

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\  
 Data File : BF115185.D  
 Acq On : 25 Jun 2019 14:14  
 Operator : HP/JU  
 Sample : PB120851BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

Manual Integrations  
 APPROVED

Quant Time: Jun 26 06:46:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 04:21:29 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.61  | 152  | 269221   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.90  | 136  | 1078953  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.64  | 164  | 542551   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.11 | 188  | 1055472  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.73 | 240  | 714794   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.10 | 264  | 756554   | 20.00 | ng    | -0.01    |

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#### System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.22  | 112 | 1899435 | 108.88 | ng | 0.02  |
| 7) Phenol-d6             | 6.26  | 99  | 2346208 | 110.80 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.18  | 82  | 1454721 | 82.94  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.42 | 330 | 695006  | 121.47 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 8.97  | 172 | 2745195 | 85.95  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.69 | 244 | 2858389 | 85.02  | ng | -0.01 |

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#### Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.29 | 88  | 295667  | 35.910 | ng | 99     |
| 3) Pyridine                    | 2.94 | 79  | 803278  | 34.614 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.88 | 42  | 334563  | 36.775 | ng | 98     |
| 6) Aniline                     | 6.27 | 93  | 709488  | 24.379 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.40 | 128 | 803126  | 40.940 | ng | 98     |
| 9) Benzaldehyde                | 6.15 | 77  | 111005  | 8.035  | ng | 98     |
| 10) Phenol                     | 6.27 | 94  | 924702  | 37.280 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 726660  | 39.743 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 850700  | 39.074 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 858685  | 39.332 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 802847  | 39.710 | ng | 99     |
| 15) Benzyl Alcohol             | 6.76 | 79  | 536214  | 34.776 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 1037384 | 39.119 | ng | 96     |
| 17) 2-Methylphenol             | 6.88 | 107 | 702240  | 43.369 | ng | 98     |
| 18) Hexachloroethane           | 7.12 | 117 | 306246  | 38.910 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70  | 519190  | 38.298 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.03 | 107 | 785654  | 42.020 | ng | 94     |
| 22) Acetophenone               | 7.02 | 105 | 1065699 | 43.144 | ng | # 97   |
| 24) Nitrobenzene               | 7.20 | 77  | 818812  | 42.375 | ng | 99     |
| 25) Isophorone                 | 7.44 | 82  | 1489038 | 41.442 | ng | 99     |
| 26) 2-Nitrophenol              | 7.51 | 139 | 466847  | 48.923 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.56 | 122 | 769571  | 49.256 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.65 | 93  | 931214  | 41.005 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 717895  | 44.524 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 759049  | 42.619 | ng | 99     |
| 31) Naphthalene                | 7.92 | 128 | 2253732 | 42.553 | ng | 100    |
| 32) Benzoic acid               | 7.70 | 122 | 599753  | 53.777 | ng | 99     |
| 33) 4-Chloroaniline            | 7.96 | 127 | 560272  | 23.147 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 408250  | 41.829 | ng | 98     |
| 35) Caprolactam                | 8.34 | 113 | 239648m | 44.208 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.45 | 107 | 738719  | 45.240 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.61 | 142 | 1569670 | 43.955 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.71 | 142 | 1490248 | 43.695 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 661473  | 43.145 | ng | 99     |

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

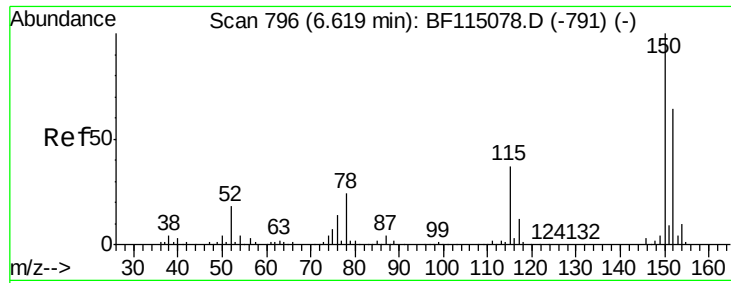
Manual Integrations  
 APPROVED

Quant Time: Jun 26 06:46:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 04:21:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)                |
|--------------------------------|-------|------|----------|--------|-------|-------------------------|
| 41) Hexachlorocyclopentadiene  | 8.77  | 237  | 691446   | 76.058 | ng    | 99                      |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 506098   | 42.757 | ng    | 100                     |
| 44) 2,4,5-Trichlorophenol      | 8.93  | 196  | 533312   | 43.752 | ng    | 99                      |
| 46) 1,1'-Biphenyl              | 9.07  | 154  | 1806632  | 41.616 | ng    | 98                      |
| 47) 2-Chloronaphthalene        | 9.09  | 162  | 1475001  | 41.887 | ng    | 97                      |
| 48) 2-Nitroaniline             | 9.18  | 65   | 445817   | 43.425 | ng    | 97 mohammad             |
| 49) Acenaphthylene             | 9.50  | 152  | 2288389  | 41.710 | ng    | 99                      |
| 50) Dimethylphthalate          | 9.38  | 163  | 1676391  | 41.997 | ng    | 99                      |
| 51) 2,6-Dinitrotoluene         | 9.43  | 165  | 403731   | 43.810 | ng    | 97                      |
| 52) Acenaphthene               | 9.68  | 154  | 1355602  | 39.486 | ng    | 99                      |
| 53) 3-Nitroaniline             | 9.60  | 138  | 306509   | 27.255 | ng    | 93 6/26/2019 2:03:19 PM |
| 54) 2,4-Dinitrophenol          | 9.70  | 184  | 448089   | 93.163 | ng    | 95                      |
| 55) Dibenzofuran               | 9.85  | 168  | 1974400  | 40.069 | ng    | 98                      |
| 56) 4-Nitrophenol              | 9.77  | 139  | 708372   | 78.569 | ng    | 94                      |
| 57) 2,4-Dinitrotoluene         | 9.83  | 165  | 540985   | 45.464 | ng    | 94                      |
| 58) Fluorene                   | 10.19 | 166  | 1389095  | 41.886 | ng    | 99                      |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.97  | 232  | 474512   | 46.425 | ng    | 99                      |
| 60) Diethylphthalate           | 10.08 | 149  | 1661225  | 41.402 | ng    | 100                     |
| 61) 4-Chlorophenyl-phenylether | 10.18 | 204  | 673492   | 42.879 | ng    | 97                      |
| 62) 4-Nitroaniline             | 10.21 | 138  | 453241   | 40.174 | ng    | 98                      |
| 63) Azobenzene                 | 10.34 | 77   | 1530824  | 40.846 | ng    | 98                      |
| 65) 4,6-Dinitro-2-methylphenol | 10.24 | 198  | 264431   | 47.180 | ng    | 91                      |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 1400890  | 42.602 | ng    | 99                      |
| 67) 4-Bromophenyl-phenylether  | 10.67 | 248  | 485126   | 42.393 | ng    | 98                      |
| 68) Hexachlorobenzene          | 10.73 | 284  | 529977   | 42.667 | ng    | 94                      |
| 69) Atrazine                   | 10.83 | 200  | 450436   | 42.583 | ng    | 99                      |
| 70) Pentachlorophenol          | 10.92 | 266  | 673471   | 85.107 | ng    | 99                      |
| 71) Phenanthrene               | 11.14 | 178  | 2248784  | 39.572 | ng    | 99                      |
| 72) Anthracene                 | 11.19 | 178  | 2313642  | 40.333 | ng    | 98                      |
| 73) Carbazole                  | 11.34 | 167  | 2114383  | 41.277 | ng    | 98                      |
| 74) Di-n-butylphthalate        | 11.69 | 149  | 2428103  | 41.021 | ng    | 98                      |
| 75) Fluoranthene               | 12.32 | 202  | 2338855  | 41.250 | ng    | 98                      |
| 77) Benzidine                  | 12.44 | 184  | 784565   | 24.719 | ng    | 100                     |
| 78) Pyrene                     | 12.54 | 202  | 2361143  | 42.983 | ng    | 97                      |
| 80) Butylbenzylphthalate       | 13.18 | 149  | 1099327  | 45.348 | ng    | 93                      |
| 81) Benzo(a)anthracene         | 13.72 | 228  | 2167403  | 42.259 | ng    | 99                      |
| 82) 3,3'-Dichlorobenzidine     | 13.69 | 252  | 684489   | 36.957 | ng    | 99                      |
| 83) Chrysene                   | 13.76 | 228  | 2068549  | 44.029 | ng    | 98                      |
| 84) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 1406395  | 44.275 | ng    | 99                      |
| 85) Di-n-octyl phthalate       | 14.35 | 149  | 2417549  | 45.297 | ng    | 99                      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.38 | 276  | 2382159  | 42.850 | ng    | 99                      |
| 88) Benzo(b)fluoranthene       | 14.73 | 252  | 2372387  | 50.255 | ng    | 99                      |
| 89) Benzo(k)fluoranthene       | 14.76 | 252  | 2018560  | 47.681 | ng    | 97                      |
| 90) Benzo(a)pyrene             | 15.05 | 252  | 2162663  | 50.829 | ng    | 99                      |
| 91) Dibenzo(a,h)anthracene     | 16.39 | 278  | 1961135  | 49.372 | ng    | 99                      |
| 92) Benzo(g,h,i)perylene       | 16.76 | 276  | 1984501  | 49.362 | ng    | 98                      |

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





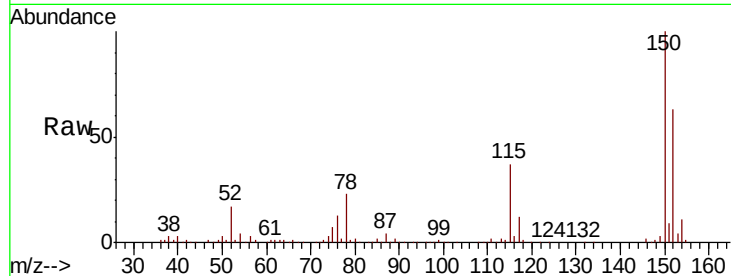
#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.61 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 124.2 | 186.2 |
| 115     | 57.9  | 46.1  | 69.1  |

Manual Integrations  
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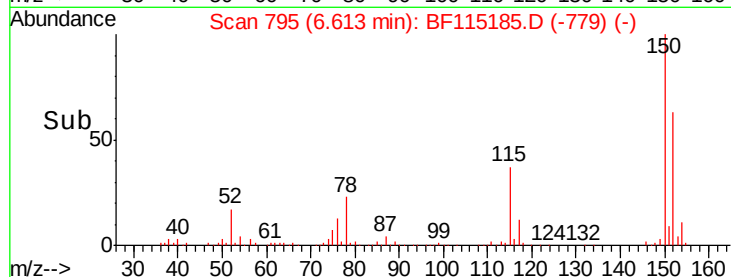
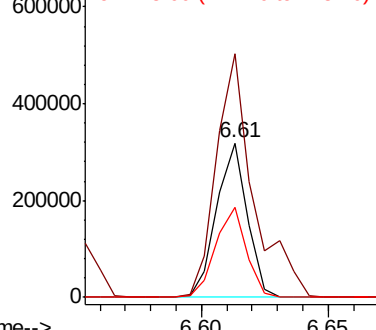


Abundance

Ion 152.00 (151.70 to 152.70): E

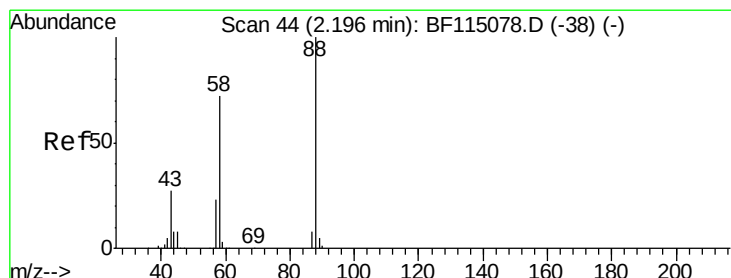
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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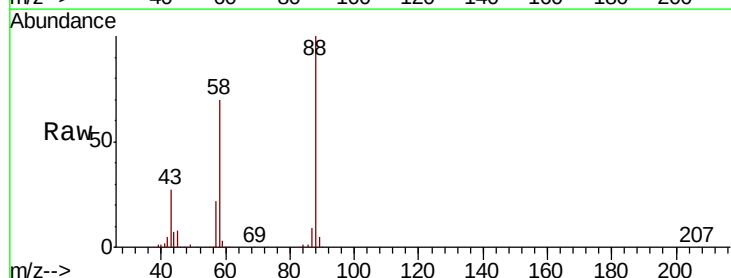
6/26/2019 2:03:19 PM



#2

1,4-Dioxane  
Concen: 35.910 ng  
RT: 2.29 min Scan# 60  
Delta R.T. 0.09 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.6  | 56.1  | 84.1  |
| 43      | 26.4  | 21.3  | 31.9  |

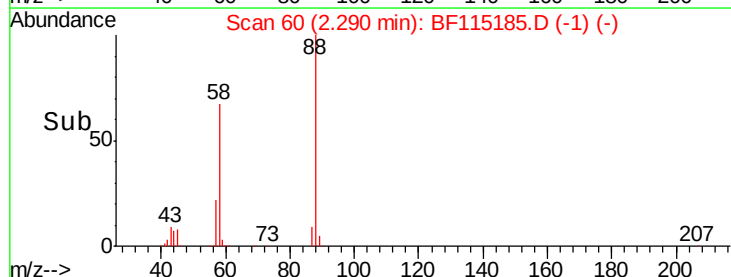
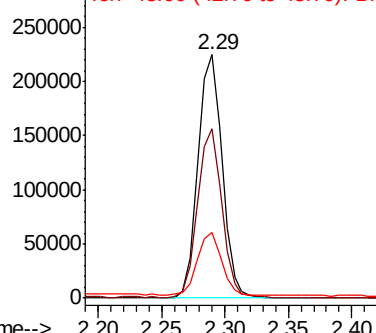


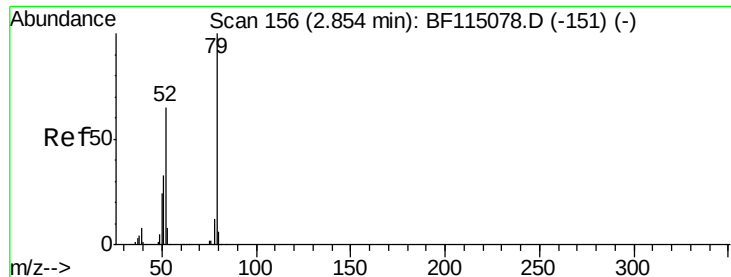
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.614 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

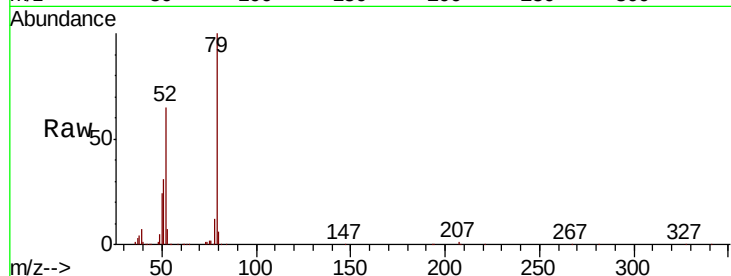
BNA\_F

ClientSampleId :

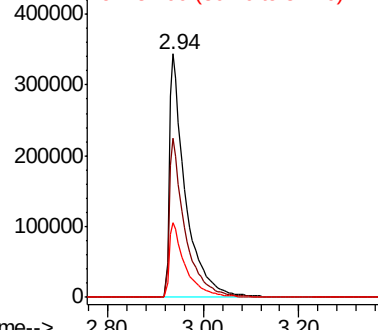
PB120851BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 803278 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 65.4  | 52.3  | 78.5   |
| 51        | 30.8  | 26.1  | 39.1   |

Manual Integrations  
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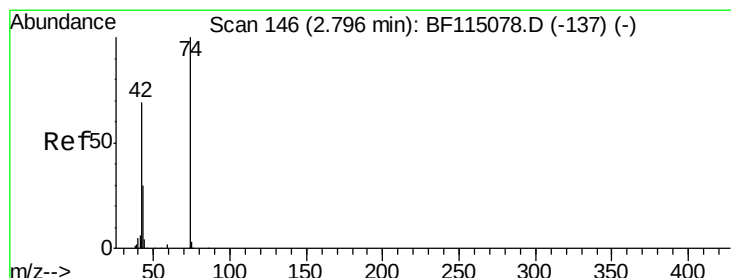
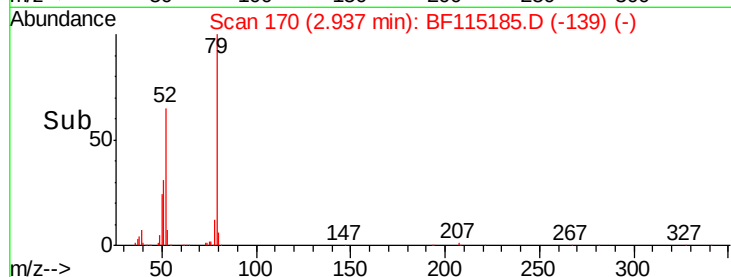


Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



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#4

n-Nitrosodimethylamine

Concen: 36.775 ng

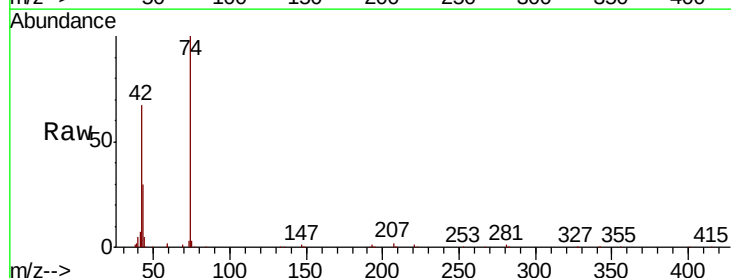
RT: 2.88 min Scan# 161

Delta R.T. 0.09 min

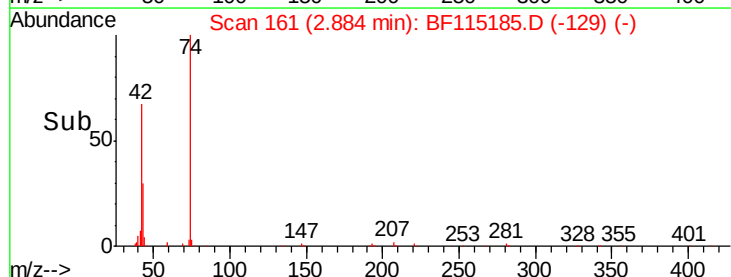
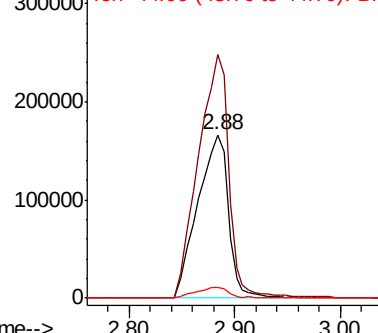
Lab File: BF115185.D

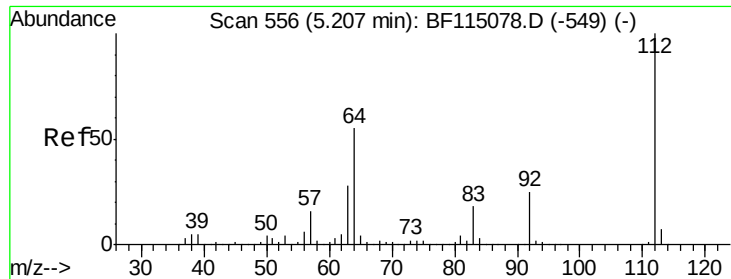
Acq: 25 Jun 2019 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 334563 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 148.8 | 116.6 | 175.0  |
| 44        | 6.8   | 5.3   | 7.9    |



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.875 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tot Ion: 112 Resp: 1899435

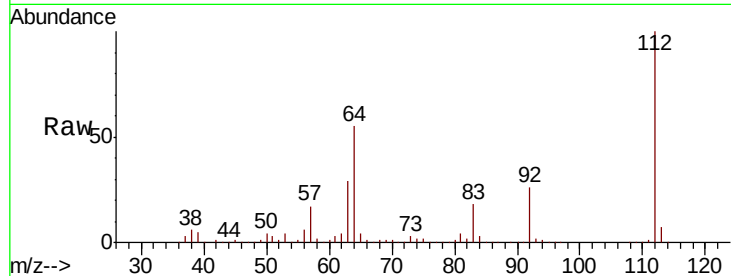
Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.6

63 28.5 22.2 33.4

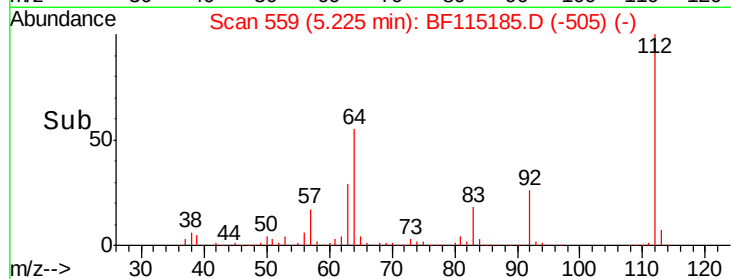
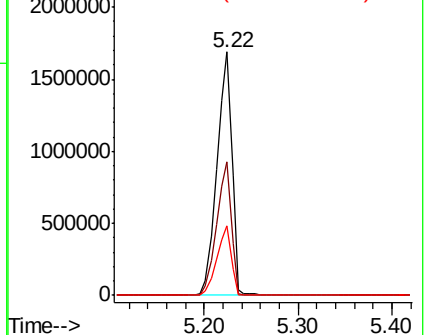
Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BF1

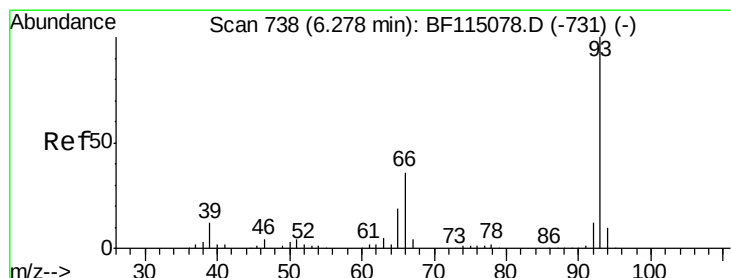
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 24.379 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

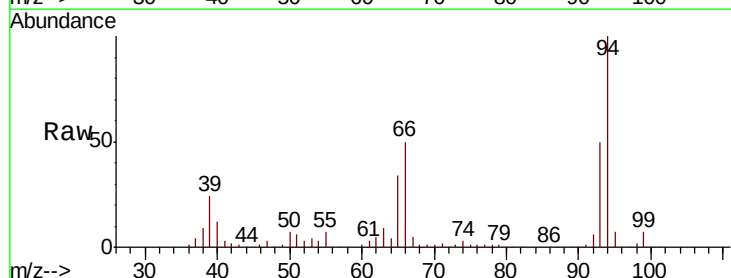
Tgt Ion: 93 Resp: 709488

Ion Ratio Lower Upper

93 100

66 101.2 30.0 45.0#

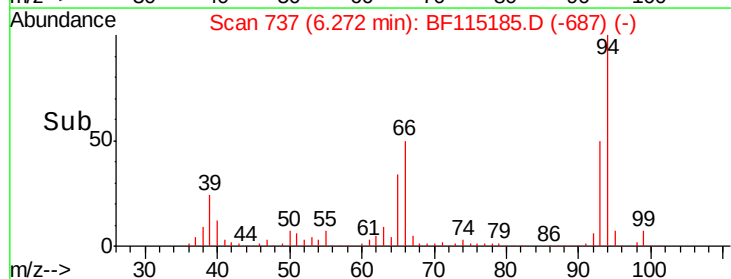
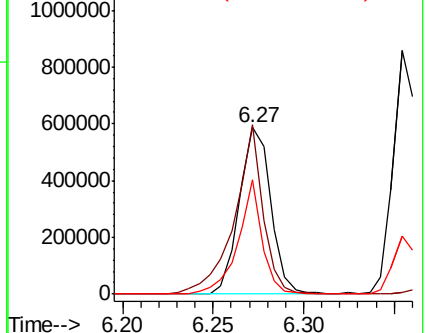
65 68.3 15.6 23.4#

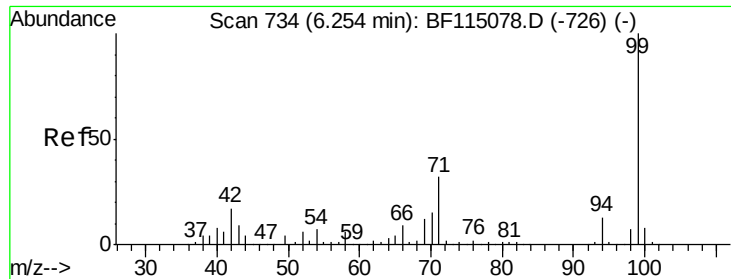


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.800 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tot Ion: 99 Resp: 2346208

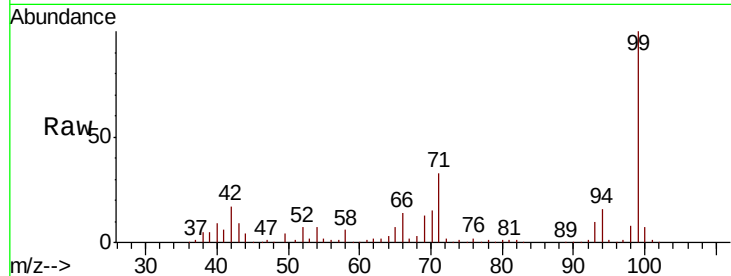
Ion Ratio Lower Upper

99 100

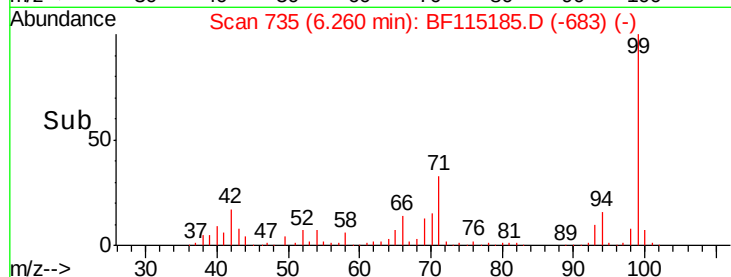
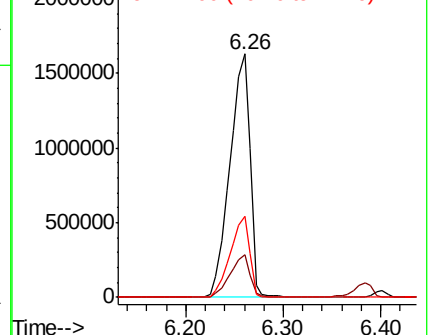
42 17.3 13.6 20.4

71 33.3 25.5 38.3

Manual Integrations  
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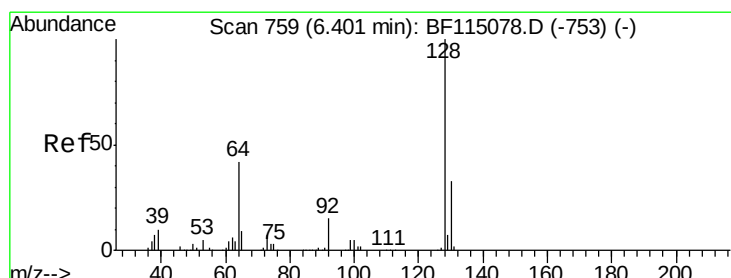


Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 40.940 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

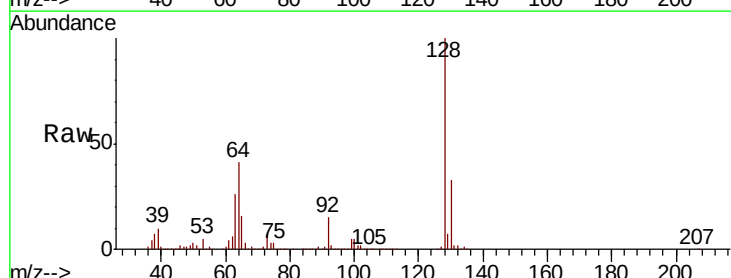
Tgt Ion: 128 Resp: 803126

Ion Ratio Lower Upper

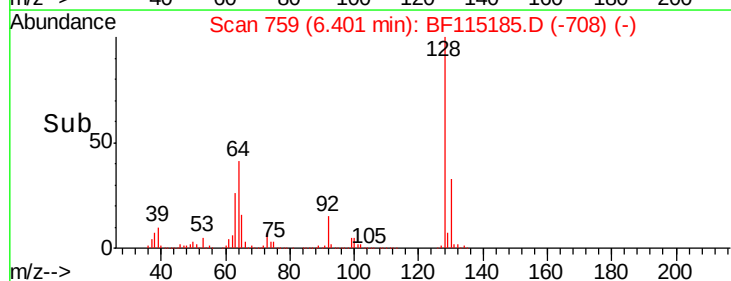
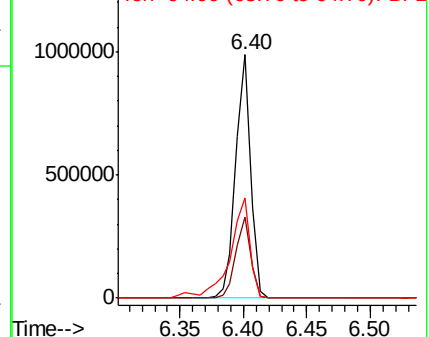
128 100

130 33.4 12.9 52.9

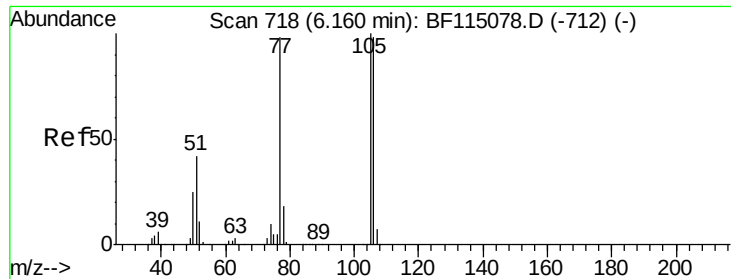
64 41.3 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 8.035 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

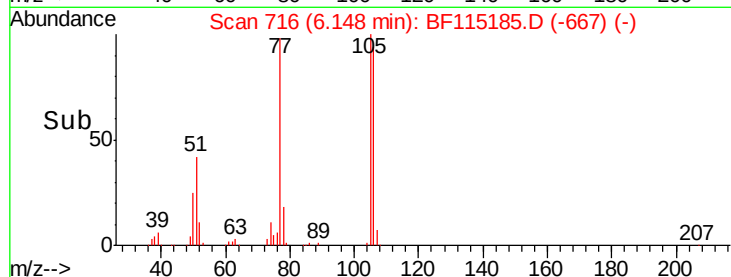
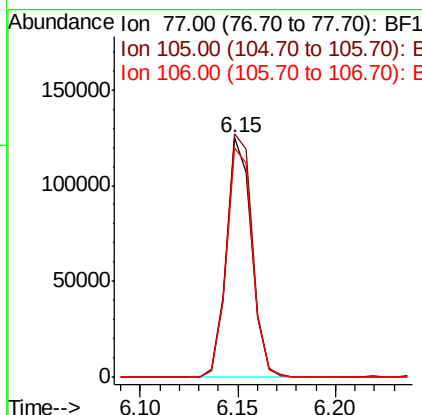
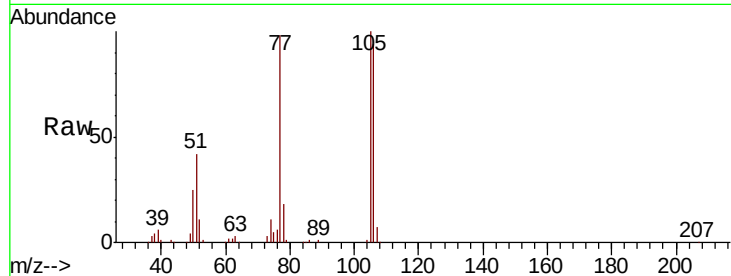
BNA\_F

