

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\  
 Data File : BF118924.D  
 Acq On : 13 Feb 2020 17:28  
 Operator : CG/JU  
 Sample : L1493-07MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

Manual Integrations  
 APPROVED

mohammad  
 2/17/2020 3:46:03 PM

Quant Time: Feb 14 01:06:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 03 16:26:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 227410   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.07  | 136  | 620589   | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 9.83  | 164  | 337708   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.32 | 188  | 810171   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 13.96 | 240  | 530781   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.39 | 264  | 492050   | 20.00 | ng    | -0.04    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.43  | 112 | 1560989 | 129.93 | ng | 0.00  |
| 7) Phenol-d6                | 6.44  | 99  | 1787732 | 119.88 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.36  | 82  | 994319  | 95.50  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330 | 558436  | 138.20 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 9.15  | 172 | 1964705 | 104.00 | ng | -0.03 |
| 79) Terphenyl-d14           | 12.90 | 244 | 3154092 | 122.06 | ng | -0.03 |

|                                |      |     |         |        |        |      |
|--------------------------------|------|-----|---------|--------|--------|------|
| Target Compounds               |      |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.69 | 88  | 248257  | 45.344 | ng     | # 86 |
| 3) Pyridine                    | 3.40 | 79  | 585099  | 38.486 | ng     | 99   |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 287686  | 51.974 | ng     | 98   |
| 6) Aniline                     | 6.46 | 93  | 195075  | 10.156 | ng     | # 1  |
| 8) 2-Chlorophenol              | 6.59 | 128 | 720114  | 53.816 | ng     | 99   |
| 9) Benzaldehyde                | 6.35 | 77  | 275048  | 29.147 | ng     | 99   |
| 10) Phenol                     | 6.45 | 94  | 708955  | 42.754 | ng     | 99   |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 678866  | 53.511 | ng     | 99   |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 715990  | 44.952 | ng     | 98   |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 725416  | 45.659 | ng     | 98   |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 671928  | 44.273 | ng     | 99   |
| 15) Benzyl Alcohol             | 6.94 | 79  | 580518  | 50.360 | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 741590  | 47.734 | ng     | 96   |
| 17) 2-Methylphenol             | 7.06 | 107 | 545799  | 49.061 | ng     | 99   |
| 18) Hexachloroethane           | 7.31 | 117 | 185259  | 32.489 | ng     | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 403285  | 44.197 | ng     | 99   |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 594277  | 42.617 | ng     | 95   |
| 22) Acetophenone               | 7.20 | 105 | 813114  | 60.306 | ng     | 97   |
| 24) Nitrobenzene               | 7.37 | 77  | 525458  | 50.519 | ng     | 99   |
| 25) Isophorone                 | 7.62 | 82  | 927224  | 49.552 | ng     | 99   |
| 26) 2-Nitrophenol              | 7.69 | 139 | 286875  | 51.760 | ng     | 98   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 435031  | 57.782 | ng     | 97   |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 580609  | 47.851 | ng     | 98   |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 449817  | 49.889 | ng     | 99   |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 495026  | 46.972 | ng     | 99   |
| 31) Naphthalene                | 8.10 | 128 | 1465620 | 51.637 | ng     | 99   |
| 32) Benzoic acid               | 7.85 | 122 | 120035  | 19.256 | ng     | 94   |
| 33) 4-Chloroaniline            | 8.15 | 127 | 58733   | 4.625  | ng     | 98   |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 291742  | 45.184 | ng     | 99   |
| 35) Caprolactam                | 8.52 | 113 | 116826m | 39.969 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 456848  | 50.348 | ng     | 99   |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 1017325 | 51.680 | ng     | 98   |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 948259  | 51.207 | ng     | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 498730  | 48.932 | ng     | 99   |

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 Sample : L1493-07MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

Manual Integrations  
 APPROVED

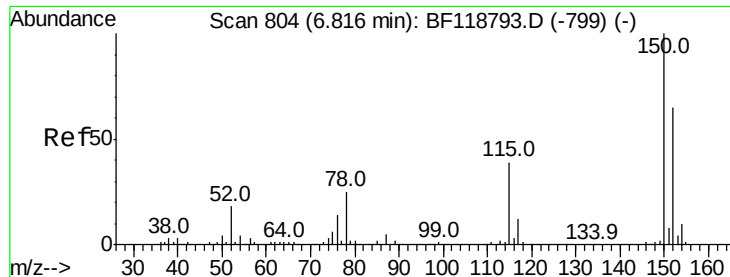
mohammad  
 2/17/2020 3:46:03 PM

Quant Time: Feb 14 01:06:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 03 16:26:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 338002   | 84.573 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 326426   | 47.894 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 355050   | 50.983 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.25  | 154  | 1207352  | 51.683 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.28  | 162  | 983881   | 50.662 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.37  | 65   | 269039   | 48.032 | nq    | 98       |
| 49) Acenaphthylene             | 9.69  | 152  | 1520125  | 54.211 | nq    | 99       |
| 50) Dimethylphthalate          | 9.56  | 163  | 1160505  | 50.468 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 272502   | 51.792 | nq    | 100      |
| 52) Acenaphthene               | 9.86  | 154  | 880526   | 47.653 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.78  | 138  | 42443    | 7.274  | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 9.90  | 184  | 122415   | 48.398 | nq    | 93       |
| 55) Dibenzofuran               | 10.04 | 168  | 1346061  | 50.408 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.96  | 139  | 356663   | 84.455 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 355727   | 51.089 | nq    | # 87     |
| 58) Fluorene                   | 10.38 | 166  | 1037030  | 51.621 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 301009   | 49.493 | nq    | 99       |
| 60) Diethylphthalate           | 10.26 | 149  | 1094164  | 48.935 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 534534   | 49.063 | nq    | 97       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 243524   | 41.675 | nq    | 98       |
| 63) Azobenzene                 | 10.53 | 77   | 969149   | 50.769 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 141889   | 31.168 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.49 | 169  | 957033   | 40.781 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 490338   | 51.162 | nq    | 99       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 523849   | 47.654 | nq    | 98       |
| 69) Atrazine                   | 11.02 | 200  | 452960   | 57.935 | nq    | 97       |
| 70) Pentachlorophenol          | 11.13 | 266  | 496541   | 85.546 | nq    | 99       |
| 71) Phenanthrene               | 11.34 | 178  | 1988032  | 49.873 | nq    | 99       |
| 72) Anthracene                 | 11.39 | 178  | 2057836  | 51.893 | nq    | 99       |
| 73) Carbazole                  | 11.54 | 167  | 2003631  | 57.573 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.87 | 149  | 2234742  | 50.408 | nq    | 100      |
| 75) Fluoranthene               | 12.53 | 202  | 2362206  | 54.276 | nq    | 98       |
| 77) Benzidine                  | 12.64 | 184  | 704504   | 43.884 | nq    | 98       |
| 78) Pyrene                     | 12.76 | 202  | 2382984  | 65.443 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 730817   | 43.972 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.94 | 228  | 1567941  | 49.643 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.90 | 252  | 108568   | 8.404  | nq    | 97       |
| 83) Chrysene                   | 13.98 | 228  | 1521251  | 47.989 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 937371   | 44.455 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 1585721  | 43.898 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.83 | 276  | 1472823  | 46.243 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.98 | 252  | 1497009  | 49.030 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.01 | 252  | 1460259  | 54.922 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.34 | 252  | 1323544  | 50.652 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.84 | 278  | 1212448  | 52.268 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.26 | 276  | 1250177  | 56.041 | nq    | 99       |

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





#1

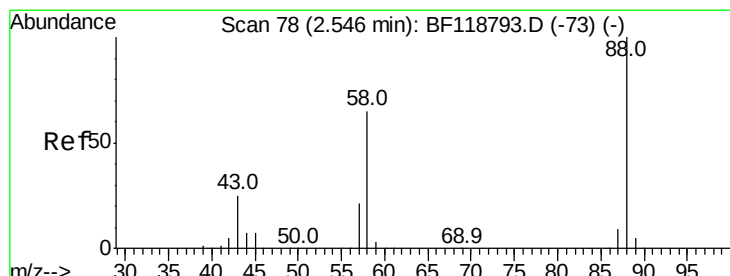
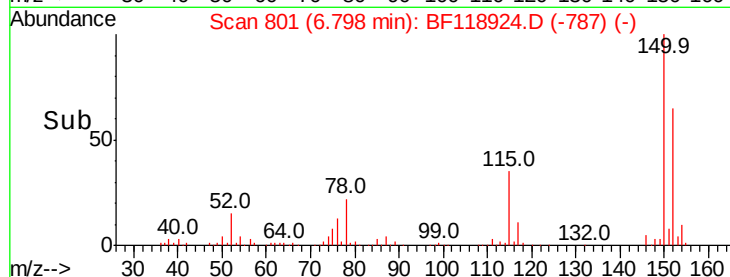
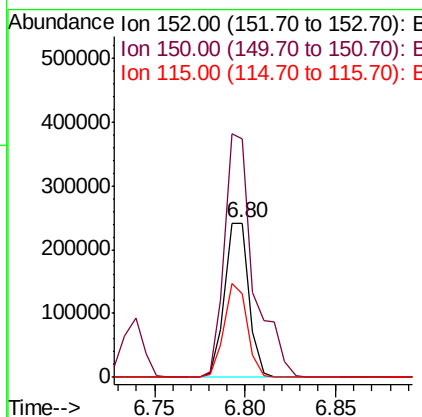
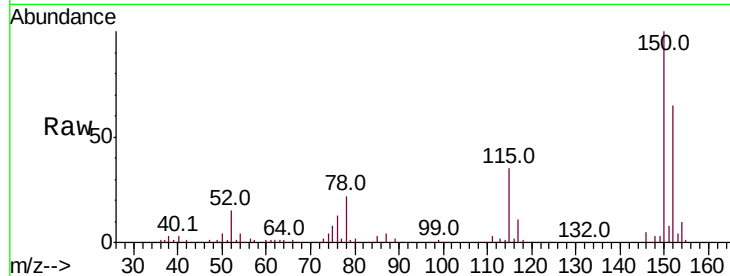
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 123.6 | 185.4 |
| 115     | 54.3  | 48.2  | 72.2  |

Manual Integrations  
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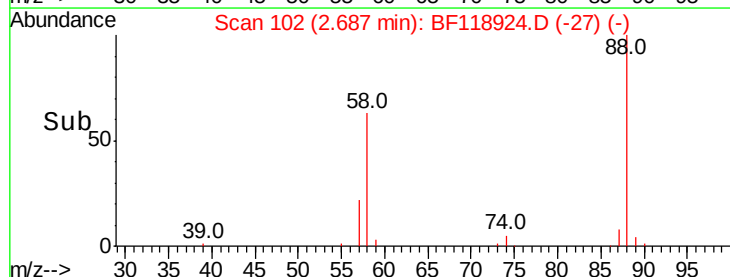
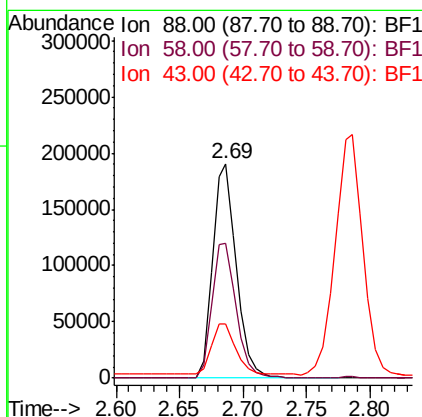
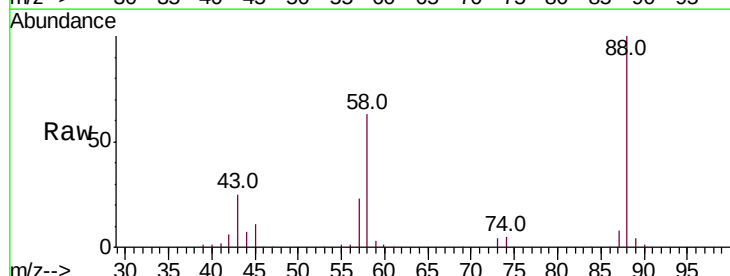
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2/17/2020 3:46:03 PM

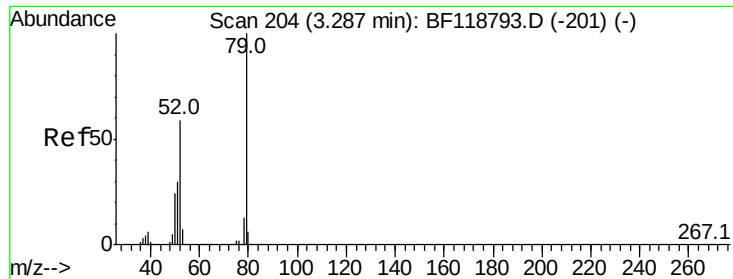


#2

1,4-Dioxane  
Concen: 45.344 ng  
RT: 2.69 min Scan# 102  
Delta R.T. 0.14 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.0  | 51.6  | 77.4  |
| 43      | 0.0   | 19.8  | 29.6  |





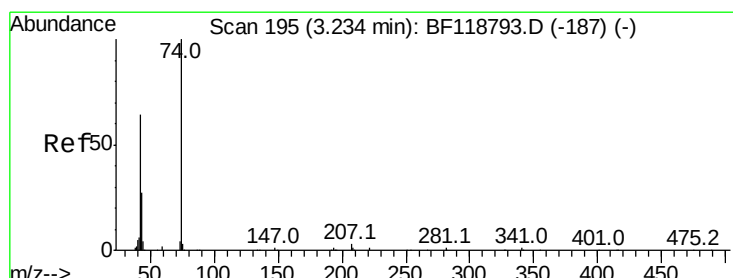
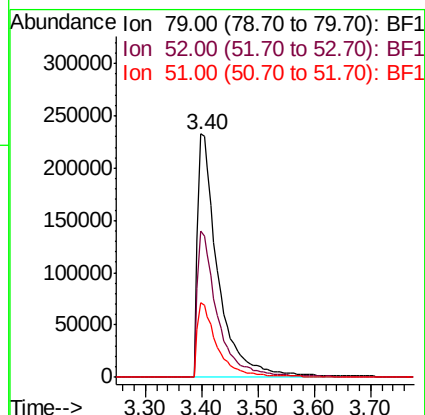
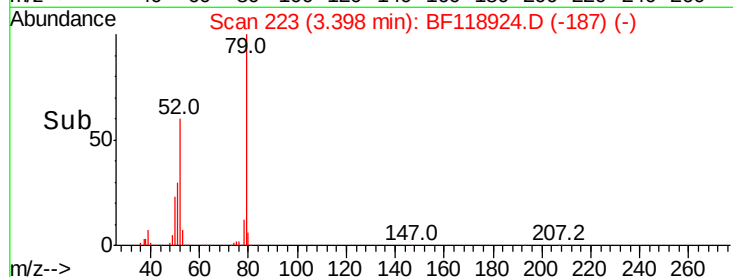
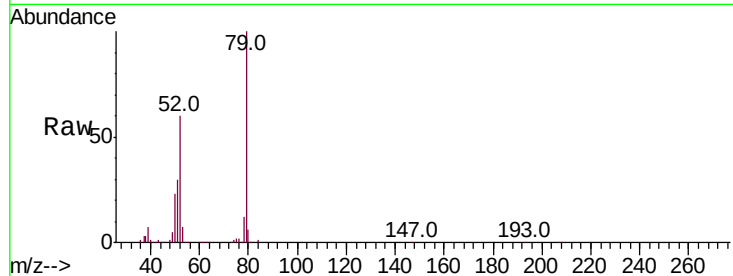
#3  
Pvridine  
Concen: 38.486 ng  
RT: 3.40 min Scan# 223  
Delta R.T. 0.11 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 60.0  | 47.4  | 71.0  |
| 51      | 30.5  | 24.2  | 36.4  |

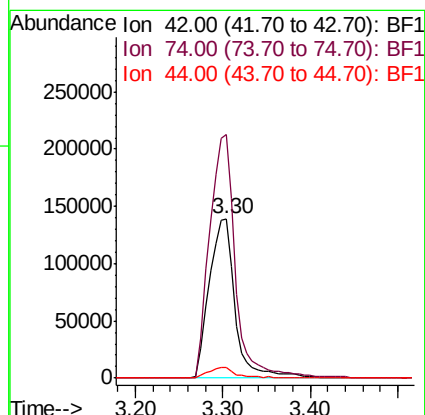
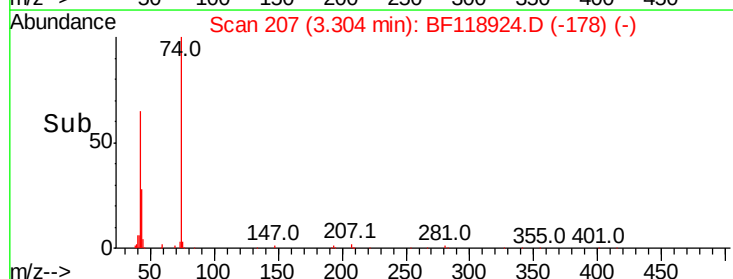
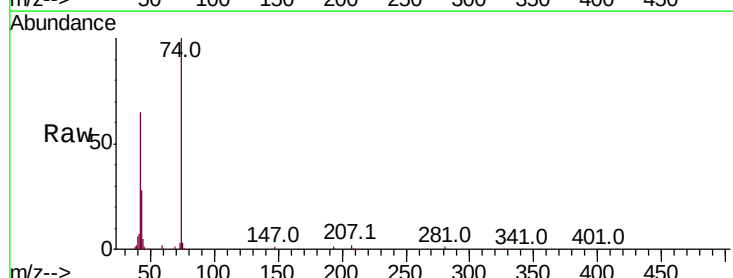
Manual Integrations  
APPROVED

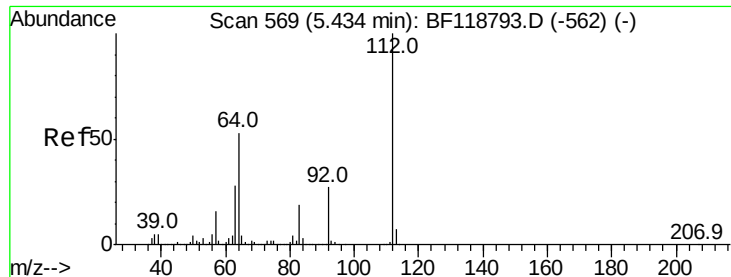
mohammad  
2/17/2020 3:46:03 PM



#4  
n-Nitrosodimethylamine  
Concen: 51.974 ng  
RT: 3.30 min Scan# 207  
Delta R.T. 0.07 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 152.9 | 124.3 | 186.5 |
| 44      | 6.9   | 5.3   | 7.9   |





#5

2-Fluorophenol

Concen: 129.934 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

ClientSampleId :

2S-SECTION-FMS

Tot Ion:112 Resp: 1560989

Ion Ratio Lower Upper

112 100

64 57.6 42.6 63.8

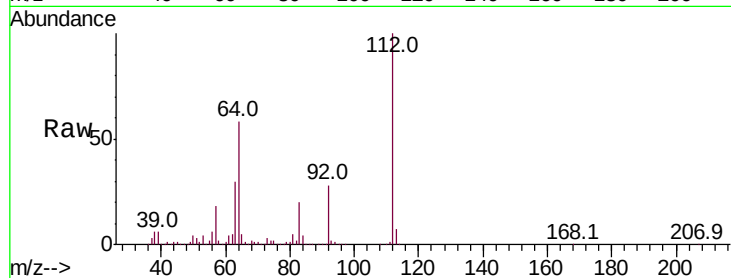
63 30.3 22.2 33.4

Manual Integrations

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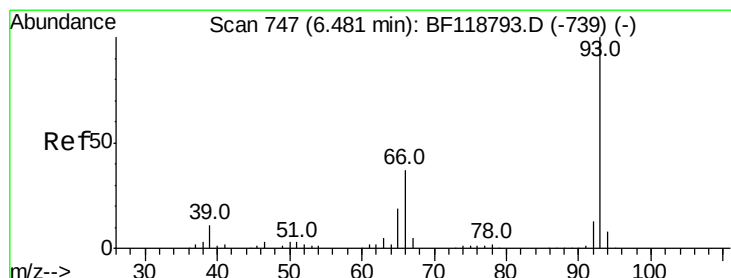
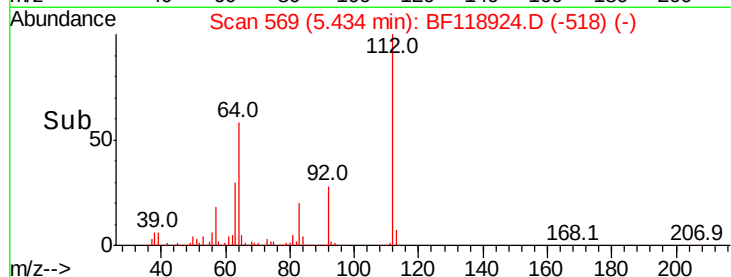
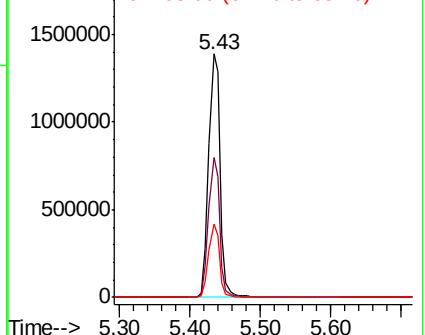
2/17/2020 3:46:03 PM



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



#6

Aniline

Concen: 10.156 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

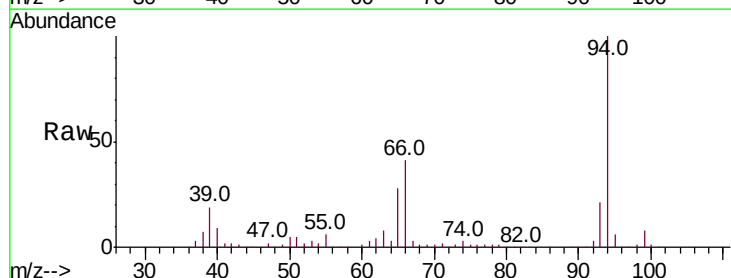
Tgt Ion: 93 Resp: 195075

Ion Ratio Lower Upper

93 100

66 191.2 30.8 46.2#

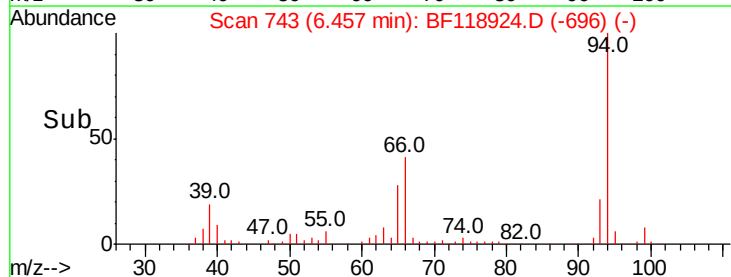
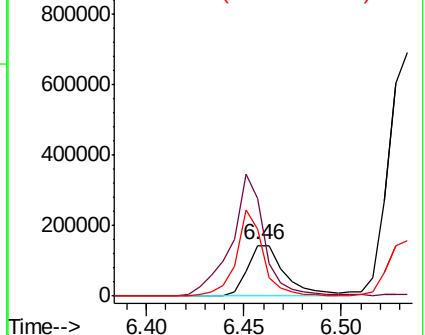
65 131.7 15.4 23.0#

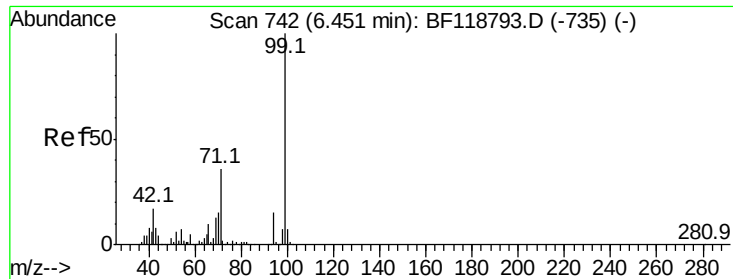


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.876 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

ClientSampleId :

2S-SECTION-FMS

Tot Ion: 99 Resp: 1787732

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.0

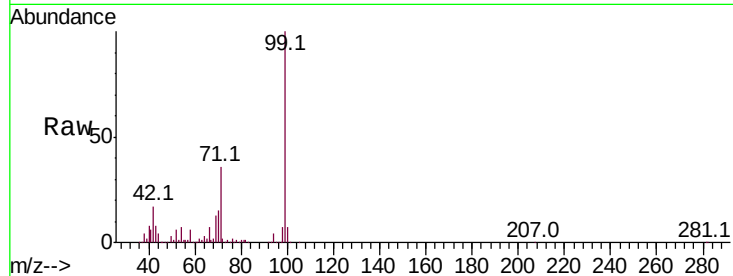
71 36.0 29.0 43.6

Manual Integrations

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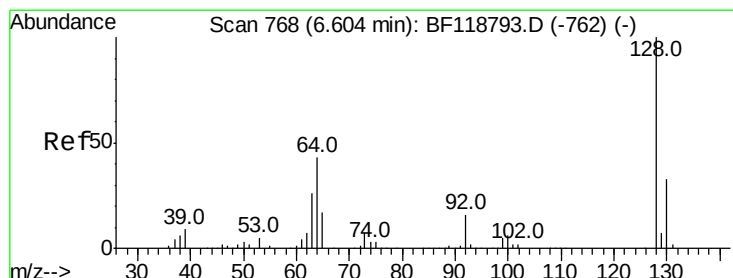
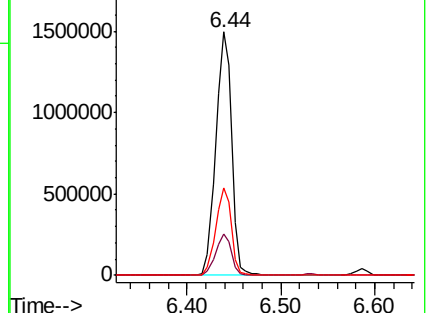
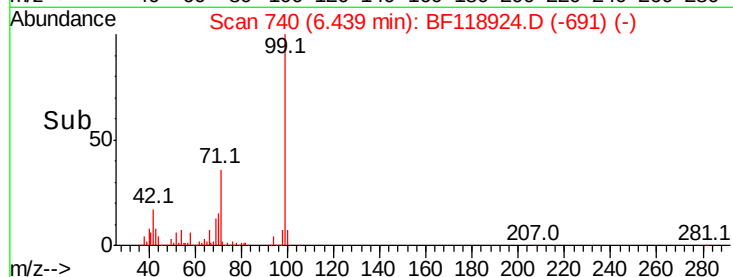
2/17/2020 3:46:03 PM



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



#8

2-Chlorophenol

Concen: 53.816 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

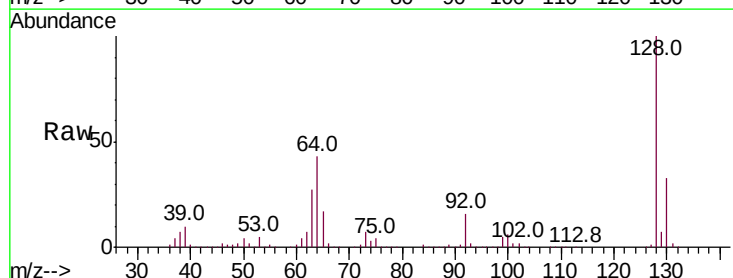
Tgt Ion: 128 Resp: 720114

Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

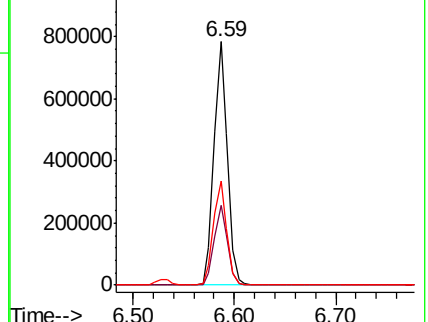
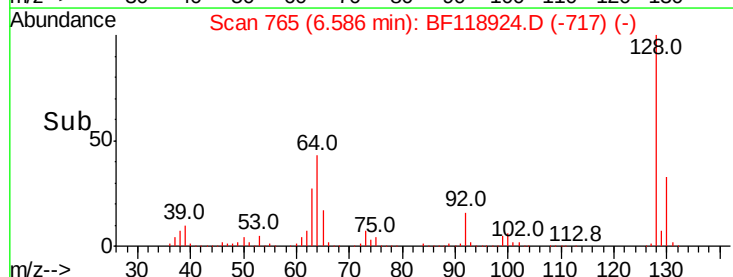
64 42.6 23.0 63.0



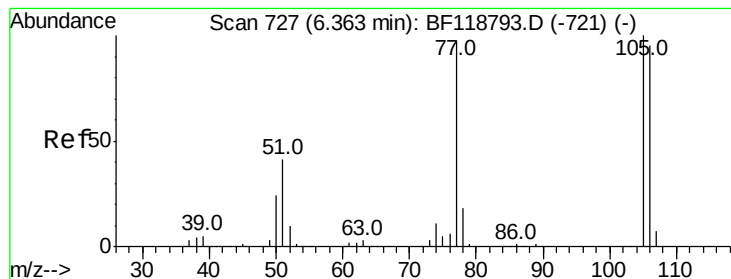
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 29.147 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

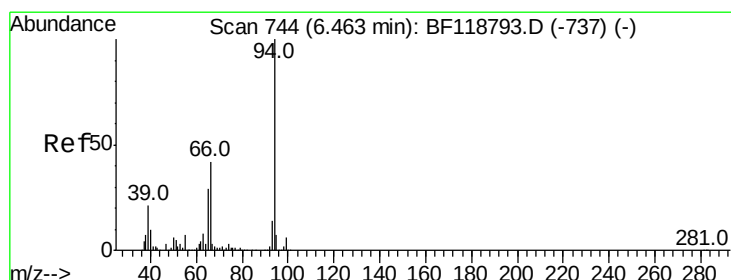
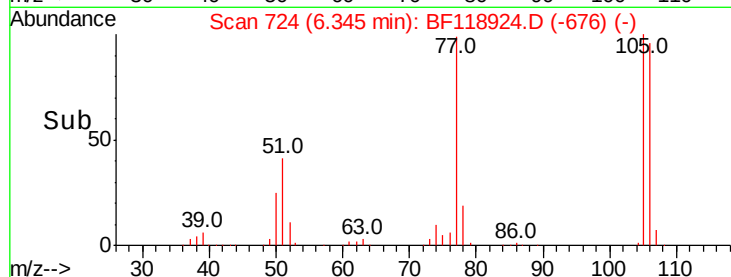
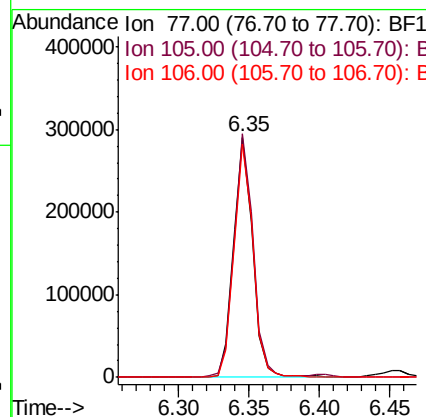
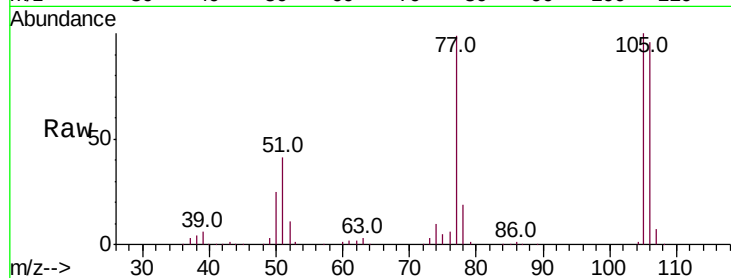
ClientSampleId :

2S-SECTION-FMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 275048 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 101.3 | 82.8  | 122.8  |
| 106      | 97.3  | 78.1  | 118.1  |

