

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081016\  
 Data File : BF089706.D  
 Acq On : 10 Aug 2016 20:41  
 Operator : UM/SJ  
 Sample : H4386-02MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

Manual Integrations  
 APPROVED

sohil  
 8/11/2016 5:52:05 PM

Quant Time: Aug 11 02:01:18 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 11 01:52:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 47919    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.43  | 136  | 205393   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 12.25 | 164  | 97097    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 14.65 | 188  | 185561   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.37 | 240  | 149081   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.02 | 264  | 117971   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.30  | 112 | 330616 | 115.64 | ng | 0.01  |
| 7) Phenol-d6                | 6.96  | 99  | 457679 | 118.01 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 8.32  | 82  | 291623 | 78.53  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 13.55 | 330 | 92227  | 115.10 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 11.21 | 172 | 511732 | 68.49  | ng | -0.01 |
| 78) Terphenyl-d14           | 17.02 | 244 | 453742 | 60.08  | ng | -0.01 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 1.77  | 88  | 42283  | 25.80 | ng | # 77   |
| 3) Pyridine                    | 2.32  | 79  | 110940 | 36.84 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.30  | 42  | 47881  | 37.84 | ng | 91     |
| 6) Aniline                     | 6.90  | 93  | 112736 | 22.43 | ng | 96     |
| 8) 2-Chlorophenol              | 7.08  | 128 | 140535 | 40.04 | ng | 99     |
| 9) Benzaldehyde                | 6.72  | 77  | 34970  | 24.85 | ng | 96     |
| 10) Phenol                     | 6.98  | 94  | 168630 | 42.35 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.05  | 93  | 134774 | 39.40 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.30  | 146 | 133763 | 35.09 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.43  | 146 | 136347 | 35.86 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.66  | 146 | 139162 | 34.72 | ng | 100    |
| 15) Benzyl Alcohol             | 7.70  | 79  | 109611 | 43.10 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.91  | 45  | 158633 | 36.41 | ng | # 54   |
| 17) 2-Methylphenol             | 7.93  | 107 | 111305 | 43.91 | ng | # 88   |
| 18) Hexachloroethane           | 8.18  | 117 | 54203  | 33.83 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.14  | 70  | 107494 | 38.37 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.18  | 107 | 134078 | 41.90 | ng | 99     |
| 22) Acetophenone               | 8.09  | 105 | 165702 | 33.84 | ng | 99     |
| 24) Nitrobenzene               | 8.35  | 77  | 142265 | 40.34 | ng | 91     |
| 25) Isophorone                 | 8.74  | 82  | 282227 | 39.69 | ng | 100    |
| 26) 2-Nitrophenol              | 8.86  | 139 | 64503  | 39.85 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 9.00  | 122 | 119755 | 41.15 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 9.13  | 93  | 171901 | 39.96 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.28  | 162 | 108544 | 39.42 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 9.36  | 180 | 116538 | 37.06 | ng | 98     |
| 31) Naphthalene                | 9.46  | 128 | 399324 | 36.58 | ng | 99     |
| 33) 4-Chloroaniline            | 9.61  | 127 | 92371  | 22.53 | ng | 97     |
| 34) Hexachlorobutadiene        | 9.68  | 225 | 62321  | 34.41 | ng | 100    |
| 35) Caprolactam                | 10.22 | 113 | 34468  | 42.95 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 10.48 | 107 | 128908 | 40.27 | ng | 94     |
| 37) 2-Methylnaphthalene        | 10.59 | 142 | 260665 | 38.83 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.87 | 216 | 101882 | 27.92 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.85 | 237 | 73024  | 60.33 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 11.10 | 196 | 62410  | 34.67 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081016\  
 Data File : BF089706.D  
 Acq On : 10 Aug 2016 20:41  
 Operator : UM/SJ  
 Sample : H4386-02MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

Manual Integrations  
 APPROVED

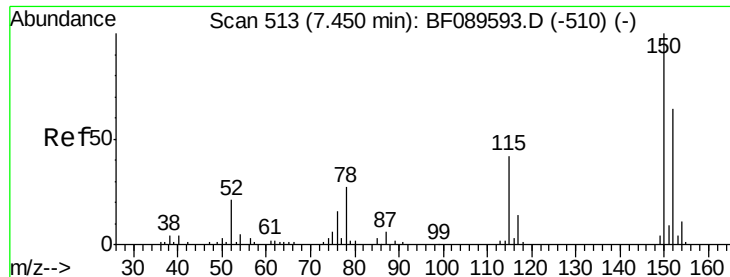
sohil  
 8/11/2016 5:52:05 PM

Quant Time: Aug 11 02:01:18 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 11 01:52:35 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 11.18 | 196  | 75674    | 39.34 | ng    | 96       |
| 45) 1,1'-Biphenyl              | 11.36 | 154  | 284681   | 32.51 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 11.37 | 162  | 244643   | 37.26 | ng    | 99       |
| 47) 2-Nitroaniline             | 11.59 | 65   | 79553    | 37.59 | ng    | 96       |
| 48) Acenaphthylene             | 12.02 | 152  | 403818   | 37.34 | ng    | 100      |
| 49) Dimethylphthalate          | 11.92 | 163  | 396988   | 52.16 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.01 | 165  | 64032    | 42.32 | ng    | 90       |
| 51) Acenaphthene               | 12.31 | 154  | 235837   | 37.76 | ng    | 99       |
| 52) 3-Nitroaniline             | 12.27 | 138  | 56133    | 31.02 | ng    | 99       |
| 54) Dibenzofuran               | 12.59 | 168  | 355309   | 41.38 | ng    | 99       |
| 55) 4-Nitrophenol              | 12.70 | 139  | 31552    | 30.54 | ng    | # 69     |
| 56) 2,4-Dinitrotoluene         | 12.66 | 165  | 88658    | 41.66 | ng    | # 85     |
| 57) Fluorene                   | 13.14 | 166  | 284708   | 38.79 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.83 | 232  | 50720    | 34.73 | ng    | 98       |
| 59) Diethylphthalate           | 13.06 | 149  | 312945   | 39.76 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 13.18 | 204  | 130013   | 38.63 | ng    | 97       |
| 61) 4-Nitroaniline             | 13.27 | 138  | 63295    | 38.90 | ng    | 93       |
| 62) Azobenzene                 | 13.44 | 77   | 343581   | 45.14 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 13.34 | 198  | 10888    | 13.87 | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 13.39 | 169  | 246321   | 39.30 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 13.97 | 248  | 72959    | 40.65 | ng    | 98       |
| 67) Hexachlorobenzene          | 14.03 | 284  | 72693    | 36.82 | ng    | # 80     |
| 68) Atrazine                   | 14.31 | 200  | 75520    | 43.16 | ng    | 98       |
| 69) Pentachlorophenol          | 14.39 | 266  | 31211    | 39.14 | ng    | 98       |
| 70) Phenanthrene               | 14.69 | 178  | 401243   | 39.77 | ng    | 99       |
| 71) Anthracene                 | 14.78 | 178  | 429974   | 39.75 | ng    | 99       |
| 72) Carbazole                  | 15.06 | 167  | 384296   | 42.62 | ng    | 99       |
| 73) Di-n-butylphthalate        | 15.66 | 149  | 485473   | 39.81 | ng    | 99       |
| 74) Fluoranthene               | 16.46 | 202  | 418799   | 40.38 | ng    | 100      |
| 76) Benzdine                   | 16.70 | 184  | 207107   | 45.83 | ng    | 98       |
| 77) Pyrene                     | 16.75 | 202  | 427871   | 32.46 | ng    | 98       |
| 79) Butylbenzylphthalate       | 17.69 | 149  | 208565   | 37.18 | ng    | 90       |
| 80) Benzo(a)anthracene         | 18.34 | 228  | 323988   | 37.82 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 18.33 | 252  | 74972    | 27.78 | ng    | # 96     |
| 82) Chrysene                   | 18.39 | 228  | 341465   | 38.00 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 18.45 | 149  | 742752   | 95.64 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 19.21 | 149  | 483700   | 43.28 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.20 | 276  | 248895   | 36.48 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 19.61 | 252  | 298356   | 41.12 | ng    | # 95     |
| 88) Benzo(k)fluoranthene       | 19.65 | 252  | 275083m  | 37.58 | ng    |          |
| 89) Benzo(a)pyrene             | 19.97 | 252  | 265091   | 39.02 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 21.20 | 278  | 209293   | 32.98 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 21.53 | 276  | 202454   | 31.16 | ng    | # 94     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

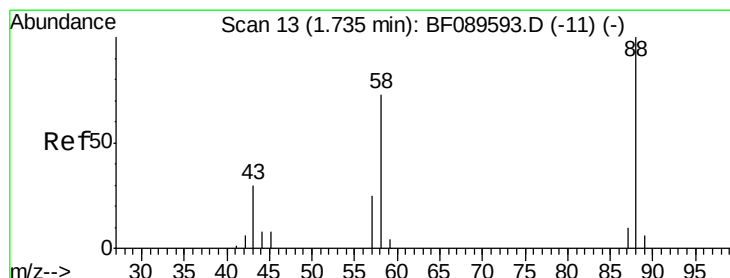
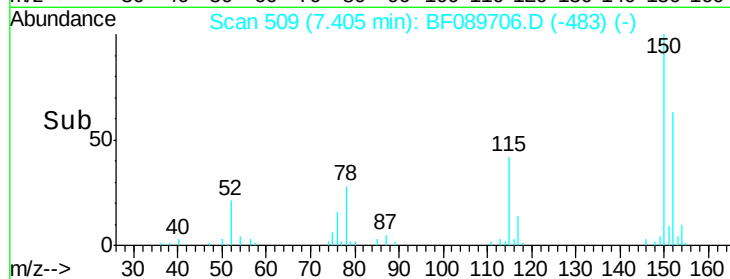
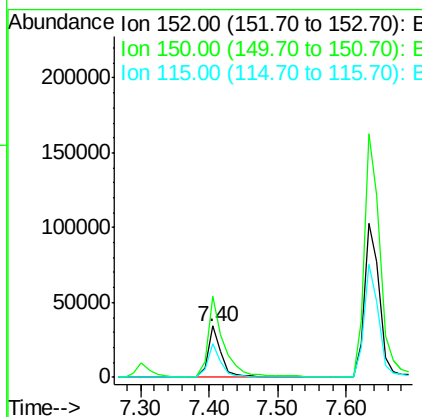
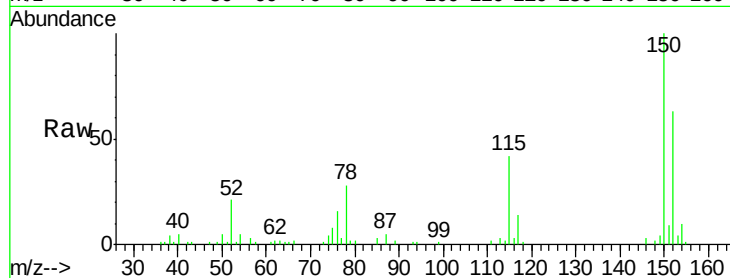
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 47919 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 157.8 | 125.5 | 188.3 |
| 115       | 66.5  | 52.0  | 78.0  |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#2

1,4-Dioxane

Concen: 25.80 ng

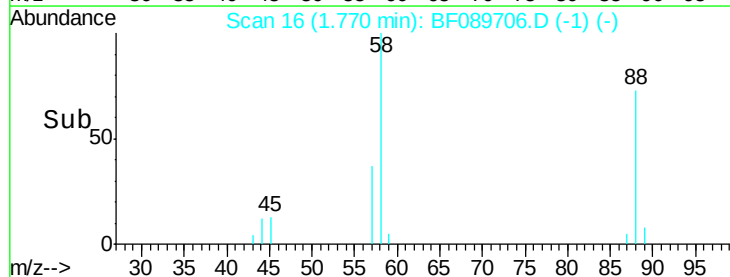
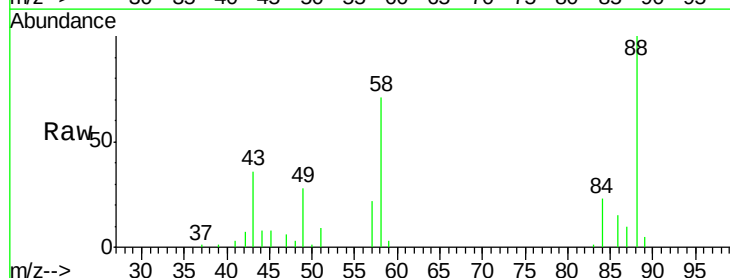
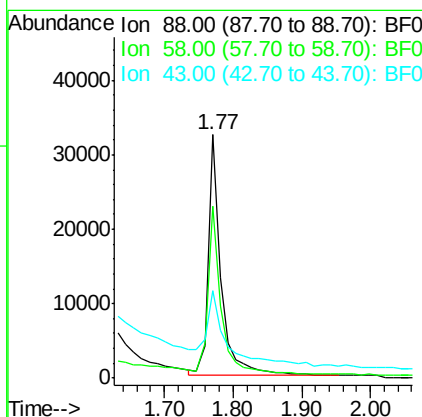
RT: 1.77 min Scan# 16

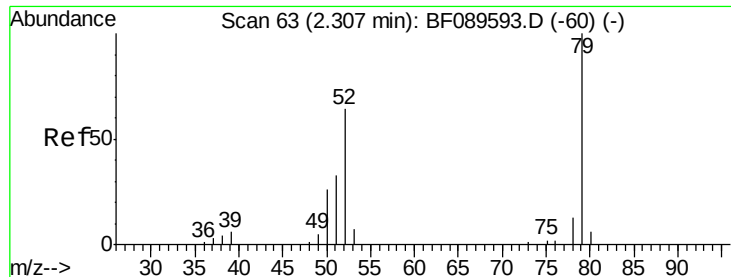
Delta R.T. 0.07 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 42283 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 73.4  | 49.8  | 74.8  |
| 43        | 46.6  | 20.1  | 30.1# |





#3

Pyridine

Concen: 36.84 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.06 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

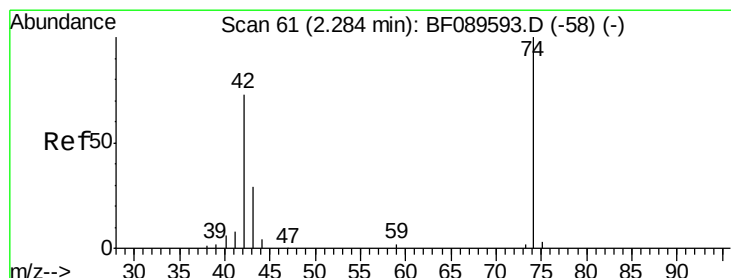
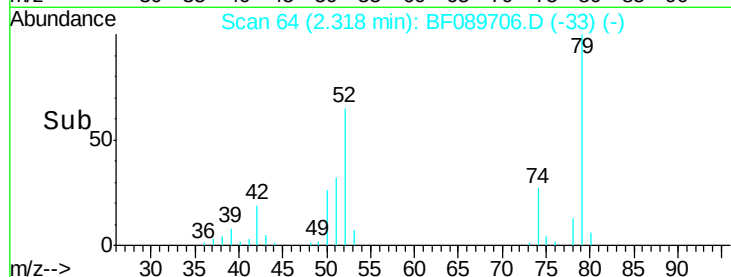
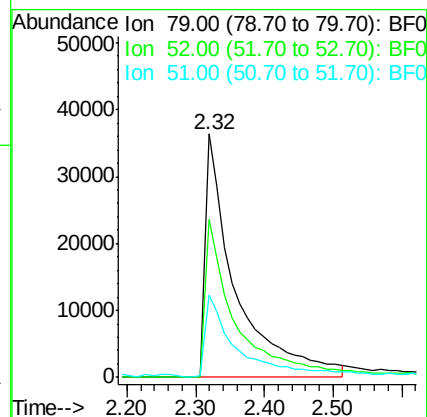
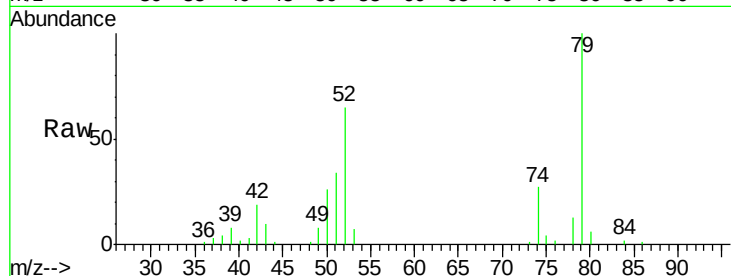
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 110940 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 65.0  | 51.0  | 76.4   |
| 51       | 33.8  | 27.9  | 41.9   |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#4

n-Nitrosodimethylamine

Concen: 37.84 ng

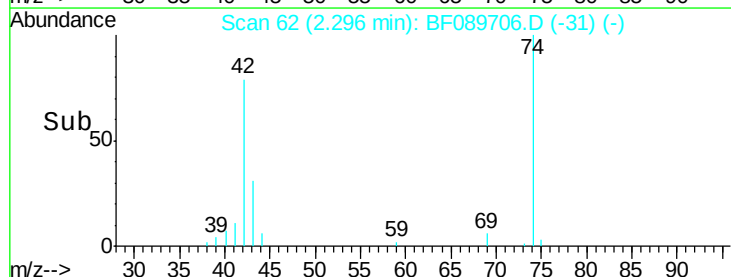
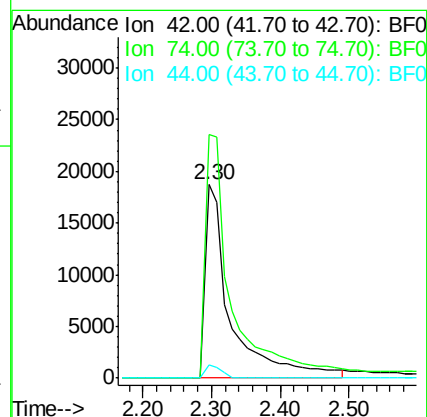
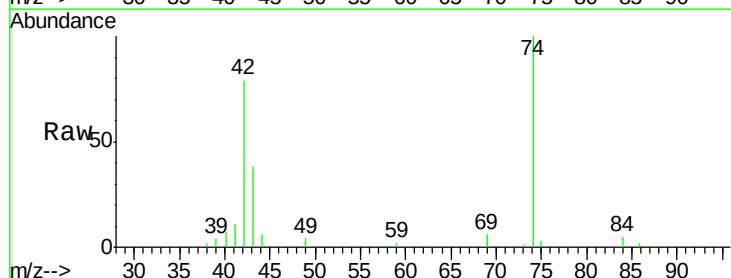
RT: 2.30 min Scan# 62

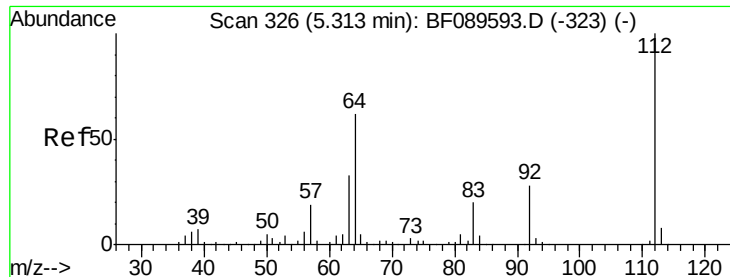
Delta R.T. 0.06 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 47881 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 126.0 | 110.0 | 165.0 |
| 44       | 7.0   | 4.8   | 7.2   |





#5

2-Fluorophenol

Concen: 115.64 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

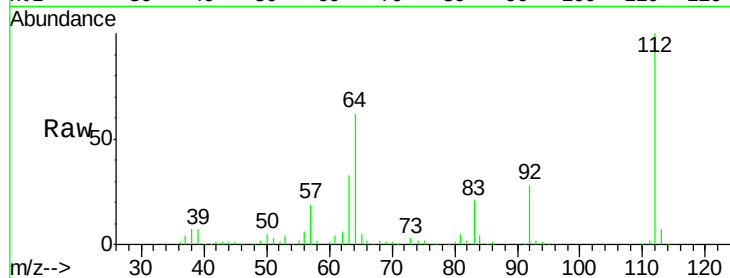
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

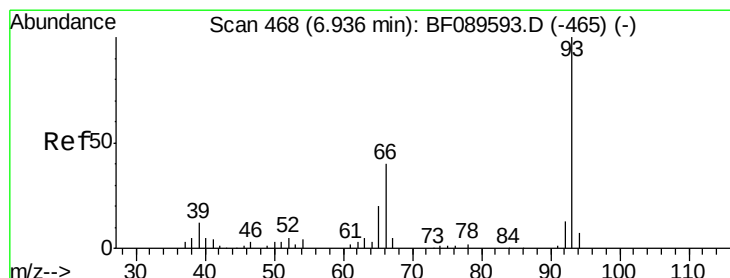
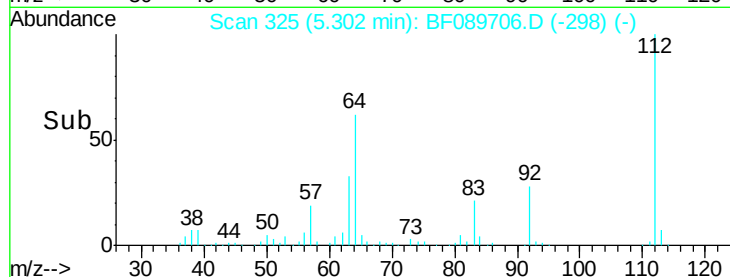
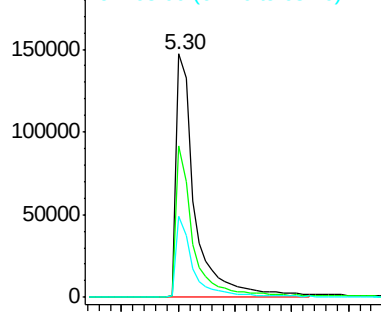
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 330616 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.4  | 49.9  | 74.9   |
| 63        | 33.4  | 26.1  | 39.1   |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



Abundance Ion 112.00 (111.70 to 112.70): BF089593.D (-323) (-)



#6

Aniline

Concen: 22.43 ng

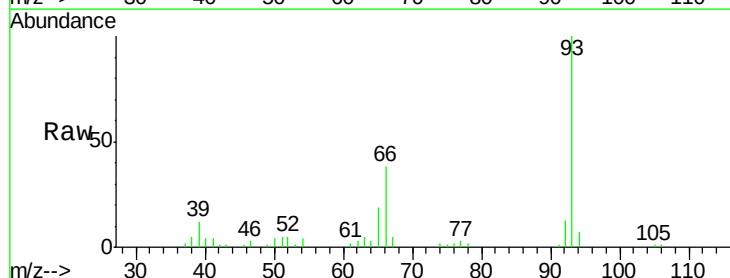
RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

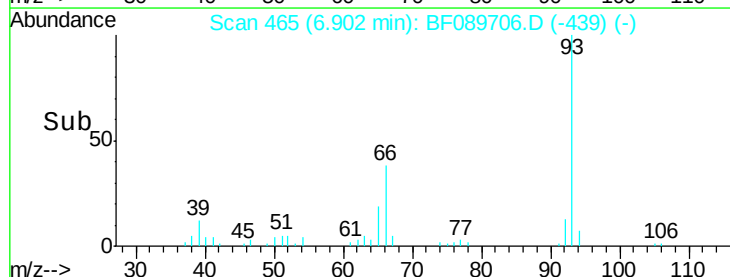
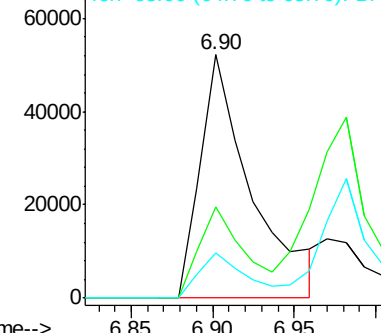
Lab File: BF089706.D

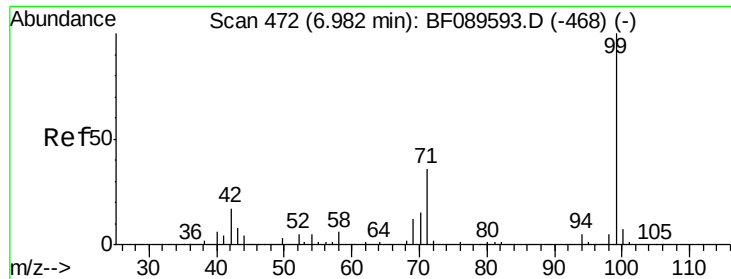
Acq: 10 Aug 2016 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 112736 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.7  | 32.2  | 48.2   |
| 65        | 18.6  | 15.8  | 23.8   |



Abundance Ion 93.00 (92.70 to 93.70): BF089593.D (-465) (-)





#7

Phenol-d6

Concen: 118.01 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

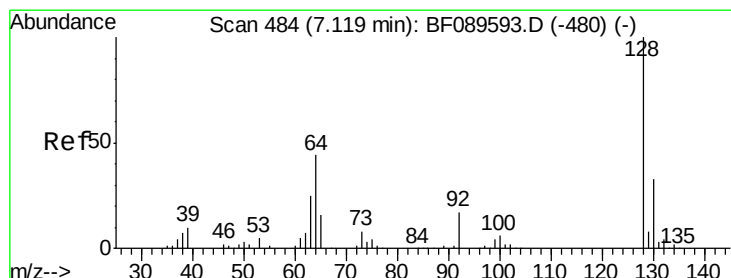
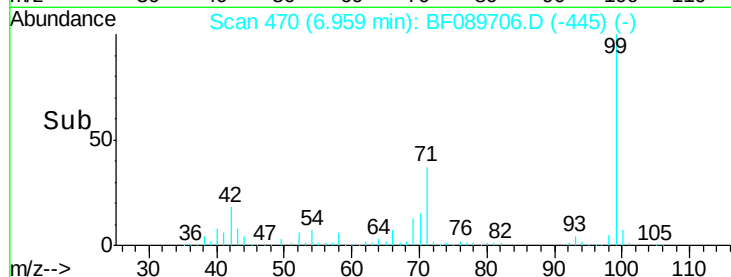
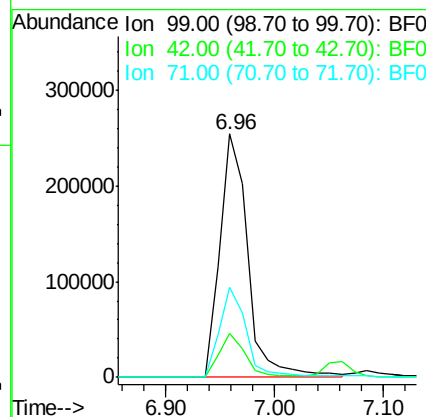
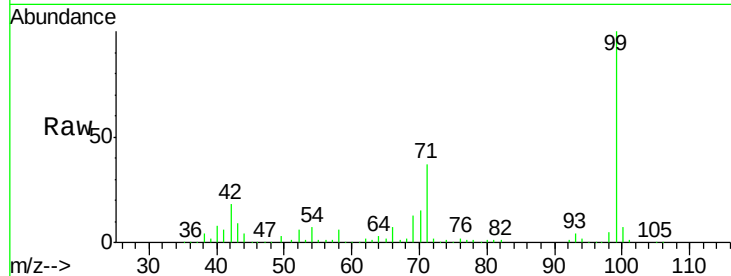
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 457679 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.1  | 13.7  | 20.5   |
| 71       | 36.9  | 29.0  | 43.4   |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#8

2-Chlorophenol

Concen: 40.04 ng

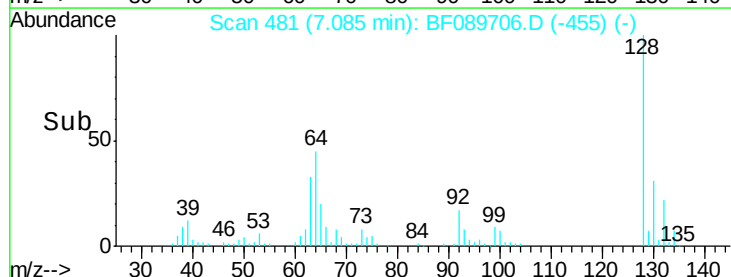
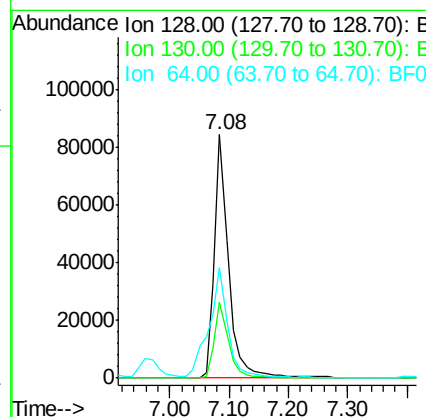
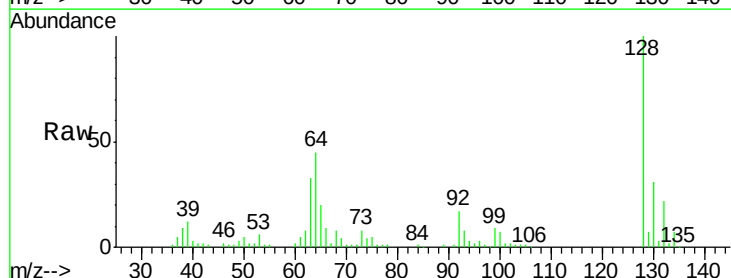
RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

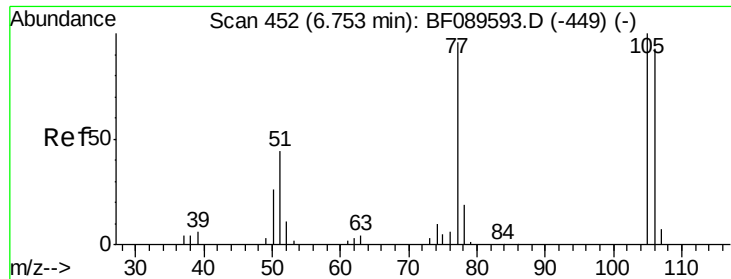
Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 140535 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.0  | 12.6  | 52.6   |
| 64       | 45.2  | 25.3  | 65.3   |







#9

Benzaldehyde

Concen: 24.85 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

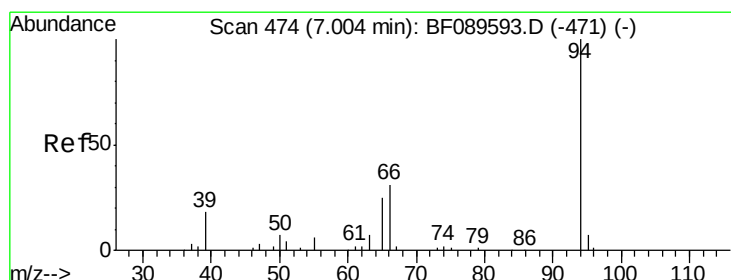
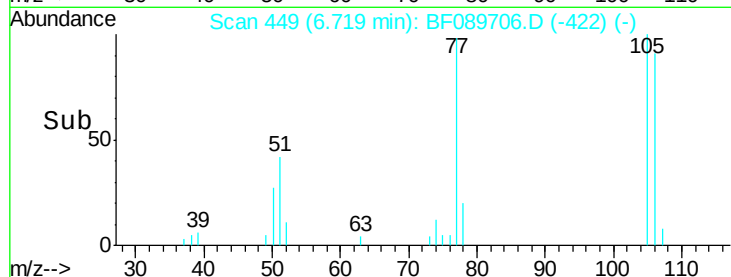
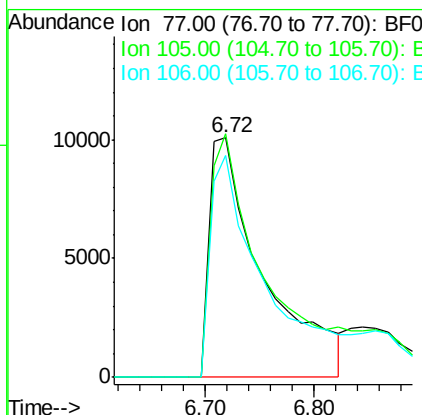
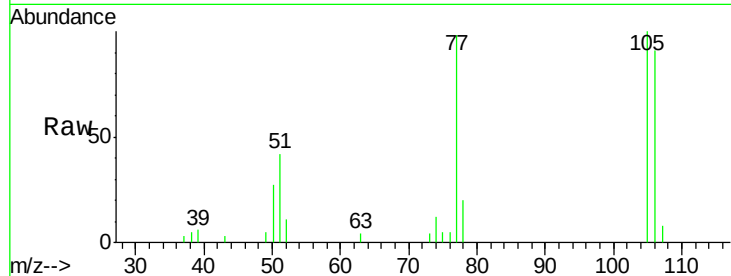
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