ClientSampled :

PB120851BS

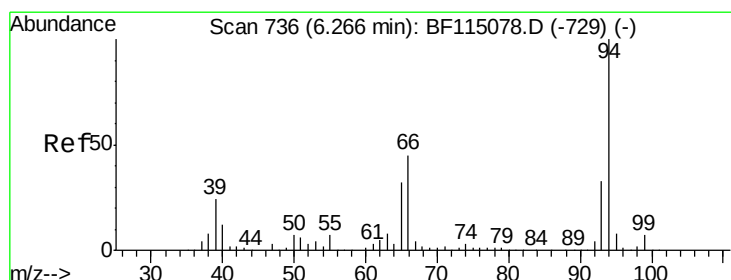
| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |       |
| 105     | 101.8 | 81.5  | 121.5 |       |       |
| 106     | 95.9  | 79.7  | 119.7 |       |       |

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#10

Phenol

Concen: 37.280 ng

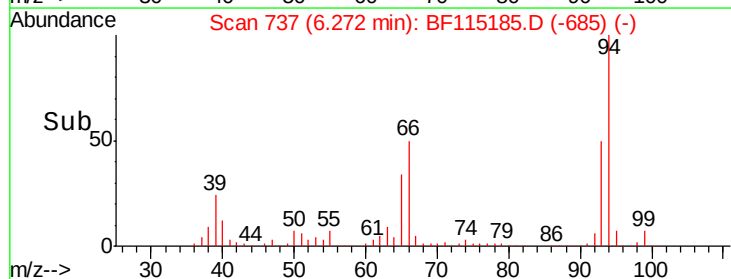
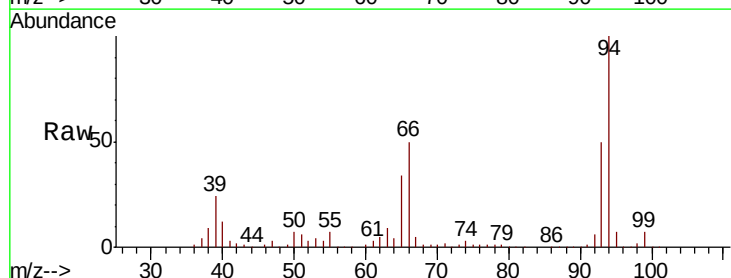
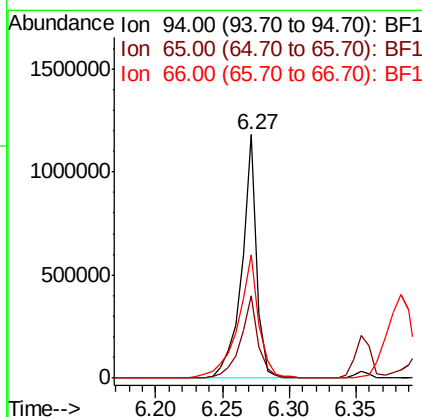
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

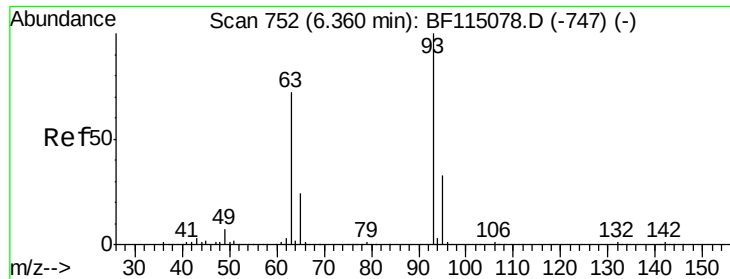
Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 94      | 100  |       |      |       |       |
| 65      | 34.0 | 11.9  | 51.9 |       |       |
| 66      | 50.4 | 25.2  | 65.2 |       |       |





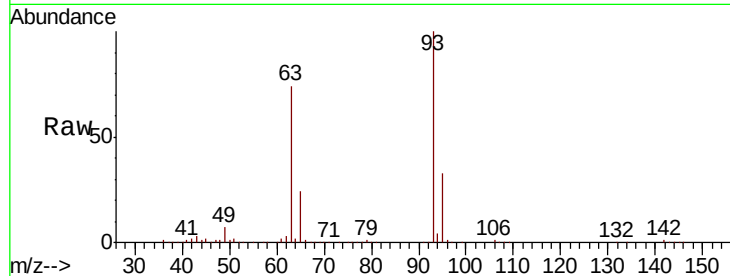


#11  
bis(2-Chloroethyl)ether  
Concen: 39.743 ng  
RT: 6.35 min Scan# 751  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

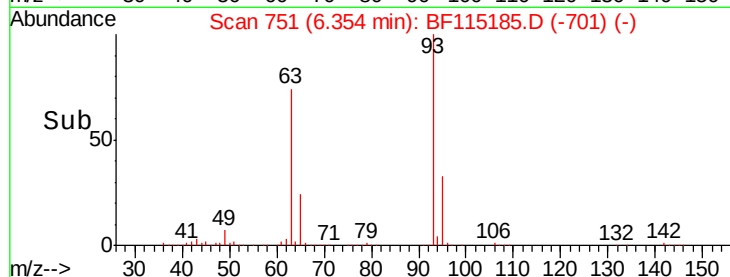
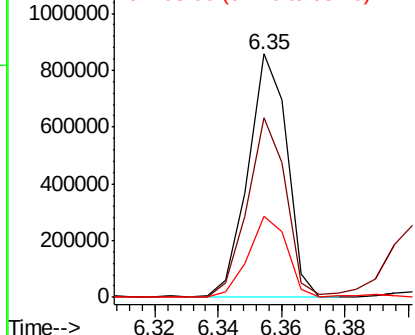
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 726660 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 74.0  | 51.5  | 91.5   |
| 95       | 33.1  | 13.4  | 53.4   |

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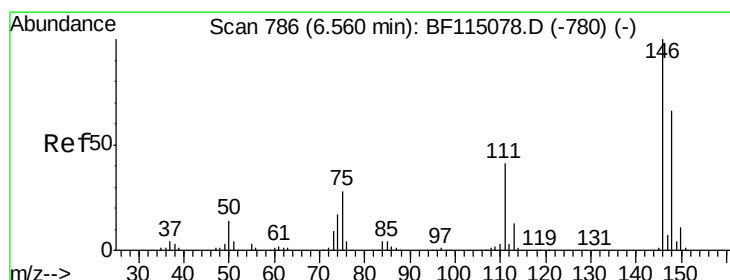


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



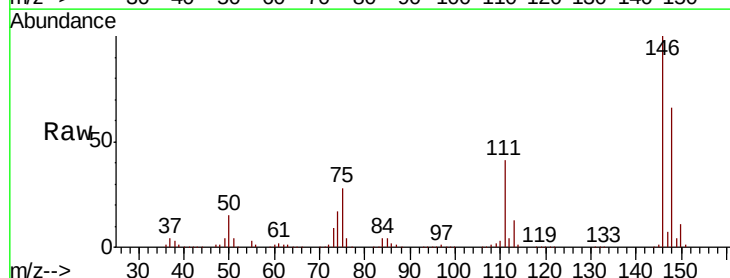
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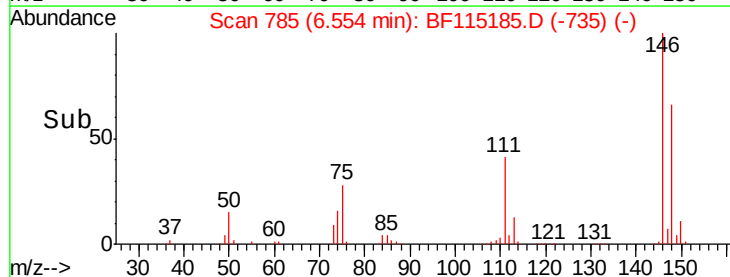
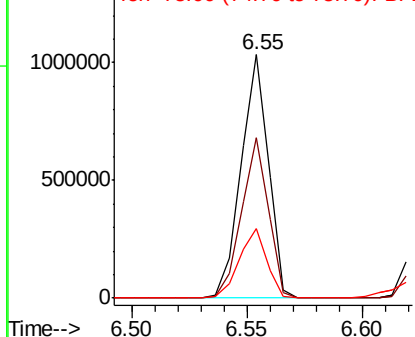


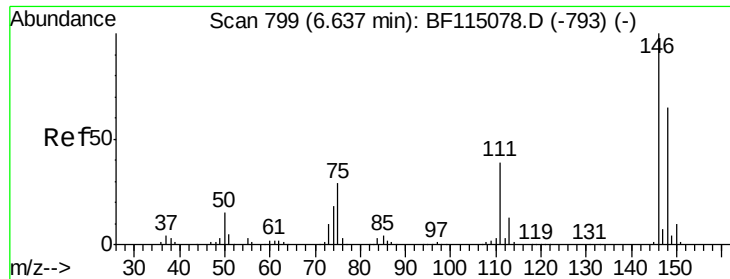
#12  
1,3-Dichlorobenzene  
Concen: 39.074 ng  
RT: 6.55 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 850700 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 65.7  | 52.6  | 78.8   |
| 75       | 28.4  | 22.6  | 34.0   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1



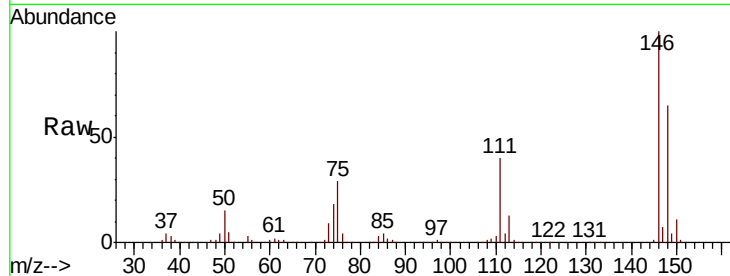


#13  
1,4-Dichlorobenzene  
Concen: 39.332 ng  
RT: 6.63 min Scan# 798  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 51.9  | 77.9  |
| 111     | 39.7  | 31.4  | 47.0  |

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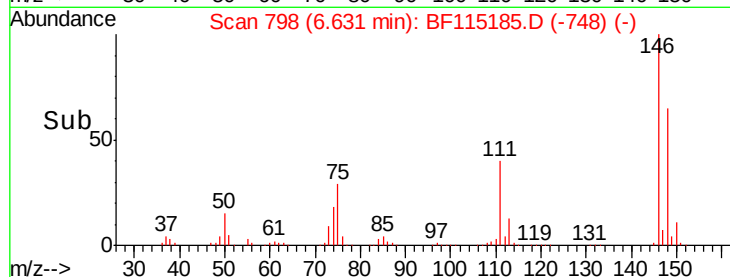
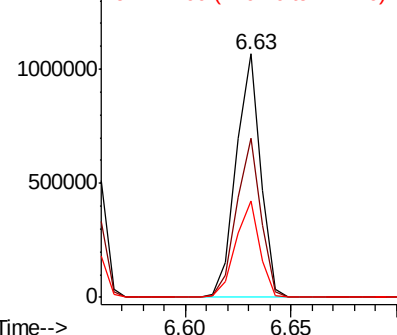


Abundance

Ion 146.00 (145.70 to 146.70): E

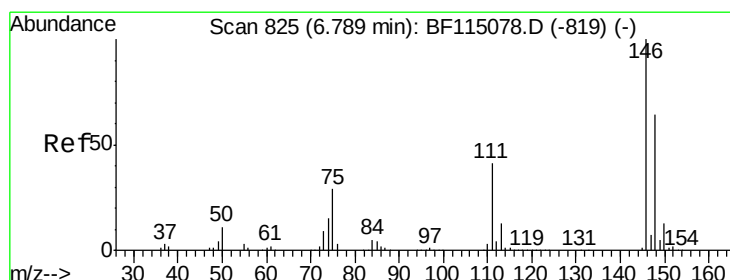
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



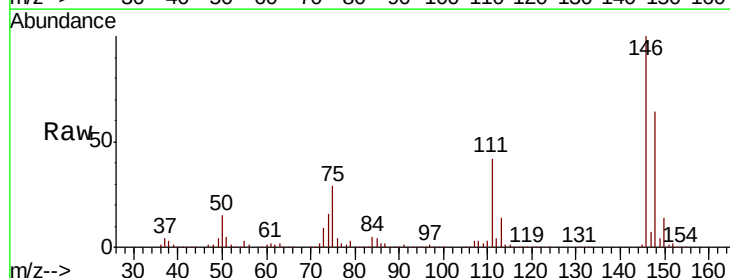
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#14  
1,2-Dichlorobenzene  
Concen: 39.710 ng  
RT: 6.78 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 51.1  | 76.7  |
| 111     | 42.5  | 33.2  | 49.8  |

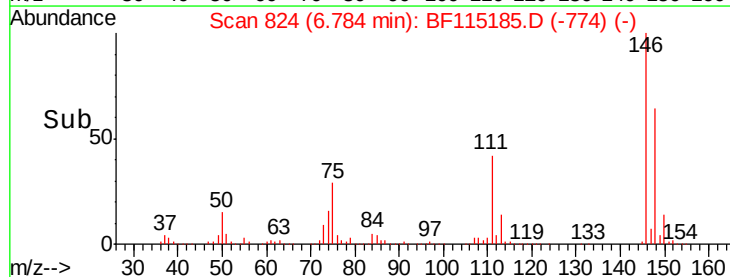
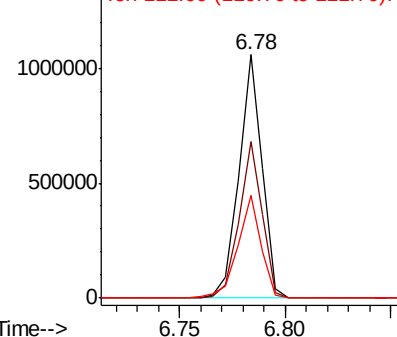


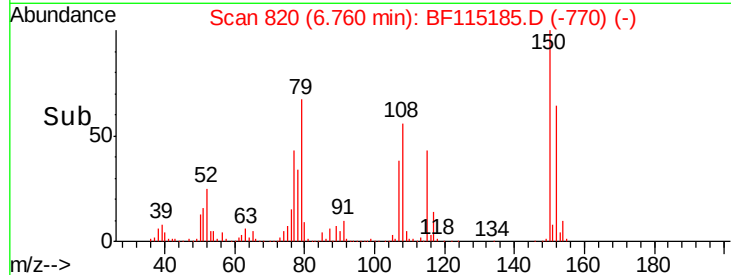
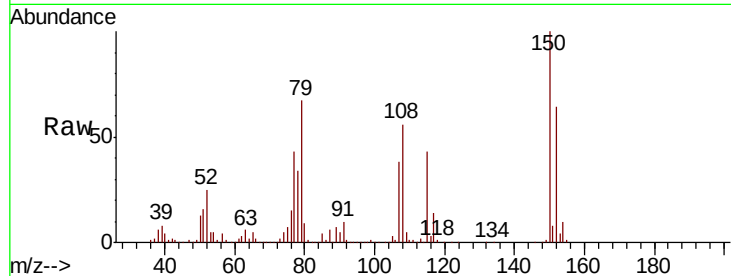
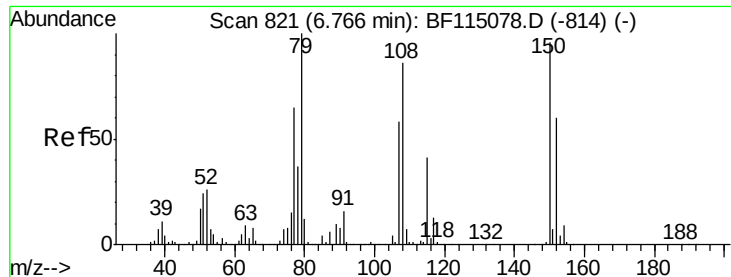
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



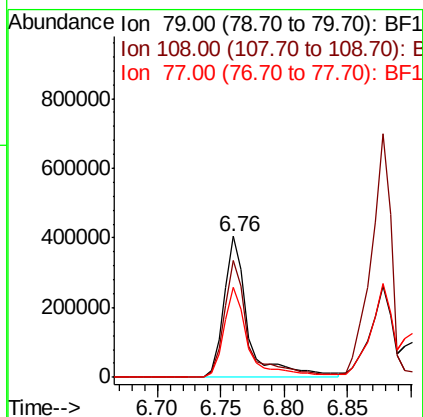


#15  
Benzyl Alcohol  
Concen: 34.776 ng  
RT: 6.76 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tot Ion: 79 Resp: 536214  
Ion Ratio Lower Upper  
79 100  
108 82.8 68.7 103.1  
77 63.5 51.7 77.5

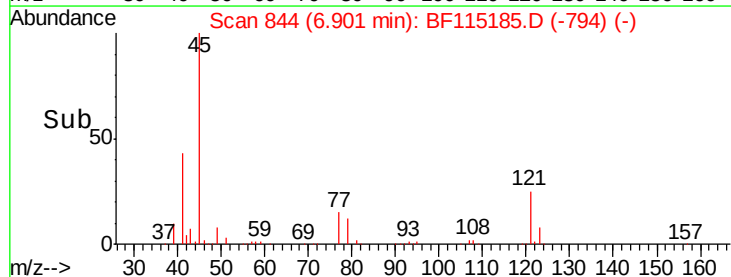
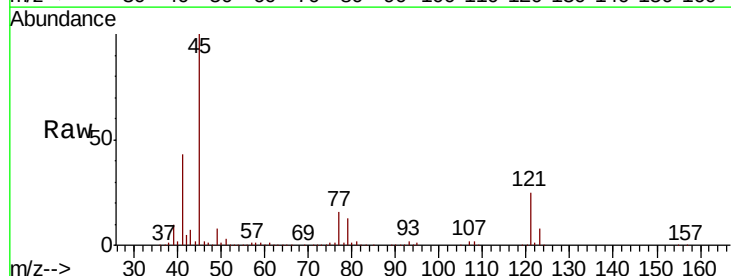
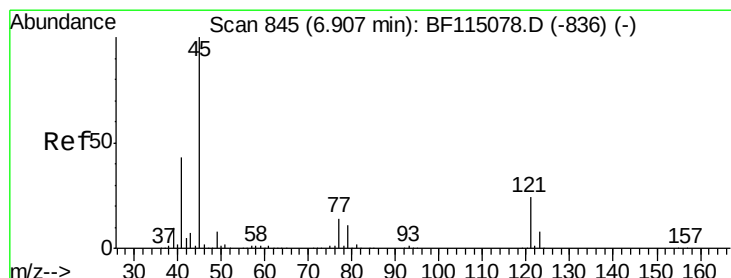
Instrument :  
BNA\_F  
ClientSampled :  
PB120851BS

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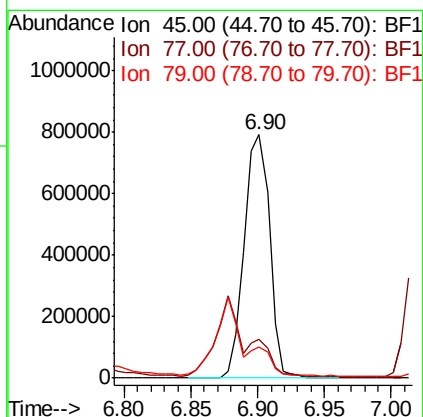
mohammad

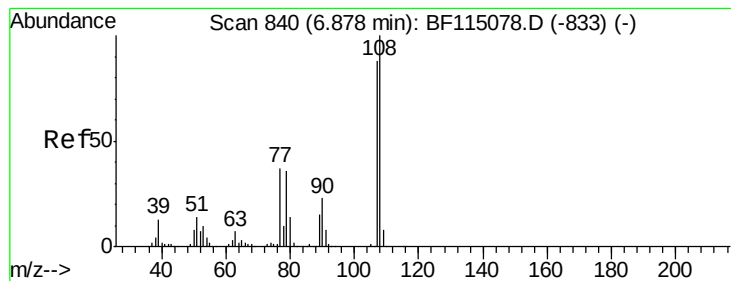
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.119 ng  
RT: 6.90 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Tgt Ion: 45 Resp: 1037384  
Ion Ratio Lower Upper  
45 100  
77 16.0 0.0 34.6  
79 12.7 0.0 31.2



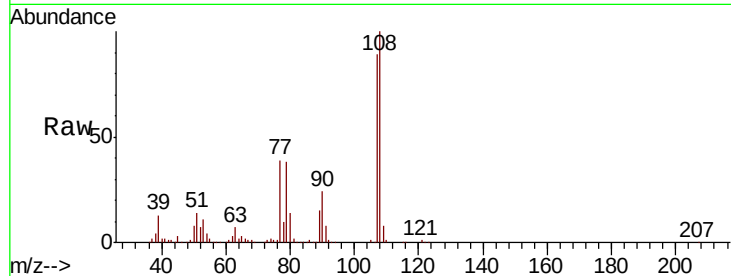


#17  
2-Methylphenol  
Concen: 43.369 ng  
RT: 6.88 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.1 | 90.9 | 136.3 |       |
| 77      | 43.3  | 33.4 | 50.2  |       |
| 79      | 42.3  | 32.3 | 48.5  |       |

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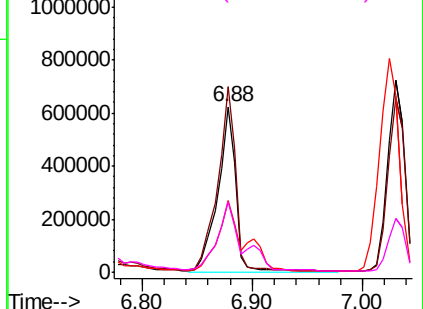
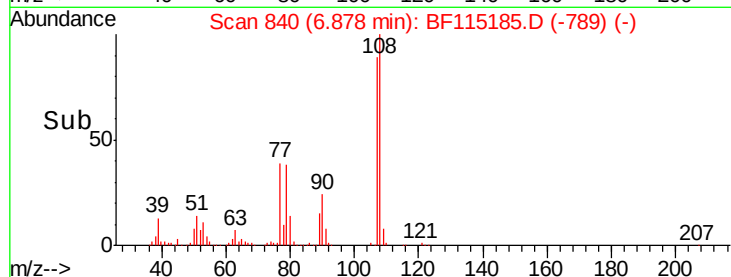
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

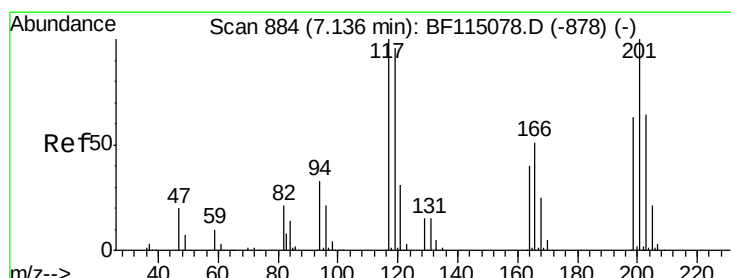
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



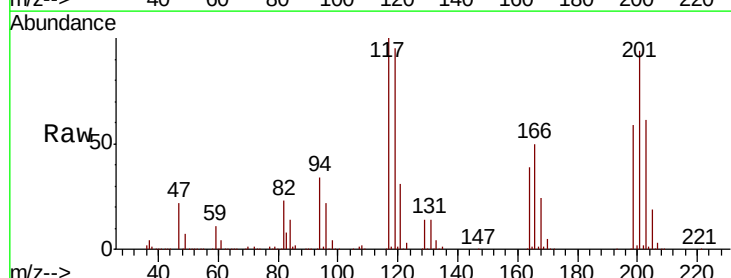
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#18  
Hexachloroethane  
Concen: 38.910 ng  
RT: 7.12 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.6  | 76.6 | 114.8 |       |
| 201     | 93.8  | 80.2 | 120.2 |       |

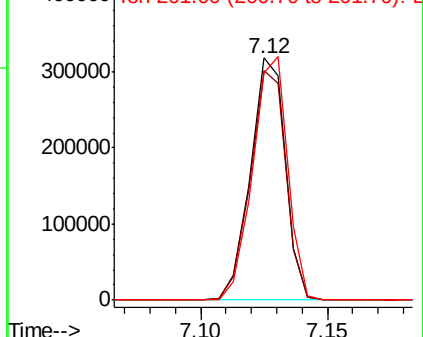
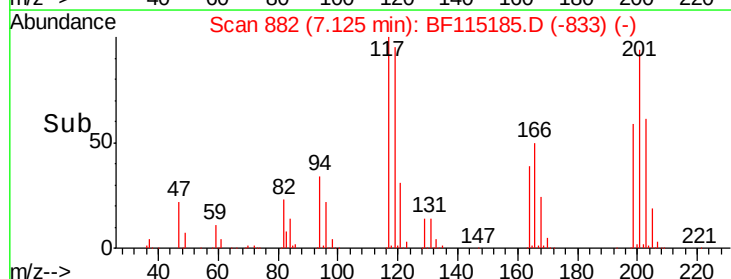


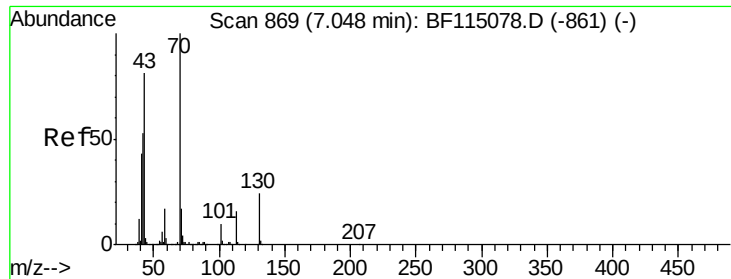
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



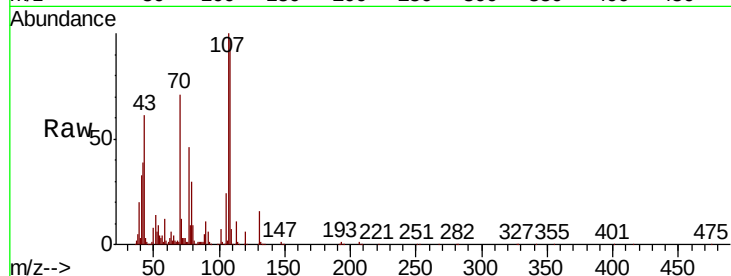


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.298 ng  
RT: 7.04 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 55.1 | 42.6  | 63.8 |       |       |
| 101     | 9.9  | 8.0   | 12.0 |       |       |
| 130     | 23.0 | 19.4  | 29.0 |       |       |

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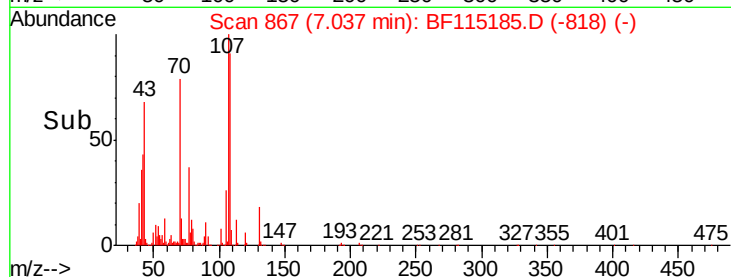
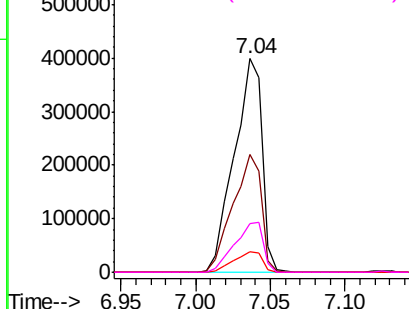
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

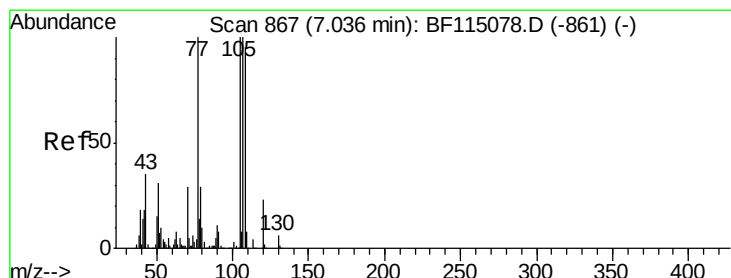
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



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#20  
3+4-Methylphenols  
Concen: 42.020 ng  
RT: 7.03 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 90.4 | 75.5  | 115.5 |       |       |
| 77      | 92.0 | 80.2  | 120.2 |       |       |
| 79      | 28.1 | 9.5   | 49.5  |       |       |

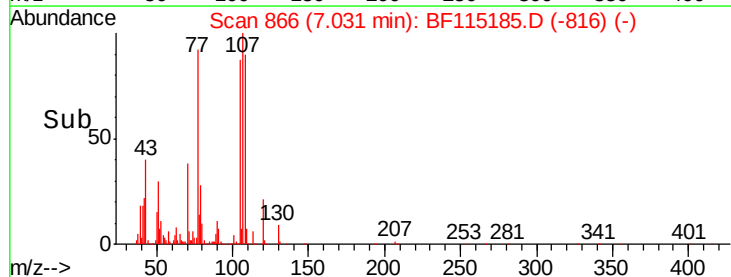
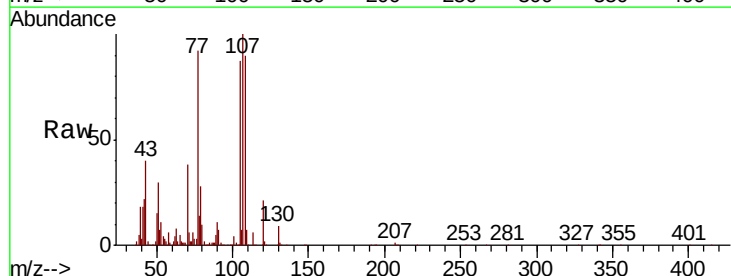
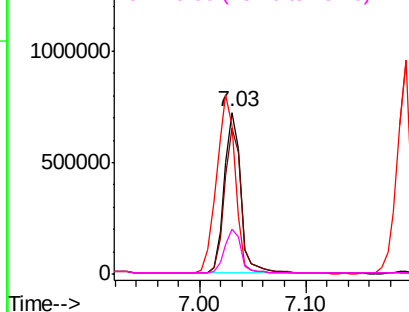
Abundance

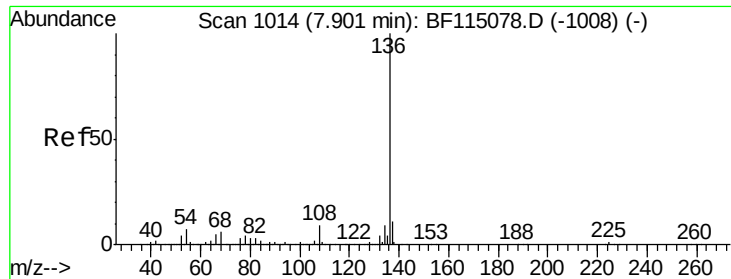
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



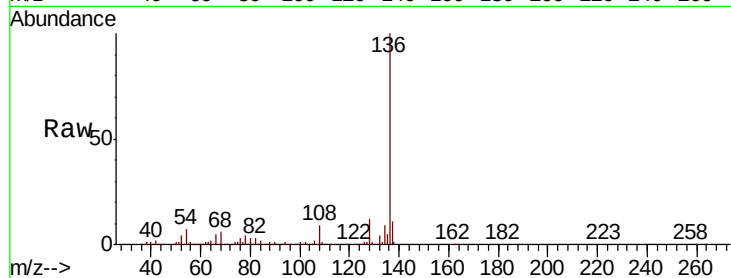


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.90 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