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#10

Phenol

Concen: 42.754 ng

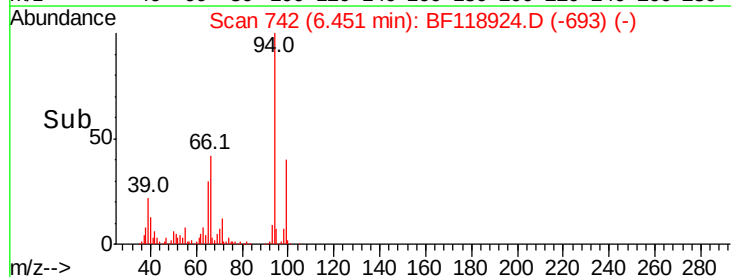
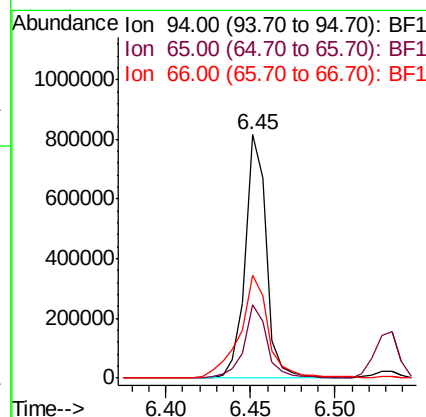
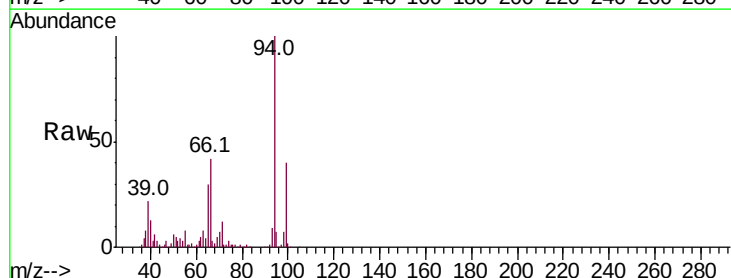
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

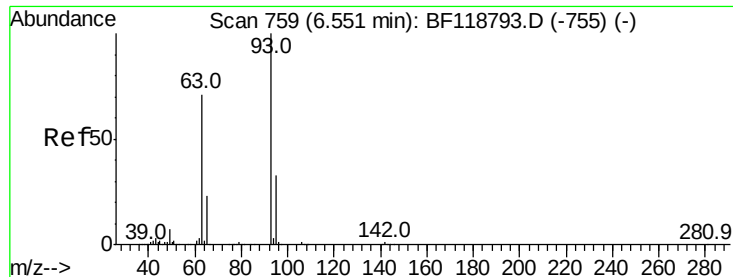
Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 708955 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.9  | 9.1   | 49.1   |
| 66       | 42.3  | 21.7  | 61.7   |







#11

bis(2-Chloroethyl)ether

Concen: 53.511 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

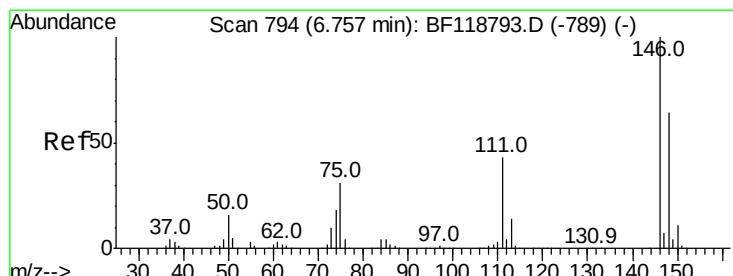
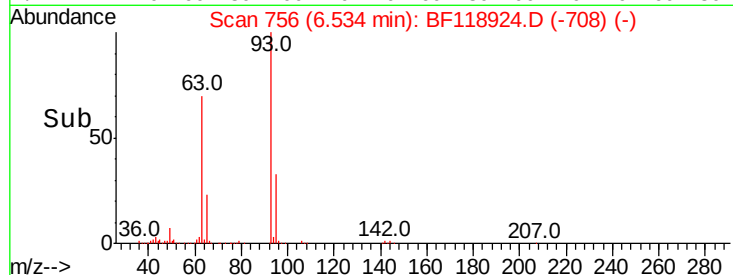
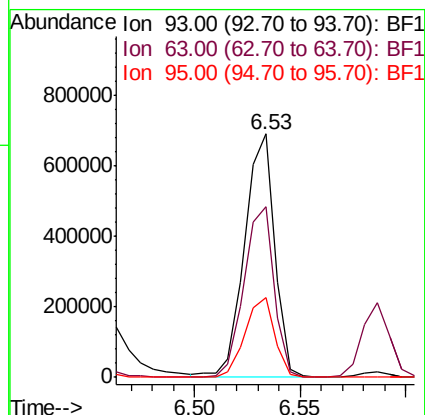
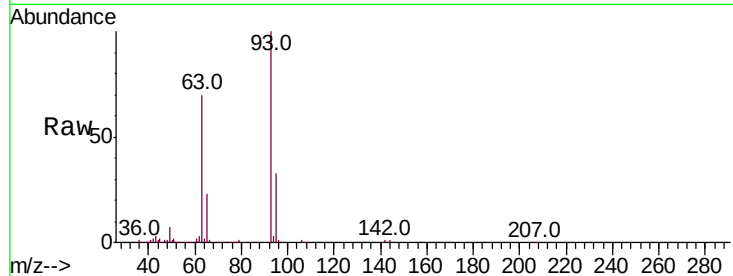
ClientSampleId :

2S-SECTION-FMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 678866 |       |       |
| 63      | 69.9  | 50.7   | 90.7  |       |
| 95      | 33.0  | 12.6   | 52.6  |       |

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 44.952 ng

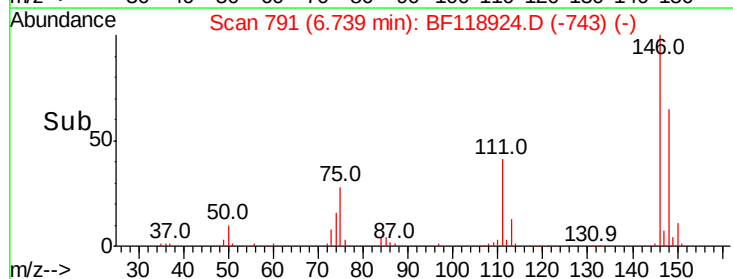
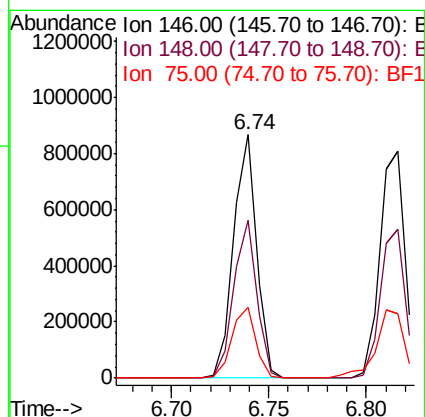
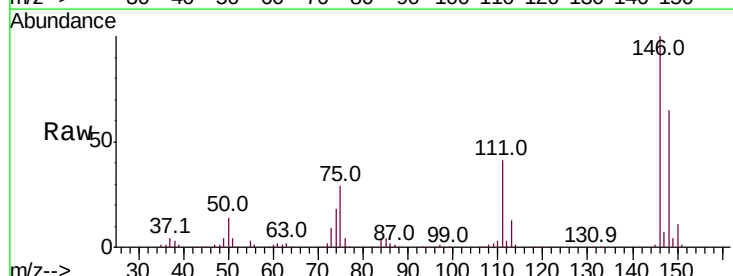
RT: 6.74 min Scan# 791

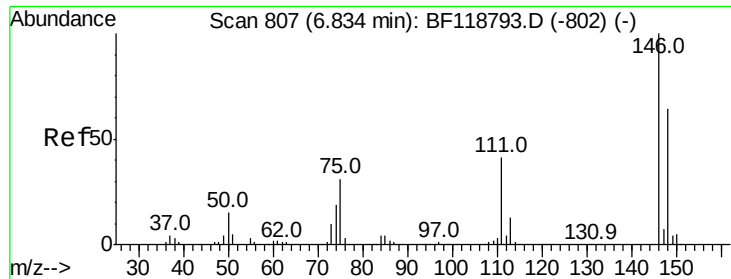
Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 715990 |       |       |
| 148     | 64.9  | 51.1   | 76.7  |       |
| 75      | 29.2  | 25.0   | 37.4  |       |





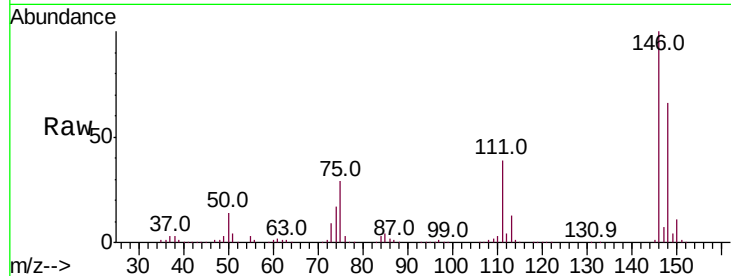
#13  
 1,4-Dichlorobenzene  
 Concen: 45.659 ng  
 RT: 6.82 min Scan# 804  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 51.6  | 77.4  |
| 111     | 39.2  | 32.9  | 49.3  |

Manual Integrations  
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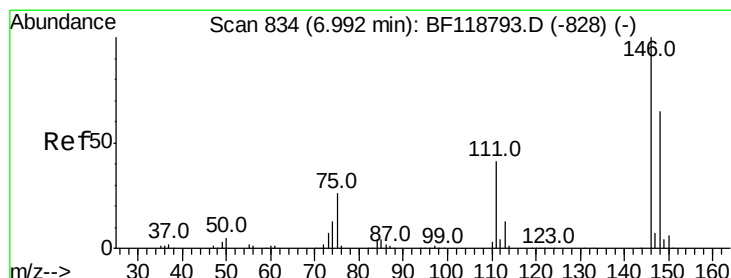
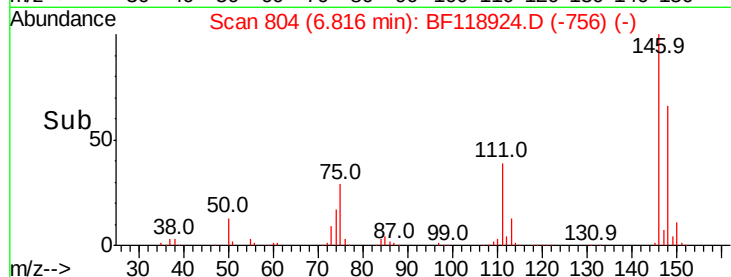
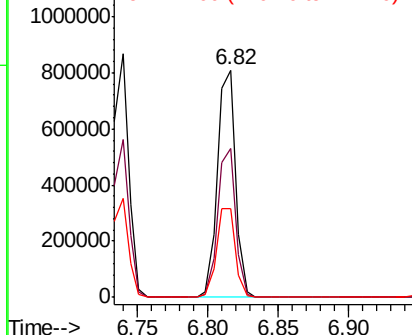


Abundance

Ion 146.00 (145.70 to 146.70): E

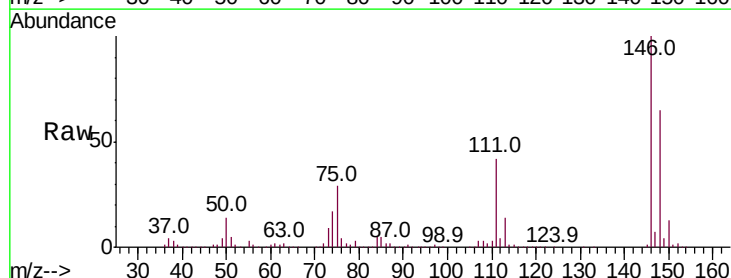
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 44.273 ng  
 RT: 6.97 min Scan# 830  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.6  | 77.4  |
| 111     | 42.3  | 32.7  | 49.1  |

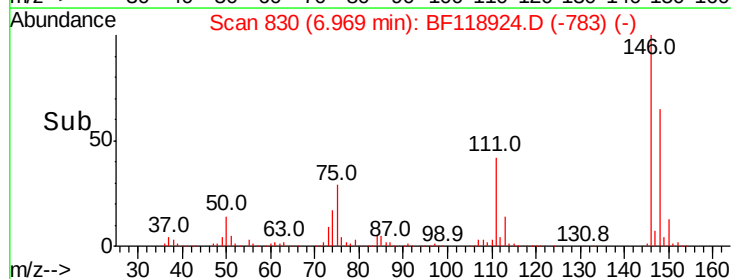
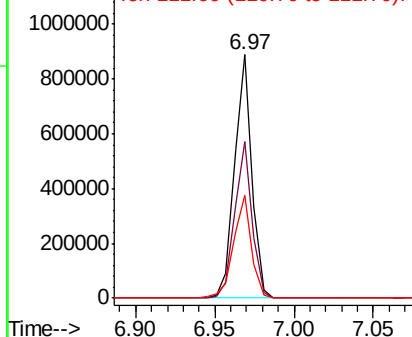


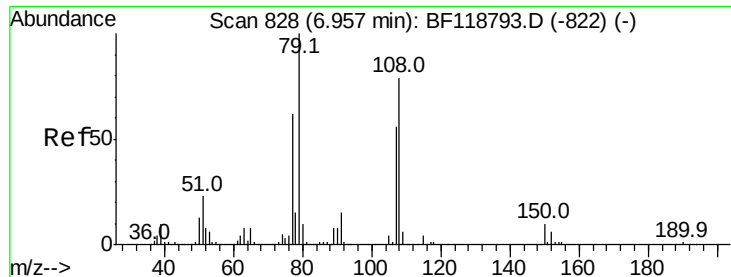
Abundance

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: 50.360 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

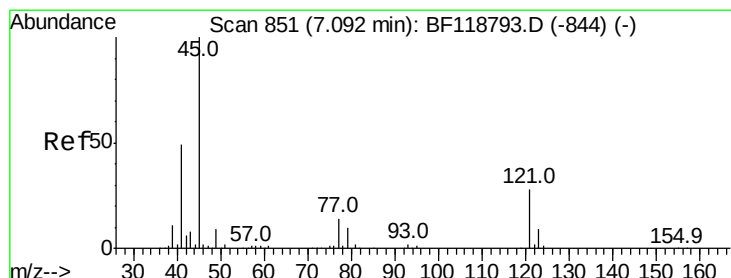
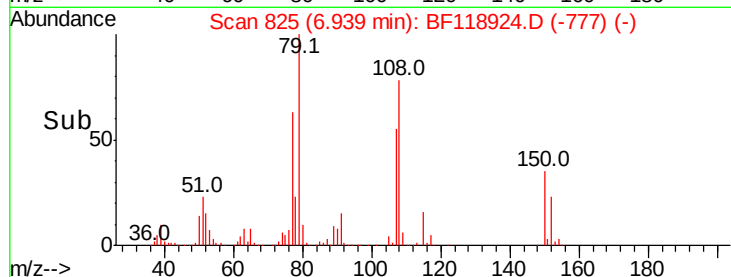
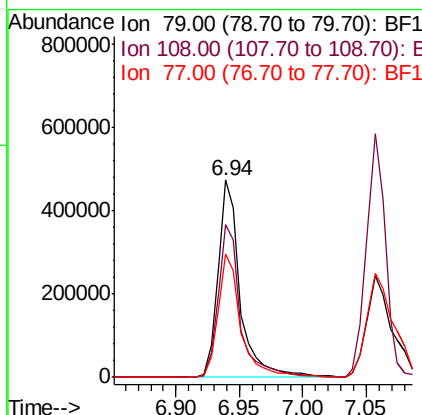
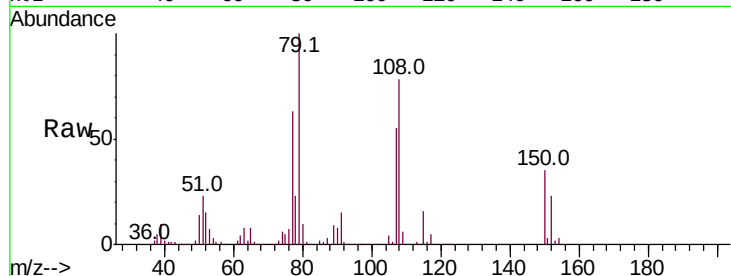
ClientSampleId :

2S-SECTION-FMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 580518 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.7  | 62.9  | 94.3   |
| 77        | 62.6  | 50.0  | 75.0   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.734 ng

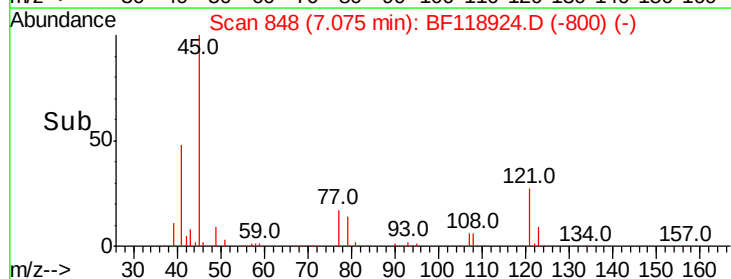
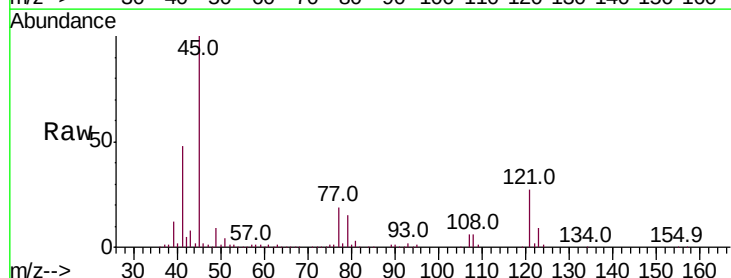
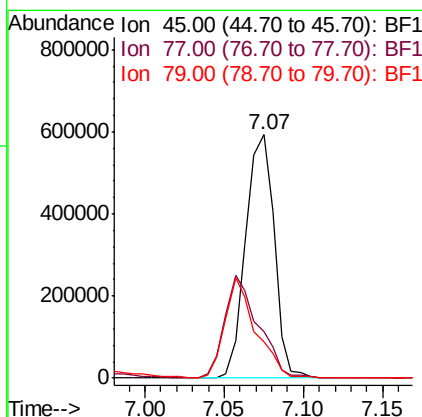
RT: 7.07 min Scan# 848

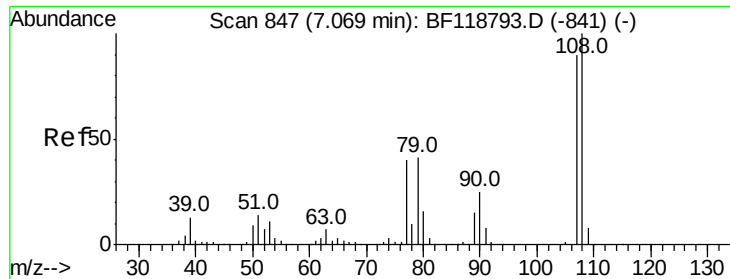
Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 741590 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 18.9  | 0.0   | 37.1   |
| 79        | 15.0  | 0.0   | 33.1   |





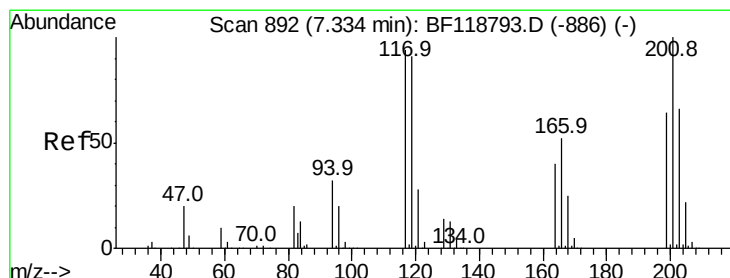
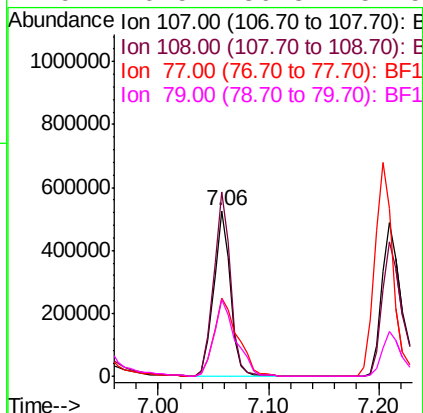
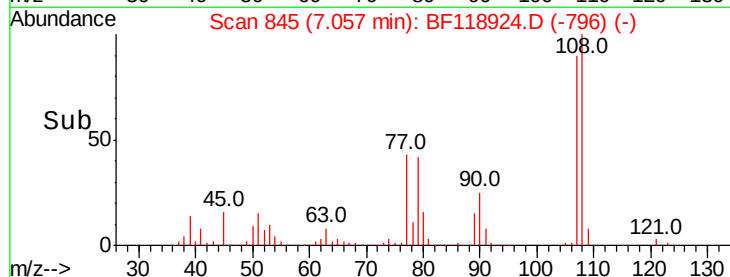
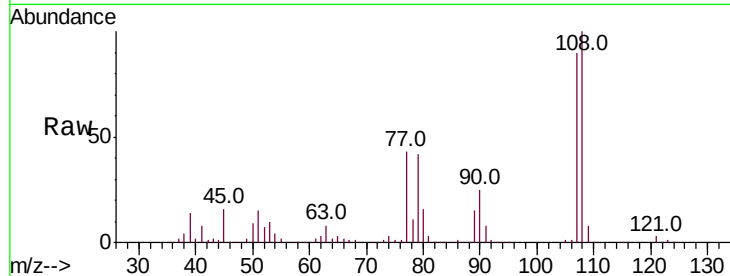
#17  
2-Methylphenol  
Concen: 49.061 ng  
RT: 7.06 min Scan# 845  
Delta R.T. -0.01 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.4 | 89.3  | 133.9 |
| 77      | 47.4  | 36.2  | 54.2  |
| 79      | 46.5  | 36.3  | 54.5  |

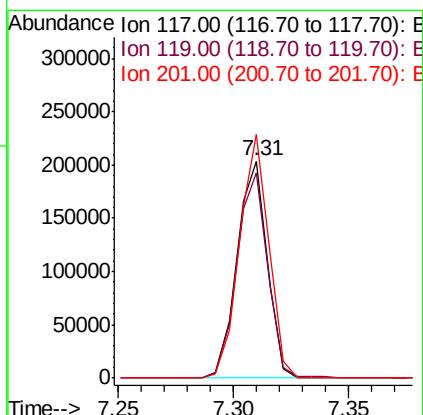
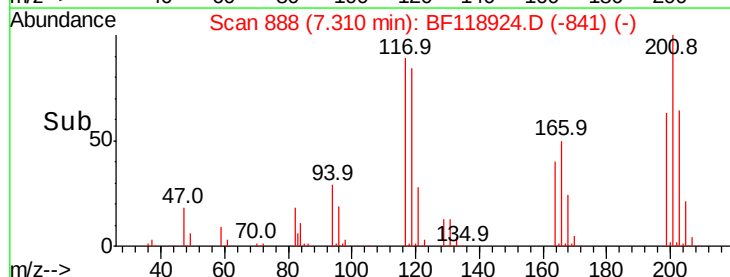
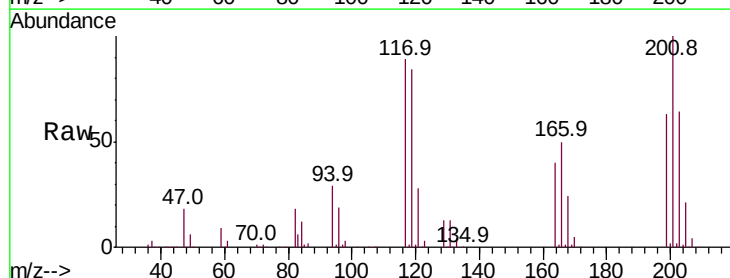
Manual Integrations  
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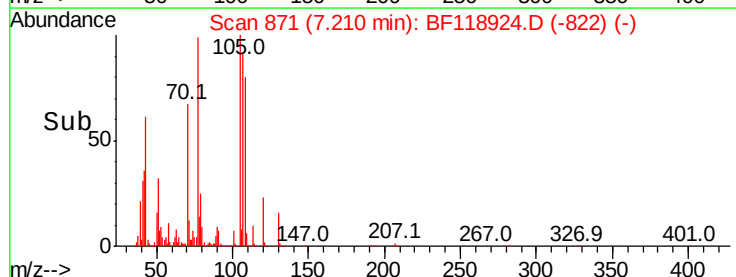
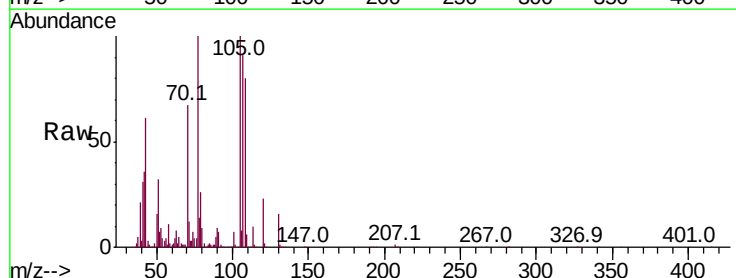
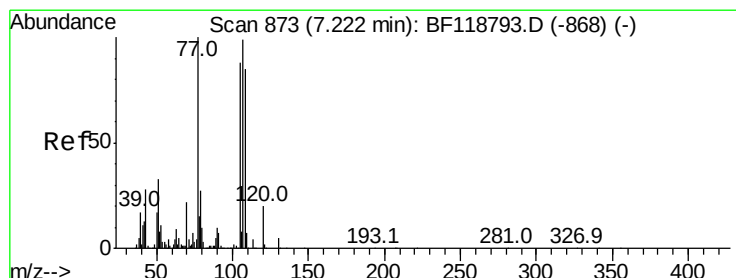
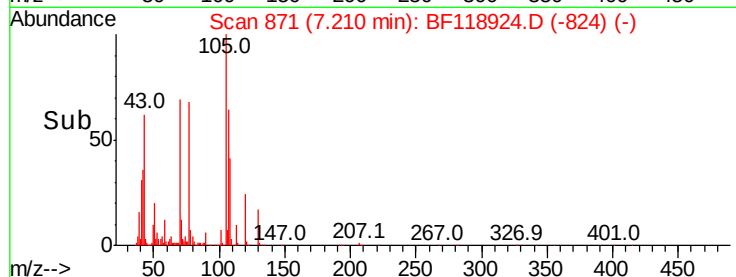
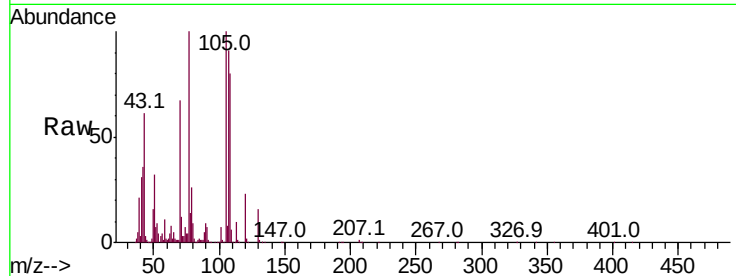
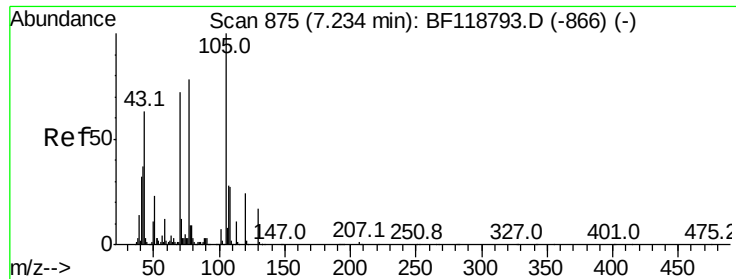
mohammad  
2/17/2020 3:46:03 PM



#18  
Hexachloroethane  
Concen: 32.489 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.6  | 77.4  | 116.0 |
| 201     | 112.2 | 85.1  | 127.7 |





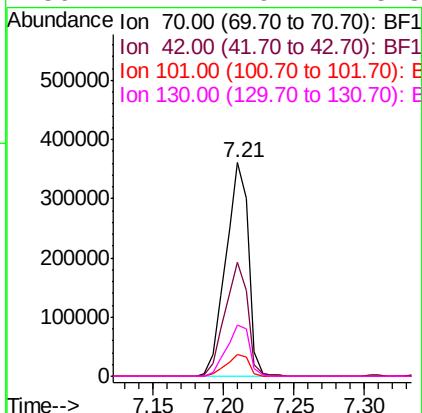
#19  
n-Nitroso-di-n-propylamine  
Concen: 44.197 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.1  | 41.5  | 62.3  |
| 101     | 10.4  | 8.3   | 12.5  |
| 130     | 24.1  | 19.2  | 28.8  |

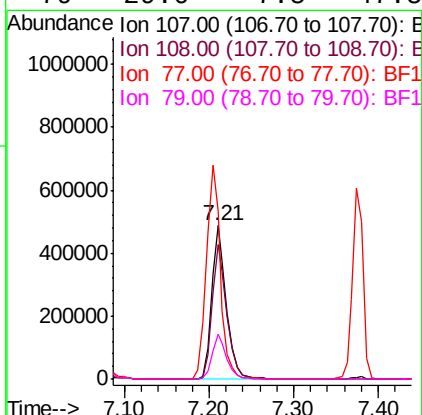
Manual Integrations  
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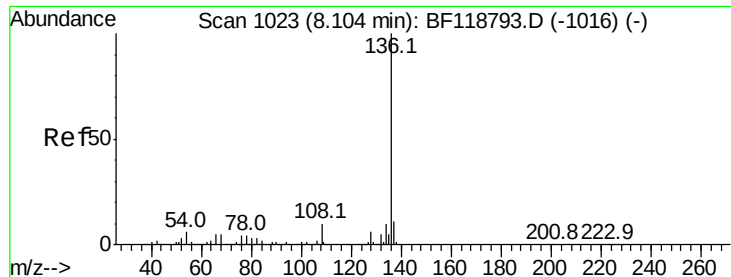
mohammad  
2/17/2020 3:46:03 PM



#20  
3+4-Methylphenols  
Concen: 42.617 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.1  | 65.9  | 105.9 |
| 77      | 109.7 | 80.9  | 120.9 |
| 79      | 29.0  | 7.5   | 47.5  |





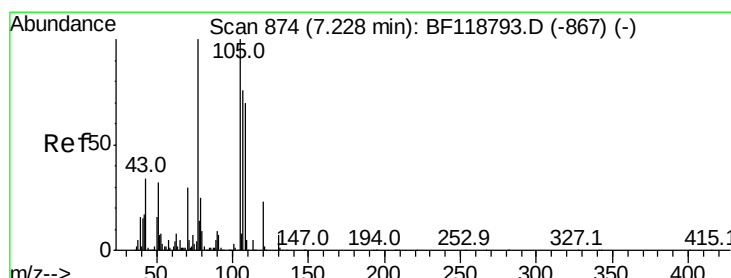
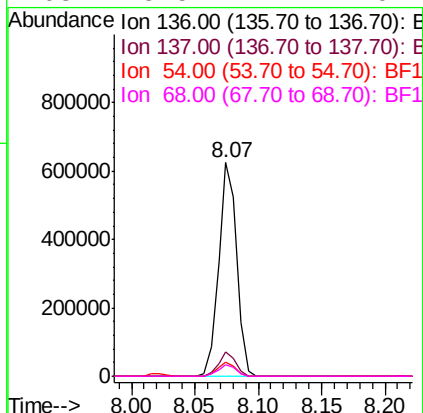
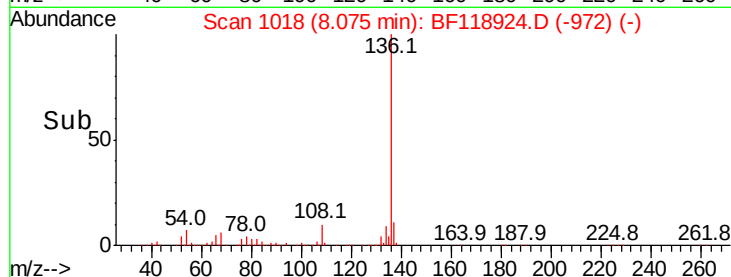
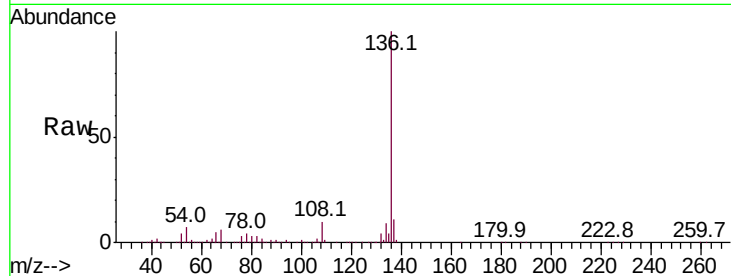
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 620589 |       |       |
| 137     | 11.2  |        | 8.7   | 13.1  |
| 54      | 6.6   |        | 5.0   | 7.6   |
| 68      | 5.5   |        | 4.2   | 6.4   |