Tgt Ion: 77 Resp: 34970  
 Ion Ratio Lower Upper  
 77 100  
 105 101.7 84.7 124.7  
 106 92.6 77.1 117.1

Manual Integrations  
 APPROVED

sohil  
 8/11/2016 5:52:05 PM



#10

Phenol

Concen: 42.35 ng

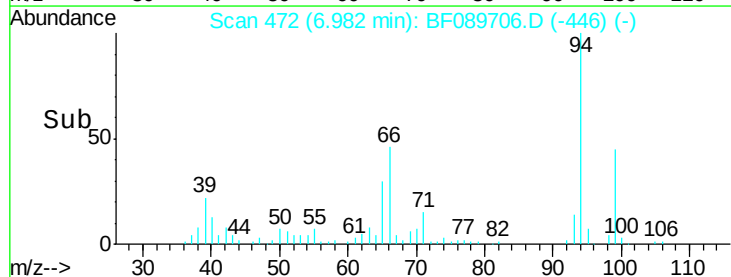
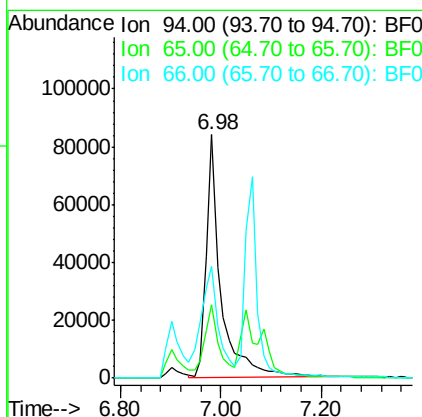
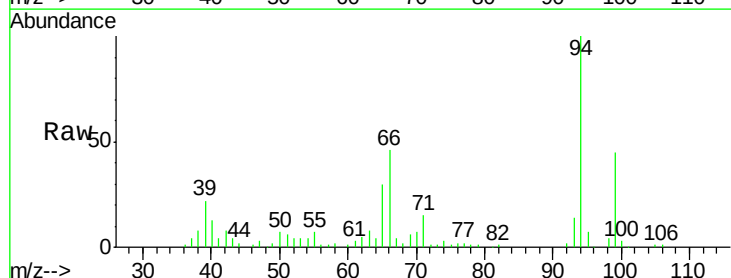
RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

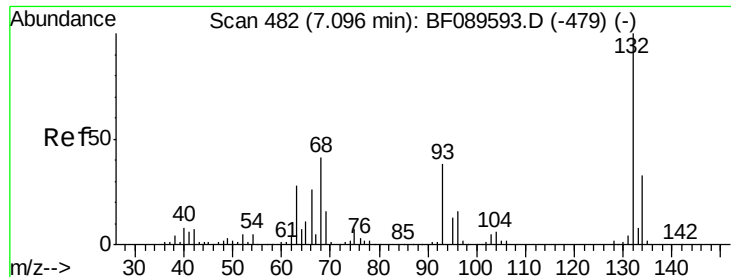
Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Tgt Ion: 94 Resp: 168630  
 Ion Ratio Lower Upper  
 94 100  
 65 30.3 11.0 51.0  
 66 46.1 27.4 67.4







#11

bis(2-Chloroethyl)ether

Concen: 39.40 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

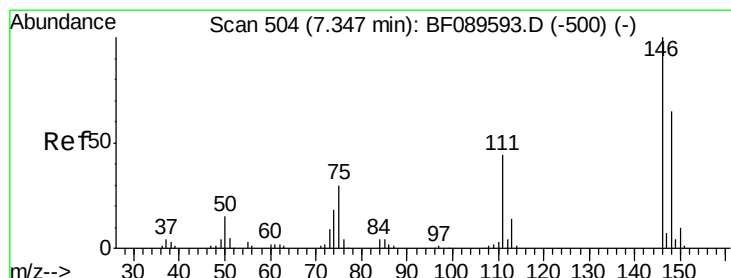
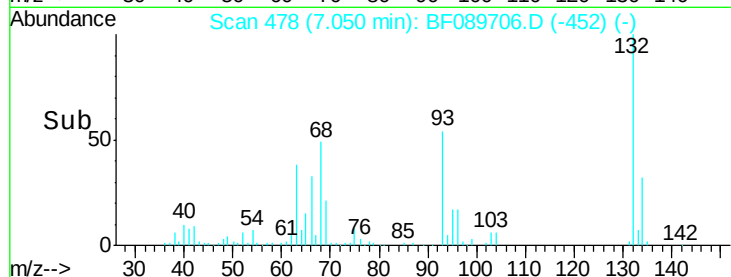
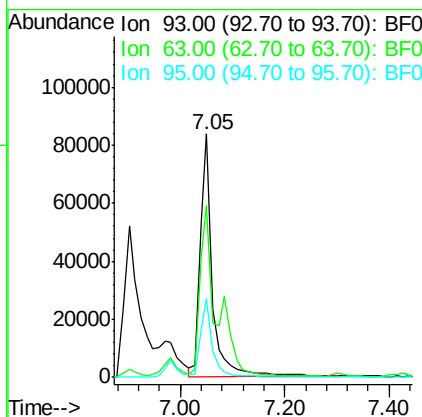
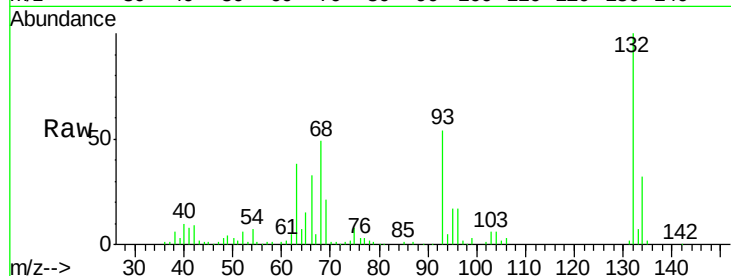
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 134774 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 70.7  | 52.2  | 92.2   |
| 95       | 32.3  | 13.1  | 53.1   |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#12

1,3-Dichlorobenzene

Concen: 35.09 ng

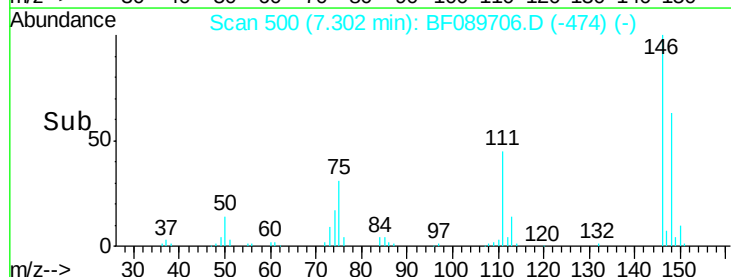
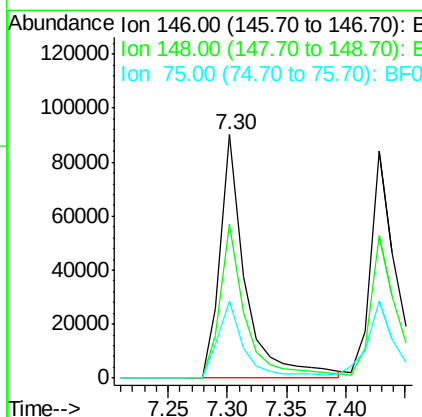
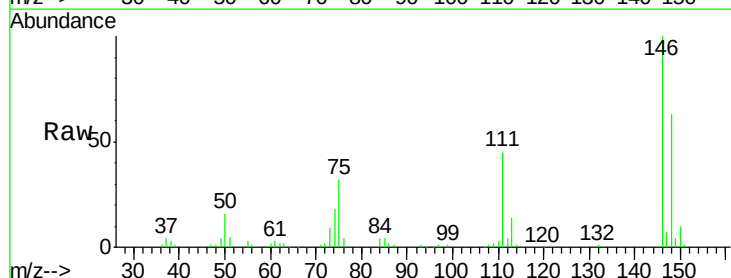
RT: 7.30 min Scan# 500

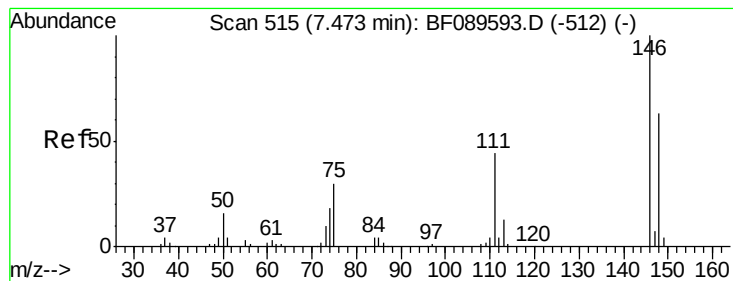
Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 133763 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.4  | 52.1  | 78.1   |
| 75       | 31.7  | 24.1  | 36.1   |





#13

1,4-Dichlorobenzene

Concen: 35.86 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

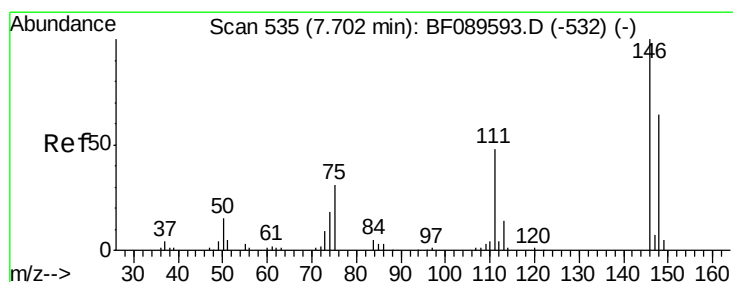
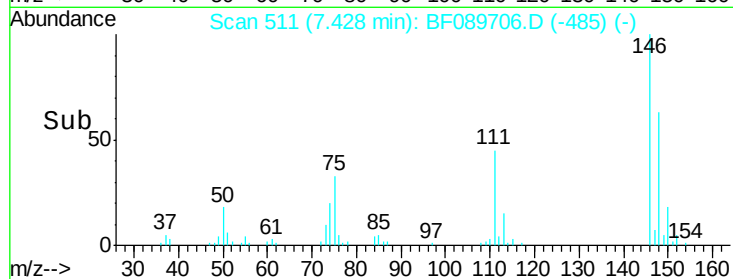
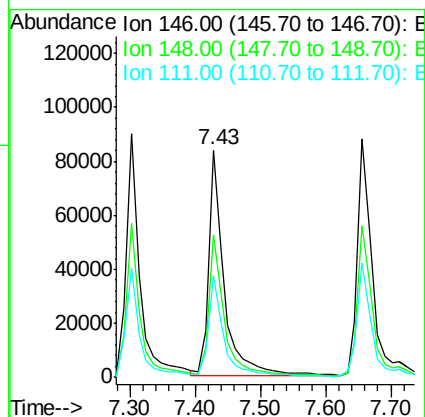
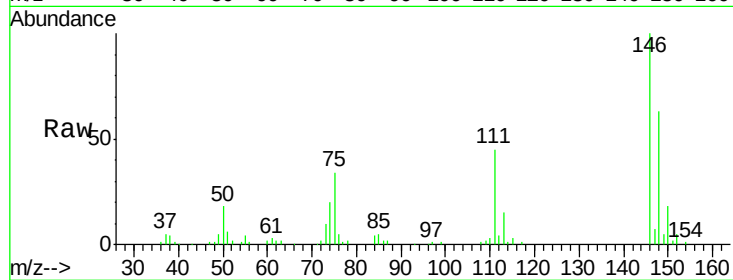
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 136347 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.7  | 50.4  | 75.6   |
| 111       | 44.8  | 35.0  | 52.4   |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#14

1,2-Dichlorobenzene

Concen: 34.72 ng

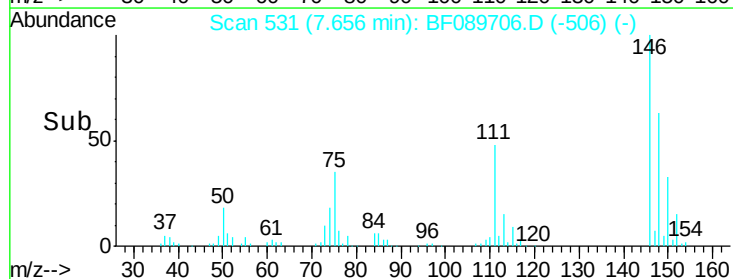
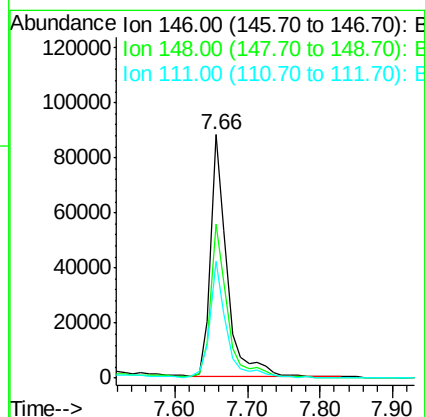
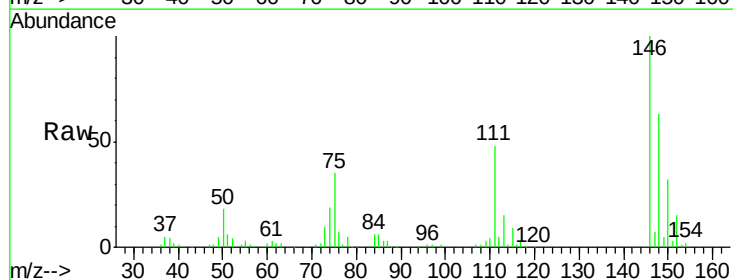
RT: 7.66 min Scan# 531

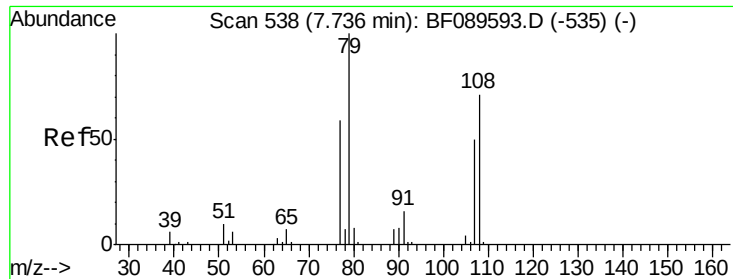
Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 139162 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 51.0  | 76.6   |
| 111       | 48.2  | 38.5  | 57.7   |





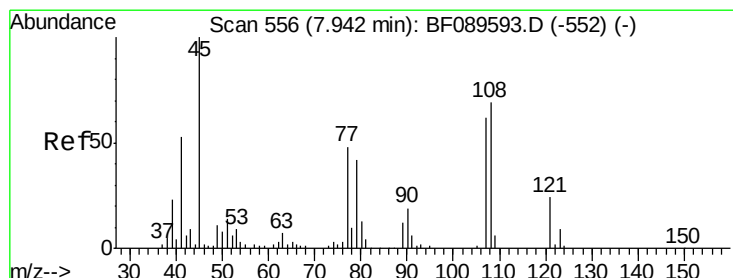
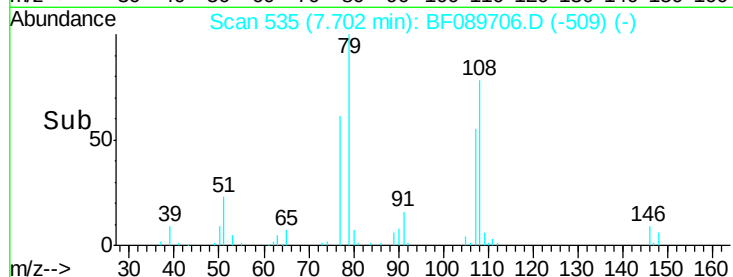
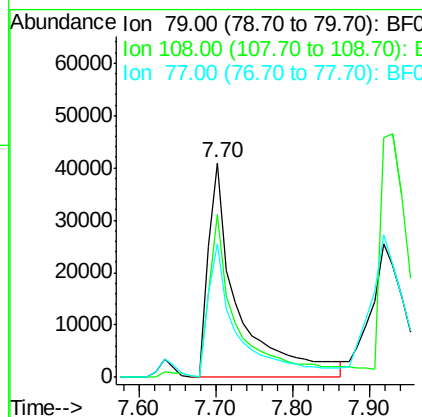
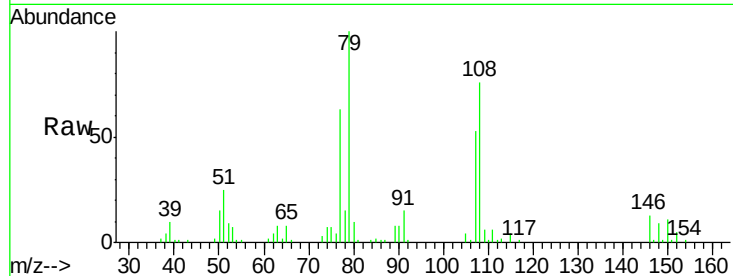
#15  
Benzyl Alcohol  
Concen: 43.10 ng  
RT: 7.70 min Scan# 535  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 76.2  | 58.3  | 87.5  |
| 77      | 62.6  | 48.7  | 73.1  |

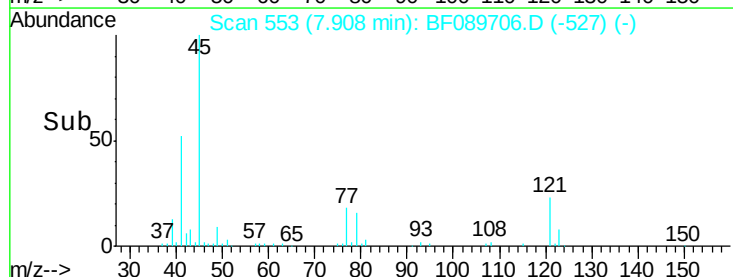
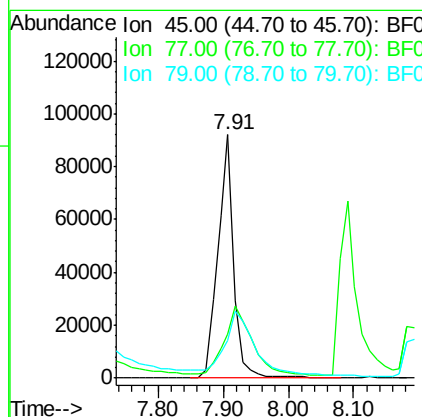
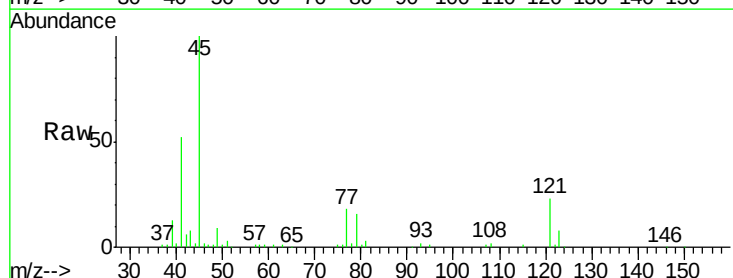
Manual Integrations  
APPROVED

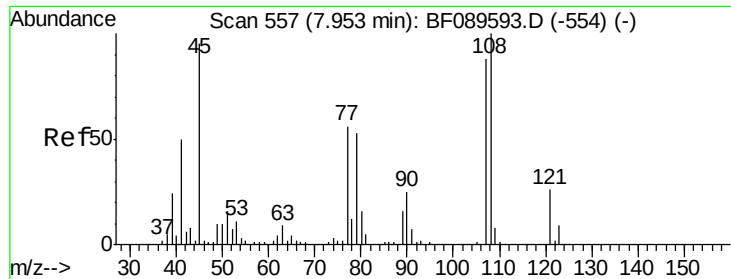
sohil  
8/11/2016 5:52:05 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.41 ng  
RT: 7.91 min Scan# 553  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.9  | 30.1  | 70.1# |
| 79      | 15.6  | 25.5  | 65.5# |





#17

2-Methylphenol

Concen: 43.91 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

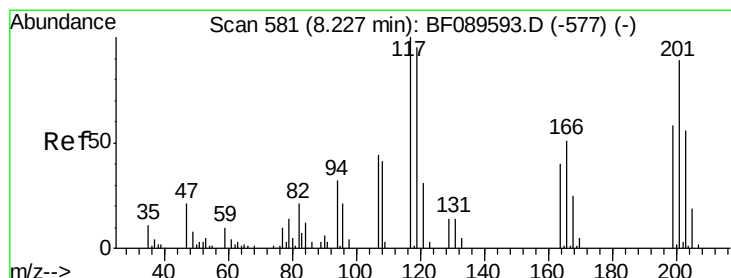
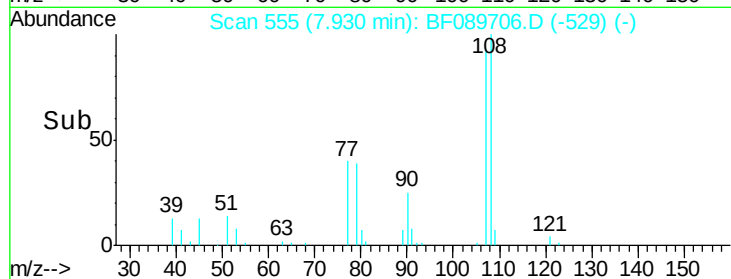
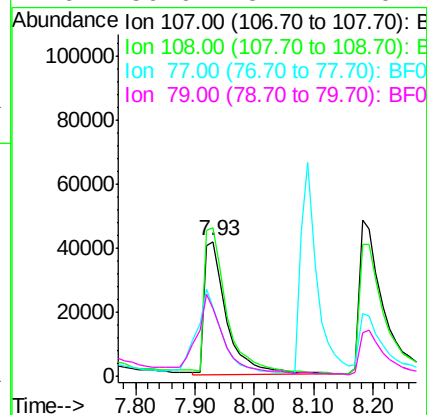
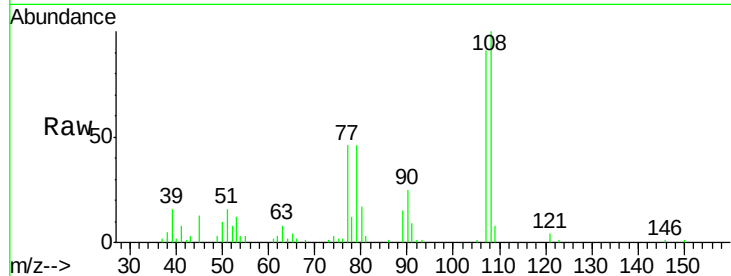
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 111305 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.3 | 91.2  | 136.8  |
| 77        | 51.2  | 54.6  | 82.0#  |
| 79        | 50.9  | 52.7  | 79.1#  |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#18

Hexachloroethane

Concen: 33.83 ng

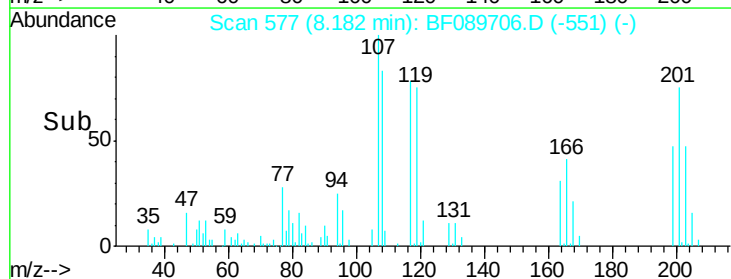
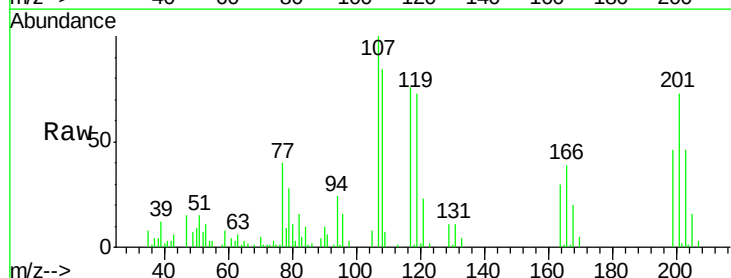
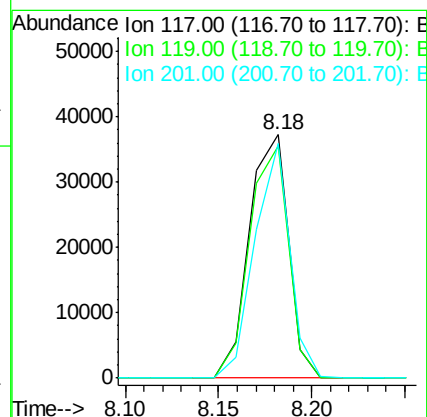
RT: 8.18 min Scan# 577

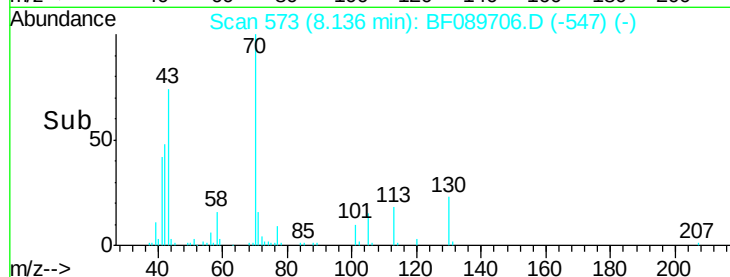
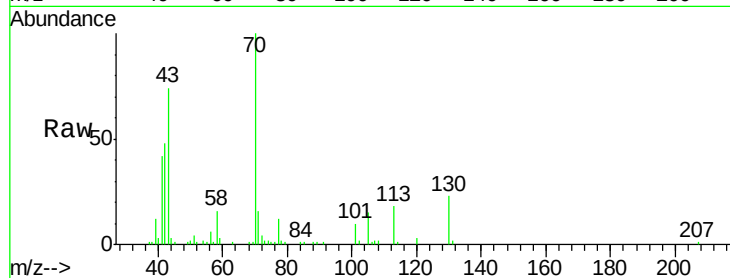
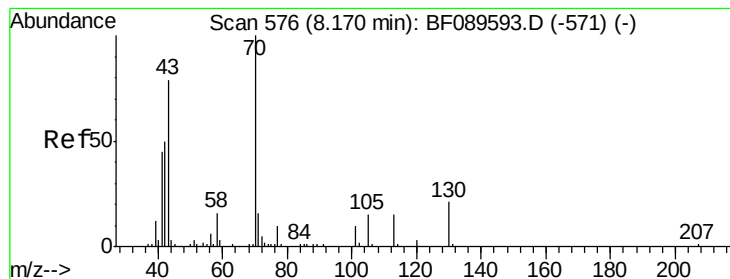
Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 54203 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 95.6  | 75.7  | 113.5 |
| 201       | 96.3  | 71.6  | 107.4 |





#19

n-Nitroso-di-n-propylamine

Concen: 38.37 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 47.8  | 40.2  | 60.2  |
| 101     | 10.2  | 7.8   | 11.6  |
| 130     | 23.3  | 16.4  | 24.6  |

Instrument :

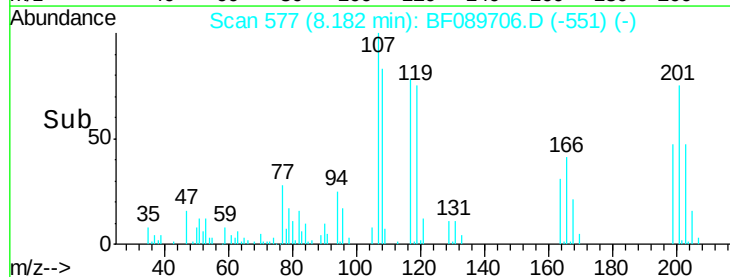
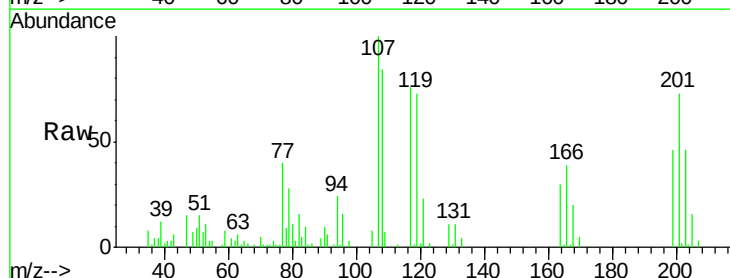
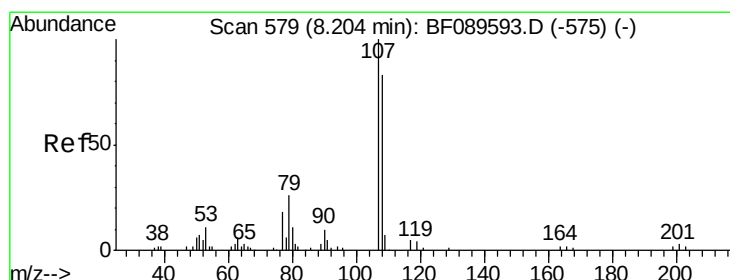
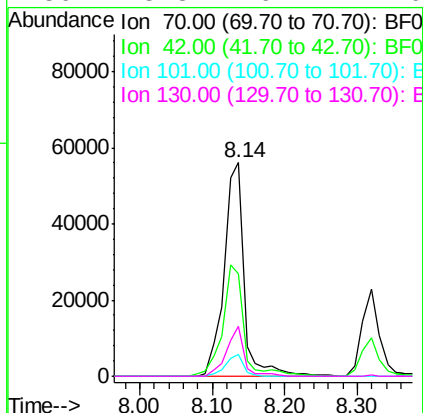
BNA\_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#20

3+4-Methylphenols

Concen: 41.90 ng

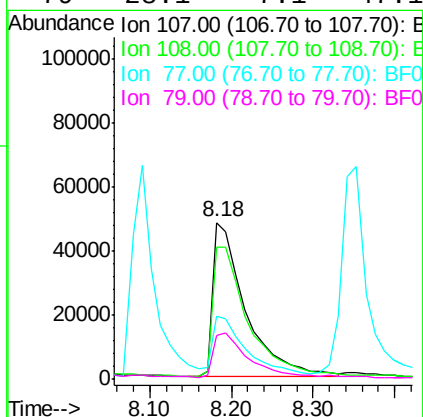
RT: 8.18 min Scan# 577

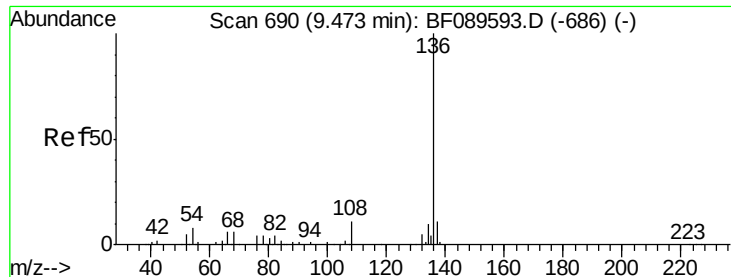
Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.0  | 63.8  | 103.8 |
| 77      | 39.8  | 19.5  | 59.5  |
| 79      | 28.1  | 7.1   | 47.1  |