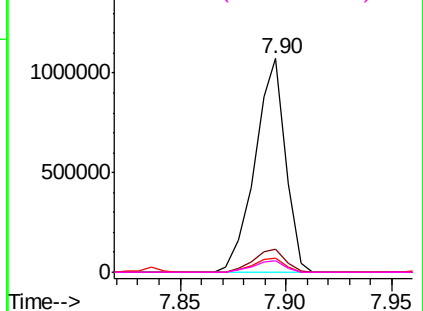
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.9  | 8.9   | 13.3  |
| 54      | 6.8   | 5.6   | 8.4   |
| 68      | 5.7   | 4.8   | 7.2   |

Manual Integrations  
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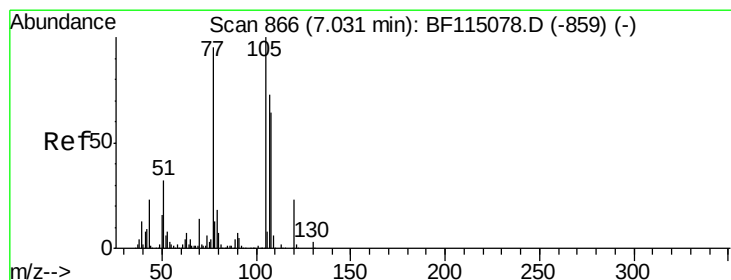
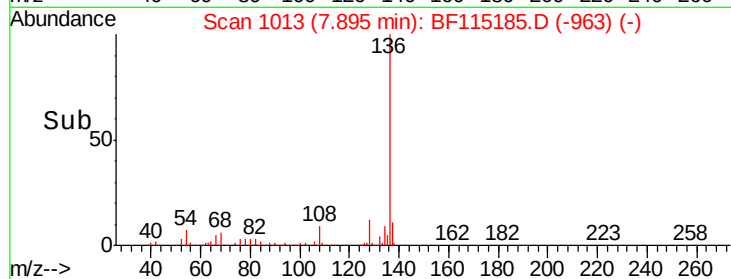


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1



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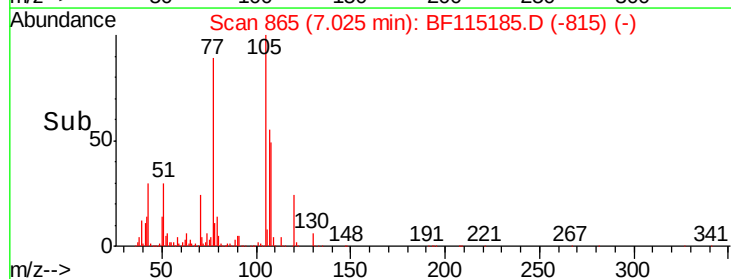
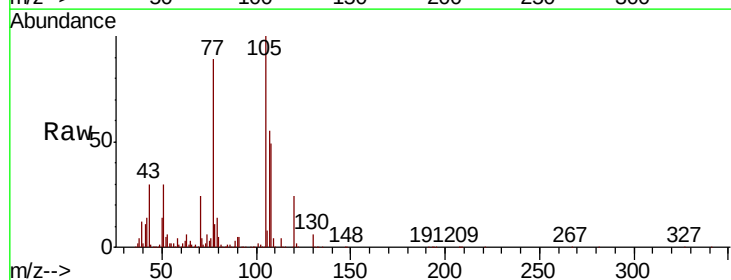
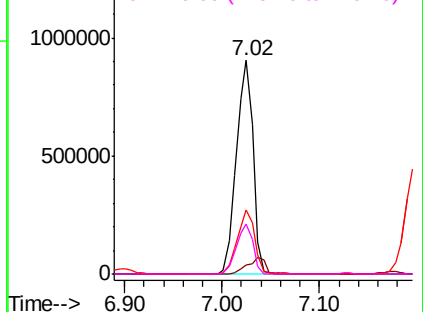
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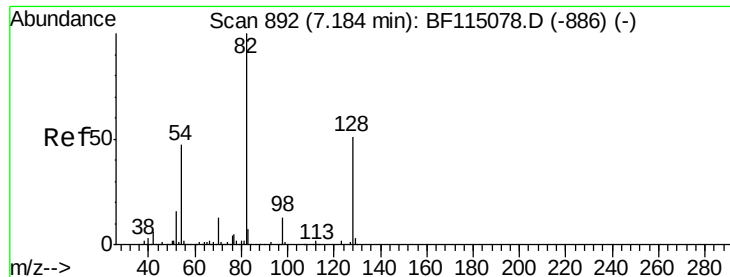


#22  
Acetophenone  
Concen: 43.144 ng  
RT: 7.02 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 3.9   | 1.9   | 2.9#  |
| 51      | 29.7  | 25.8  | 38.8  |
| 120     | 23.6  | 18.5  | 27.7  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.939 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tot Ion: 82 Resp: 1454721

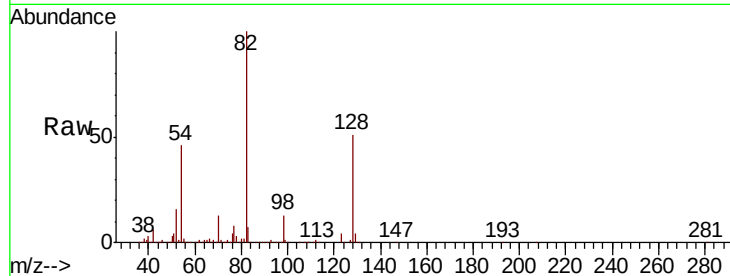
Ion Ratio Lower Upper

82 100

128 51.3 40.4 60.6

54 46.4 37.5 56.3

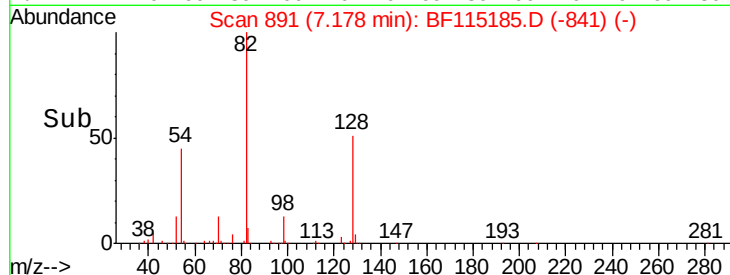
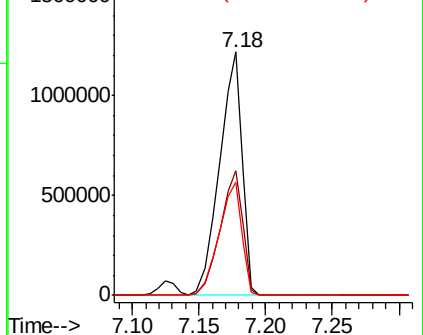
Manual Integrations  
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Abundance Ion 82.00 (81.70 to 82.70): BF1

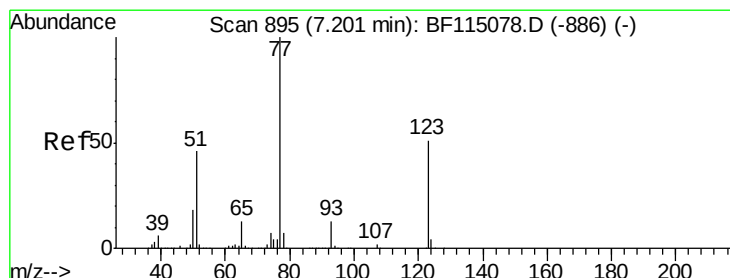
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



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#24

Nitrobenzene

Concen: 42.375 ng

RT: 7.20 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

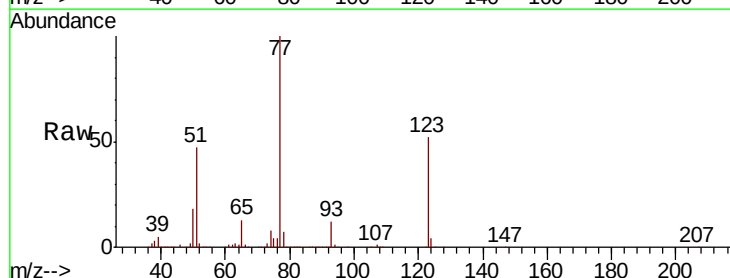
Tgt Ion: 77 Resp: 818812

Ion Ratio Lower Upper

77 100

123 52.4 41.0 61.6

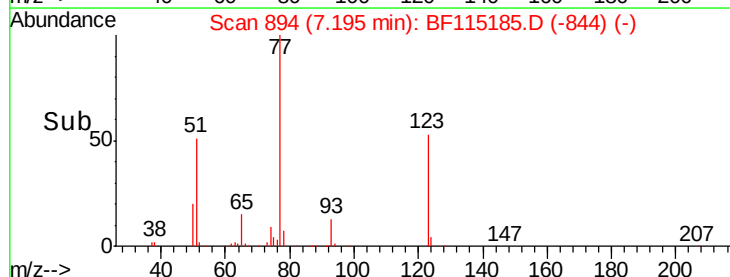
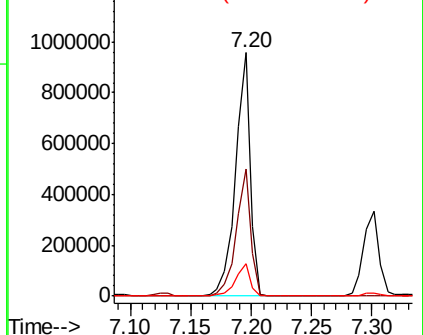
65 13.2 10.5 15.7



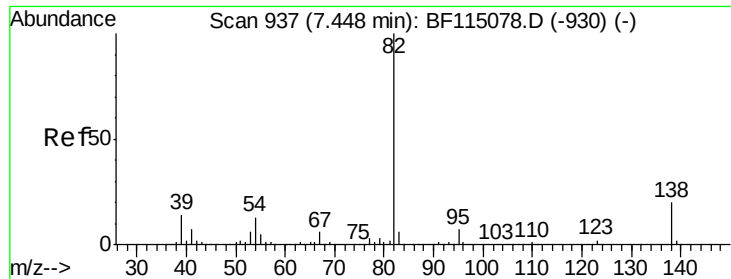
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 41.442 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Tot Ion: 82 Resp: 1489038

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.3 15.9 23.9

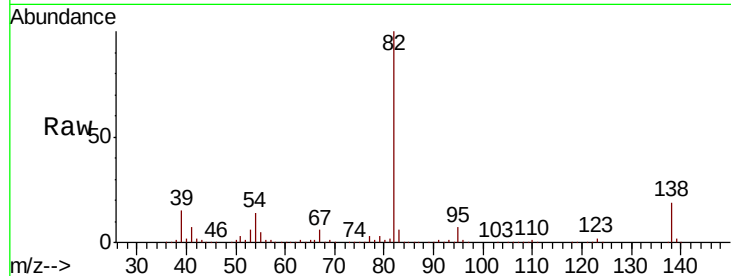
Instrument :

BNA\_F

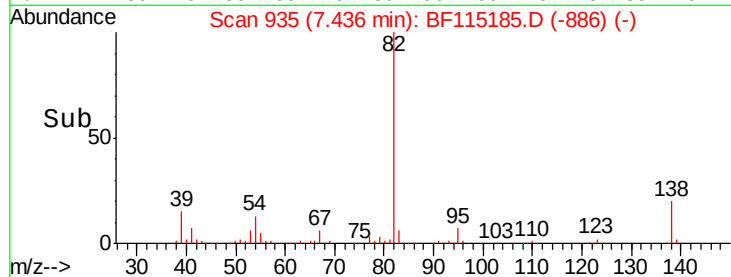
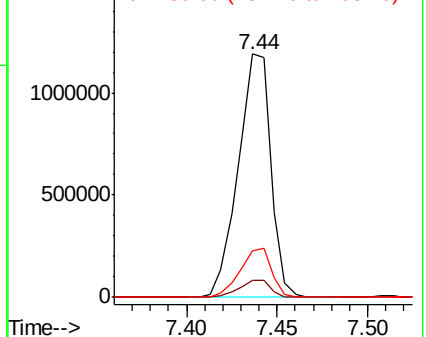
ClientSampled :

PB120851BS

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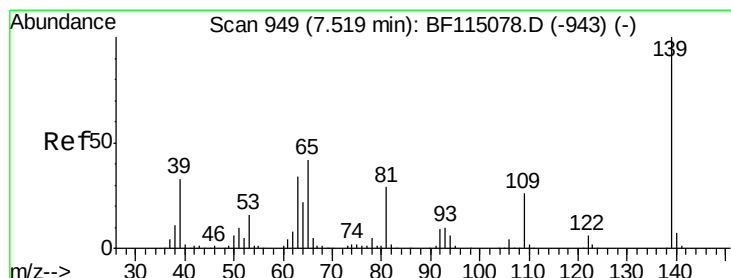


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



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#26

2-Nitrophenol

Concen: 48.923 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

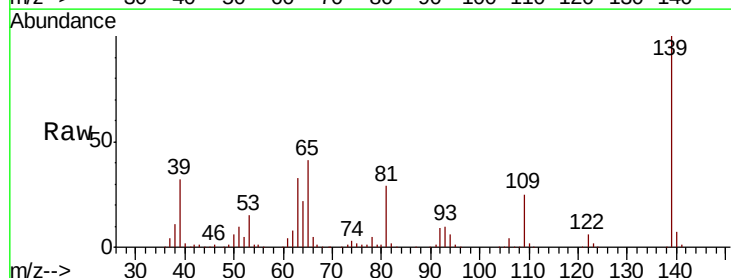
Tgt Ion: 139 Resp: 466847

Ion Ratio Lower Upper

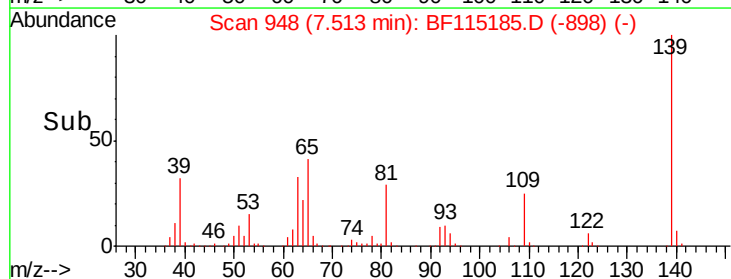
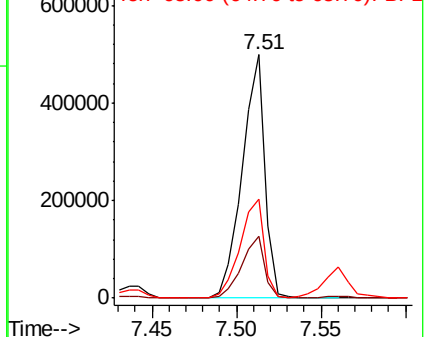
139 100

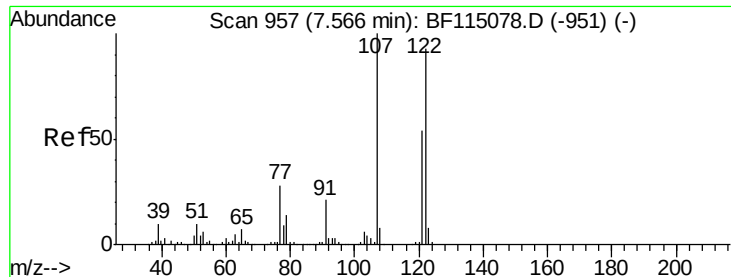
109 25.2 20.4 30.6

65 40.7 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 49.256 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

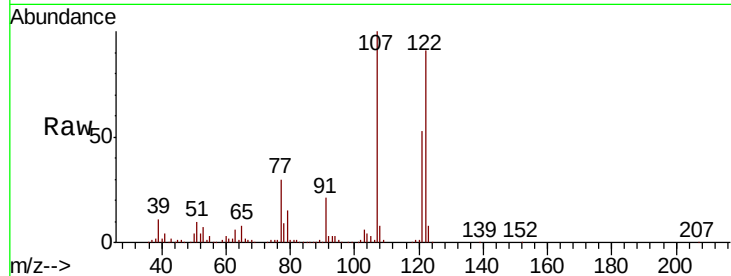
BNA\_F

ClientSampleId :

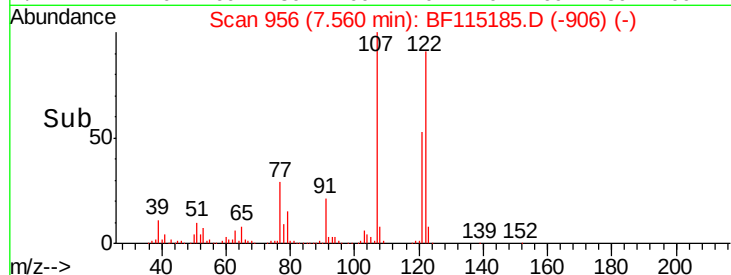
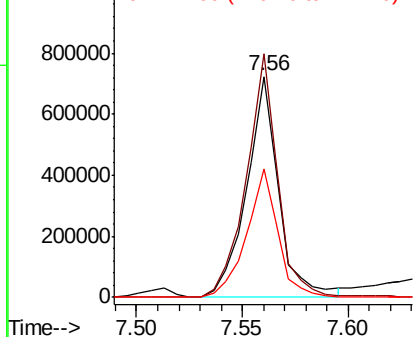
PB120851BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 769571 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.3 | 85.8  | 128.6  |
| 121       | 58.5  | 46.3  | 69.5   |

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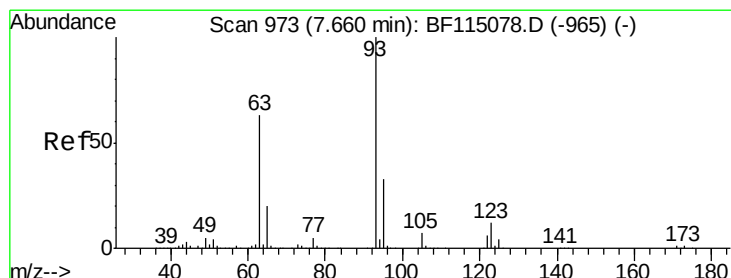


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 41.005 ng

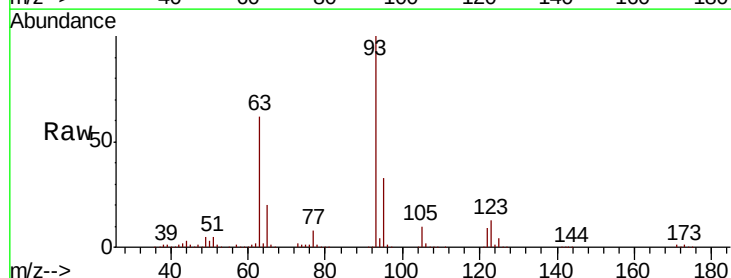
RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

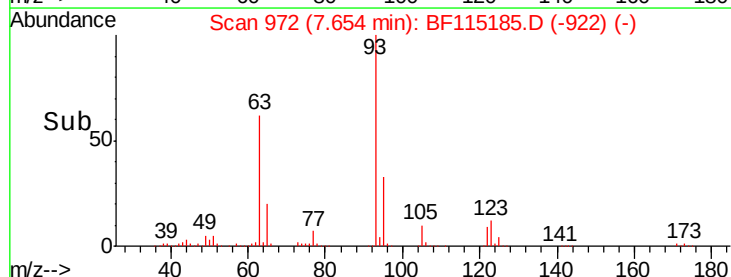
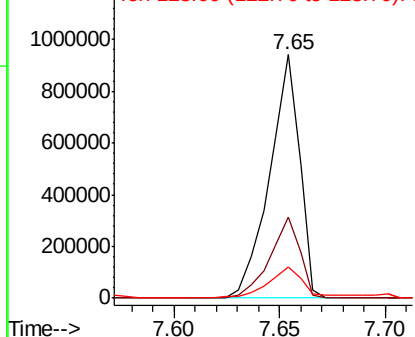
Lab File: BF115185.D

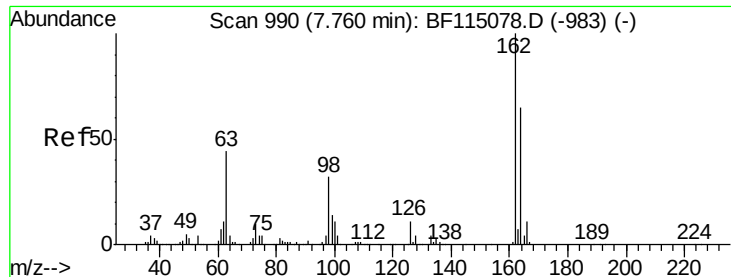
Acq: 25 Jun 2019 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 931214 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.3  | 26.2  | 39.4   |
| 123       | 12.5  | 9.7   | 14.5   |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E



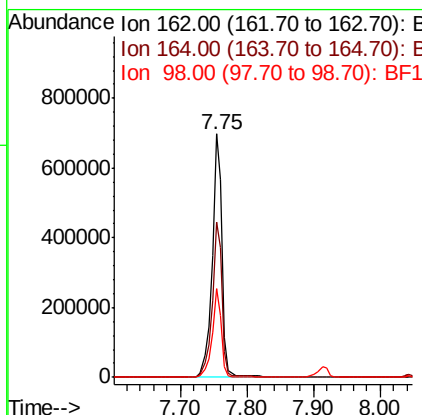
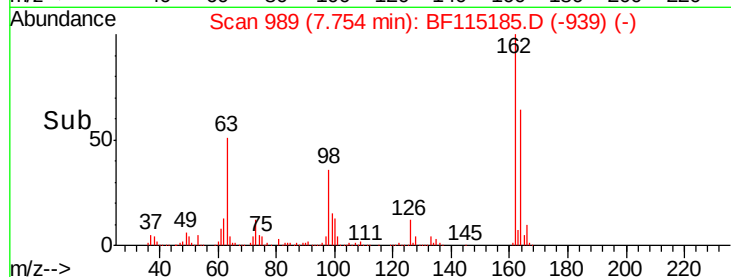
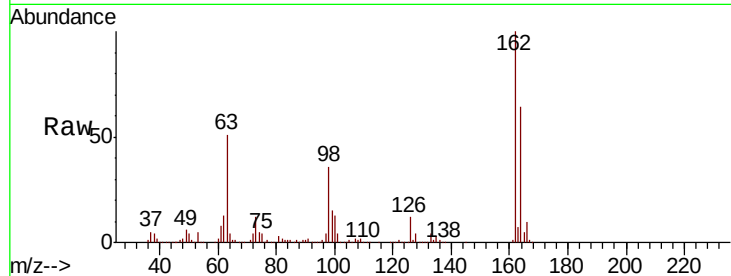


#29  
2,4-Dichlorophenol  
Concen: 44.524 ng  
RT: 7.75 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampled :  
PB120851BS

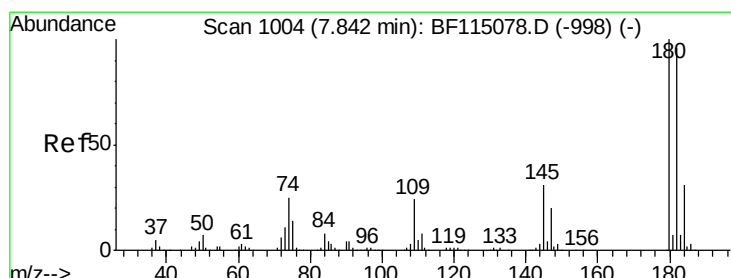
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 717895 |       |       |
| 164     | 63.7 | 45.3  | 85.3   |       |       |
| 98      | 36.2 | 12.5  | 52.5   |       |       |

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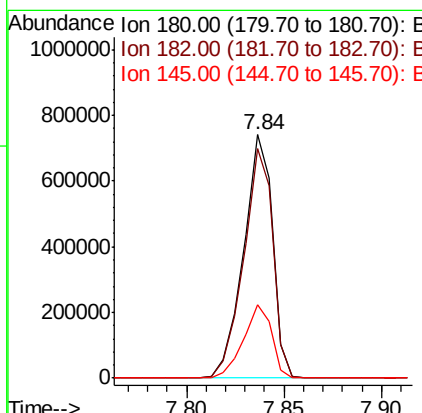
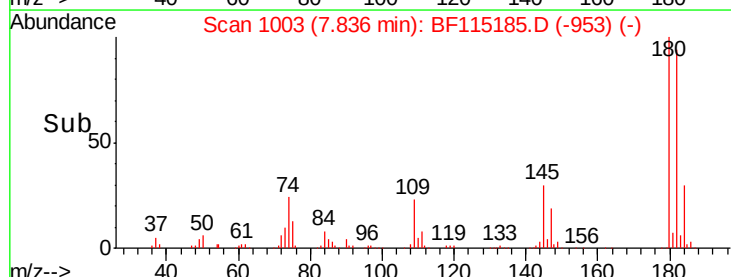
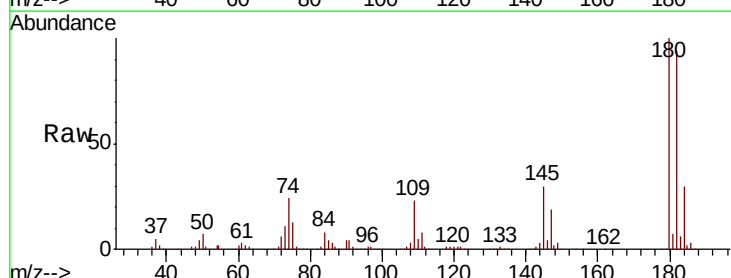
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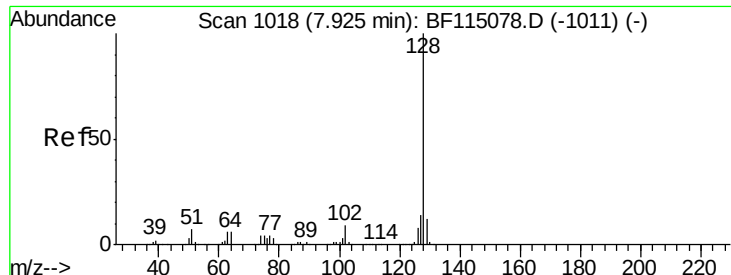
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#30  
1,2,4-Trichlorobenzene  
Concen: 42.619 ng  
RT: 7.84 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 759049 |       |       |
| 182     | 94.1 | 76.4  | 114.6  |       |       |
| 145     | 30.2 | 24.8  | 37.2   |       |       |



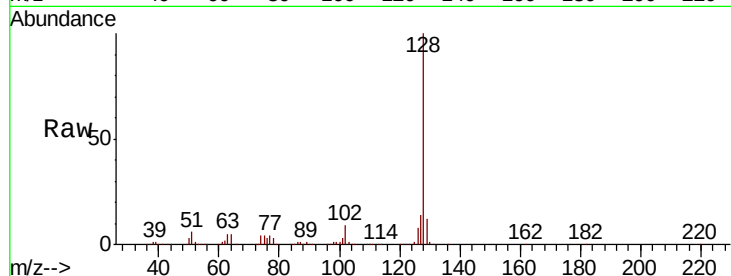


#31  
Naphthalene  
Concen: 42.553 ng  
RT: 7.92 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 9.6   | 14.4  |
| 127     | 14.4  | 11.4  | 17.0  |

Manual Integrations  
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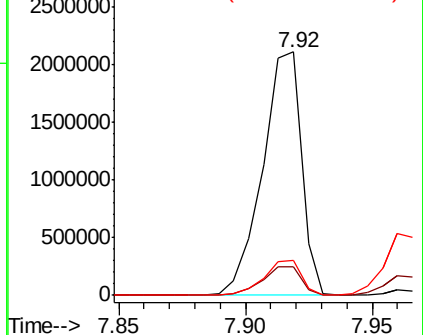


Abundance

Ion 128.00 (127.70 to 128.70): E

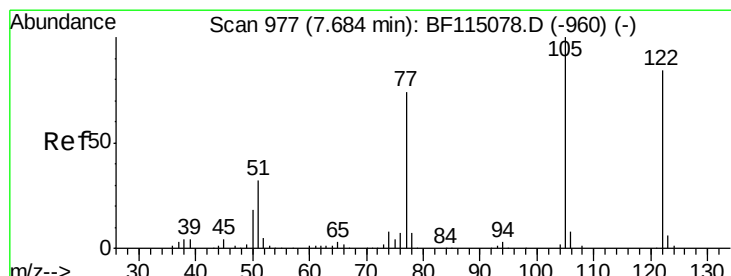
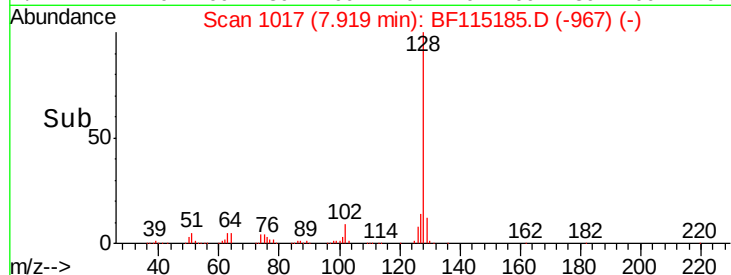
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



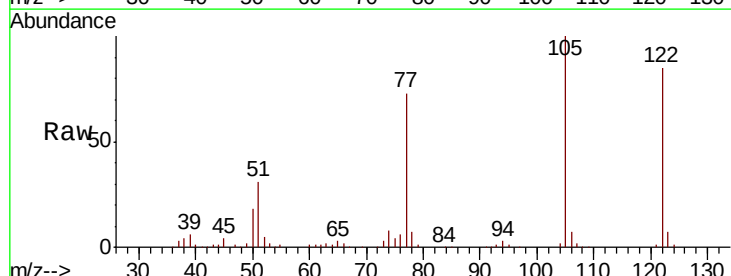
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#32  
Benzoic acid  
Concen: 53.777 ng  
RT: 7.70 min Scan# 980  
Delta R.T. 0.02 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 117.3 | 98.2  | 138.2 |
| 77      | 85.4  | 67.0  | 107.0 |

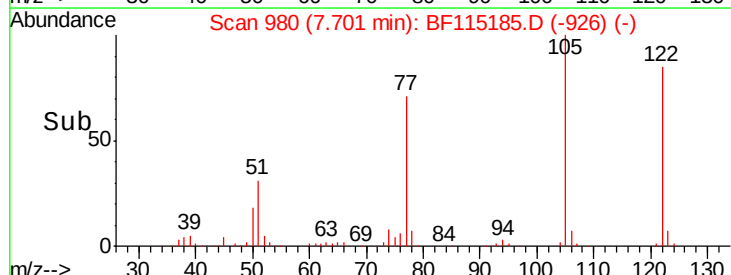
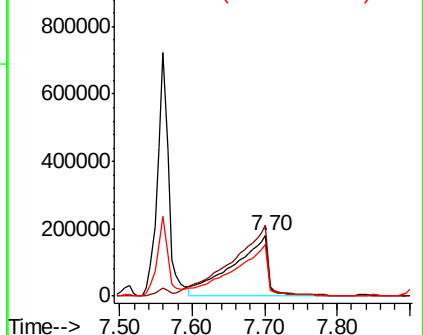


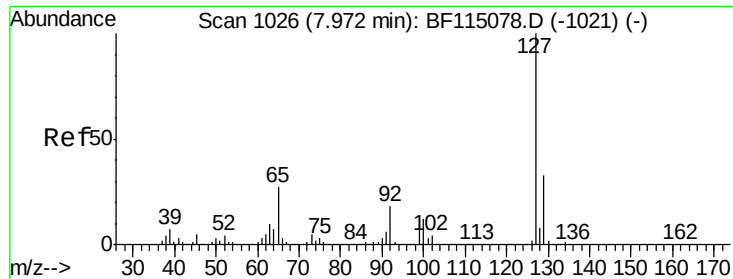
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