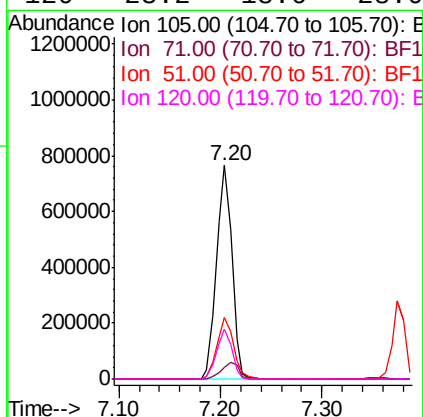
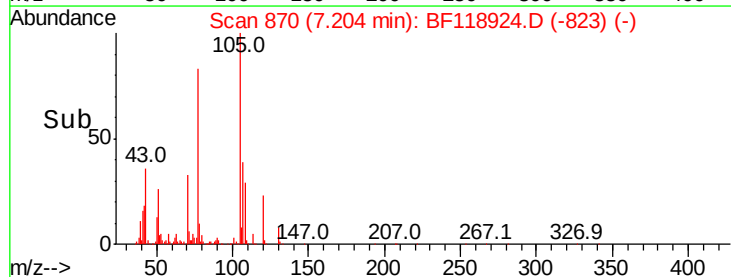
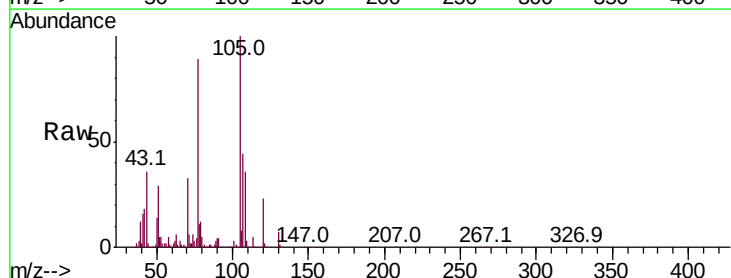
Manual Integrations  
APPROVED

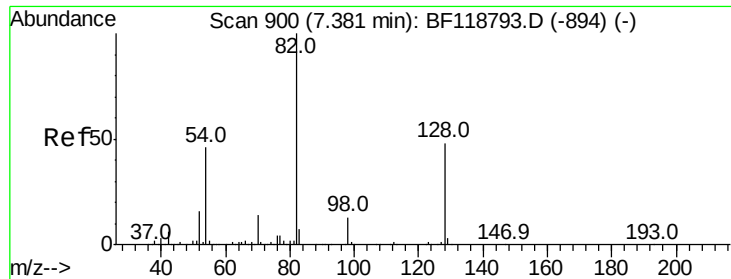
mohammad  
2/17/2020 3:46:03 PM



#22  
Acetophenone  
Concen: 60.306 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 813114 |       |       |
| 71      | 5.7   |        | 4.2   | 6.4   |
| 51      | 28.6  |        | 25.5  | 38.3  |
| 120     | 23.2  |        | 18.6  | 28.0  |





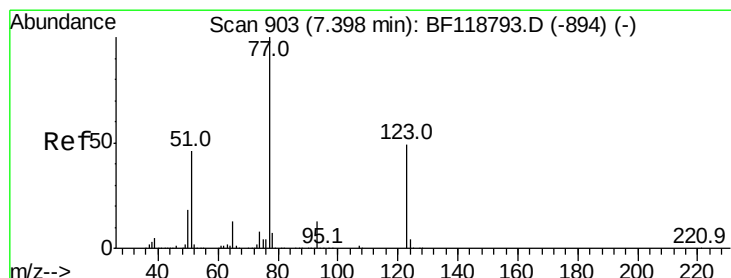
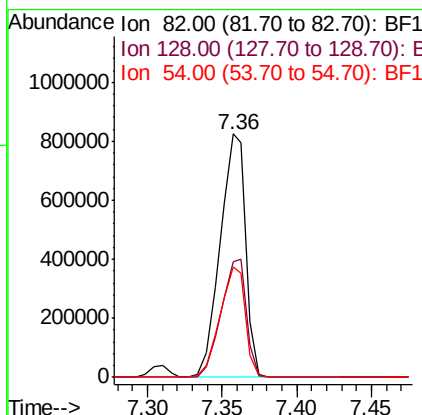
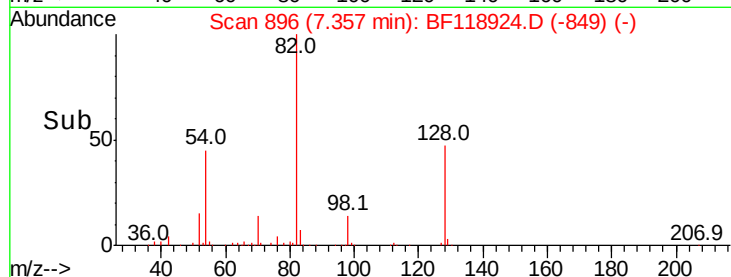
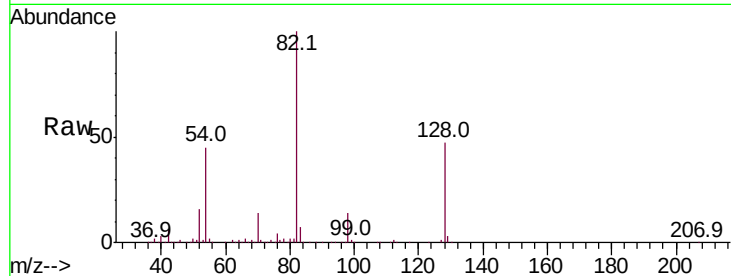
#23  
 Nitrobenzene-d5  
 Concen: 95.500 ng  
 RT: 7.36 min Scan# 896  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.3  | 38.5  | 57.7  |
| 54      | 45.3  | 36.7  | 55.1  |

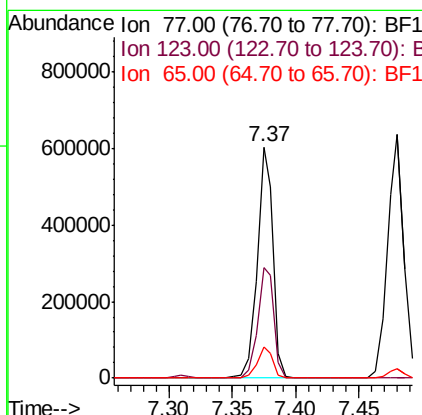
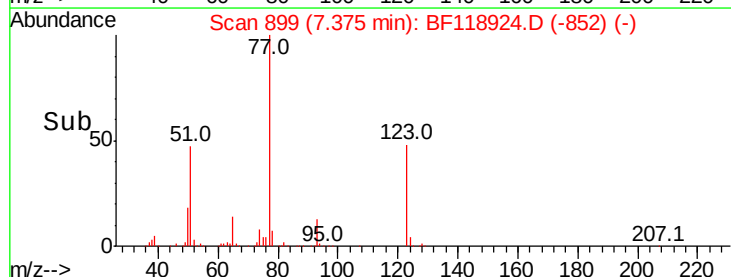
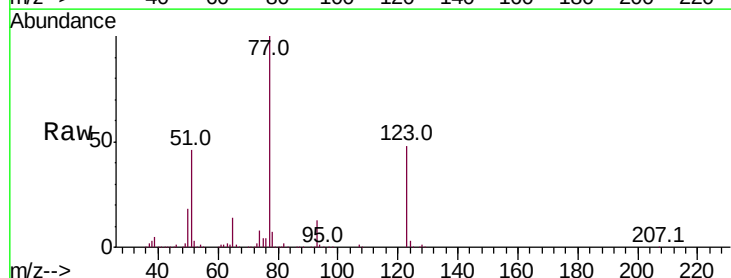
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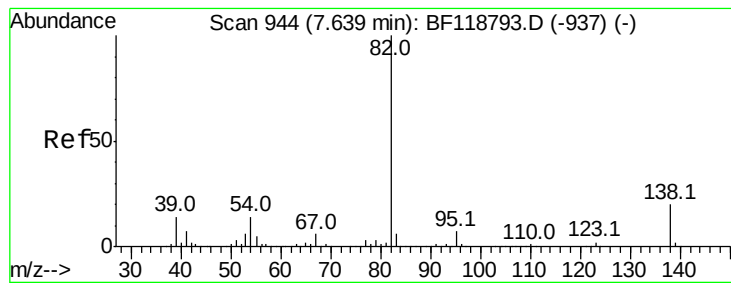


#24  
 Nitrobenzene  
 Concen: 50.519 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.9  | 39.0  | 58.4  |
| 65      | 13.5  | 10.6  | 15.8  |







#25

Isophorone

Concen: 49.552 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

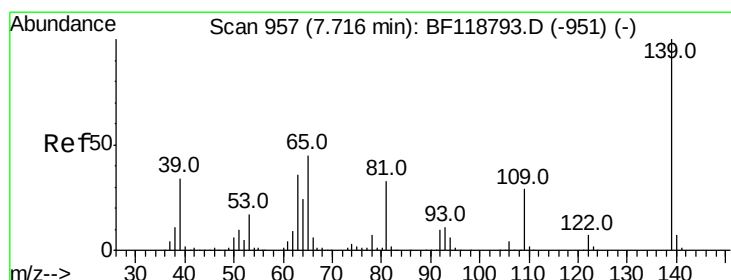
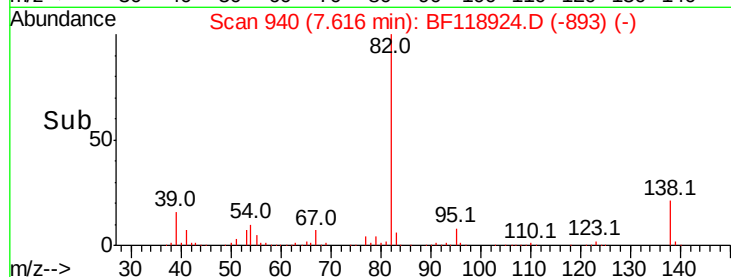
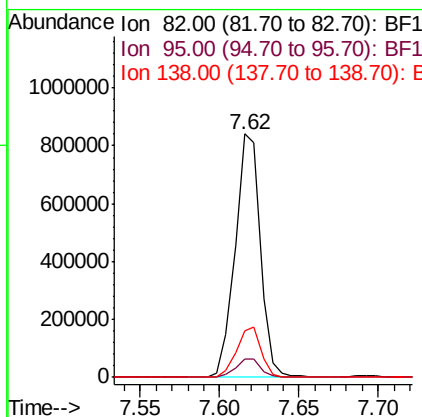
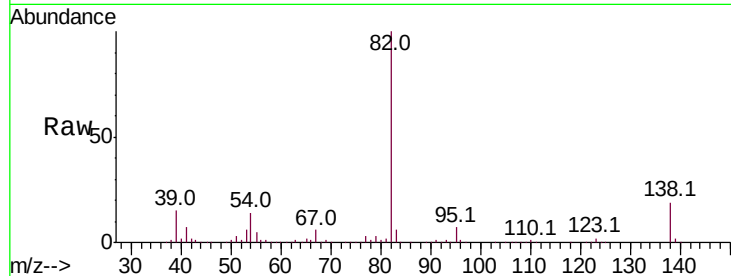
ClientSampleId :

2S-SECTION-FMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 927224 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.5   | 6.0   | 9.0    |
| 138       | 19.1  | 15.7  | 23.5   |

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#26

2-Nitrophenol

Concen: 51.760 ng

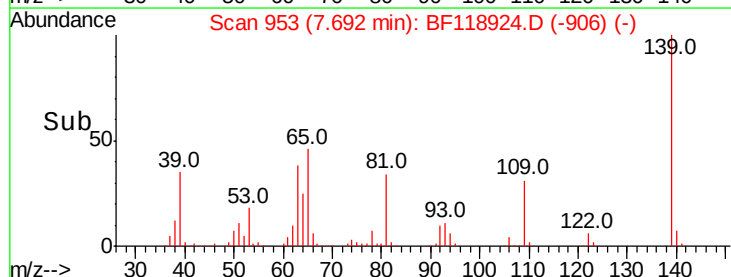
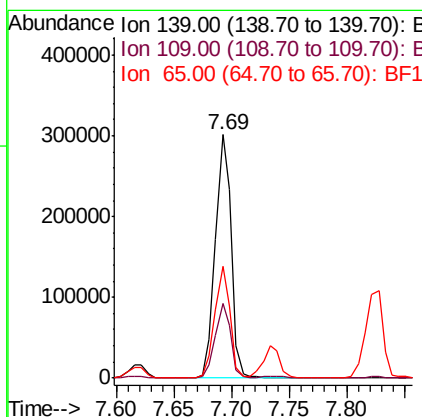
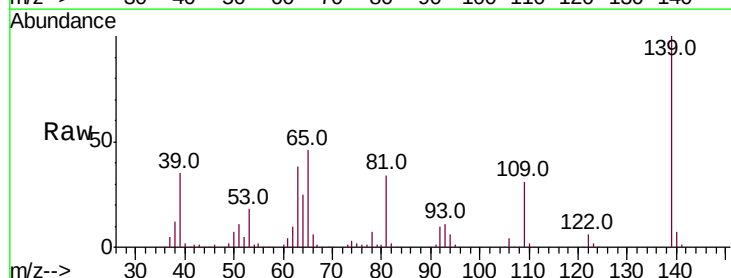
RT: 7.69 min Scan# 953

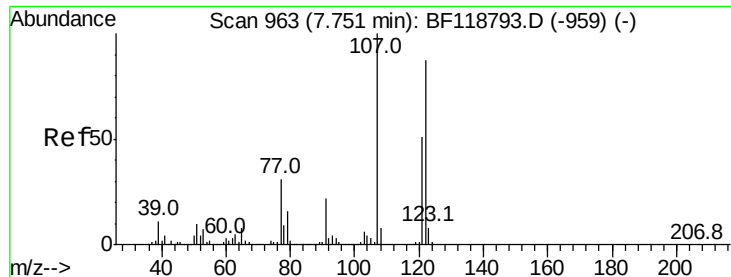
Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 286875 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 30.9  | 23.4  | 35.0   |
| 65        | 45.7  | 36.2  | 54.2   |





#27

2,4-Dimethylphenol

Concen: 57.782 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

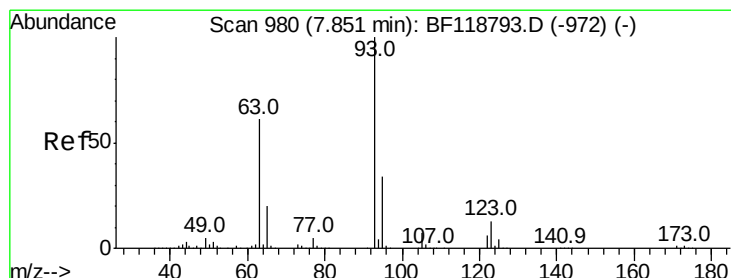
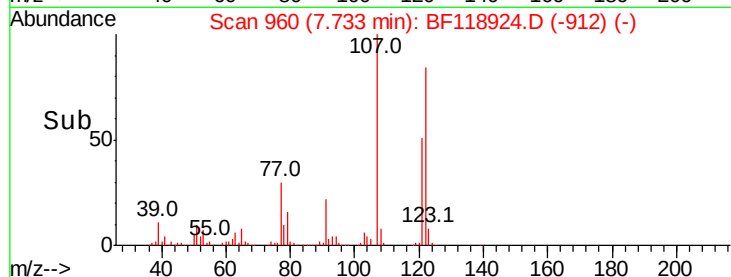
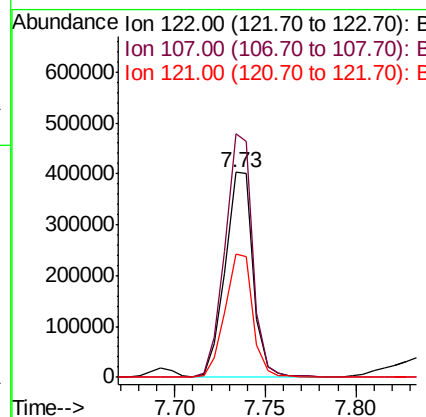
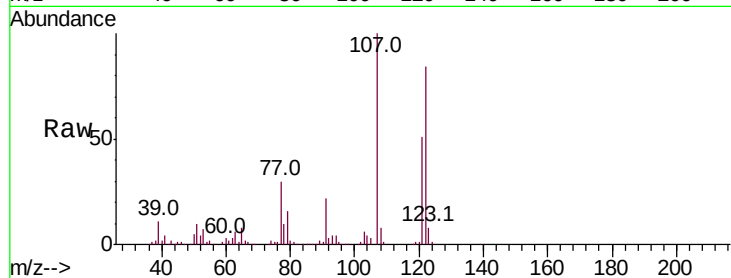
ClientSampleId :

2S-SECTION-FMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 122   | Resp: | 435031 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 118.7 | 92.2  | 138.2  |
| 121      | 60.4  | 46.8  | 70.2   |

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#28

bis(2-Chloroethoxy)methane

Concen: 47.851 ng

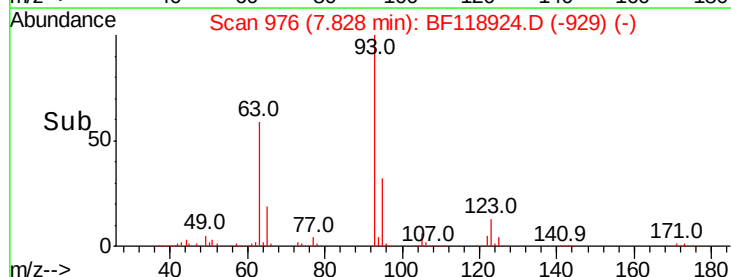
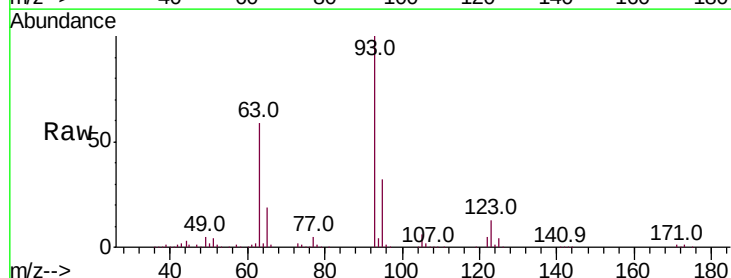
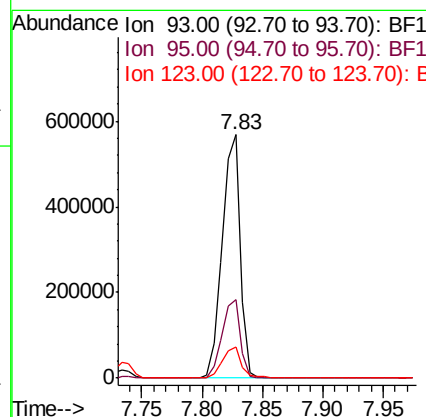
RT: 7.83 min Scan# 976

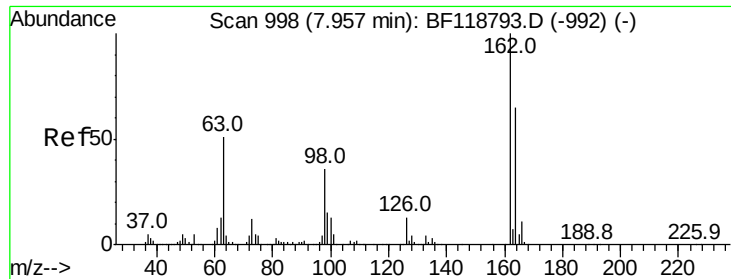
Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 580609 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.3  | 27.0  | 40.4   |
| 123      | 12.7  | 10.6  | 15.8   |





#29

2,4-Dichlorophenol

Concen: 49.889 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

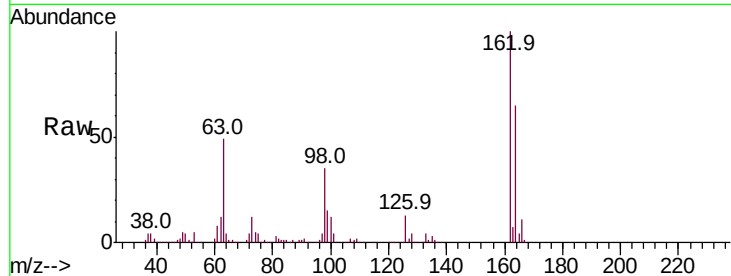
ClientSampleId :

2S-SECTION-FMS

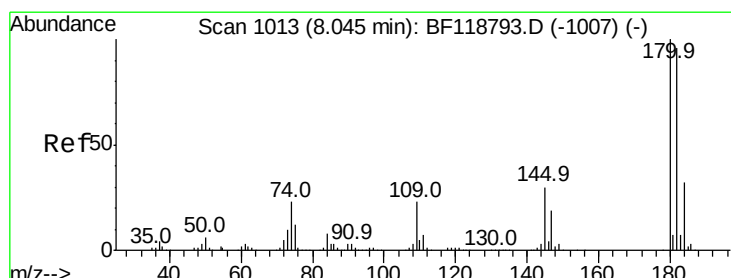
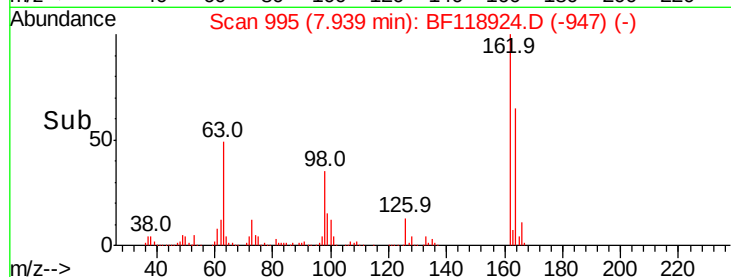
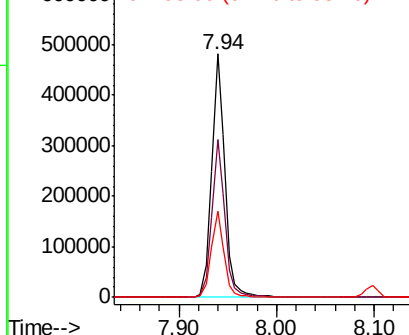
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 449817 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.7  | 44.8  | 84.8   |
| 98        | 35.4  | 16.4  | 56.4   |

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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 46.972 ng

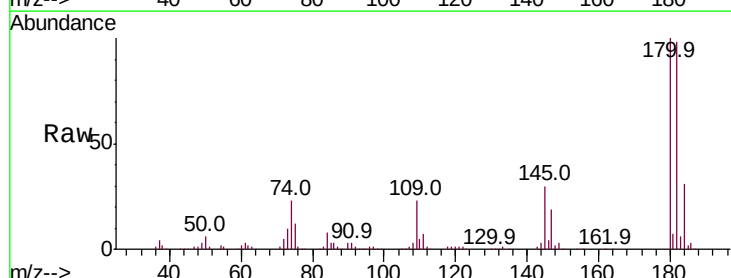
RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

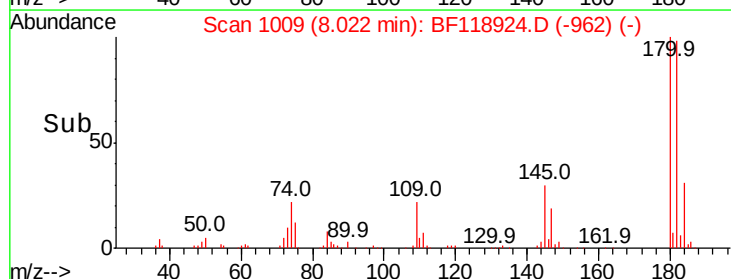
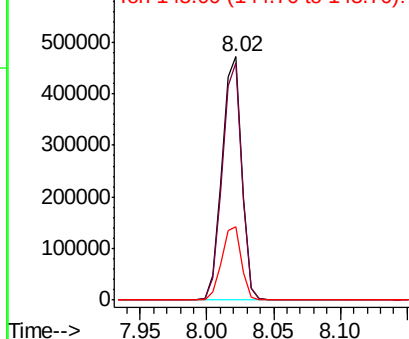
Lab File: BF118924.D

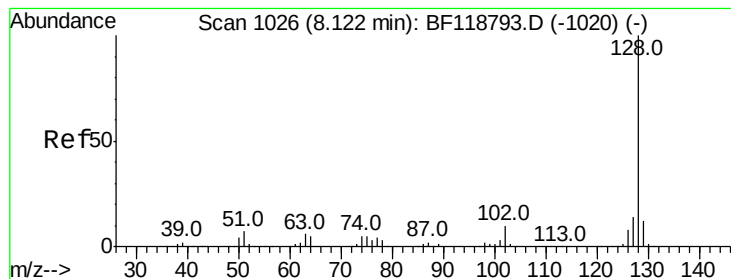
Acq: 13 Feb 2020 17:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 495026 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.5  | 76.6  | 115.0  |
| 145       | 29.9  | 24.0  | 36.0   |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 51.637 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

ClientSampleId :

2S-SECTION-FMS

Tot Ion:128 Resp: 1465620

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

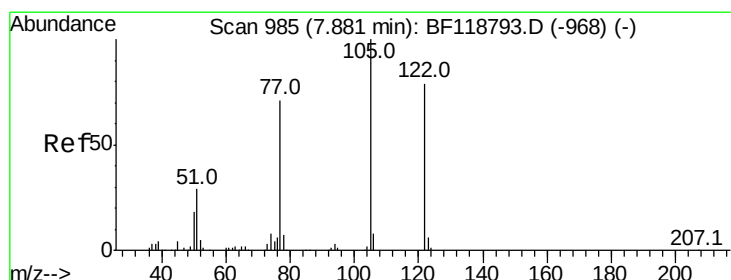
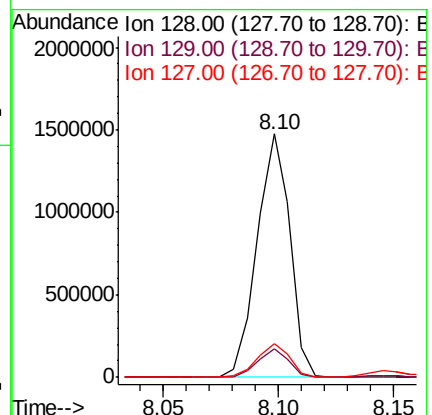
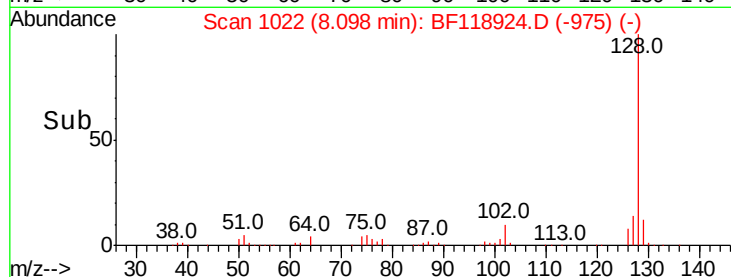
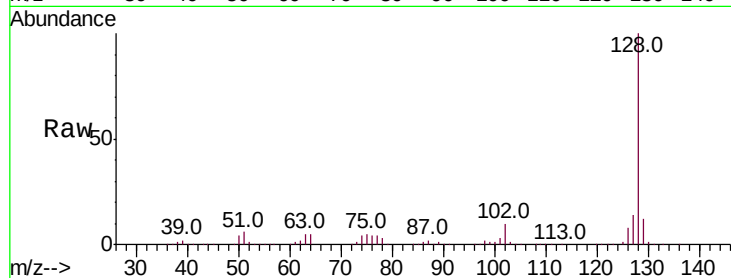
127 13.7 11.3 16.9

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#32

Benzoic acid

Concen: 19.256 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

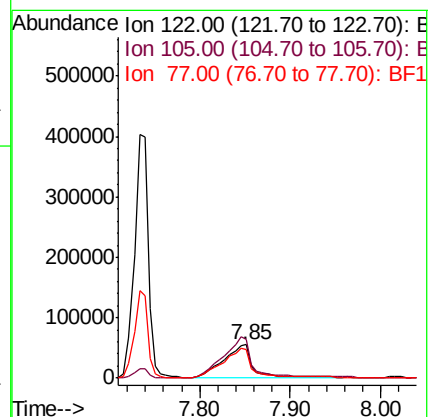
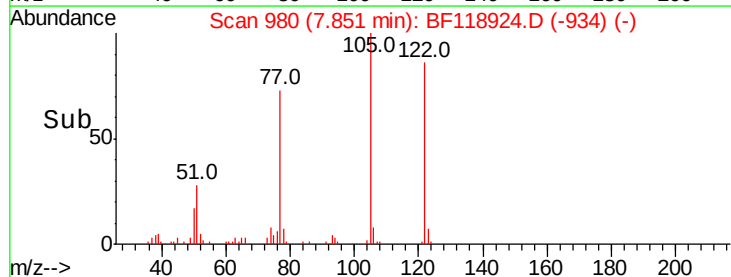
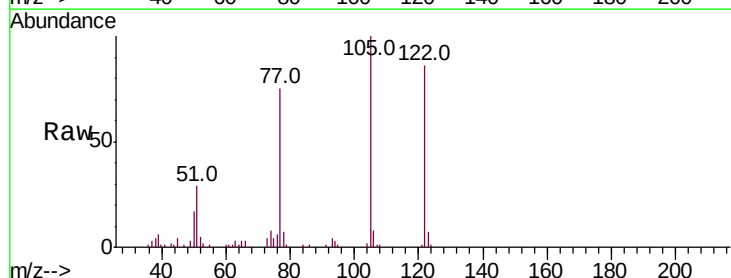
Tgt Ion:122 Resp: 120035

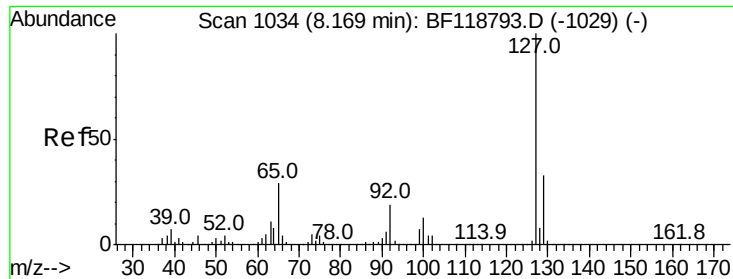
Ion Ratio Lower Upper

122 100

105 115.8 104.4 144.4

77 86.3 69.3 109.3





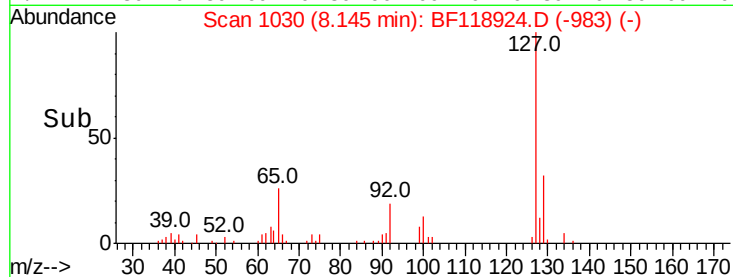
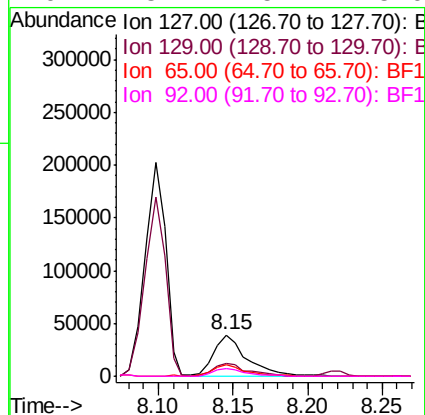
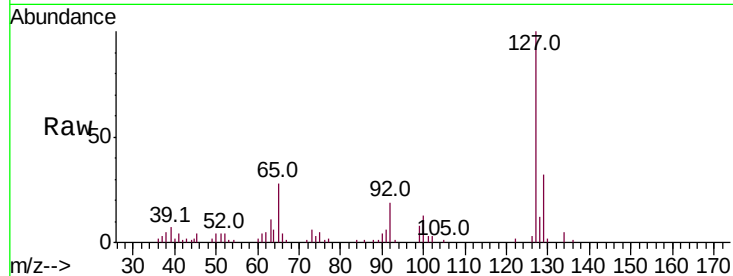
#33  
4-Chloroaniline  
Concen: 4.625 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.6  | 26.7  | 40.1  |
| 65      | 28.1  | 22.9  | 34.3  |
| 92      | 18.7  | 15.4  | 23.0  |