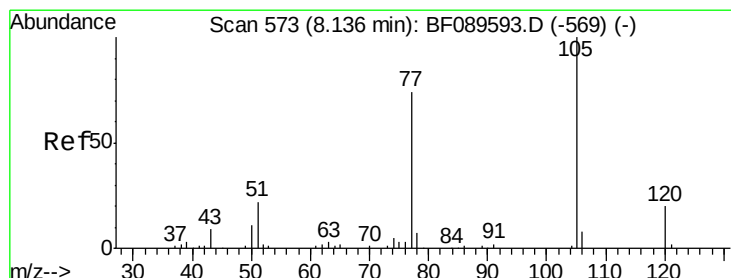
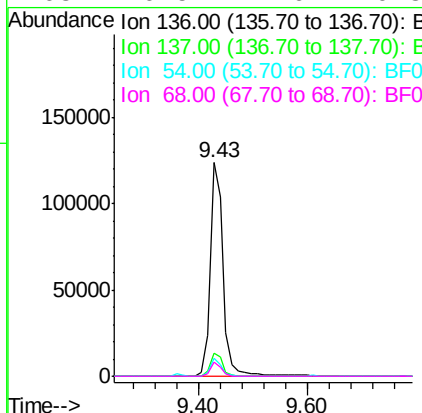
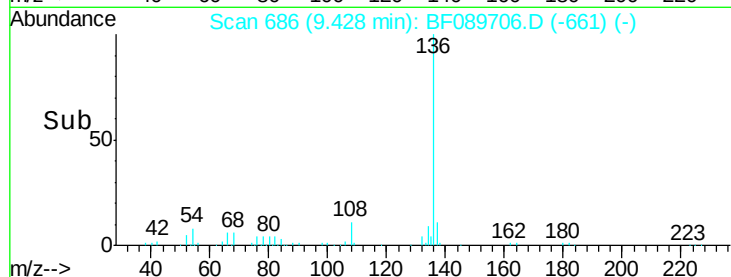
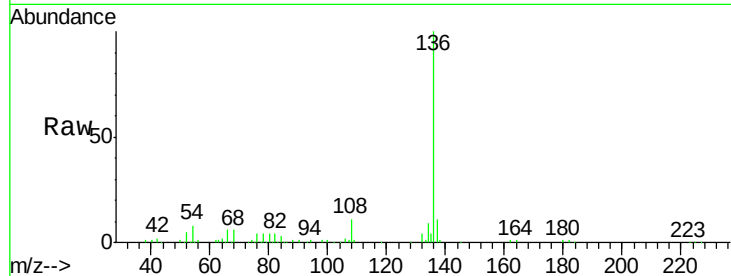
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.43 min Scan# 686  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 205393 |       |       |
| 137     | 10.9  | 8.6    | 12.8  |       |
| 54      | 8.3   | 6.0    | 9.0   |       |
| 68      | 6.5   | 4.6    | 6.8   |       |

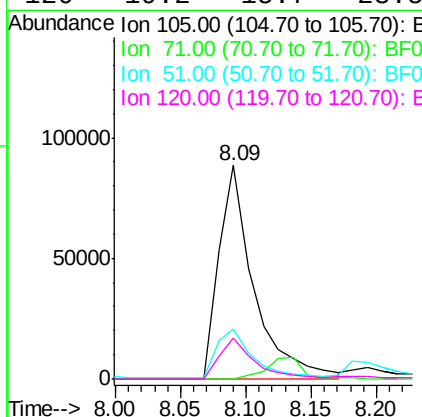
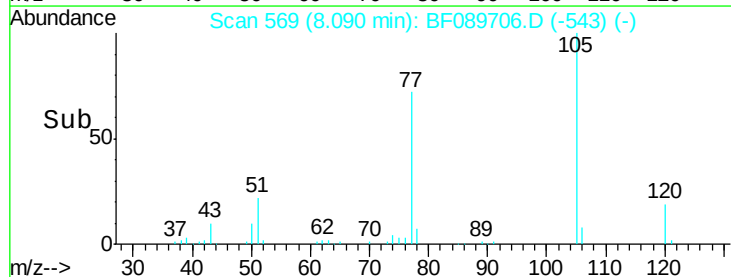
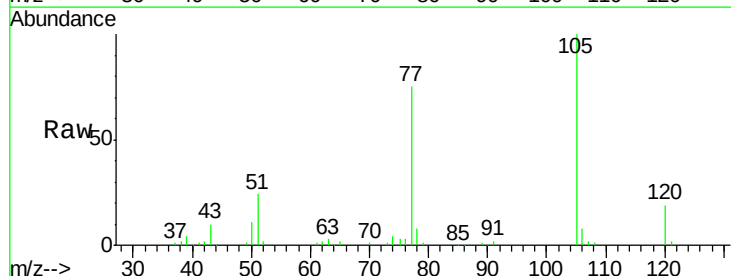
Manual Integrations  
APPROVED

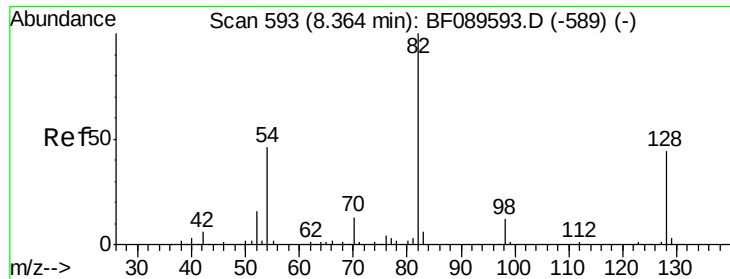
sohil  
8/11/2016 5:52:05 PM



#22  
Acetophenone  
Concen: 33.84 ng  
RT: 8.09 min Scan# 569  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 165702 |       |       |
| 71      | 0.0   | 0.0    | 0.0   |       |
| 51      | 23.7  | 18.2   | 27.2  |       |
| 120     | 19.2  | 15.7   | 23.5  |       |





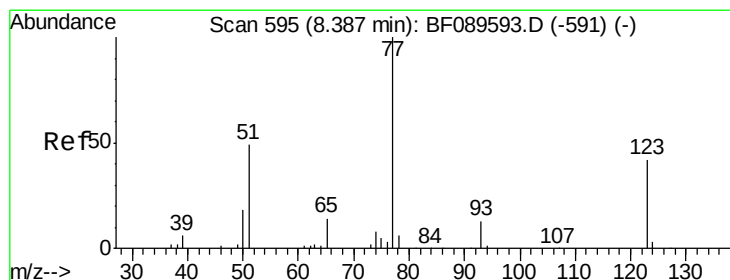
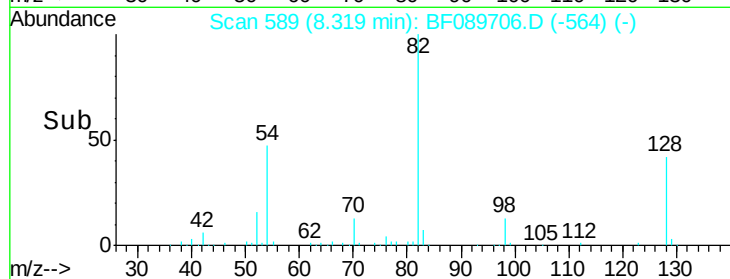
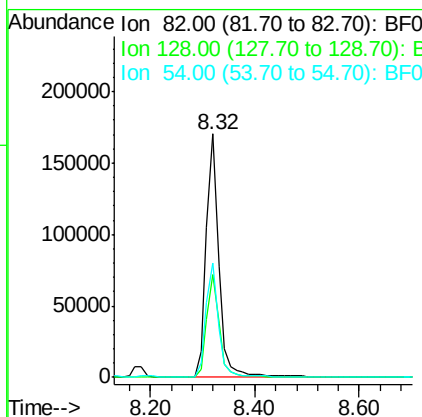
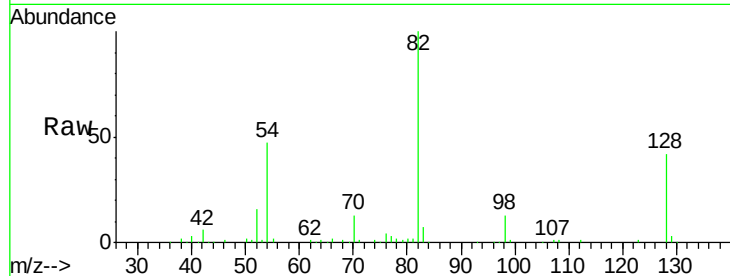
#23  
 Nitrobenzene-d5  
 Concen: 78.53 ng  
 RT: 8.32 min Scan# 589  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 291623 |       |       |
| 128     | 42.2  | 35.4   | 53.0  |       |
| 54      | 47.1  | 36.4   | 54.6  |       |

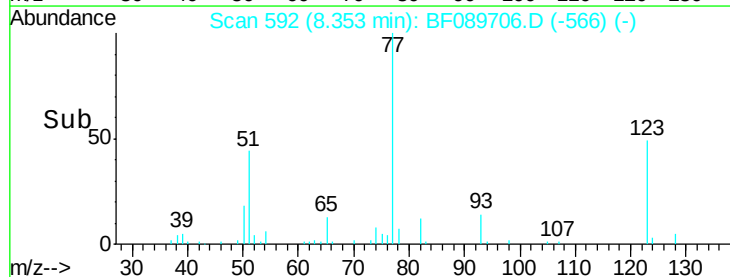
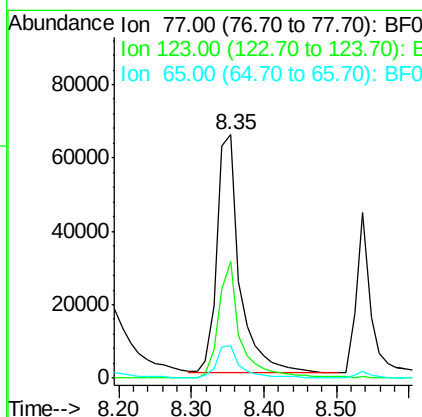
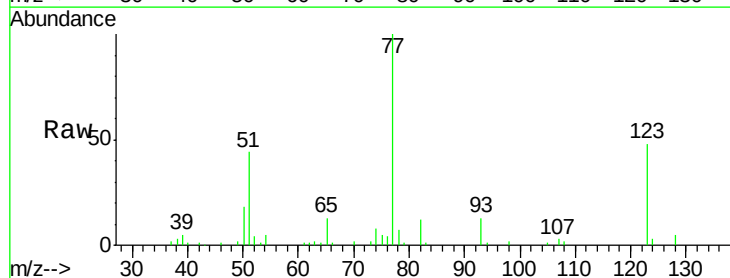
Manual Integrations  
 APPROVED

sohil  
 8/11/2016 5:52:05 PM

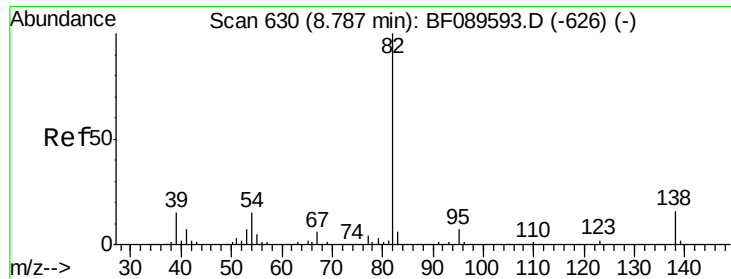


#24  
 Nitrobenzene  
 Concen: 40.34 ng  
 RT: 8.35 min Scan# 592  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 142265 |       |       |
| 123     | 47.8  | 32.6   | 49.0  |       |
| 65      | 13.3  | 11.0   | 16.6  |       |







#25

Isophorone

Concen: 39.69 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

Tgt Ion: 82 Resp: 282227  
Ion Ratio Lower Upper

82 100

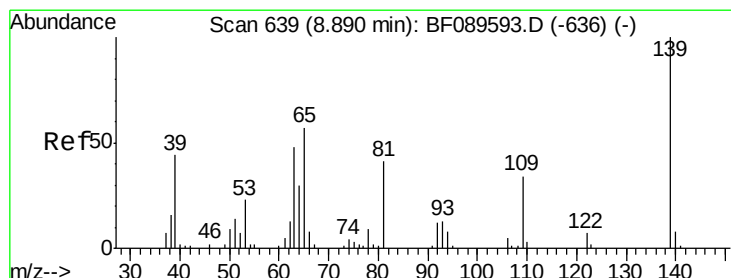
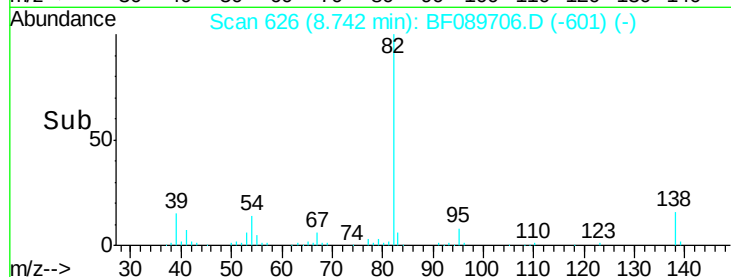
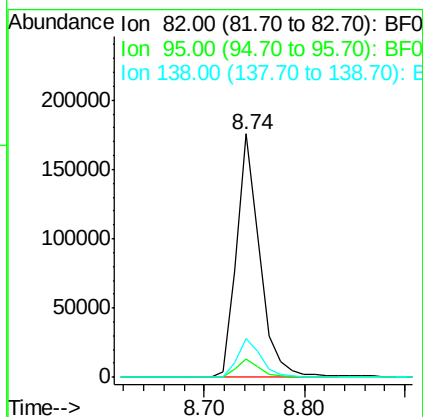
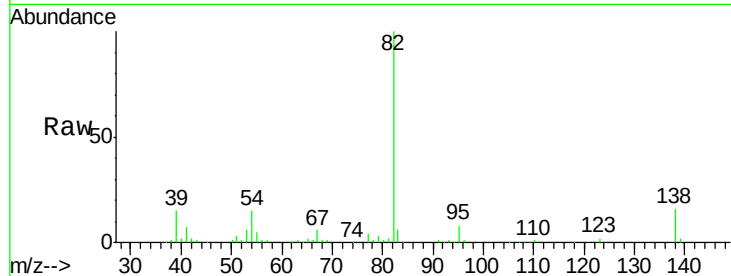
95 7.5 5.8 8.8

138 15.7 12.6 18.8

Manual Integrations  
APPROVED

sohil

8/11/2016 5:52:05 PM



#26

2-Nitrophenol

Concen: 39.85 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF089706.D

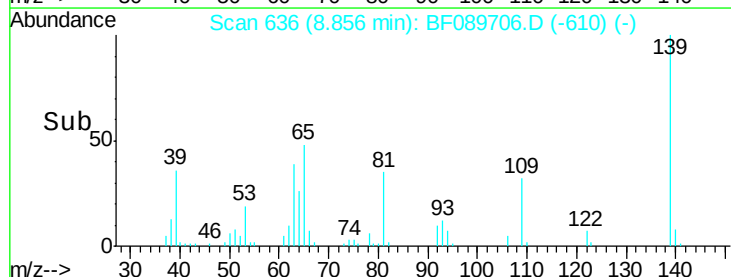
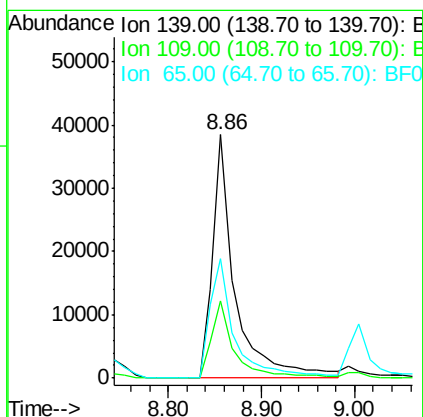
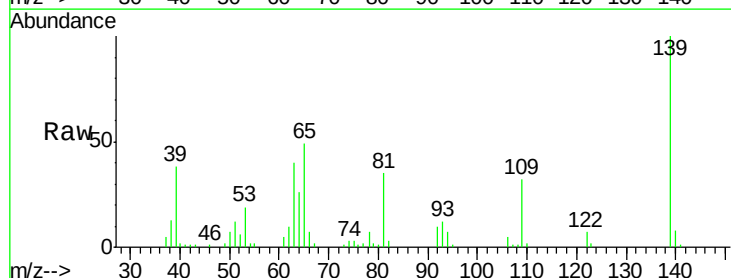
Acq: 10 Aug 2016 20:41

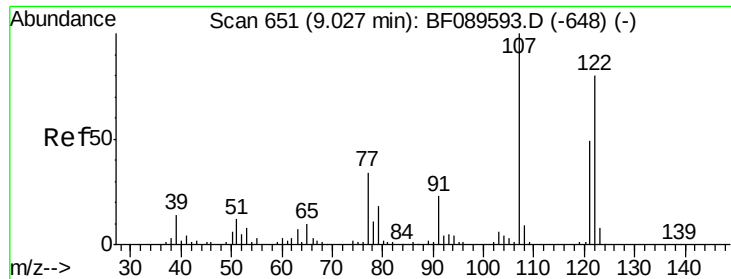
Tgt Ion: 139 Resp: 64503  
Ion Ratio Lower Upper

139 100

109 31.7 27.5 41.3

65 49.3 45.7 68.5





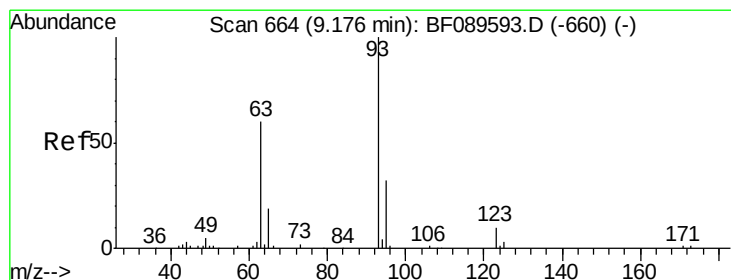
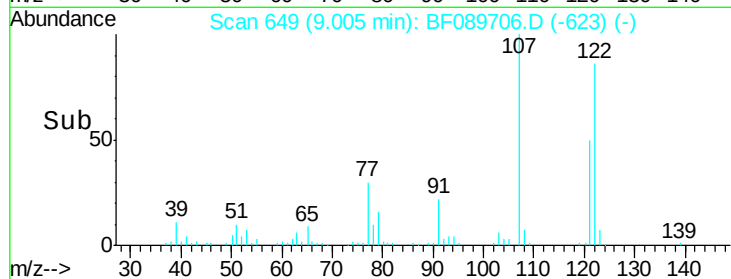
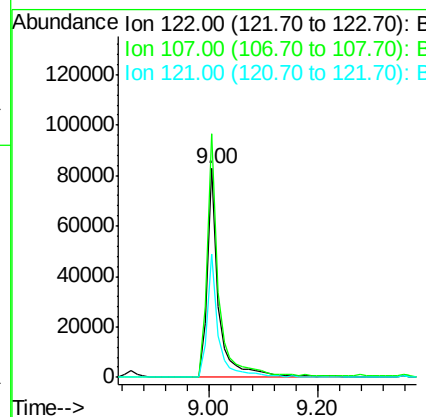
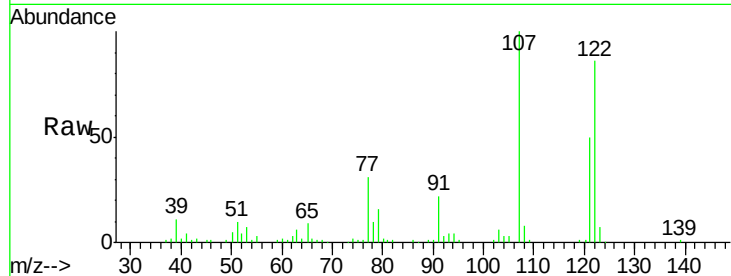
#27  
 2,4-Dimethylphenol  
 Concen: 41.15 ng  
 RT: 9.00 min Scan# 649  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 119755 |       |       |
| 107     | 116.7 | 99.5   | 149.3 |       |
| 121     | 58.9  | 48.5   | 72.7  |       |

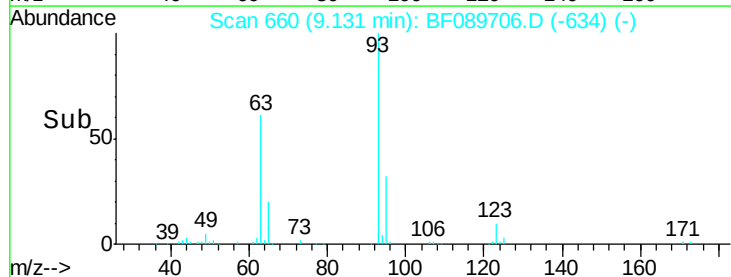
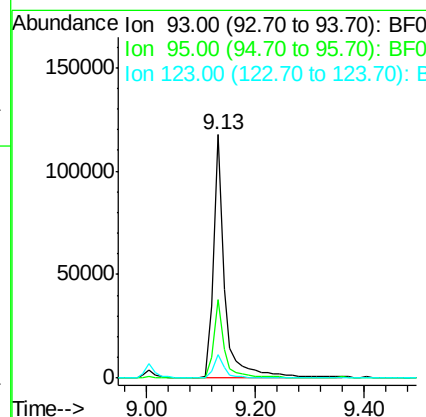
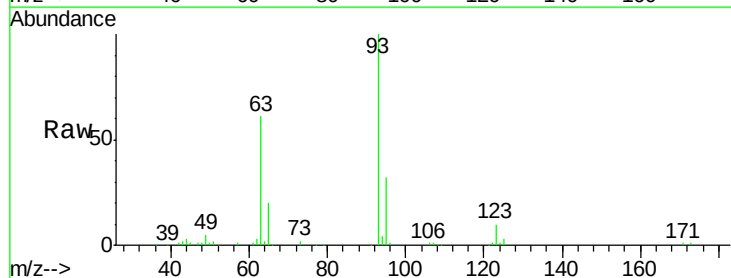
Manual Integrations  
 APPROVED

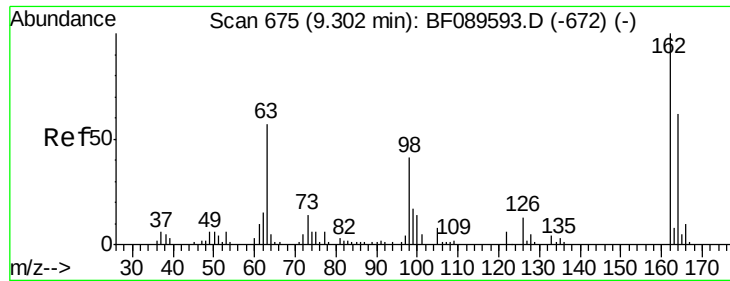
sohil  
 8/11/2016 5:52:05 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.96 ng  
 RT: 9.13 min Scan# 660  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 171901 |       |       |
| 95      | 32.0  | 25.8   | 38.8  |       |
| 123     | 9.7   | 8.0    | 12.0  |       |





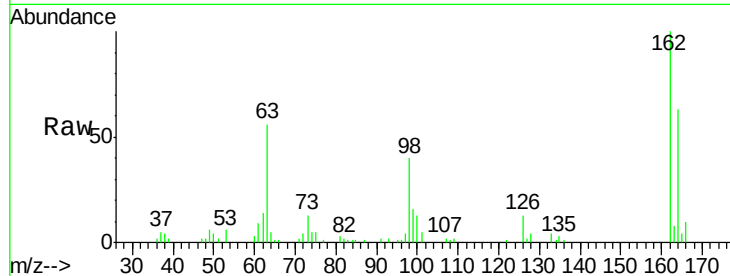
#29  
 2,4-Dichlorophenol  
 Concen: 39.42 ng  
 RT: 9.28 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

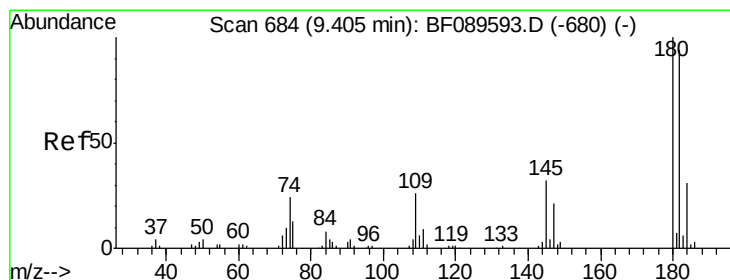
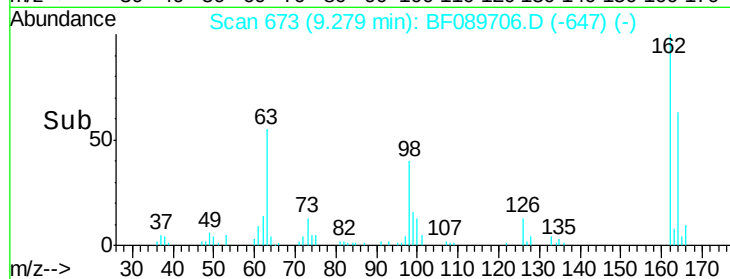
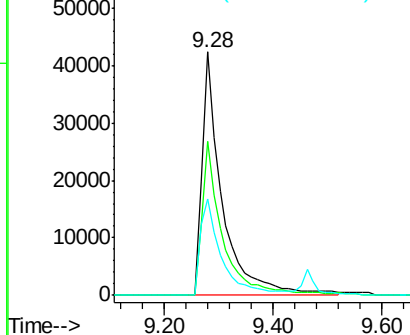
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 108544 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.4  | 42.3  | 82.3   |
| 98        | 39.6  | 21.2  | 61.2   |

Manual Integrations  
 APPROVED

sohil  
 8/11/2016 5:52:05 PM

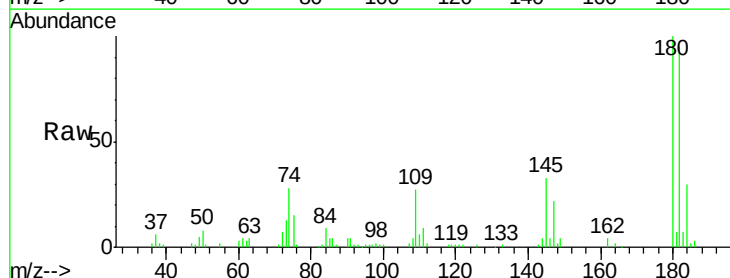


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

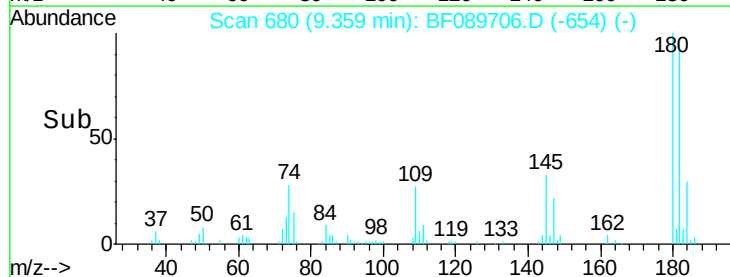
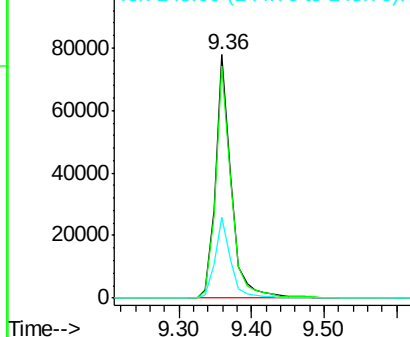


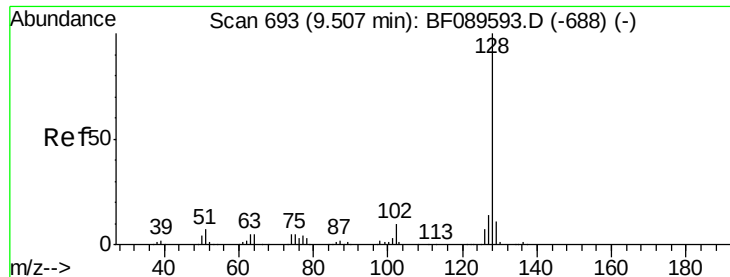
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.06 ng  
 RT: 9.36 min Scan# 680  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 116538 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.1  | 75.0  | 112.6  |
| 145       | 33.4  | 25.6  | 38.4   |



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





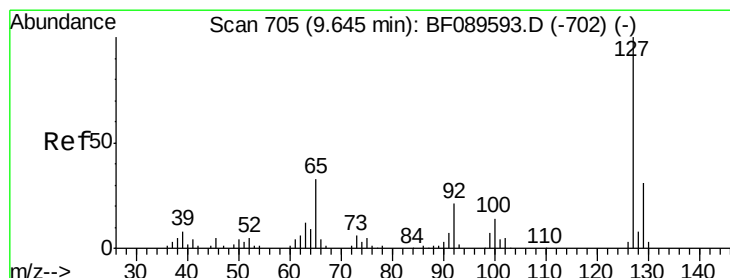
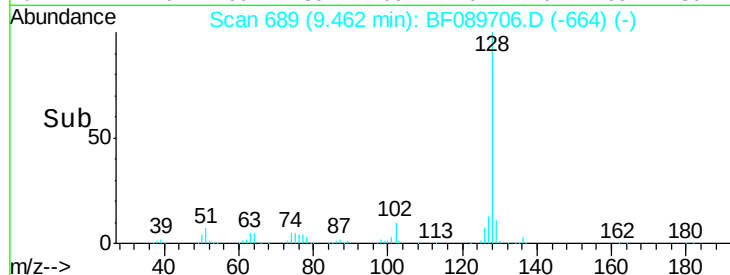
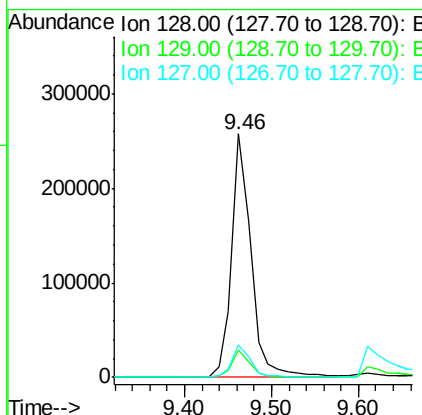
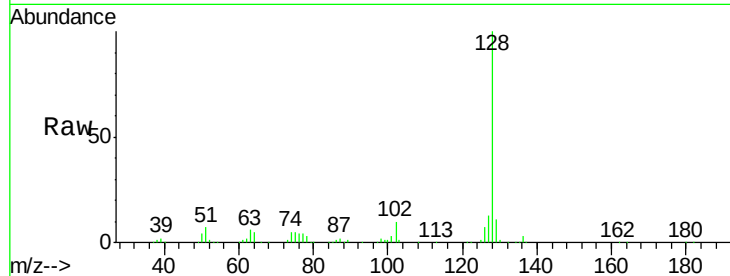
#31  
Naphthalene  
Concen: 36.58 ng  
RT: 9.46 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 399324 |       |       |
| 129     | 11.3  | 8.7    | 13.1  |       |
| 127     | 13.1  | 10.9   | 16.3  |       |

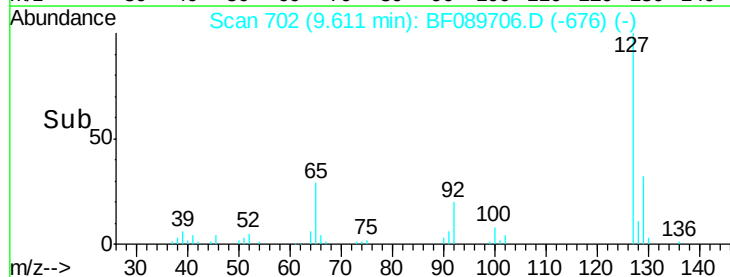
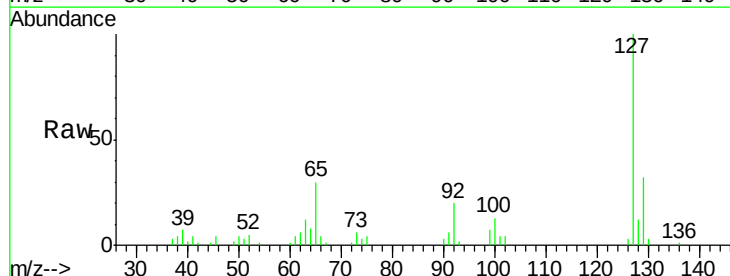
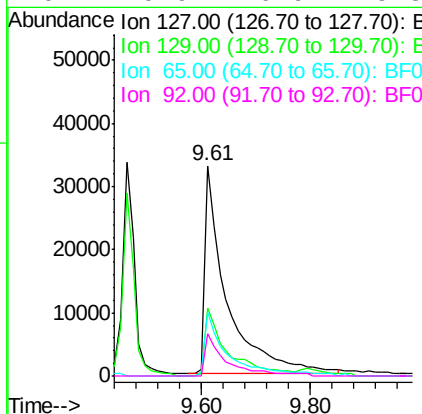
Manual Integrations  
APPROVED