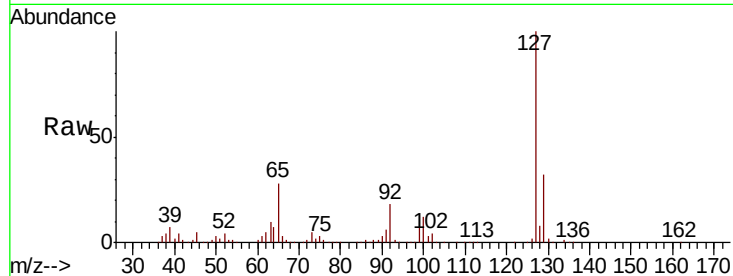


#33  
4-Chloroaniline  
Concen: 23.147 ng  
RT: 7.96 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampled :  
PB120851BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.3 |       | 26.1 | 39.1  |       |
| 65      | 28.2 |       | 21.4 | 32.2  |       |
| 92      | 18.5 |       | 14.1 | 21.1  |       |

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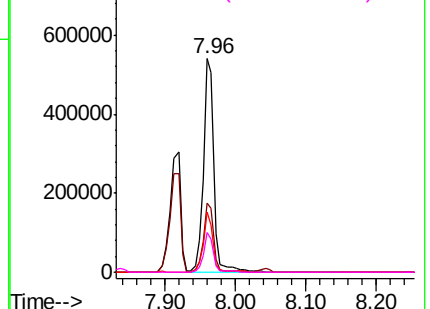
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

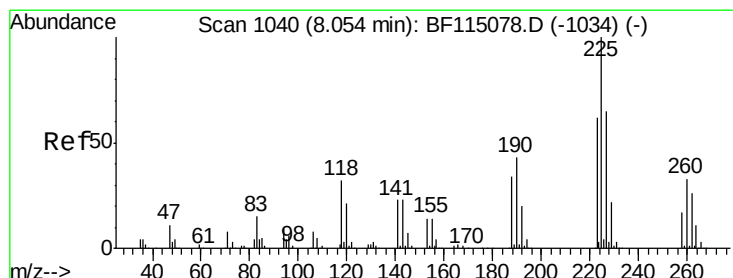
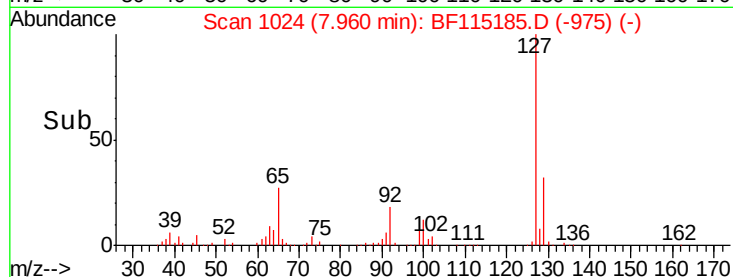
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



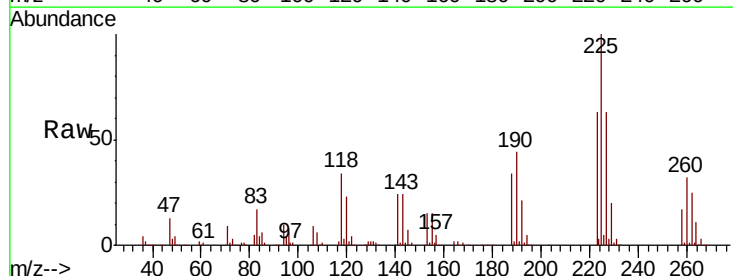
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#34  
Hexachlorobutadiene  
Concen: 41.829 ng  
RT: 8.04 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.3 |       | 49.4 | 74.2  |       |
| 227     | 63.3 |       | 51.8 | 77.8  |       |

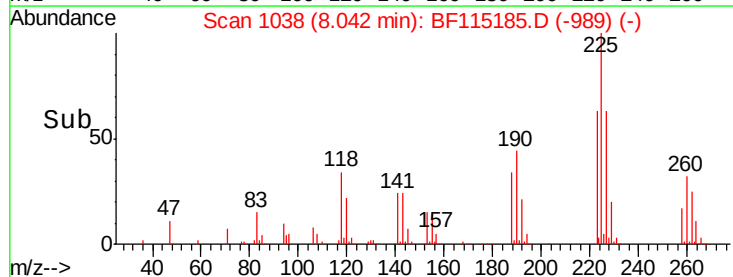
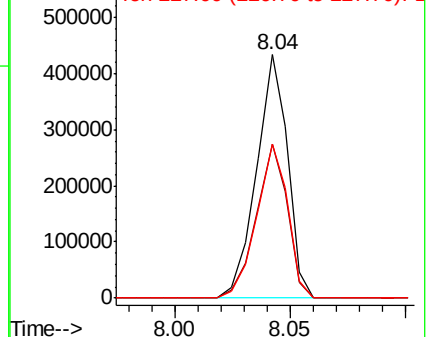


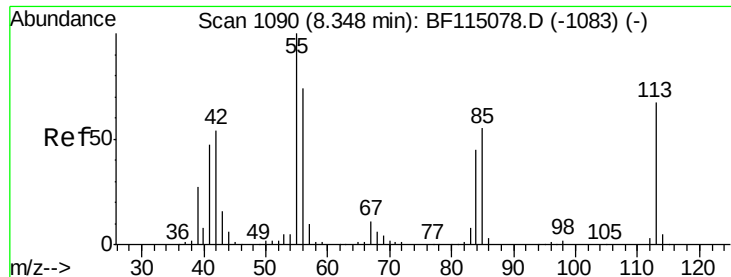
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



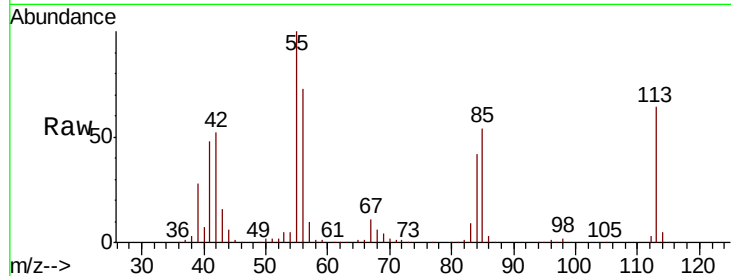


#35  
Caprolactam  
Concen: 44.208 ng/ml  
RT: 8.34 min Scan# 1088  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 156.5 | 130.2 | 170.2 |
| 56      | 114.4 | 91.6  | 131.6 |

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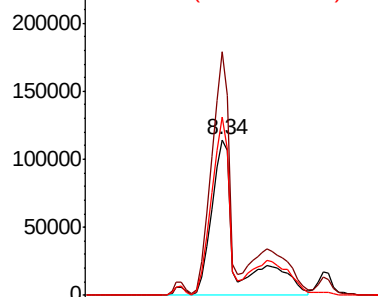


Abundance

Ion 113.00 (112.70 to 113.70): E

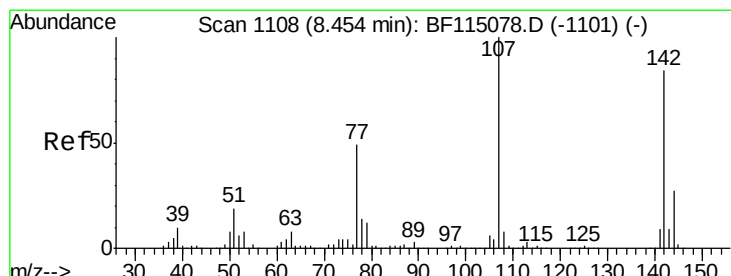
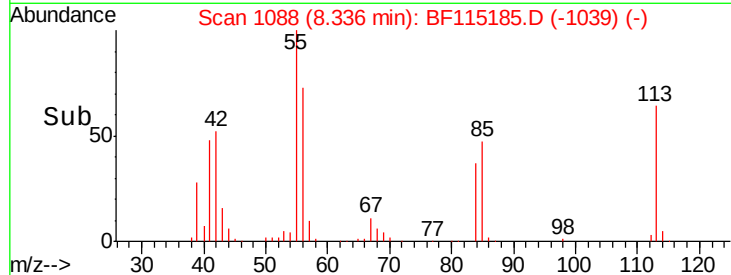
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



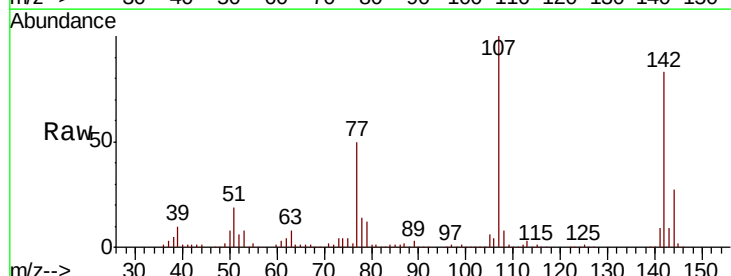
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#36  
4-Chloro-3-methylphenol  
Concen: 45.240 ng/ml  
RT: 8.45 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.3  | 21.7  | 32.5  |
| 142     | 83.4  | 67.0  | 100.4 |

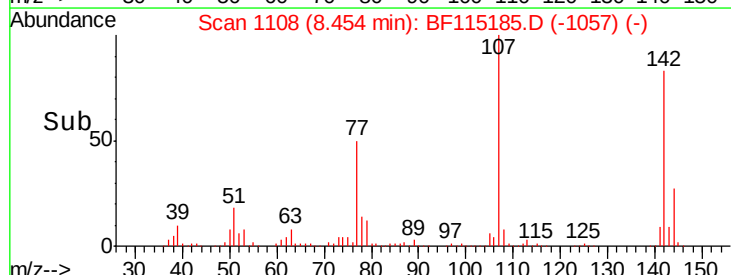
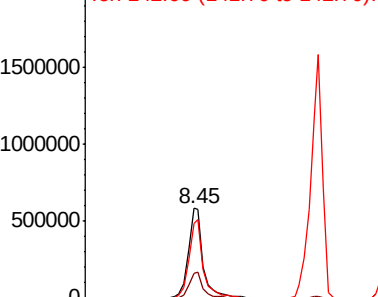


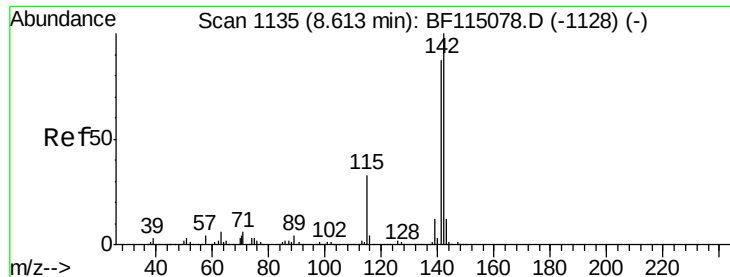
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



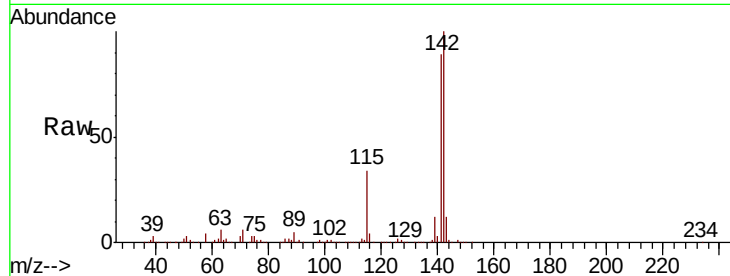


#37  
2-Methylnaphthalene  
Concen: 43.955 ng  
RT: 8.61 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 69.8  | 104.6 |
| 115     | 33.9  | 26.7  | 40.1  |

Manual Integrations  
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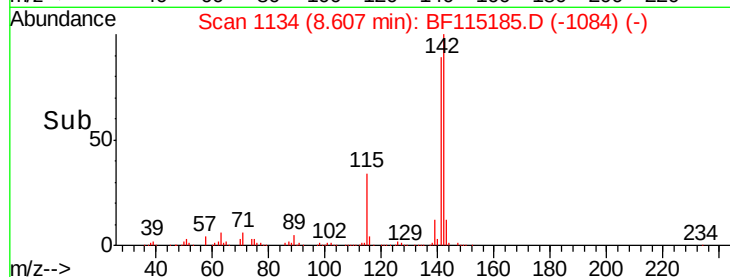
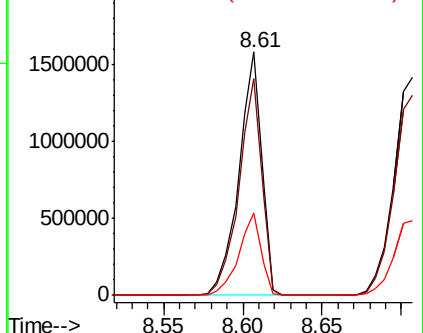


Abundance

Ion 142.00 (141.70 to 142.70): E

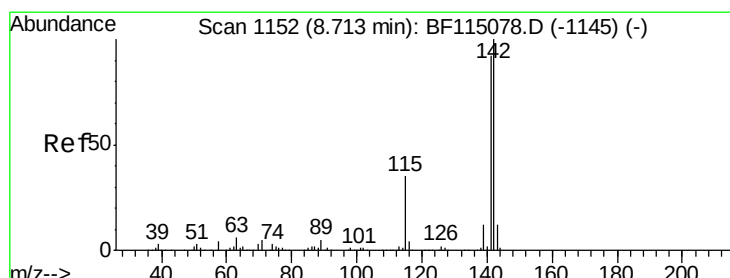
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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#38  
1-Methylnaphthalene  
Concen: 43.695 ng  
RT: 8.71 min Scan# 1151  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

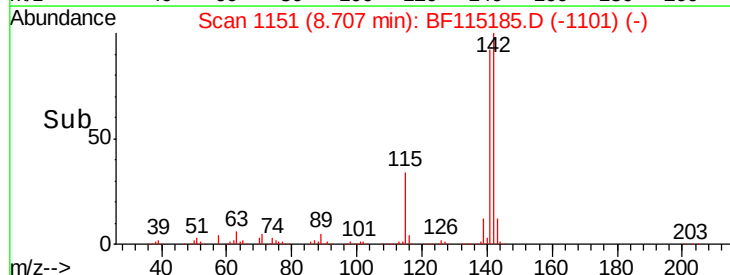
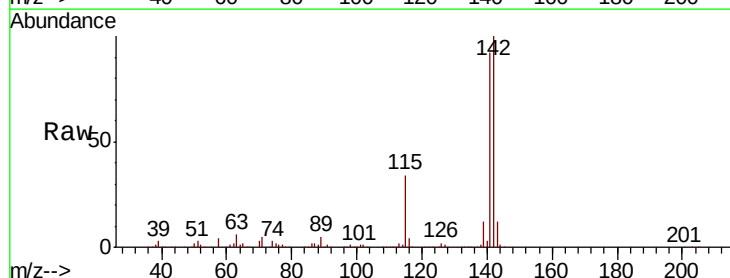
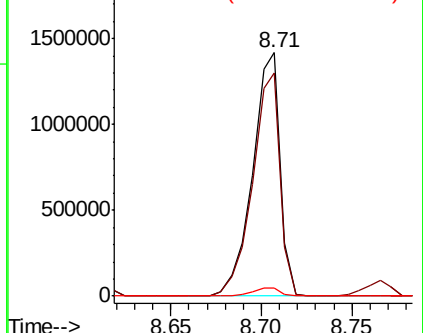
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 73.8  | 110.8 |
| 116     | 3.5   | 2.8   | 4.2   |

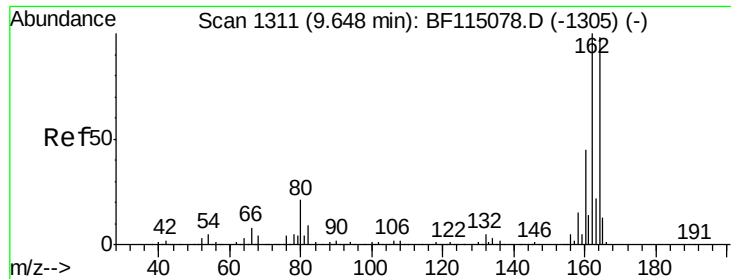
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



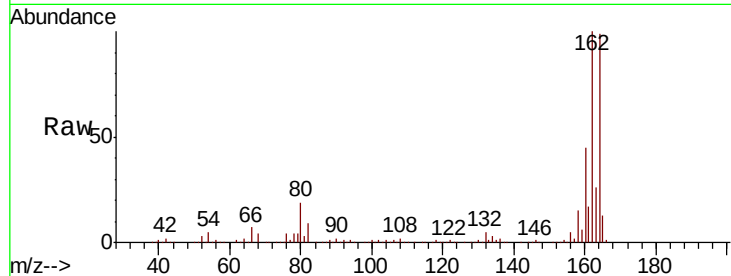


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.64 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.0 | 81.7  | 122.5 |
| 160     | 45.0  | 37.0  | 55.4  |

Manual Integrations  
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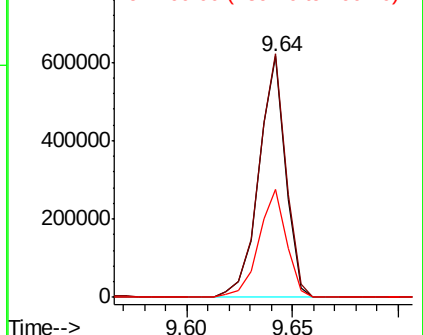


Abundance

Ion 164.00 (163.70 to 164.70): E

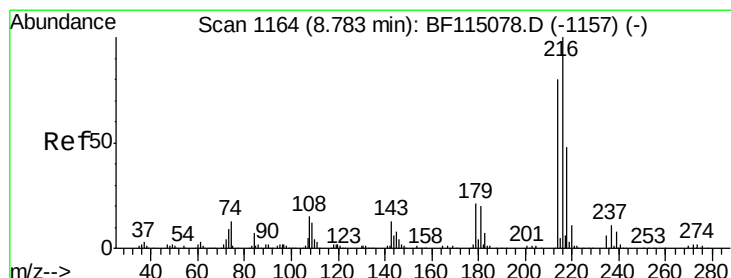
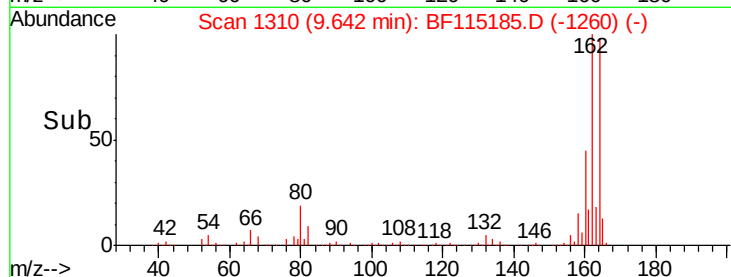
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.145 ng  
RT: 8.78 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.1  | 63.8  | 95.6  |
| 179     | 22.1  | 17.6  | 26.4  |
| 108     | 20.6  | 15.7  | 23.5  |

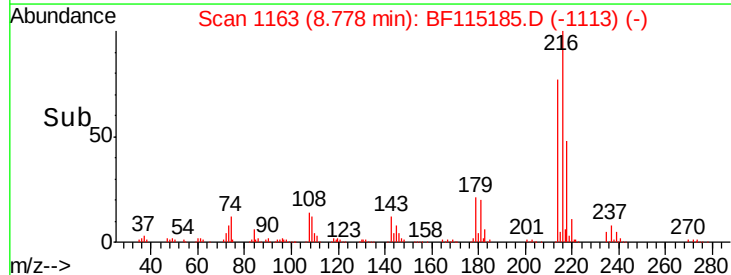
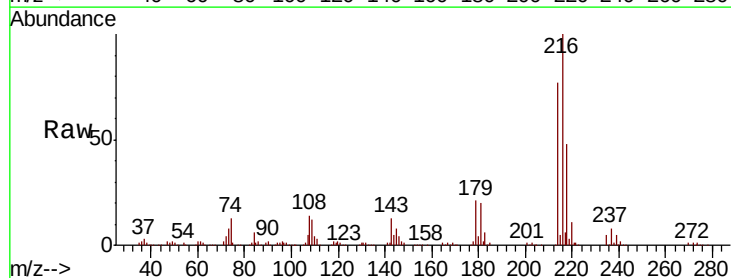
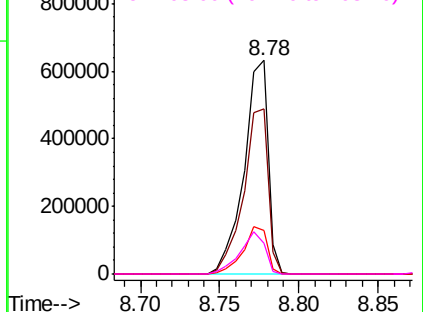
Abundance

Ion 216.00 (215.70 to 216.70): E

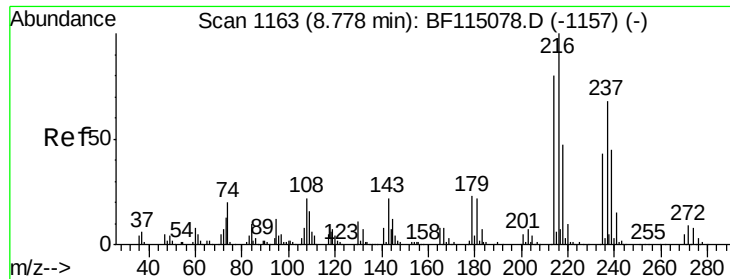
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 76.058 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

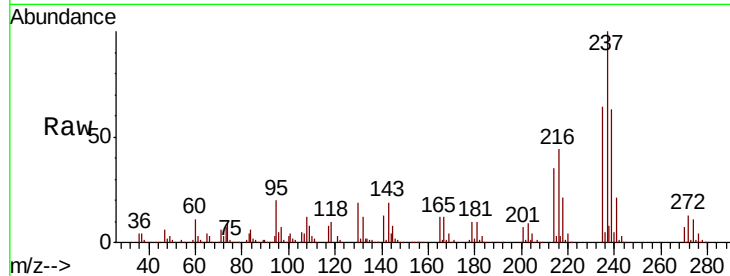
BNA\_F

ClientSampleId :

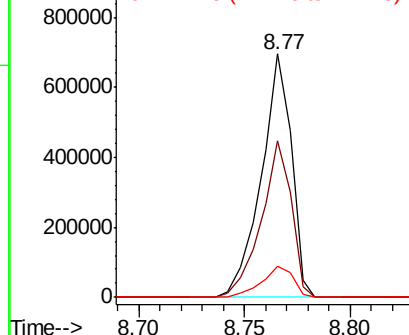
PB120851BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 691446 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.4  | 43.9  | 83.9   |
| 272       | 13.0  | 0.0   | 33.8   |

Manual Integrations  
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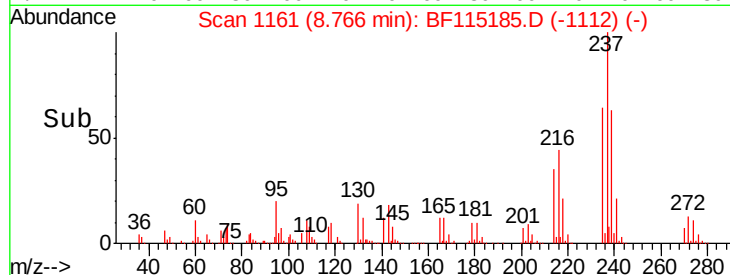


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



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#42

2,4,6-Tribromophenol

Concen: 121.475 ng

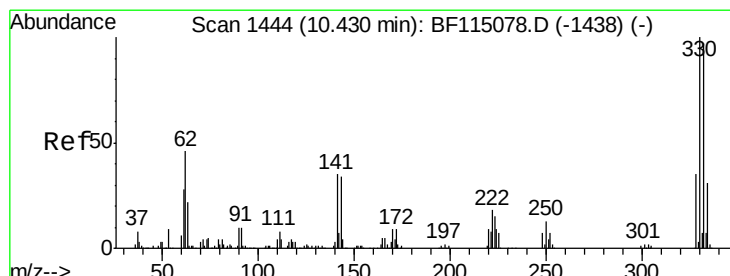
RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

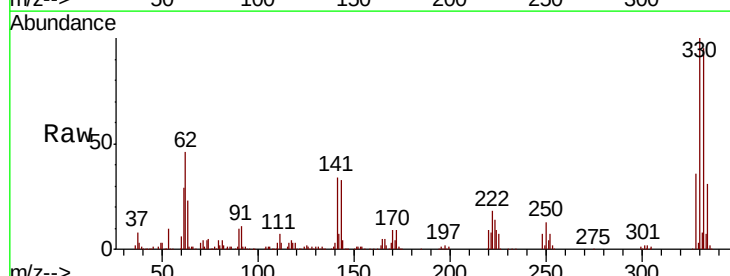
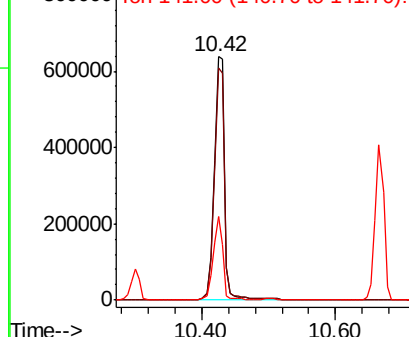
Lab File: BF115185.D

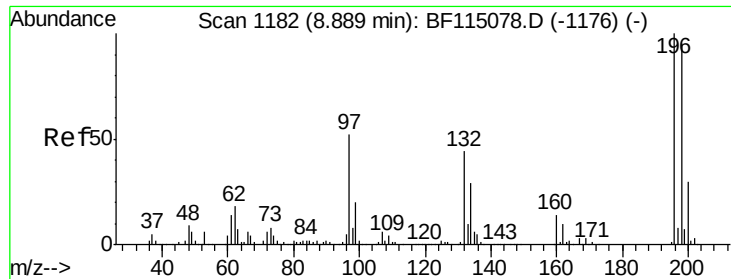
Acq: 25 Jun 2019 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 695006 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.9  | 77.3  | 115.9  |
| 141       | 32.1  | 28.2  | 42.2   |



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



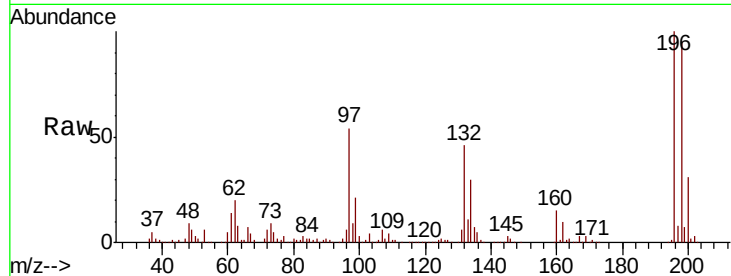


#43  
 2,4,6-Trichlorophenol  
 Concen: 42.757 ng  
 RT: 8.88 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 506098 |       |       |
| 198     | 95.3  | 76.3   | 114.5 |       |
| 200     | 30.8  | 24.2   | 36.4  |       |

Manual Integrations  
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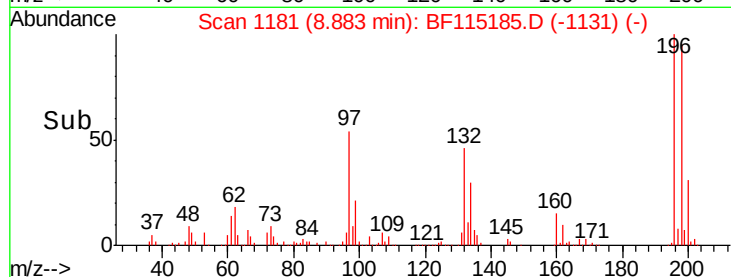
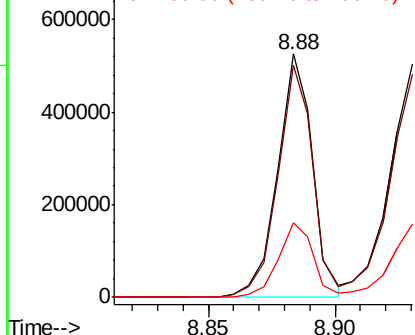


Abundance

Ion 196.00 (195.70 to 196.70): E

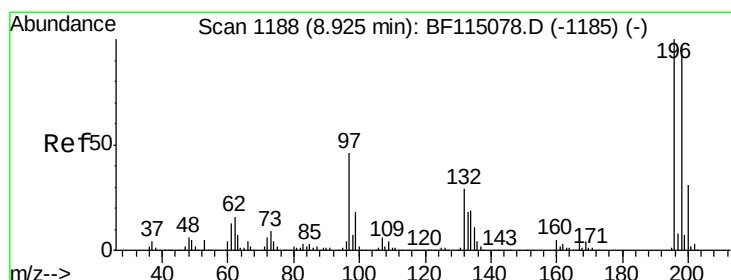
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44  
 2,4,5-Trichlorophenol  
 Concen: 43.752 ng  
 RT: 8.93 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 533312 |       |       |
| 198     | 95.9  | 77.1   | 115.7 |       |
| 97      | 44.8  | 37.7   | 56.5  |       |
| 132     | 28.2  | 23.1   | 34.7  |       |

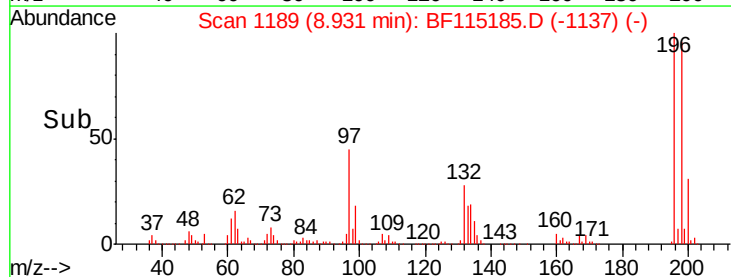
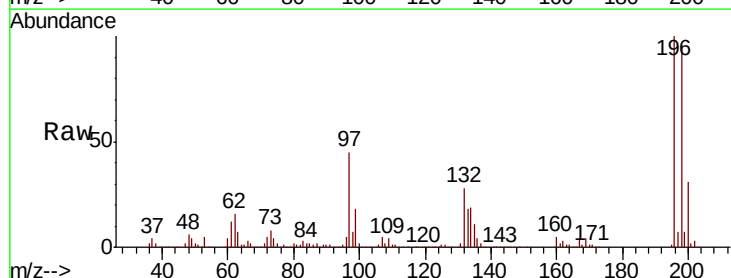
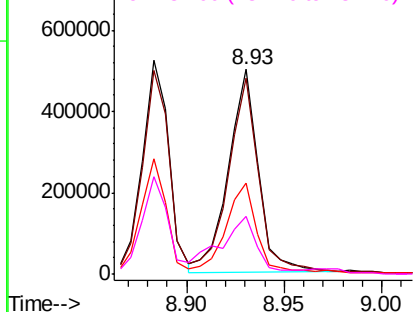
Abundance

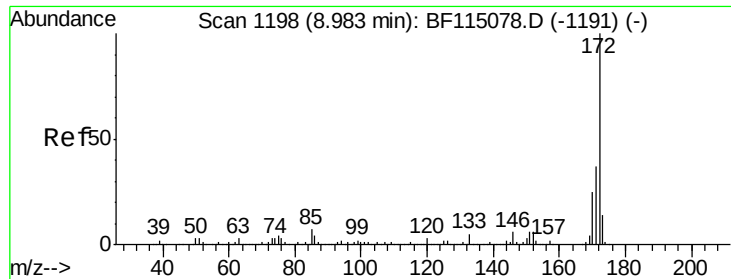
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



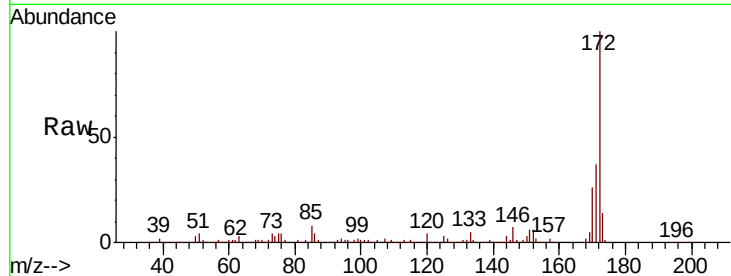


#45  
2-Fluorobiphenyl  
Concen: 85.947 ng  
RT: 8.97 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.3  | 29.8  | 44.6  |
| 170     | 25.7  | 20.3  | 30.5  |