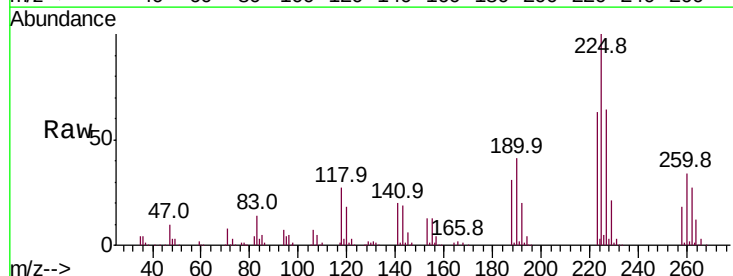
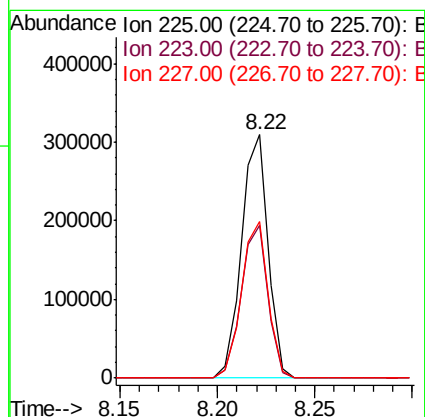
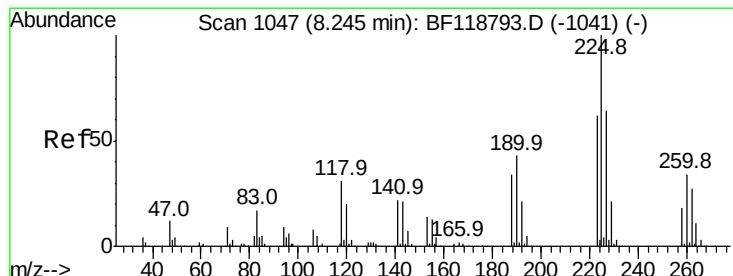
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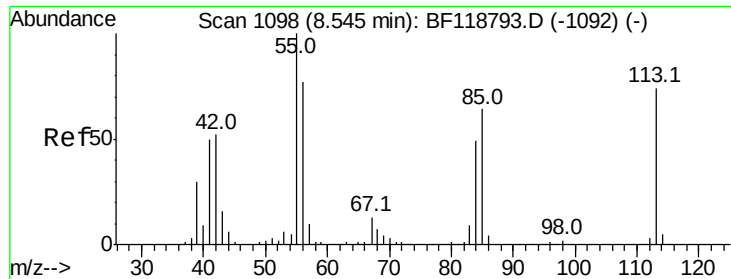
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#34  
Hexachlorobutadiene  
Concen: 45.184 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 49.8  | 74.8  |
| 227     | 64.5  | 51.0  | 76.4  |





#35

Caprolactam

Concen: 39.969 ng/mL

RT: 8.52 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

ClientSampleId :

2S-SECTION-FMS

Tot Ion:113 Resp: 116826

Ion Ratio Lower Upper

113 100

55 133.6 115.5 155.5

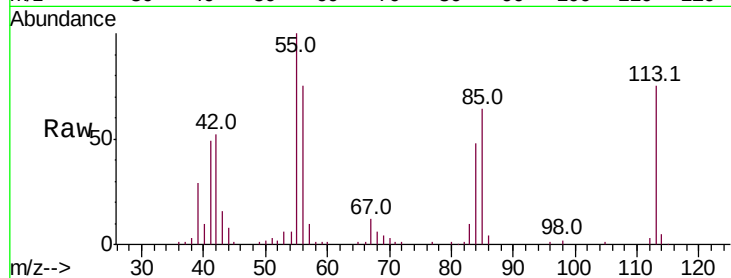
56 100.6 83.7 123.7

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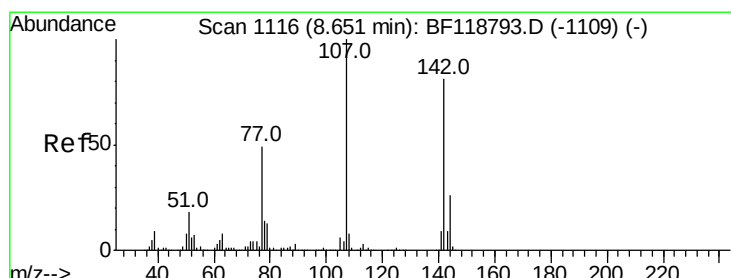
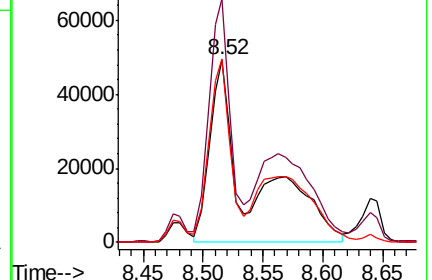
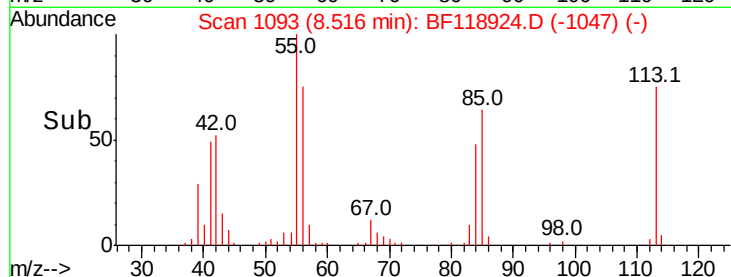
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.348 ng/mL

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

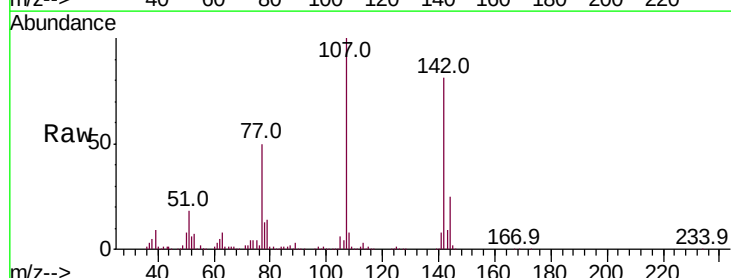
Tgt Ion:107 Resp: 456848

Ion Ratio Lower Upper

107 100

144 25.4 21.0 31.6

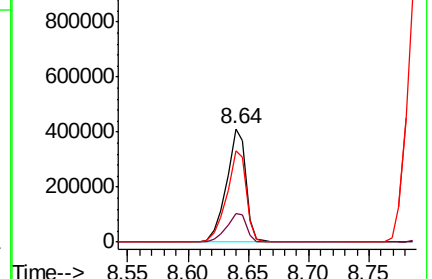
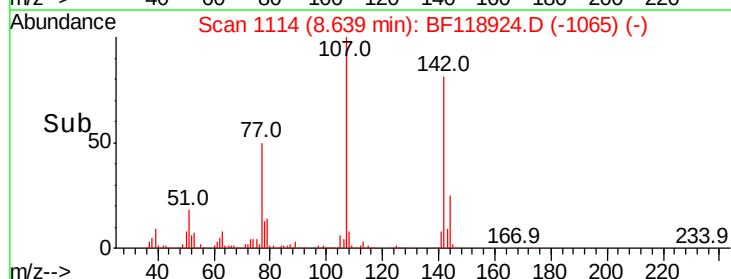
142 80.6 64.8 97.2

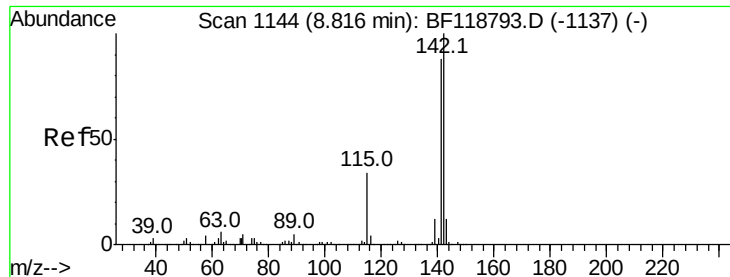


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





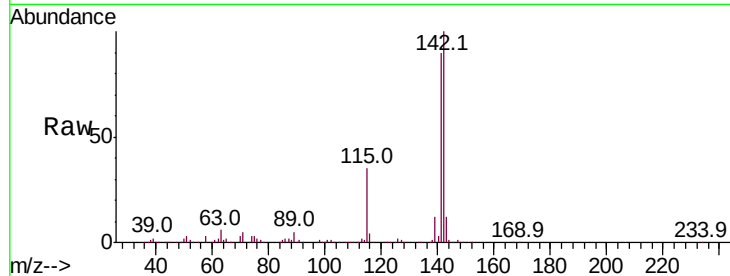
#37  
2-Methylnaphthalene  
Concen: 51.680 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 70.1  | 105.1 |
| 115     | 34.6  | 27.3  | 40.9  |

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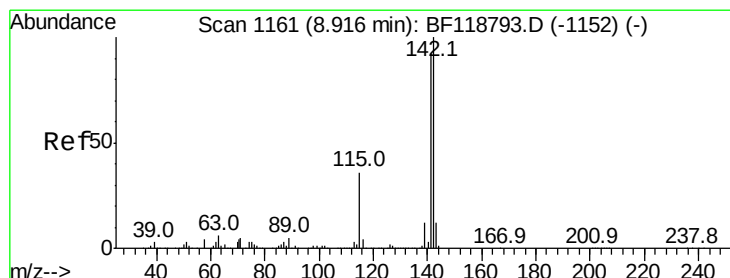
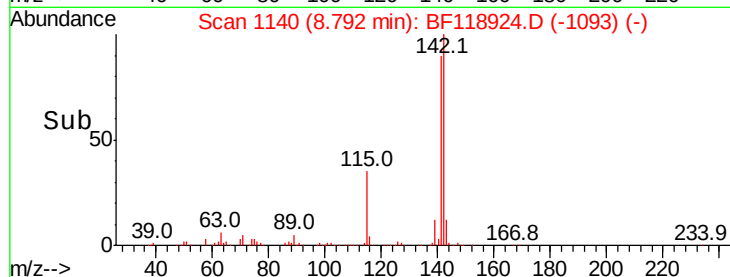
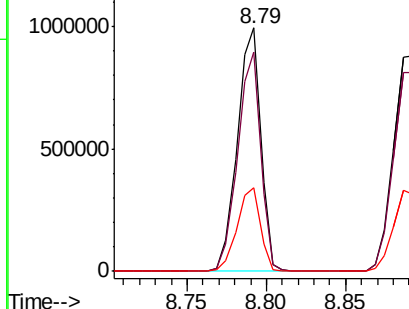


Abundance

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



#38  
1-Methylnaphthalene  
Concen: 51.207 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

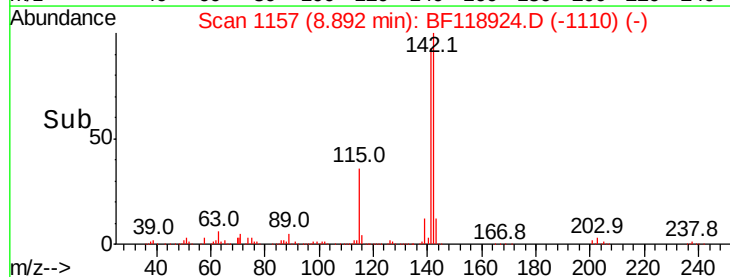
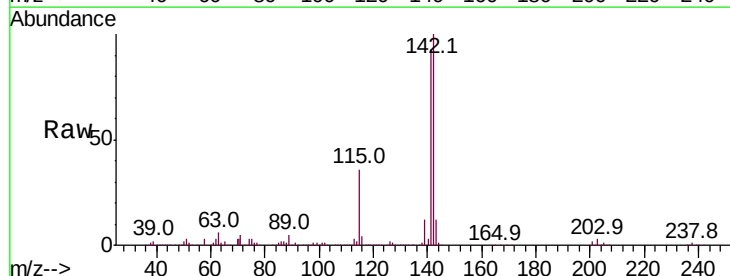
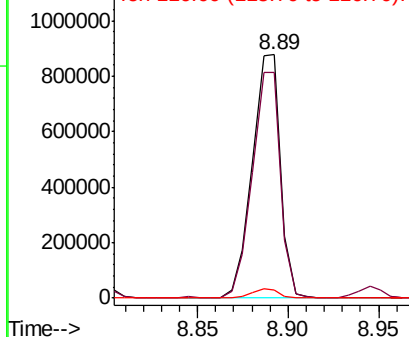
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.7  | 73.8  | 110.6 |
| 116     | 3.5   | 3.0   | 4.4   |

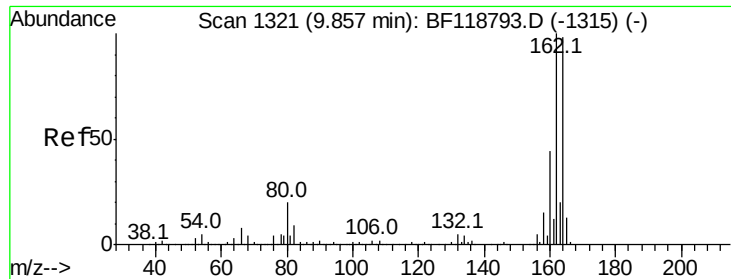
Abundance

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





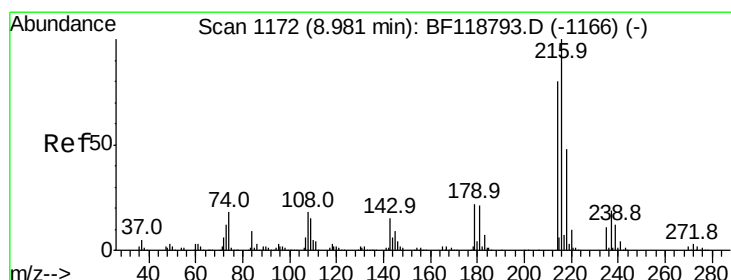
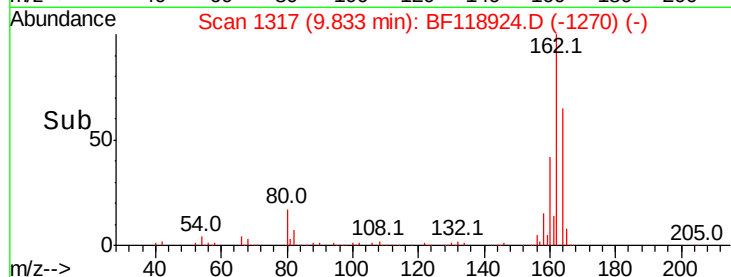
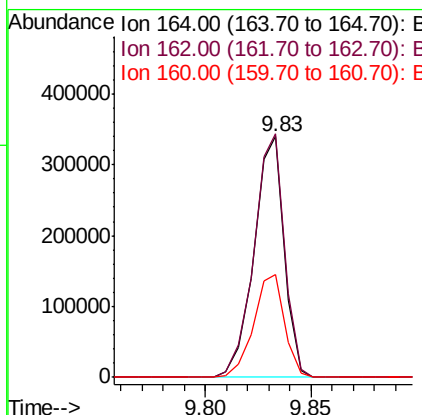
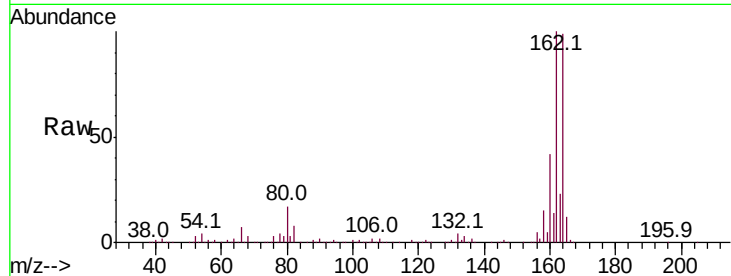
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.83 min Scan# 1317  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 337708 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.2 | 81.4  | 122.2  |
| 160       | 42.7  | 35.6  | 53.4   |

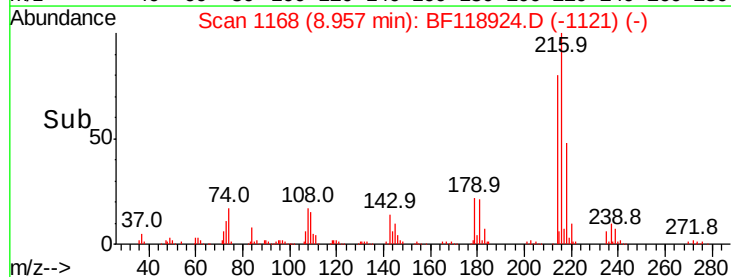
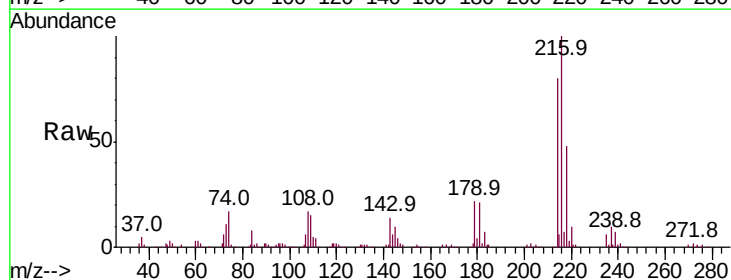
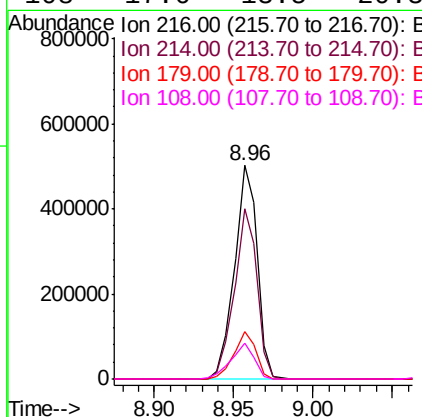
Manual Integrations  
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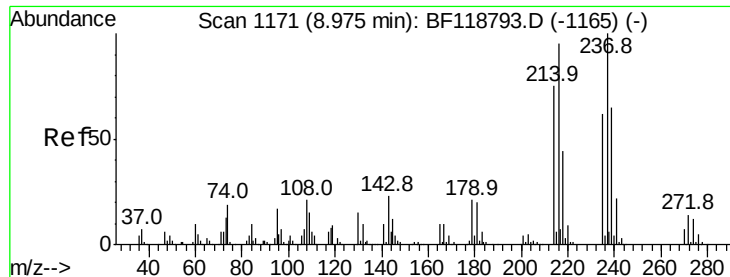


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.932 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 498730 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.2  | 63.0  | 94.4   |
| 179       | 21.4  | 17.0  | 25.6   |
| 108       | 17.6  | 13.5  | 20.3   |







#41

Hexachlorocyclopentadiene

Concen: 84.573 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

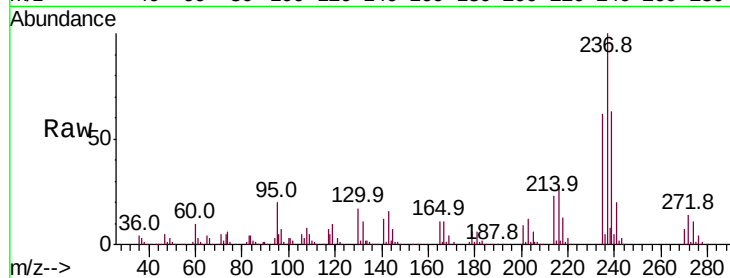
ClientSampleId :

2S-SECTION-FMS

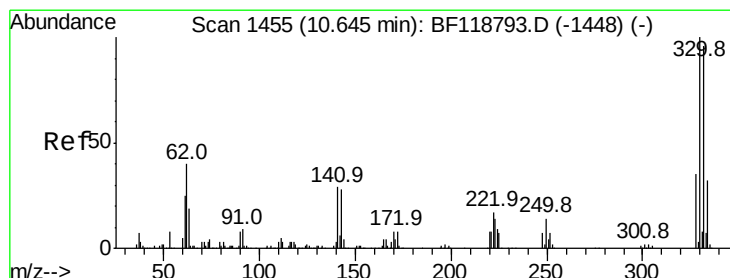
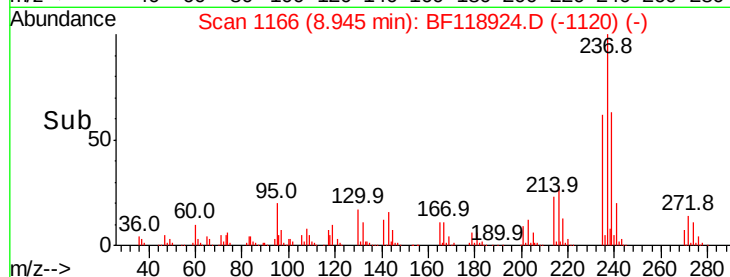
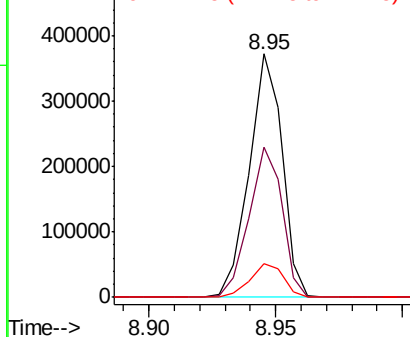
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 338002 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.8  | 42.1  | 82.1   |
| 272       | 13.6  | 0.0   | 34.4   |

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



#42

2,4,6-Tribromophenol

Concen: 138.200 ng

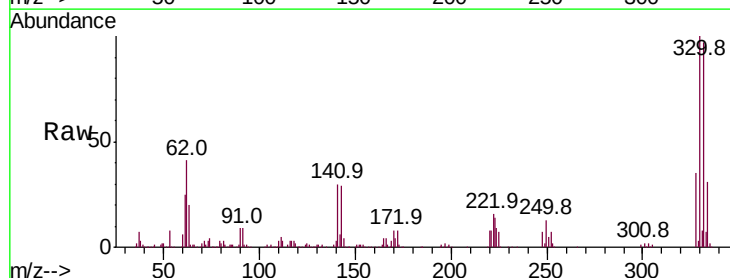
RT: 10.62 min Scan# 1451

Delta R.T. -0.02 min

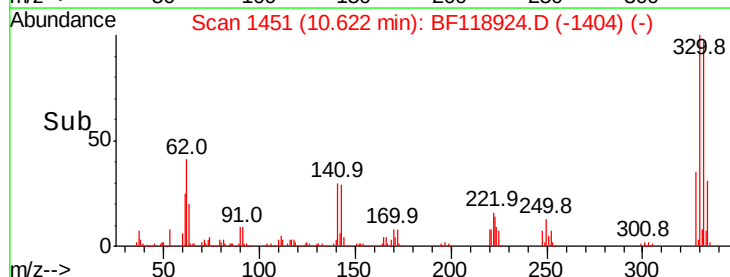
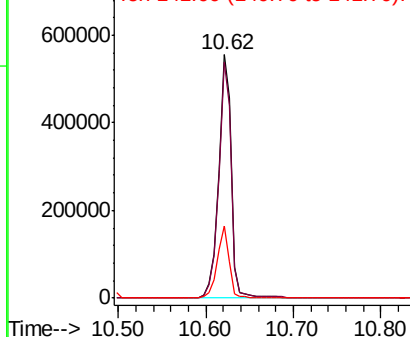
Lab File: BF118924.D

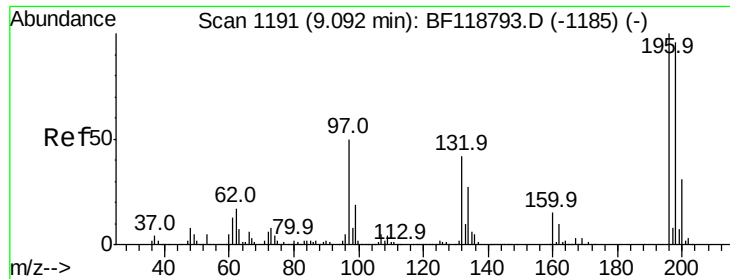
Acq: 13 Feb 2020 17:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 558436 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.8  | 77.3  | 115.9  |
| 141       | 28.0  | 22.4  | 33.6   |



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





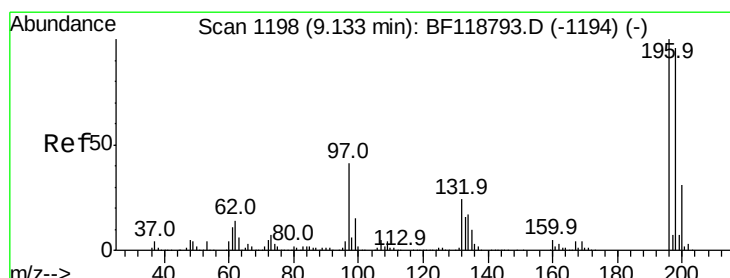
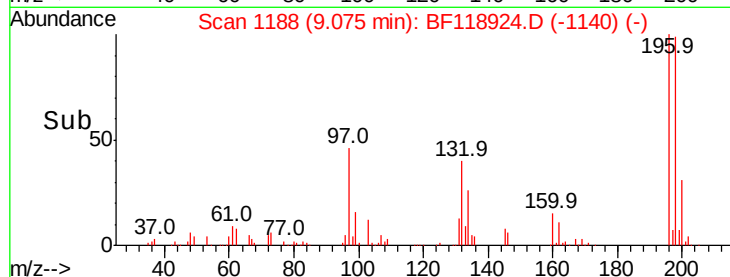
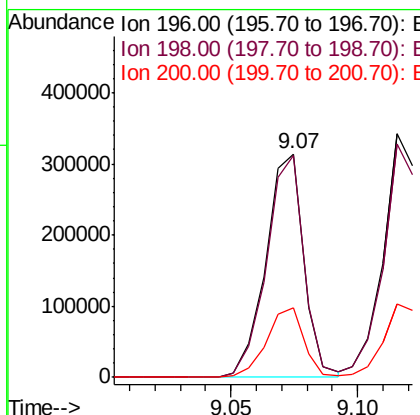
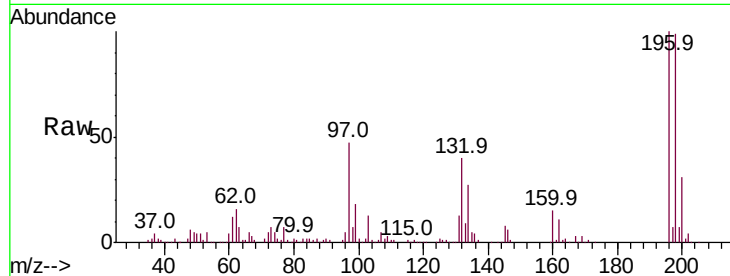
#43  
 2,4,6-Trichlorophenol  
 Concen: 47.894 ng  
 RT: 9.07 min Scan# 1188  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 326426 |       |       |
| 198     | 99.0  | 76.7   | 115.1 |       |
| 200     | 31.4  | 24.9   | 37.3  |       |

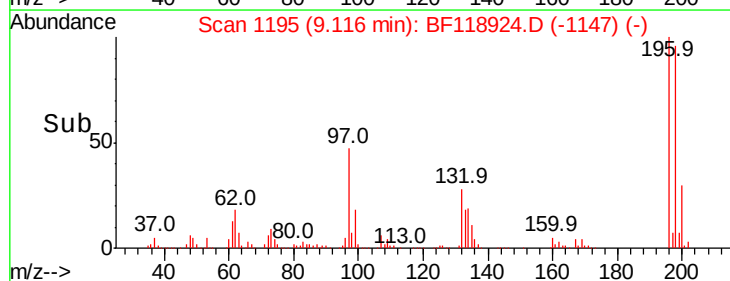
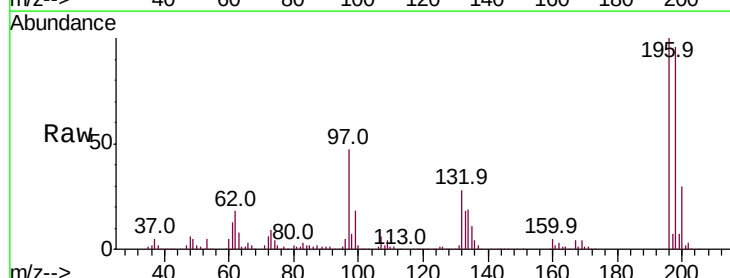
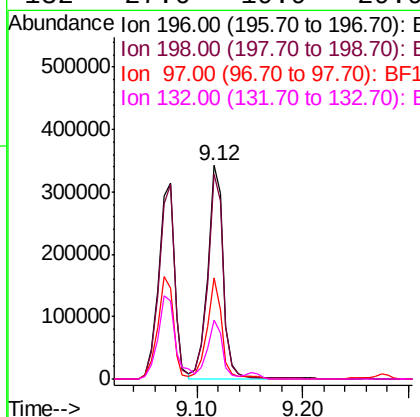
Manual Integrations  
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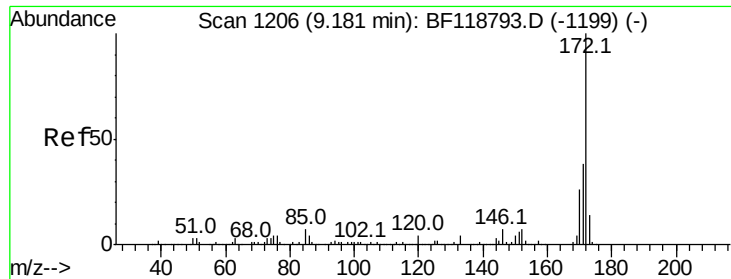
mohammad  
 2/17/2020 3:46:03 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 50.983 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 355050 |       |       |
| 198     | 96.0  | 77.0   | 115.4 |       |
| 97      | 47.3  | 32.9   | 49.3  |       |
| 132     | 27.6  | 19.9   | 29.9  |       |





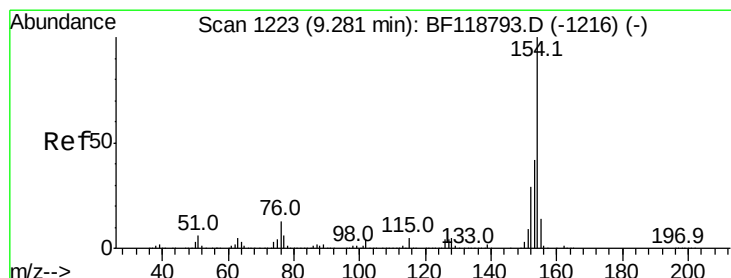
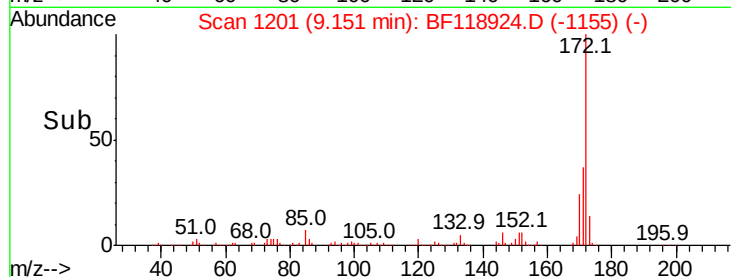
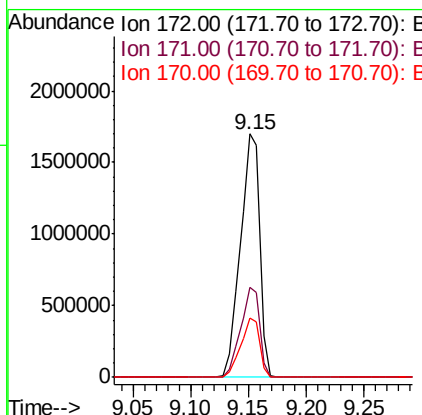
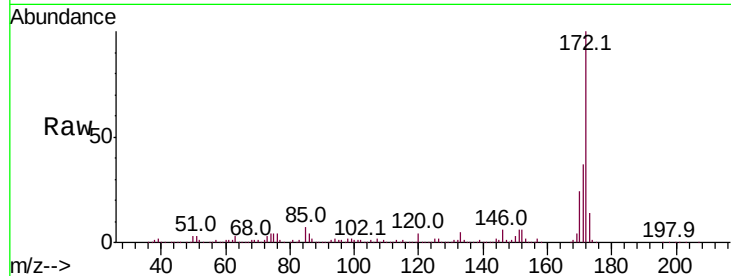
#45  
2-Fluorobiphenyl  
Concen: 104.004 ng  
RT: 9.15 min Scan# 1201  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