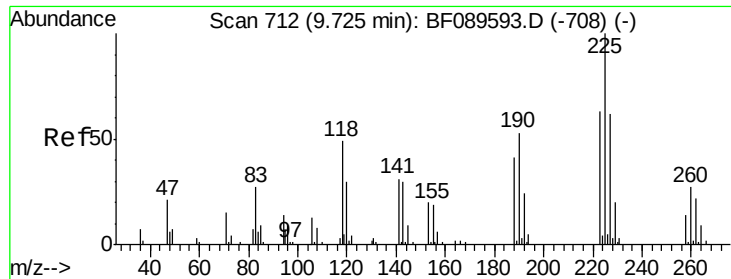
sohil  
8/11/2016 5:52:05 PM



#33  
4-Chloroaniline  
Concen: 22.53 ng  
RT: 9.61 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 92371 |       |       |
| 129     | 32.2  | 25.1  | 37.7  |       |
| 65      | 30.5  | 26.2  | 39.2  |       |
| 92      | 19.9  | 16.9  | 25.3  |       |





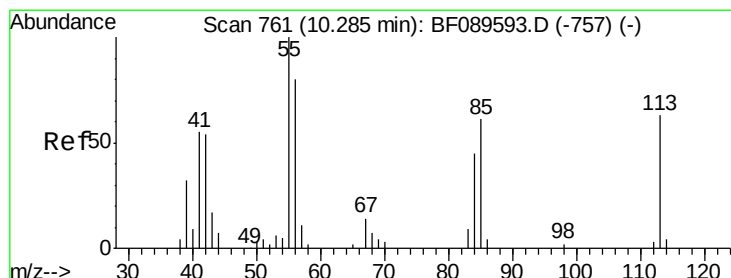
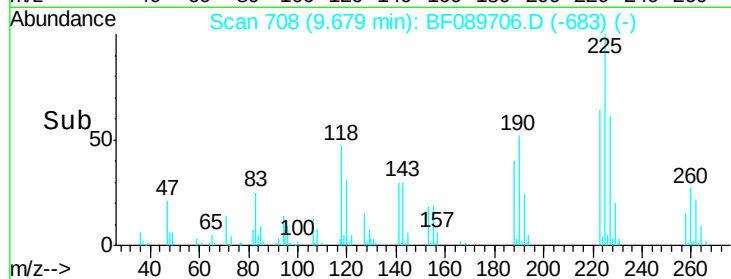
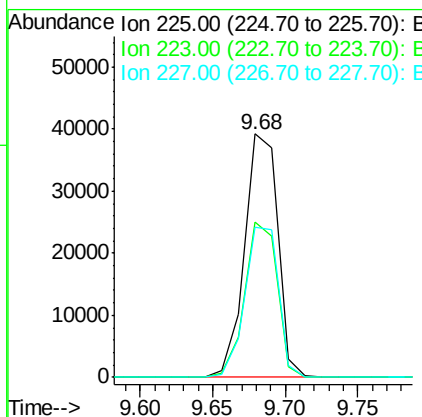
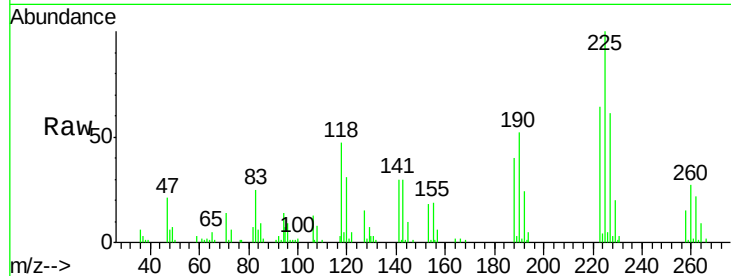
#34  
Hexachlorobutadiene  
Concen: 34.41 ng  
RT: 9.68 min Scan# 708  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

Tgt Ion: 225 Resp: 62321  
Ion Ratio Lower Upper  
225 100  
223 63.5 50.7 76.1  
227 61.5 49.4 74.0

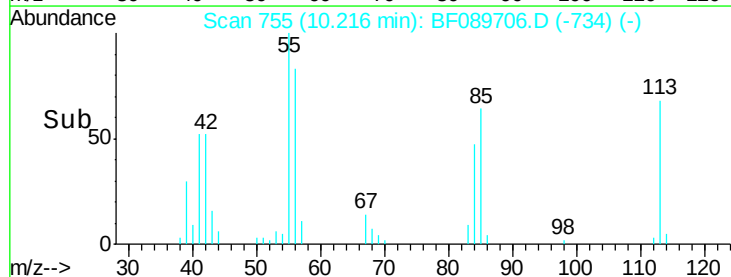
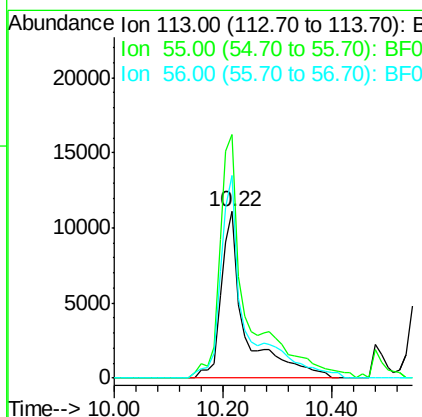
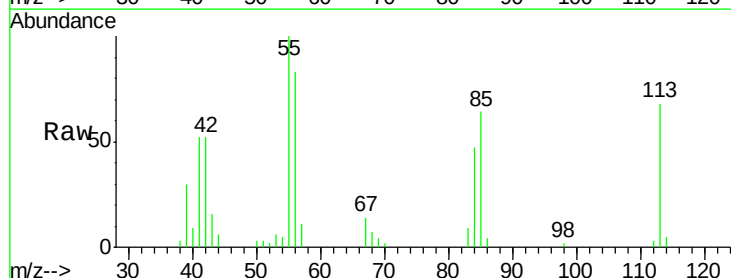
Manual Integrations  
APPROVED

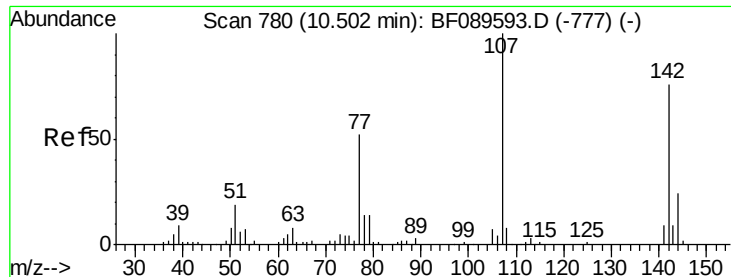
sohil  
8/11/2016 5:52:05 PM



#35  
Caprolactam  
Concen: 42.95 ng  
RT: 10.22 min Scan# 755  
Delta R.T. -0.06 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Tgt Ion: 113 Resp: 34468  
Ion Ratio Lower Upper  
113 100  
55 146.4 139.6 179.6  
56 121.8 108.2 148.2





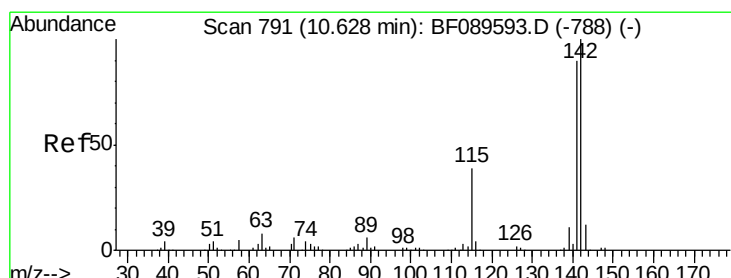
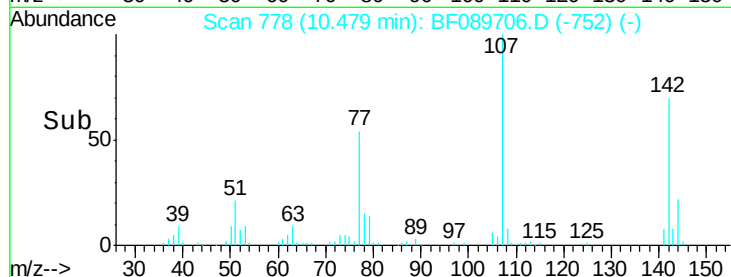
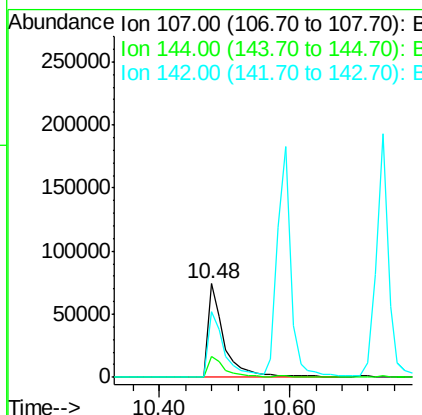
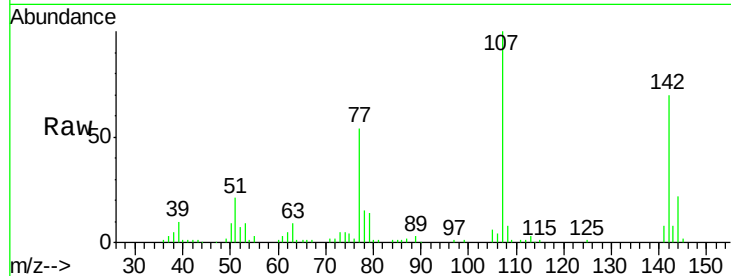
#36  
4-Chloro-3-methylphenol  
Concen: 40.27 ng  
RT: 10.48 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 128908 |       |       |
| 144     | 21.8  | 18.9   | 28.3  |       |
| 142     | 69.9  | 60.4   | 90.6  |       |

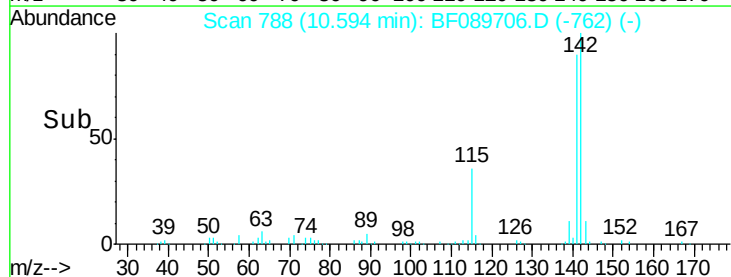
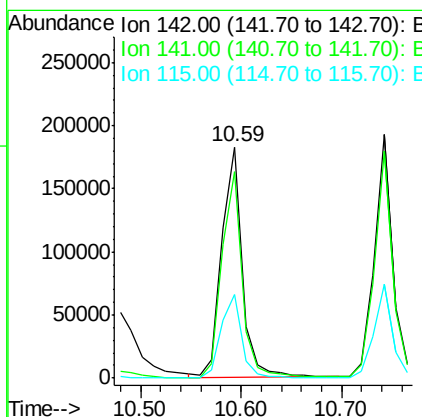
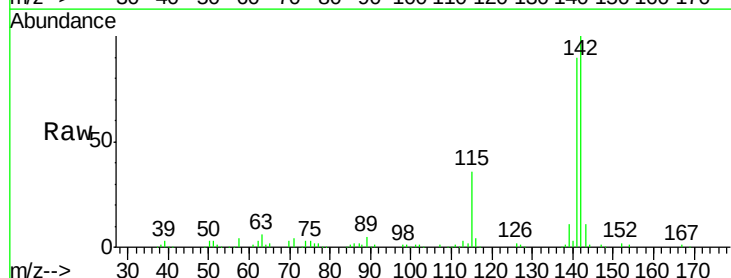
Manual Integrations  
APPROVED

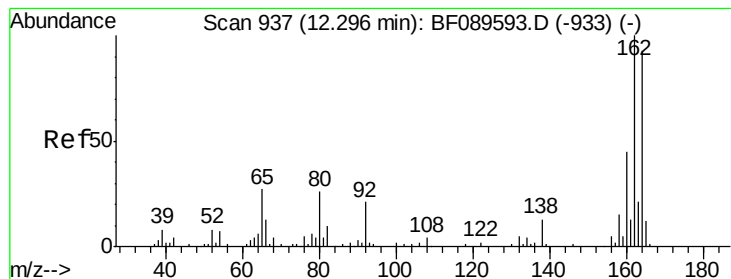
sohil  
8/11/2016 5:52:05 PM



#37  
2-Methylnaphthalene  
Concen: 38.83 ng  
RT: 10.59 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 260665 |       |       |
| 141     | 89.6  | 71.8   | 107.6 |       |
| 115     | 36.0  | 31.0   | 46.4  |       |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

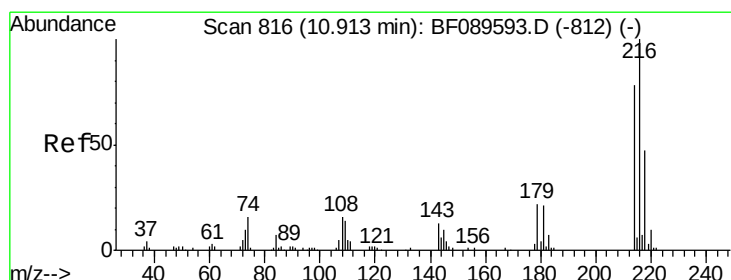
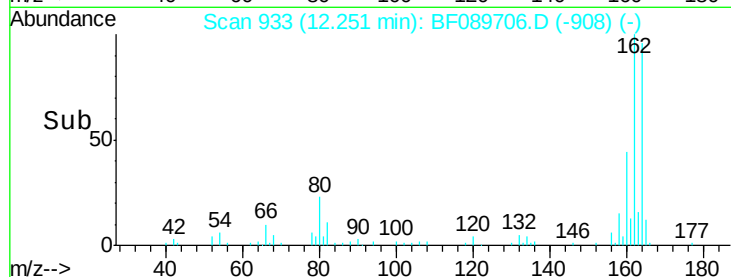
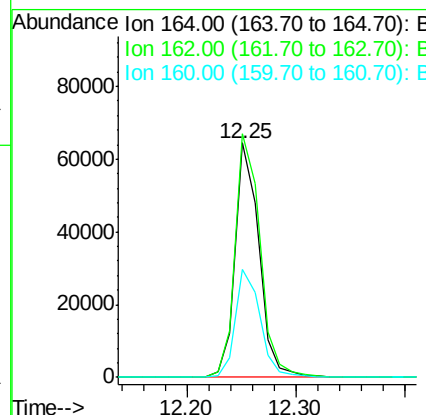
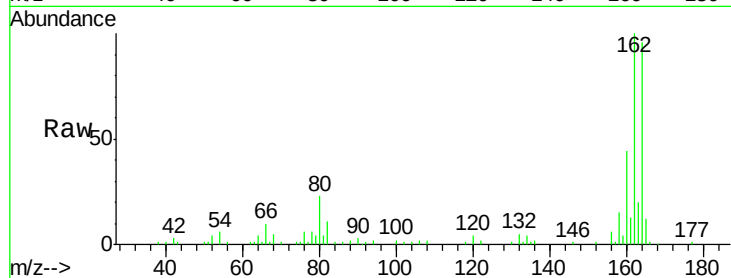
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 97097 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 103.8 | 85.7  | 128.5 |
| 160       | 46.2  | 38.2  | 57.4  |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.92 ng

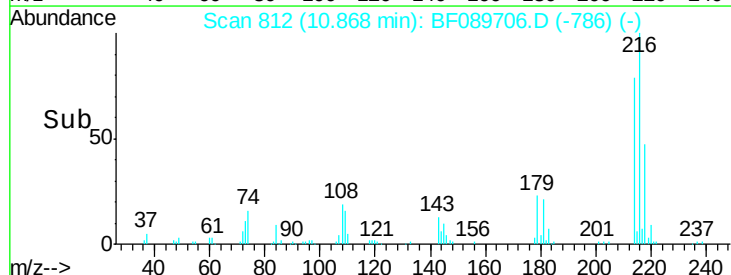
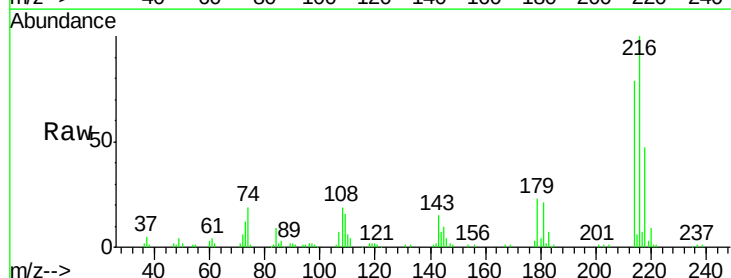
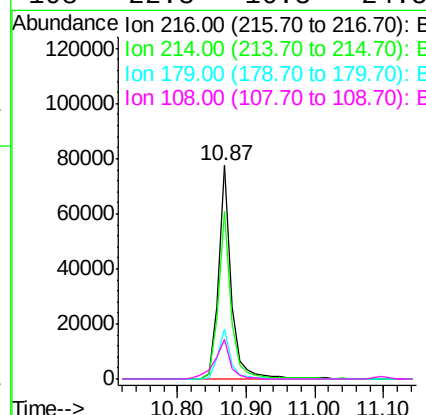
RT: 10.87 min Scan# 812

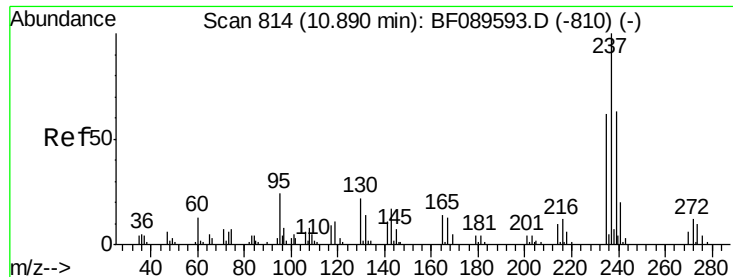
Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 101882 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.9  | 62.6  | 94.0   |
| 179       | 23.0  | 17.8  | 26.8   |
| 108       | 22.3  | 16.3  | 24.5   |





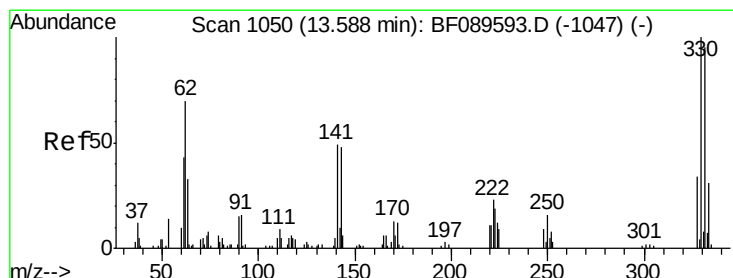
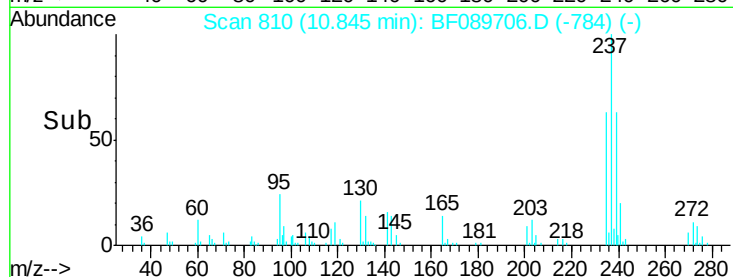
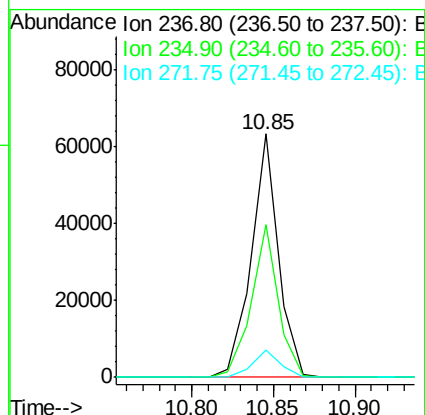
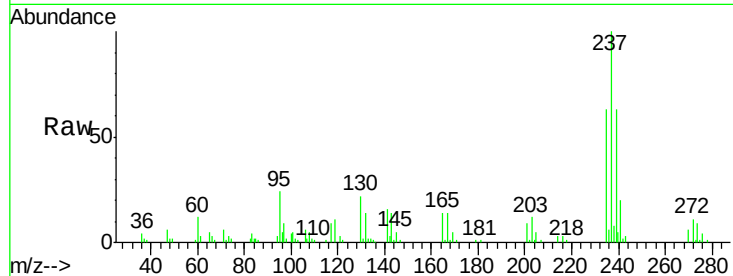
#40  
Hexachlorocyclopentadiene  
Concen: 60.33 ng  
RT: 10.85 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 73024 |       |       |
| 235     | 62.7  | 41.9  | 81.9  |       |
| 272     | 11.3  | 0.0   | 32.4  |       |

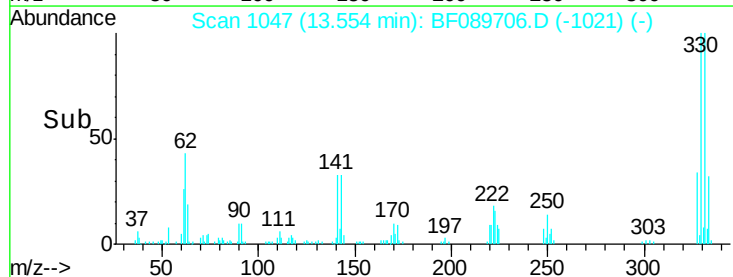
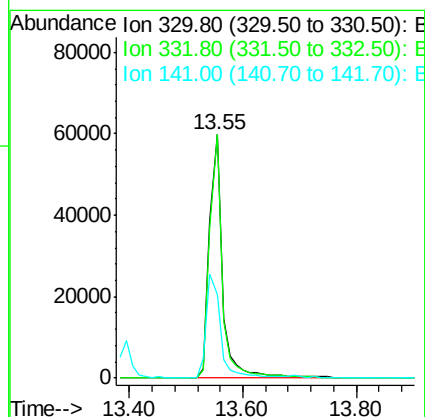
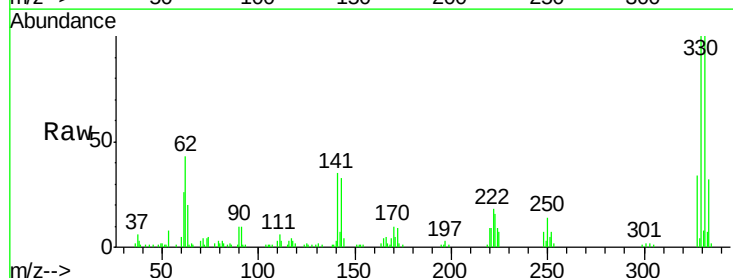
Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM

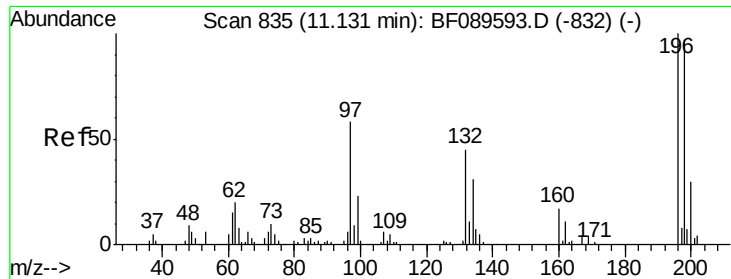


#41  
2,4,6-Tribromophenol  
Concen: 115.10 ng  
RT: 13.55 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 92227 |       |       |
| 332     | 96.8  | 77.0  | 115.6 |       |
| 141     | 47.0  | 38.6  | 57.8  |       |







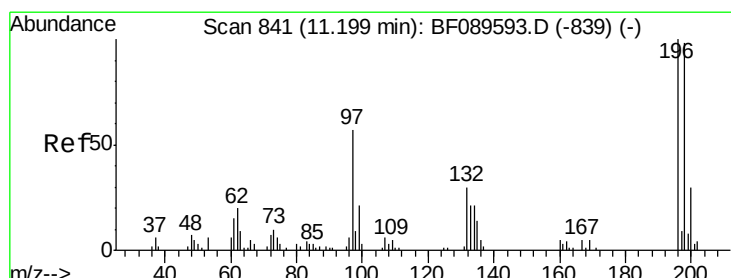
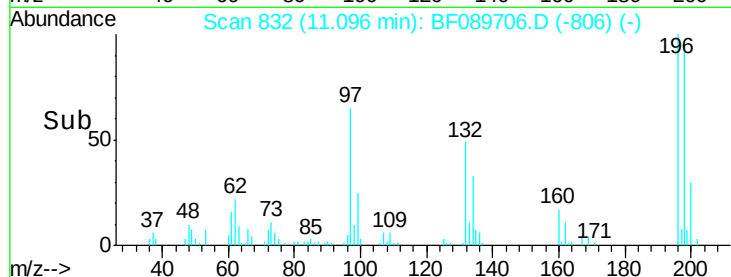
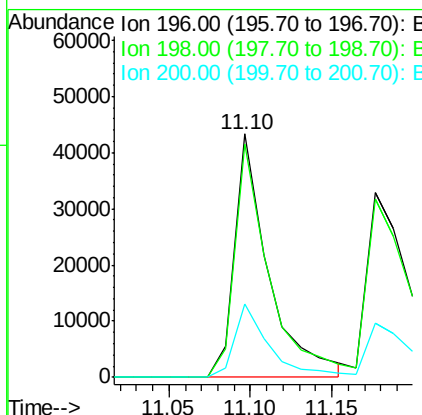
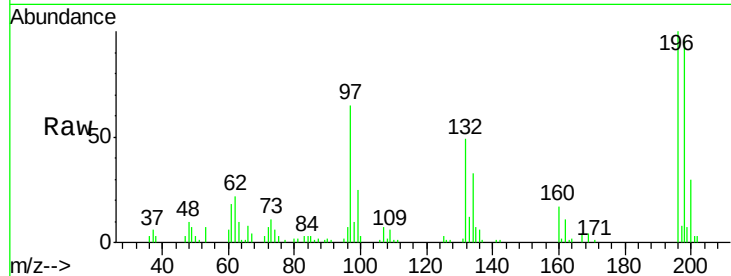
#42  
 2,4,6-Trichlorophenol  
 Concen: 34.67 ng  
 RT: 11.10 min Scan# 832  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 62410 |       |       |
| 198     | 96.1  | 77.6  | 116.4 |       |
| 200     | 30.0  | 23.8  | 35.8  |       |

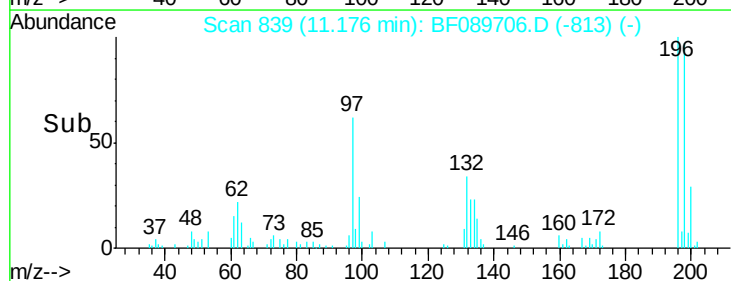
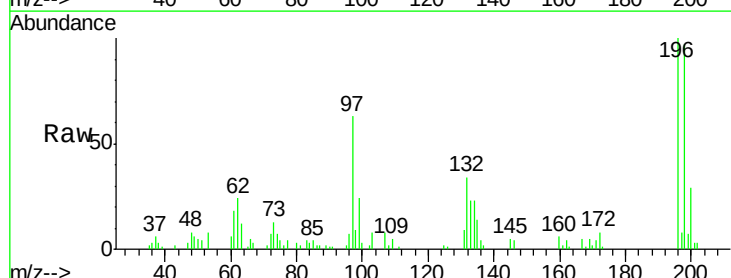
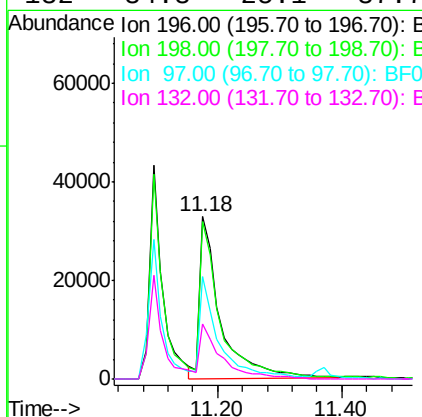
Manual Integrations  
 APPROVED

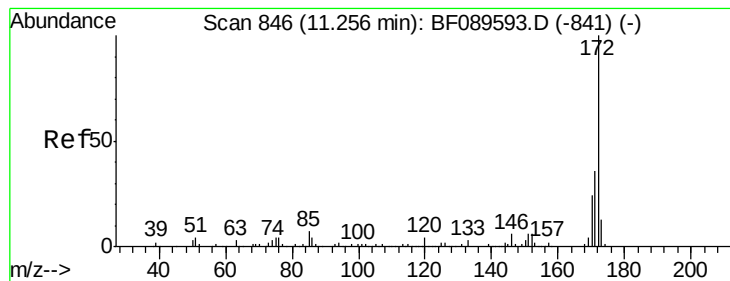
sohil  
 8/11/2016 5:52:05 PM



#43  
 2,4,5-Trichlorophenol  
 Concen: 39.34 ng  
 RT: 11.18 min Scan# 839  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 75674 |       |       |
| 198     | 96.6  | 77.8  | 116.6 |       |
| 97      | 62.8  | 45.8  | 68.6  |       |
| 132     | 34.3  | 25.1  | 37.7  |       |





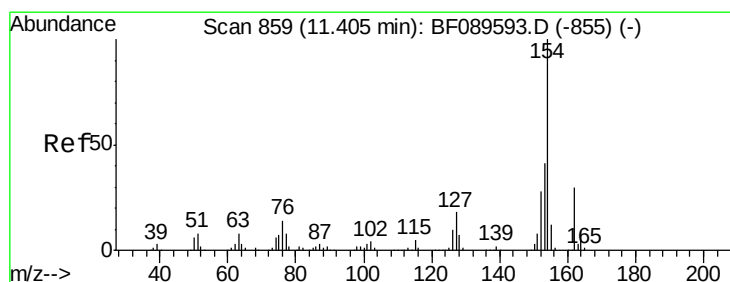
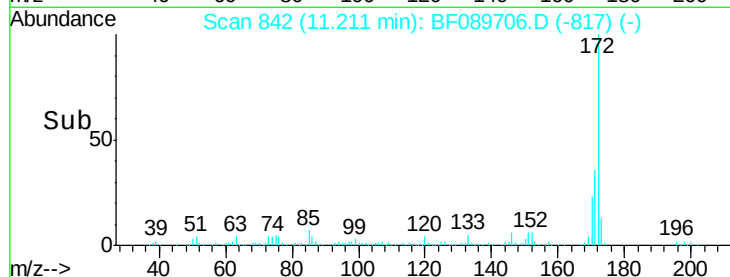
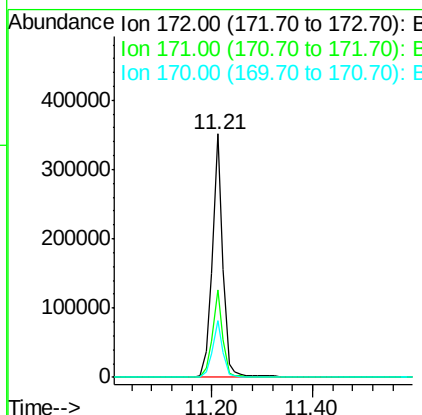
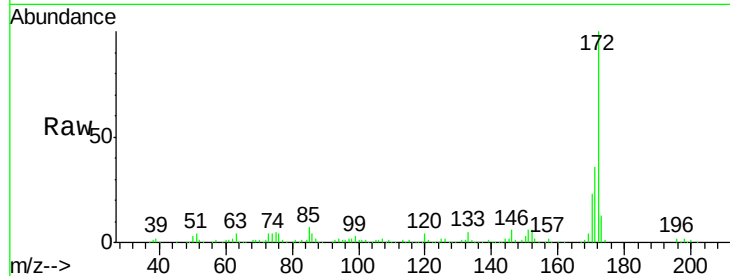
#44  
2-Fluorobiphenyl  
Concen: 68.49 ng  
RT: 11.21 min Scan# 842  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 511732 |       |       |
| 171     | 36.0  | 28.9   | 43.3  |       |
| 170     | 23.4  | 19.0   | 28.6  |       |