Manual Integrations  
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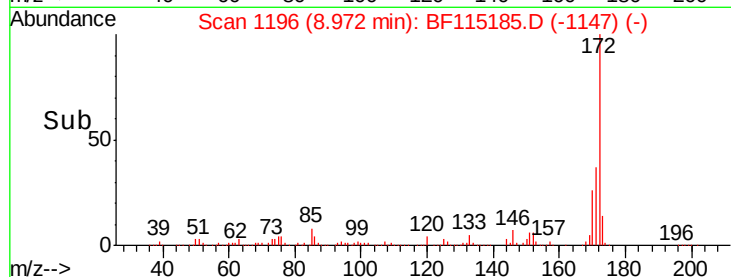
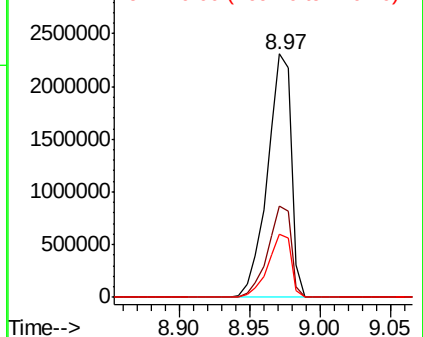


Abundance

Ion 172.00 (171.70 to 172.70): E

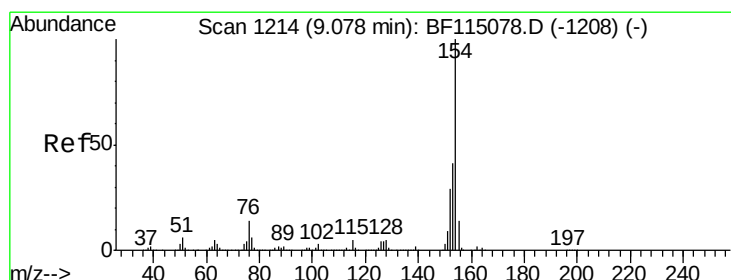
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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#46  
1,1'-Biphenyl  
Concen: 41.616 ng  
RT: 9.07 min Scan# 1213  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

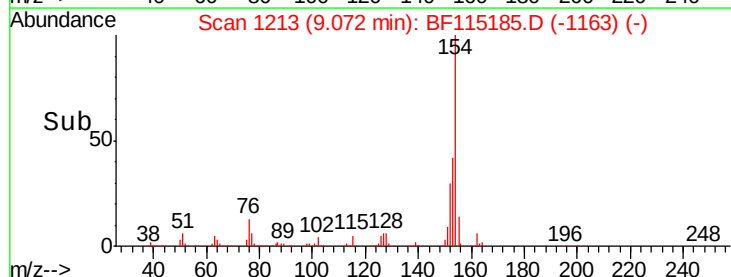
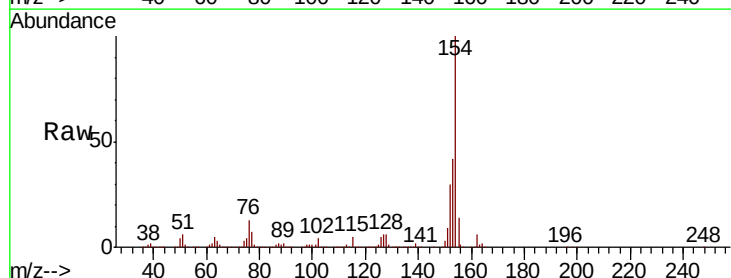
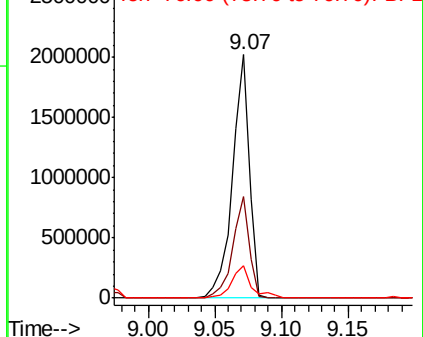
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.9  | 20.9  | 60.9  |
| 76      | 13.3  | 0.0   | 34.1  |

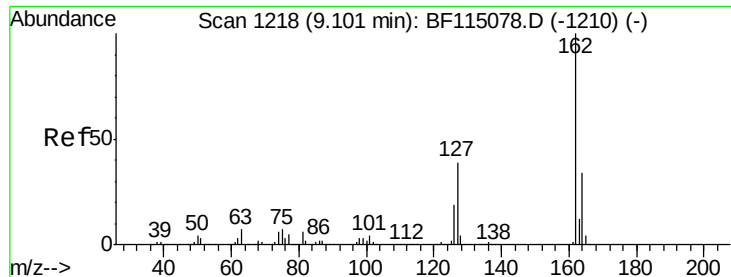
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.887 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tot Ion:162 Resp: 1475001

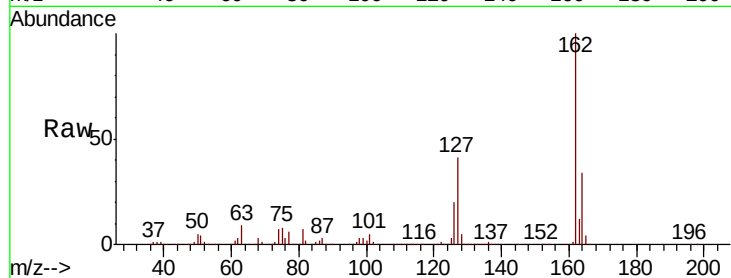
Ion Ratio Lower Upper

162 100

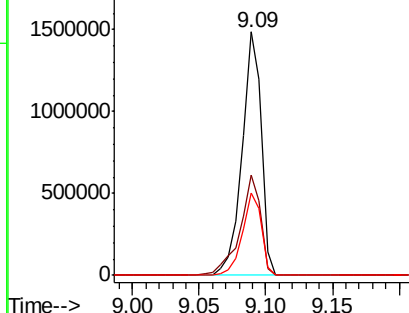
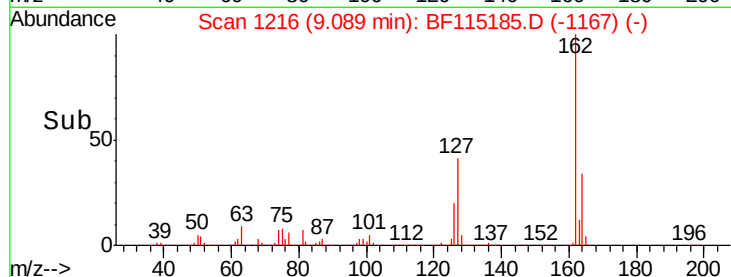
127 41.3 30.8 46.2

164 33.8 27.0 40.4

Manual Integrations  
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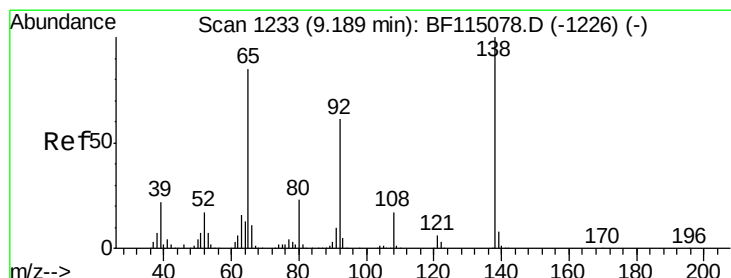


Abundance Ion 162.00 (161.70 to 162.70): E  
2000000 Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E



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#48

2-Nitroaniline

Concen: 43.425 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

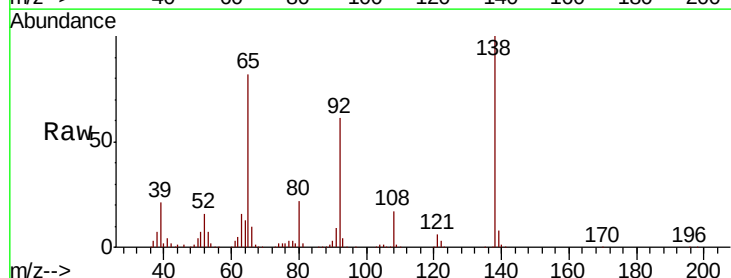
Tgt Ion: 65 Resp: 445817

Ion Ratio Lower Upper

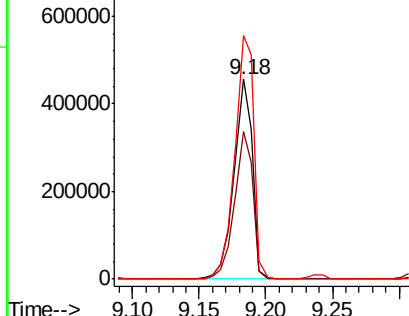
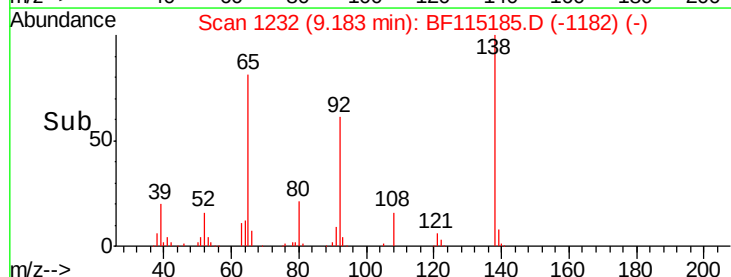
65 100

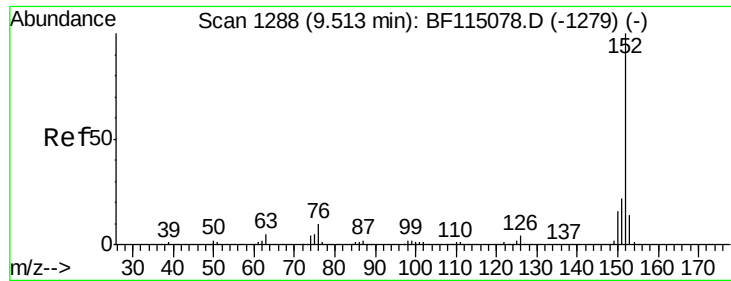
92 73.9 57.4 86.2

138 121.8 94.1 141.1



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





#49

Acenaphthylene

Concen: 41.710 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tot Ion:152 Resp: 2288389

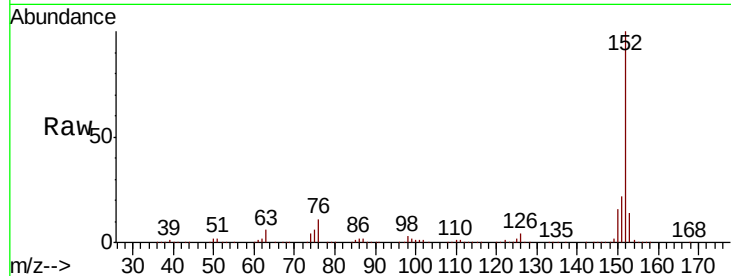
Ion Ratio Lower Upper

152 100

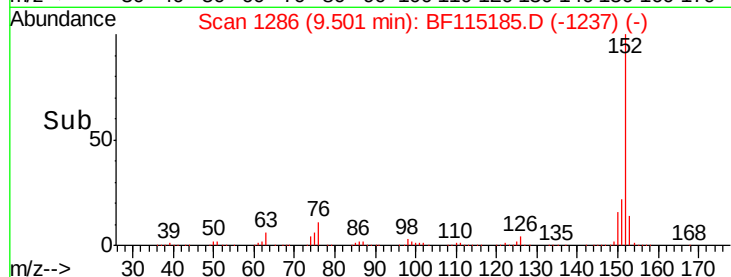
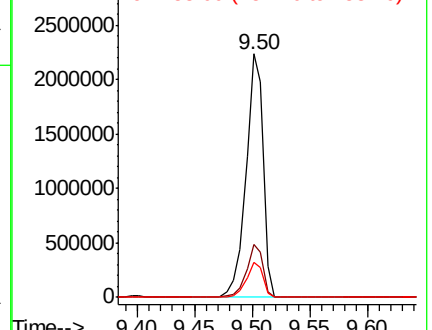
151 21.7 17.2 25.8

153 14.3 11.0 16.6

Manual Integrations  
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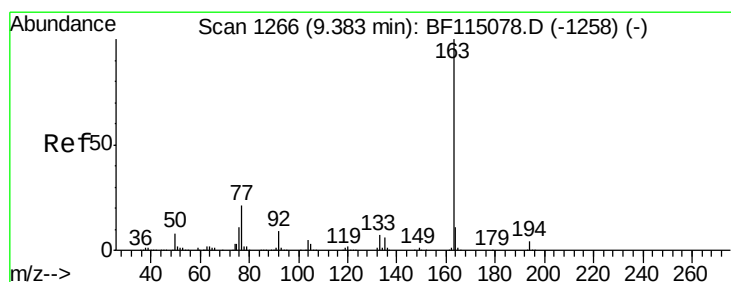


Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 41.997 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

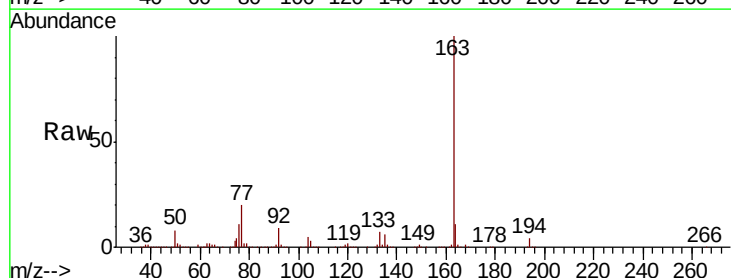
Tgt Ion:163 Resp: 1676391

Ion Ratio Lower Upper

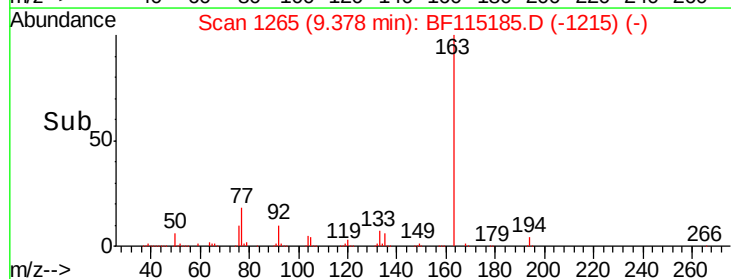
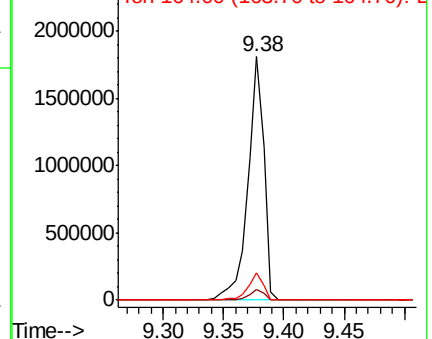
163 100

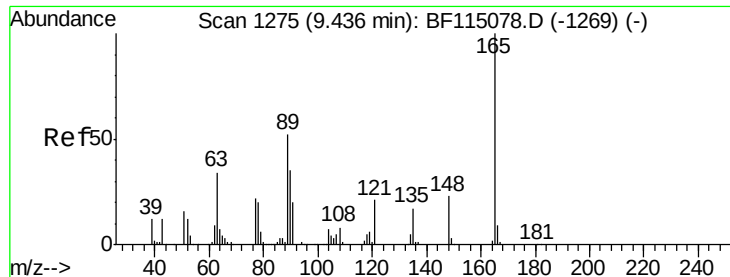
194 4.2 3.2 4.8

164 11.1 8.6 13.0



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



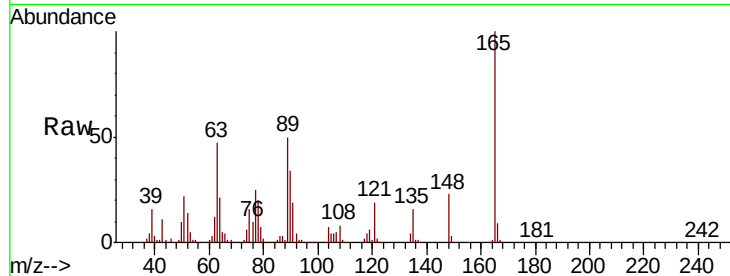


#51  
 2,6-Dinitrotoluene  
 Concen: 43.810 ng  
 RT: 9.43 min Scan# 1274  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

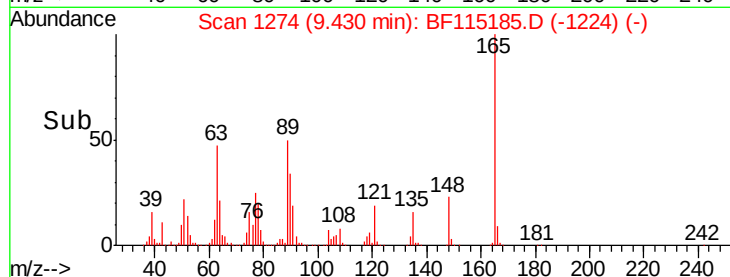
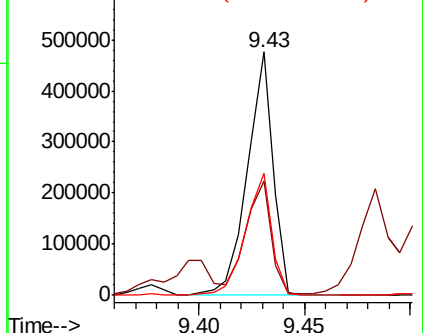
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.0  | 39.4  | 59.2  |
| 89      | 50.0  | 42.0  | 63.0  |

Manual Integrations  
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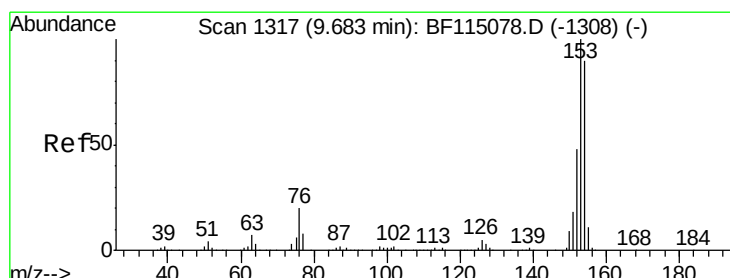


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1



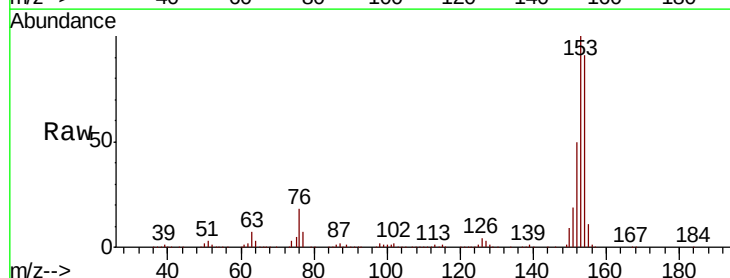
mohammad

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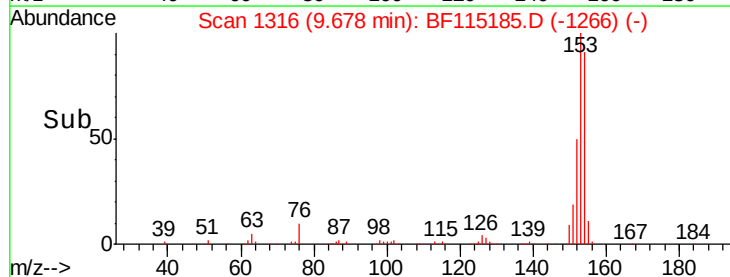
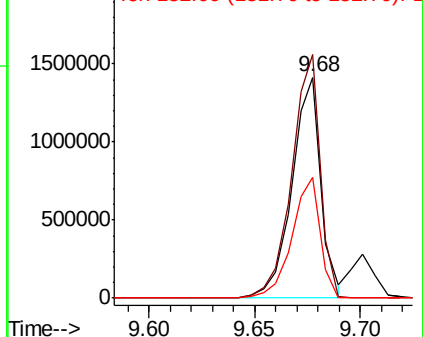


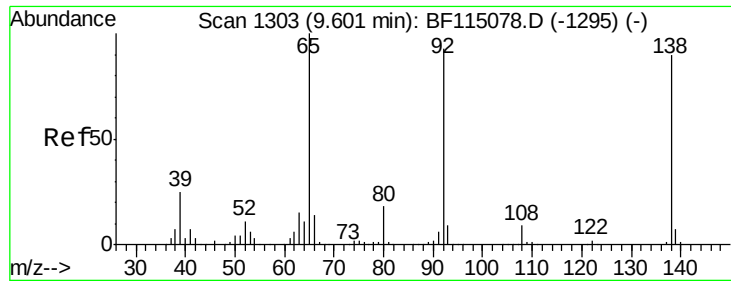
#52  
 Acenaphthene  
 Concen: 39.486 ng  
 RT: 9.68 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.2 | 88.7  | 133.1 |
| 152     | 54.7  | 42.6  | 64.0  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E



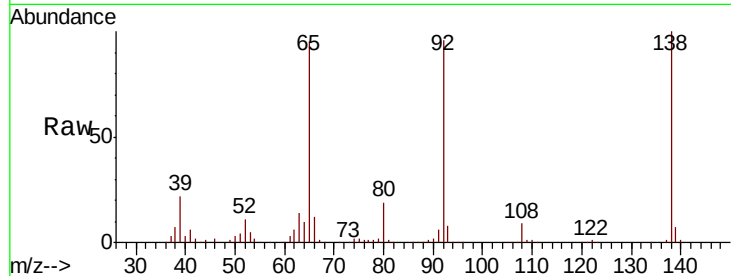


#53  
 3-Nitroaniline  
 Concen: 27.255 ng  
 RT: 9.60 min Scan# 1302  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 8.8   | 7.8   | 11.6  |
| 92      | 96.1  | 82.9  | 124.3 |

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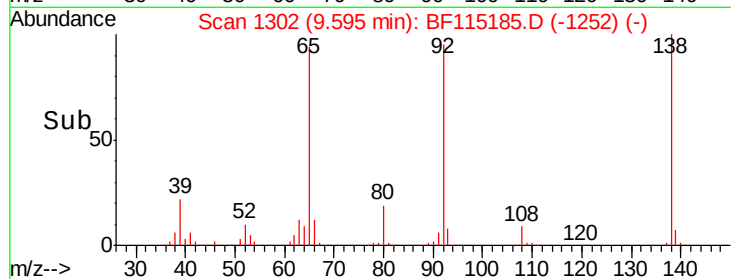
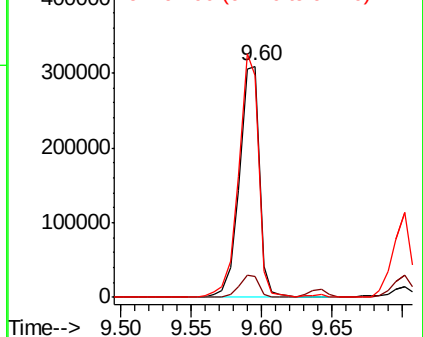


Abundance

Ion 138.00 (137.70 to 138.70): E

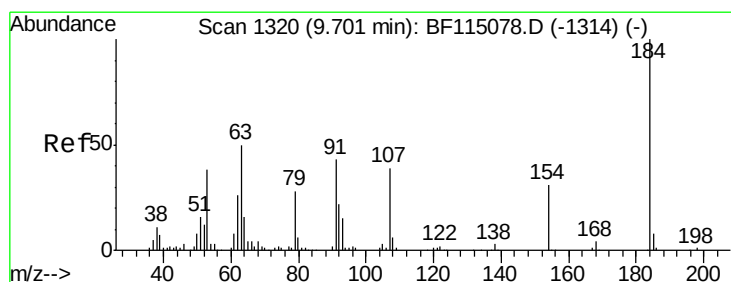
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



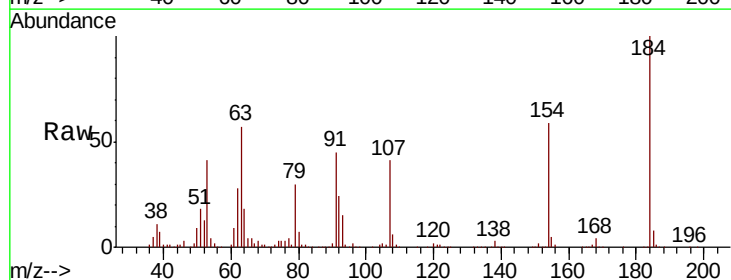
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#54  
 2,4-Dinitrophenol  
 Concen: 93.163 ng  
 RT: 9.70 min Scan# 1320  
 Delta R.T. 0.00 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 57.3  | 41.9  | 62.9  |
| 154     | 58.9  | 44.7  | 67.1  |

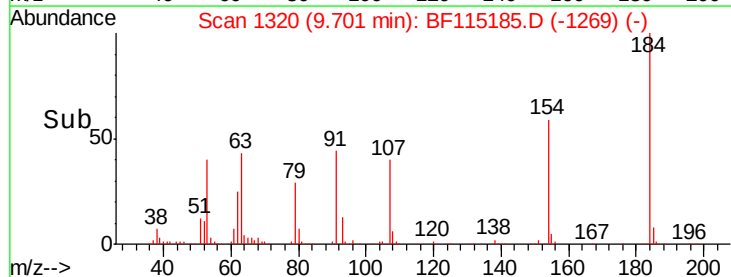
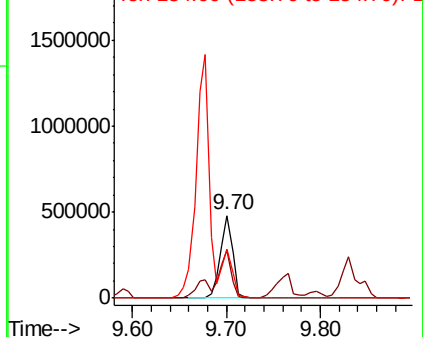


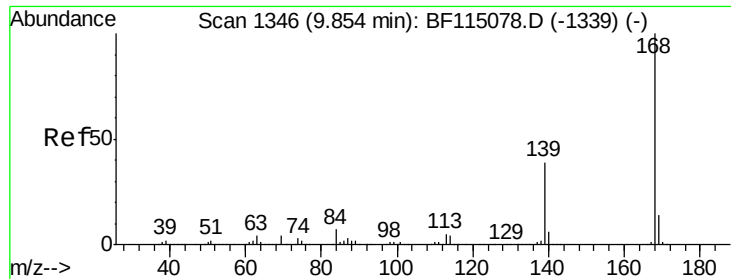
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



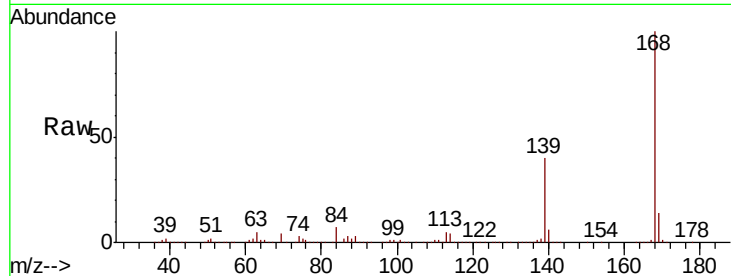


#55  
Dibenzofuran  
Concen: 40.069 ng  
RT: 9.85 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.0  | 31.1  | 46.7  |
| 169     | 14.5  | 11.3  | 16.9  |

Manual Integrations  
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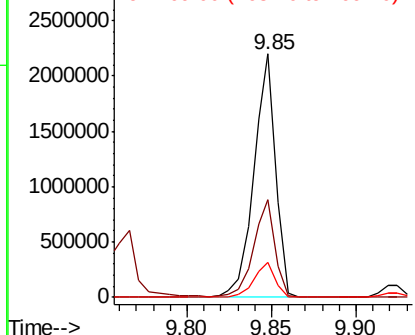


Abundance

Ion 168.00 (167.70 to 168.70): E

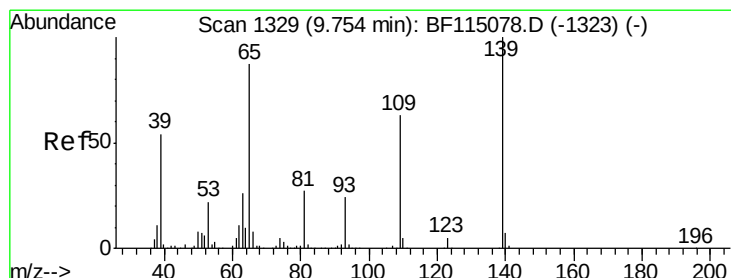
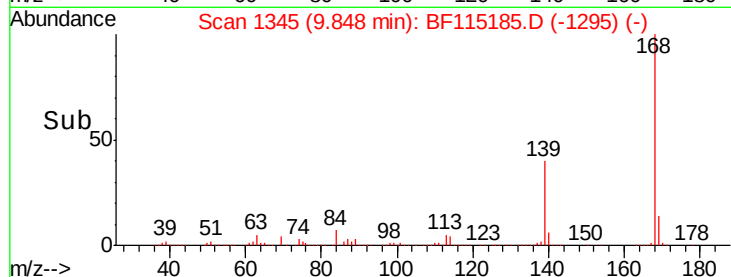
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



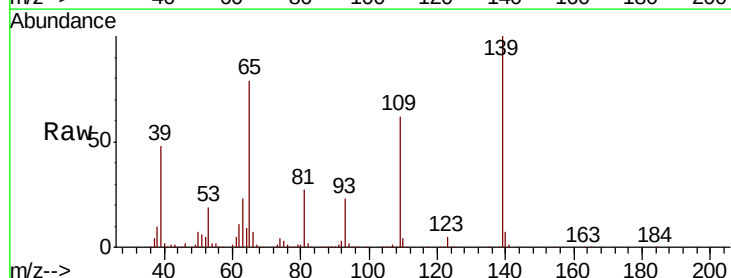
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#56  
4-Nitrophenol  
Concen: 78.569 ng  
RT: 9.77 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 61.6  | 43.0  | 83.0  |
| 65      | 78.6  | 67.0  | 107.0 |

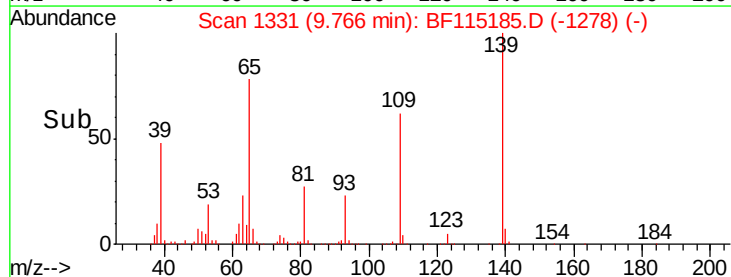
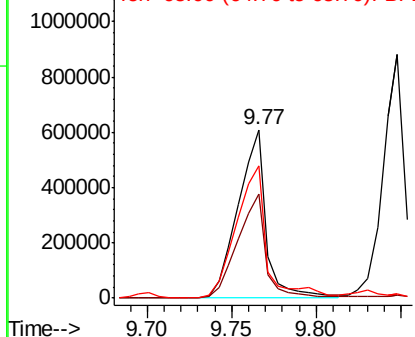


Abundance

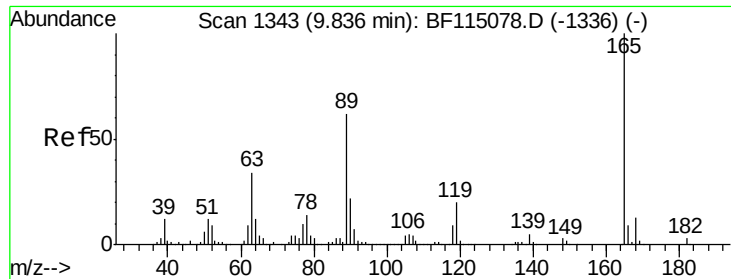
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