Tot Ion:172 Resp: 1964705  
Ion Ratio Lower Upper  
172 100  
171 37.1 30.8 46.2  
170 24.3 20.5 30.7

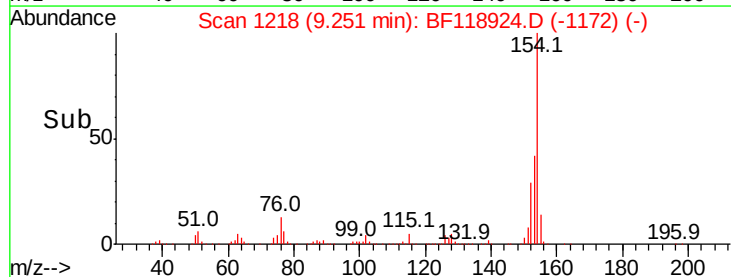
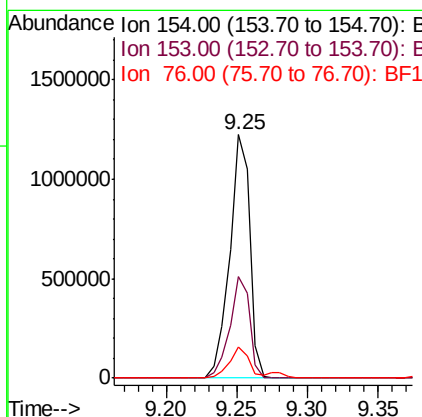
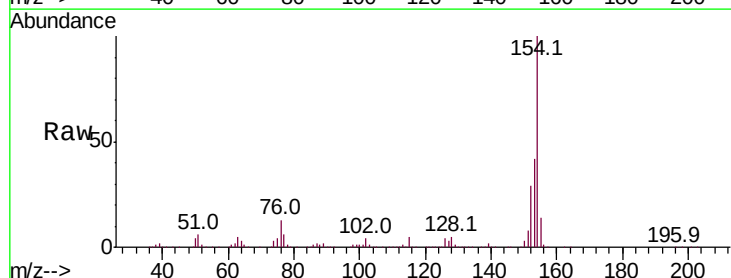
Manual Integrations  
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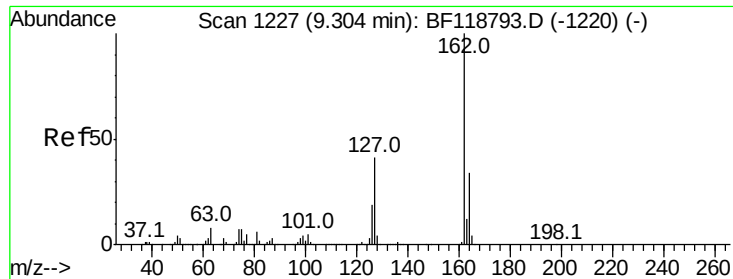
mohammad  
2/17/2020 3:46:03 PM



#46  
1,1'-Biphenyl  
Concen: 51.683 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Tgt Ion:154 Resp: 1207352  
Ion Ratio Lower Upper  
154 100  
153 41.9 22.4 62.4  
76 12.7 0.0 32.7





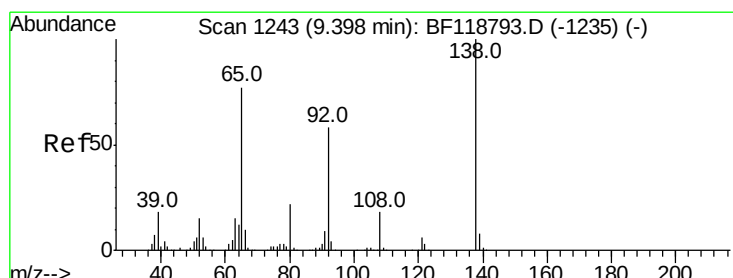
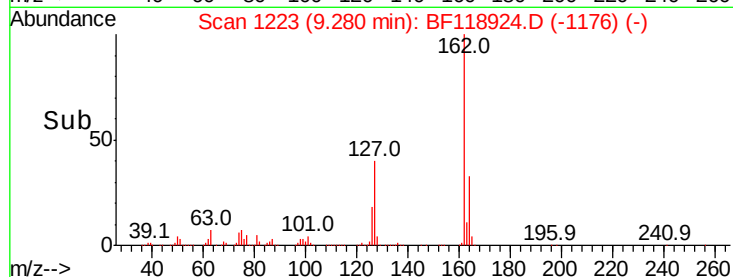
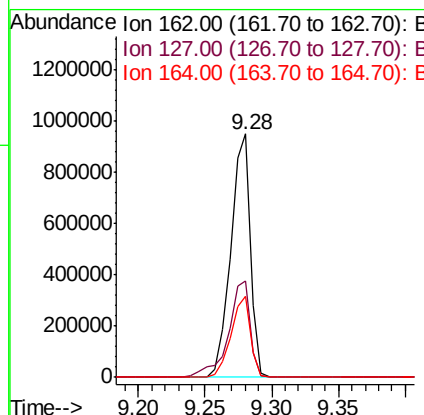
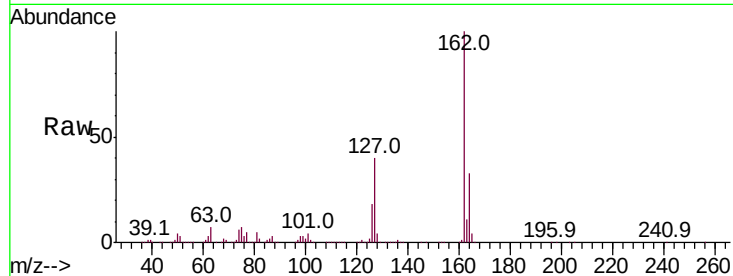
#47  
 2-Chloronaphthalene  
 Concen: 50.662 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 983881 |       |       |
| 127     | 39.5  |        | 33.3  | 49.9  |
| 164     | 33.2  |        | 27.1  | 40.7  |

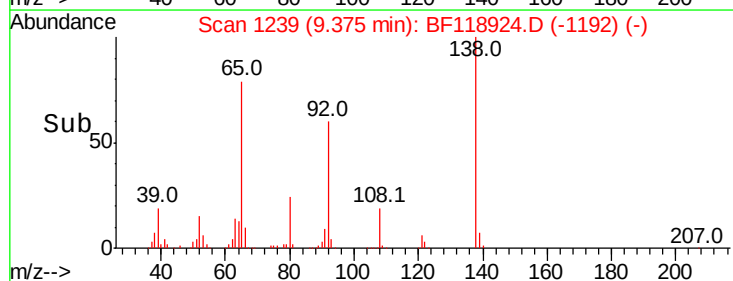
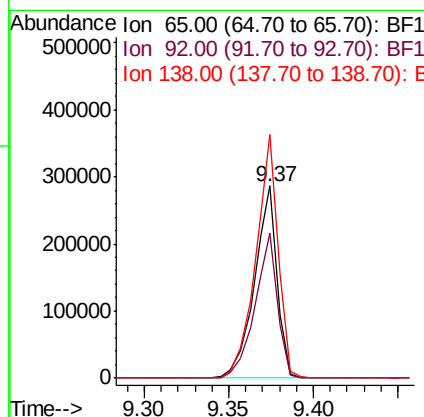
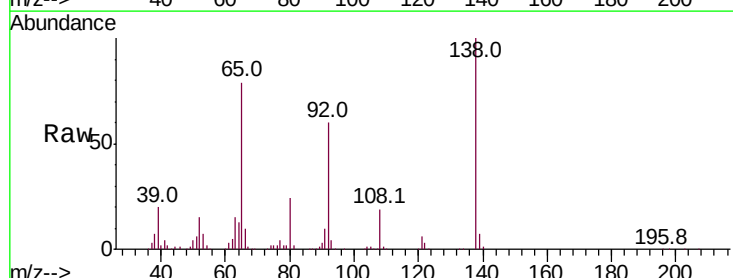
Manual Integrations  
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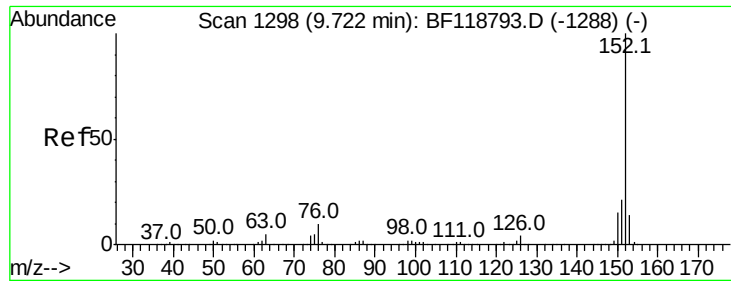
mohammad  
 2/17/2020 3:46:03 PM



#48  
 2-Nitroaniline  
 Concen: 48.032 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 269039 |       |       |
| 92      | 75.8  |        | 60.6  | 91.0  |
| 138     | 126.8 |        | 104.6 | 156.8 |





#49

Acenaphthylene

Concen: 54.211 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

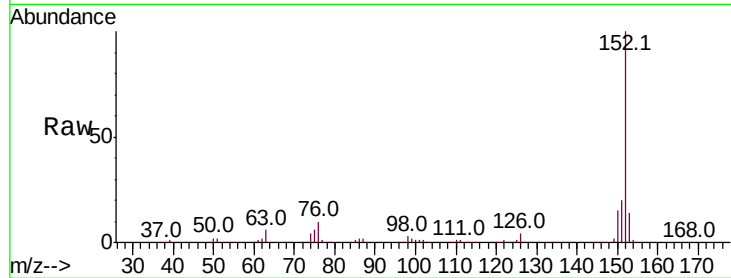
ClientSampleId :

2S-SECTION-FMS

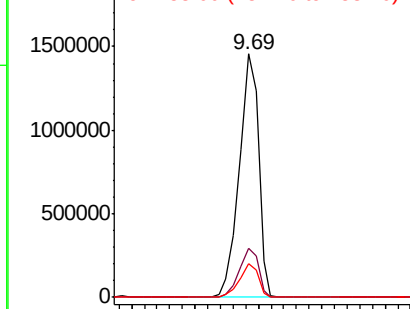
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 1520125 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 20.4  | 17.1  | 25.7    |
| 153      | 13.6  | 11.0  | 16.4    |

Manual Integrations  
APPROVED

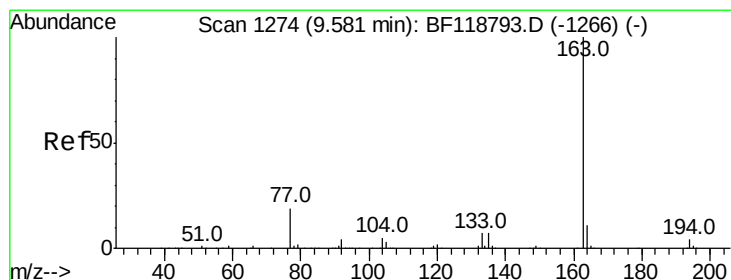
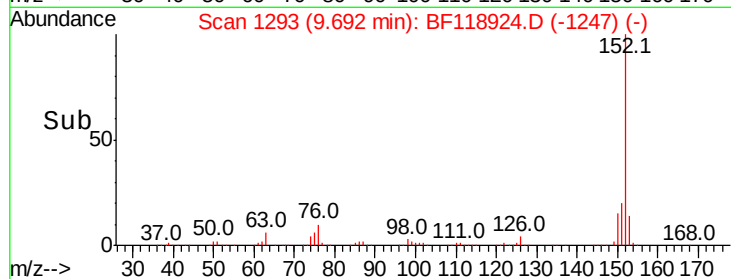
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Abundance Ion 152.00 (151.70 to 152.70): E  
2000000 Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 50.468 ng

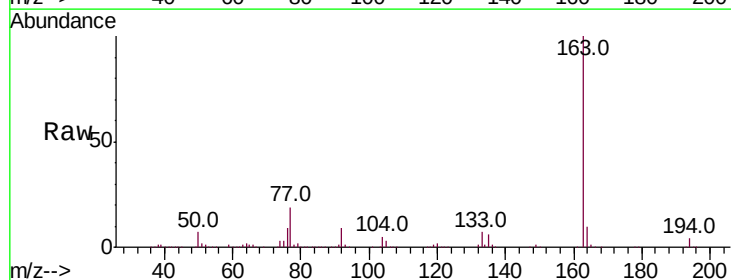
RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

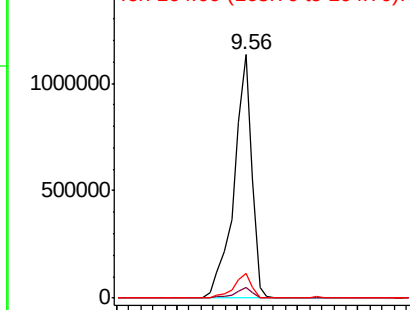
Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

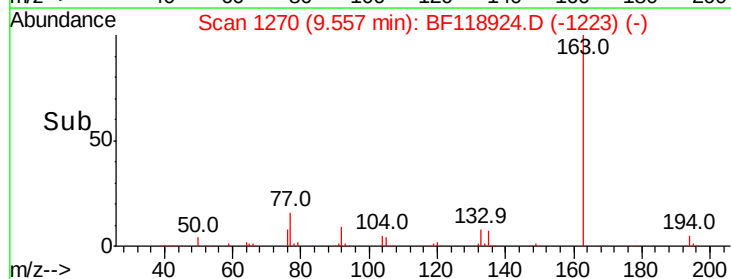
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 163   | Resp: | 1160505 |
| Ion      | Ratio | Lower | Upper   |
| 163      | 100   |       |         |
| 194      | 4.4   | 3.6   | 5.4     |
| 164      | 10.2  | 8.7   | 13.1    |

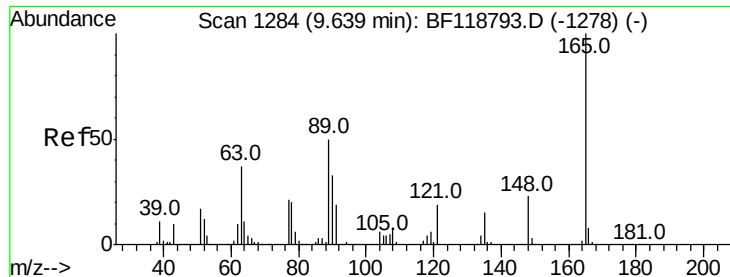


Abundance Ion 163.00 (162.70 to 163.70): E  
1500000 Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



Time-->





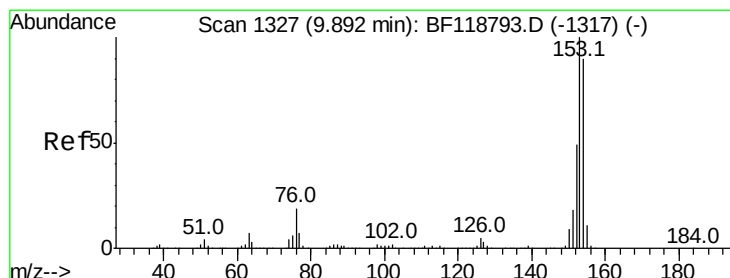
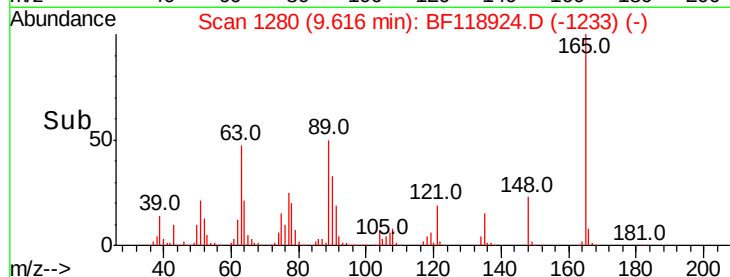
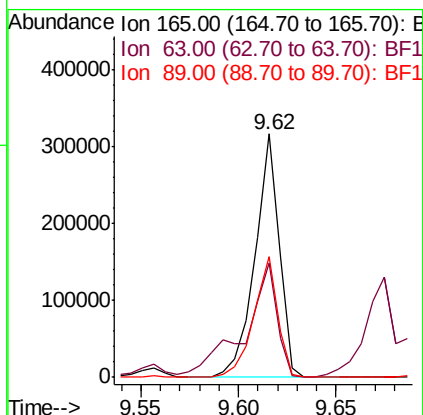
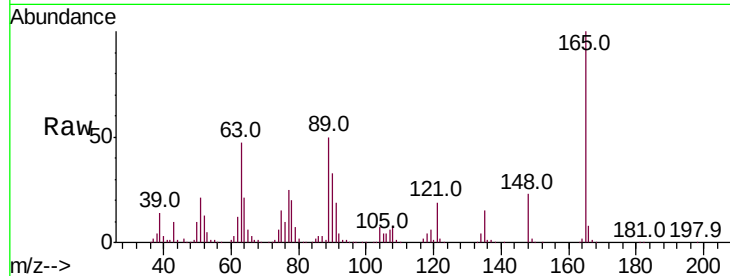
#51  
 2,6-Dinitrotoluene  
 Concen: 51.792 ng  
 RT: 9.62 min Scan# 1280  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 272502 |       |       |
| 63      | 46.8  |        | 37.4  | 56.0  |
| 89      | 49.7  |        | 39.7  | 59.5  |

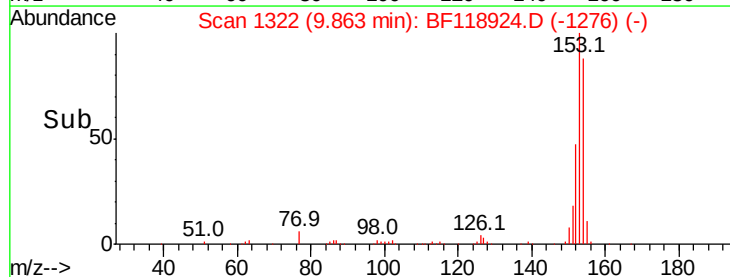
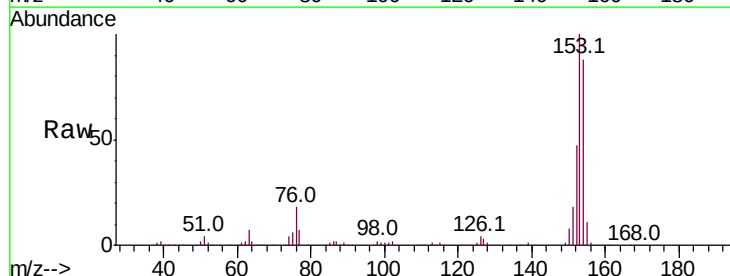
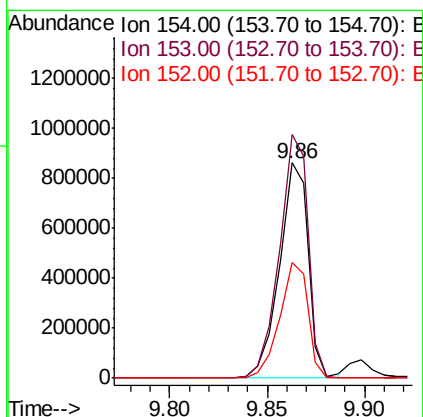
Manual Integrations  
 APPROVED

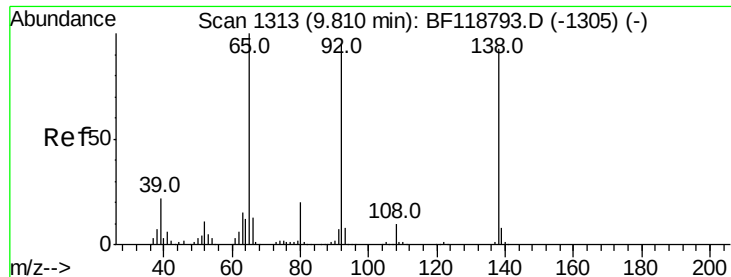
mohammad  
 2/17/2020 3:46:03 PM



#52  
 Acenaphthene  
 Concen: 47.653 ng  
 RT: 9.86 min Scan# 1322  
 Delta R.T. -0.03 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 880526 |       |       |
| 153     | 113.2 |        | 89.4  | 134.0 |
| 152     | 53.7  |        | 43.6  | 65.4  |





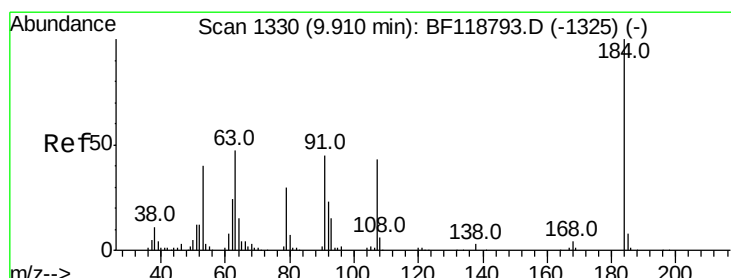
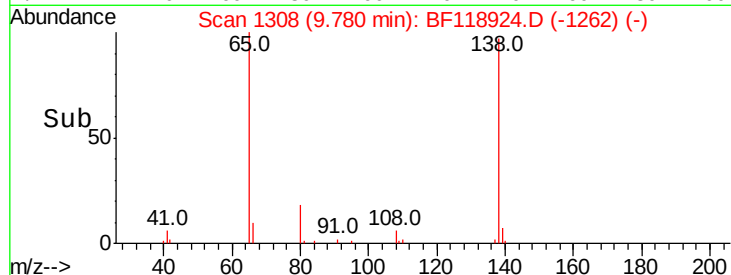
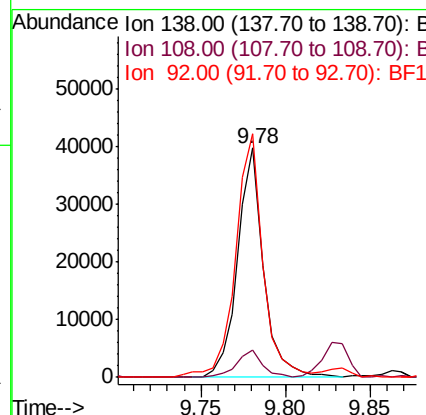
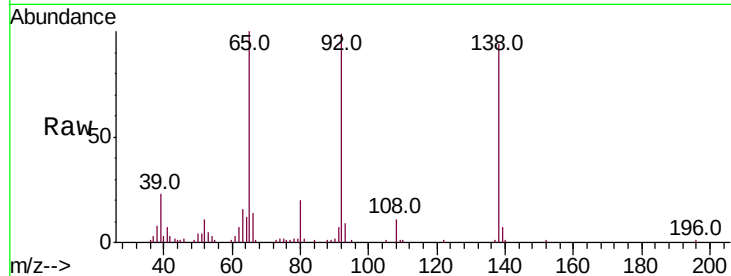
#53  
 3-Nitroaniline  
 Concen: 7.274 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. -0.03 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.9  | 8.5   | 12.7  |
| 92      | 106.3 | 82.2  | 123.4 |

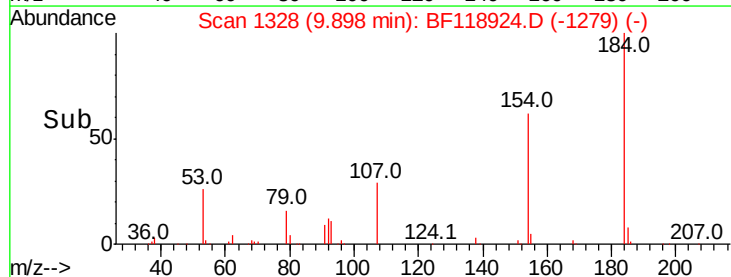
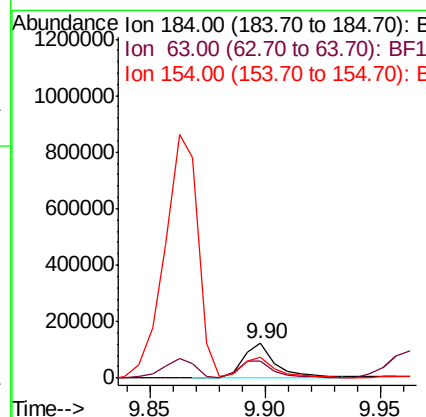
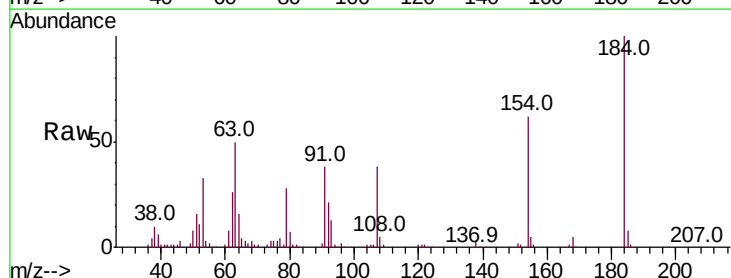
Manual Integrations  
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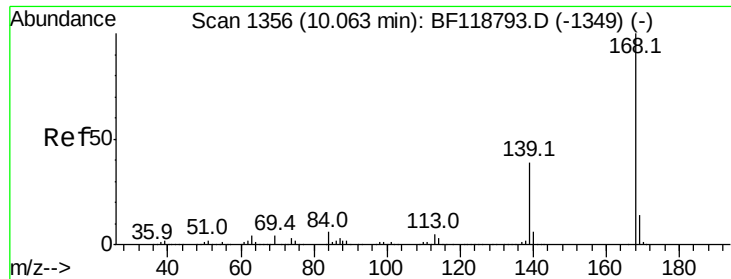
mohammad  
 2/17/2020 3:46:03 PM



#54  
 2,4-Dinitrophenol  
 Concen: 48.398 ng  
 RT: 9.90 min Scan# 1328  
 Delta R.T. -0.01 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 50.0  | 47.5  | 71.3  |
| 154     | 61.6  | 48.6  | 72.8  |





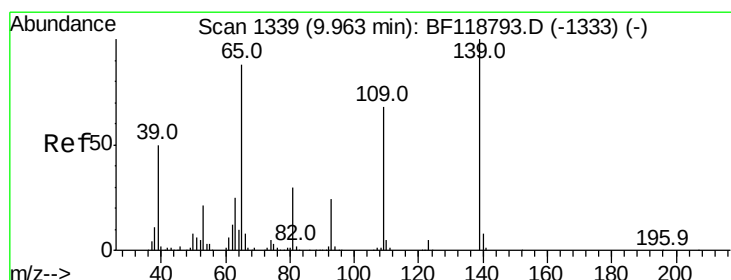
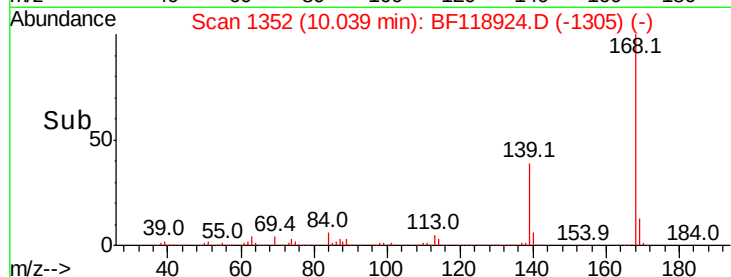
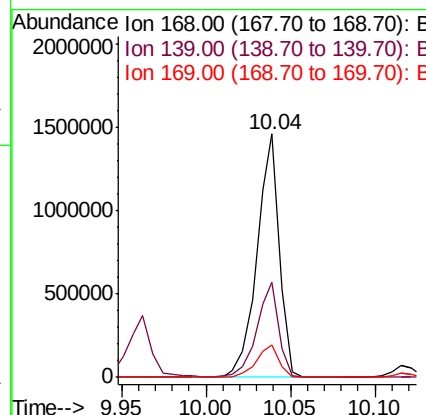
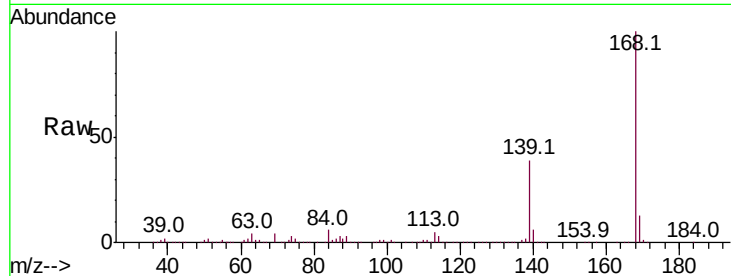
#55  
Dibenzenofuran  
Concen: 50.408 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.9  | 31.6  | 47.4  |
| 169     | 13.4  | 11.4  | 17.2  |

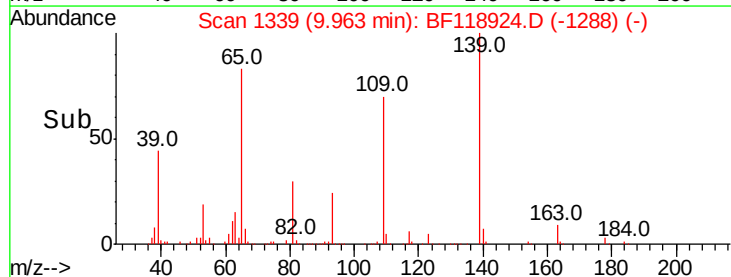
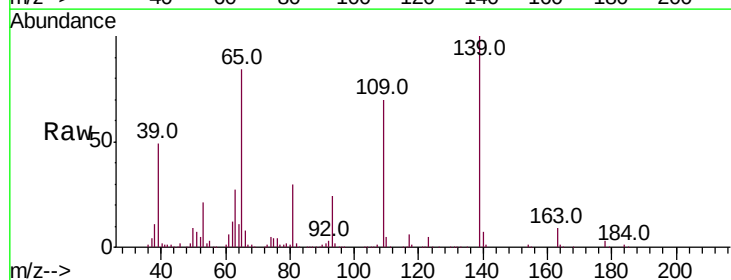
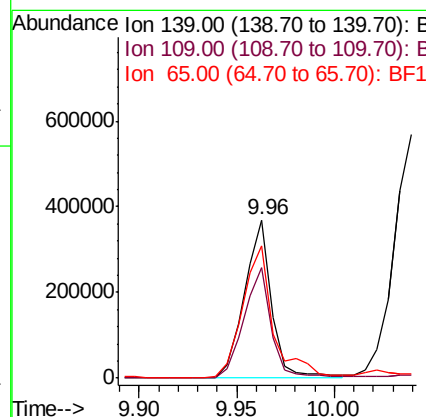
Manual Integrations  
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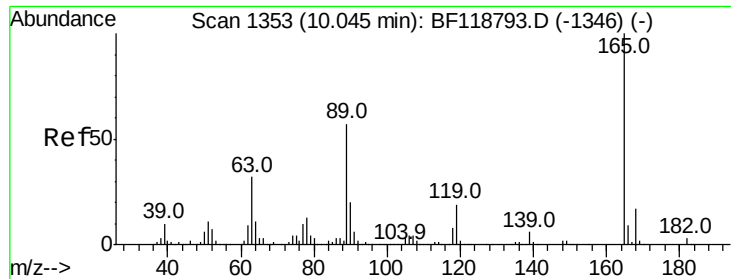


