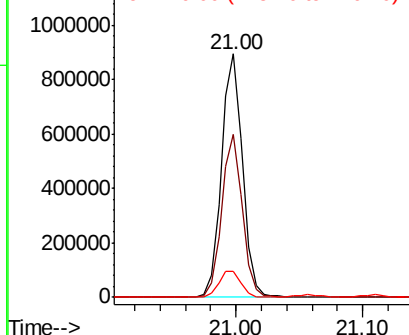


Abundance

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: 33.148 ng/ul  
 RT: 21.06 min Scan# 3072  
 Delta R.T. -0.00 min  
 Lab File: BN009326.D  
 Acq: 08 Jan 2020 11:13

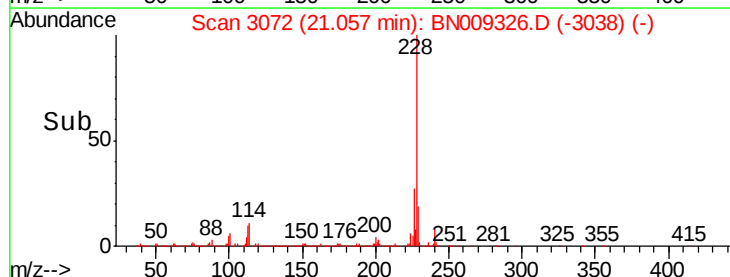
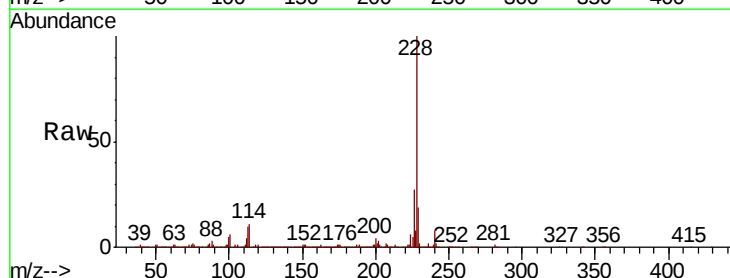
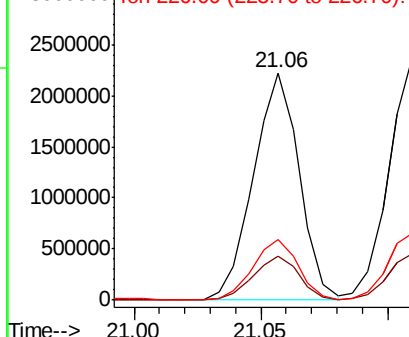
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.1  | 15.4  | 23.0  |
| 226     | 26.7  | 21.5  | 32.3  |

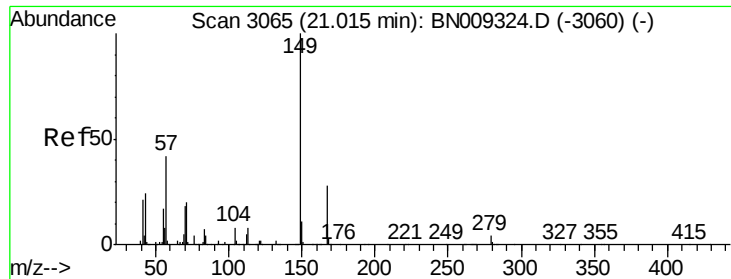
Abundance

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: 35.595 ng/ul

RT: 21.02 min Scan# 3065

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

ClientSampled :