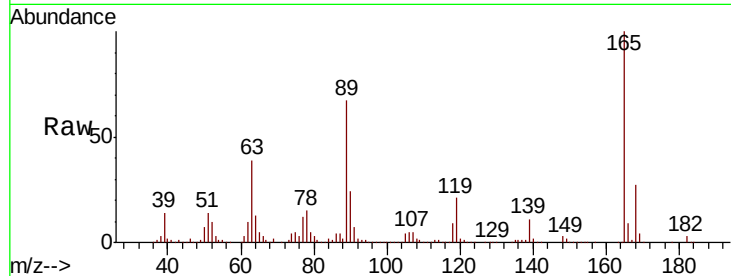


#57  
 2,4-Dinitrotoluene  
 Concen: 45.464 ng  
 RT: 9.83 min Scan# 1342  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

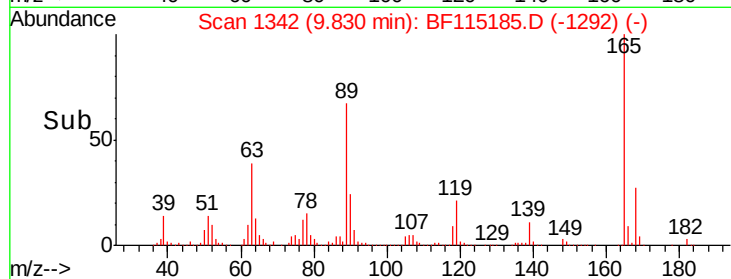
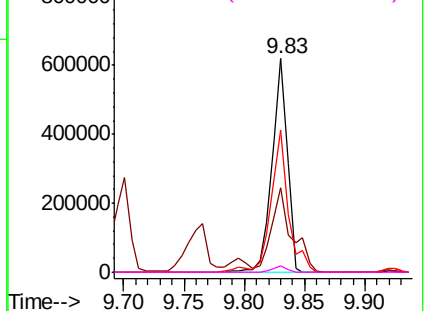
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB120851BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 39.3  | 27.5 | 41.3  |       |
| 89      | 66.7  | 49.9 | 74.9  |       |
| 182     | 2.7   | 2.1  | 3.1   |       |

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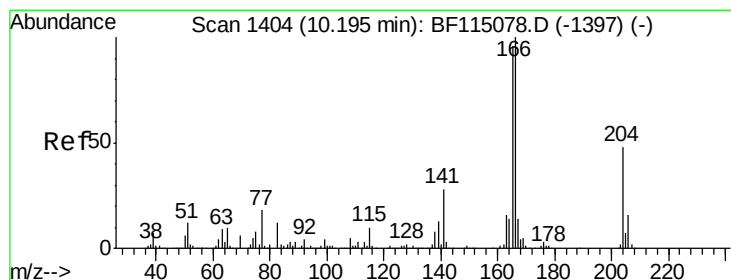


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E



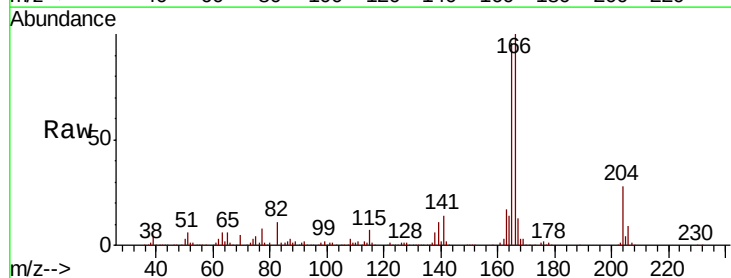
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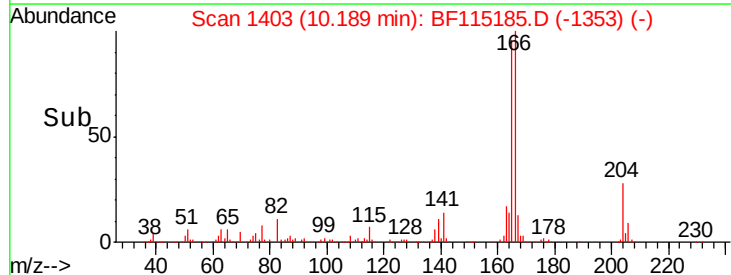
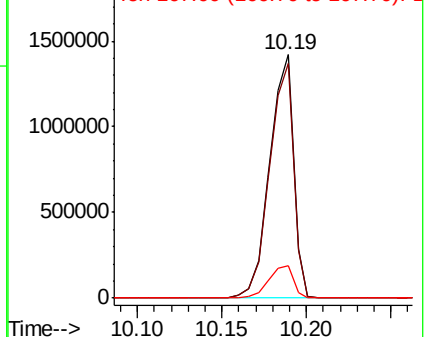


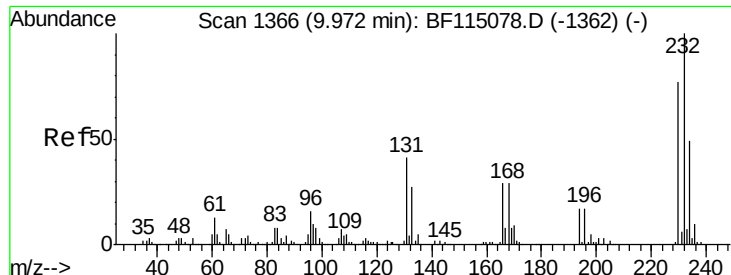
#58  
 Fluorene  
 Concen: 41.886 ng  
 RT: 10.19 min Scan# 1403  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 96.4  | 76.5 | 114.7 |       |
| 167     | 13.3  | 11.0 | 16.4  |       |



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



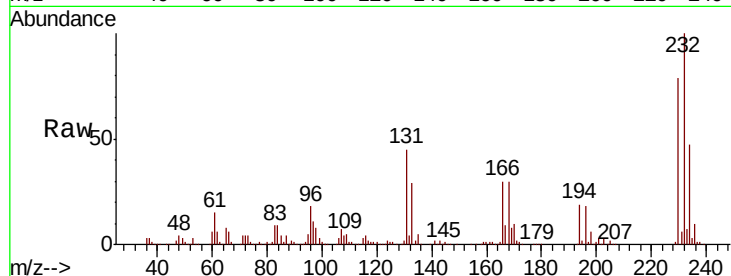


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.425 ng  
 RT: 9.97 min Scan# 1365  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

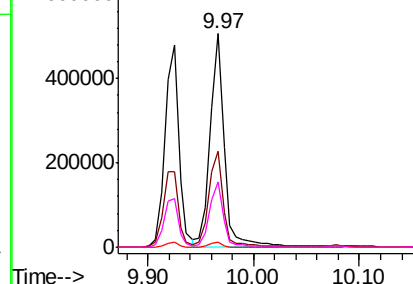
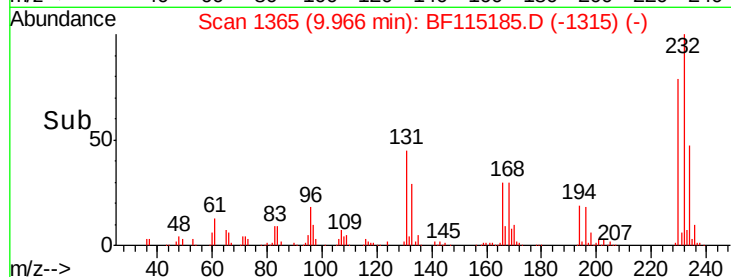
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB120851BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 474512 |       |       |
| 131     | 46.3  |        | 37.4  | 56.0  |
| 130     | 2.2   |        | 1.8   | 2.6   |
| 166     | 29.8  |        | 24.6  | 36.8  |

Manual Integrations  
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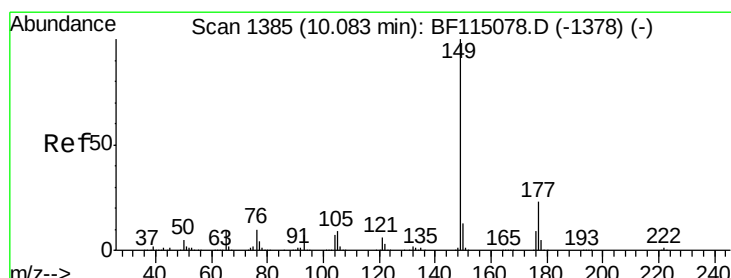


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E



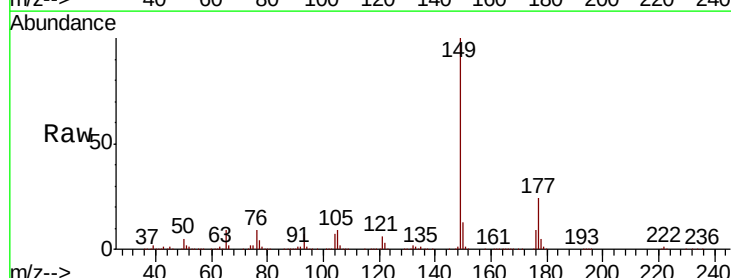
mohammad

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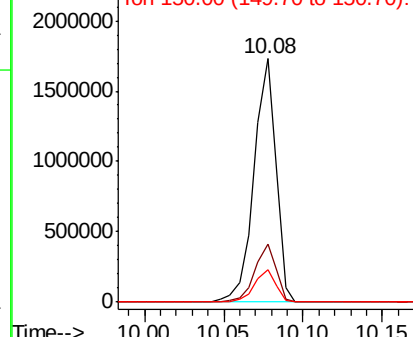
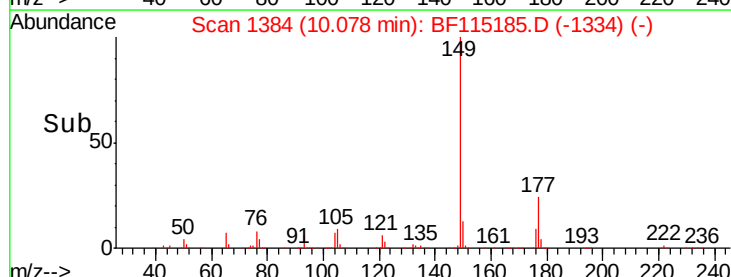


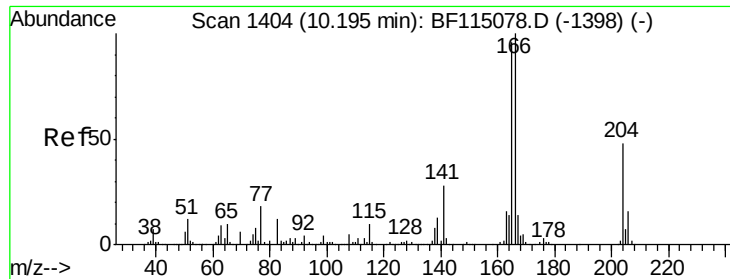
#60  
 Diethylphthalate  
 Concen: 41.402 ng  
 RT: 10.08 min Scan# 1384  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1661225 |       |       |
| 177     | 23.6  |         | 18.7  | 28.1  |
| 150     | 13.1  |         | 10.4  | 15.6  |



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



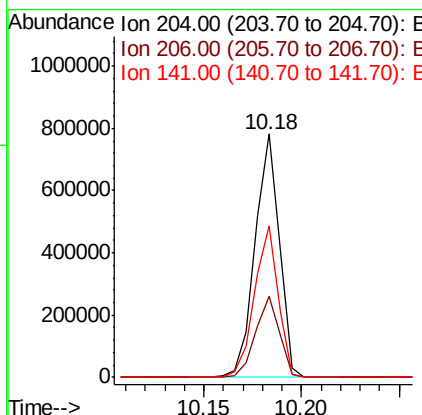
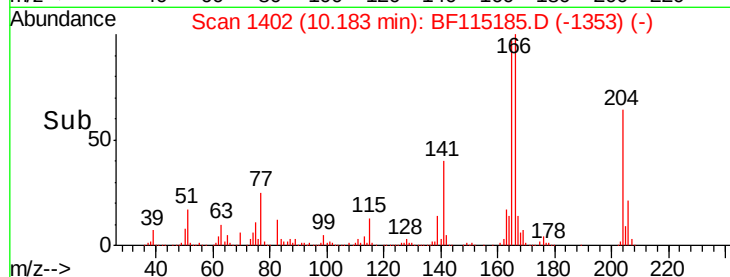
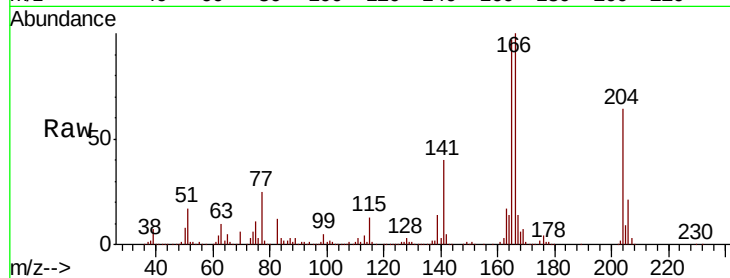


#61  
4-Chlorophenyl-phenylether  
Concen: 42.879 ng  
RT: 10.18 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

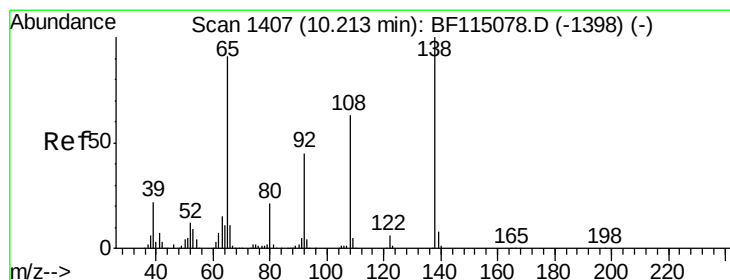
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 26.6  | 40.0  |
| 141     | 62.0  | 46.7  | 70.1  |

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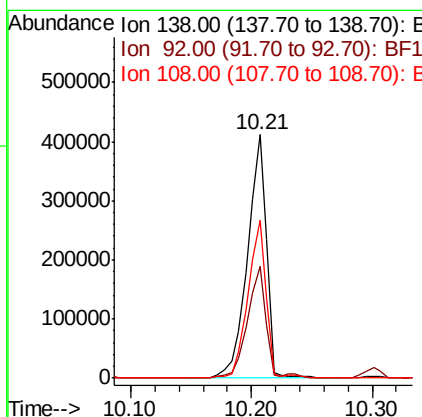
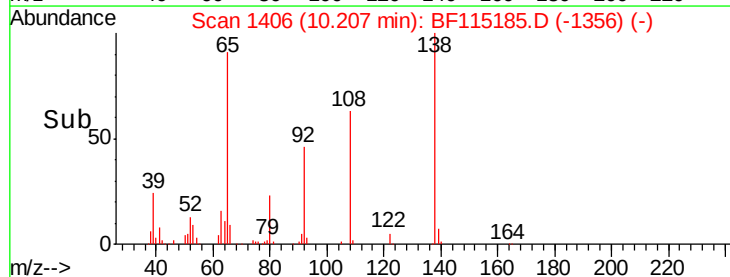
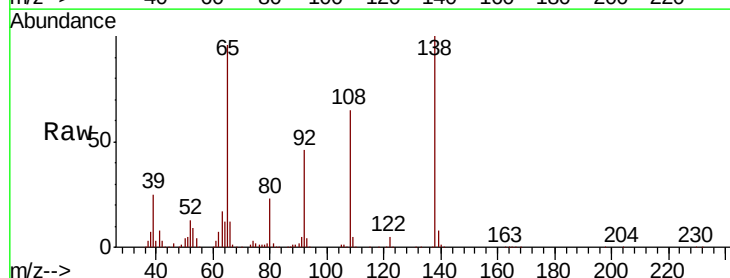
mohammad

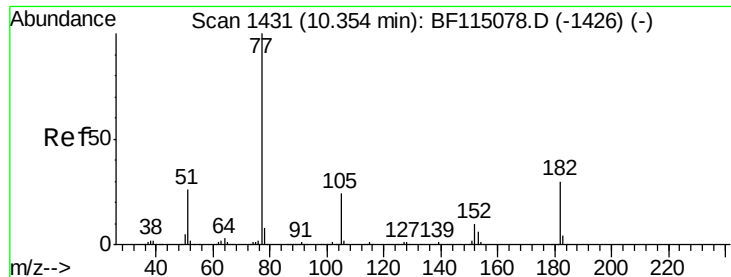
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#62  
4-Nitroaniline  
Concen: 40.174 ng  
RT: 10.21 min Scan# 1406  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.9  | 24.8  | 64.8  |
| 108     | 64.8  | 43.3  | 83.3  |



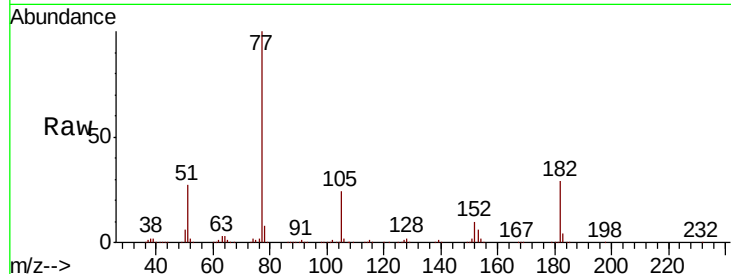


#63  
Azobenzene  
Concen: 40.846 ng  
RT: 10.34 min Scan# 1429  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.7  | 10.1  | 50.1  |
| 105     | 24.3  | 4.5   | 44.5  |
| 51      | 27.4  | 6.4   | 46.4  |

Manual Integrations  
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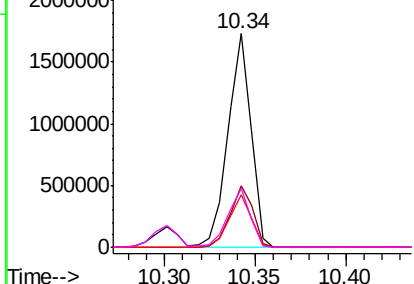
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

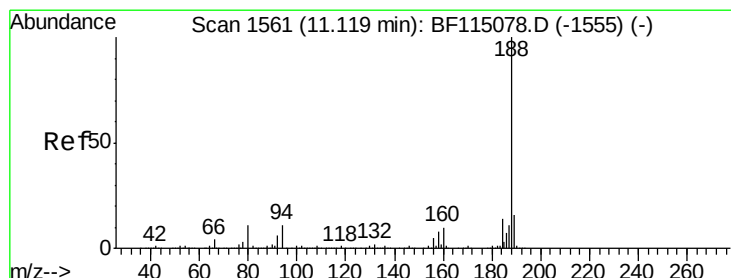
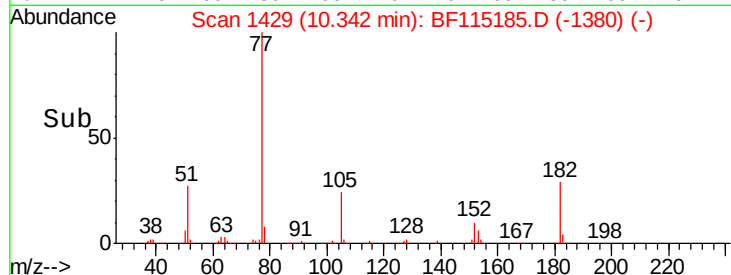
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.11 min Scan# 1560  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

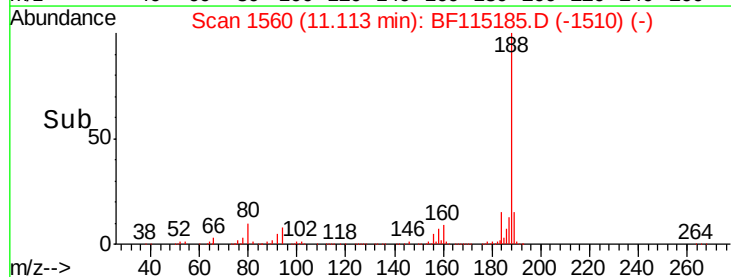
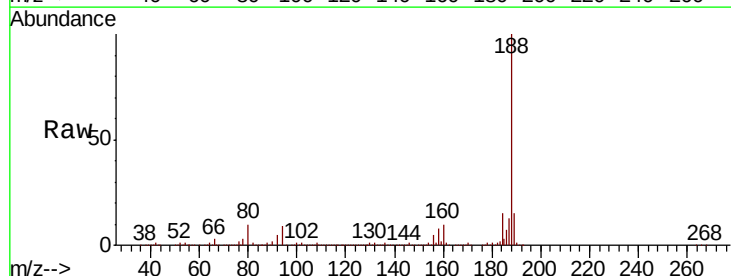
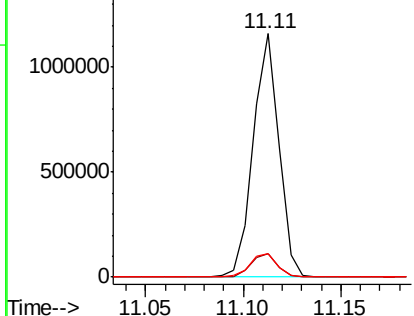
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.4   | 8.6   | 12.8  |
| 80      | 9.7   | 8.8   | 13.2  |

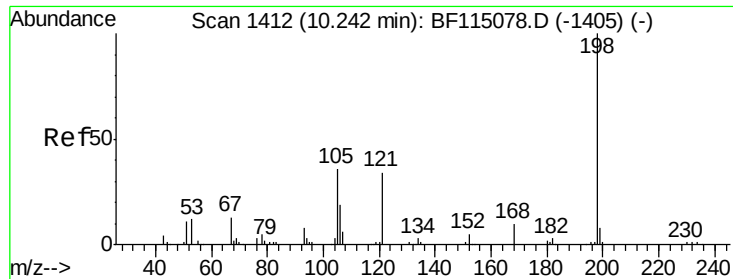
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.180 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

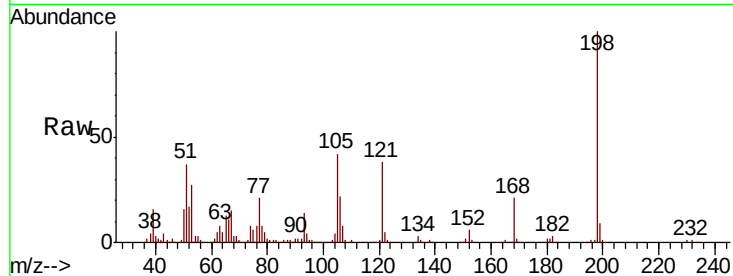
BNA\_F

ClientSampled :

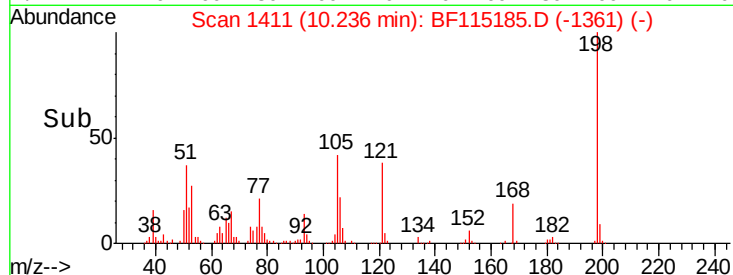
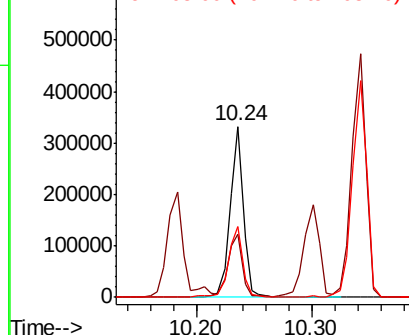
PB120851BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 264431 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 36.6  | 11.0  | 51.0   |
| 105       | 41.6  | 17.3  | 57.3   |

Manual Integrations  
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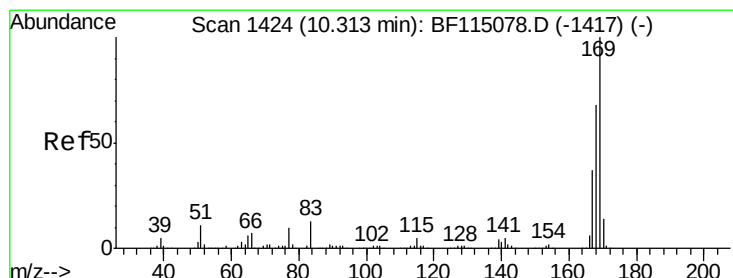


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E



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#66

n-Nitrosodiphenylamine

Concen: 42.602 ng

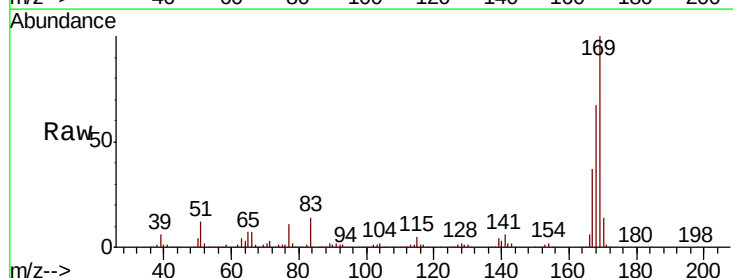
RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

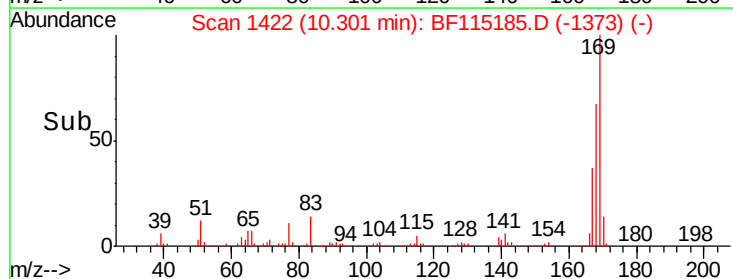
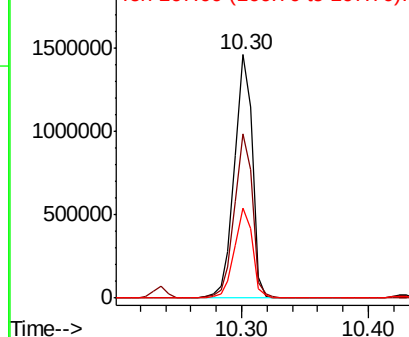
Lab File: BF115185.D

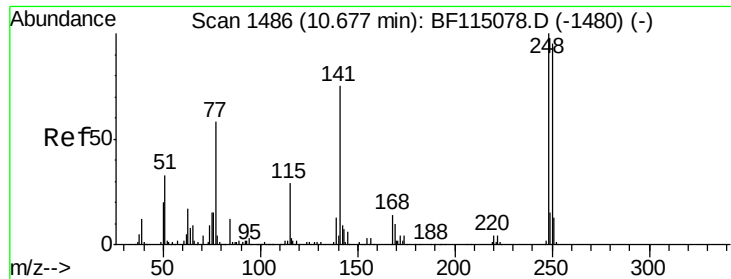
Acq: 25 Jun 2019 14:14

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 1400890 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 67.4  | 54.2  | 81.4    |
| 167       | 37.0  | 29.4  | 44.0    |



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



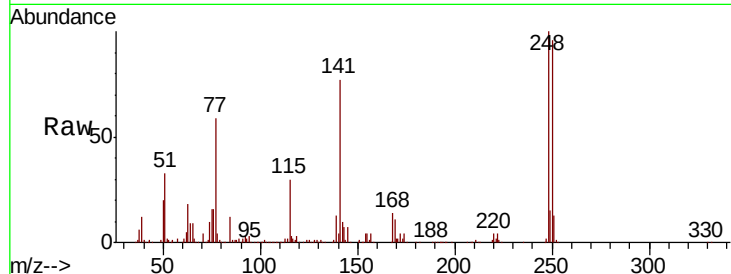


#67  
4-Bromophenyl-phenylether  
Concen: 42.393 ng  
RT: 10.67 min Scan# 1484  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampled :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.5  | 76.2  | 114.2 |
| 141     | 76.6  | 59.6  | 89.4  |

Manual Integrations  
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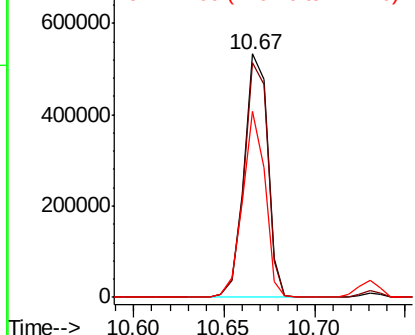


Abundance

Ion 248.00 (247.70 to 248.70): E

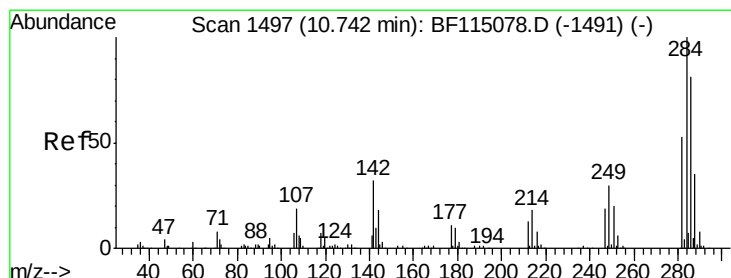
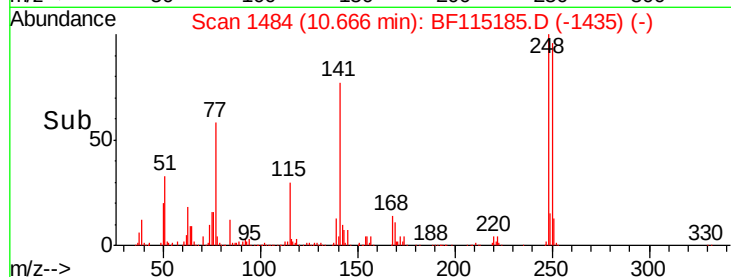
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



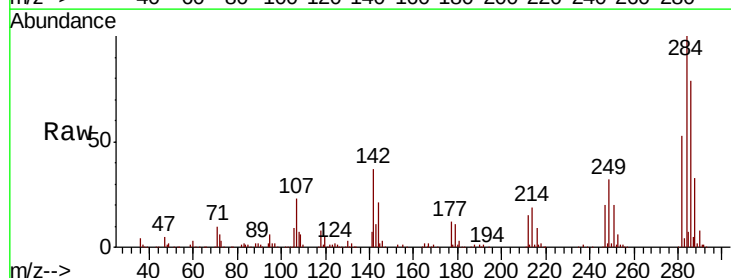
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#68  
Hexachlorobenzene  
Concen: 42.667 ng  
RT: 10.73 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.5  | 25.8  | 38.8  |
| 249     | 31.9  | 24.2  | 36.4  |

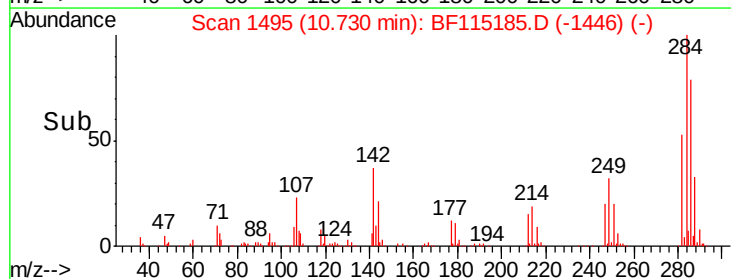
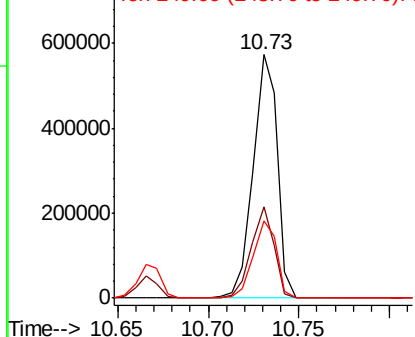