#56  
4-Nitrophenol  
Concen: 84.455 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 69.9  | 48.0  | 88.0  |
| 65      | 83.7  | 68.3  | 108.3 |







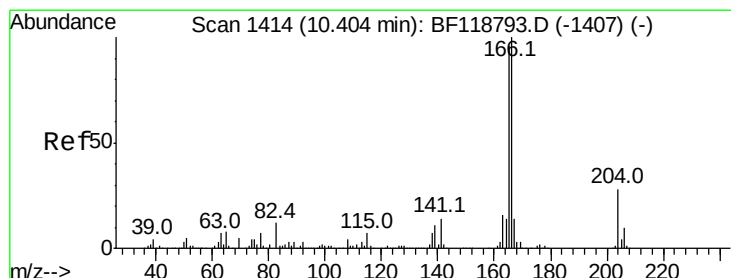
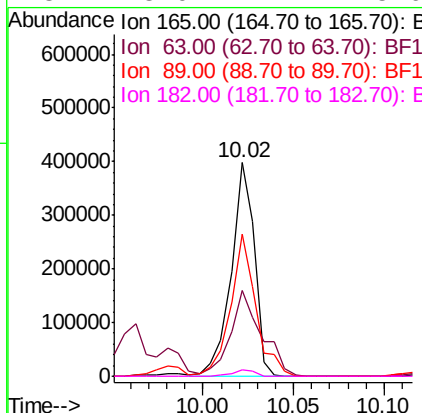
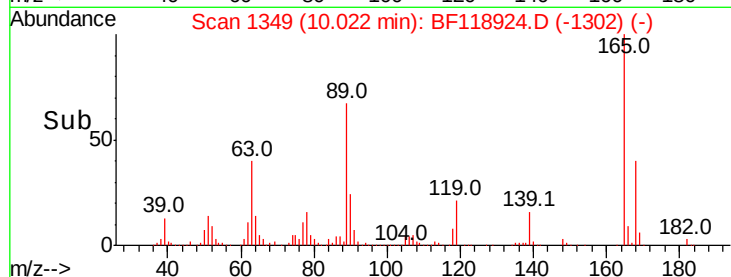
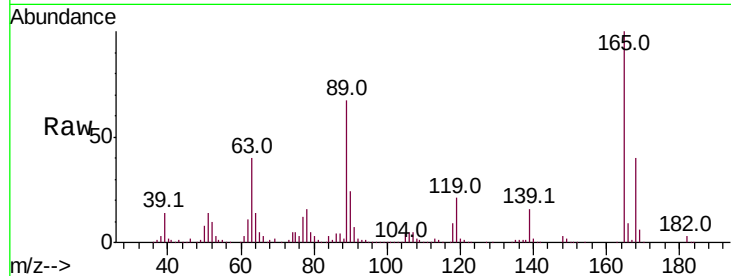
#57  
2,4-Dinitrotoluene  
Concen: 51.089 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 40.0  | 25.5 | 38.3  |       |
| 89      | 66.7  | 45.4 | 68.0  |       |
| 182     | 3.0   | 2.4  | 3.6   |       |

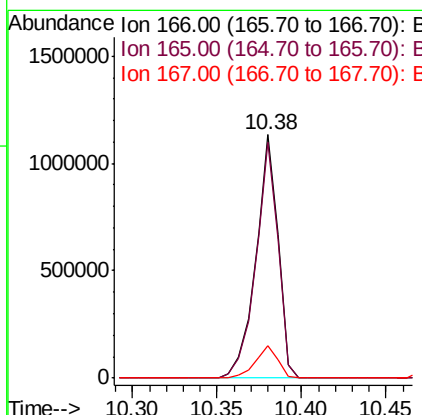
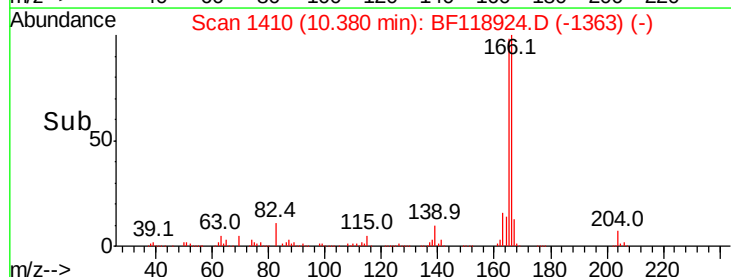
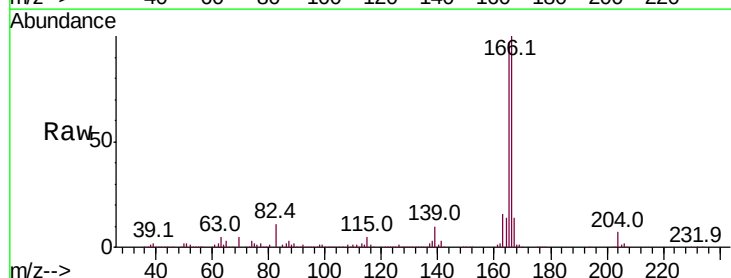
Manual Integrations  
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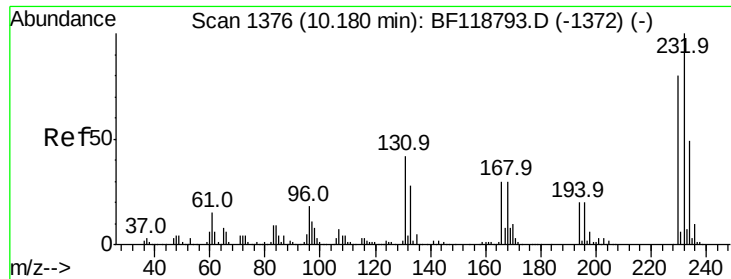
mohammad  
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#58  
Fluorene  
Concen: 51.621 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 97.0  | 77.0 | 115.6 |       |
| 167     | 13.6  | 11.1 | 16.7  |       |





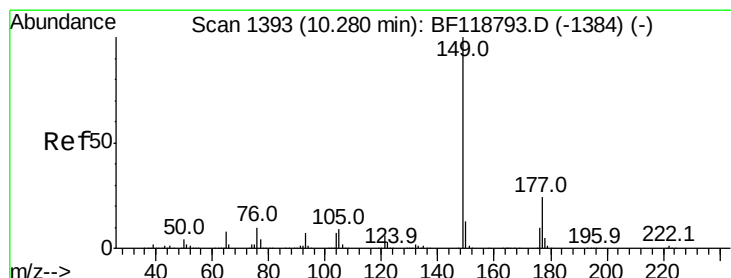
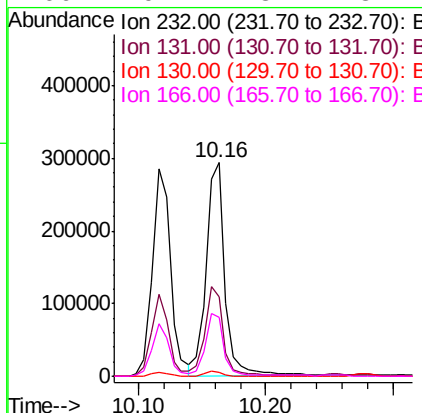
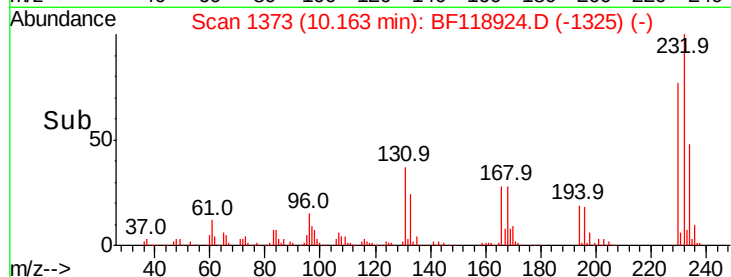
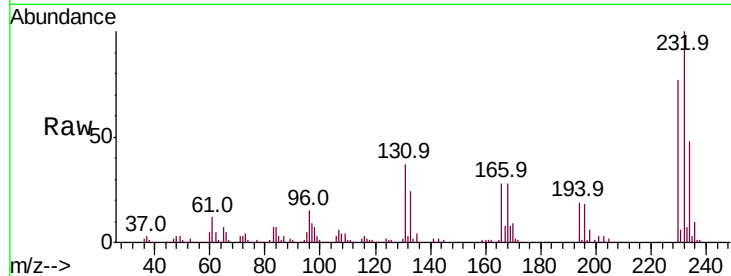
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.493 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.2  | 31.8  | 47.6  |
| 130     | 2.1   | 1.6   | 2.4   |
| 166     | 29.2  | 23.1  | 34.7  |

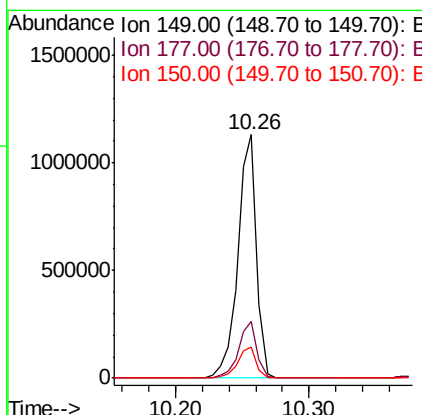
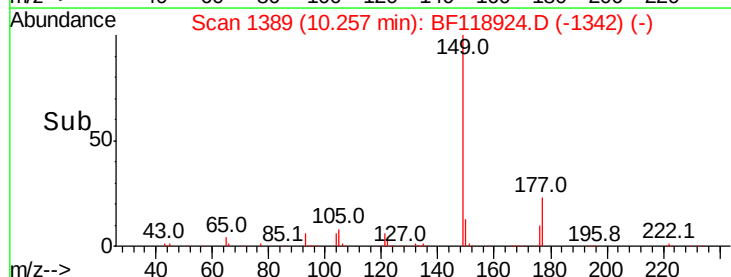
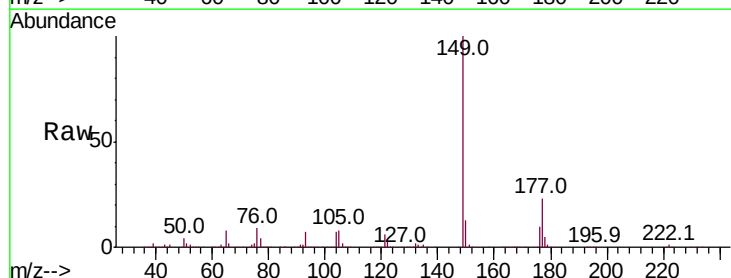
Manual Integrations  
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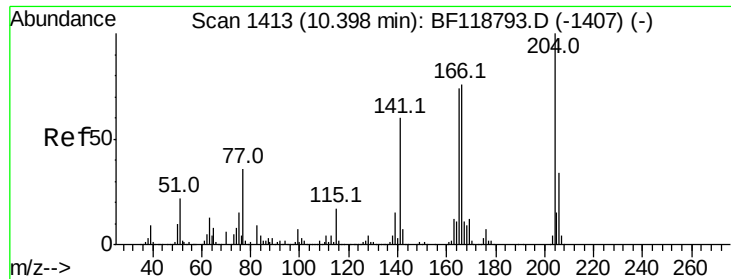
mohammad  
2/17/2020 3:46:03 PM



#60  
Diethylphthalate  
Concen: 48.935 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.3  | 19.3  | 28.9  |
| 150     | 12.7  | 10.4  | 15.6  |





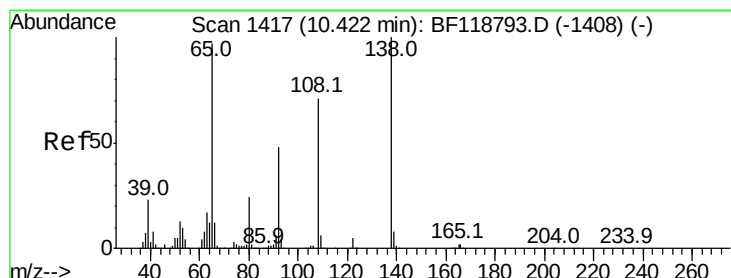
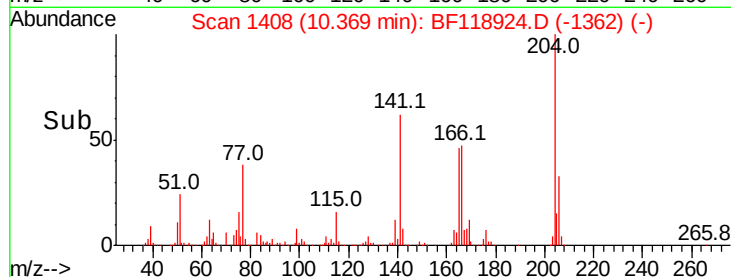
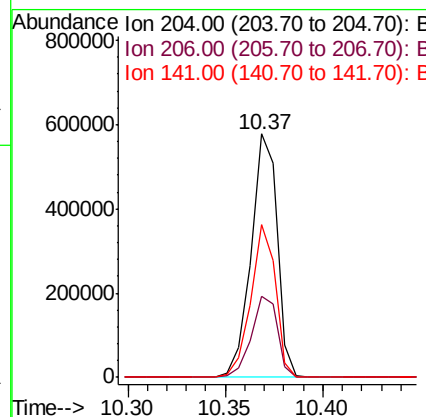
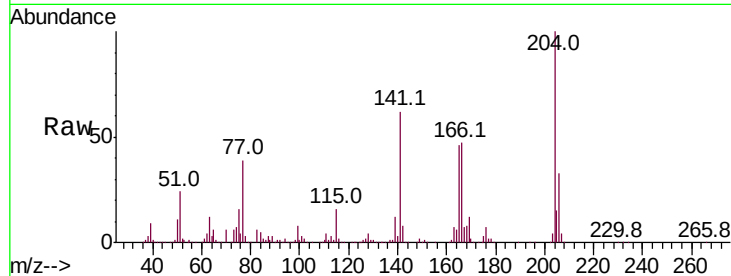
#61  
4-Chlorophenyl-phenylether  
Concen: 49.063 ng  
RT: 10.37 min Scan# 1408  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 27.4  | 41.2  |
| 141     | 62.5  | 47.8  | 71.6  |

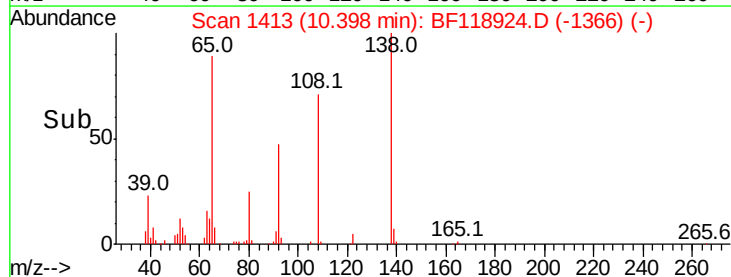
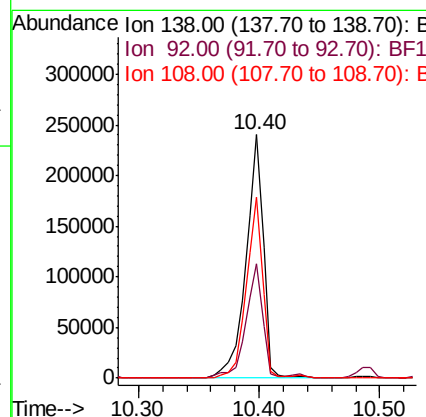
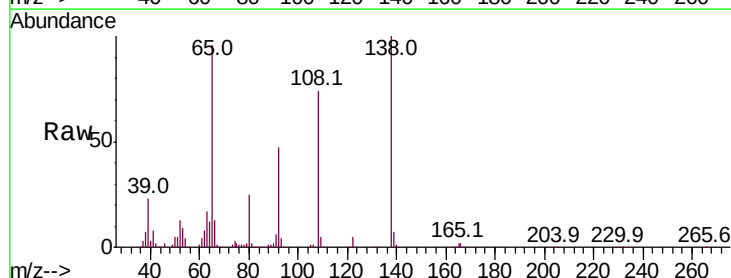
Manual Integrations  
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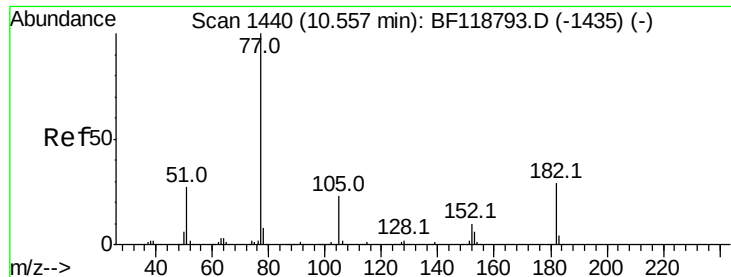
mohammad  
2/17/2020 3:46:03 PM



#62  
4-Nitroaniline  
Concen: 41.675 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.9  | 27.6  | 67.6  |
| 108     | 74.1  | 51.3  | 91.3  |





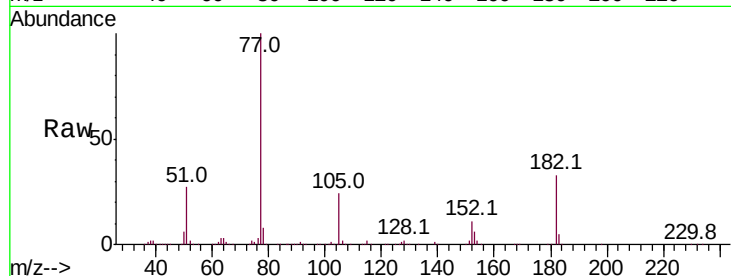
#63  
Azobenzene  
Concen: 50.769 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

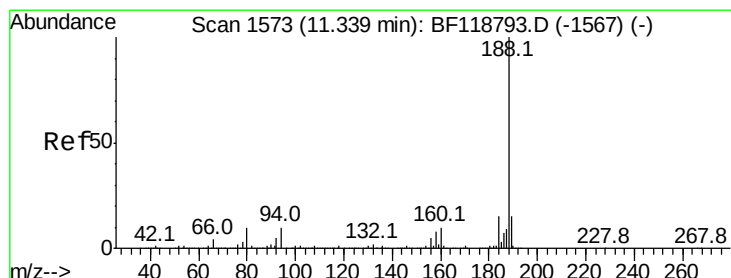
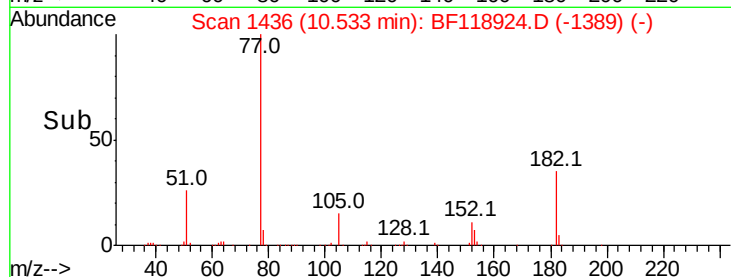
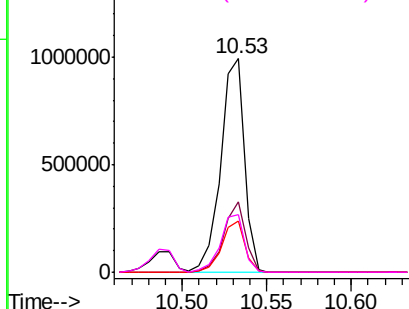
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 969149 |       |       |
| 182     | 33.2 | 9.2   | 49.2   |       |       |
| 105     | 24.2 | 3.1   | 43.1   |       |       |
| 51      | 27.0 | 7.4   | 47.4   |       |       |

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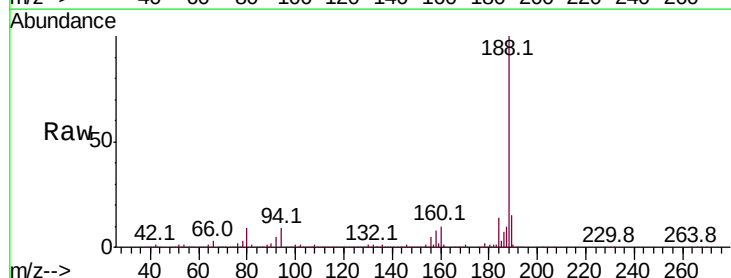


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

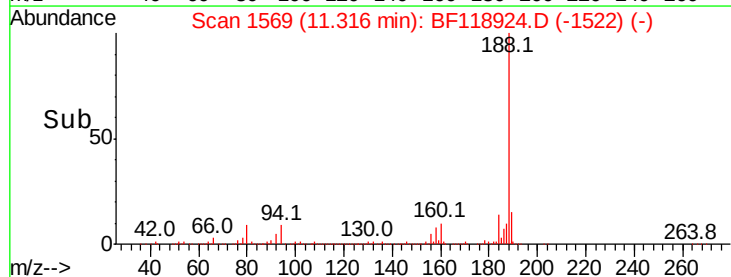
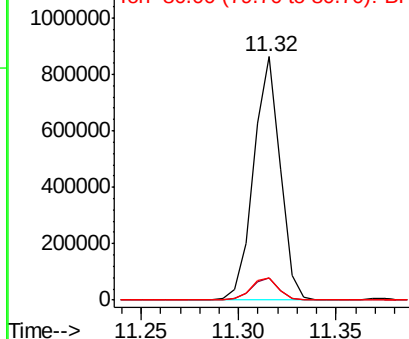


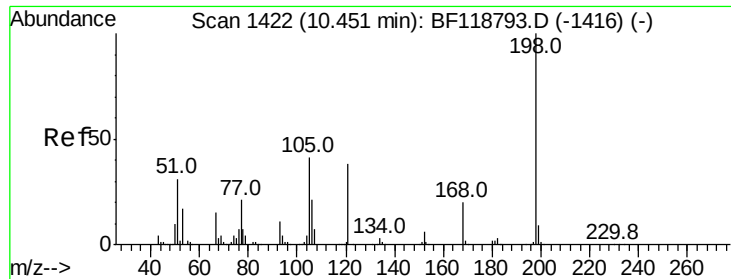
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1569  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 810171 |       |       |
| 94      | 8.9 | 7.9   | 11.9   |       |       |
| 80      | 9.2 | 8.4   | 12.6   |       |       |



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





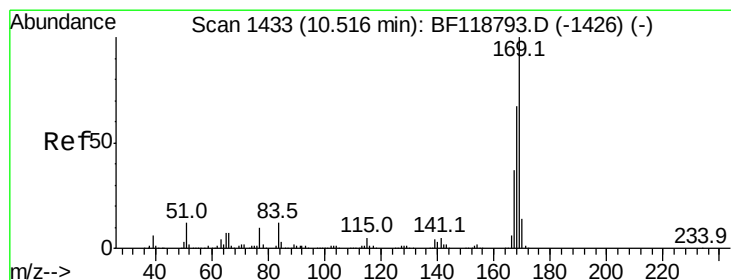
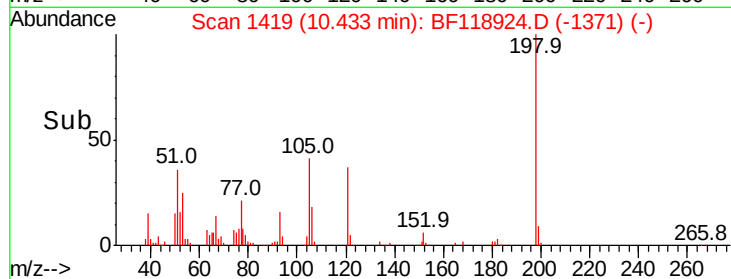
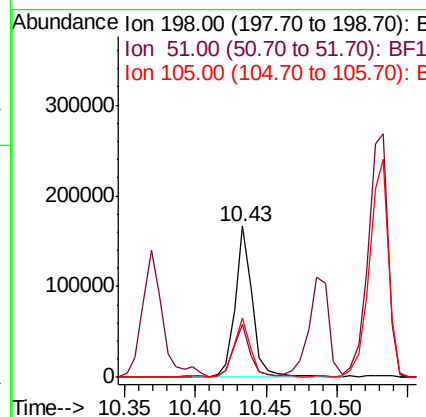
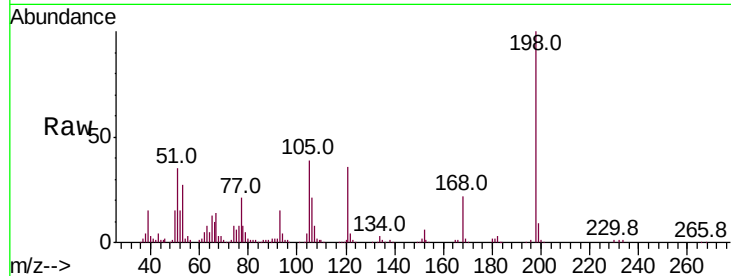
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 31.168 ng  
 RT: 10.43 min Scan# 1419  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 34.8  | 16.7  | 56.7  |
| 105     | 39.5  | 22.0  | 62.0  |

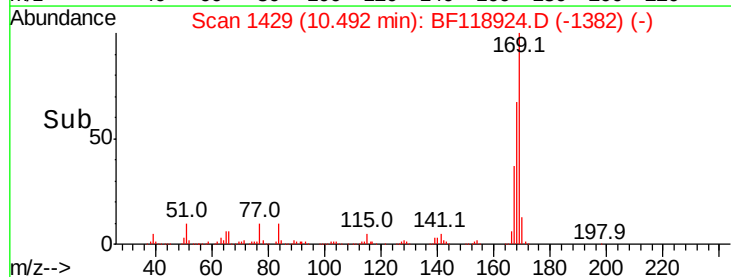
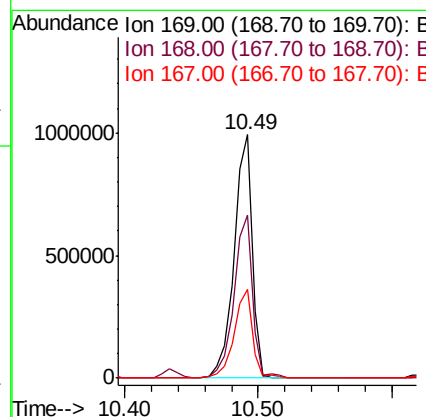
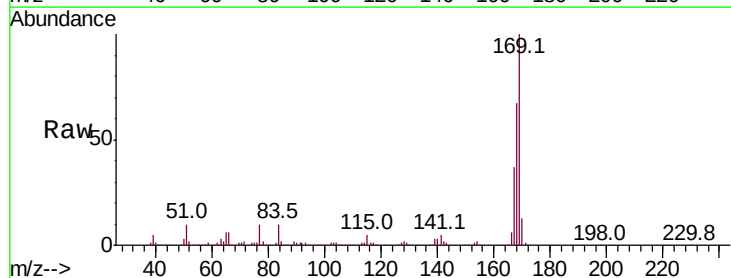
Manual Integrations  
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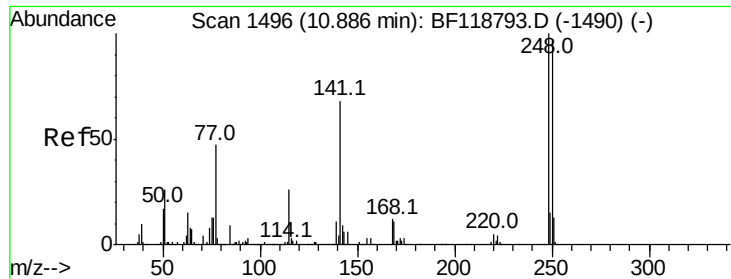
mohammad  
 2/17/2020 3:46:03 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 40.781 ng  
 RT: 10.49 min Scan# 1429  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.2  | 53.5  | 80.3  |
| 167     | 36.7  | 29.3  | 43.9  |





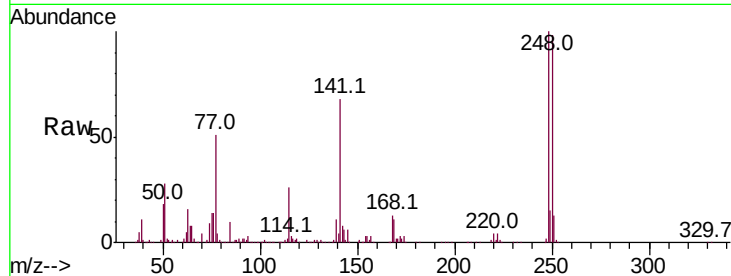
#67  
4-Bromophenyl-phenylether  
Concen: 51.162 ng  
RT: 10.86 min Scan# 1491  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 77.6  | 116.4 |
| 141     | 68.5  | 54.4  | 81.6  |

Manual Integrations  
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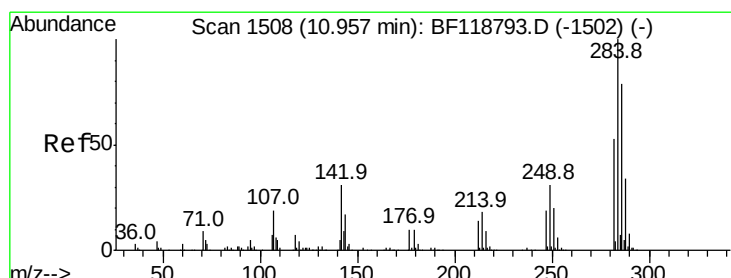
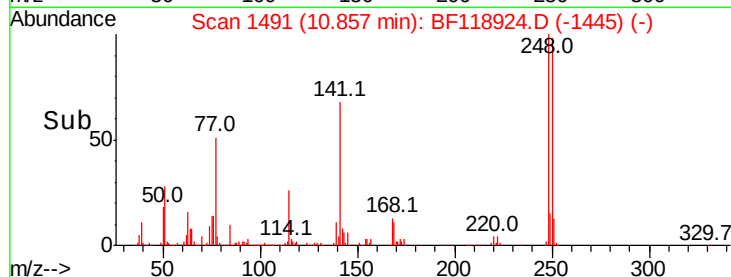
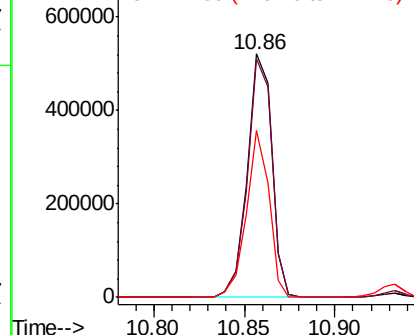


Abundance

Ion 248.00 (247.70 to 248.70): E

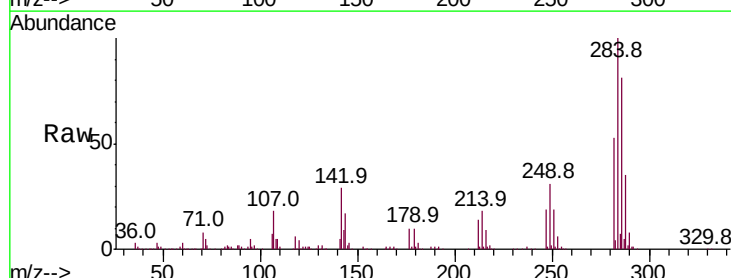
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 47.654 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.8  | 24.5  | 36.7  |
| 249     | 31.1  | 24.7  | 37.1  |

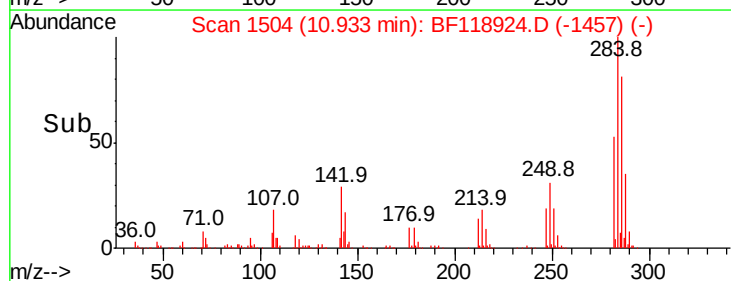
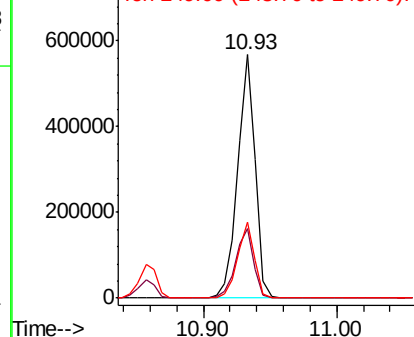