SLCS883

Tot Ion:149 Resp: 2018275

Ion Ratio Lower Upper

149 100

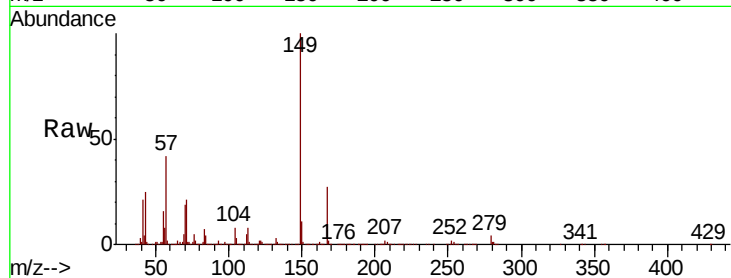
167 27.4 22.2 33.2

279 4.4 3.4 5.0

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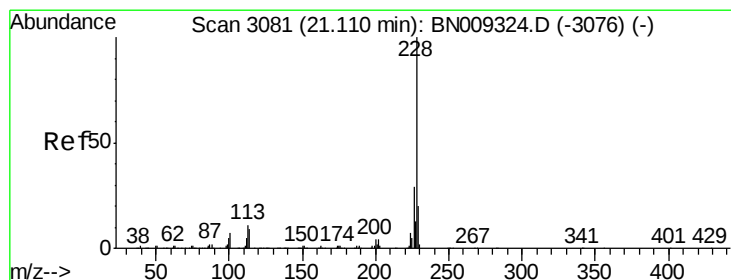
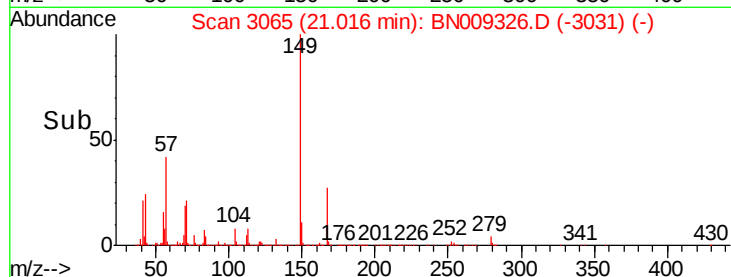
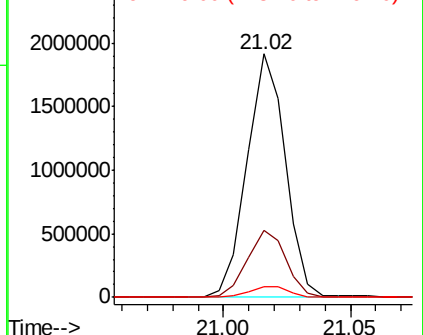


Abundance

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

Chrysene

Concen: 32.636 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

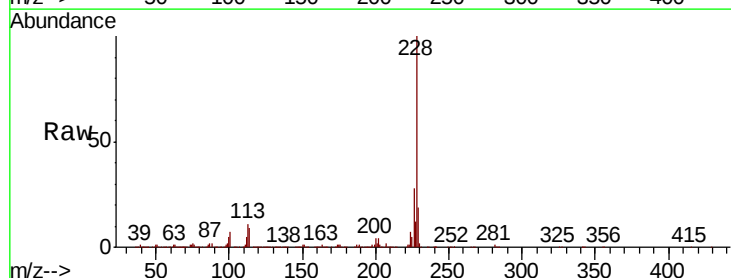
Tgt Ion:228 Resp: 2686613

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

229 19.1 14.9 22.3

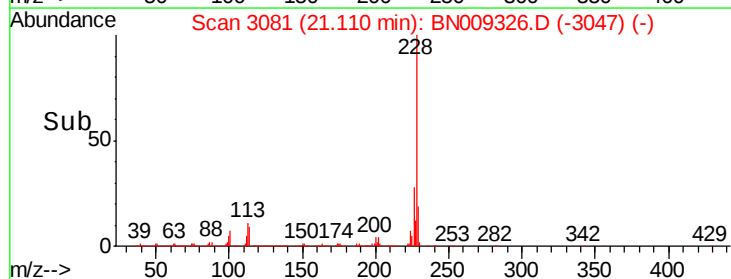
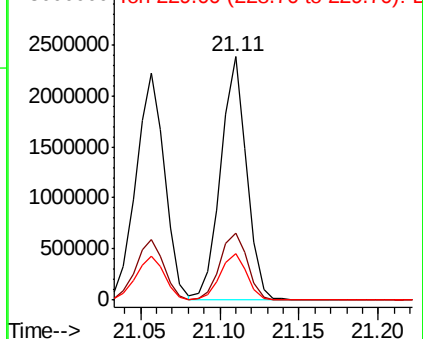