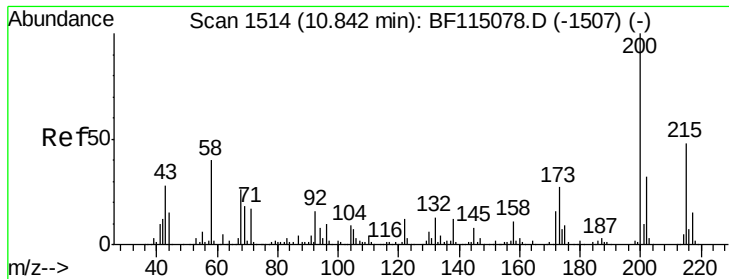
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



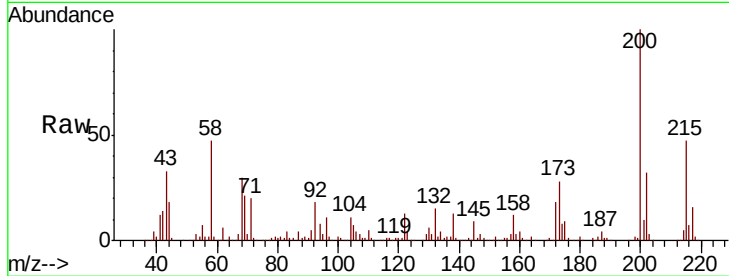


#69  
 Atrazine  
 Concen: 42.583 ng  
 RT: 10.83 min Scan# 1512  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

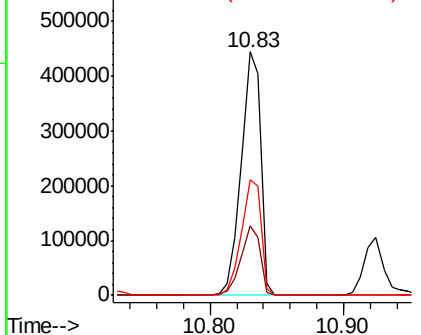
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.3  | 7.4   | 47.4  |
| 215     | 47.4  | 27.8  | 67.8  |

Manual Integrations  
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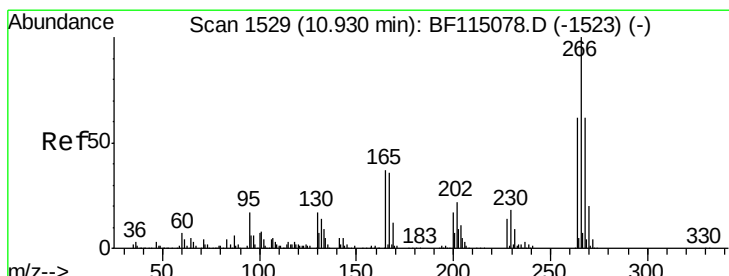
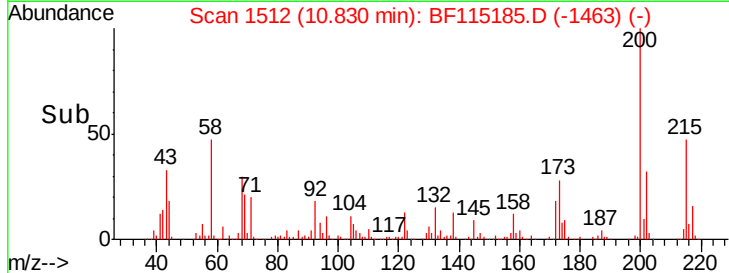


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E



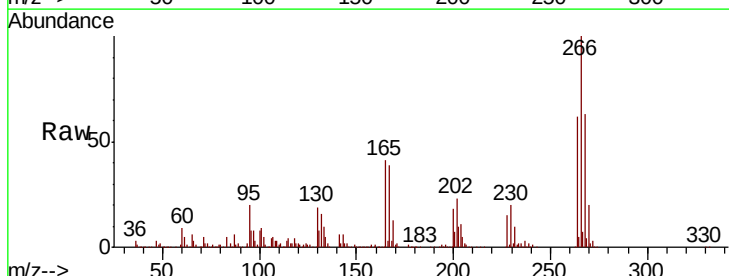
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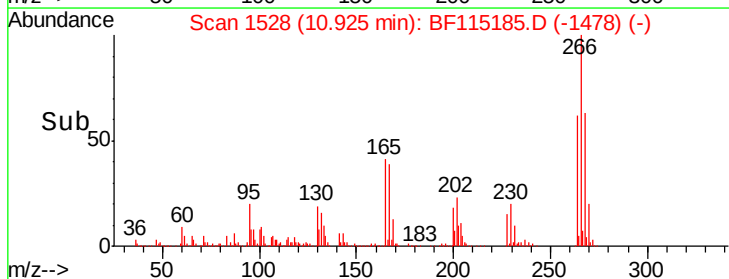
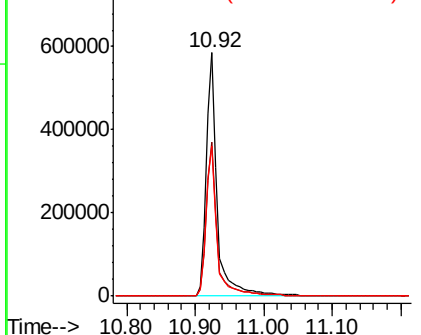


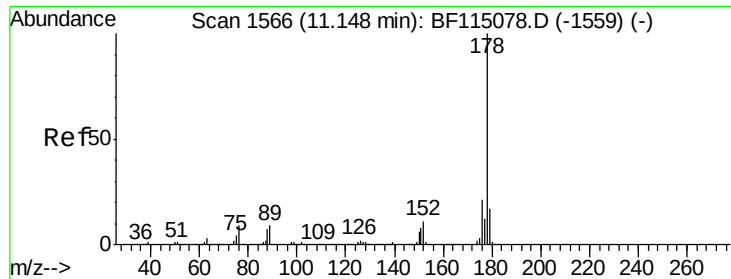
#70  
 Pentachlorophenol  
 Concen: 85.107 ng  
 RT: 10.92 min Scan# 1528  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 49.5  | 74.3  |
| 264     | 61.8  | 49.3  | 73.9  |



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





#71

Phenanthrene

Concen: 39.572 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

BNA\_F

ClientSampleId :

PB120851BS

Tot Ion:178 Resp: 2248784

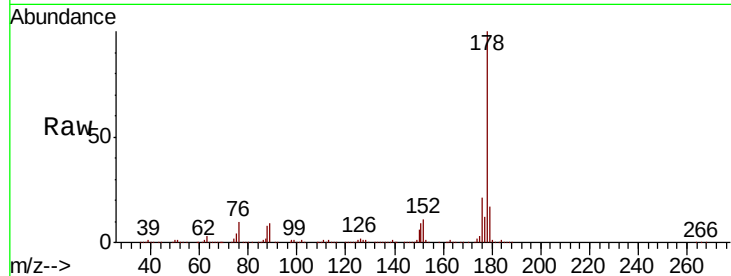
Ion Ratio Lower Upper

178 100

176 21.2 16.9 25.3

179 16.9 13.2 19.8

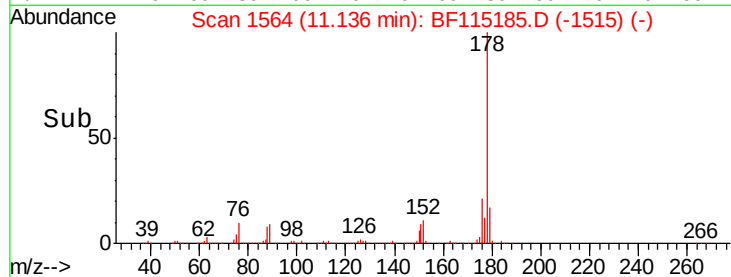
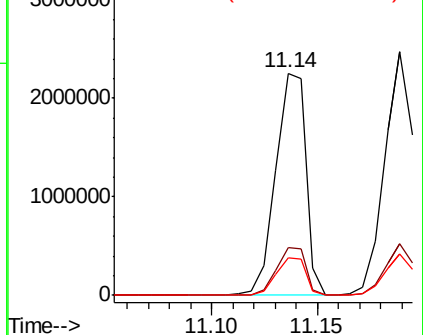
Manual Integrations  
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Abundance Ion 178.00 (177.70 to 178.70): E

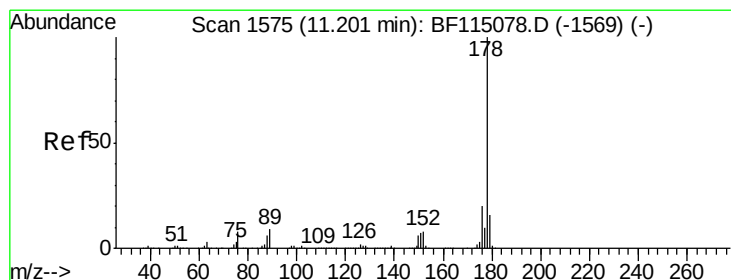
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#72

Anthracene

Concen: 40.333 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Tgt Ion:178 Resp: 2313642

Ion Ratio Lower Upper

178 100

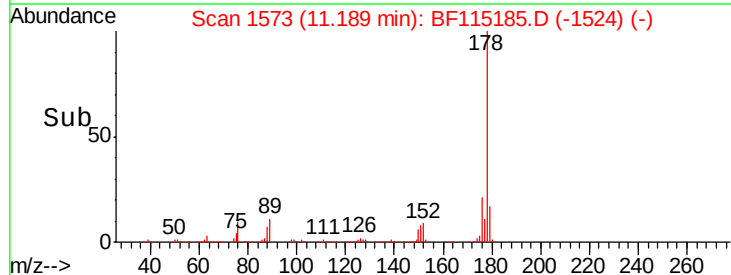
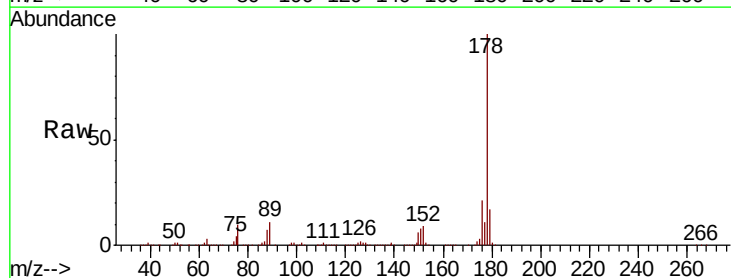
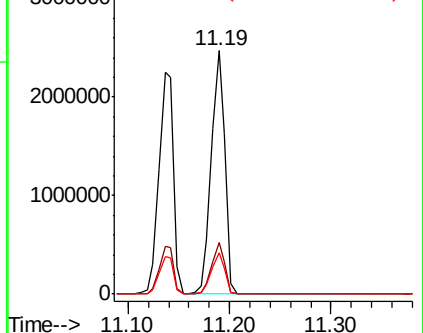
176 21.0 16.1 24.1

179 17.0 12.9 19.3

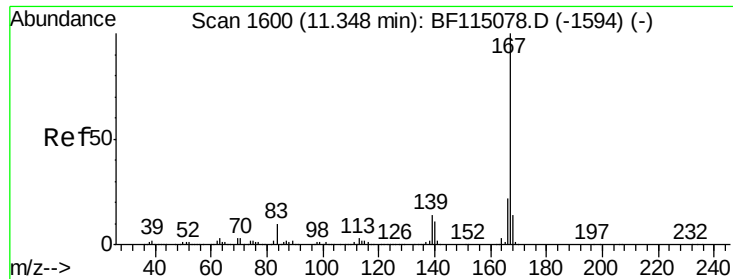
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







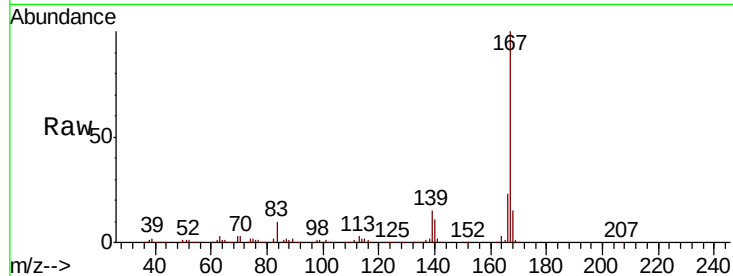
#73  
 Carbazole  
 Concen: 41.277 ng  
 RT: 11.34 min Scan# 1599  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

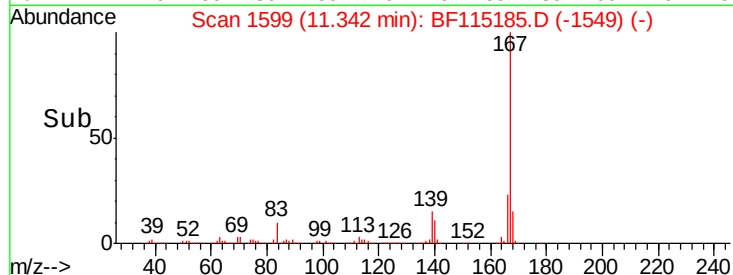
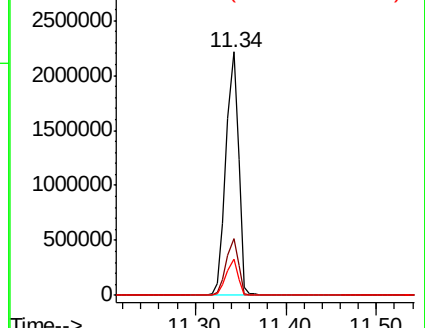
Tot Ion:167 Resp: 2114383  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.3  | 18.0  | 27.0  |
| 139 | 14.8  | 11.1  | 16.7  |

Manual Integrations  
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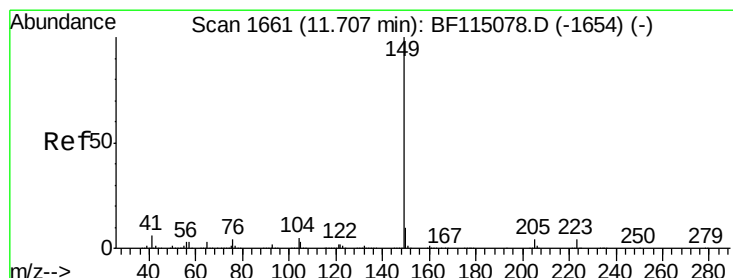


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



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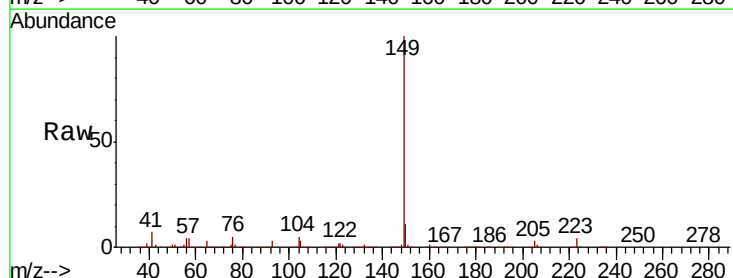
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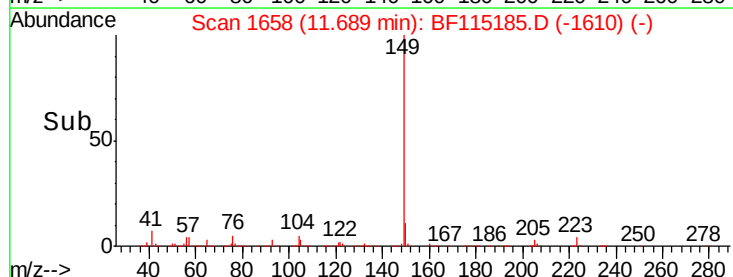
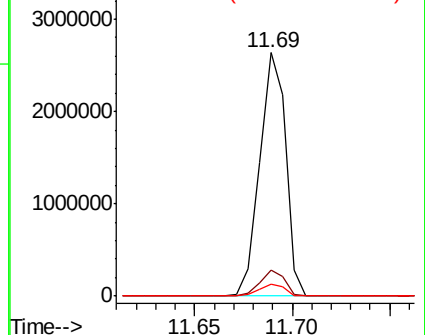
#74  
 Di-n-butylphthalate  
 Concen: 41.021 ng  
 RT: 11.69 min Scan# 1658  
 Delta R.T. -0.02 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

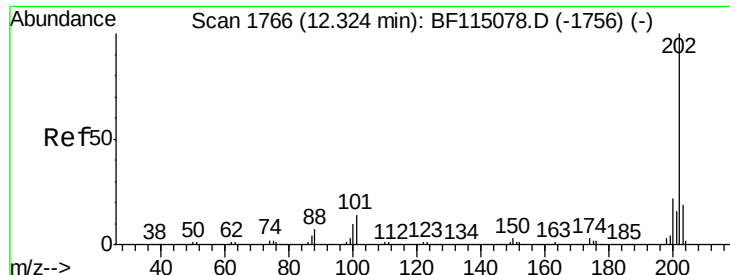
Tgt Ion:149 Resp: 2428103  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.5  | 7.8   | 11.8  |
| 104 | 5.1   | 3.7   | 5.5   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.250 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

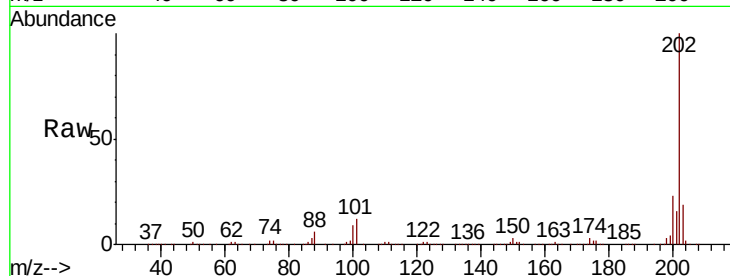
BNA\_F

ClientSampled :

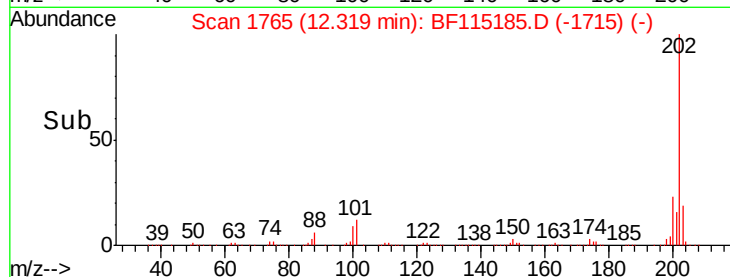
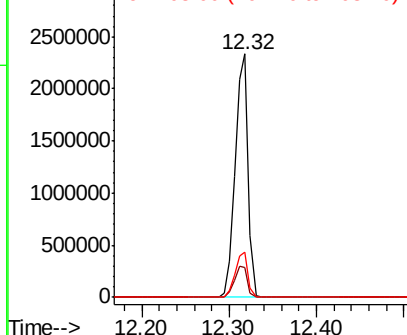
PB120851BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 2338855 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.3  | 0.0   | 34.0    |
| 203       | 18.6  | 0.0   | 38.8    |

Manual Integrations  
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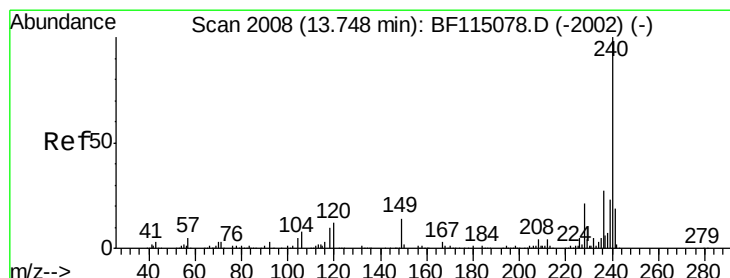


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



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#76

Chrysene-d12

Concen: 20.000 ng

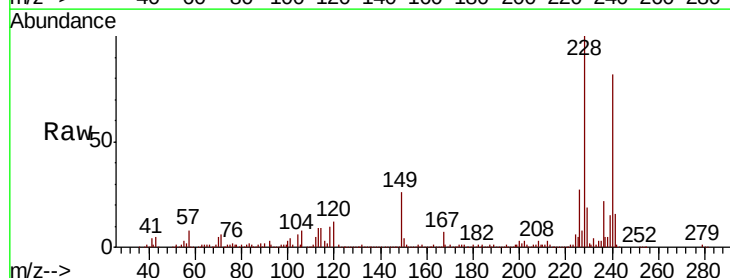
RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

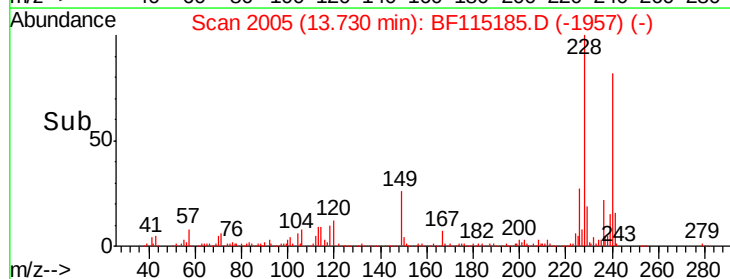
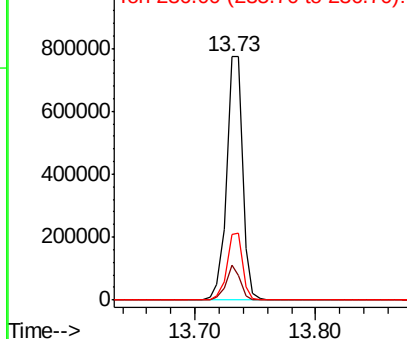
Lab File: BF115185.D

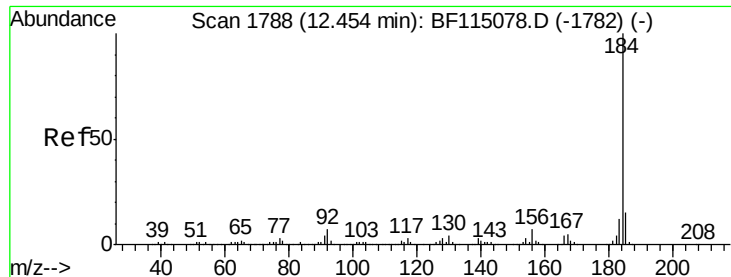
Acq: 25 Jun 2019 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 714794 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 14.2  | 9.4   | 14.2#  |
| 236       | 27.2  | 21.7  | 32.5   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.719 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

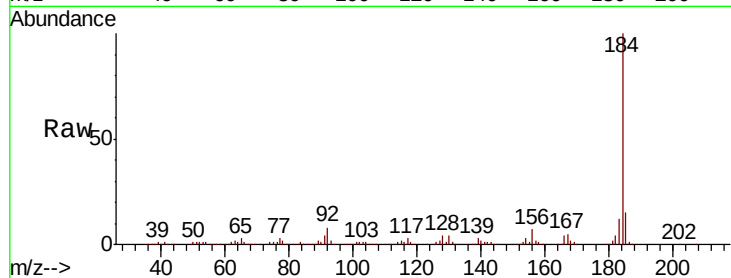
BNA\_F

ClientSampleId :

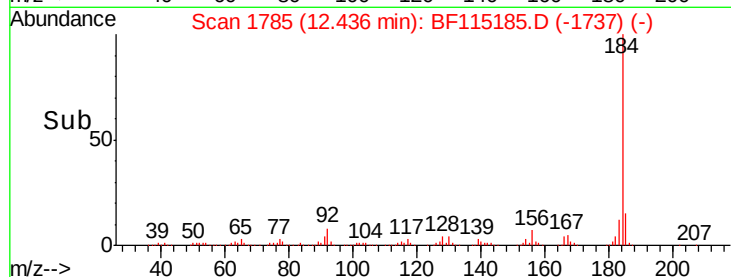
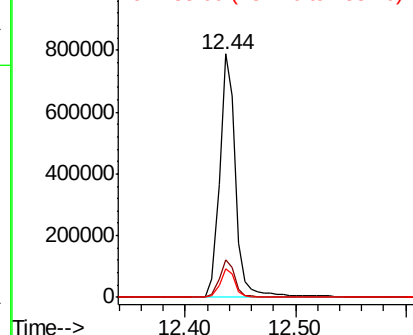
PB120851BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 784565 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.3  | 12.2  | 18.2   |
| 183       | 11.7  | 9.6   | 14.4   |

Manual Integrations  
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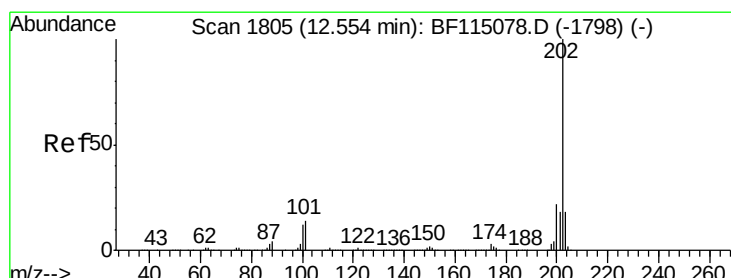


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



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#78

Pyrene

Concen: 42.983 ng

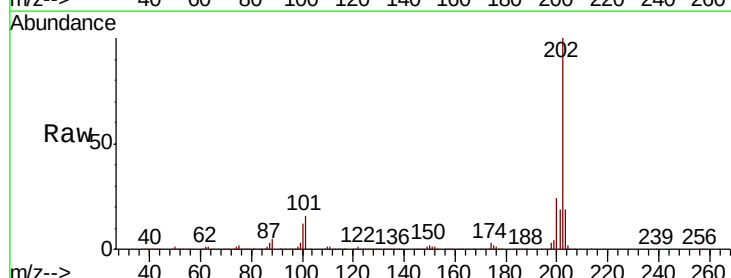
RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

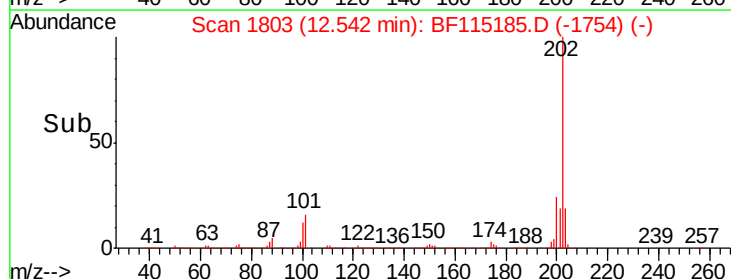
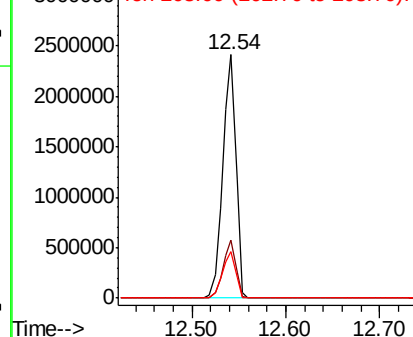
Lab File: BF115185.D

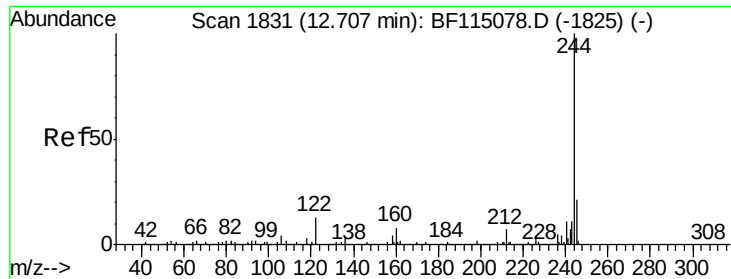
Acq: 25 Jun 2019 14:14

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2361143 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.9  | 17.9  | 26.9    |
| 203       | 19.2  | 14.6  | 21.8    |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



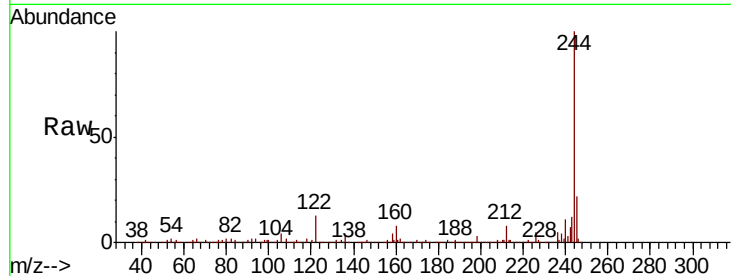


#79  
 Terphenyl-d14  
 Concen: 85.023 ng  
 RT: 12.69 min Scan# 1829  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 5.8   | 8.6   |
| 122     | 12.6  | 10.4  | 15.6  |

Manual Integrations  
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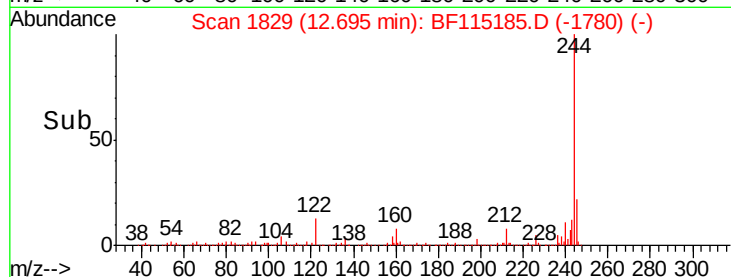
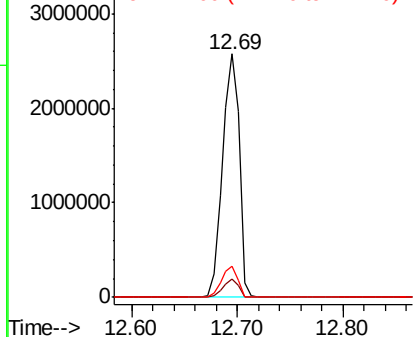


Abundance

Ion 244.00 (243.70 to 244.70): E

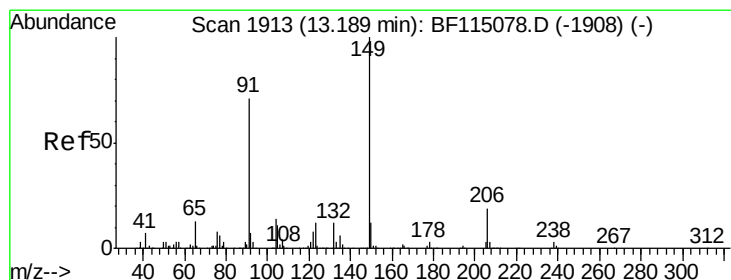
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



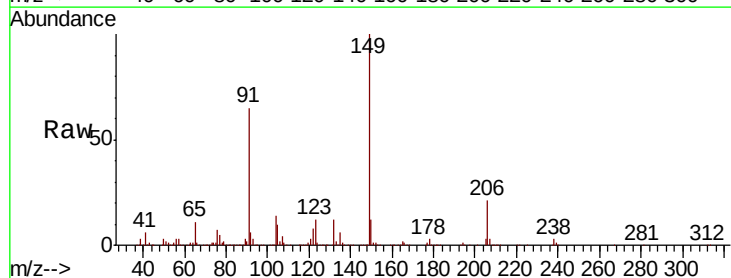
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#80  
 Butylbenzylphthalate  
 Concen: 45.348 ng  
 RT: 13.18 min Scan# 1911  
 Delta R.T. -0.01 min  
 Lab File: BF115185.D  
 Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 64.8  | 56.5  | 84.7  |
| 206     | 21.4  | 15.3  | 22.9  |

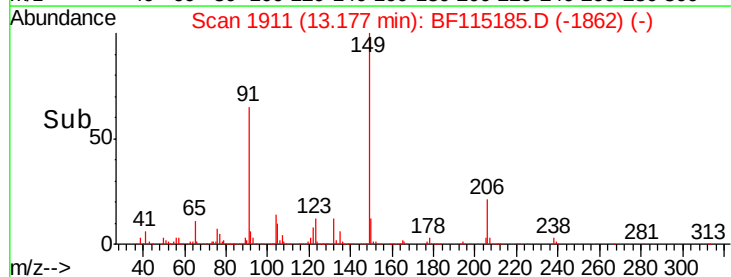
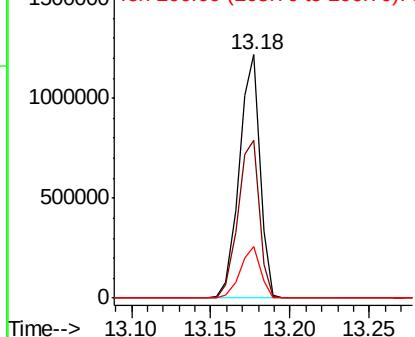