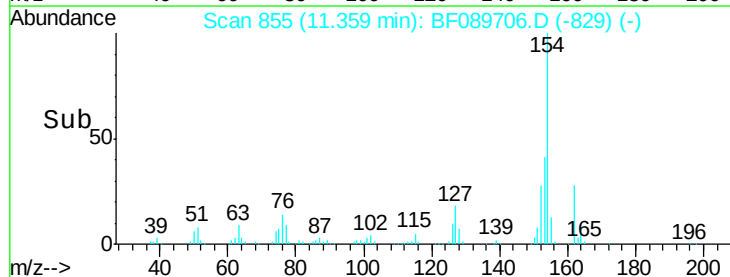
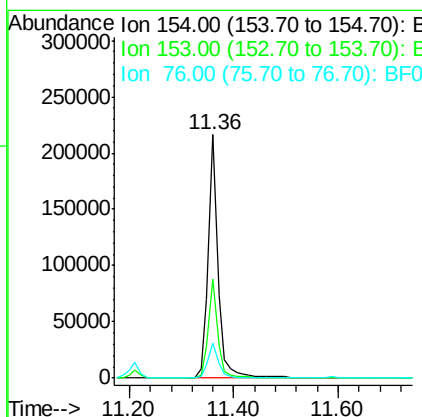
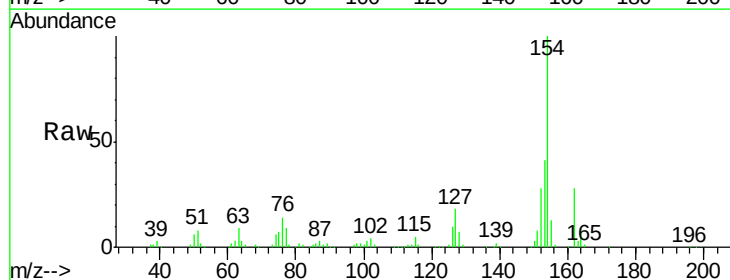
Manual Integrations  
APPROVED

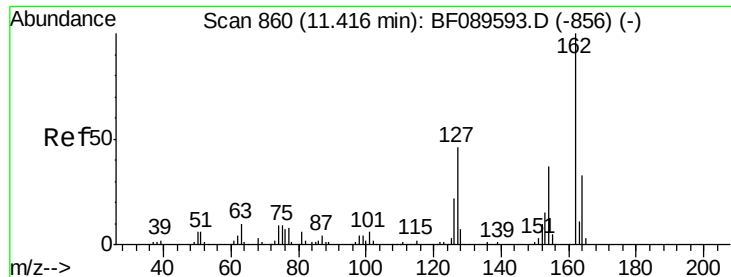
sohil  
8/11/2016 5:52:05 PM



#45  
1,1'-Biphenyl  
Concen: 32.51 ng  
RT: 11.36 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 284681 |       |       |
| 153     | 40.7  | 20.6   | 60.6  |       |
| 76      | 14.1  | 0.0    | 33.7  |       |





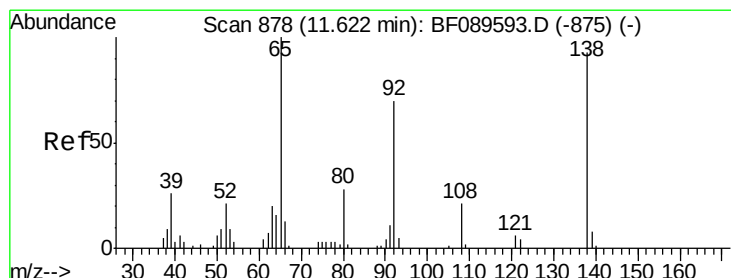
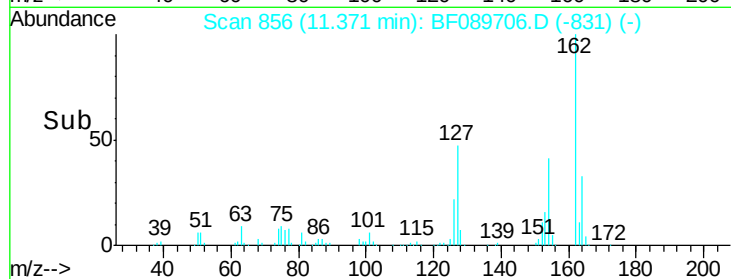
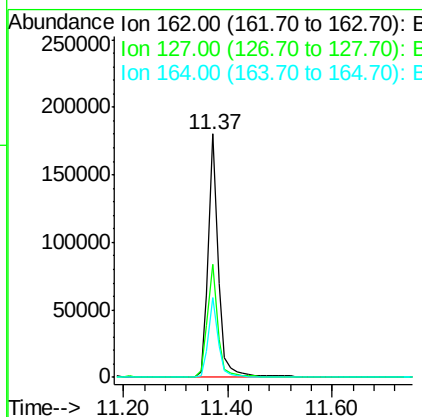
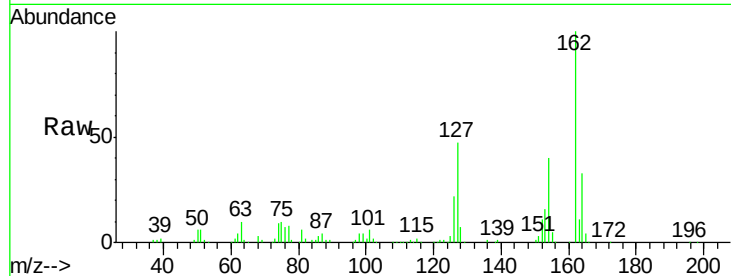
#46  
 2-Chloronaphthalene  
 Concen: 37.26 ng  
 RT: 11.37 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 244643 |       |       |
| 127     | 46.5  | 36.6   | 54.8  |       |
| 164     | 32.8  | 26.8   | 40.2  |       |

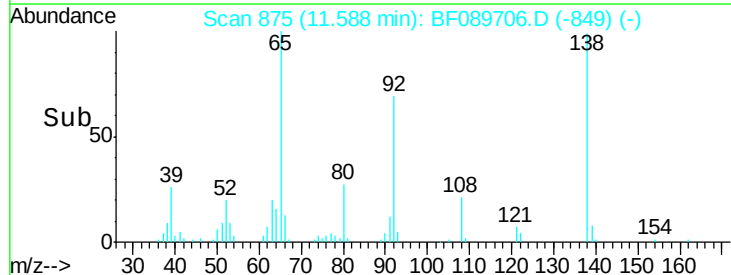
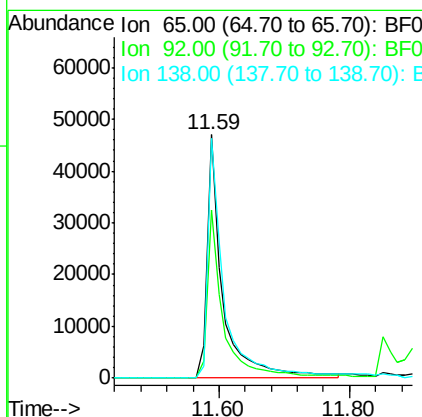
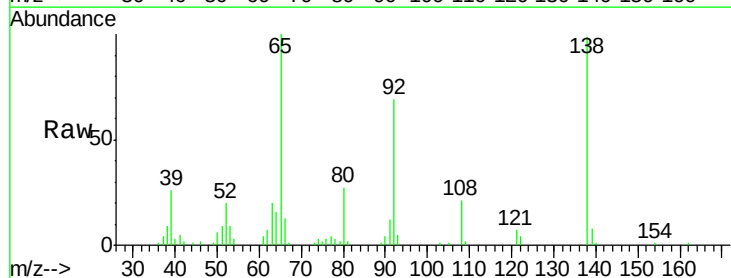
Manual Integrations  
 APPROVED

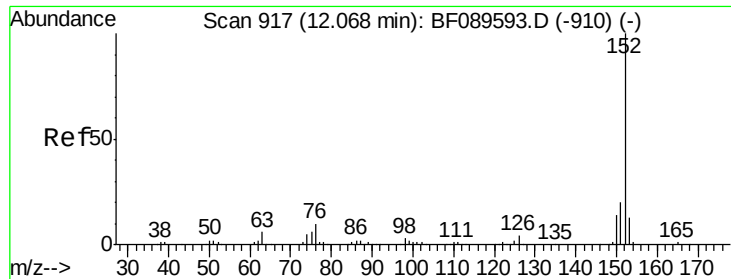
sohil  
 8/11/2016 5:52:05 PM



#47  
 2-Nitroaniline  
 Concen: 37.59 ng  
 RT: 11.59 min Scan# 875  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 79553 |       |       |
| 92      | 68.8  | 56.3  | 84.5  |       |
| 138     | 98.7  | 74.3  | 111.5 |       |





#48

Acenaphthylene

Concen: 37.34 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

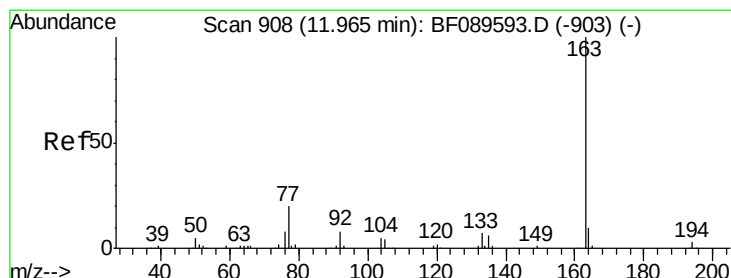
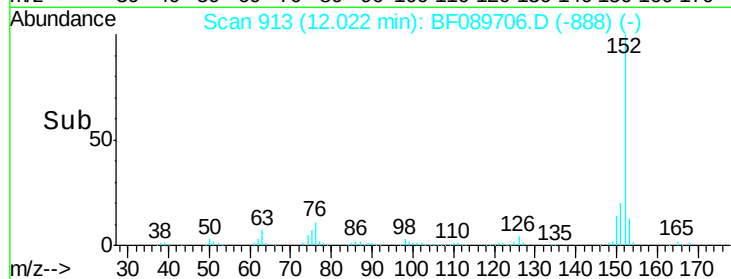
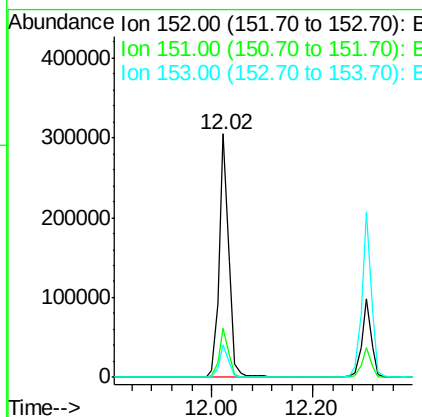
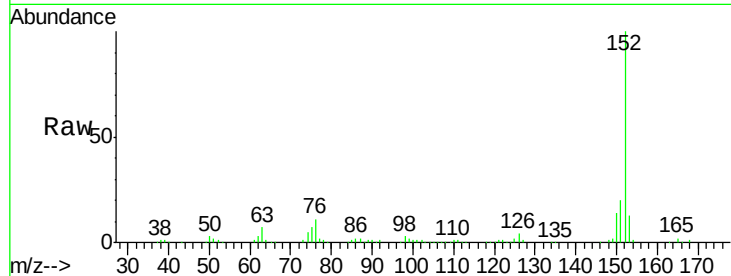
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 403818 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.1  | 16.2  | 24.4   |
| 153       | 13.2  | 10.5  | 15.7   |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#49

Dimethylphthalate

Concen: 52.16 ng

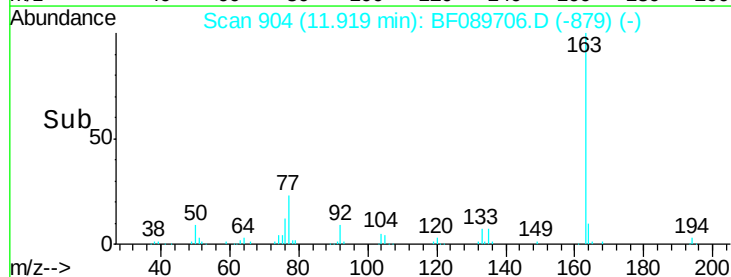
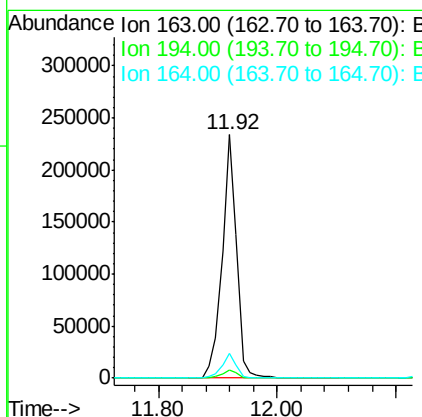
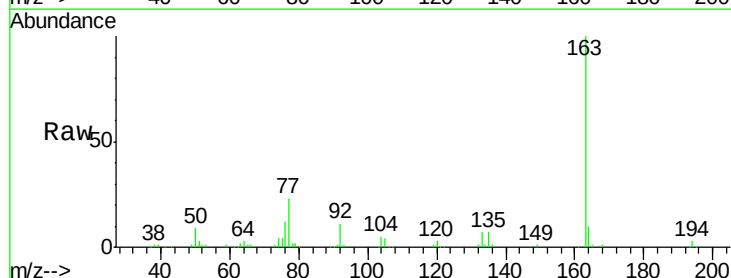
RT: 11.92 min Scan# 904

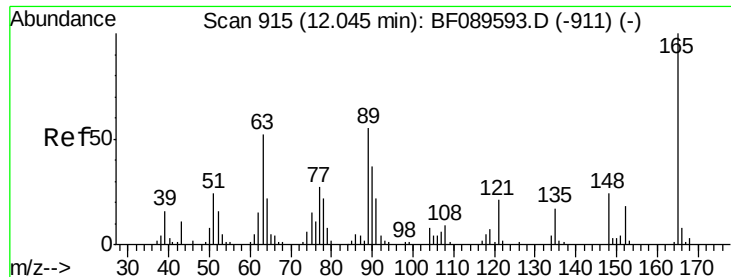
Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 396988 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 2.7   | 4.1    |
| 164       | 10.1  | 7.8   | 11.6   |





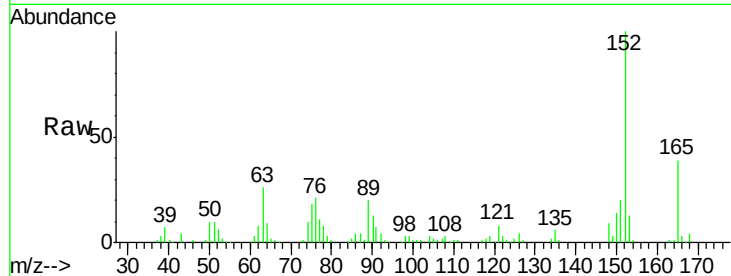
#50  
2,6-Dinitrotoluene  
Concen: 42.32 ng  
RT: 12.01 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

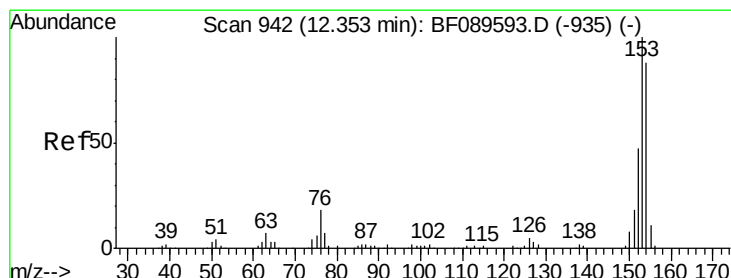
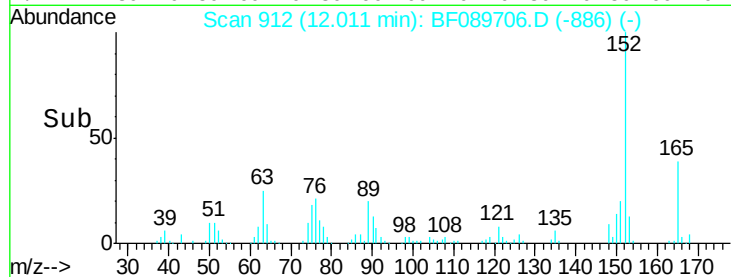
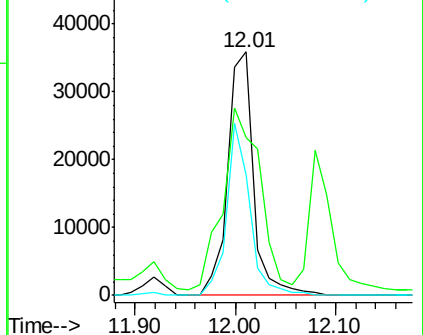
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 65.0  | 44.6       | 67.0       |
| 89      | 49.7  | 44.2       | 66.2       |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM

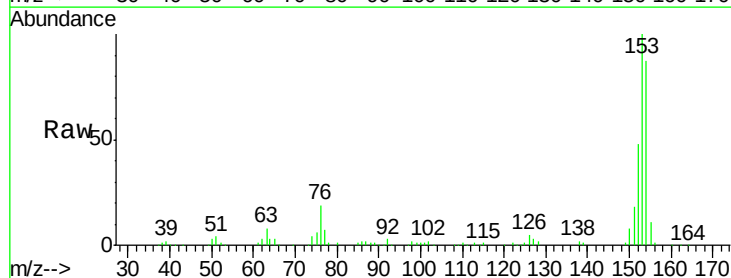


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0

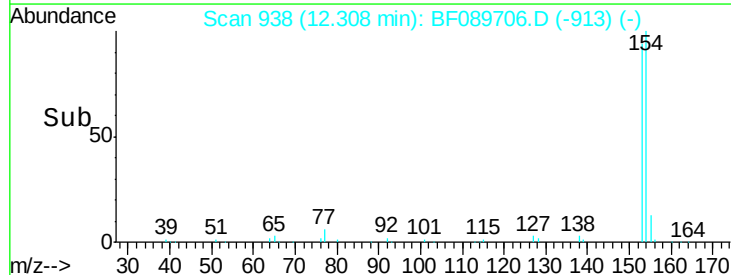
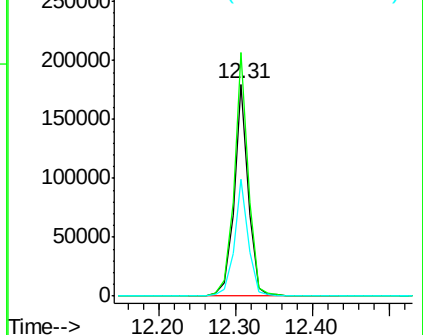


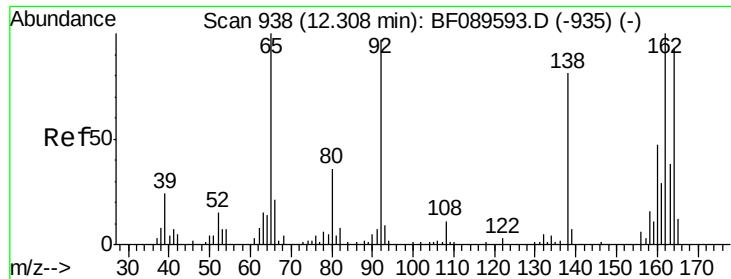
#51  
Acenaphthene  
Concen: 37.76 ng  
RT: 12.31 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 114.8 | 91.1       | 136.7      |
| 152     | 54.8  | 43.5       | 65.3       |



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





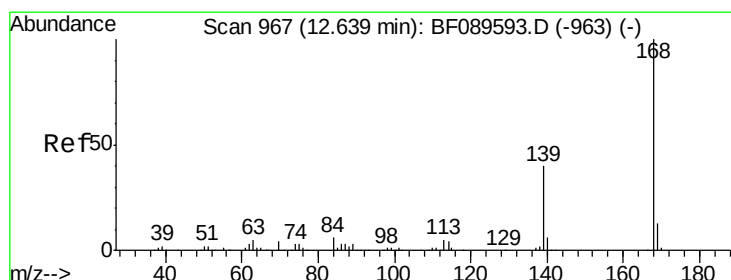
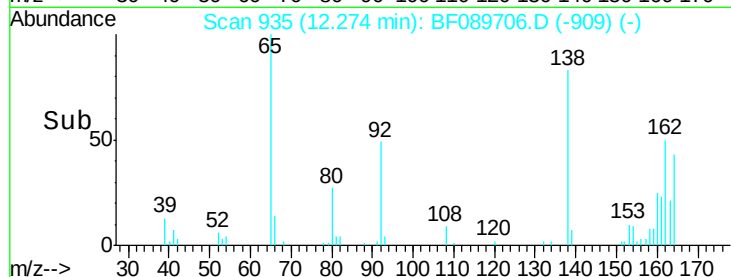
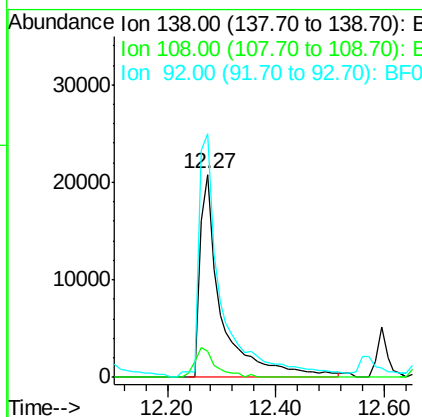
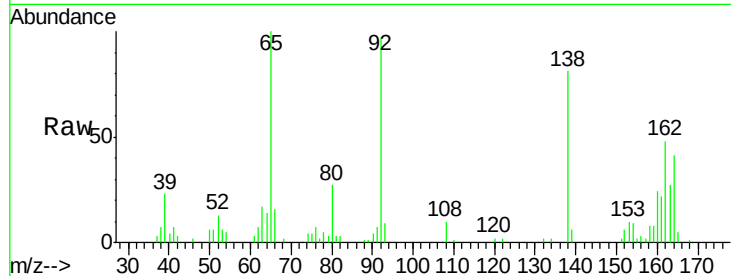
#52  
3-Nitroaniline  
Concen: 31.02 ng  
RT: 12.27 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.6  | 10.7  | 16.1  |
| 92      | 119.9 | 96.6  | 145.0 |

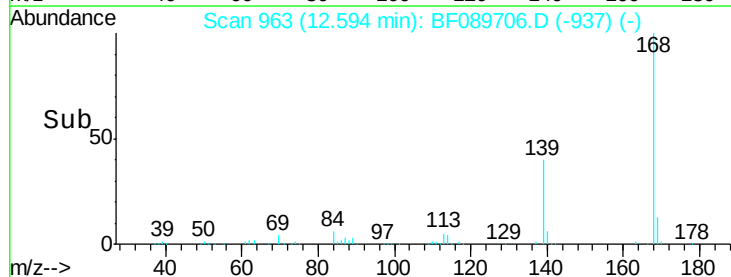
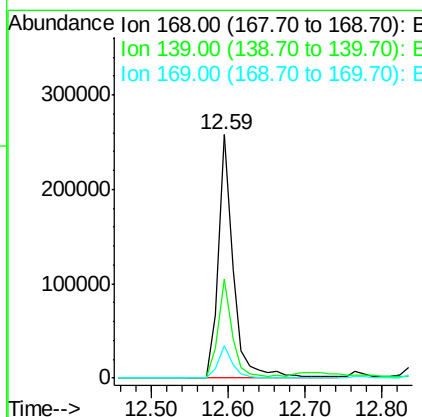
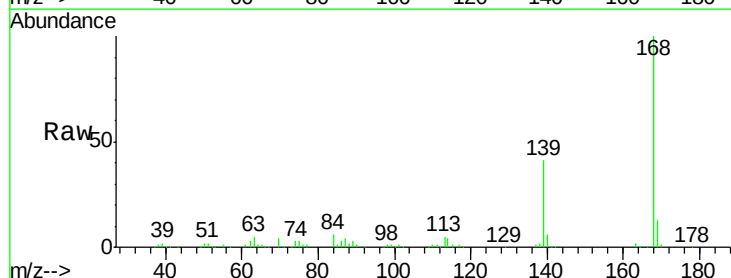
Manual Integrations  
APPROVED

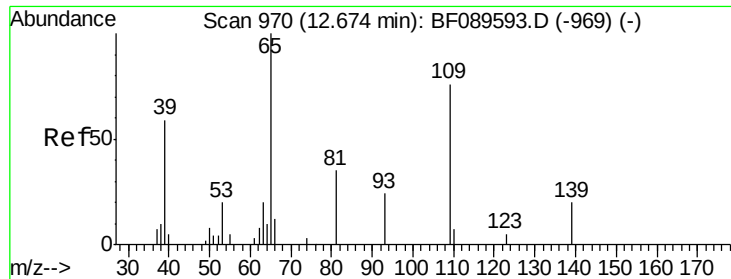
sohil  
8/11/2016 5:52:05 PM



#54  
Dibenzofuran  
Concen: 41.38 ng  
RT: 12.59 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.8  | 32.3  | 48.5  |
| 169     | 13.3  | 10.6  | 15.8  |





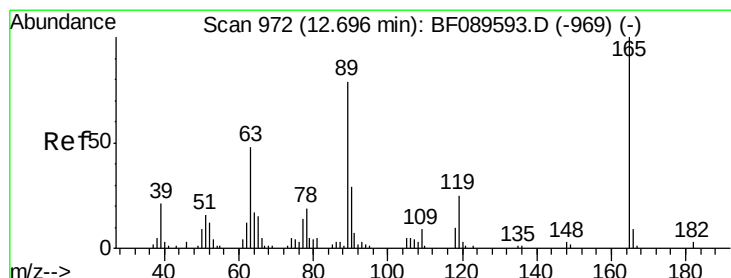
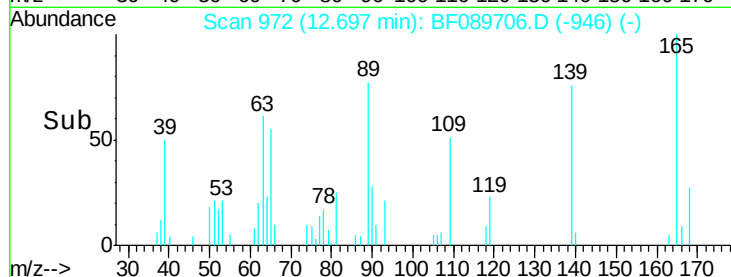
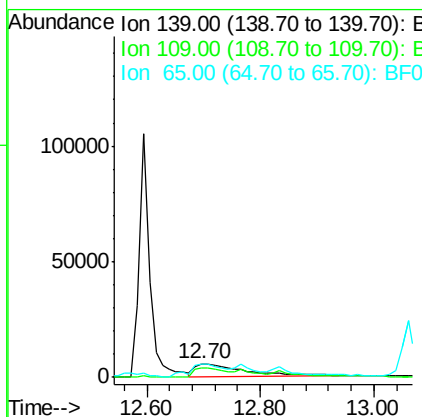
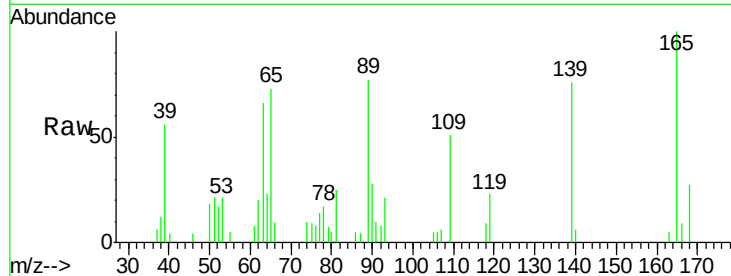
#55  
4-Nitrophenol  
Concen: 30.54 ng  
RT: 12.70 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 31552 |       |       |
| 109     | 67.5  | 28.9  | 68.9  |       |
| 65      | 96.1  | 49.2  | 89.2# |       |

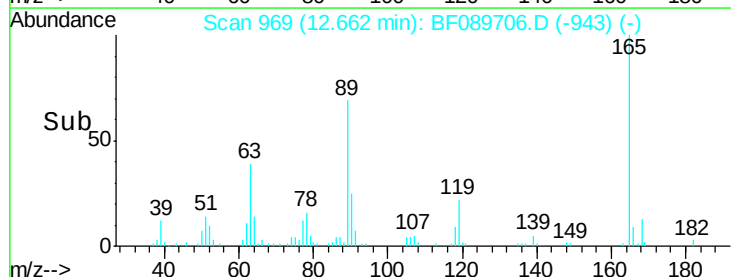
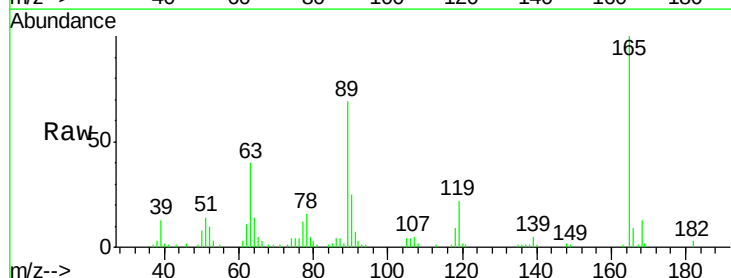
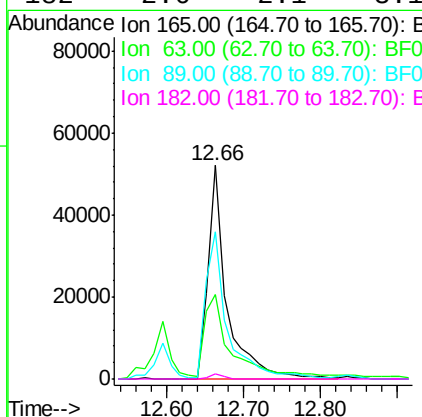
Manual Integrations  
APPROVED

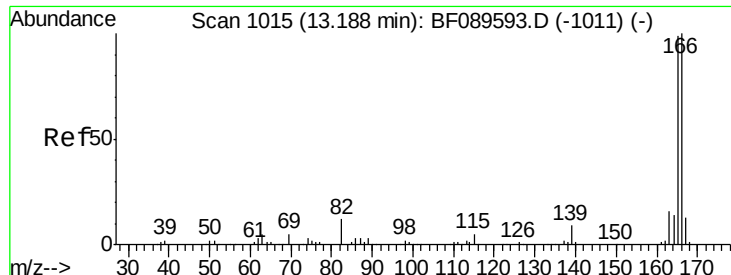
sohil  
8/11/2016 5:52:05 PM



#56  
2,4-Dinitrotoluene  
Concen: 41.66 ng  
RT: 12.66 min Scan# 969  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 88658 |       |       |
| 63      | 39.8  | 42.2  | 63.4# |       |
| 89      | 69.2  | 64.4  | 96.6  |       |
| 182     | 2.6   | 2.1   | 3.1   |       |