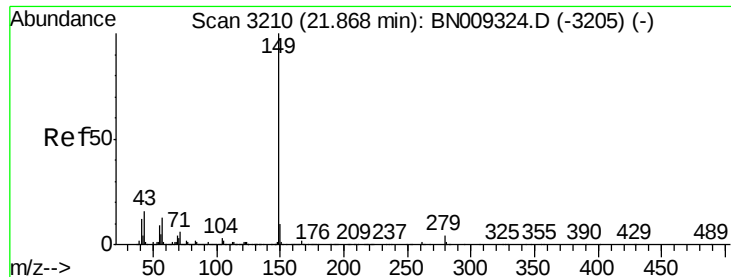
Abundance

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





#87

Di-n-octyl phthalate

Concen: 37.320 ng/ul

RT: 21.87 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

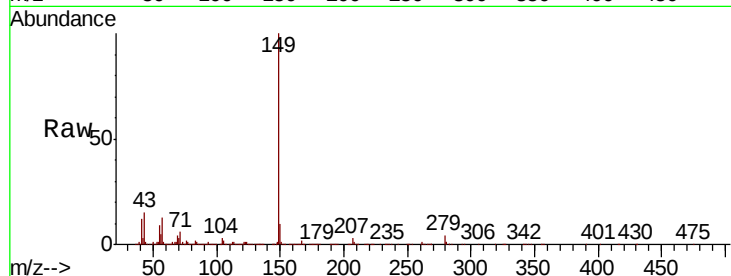
ClientSampleId :

SLCS883

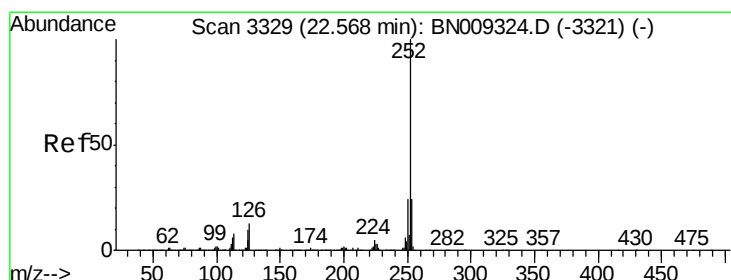
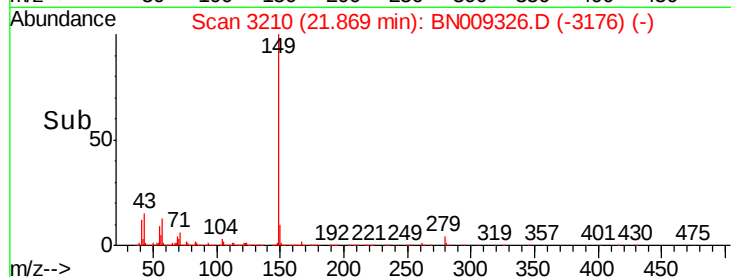
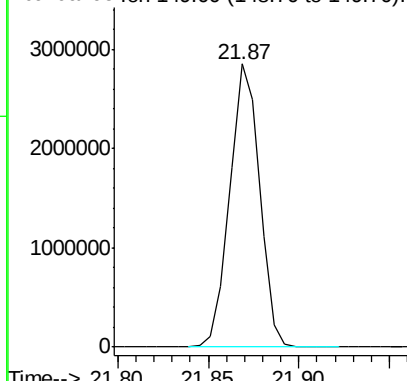
Tgt Ion:149 Resp: 3271349

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Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 33.423 ng/ul