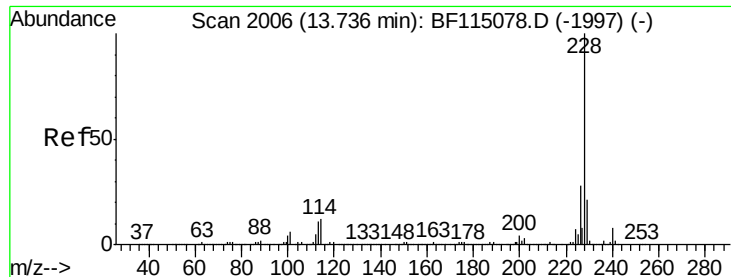
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



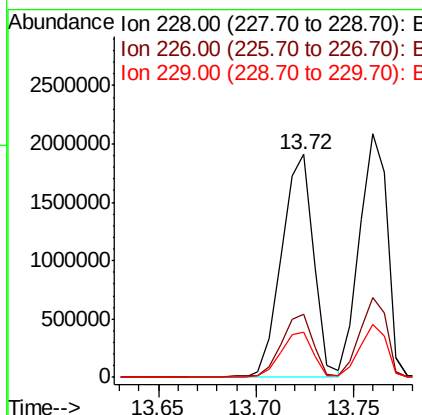
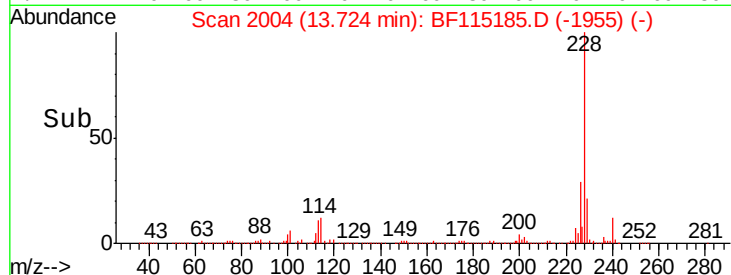
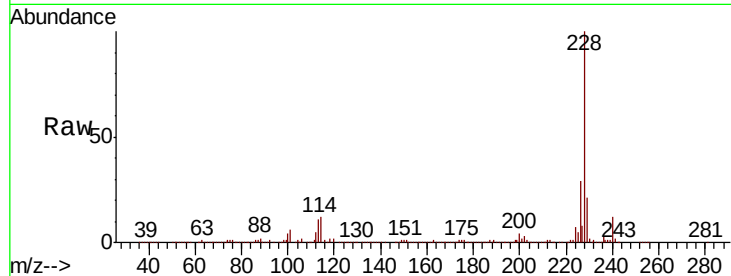


#81  
Benzo(a)anthracene  
Concen: 42.259 ng  
RT: 13.72 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

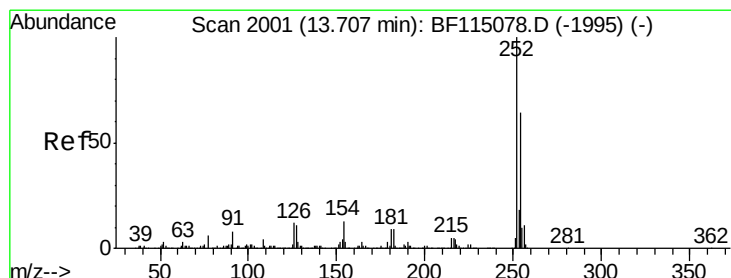
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.5  | 33.7  |
| 229     | 20.5  | 16.6  | 24.8  |

Manual Integrations  
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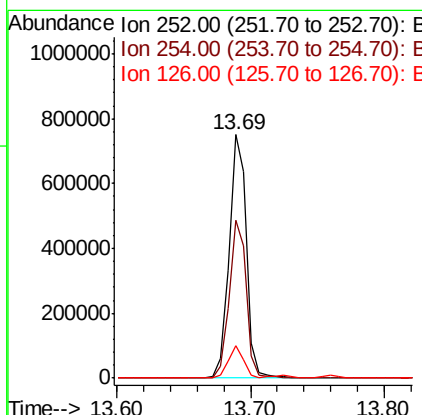
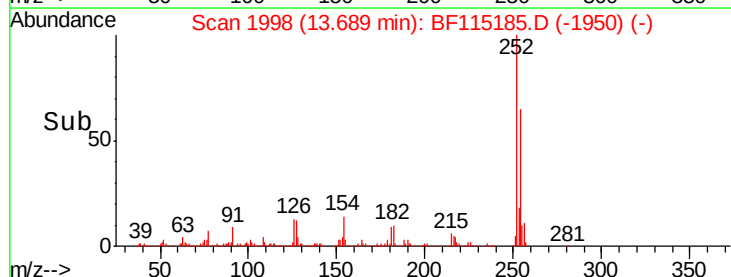
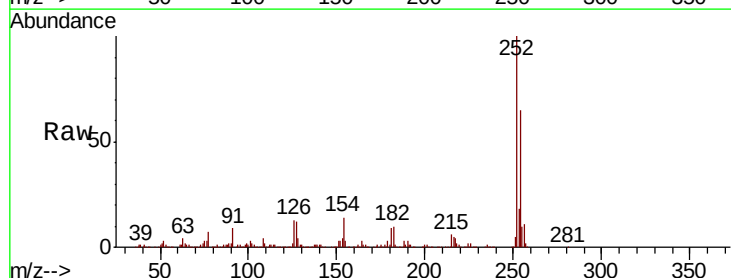
mohammad

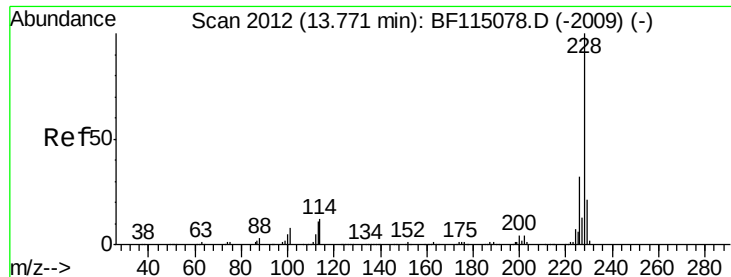
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#82  
3,3'-Dichlorobenzidine  
Concen: 36.957 ng  
RT: 13.69 min Scan# 1998  
Delta R.T. -0.02 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 51.1  | 76.7  |
| 126     | 13.4  | 9.4   | 14.0  |



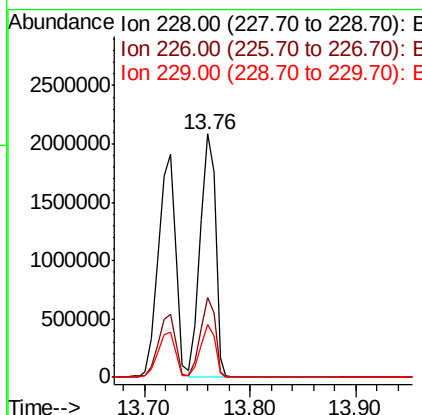
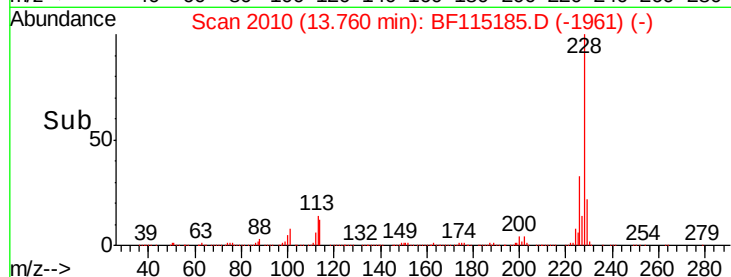
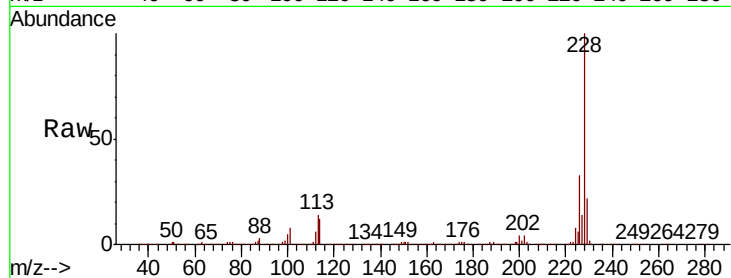


#83  
Chrysene  
Concen: 44.029 ng  
RT: 13.76 min Scan# 2010  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

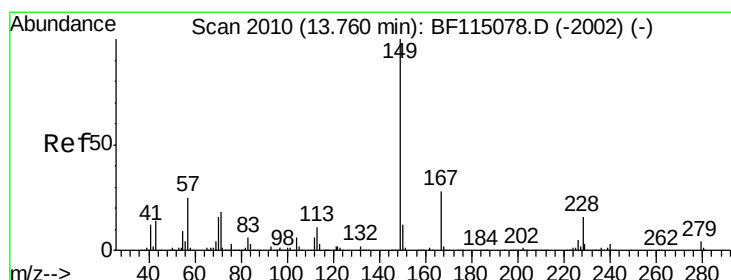
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.6  | 25.4  | 38.0  |
| 229     | 21.6  | 16.5  | 24.7  |

Manual Integrations  
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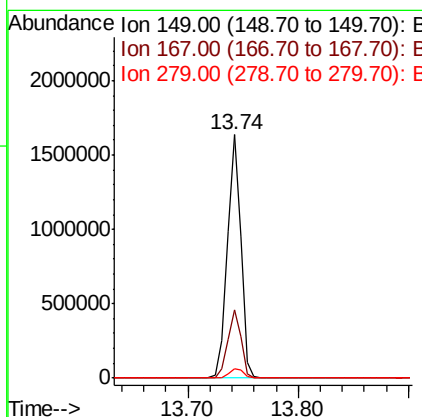
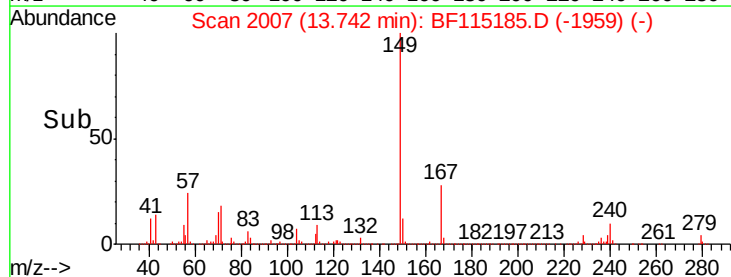
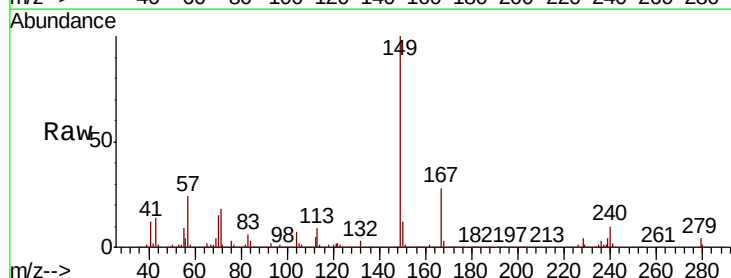
mohammad

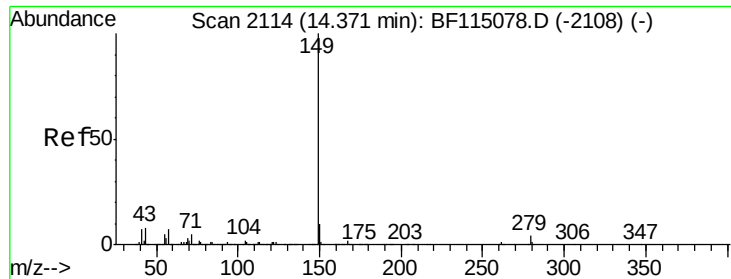
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.275 ng  
RT: 13.74 min Scan# 2007  
Delta R.T. -0.02 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.2  | 33.4  |
| 279     | 4.0   | 2.9   | 4.3   |





#85

Di-n-octyl phthalate

Concen: 45.297 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115185.D

Acq: 25 Jun 2019 14:14

Instrument :

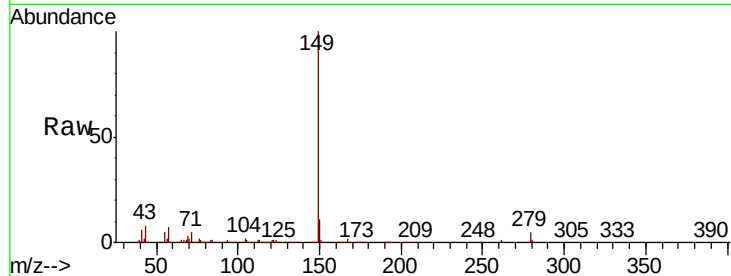
BNA\_F

ClientSampleId :

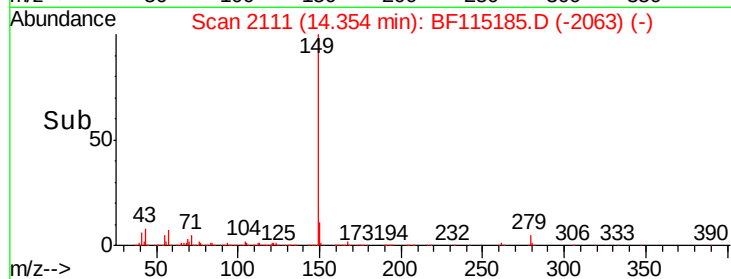
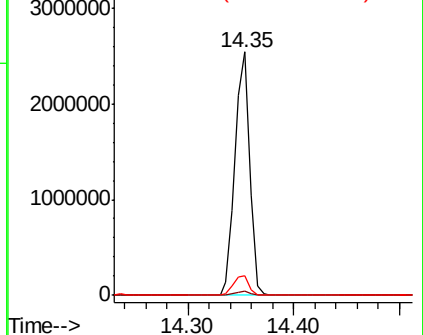
PB120851BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 2417549 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.7   | 1.2   | 1.8     |
| 43       | 8.6   | 7.0   | 10.6    |

Manual Integrations  
APPROVED

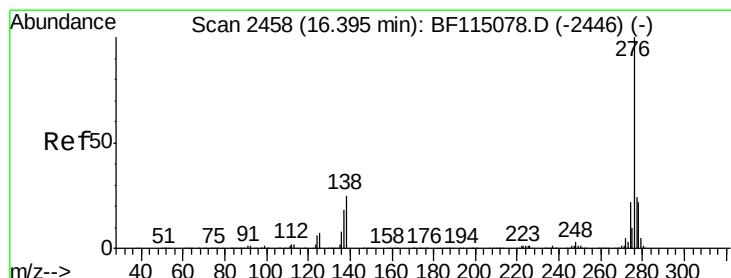


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1



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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.850 ng

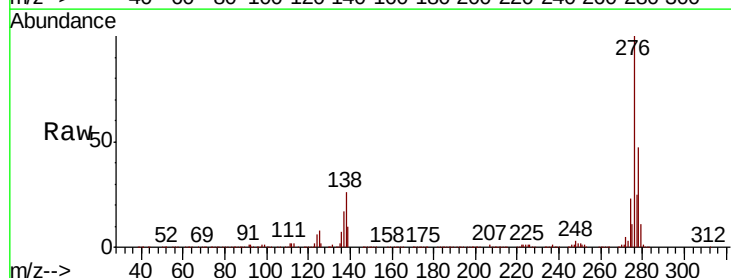
RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

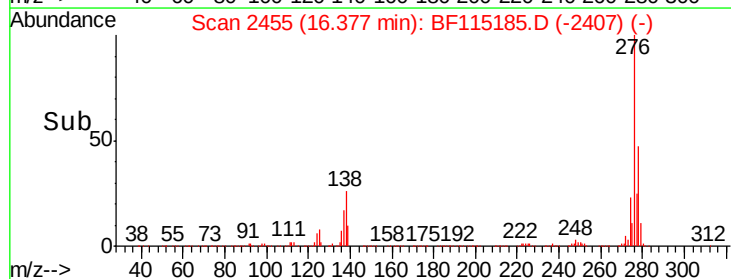
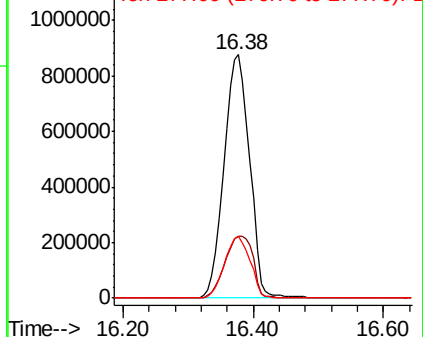
Lab File: BF115185.D

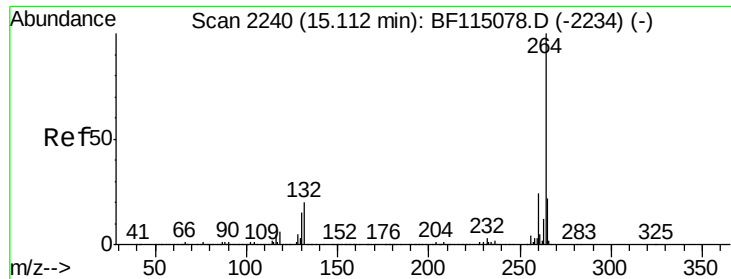
Acq: 25 Jun 2019 14:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 2382159 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 138      | 28.1  | 23.2  | 34.8    |
| 277      | 25.5  | 20.1  | 30.1    |



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



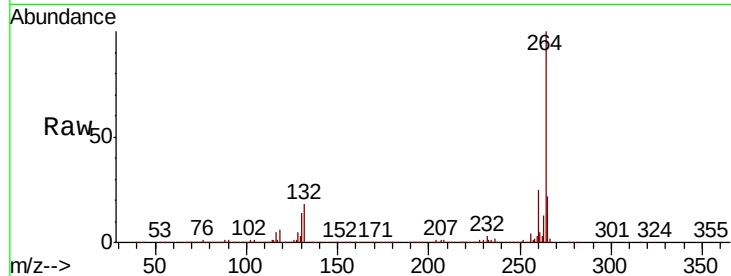


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.10 min Scan# 2238  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

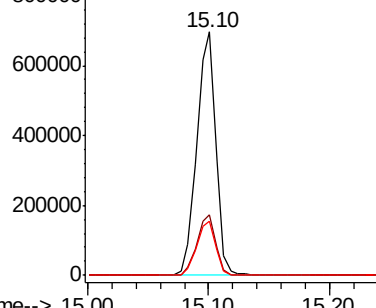
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 756554 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.7  | 19.6  | 29.4   |
| 265       | 22.0  | 17.3  | 25.9   |

Manual Integrations  
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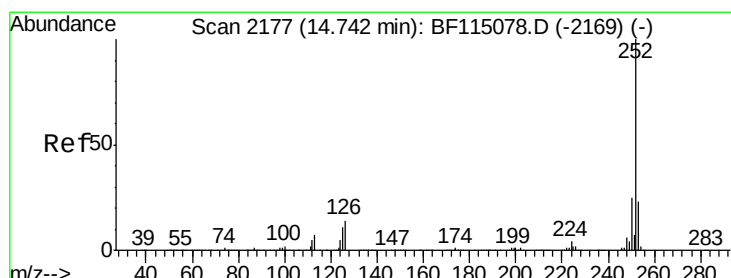
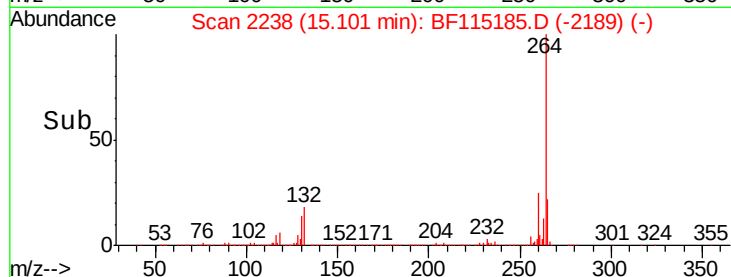


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



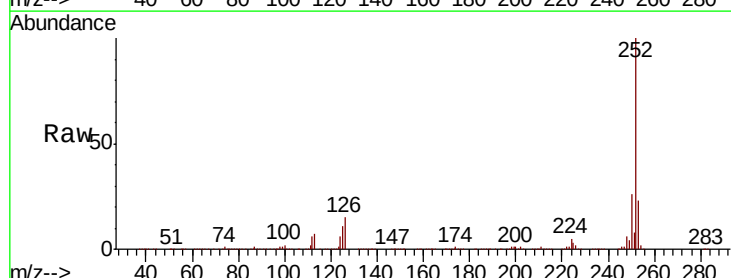
mohammad

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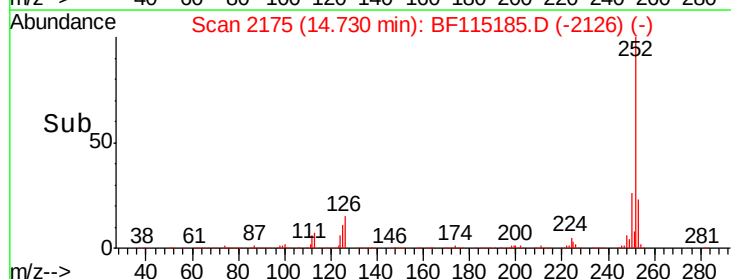
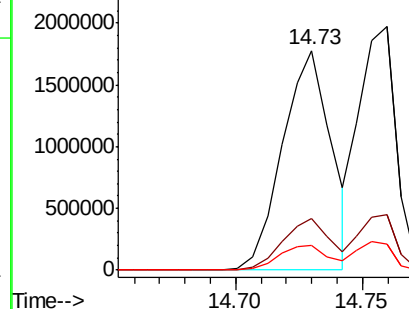


#88  
Benzo(b)fluoranthene  
Concen: 50.255 ng  
RT: 14.73 min Scan# 2175  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

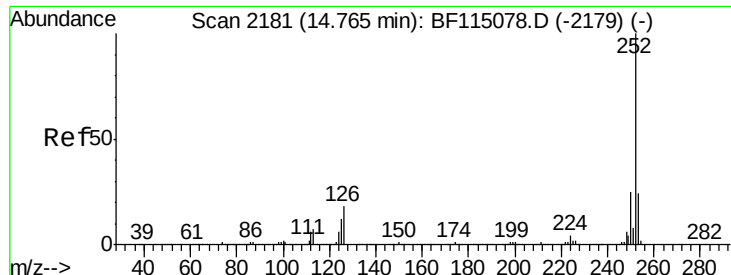
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 2372387 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.3  | 18.1  | 27.1    |
| 125       | 11.2  | 8.7   | 13.1    |



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





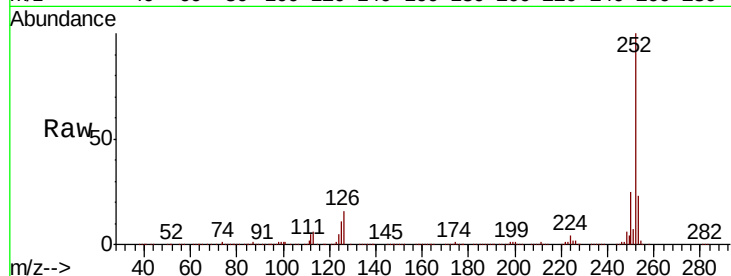


#89  
Benzo(k)fluoranthene  
Concen: 47.681 ng  
RT: 14.76 min Scan# 2180  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

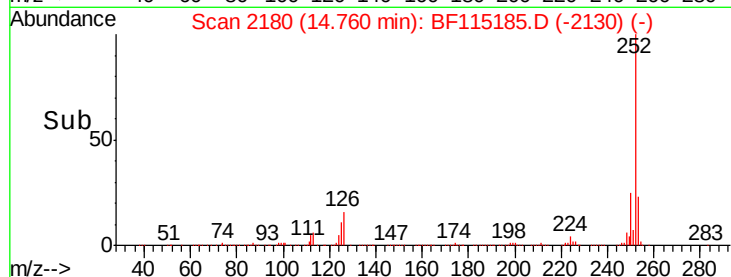
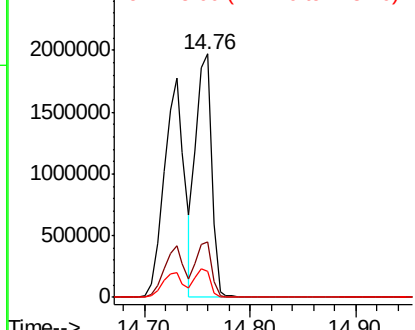
Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.9  | 28.3  |
| 125     | 10.5  | 10.2  | 15.2  |

Manual Integrations  
APPROVED

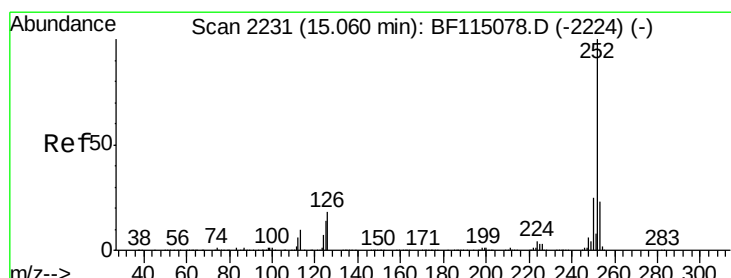


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



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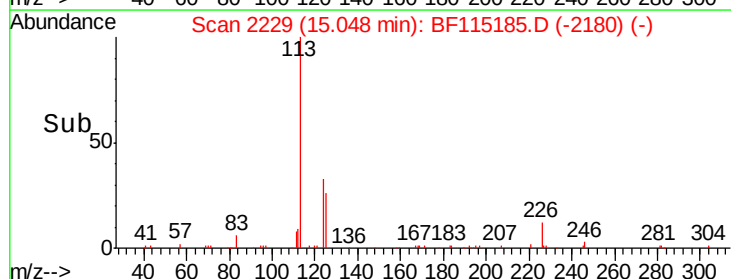
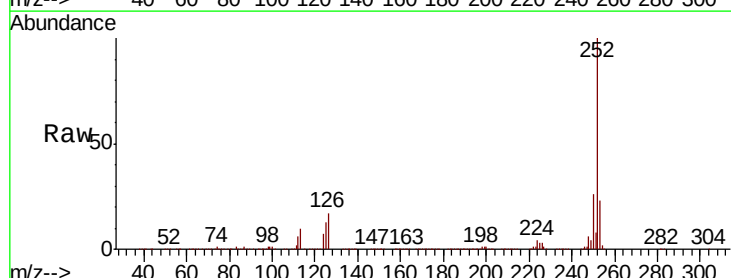
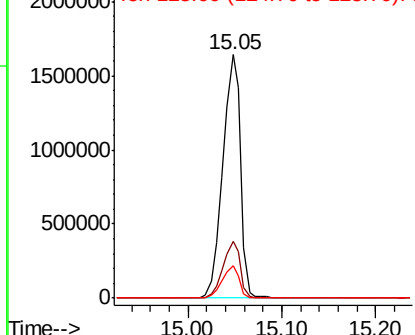
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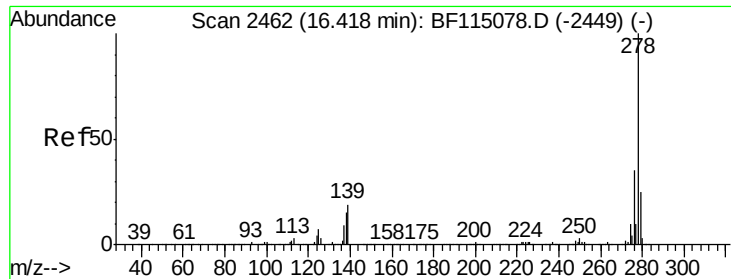


#90  
Benzo(a)pyrene  
Concen: 50.829 ng  
RT: 15.05 min Scan# 2229  
Delta R.T. -0.01 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 18.3  | 27.5  |
| 125     | 13.2  | 10.9  | 16.3  |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



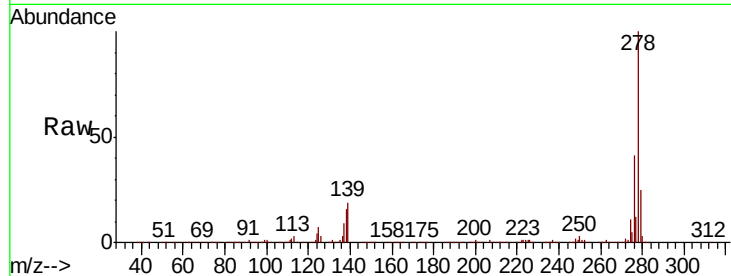


#91  
Dibenzo(a,h)anthracene  
Concen: 49.372 ng  
RT: 16.39 min Scan# 2458  
Delta R.T. -0.02 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB120851BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.7  | 15.4  | 23.2  |
| 279     | 24.7  | 19.9  | 29.9  |

Manual Integrations  
APPROVED

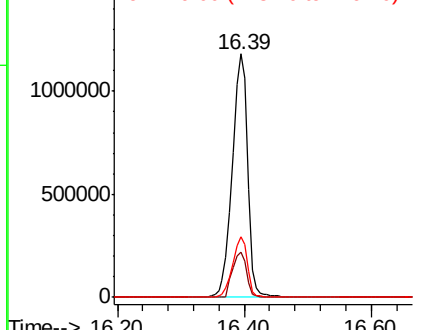


Abundance

Ion 278.00 (277.70 to 278.70): E

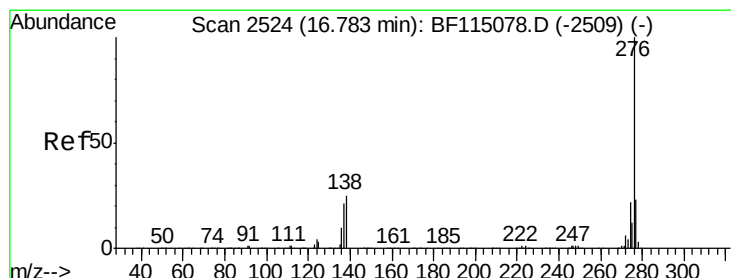
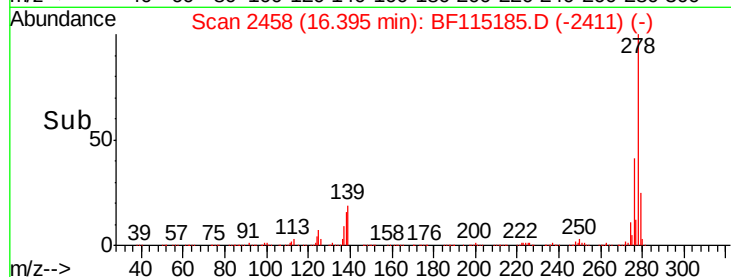
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



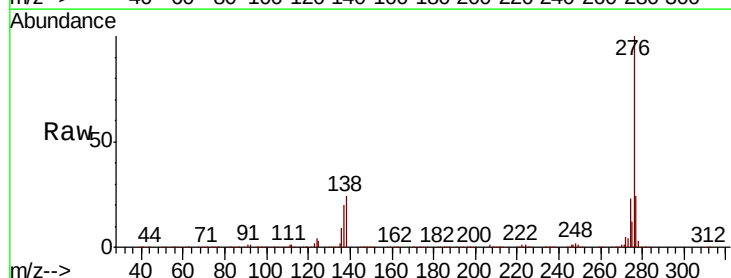
mohammad

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#92  
Benzo(g,h,i)perylene  
Concen: 49.362 ng  
RT: 16.76 min Scan# 2520  
Delta R.T. -0.02 min  
Lab File: BF115185.D  
Acq: 25 Jun 2019 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 18.6  | 28.0  |
| 138     | 23.9  | 19.8  | 29.6  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