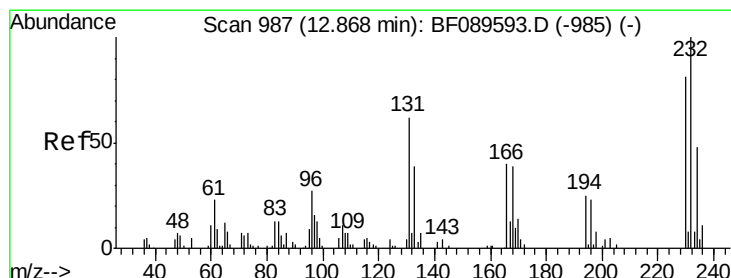
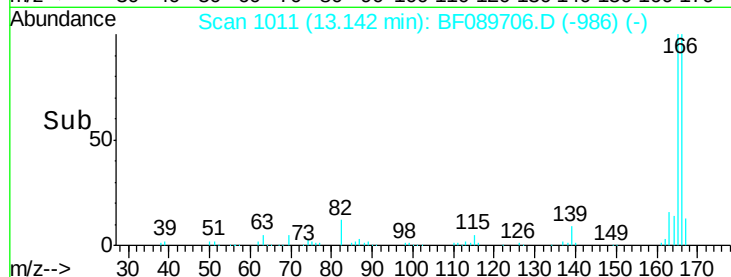
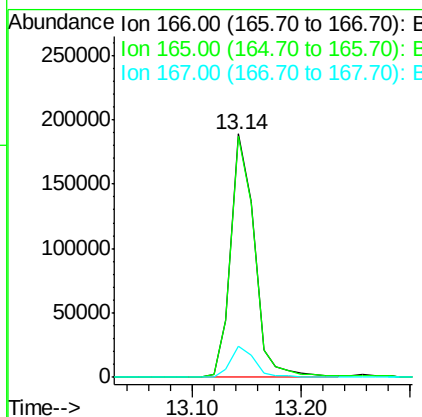
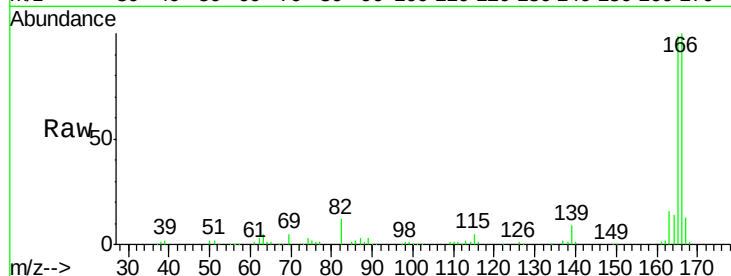
#57  
 Fluorene  
 Concen: 38.79 ng  
 RT: 13.14 min Scan# 1011  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 284708 |       |       |
| 165     | 98.9  | 78.9   | 118.3 |       |
| 167     | 13.0  | 10.4   | 15.6  |       |

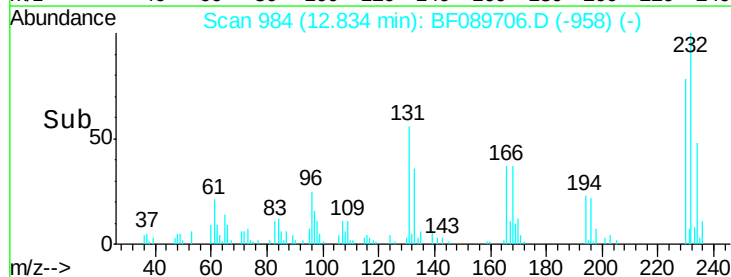
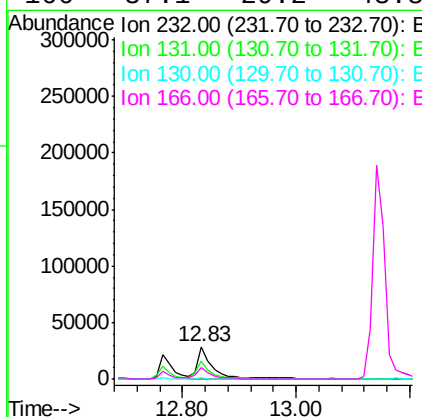
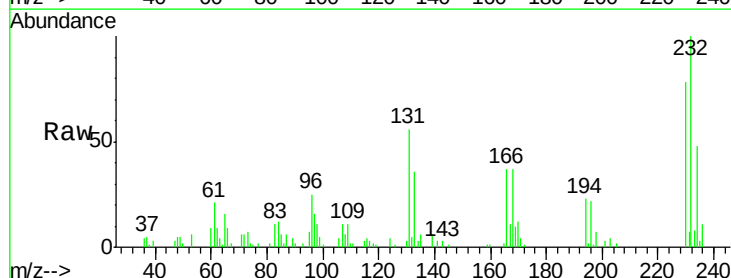
Manual Integrations  
 APPROVED

sohil  
 8/11/2016 5:52:05 PM

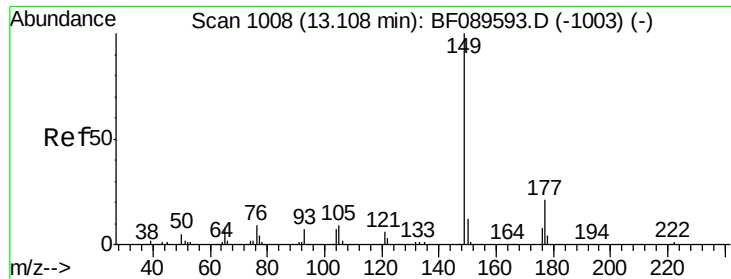


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 34.73 ng  
 RT: 12.83 min Scan# 984  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 50720 |       |       |
| 131     | 59.6  | 46.2  | 69.2  |       |
| 130     | 1.7   | 1.7   | 2.5   |       |
| 166     | 37.1  | 29.2  | 43.8  |       |







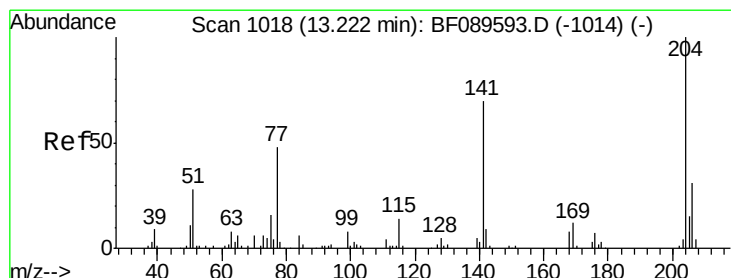
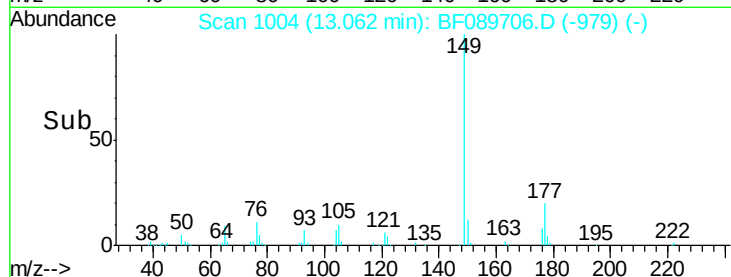
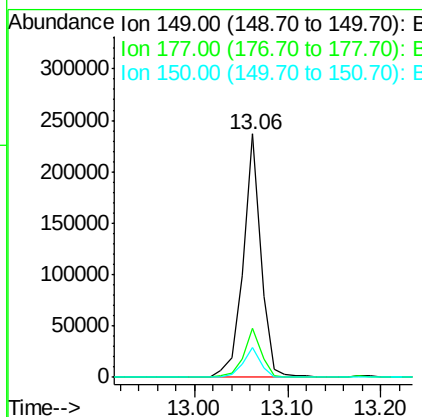
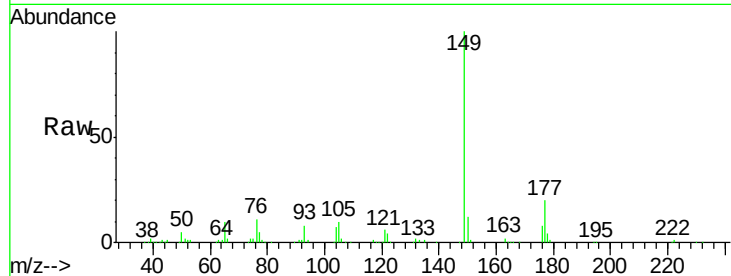
#59  
Diethylphthalate  
Concen: 39.76 ng  
RT: 13.06 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 312945 |       |       |
| 177     | 20.0  | 16.8   | 25.2  |       |
| 150     | 12.2  | 9.6    | 14.4  |       |

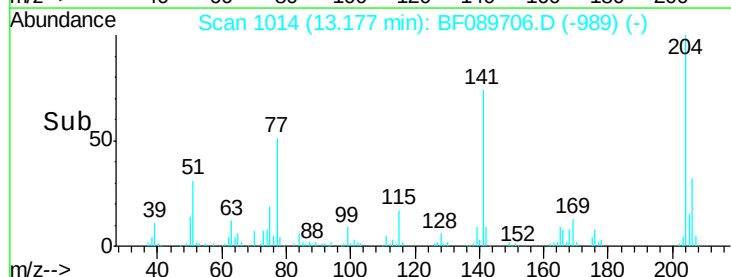
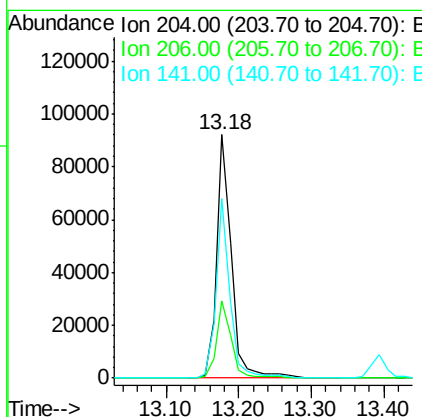
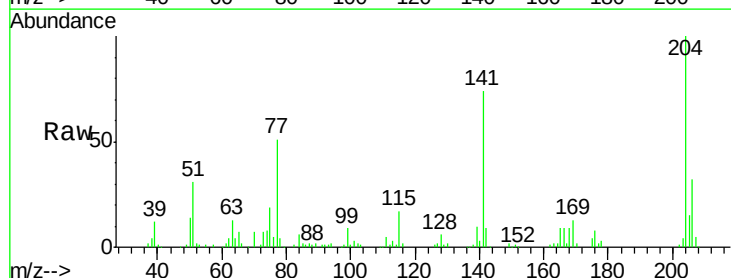
Manual Integrations  
APPROVED

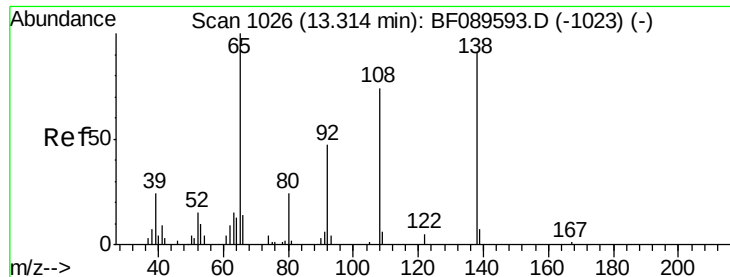
sohil  
8/11/2016 5:52:05 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 38.63 ng  
RT: 13.18 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 130013 |       |       |
| 206     | 31.8  | 25.0   | 37.4  |       |
| 141     | 73.6  | 56.2   | 84.4  |       |





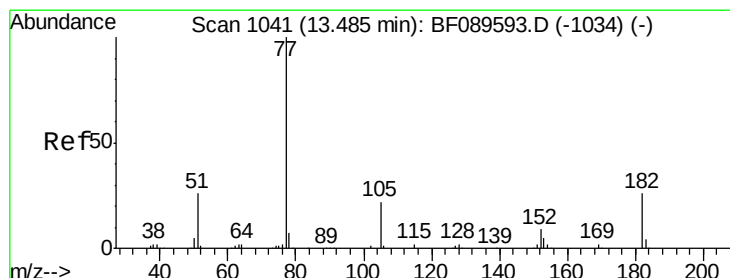
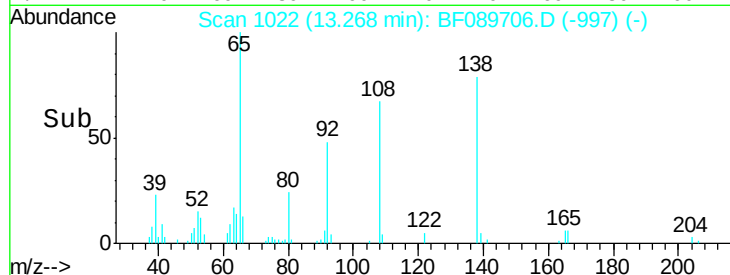
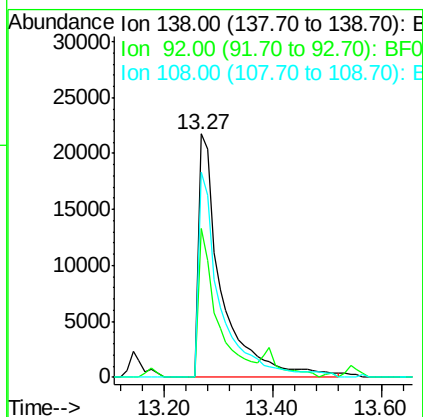
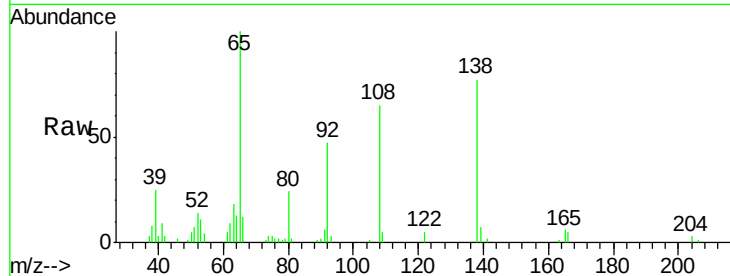
#61  
4-Nitroaniline  
Concen: 38.90 ng  
RT: 13.27 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

Tgt Ion: 138 Resp: 63295  
Ion Ratio Lower Upper  
138 100  
92 60.9 31.6 71.6  
108 84.3 61.5 101.5

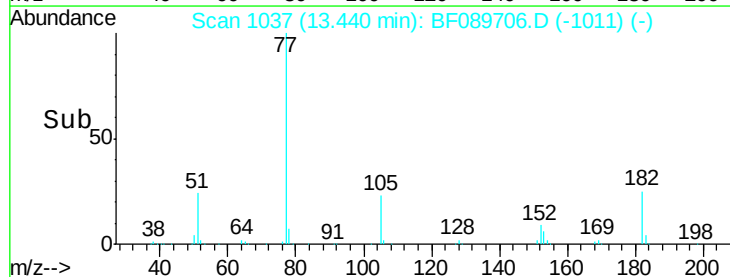
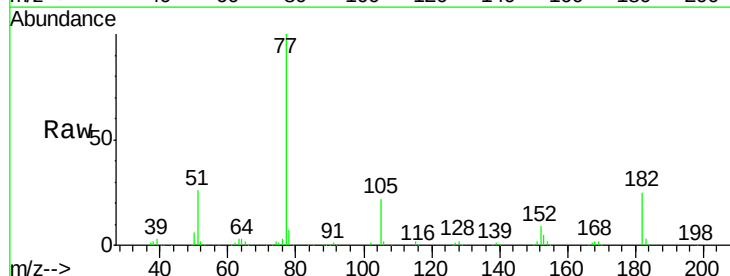
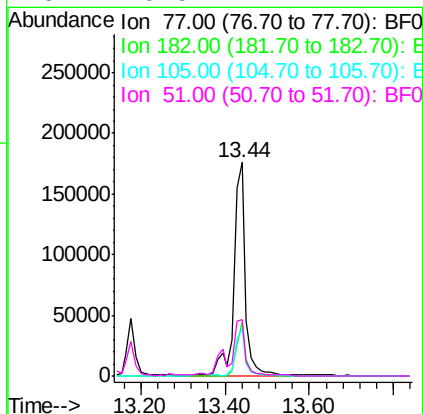
Manual Integrations  
APPROVED

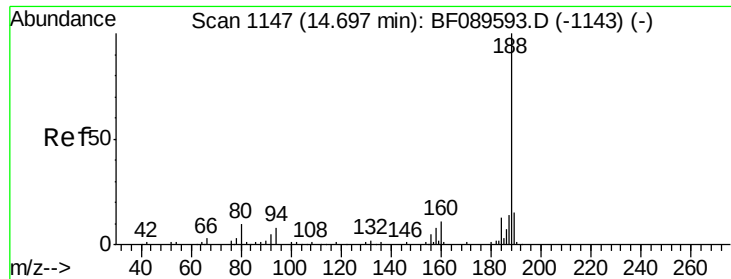
sohil  
8/11/2016 5:52:05 PM



#62  
Azobenzene  
Concen: 45.14 ng  
RT: 13.44 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Tgt Ion: 77 Resp: 343581  
Ion Ratio Lower Upper  
77 100  
182 25.2 5.8 45.8  
105 22.4 2.9 42.9  
51 26.5 7.2 47.2





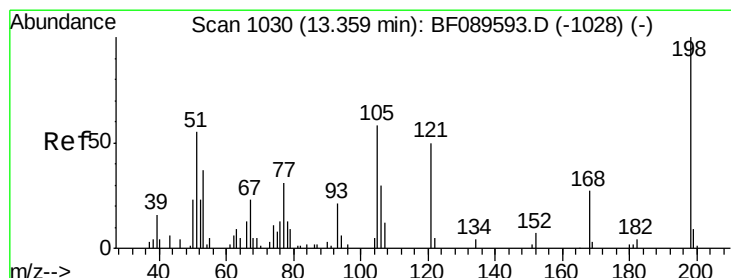
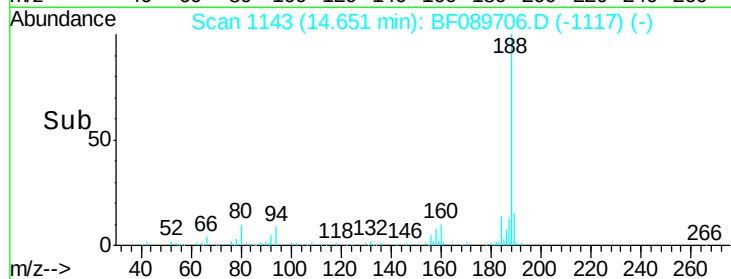
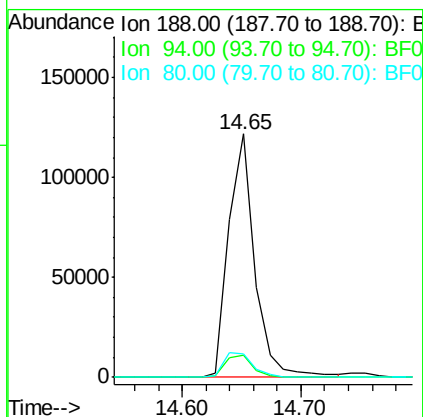
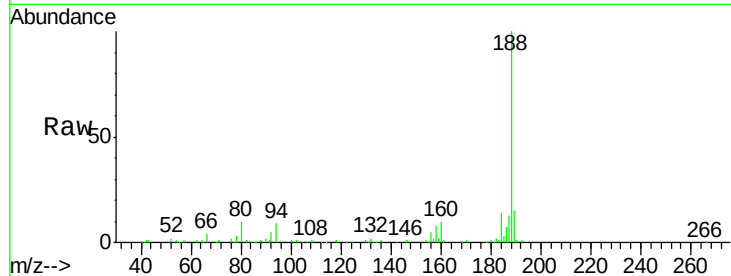
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.65 min Scan# 1143  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 185561 |       |       |
| 94      | 9.0   | 6.5    | 9.7   |       |
| 80      | 9.7   | 8.0    | 12.0  |       |

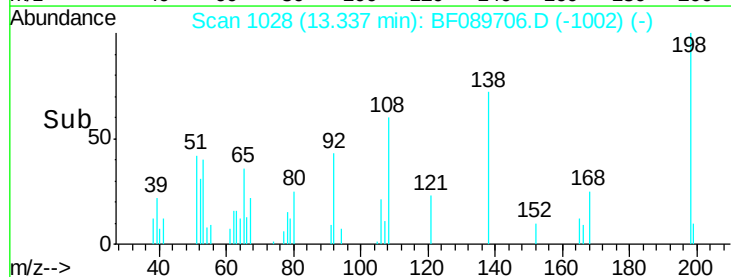
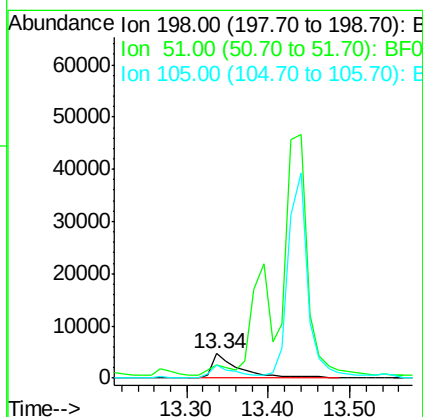
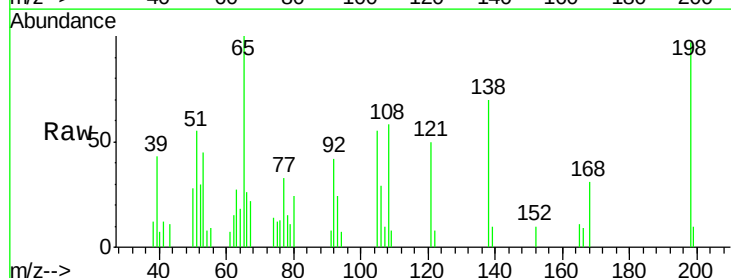
Manual Integrations  
APPROVED

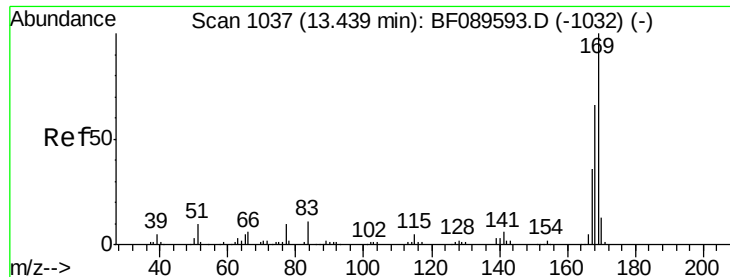
sohil  
8/11/2016 5:52:05 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 13.87 ng  
RT: 13.34 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 10888 |       |       |
| 51      | 56.6  | 38.9  | 78.9  |       |
| 105     | 56.8  | 38.1  | 78.1  |       |





#65

n-Nitrosodiphenylamine

Concen: 39.30 ng

RT: 13.39 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

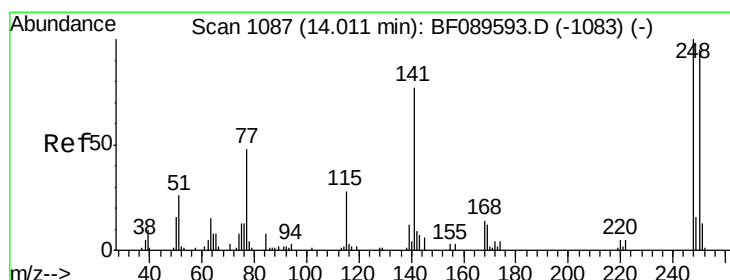
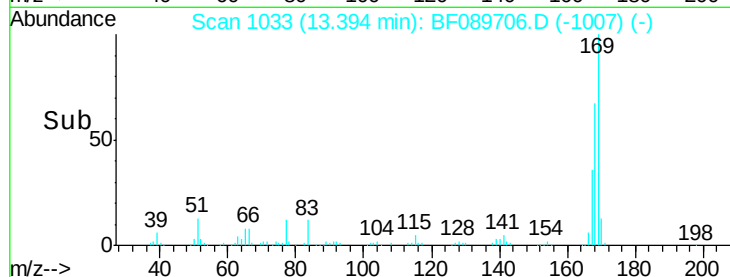
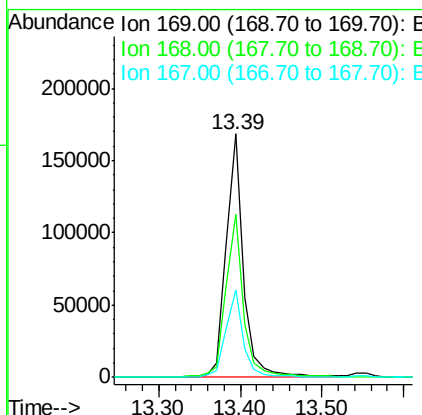
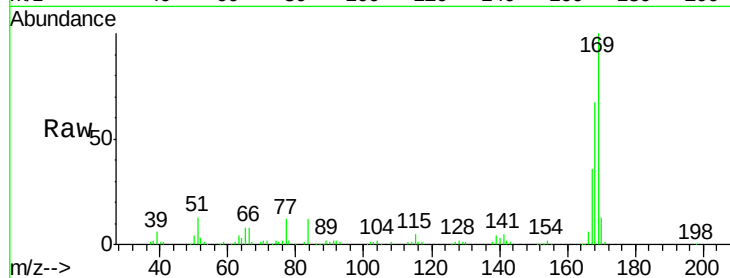
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 246321 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.8  | 54.2  | 81.2   |
| 167       | 35.8  | 28.9  | 43.3   |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#66

4-Bromophenyl-phenylether

Concen: 40.65 ng

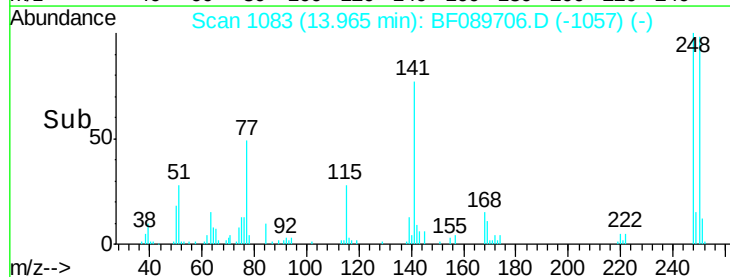
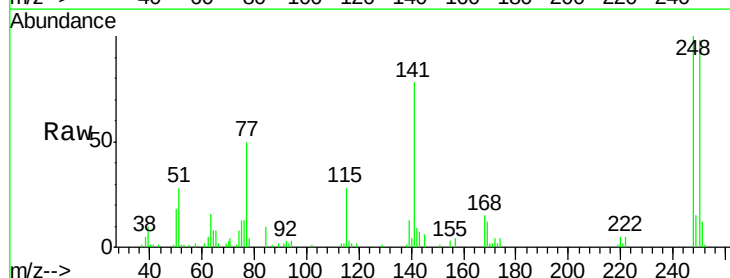
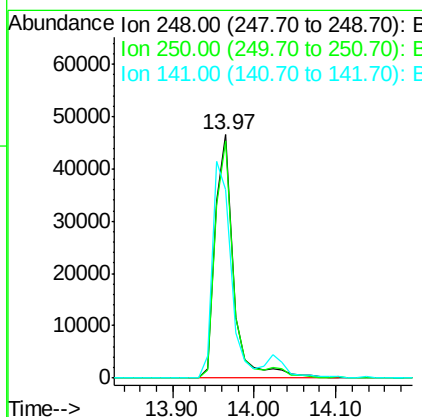
RT: 13.97 min Scan# 1083

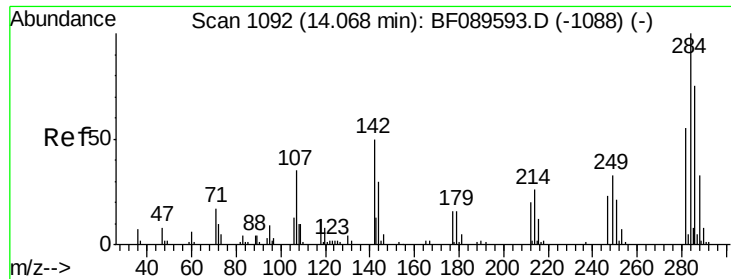
Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 72959 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 97.6  | 76.2  | 114.2 |
| 141       | 77.5  | 61.3  | 91.9  |





#67

Hexachlorobenzene

Concen: 36.82 ng

RT: 14.03 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

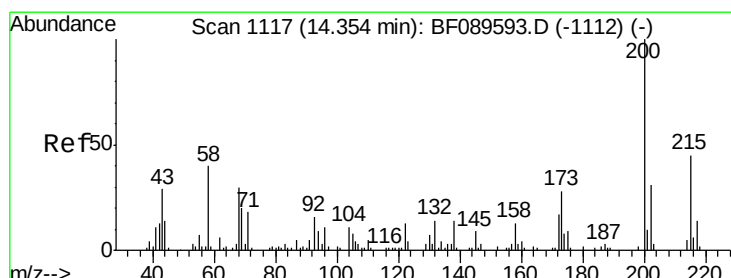
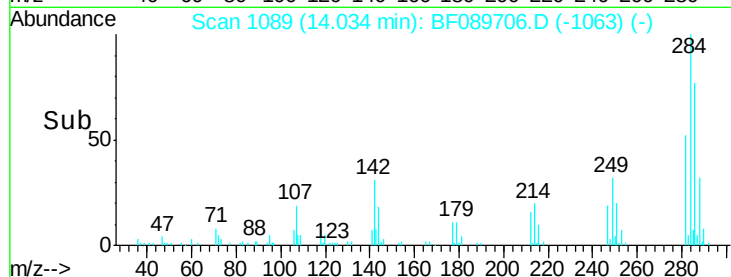
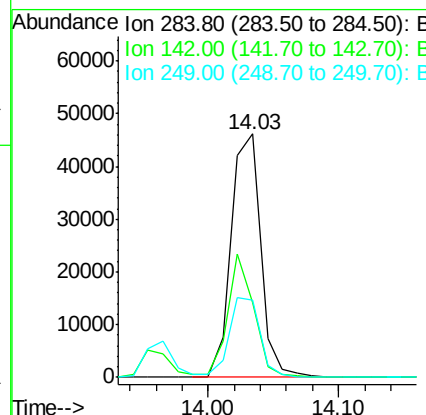
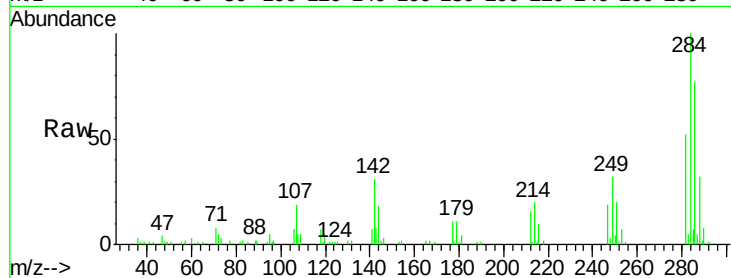
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 72693 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 30.8  | 41.4  | 62.0# |
| 249       | 32.0  | 28.6  | 43.0  |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#68

Atrazine

Concen: 43.16 ng

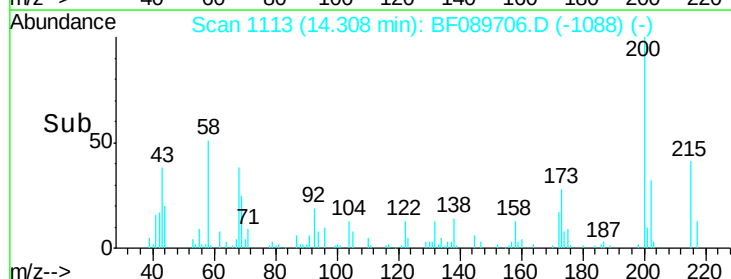
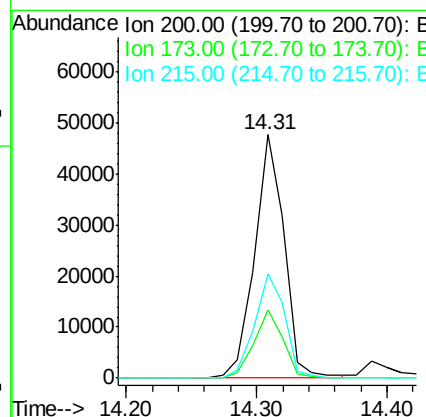
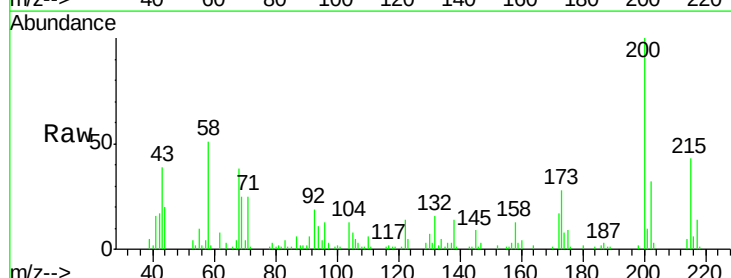
RT: 14.31 min Scan# 1113