RT: 22.57 min Scan# 3329

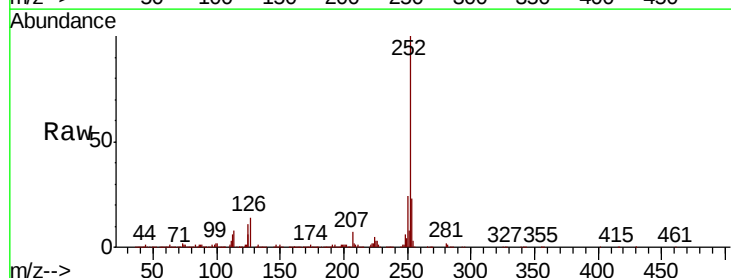
Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Tgt Ion:252 Resp: 2474724

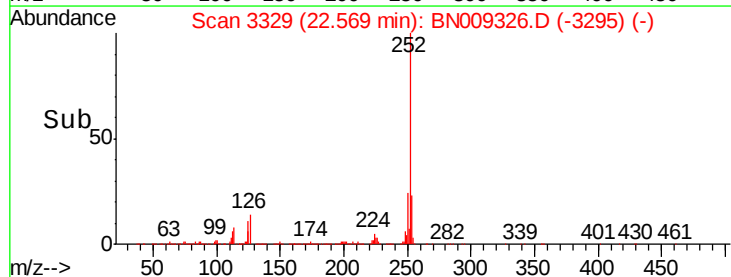
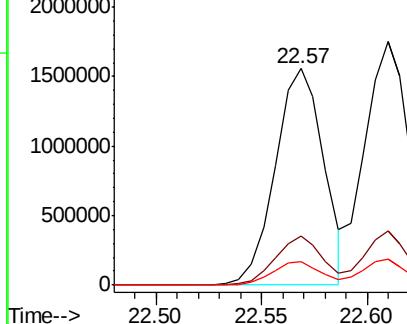
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 17.0  | 25.6  |
| 125 | 10.9  | 8.0   | 12.0  |