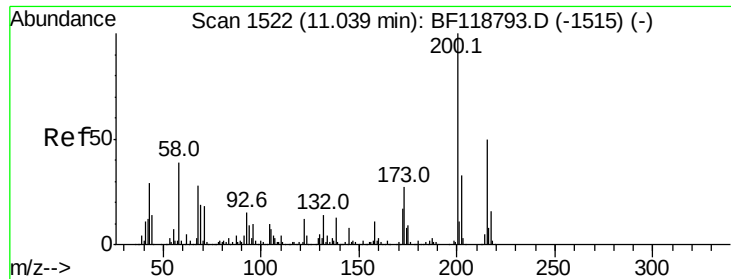
Abundance

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





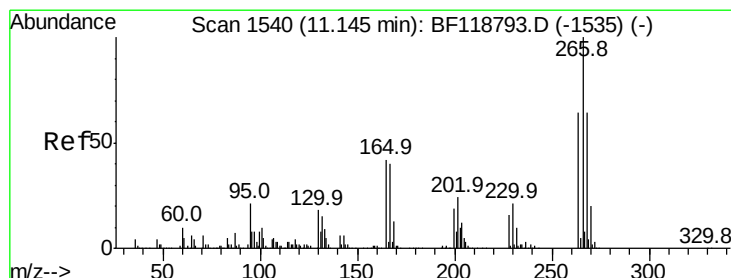
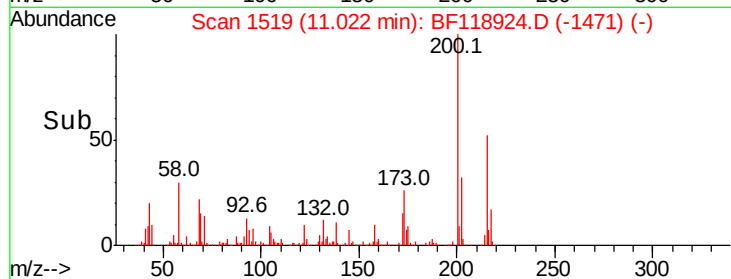
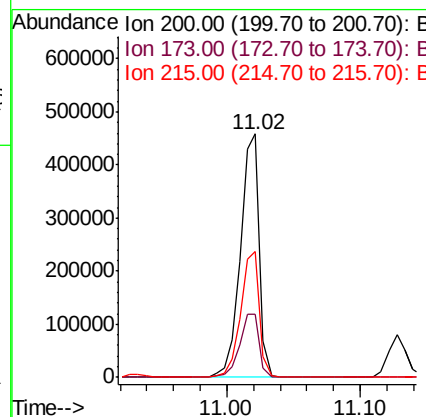
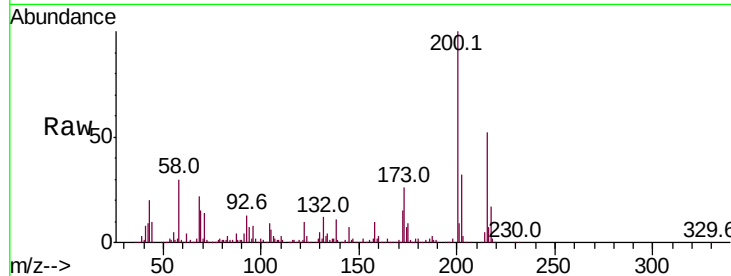
#69  
Atrazine  
Concen: 57.935 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 7.5   | 47.5  |
| 215     | 51.6  | 29.9  | 69.9  |

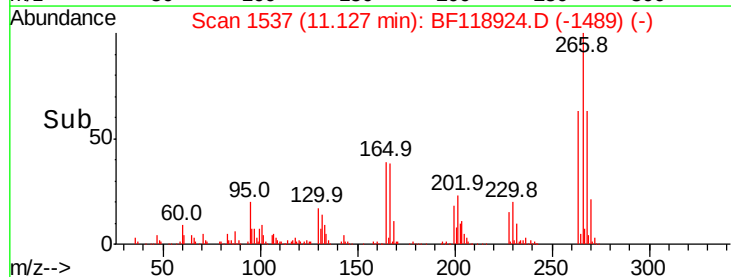
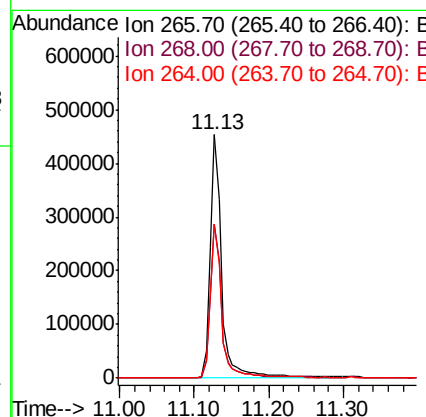
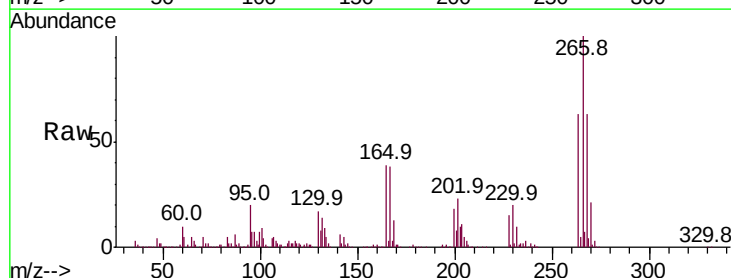
Manual Integrations  
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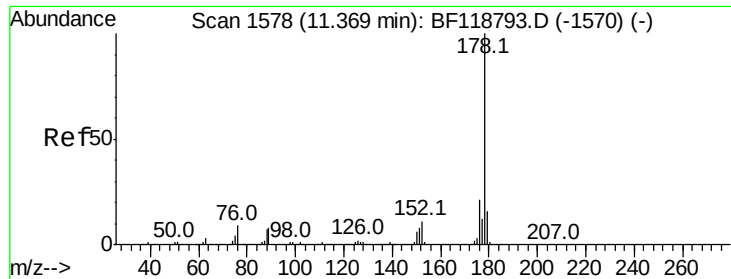
mohammad  
2/17/2020 3:46:03 PM



#70  
Pentachlorophenol  
Concen: 85.546 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 51.0  | 76.6  |
| 264     | 63.0  | 51.4  | 77.2  |





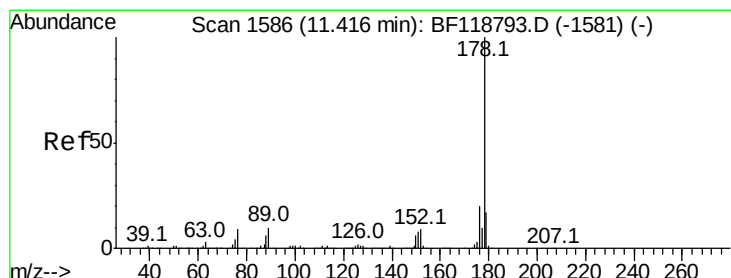
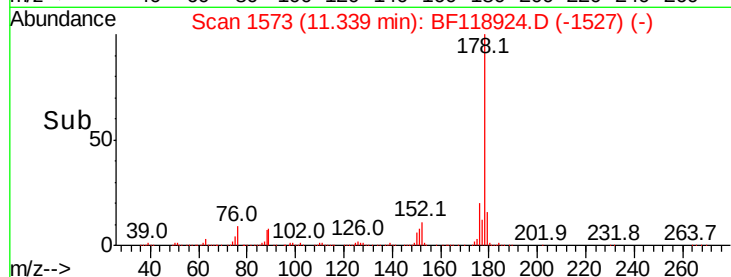
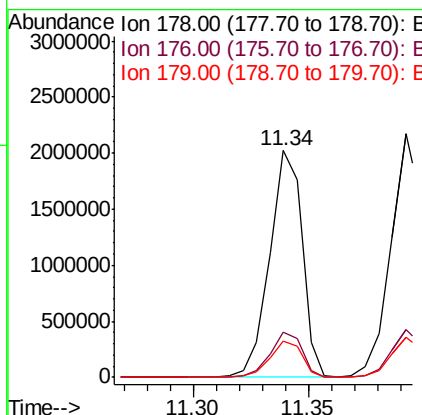
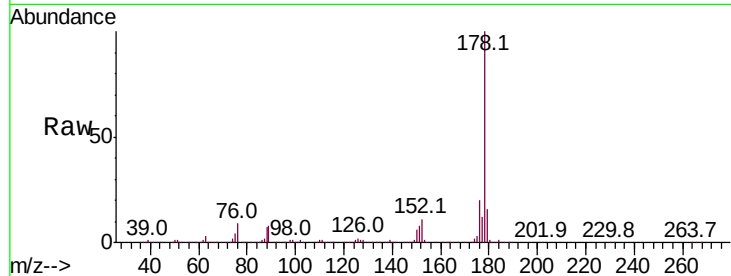
#71  
Phenanthrene  
Concen: 49.873 ng  
RT: 11.34 min Scan# 1573  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

Tot Ion:178 Resp: 1988032  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.6 24.8  
179 16.1 13.2 19.8

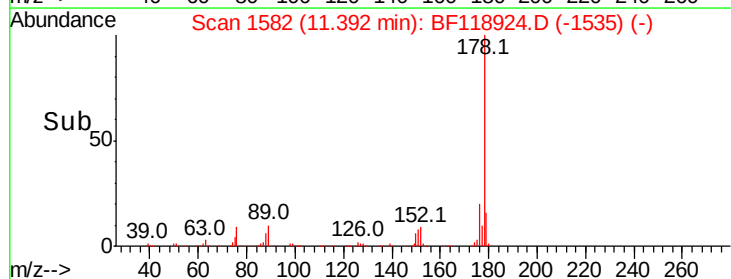
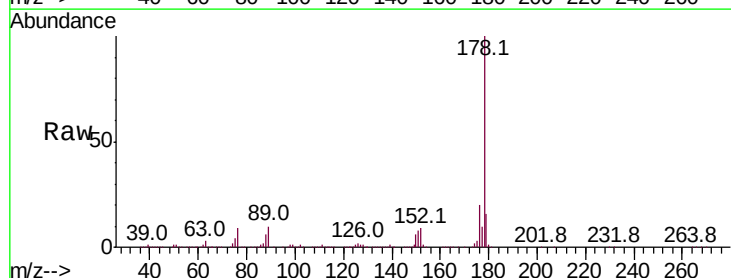
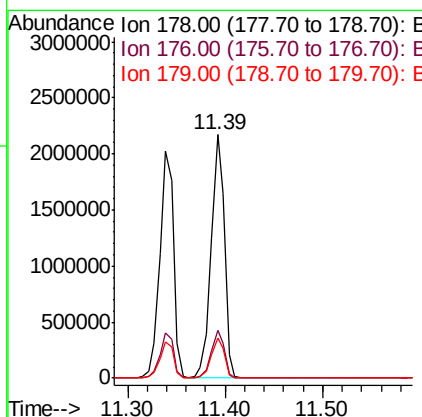
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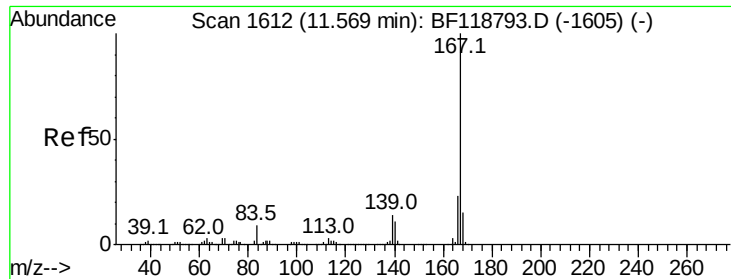


#72  
Anthracene  
Concen: 51.893 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Tgt Ion:178 Resp: 2057836  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.2 24.2  
179 16.3 13.4 20.2







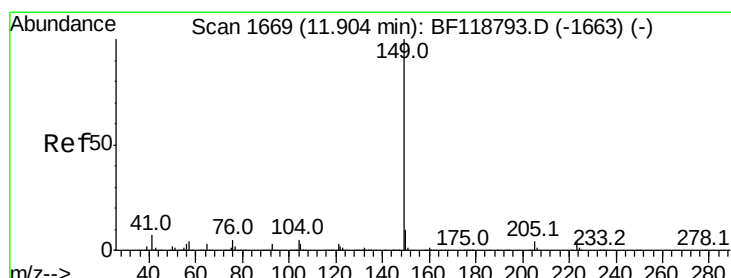
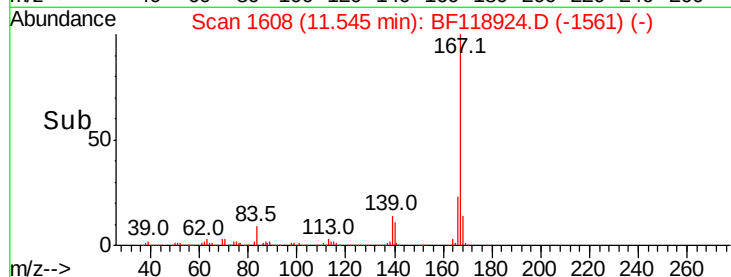
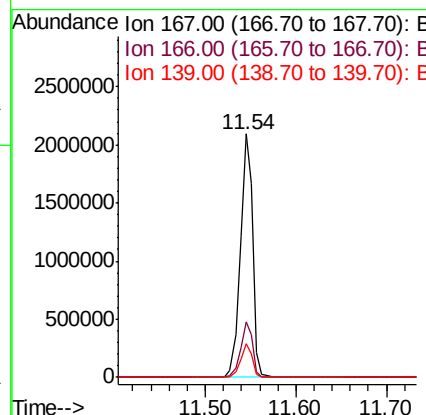
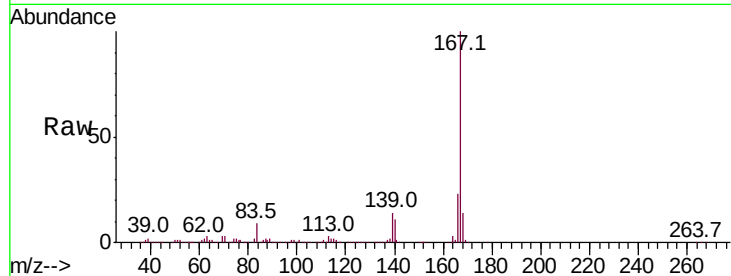
#73  
 Carbazole  
 Concen: 57.573 ng  
 RT: 11.54 min Scan# 1608  
 Delta R.T. -0.02 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.7  | 18.4  | 27.6  |
| 139     | 13.6  | 11.1  | 16.7  |

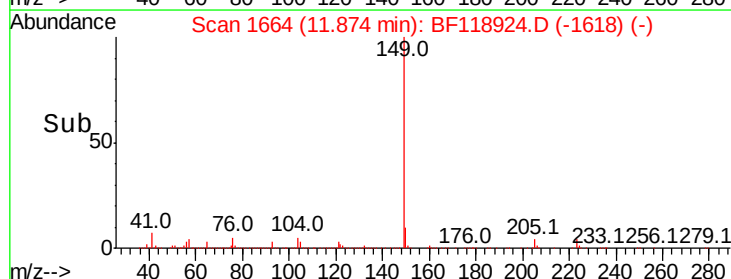
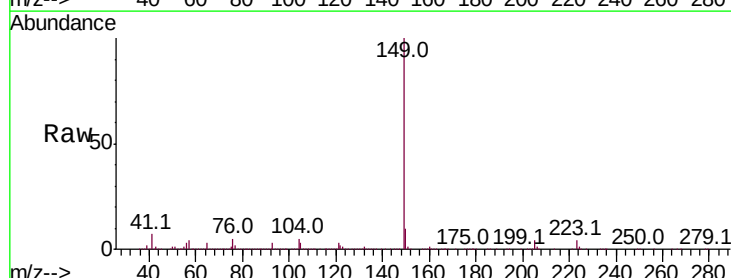
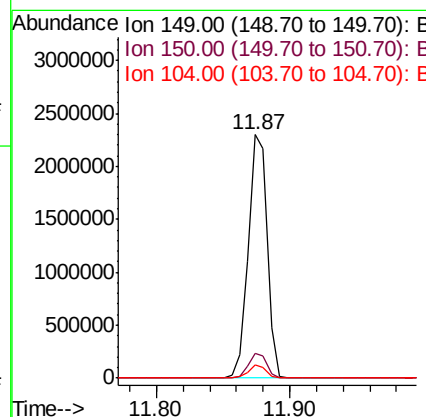
Manual Integrations  
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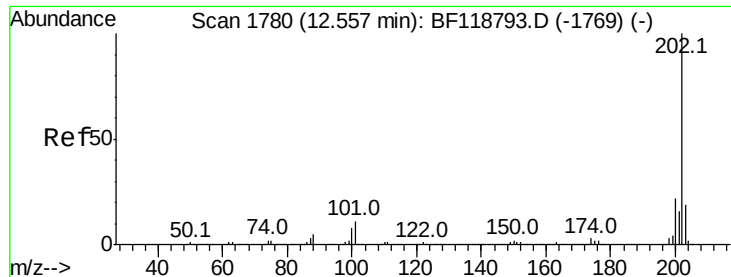
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#74  
 Di-n-butylphthalate  
 Concen: 50.408 ng  
 RT: 11.87 min Scan# 1664  
 Delta R.T. -0.03 min  
 Lab File: BF118924.D  
 Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 8.1   | 12.1  |
| 104     | 5.4   | 4.3   | 6.5   |





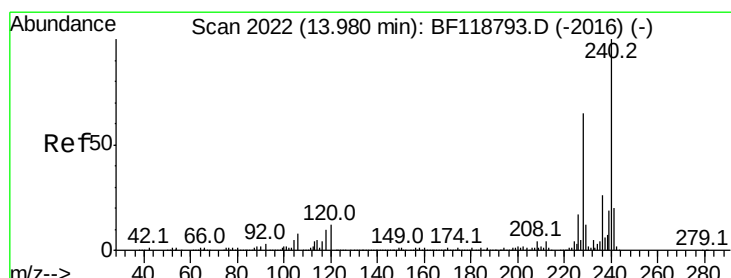
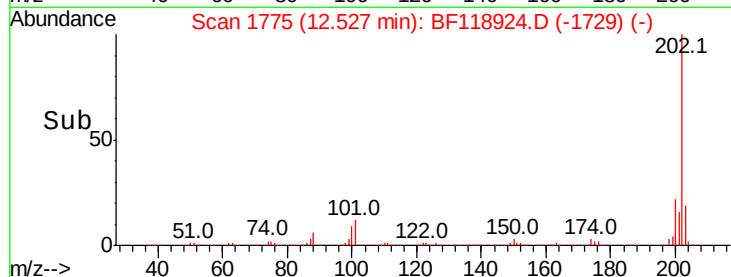
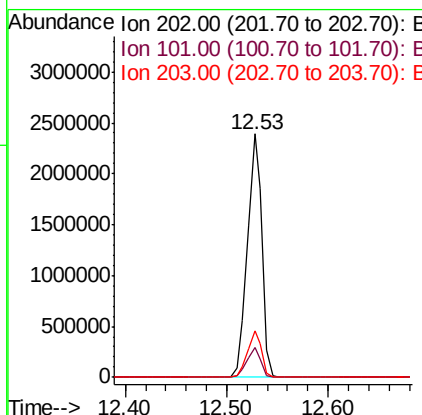
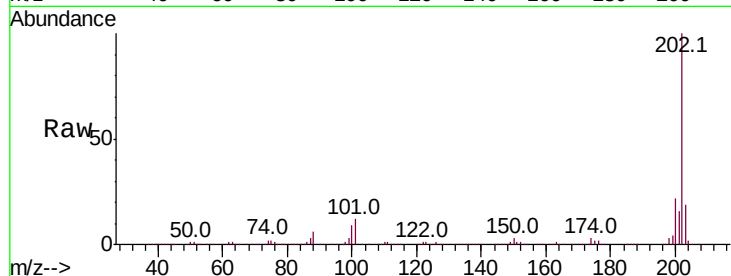
#75  
Fluoranthene  
Concen: 54.276 ng  
RT: 12.53 min Scan# 1775  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.3  | 0.0   | 31.0  |
| 203     | 19.0  | 0.0   | 38.7  |

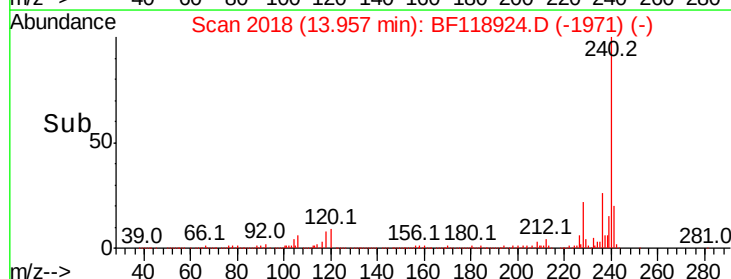
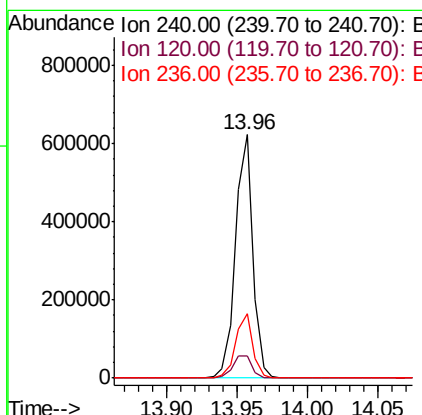
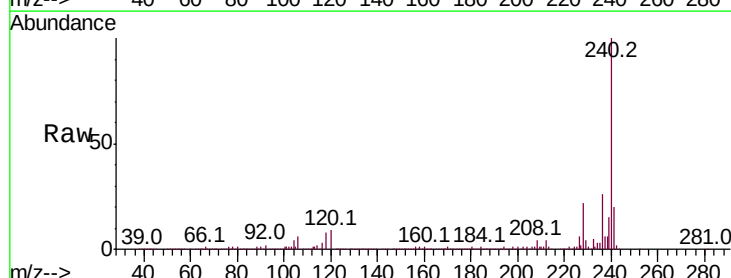
Manual Integrations  
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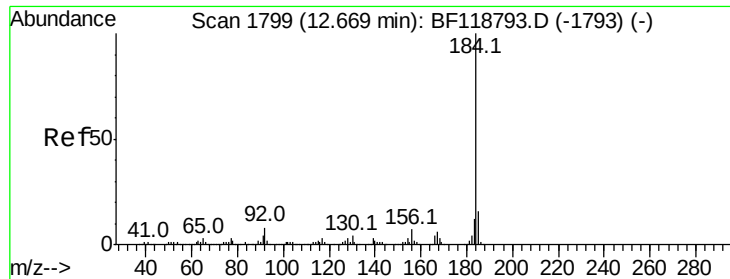
mohammad  
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.02 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.0   | 9.4   | 14.0# |
| 236     | 26.2  | 21.0  | 31.6  |





#77

Benzidine

Concen: 43.884 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

ClientSampleId :

2S-SECTION-FMS

Tot Ion:184 Resp: 704504

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

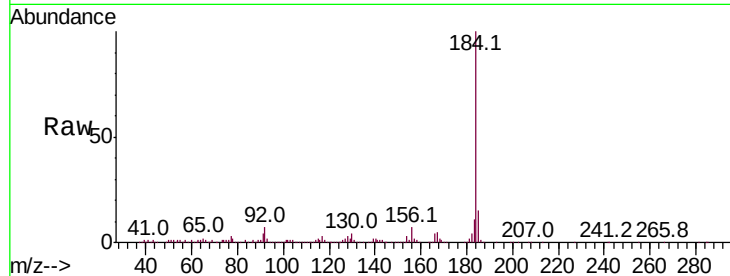
183 11.4 9.7 14.5

Manual Integrations

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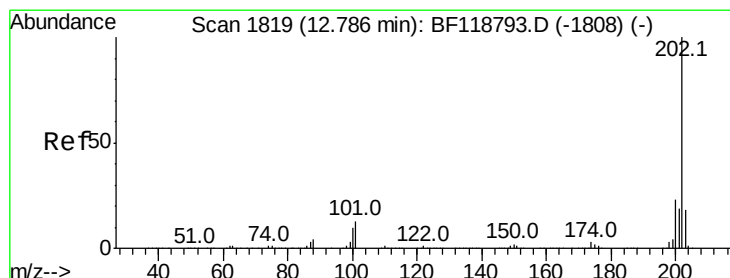
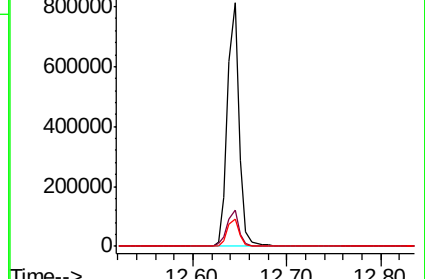
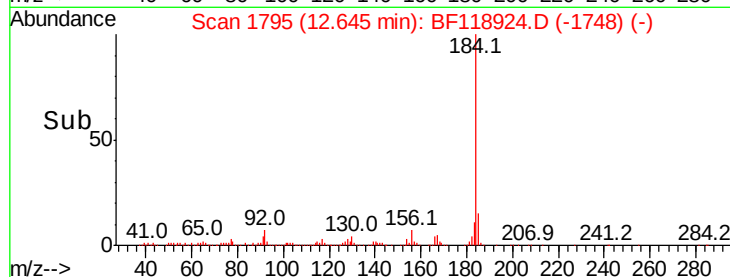
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 65.443 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

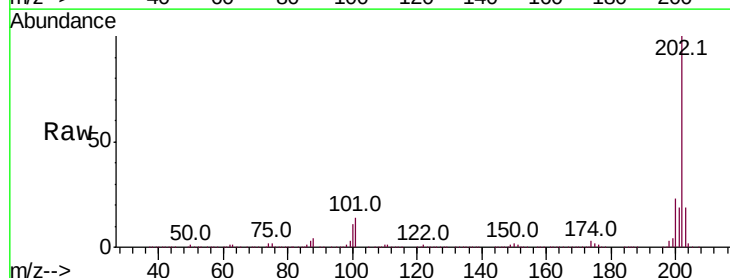
Tgt Ion:202 Resp: 2382984

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

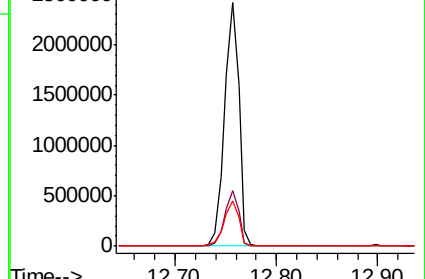
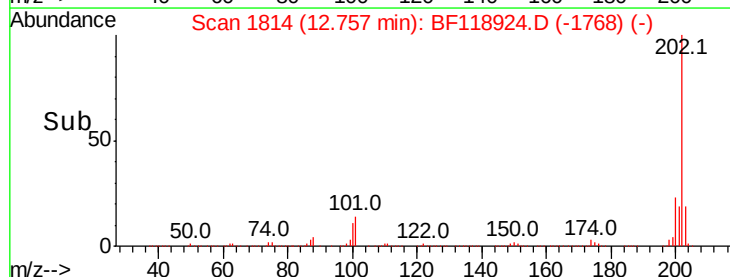
203 18.6 14.8 22.2

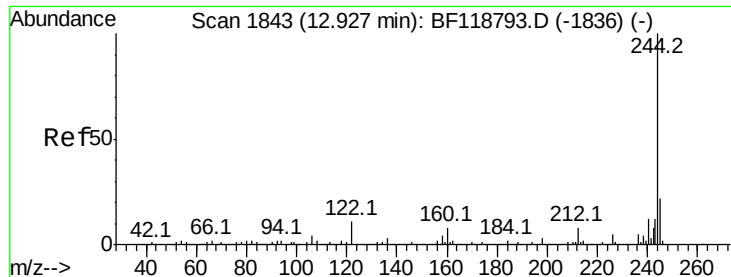


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 122.059 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

ClientSampleId :

2S-SECTION-FMS

Tot Ion:244 Resp: 3154092

Ion Ratio Lower Upper

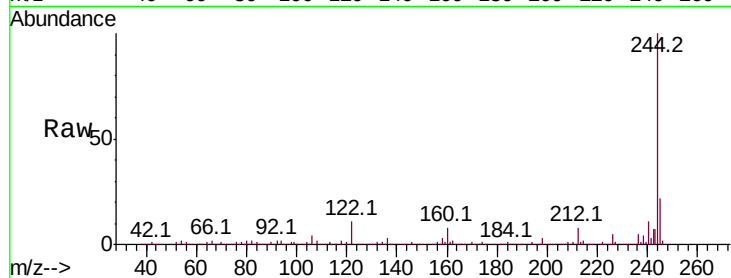
244 100

212 7.8 6.5 9.7

122 11.0 8.9 13.3

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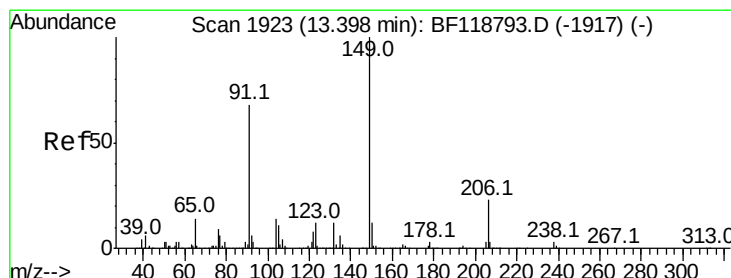
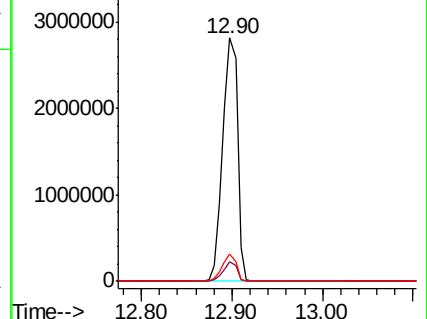
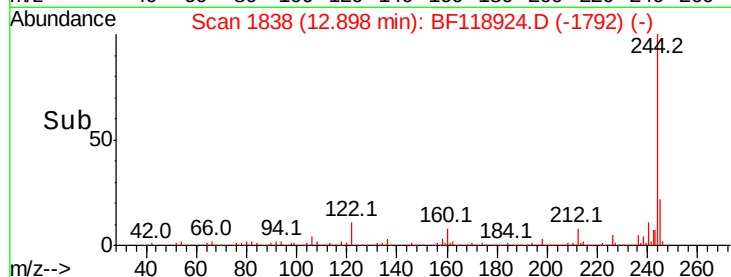
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.972 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.03 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

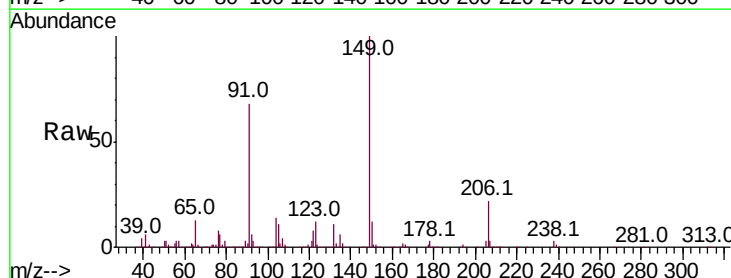
Tgt Ion:149 Resp: 730817

Ion Ratio Lower Upper

149 100

91 67.7 54.7 82.1

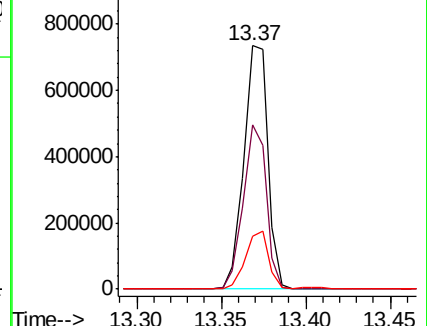
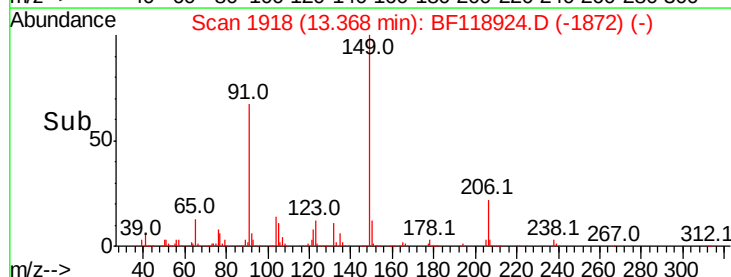
206 22.0 18.5 27.7