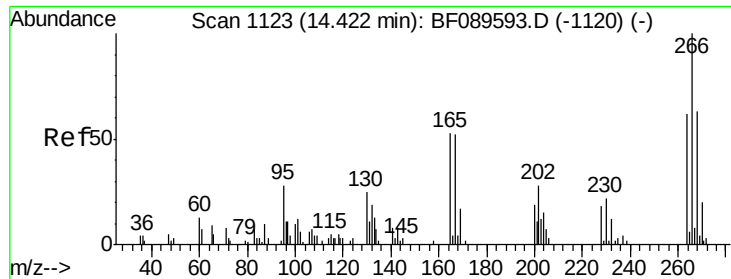
Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 75520 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 28.1  | 8.2   | 48.2  |
| 215       | 42.8  | 24.9  | 64.9  |





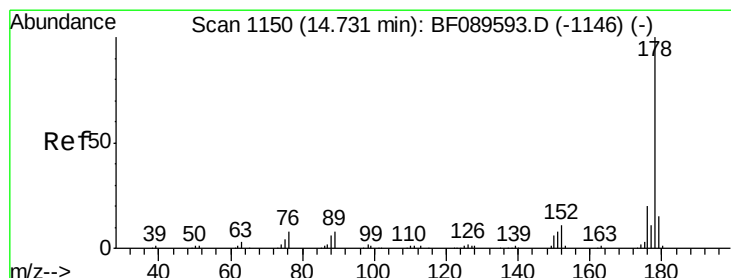
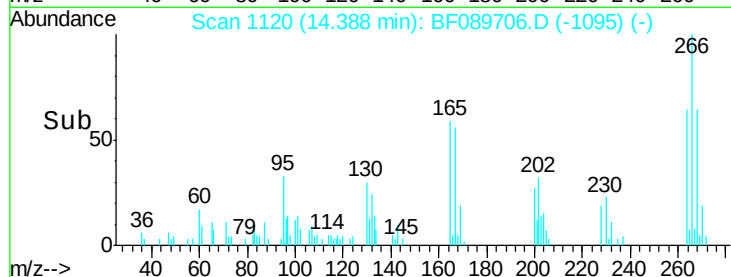
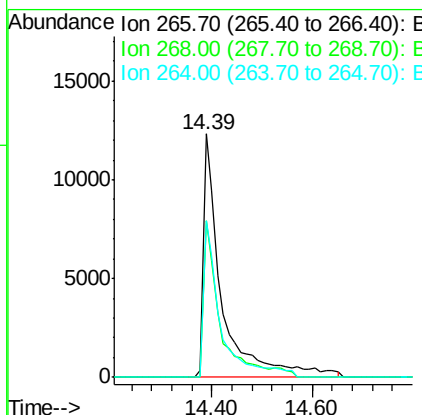
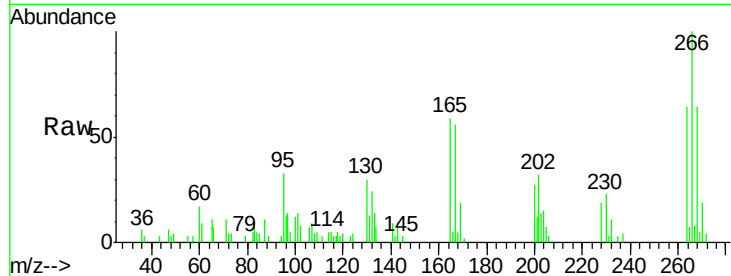
#69  
 Pentachlorophenol  
 Concen: 39.14 ng  
 RT: 14.39 min Scan# 1120  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 31211 |       |       |
| 268     | 64.2  | 50.6  | 75.8  |       |
| 264     | 64.1  | 49.5  | 74.3  |       |

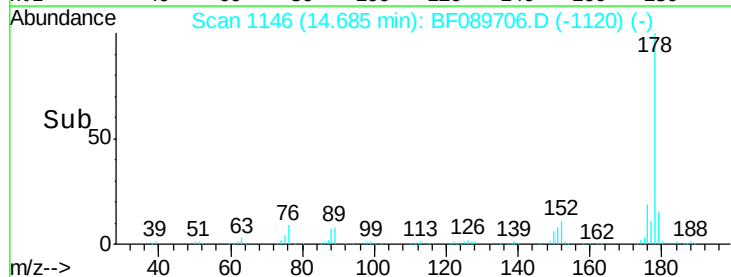
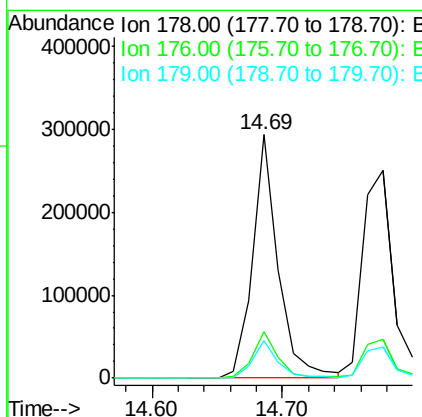
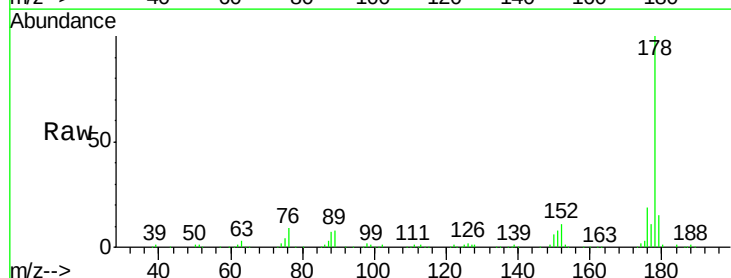
Manual Integrations  
 APPROVED

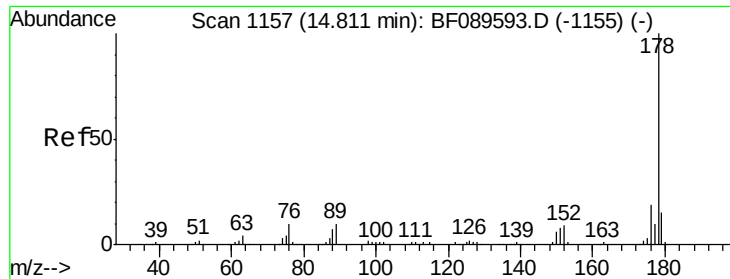
sohil  
 8/11/2016 5:52:05 PM



#70  
 Phenanthrene  
 Concen: 39.77 ng  
 RT: 14.69 min Scan# 1146  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 401243 |       |       |
| 176     | 19.1  | 15.7   | 23.5  |       |
| 179     | 15.4  | 12.2   | 18.2  |       |





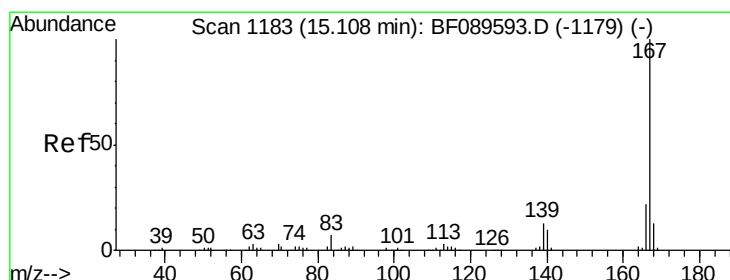
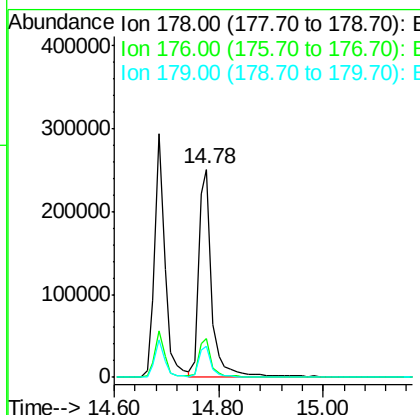
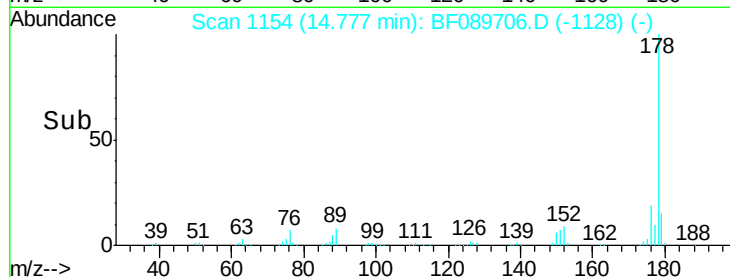
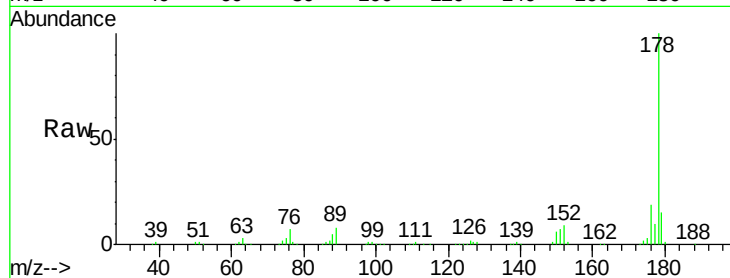
#71  
 Anthracene  
 Concen: 39.75 ng  
 RT: 14.78 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.0  | 22.4  |
| 179     | 15.1  | 12.4  | 18.6  |

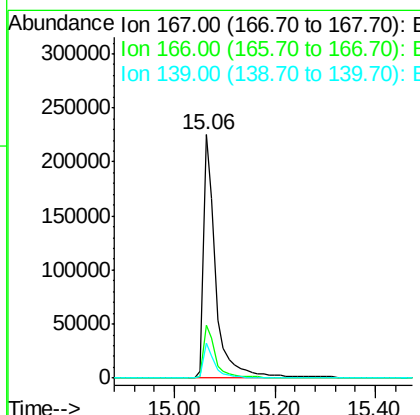
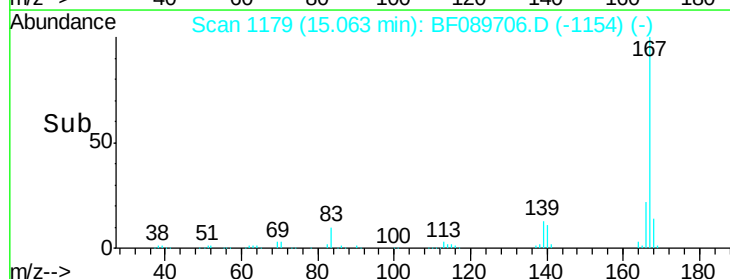
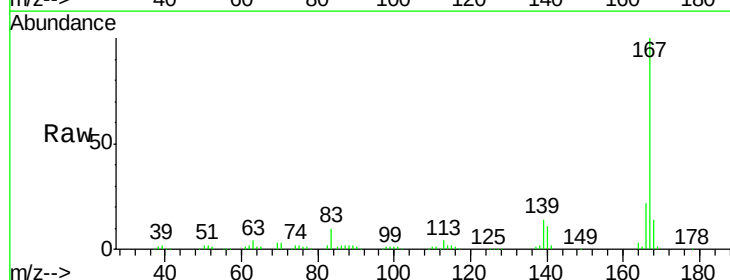
Manual Integrations  
 APPROVED

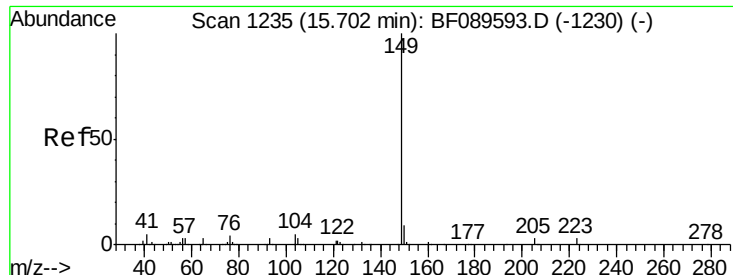
sohil  
 8/11/2016 5:52:05 PM



#72  
 Carbazole  
 Concen: 42.62 ng  
 RT: 15.06 min Scan# 1179  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.5  | 26.3  |
| 139     | 14.2  | 10.4  | 15.6  |





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 15.66 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

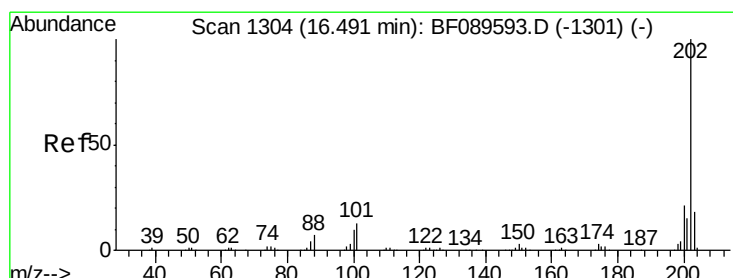
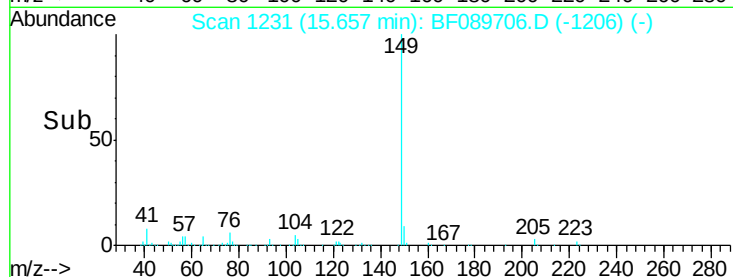
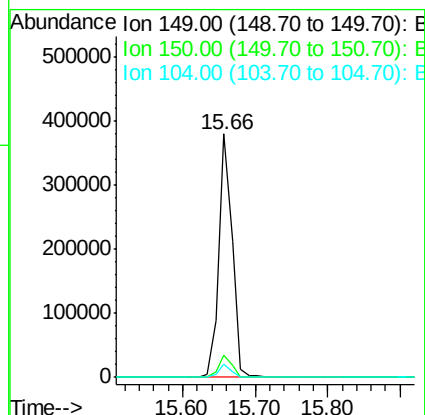
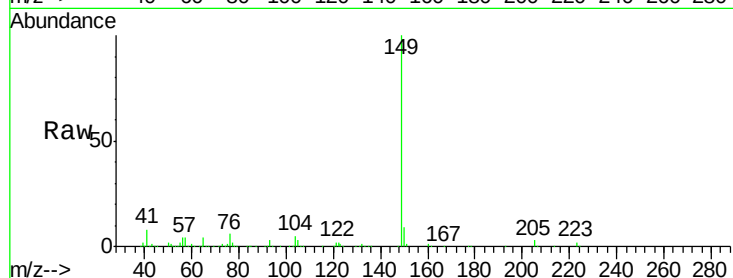
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 485473 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.2   | 10.8   |
| 104       | 5.4   | 3.8   | 5.8    |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#74

Fluoranthene

Concen: 40.38 ng

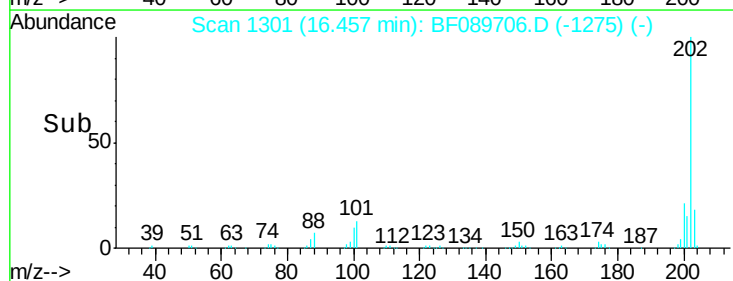
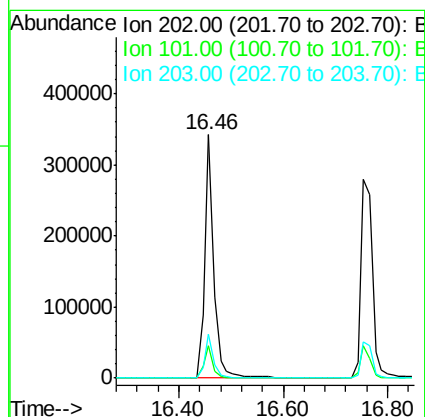
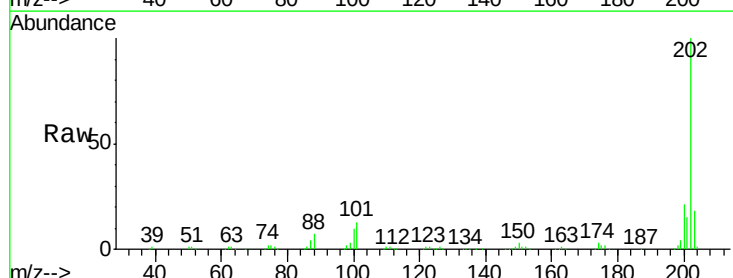
RT: 16.46 min Scan# 1301

Delta R.T. 0.00 min

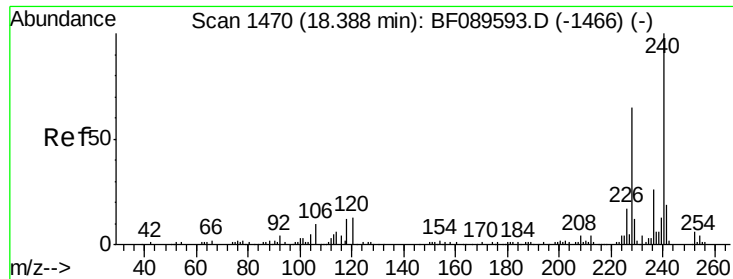
Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 418799 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.1  | 0.0   | 32.7   |
| 203       | 17.8  | 0.0   | 37.8   |







#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.37 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

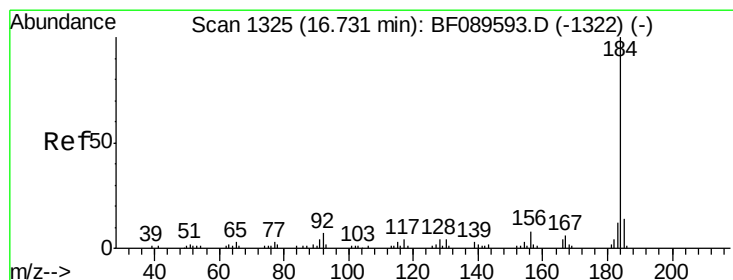
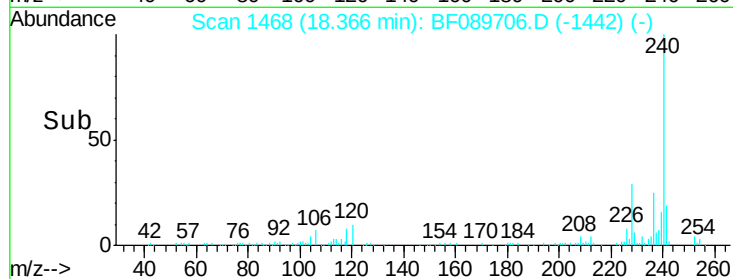
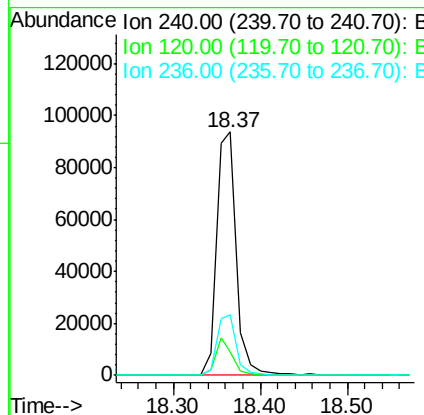
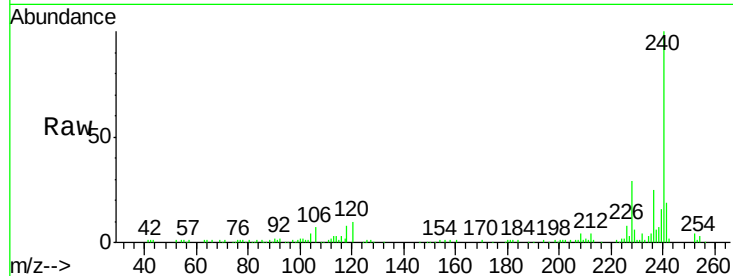
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 149081 |       |       |
| 120     | 9.7   | 10.6   | 15.8# |       |
| 236     | 24.7  | 20.6   | 30.8  |       |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



#76

Benzidine

Concen: 45.83 ng

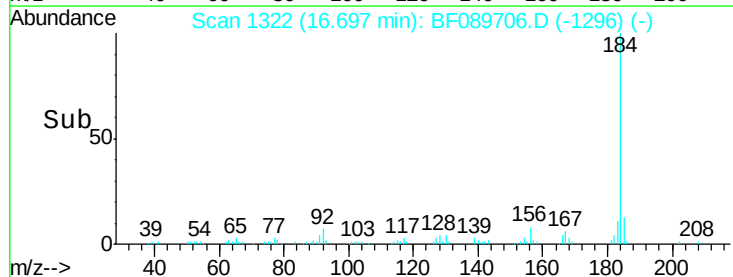
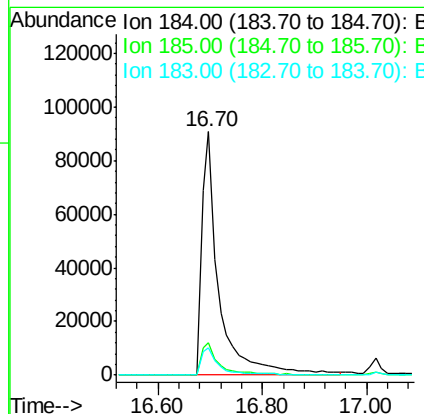
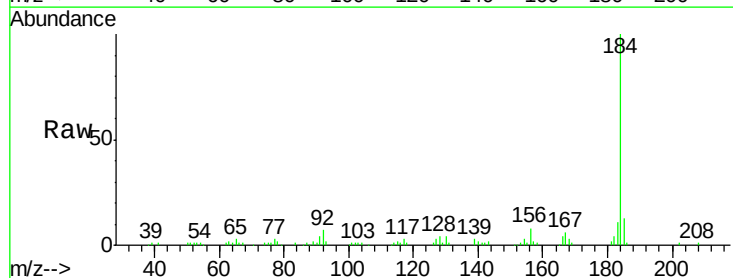
RT: 16.70 min Scan# 1322

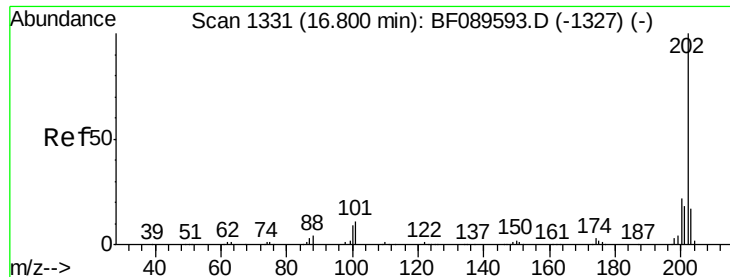
Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 207107 |       |       |
| 185     | 13.4  | 11.5   | 17.3  |       |
| 183     | 11.5  | 9.8    | 14.8  |       |





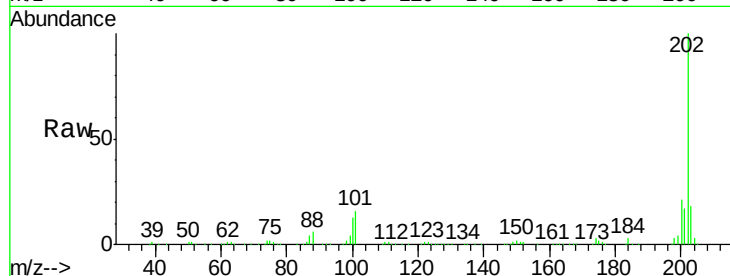
#77  
**Pyrene**  
 Concen: 32.46 ng  
 RT: 16.75 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

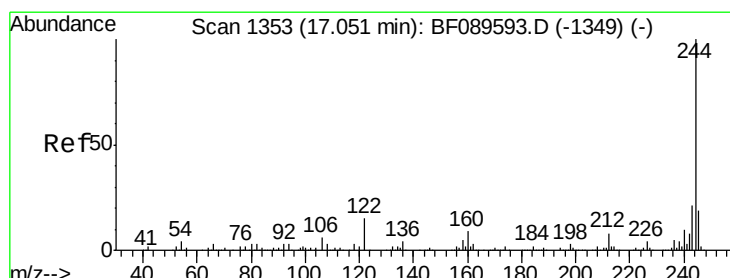
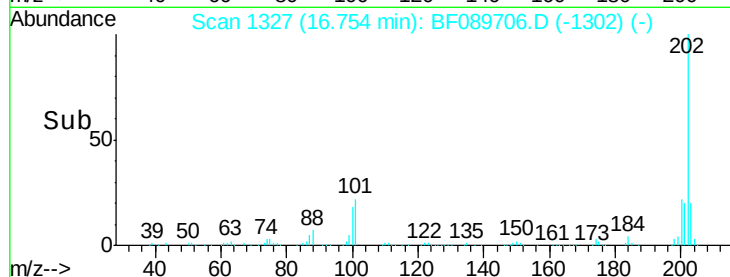
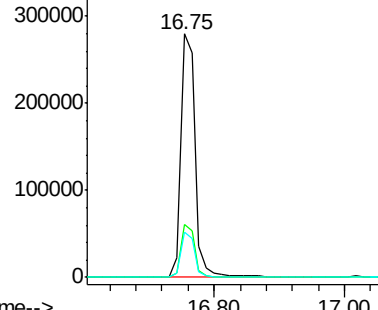
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 427871 |       |       |
| 200     | 21.5  |        | 17.4  | 26.0  |
| 203     | 18.5  |        | 13.6  | 20.4  |

Manual Integrations  
 APPROVED

sohil  
 8/11/2016 5:52:05 PM

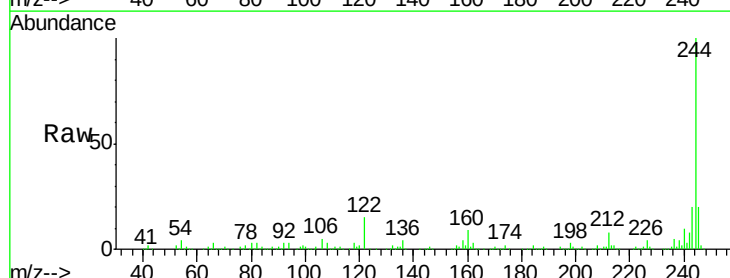


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

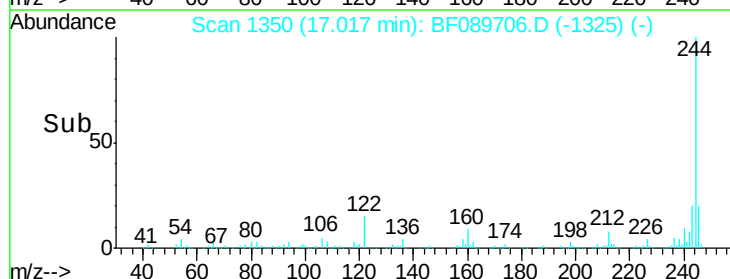
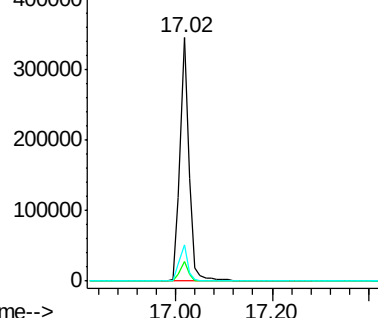


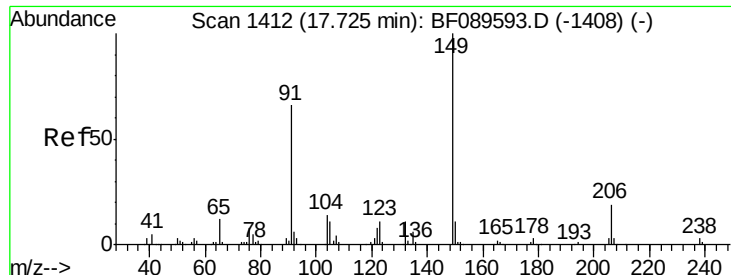
#78  
**Terphenyl-d14**  
 Concen: 60.08 ng  
 RT: 17.02 min Scan# 1350  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 453742 |       |       |
| 212     | 7.9   |        | 6.4   | 9.6   |
| 122     | 15.0  |        | 12.2  | 18.2  |



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





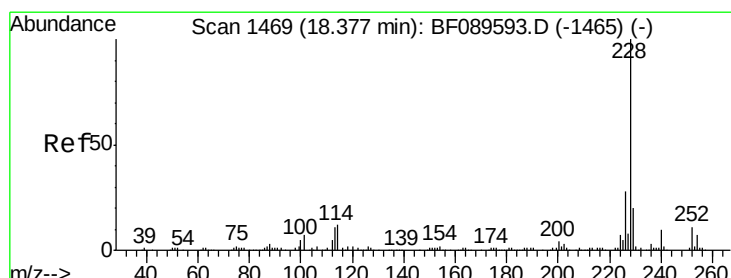
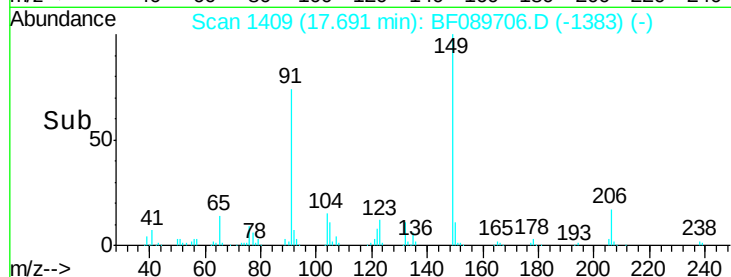
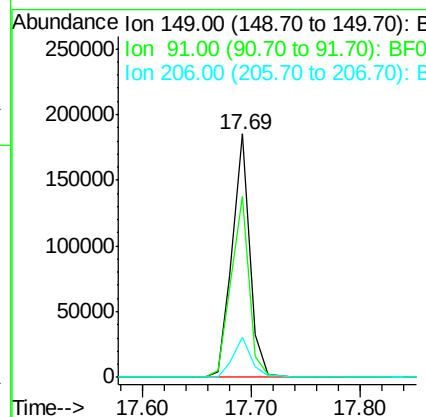
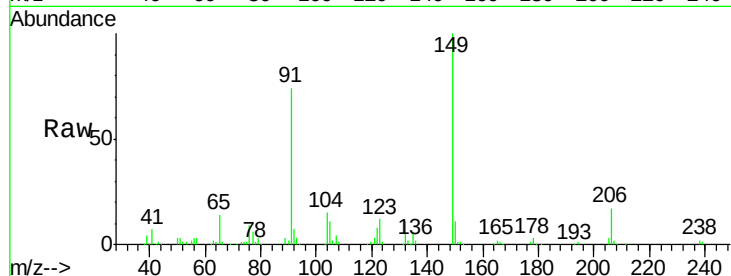
#79  
Butylbenzylphthalate  
Concen: 37.18 ng  
RT: 17.69 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 74.2  | 52.6       | 78.8       |
| 206     | 16.6  | 15.4       | 23.0       |