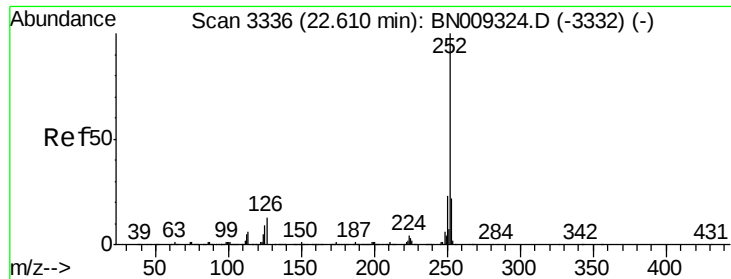


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





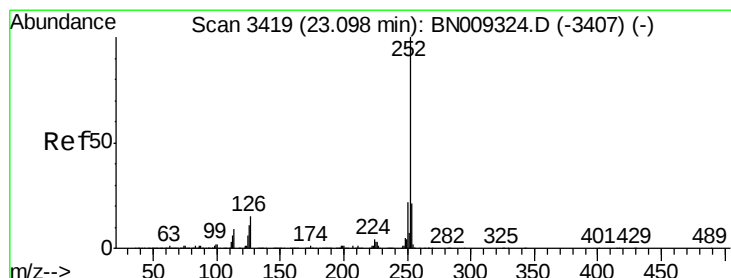
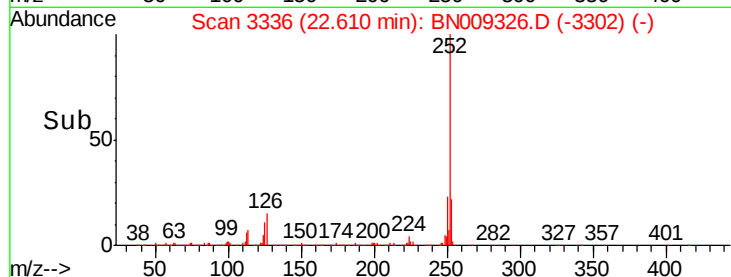
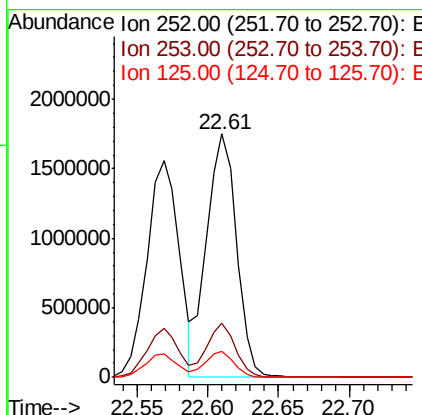
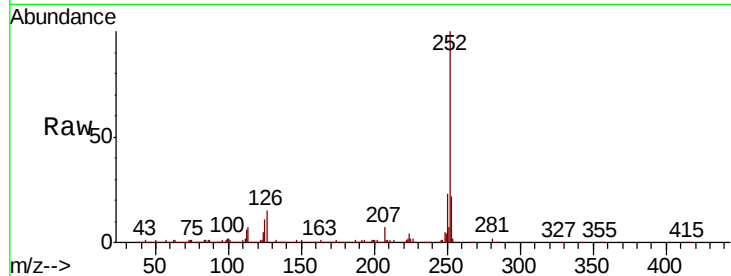
#89  
Benzo(k)fluoranthene  
Concen: 35.387 ng/ul  
RT: 22.61 min Scan# 3336  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.8  |
| 125     | 10.7  | 8.2   | 12.2  |

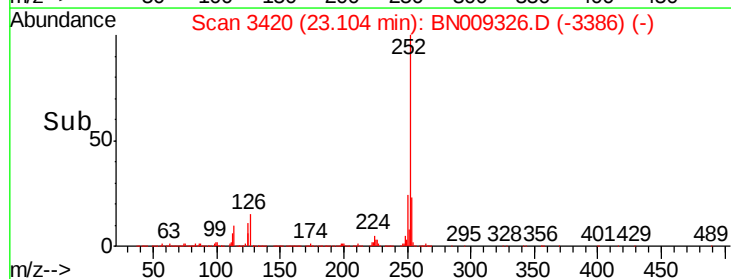
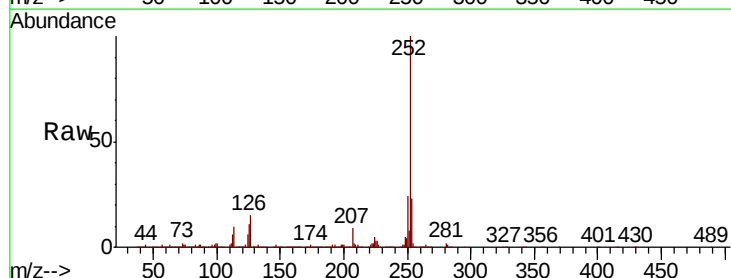
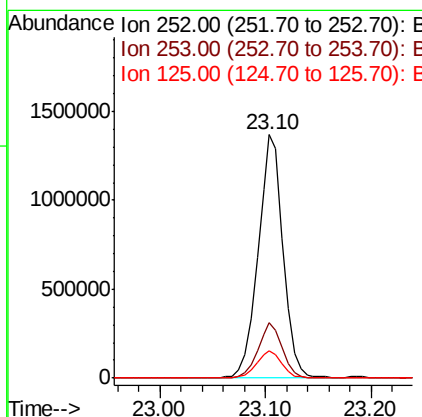
Manual Integrations  
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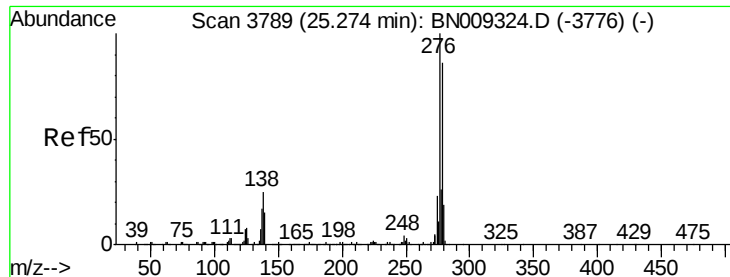
mohammad  
1/9/2020 12:11:20 PM