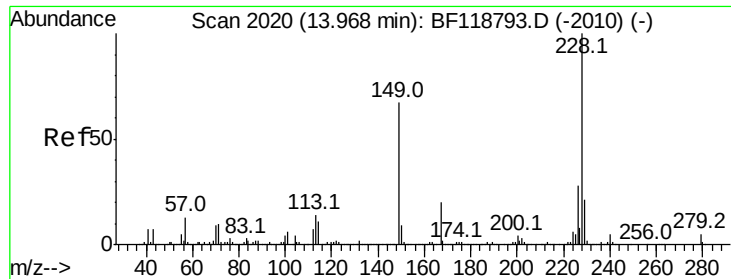


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.643 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

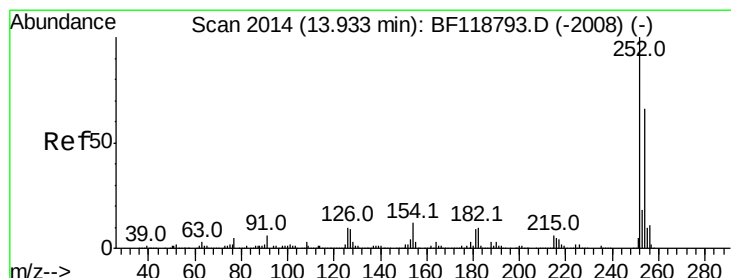
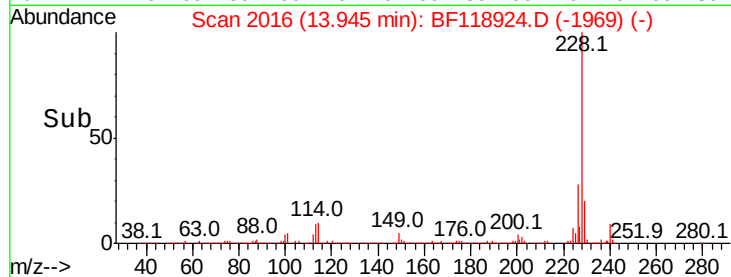
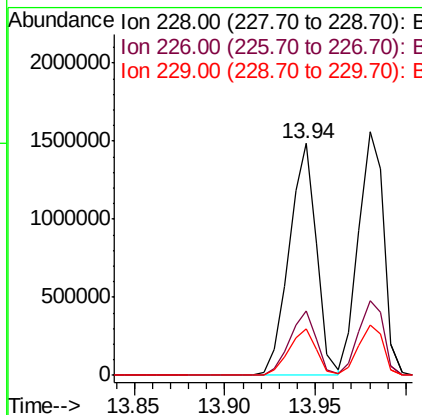
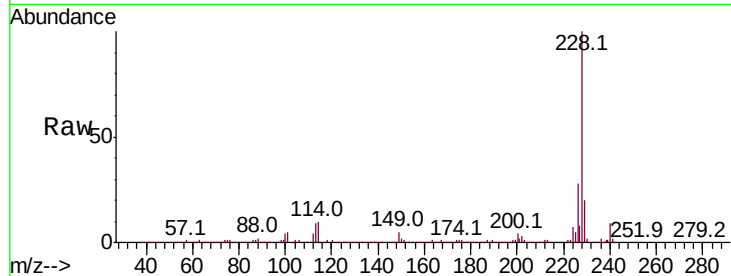
ClientSampleId :

2S-SECTION-FMS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 1567941 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 27.7  | 22.7  | 34.1    |
| 229      | 20.2  | 16.6  | 25.0    |

Manual Integrations  
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#82

3,3'-Dichlorobenzidine

Concen: 8.404 ng

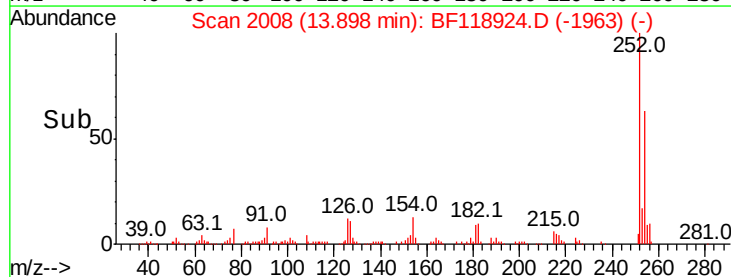
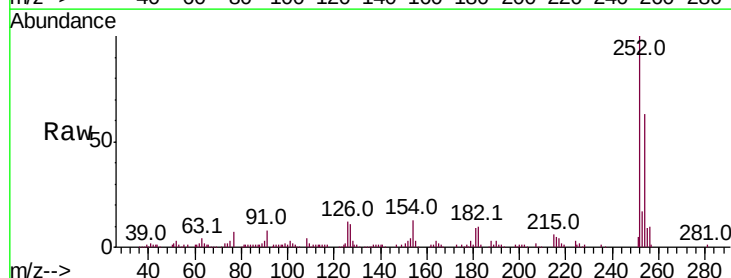
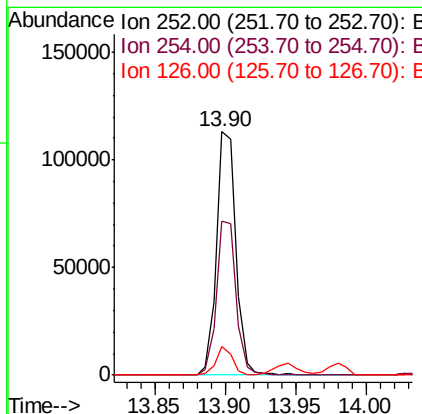
RT: 13.90 min Scan# 2008

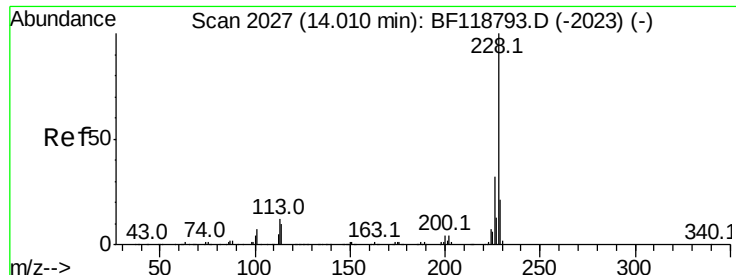
Delta R.T. -0.04 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 108568 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 63.2  | 52.4  | 78.6   |
| 126      | 11.7  | 7.8   | 11.8   |





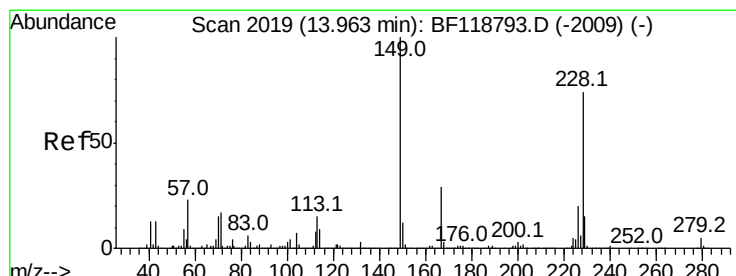
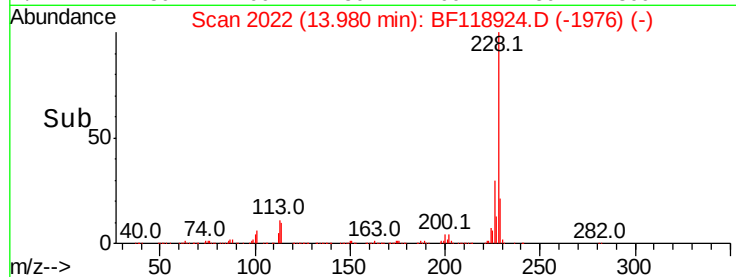
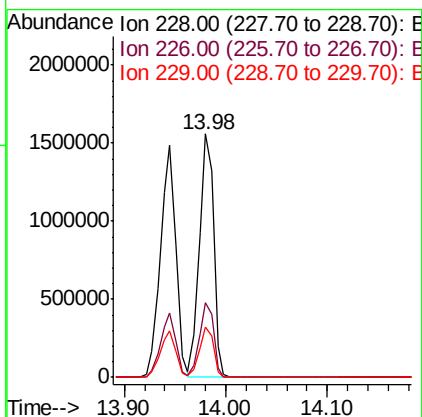
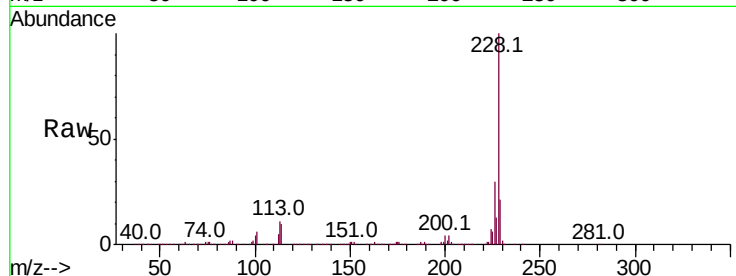
#83  
Chrysene  
Concen: 47.989 ng  
RT: 13.98 min Scan# 2022  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

Tot Ion:228 Resp: 1521251  
Ion Ratio Lower Upper  
228 100  
226 30.4 25.4 38.0  
229 20.5 16.9 25.3

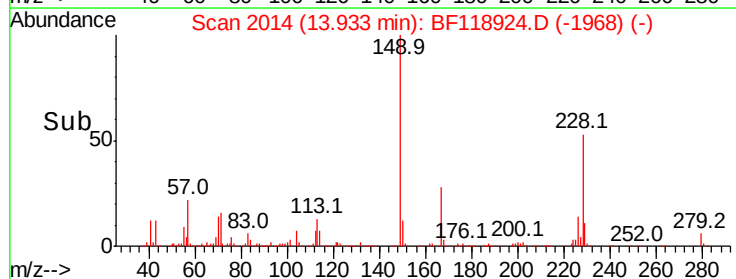
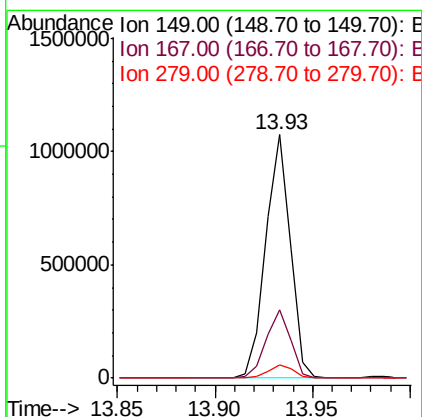
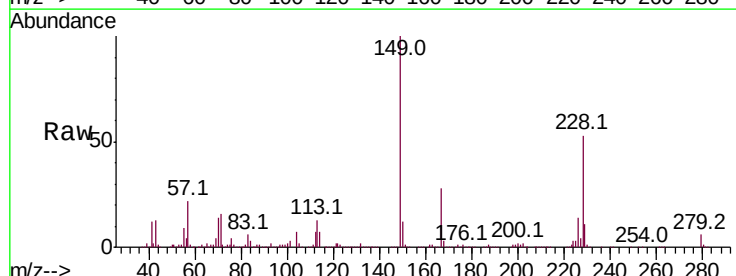
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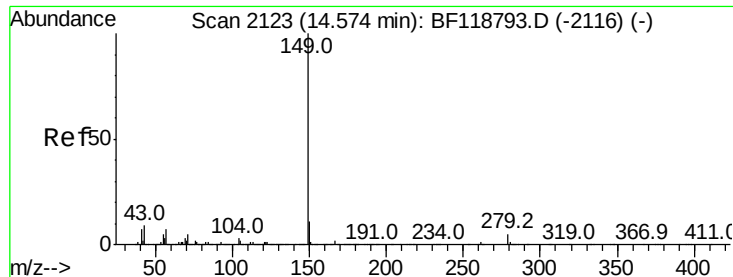
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.455 ng  
RT: 13.93 min Scan# 2014  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Tgt Ion:149 Resp: 937371  
Ion Ratio Lower Upper  
149 100  
167 28.1 23.0 34.6  
279 5.6 4.4 6.6





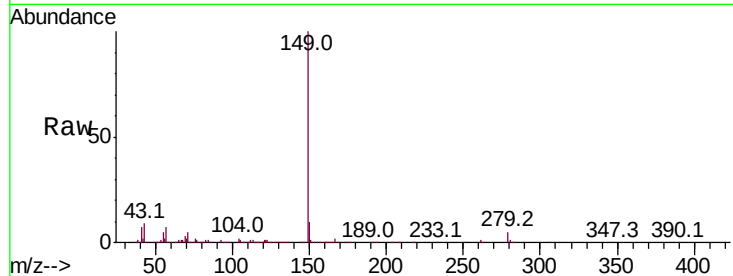
#85  
Di-n-octyl phthalate  
Concen: 43.898 ng  
RT: 14.54 min Scan# 2117  
Delta R.T. -0.04 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 7.9   | 6.6   | 10.0  |

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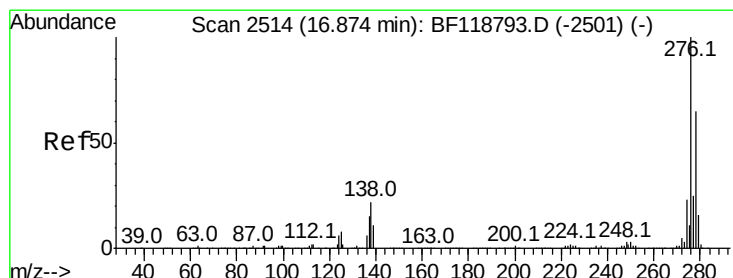
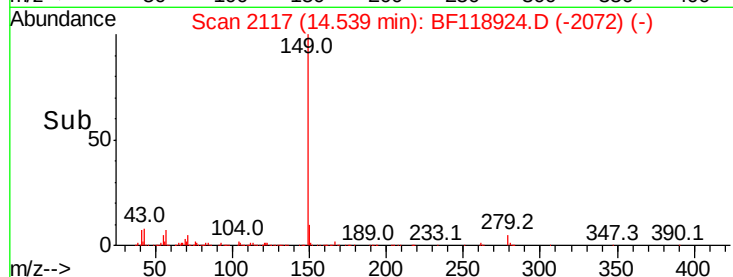
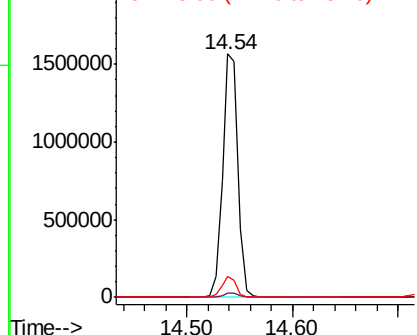


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 46.243 ng  
RT: 16.83 min Scan# 2506  
Delta R.T. -0.05 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

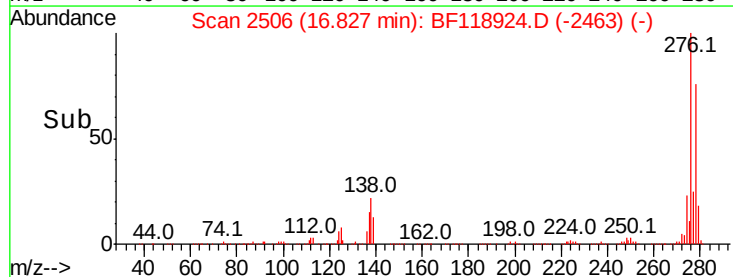
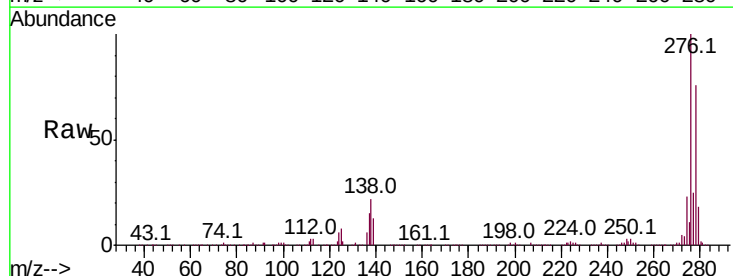
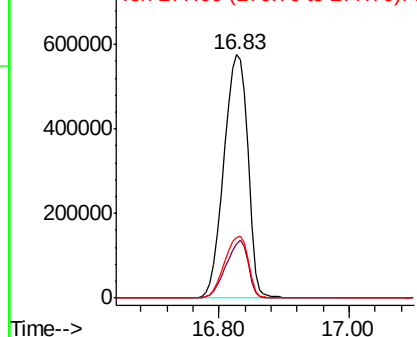
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.3  | 18.3  | 27.5  |
| 277     | 25.4  | 20.2  | 30.4  |

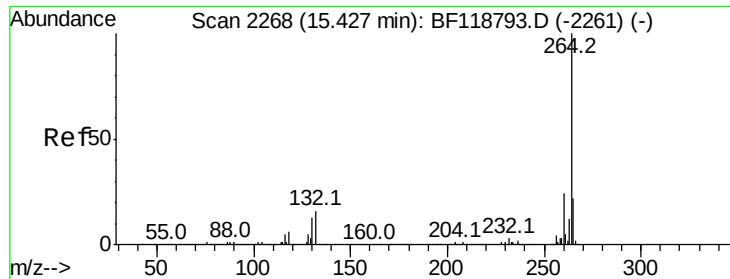
Abundance

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





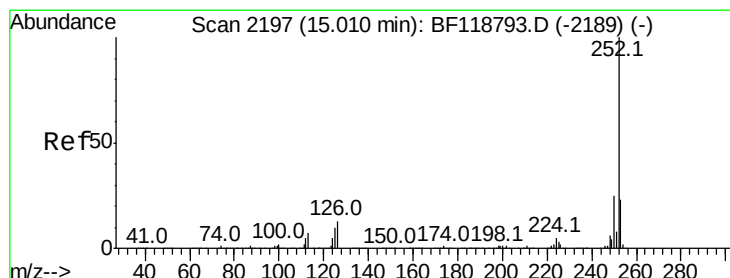
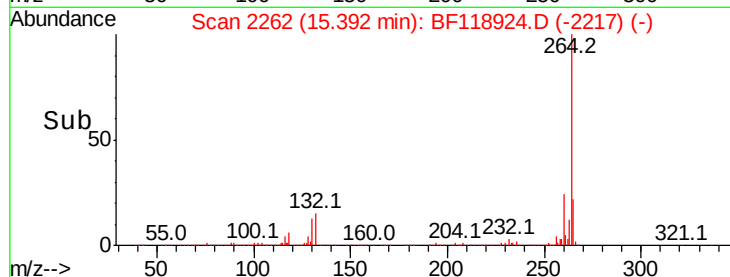
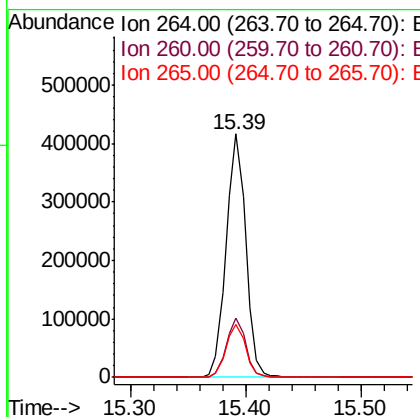
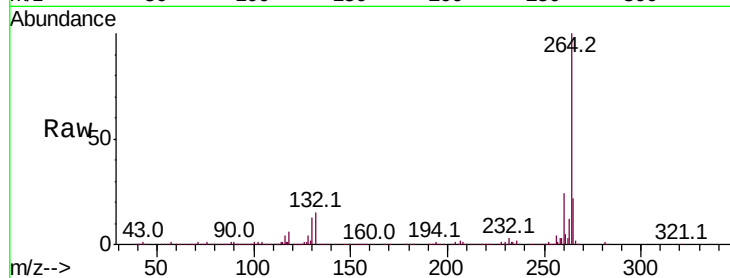
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. -0.04 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.1  | 28.7  |
| 265     | 21.5  | 17.2  | 25.8  |

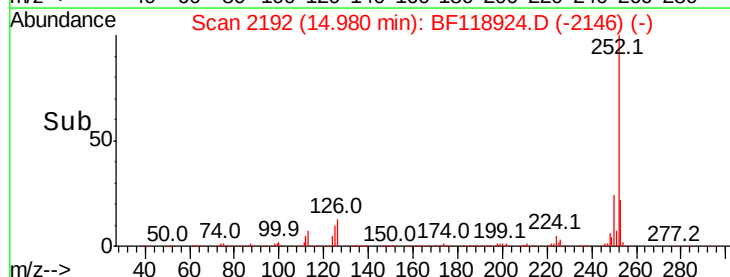
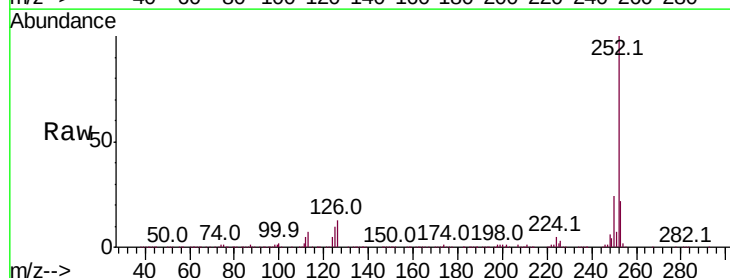
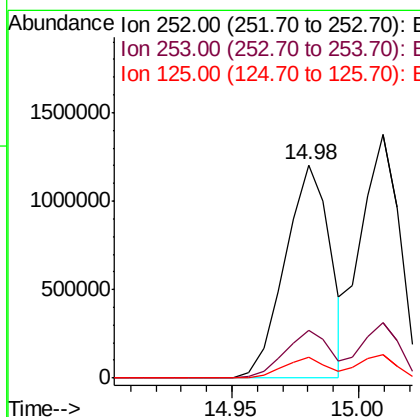
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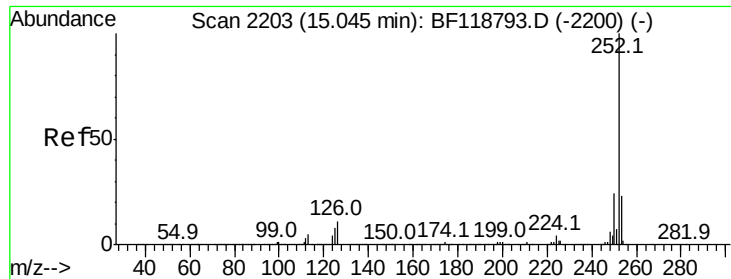


#88  
Benzo(b)fluoranthene  
Concen: 49.030 ng  
RT: 14.98 min Scan# 2192  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.4  | 27.6  |
| 125     | 9.7   | 8.1   | 12.1  |







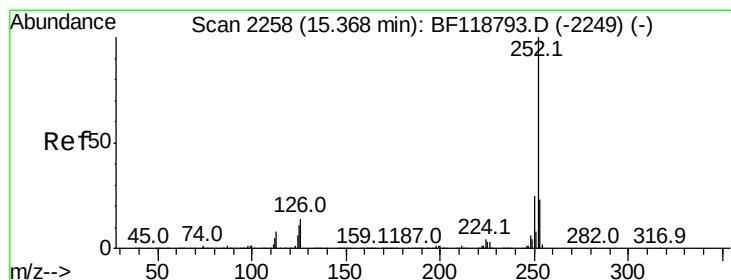
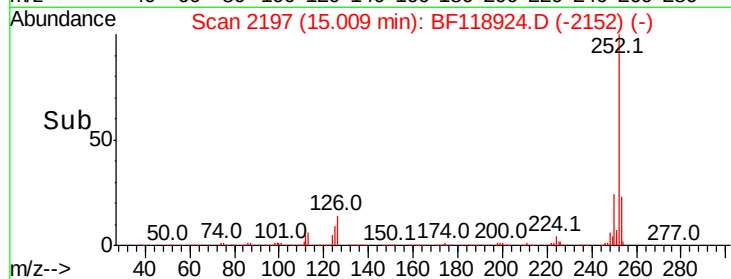
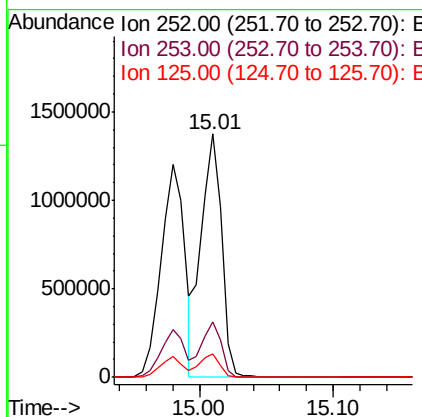
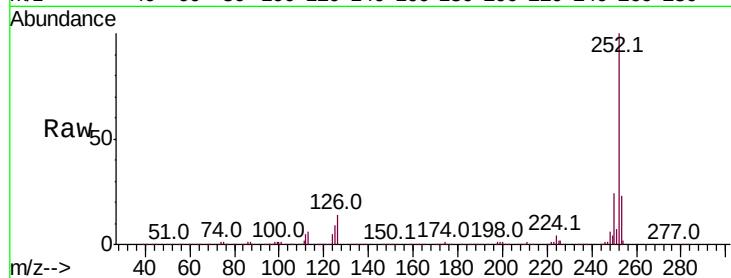
#89  
Benzo(k)fluoranthene  
Concen: 54.922 ng  
RT: 15.01 min Scan# 2197  
Delta R.T. -0.04 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
2S-SECTION-FMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.4  |
| 125     | 9.5   | 7.0   | 10.6  |

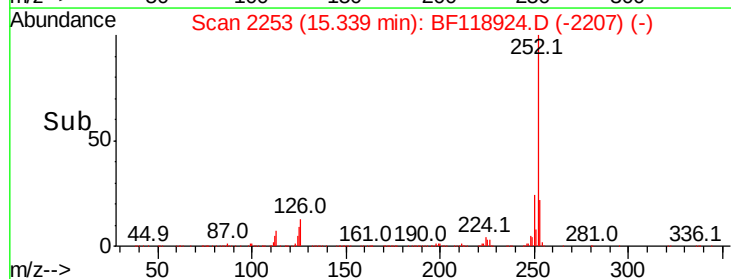
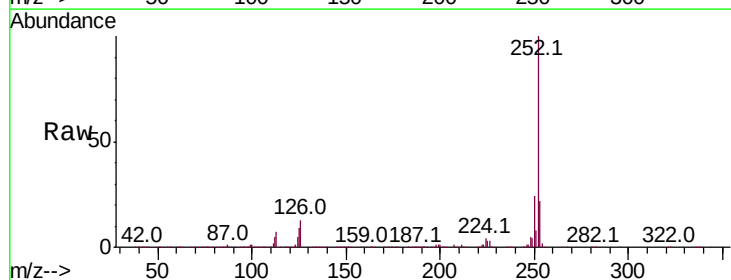
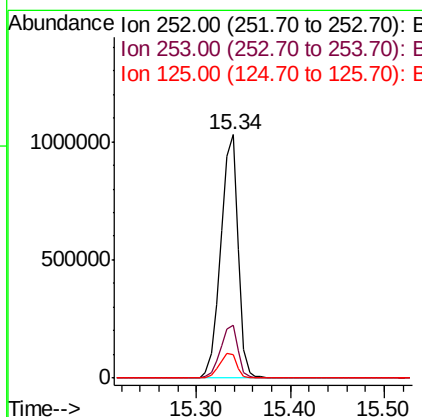
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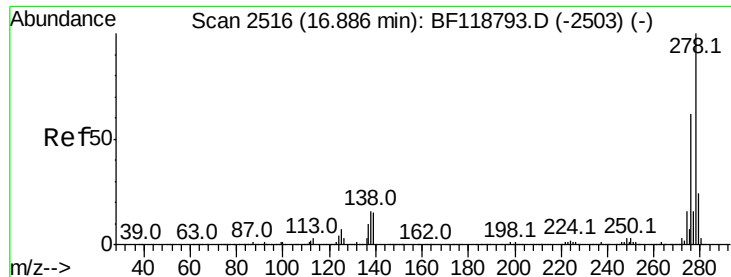
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#90  
Benzo(a)pyrene  
Concen: 50.652 ng  
RT: 15.34 min Scan# 2253  
Delta R.T. -0.03 min  
Lab File: BF118924.D  
Acq: 13 Feb 2020 17:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.1  | 27.1  |
| 125     | 9.5   | 8.7   | 13.1  |





#91

Dibenzo(a,h)anthracene

Concen: 52.268 ng

RT: 16.84 min Scan# 2508

Delta R.T. -0.05 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

Instrument :

BNA\_F

ClientSampleId :

2S-SECTION-FMS

Tot Ion:278 Resp: 1212448

Ion Ratio Lower Upper

278 100

139 14.7 12.3 18.5

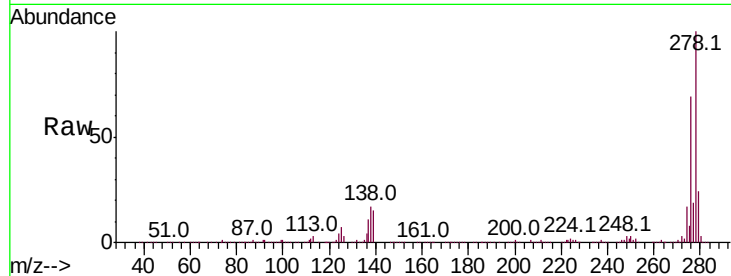
279 23.7 19.1 28.7

Manual Integrations

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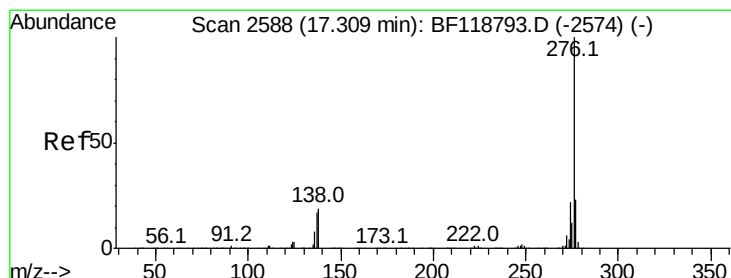
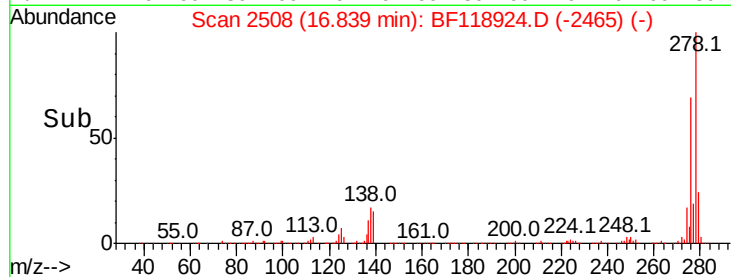
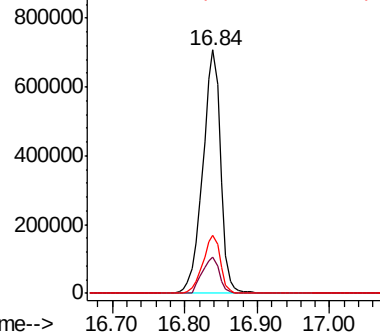
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.041 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.05 min

Lab File: BF118924.D

Acq: 13 Feb 2020 17:28

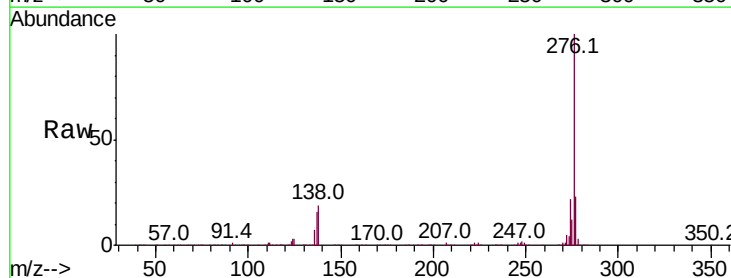
Tgt Ion:276 Resp: 1250177

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 18.7 15.4 23.2



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