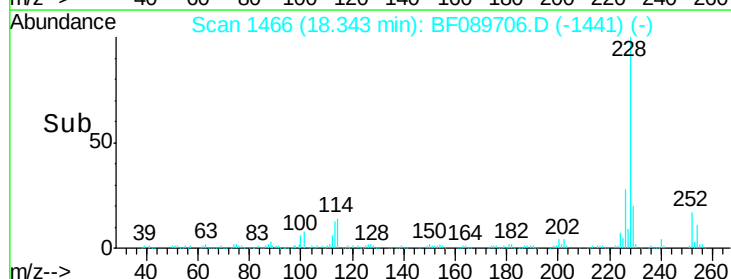
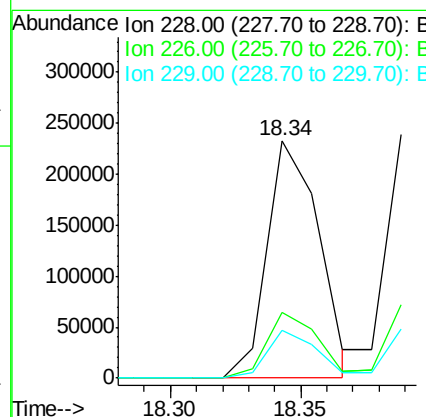
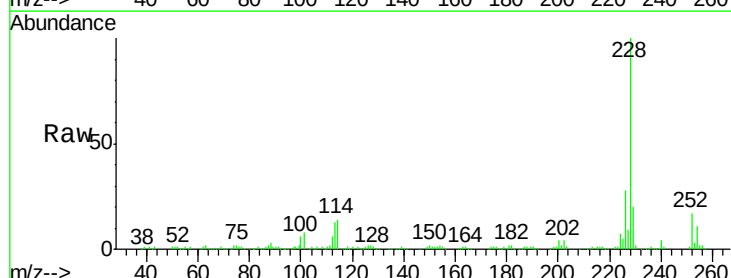
Manual Integrations  
APPROVED

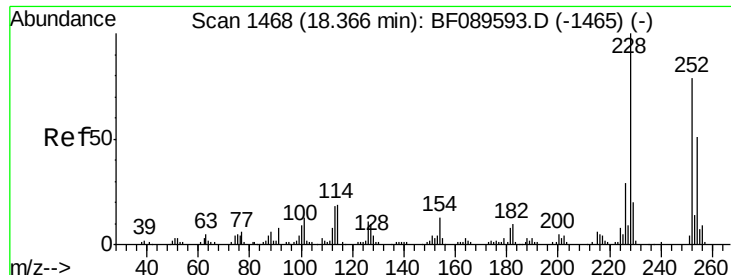
sohil  
8/11/2016 5:52:05 PM



#80  
Benzo(a)anthracene  
Concen: 37.82 ng  
RT: 18.34 min Scan# 1466  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.8  | 22.3       | 33.5       |
| 229     | 19.8  | 15.9       | 23.9       |





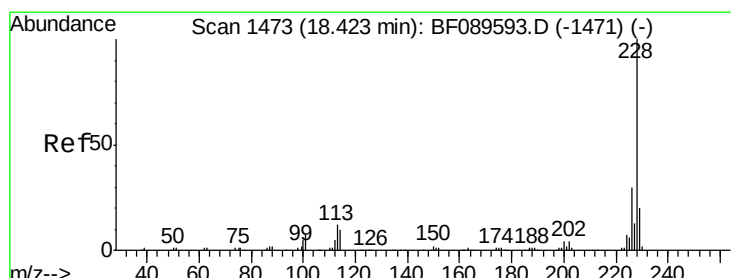
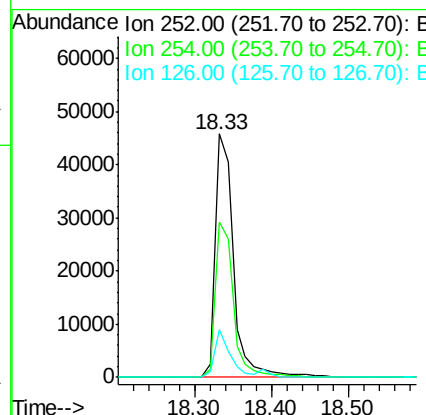
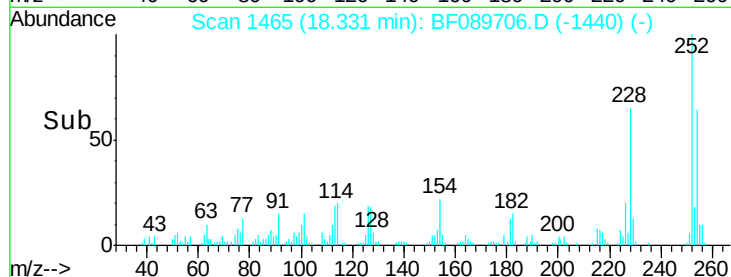
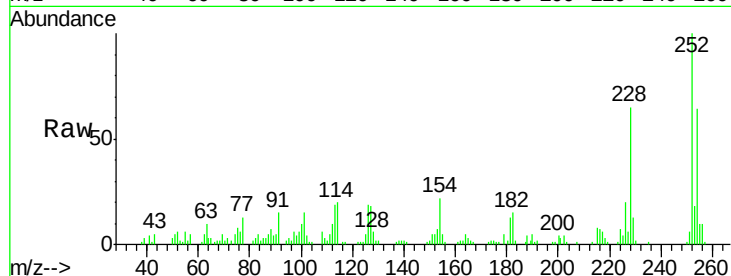
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.78 ng  
 RT: 18.33 min Scan# 1465  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 51.7  | 77.5  |
| 126     | 19.5  | 11.0  | 16.4  |

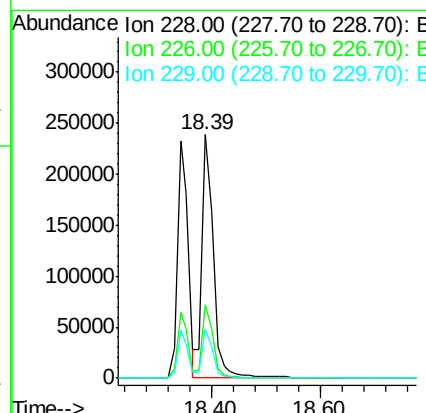
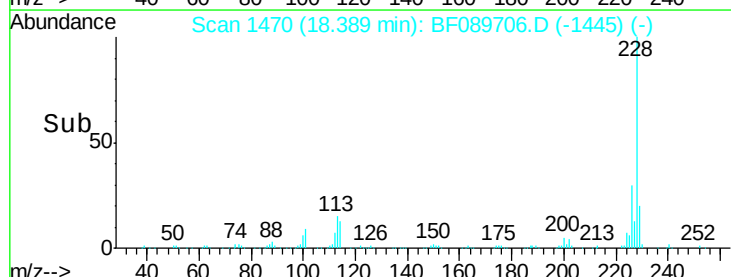
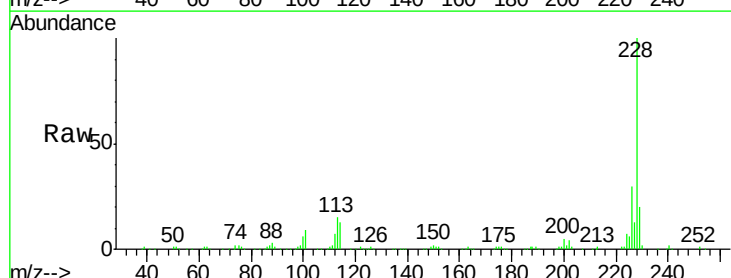
Manual Integrations  
 APPROVED

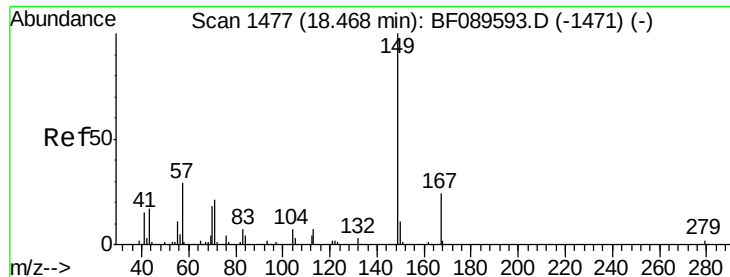
sohil  
 8/11/2016 5:52:05 PM



#82  
 Chrysene  
 Concen: 38.00 ng  
 RT: 18.39 min Scan# 1470  
 Delta R.T. -0.01 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 24.2  | 36.2  |
| 229     | 19.9  | 16.0  | 24.0  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 95.64 ng

RT: 18.45 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA\_F

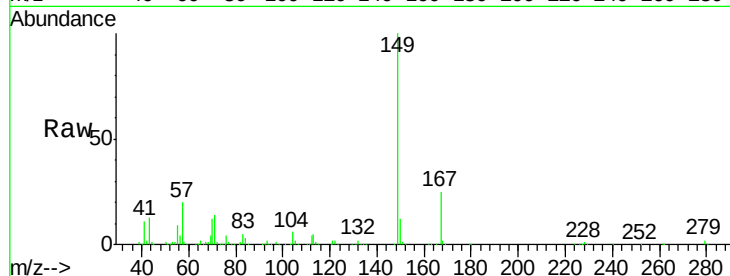
ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

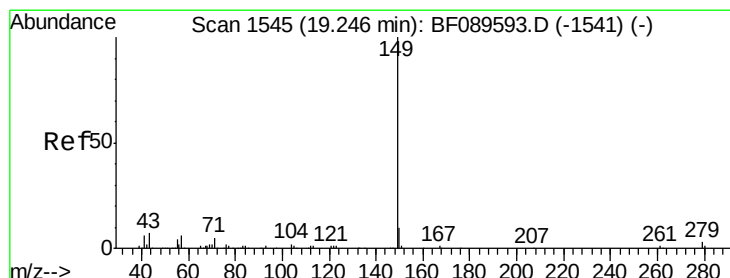
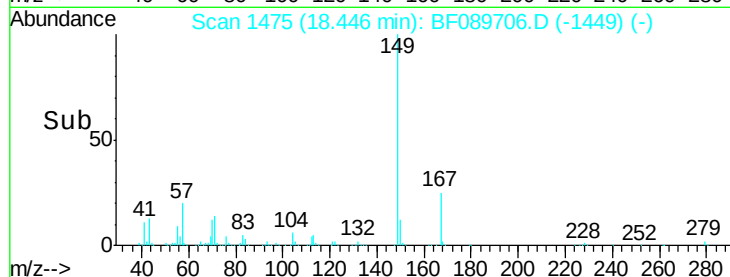
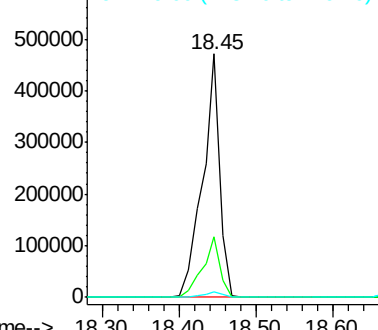
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 742752 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.0  | 19.0  | 28.4   |
| 279       | 2.1   | 1.8   | 2.6    |

Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.28 ng

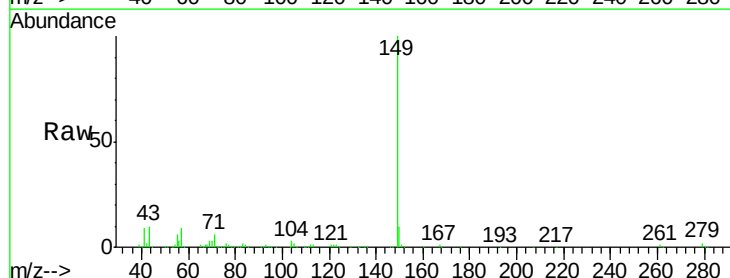
RT: 19.21 min Scan# 1542

Delta R.T. 0.00 min

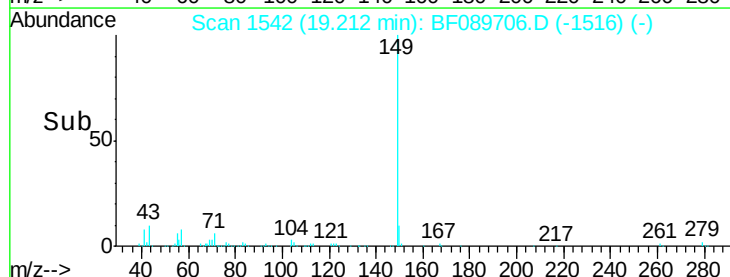
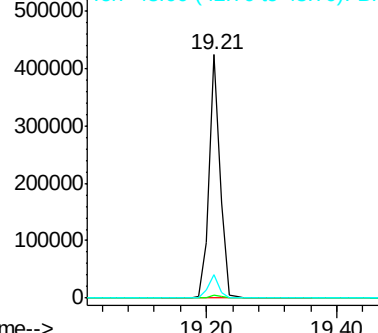
Lab File: BF089706.D

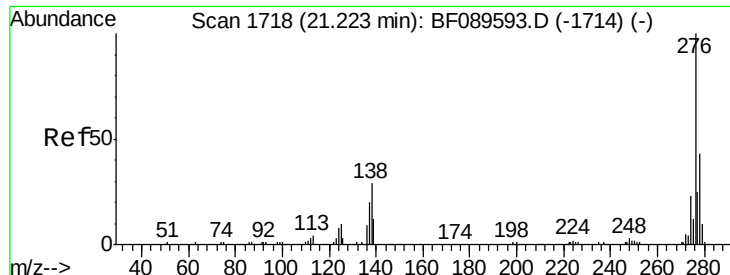
Acq: 10 Aug 2016 20:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 483700 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.1   | 1.7    |
| 43        | 9.2   | 7.0   | 10.4   |



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): BF0





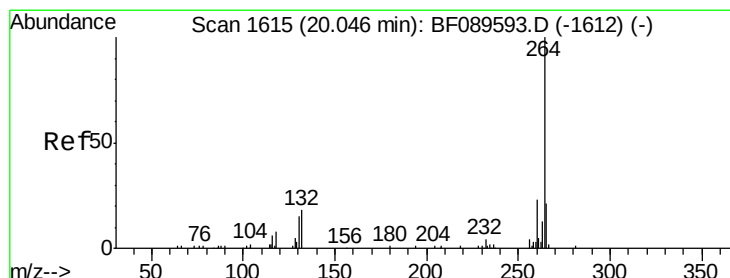
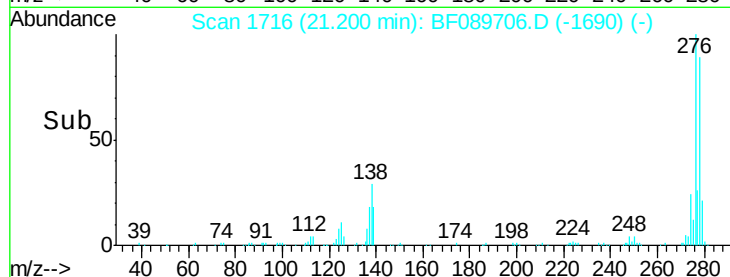
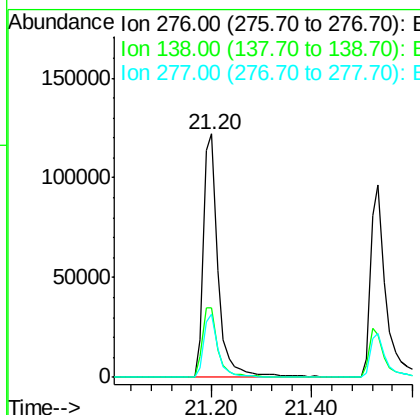
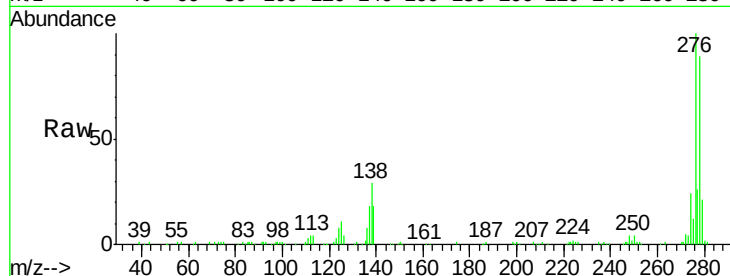
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.48 ng  
 RT: 21.20 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 248895 |       |       |
| 138     | 30.3  | 23.8   | 35.8  |       |
| 277     | 25.3  | 20.3   | 30.5  |       |

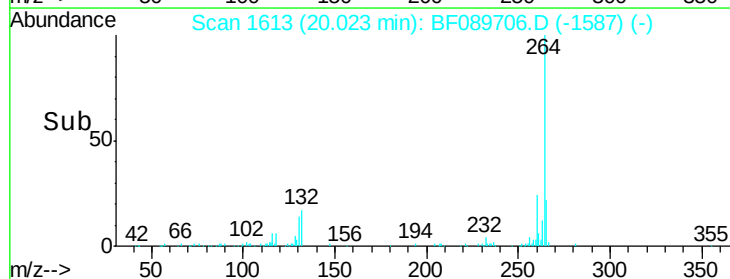
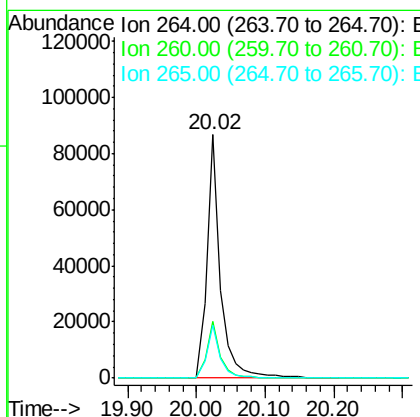
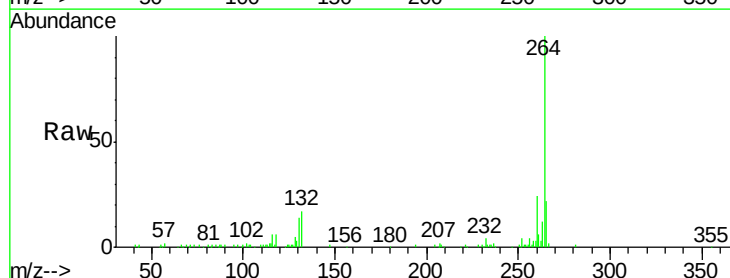
Manual Integrations  
 APPROVED

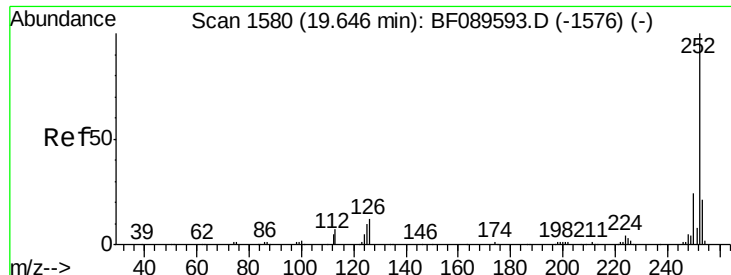
sohil  
 8/11/2016 5:52:05 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.02 min Scan# 1613  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 117971 |       |       |
| 260     | 23.5  | 18.7   | 28.1  |       |
| 265     | 21.7  | 16.5   | 24.7  |       |





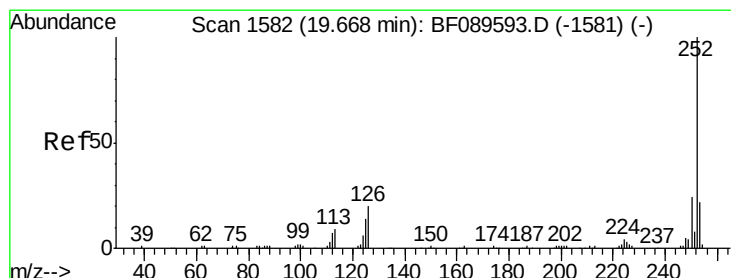
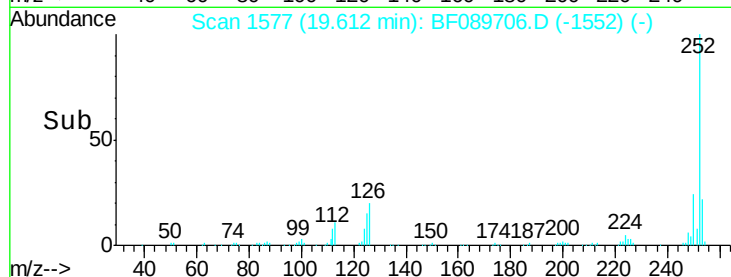
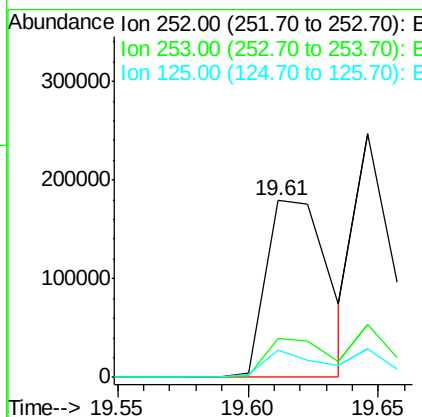
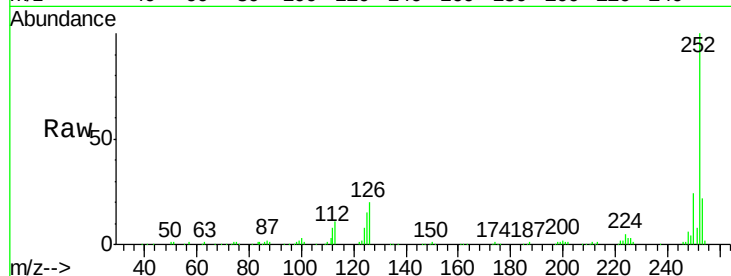
#87  
Benzo(b)fluoranthene  
Concen: 41.12 ng  
RT: 19.61 min Scan# 1577  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 298356 |       |       |
| 253     | 21.9  | 17.1   | 25.7  |       |
| 125     | 15.3  | 7.8    | 11.8  |       |

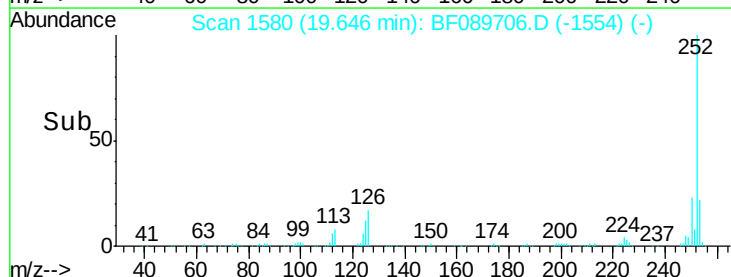
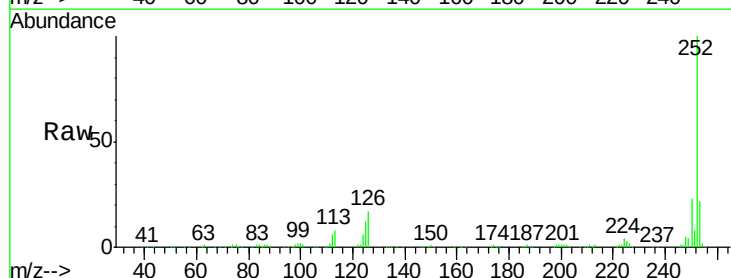
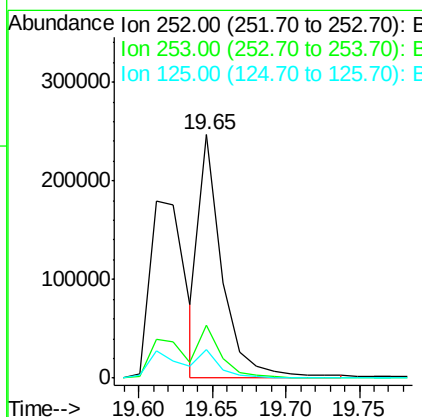
Manual Integrations  
APPROVED

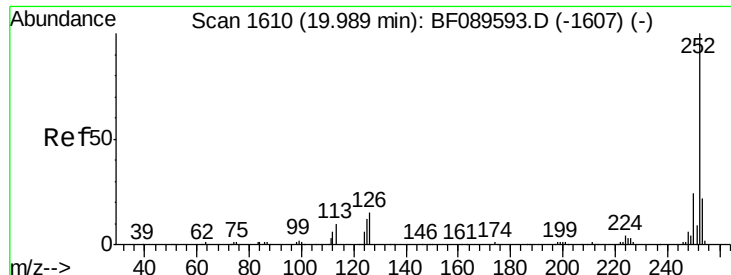
sohil  
8/11/2016 5:52:05 PM



#88  
Benzo(k)fluoranthene  
Concen: 37.58 ng m  
RT: 19.65 min Scan# 1580  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 275083 |       |       |
| 253     | 21.9  | 17.3   | 25.9  |       |
| 125     | 12.0  | 11.0   | 16.6  |       |





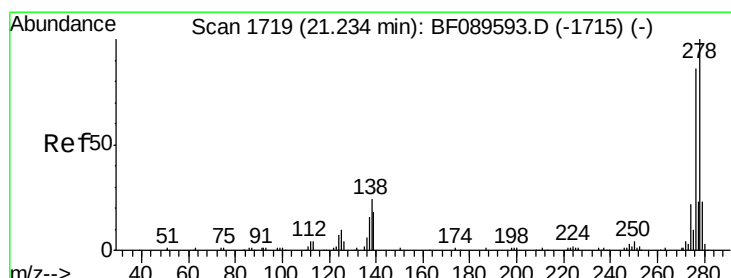
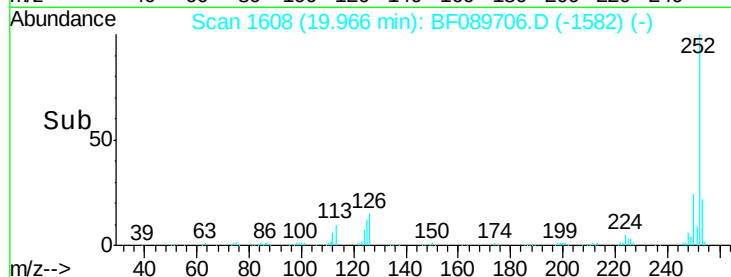
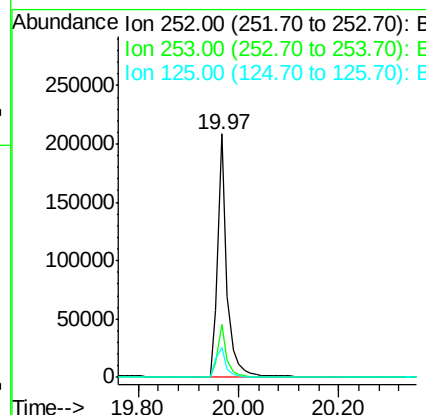
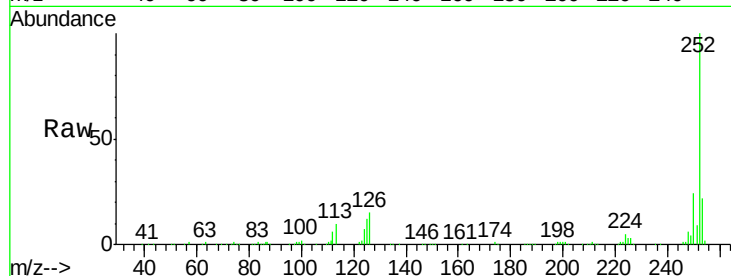
#89  
Benzo(a)pyrene  
Concen: 39.02 ng  
RT: 19.97 min Scan# 1608  
Delta R.T. 0.00 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

Instrument :  
BNA\_F  
ClientSampleId :  
42-A-TCL-SEMI-PEST-TALMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.4  | 26.0  |
| 125     | 12.3  | 9.9   | 14.9  |

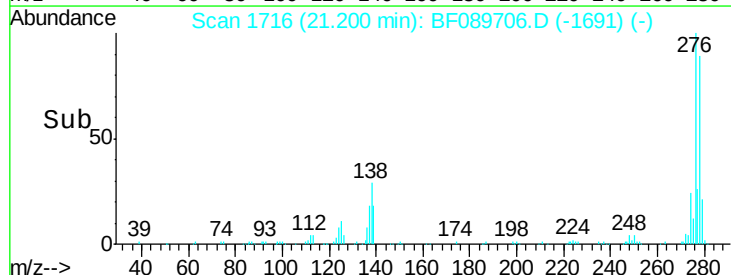
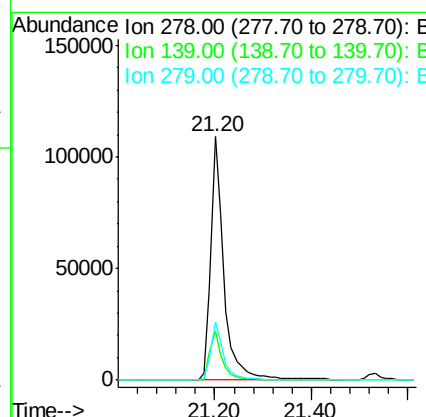
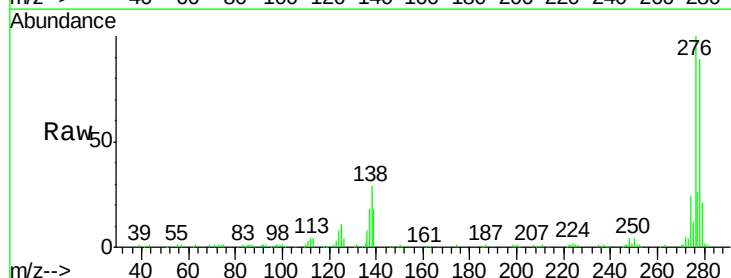
Manual Integrations  
APPROVED

sohil  
8/11/2016 5:52:05 PM

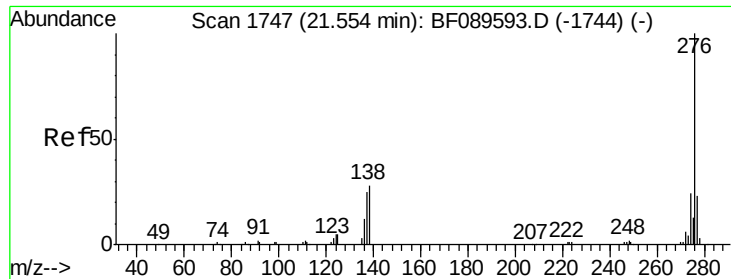


#90  
Dibenzo(a,h)anthracene  
Concen: 32.98 ng  
RT: 21.20 min Scan# 1716  
Delta R.T. -0.01 min  
Lab File: BF089706.D  
Acq: 10 Aug 2016 20:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.3  | 14.6  | 21.8  |
| 279     | 23.7  | 18.4  | 27.6  |







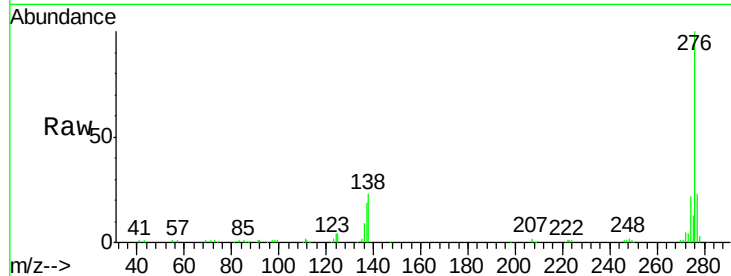
#91  
 Benzo(g,h,i)perylene  
 Concen: 31.16 ng  
 RT: 21.53 min Scan# 1745  
 Delta R.T. 0.00 min  
 Lab File: BF089706.D  
 Acq: 10 Aug 2016 20:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 42-A-TCL-SEMI-PEST-TALMSD

| Tgt | Ion  | Ratio | Resp | Lower | Upper |
|-----|------|-------|------|-------|-------|
| 276 | 100  |       |      |       |       |
| 277 | 23.0 | 18.6  | 28.0 |       |       |
| 138 | 22.5 | 22.6  | 33.8 |       |       |

Manual Integrations  
 APPROVED

sohil  
 8/11/2016 5:52:05 PM



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