#91  
Benzo(a)pyrene  
Concen: 34.079 ng/ul  
RT: 23.10 min Scan# 3420  
Delta R.T. -0.00 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 16.5  | 24.7  |
| 125     | 11.3  | 9.3   | 13.9  |





#92

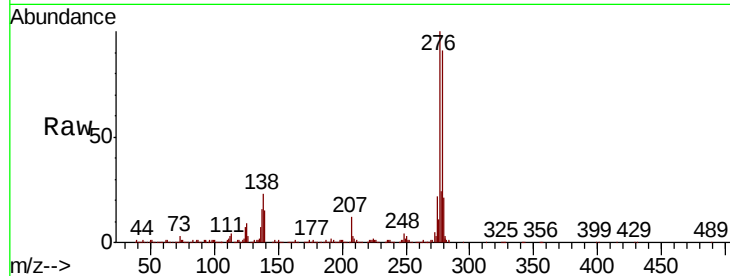
Indeno(1,2,3-cd)pyrene  
Concen: 33.485 ng/ul  
RT: 25.28 min Scan# 3790  
Delta R.T. 0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS883

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.4  | 18.4  | 27.6  |
| 277     | 24.1  | 19.1  | 28.7  |

Manual Integrations  
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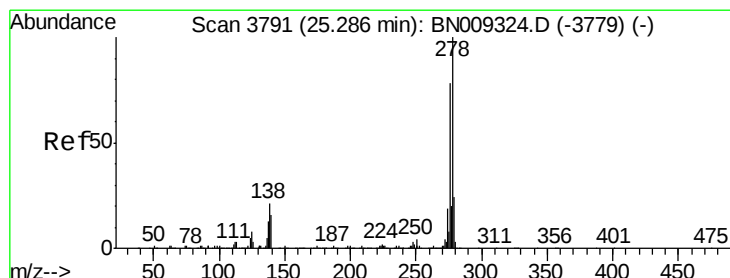
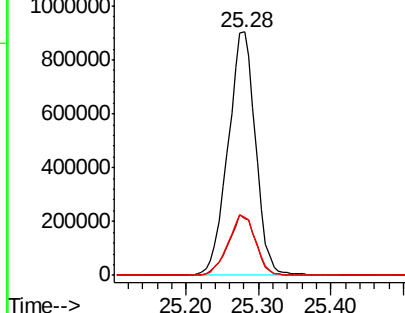
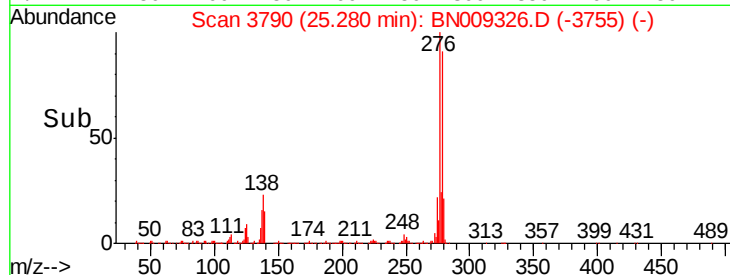


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

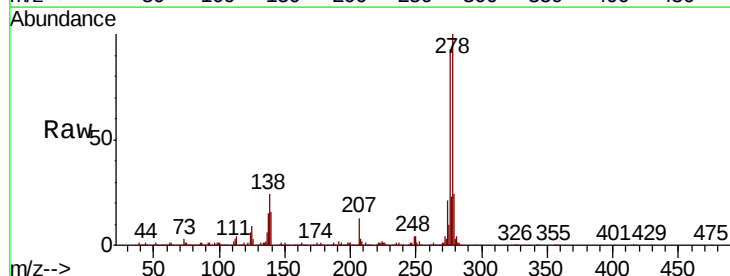
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene  
Concen: 33.569 ng/ul  
RT: 25.29 min Scan# 3791  
Delta R.T. -0.01 min  
Lab File: BN009326.D  
Acq: 08 Jan 2020 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 12.1  | 18.1  |
| 279     | 24.0  | 17.8  | 26.6  |

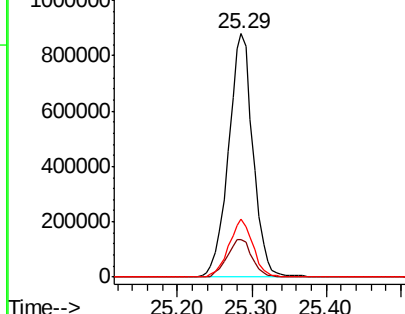
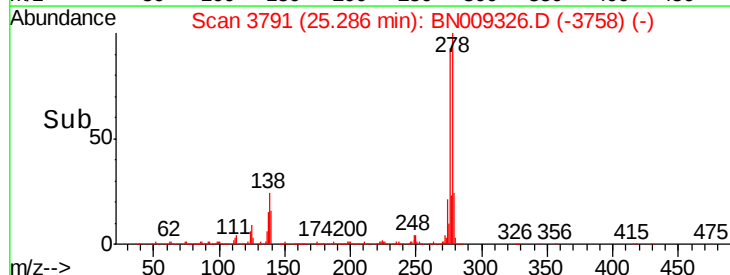


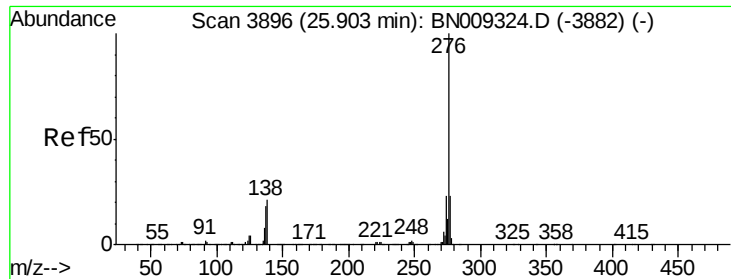
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 32.857 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.00 min

Lab File: BN009326.D

Acq: 08 Jan 2020 11:13

Instrument :

BNA\_N

ClientSampleId :

SLCS883

Tot Ion: 276 Resp: 1884774

Ion Ratio Lower Upper

276 100

138 21.8 17.8 26.6

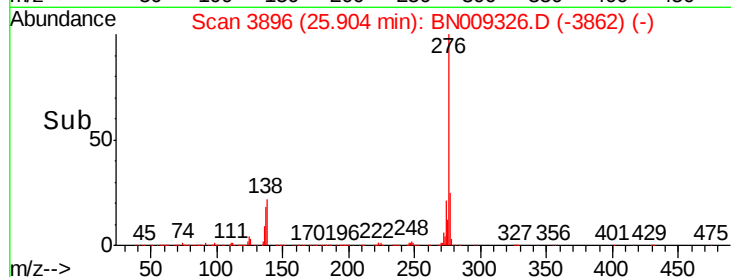
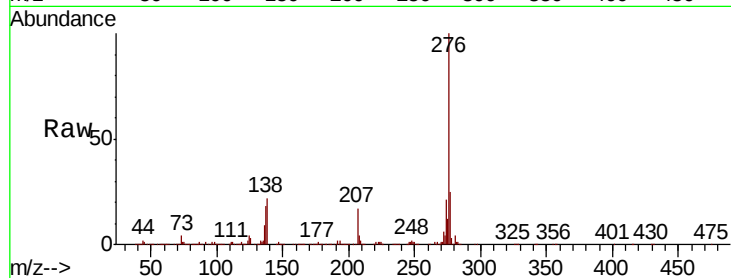
277 25.0 19.6 29.4

Manual Integrations

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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

