

Data File : BF118507.D  
Acq On : 8 Jan 2020 19:21  
Operator : JU  
Sample : L1049-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Quant Time: Jan 09 03:15:15 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 08 16:06:11 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 75202    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.12  | 136  | 273502   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.87  | 164  | 157256   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.37 | 188  | 246180   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 14.03 | 240  | 170279   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.52 | 264  | 212232   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.45  | 112 | 294101 | 64.56  | ng | 0.00  |
| 7) Phenol-d6                | 6.47  | 99  | 552030 | 101.35 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.39  | 82  | 330892 | 63.55  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330 | 46087  | 24.84  | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 9.19  | 172 | 640924 | 58.45  | ng | -0.01 |
| 79) Terphenyl-d14           | 12.96 | 244 | 636891 | 59.27  | ng | 0.00  |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.52 | 88  | 140    | 0.092  | ng | # 29 |
| 6) Aniline                     | 6.48 | 93  | 109    | 0.016  | ng | # 1  |
| 9) Benzaldehyde                | 6.39 | 77  | 3697   | 1.219  | ng | # 87 |
| 10) Phenol                     | 6.47 | 94  | 12611  | 2.090  | ng | # 54 |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 654    | 0.152  | ng | # 1  |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 650    | 0.112  | ng | # 29 |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 650    | 0.109  | ng | # 48 |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146 | 650    | 0.113  | ng | # 48 |
| 15) Benzyl Alcohol             | 6.98 | 79  | 6601   | 1.494  | ng | # 42 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 115    | 0.024  | ng | # 1  |
| 17) 2-Methylphenol             | 7.27 | 107 | 2382   | 0.582  | ng | # 65 |
| 18) Hexachloroethane           | 7.36 | 117 | 430    | 0.191  | ng | # 1  |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 46182  | 13.165 | ng | # 78 |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 2382   | 0.429  | ng | # 44 |
| 22) Acetophenone               | 7.25 | 105 | 1150   | 0.166  | ng | # 92 |
| 24) Nitrobenzene               | 7.39 | 77  | 1261   | 0.244  | ng | # 22 |
| 25) Isophorone                 | 7.39 | 82  | 330934 | 39.676 | ng | # 63 |
| 27) 2,4-Dimethylphenol         | 7.92 | 122 | 656    | 0.191  | ng | # 87 |
| 28) bis(2-Chloroethoxy)methane | 7.70 | 93  | 148    | 0.027  | ng | # 12 |
| 29) 2,4-Dichlorophenol         | 8.05 | 162 | 136    | 0.034  | ng | # 25 |
| 31) Naphthalene                | 8.13 | 128 | 34002  | 2.377  | ng | # 98 |
| 32) Benzoic acid               | 7.92 | 122 | 656    | 6.722  | ng | # 60 |
| 33) 4-Chloroaniline            | 8.13 | 127 | 4734   | 0.804  | ng | # 43 |
| 35) Caprolactam                | 8.53 | 113 | 1241   | 1.026  | ng | # 79 |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 156    | 0.036  | ng | # 18 |
| 37) 2-Methylnaphthalene        | 8.83 | 142 | 20180  | 2.055  | ng | # 94 |
| 38) 1-Methylnaphthalene        | 8.93 | 142 | 16006  | 1.736  | ng | # 95 |
| 46) 1,1'-Biphenyl              | 9.30 | 154 | 5796   | 0.451  | ng | # 94 |
| 47) 2-Chloronaphthalene        | 9.37 | 162 | 168    | 0.017  | ng | # 36 |
| 48) 2-Nitroaniline             | 9.46 | 65  | 351    | 0.119  | ng | # 1  |
| 49) Acenaphthylene             | 9.74 | 152 | 20440  | 1.350  | ng | # 99 |
| 50) Dimethylphthalate          | 9.59 | 163 | 44540  | 3.690  | ng | # 99 |
| 51) 2,6-Dinitrotoluene         | 9.87 | 165 | 20901  | 8.041  | ng | # 22 |
| 52) Acenaphthene               | 9.91 | 154 | 19178  | 2.075  | ng | # 97 |

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ClientSampleId :  
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Quant Time: Jan 09 03:15:15 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 08 16:06:11 2020  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|-------|----------|
| 53) 3-Nitroaniline             | 10.08 | 138  | 409      | 0.134     | ng    | # 6      |
| 55) Dibenzofuran               | 10.08 | 168  | 24592    | 1.771     | ng    | # 94     |
| 56) 4-Nitrophenol              | 10.20 | 139  | 634      | 0.429     | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 9.87  | 165  | 20901    | 6.006     | ng    | # 19     |
| 58) Fluorene                   | 10.43 | 166  | 23367    | 2.094     | ng    | 99       |
| 60) Diethylphthalate           | 10.29 | 149  | 1064     | 0.087     | ng    | # 32     |
| 62) 4-Nitroaniline             | 10.43 | 138  | 203      | 0.068     | ng    | # 15     |
| 63) Azobenzene                 | 10.59 | 77   | 2270     | 0.217     | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylphenol | 10.67 | 198  | 131      | 0.101     | ng    | # 1      |
| 66) n-Nitrosodiphenylamine     | 10.53 | 169  | 2326     | 0.290     | ng    | # 61     |
| 67) 4-Bromophenyl-phenylether  | 10.67 | 248  | 2769     | 0.960     | ng    | # 1      |
| 71) Phenanthrene               | 11.39 | 178  | 159950   | 11.598    | ng    | 99       |
| 72) Anthracene                 | 11.45 | 178  | 38642    | 2.817     | ng    | 98       |
| 73) Carbazole                  | 11.61 | 167  | 10048    | 0.845     | ng    | # 89     |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 2636     | 0.166     | ng    | # 82     |
| 75) Fluoranthene               | 12.59 | 202  | 237449   | 16.940    | ng    | 98       |
| 77) Benzidine                  | 12.96 | 184  | 9663     | Below Cal | #     | 95       |
| 78) Pyrene                     | 12.82 | 202  | 194375   | 13.874    | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.43 | 149  | 528      | 0.082     | ng    | # 29     |
| 81) Benzo(a)anthracene         | 14.02 | 228  | 114437   | 9.601     | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.97 | 252  | 258      | 0.067     | ng    | # 1      |
| 83) Chrysene                   | 14.05 | 228  | 108186   | 9.341     | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.99 | 149  | 44560    | 5.115     | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 610      | 0.049     | ng    | # 1      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.02 | 276  | 53625    | 5.751     | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.08 | 252  | 218128   | 14.216    | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.08 | 252  | 218128   | 14.893    | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.45 | 252  | 113636   | 9.037     | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.02 | 278  | 15773    | 1.338     | ng    | # 80     |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276  | 46271    | 4.142     | ng    | 96       |

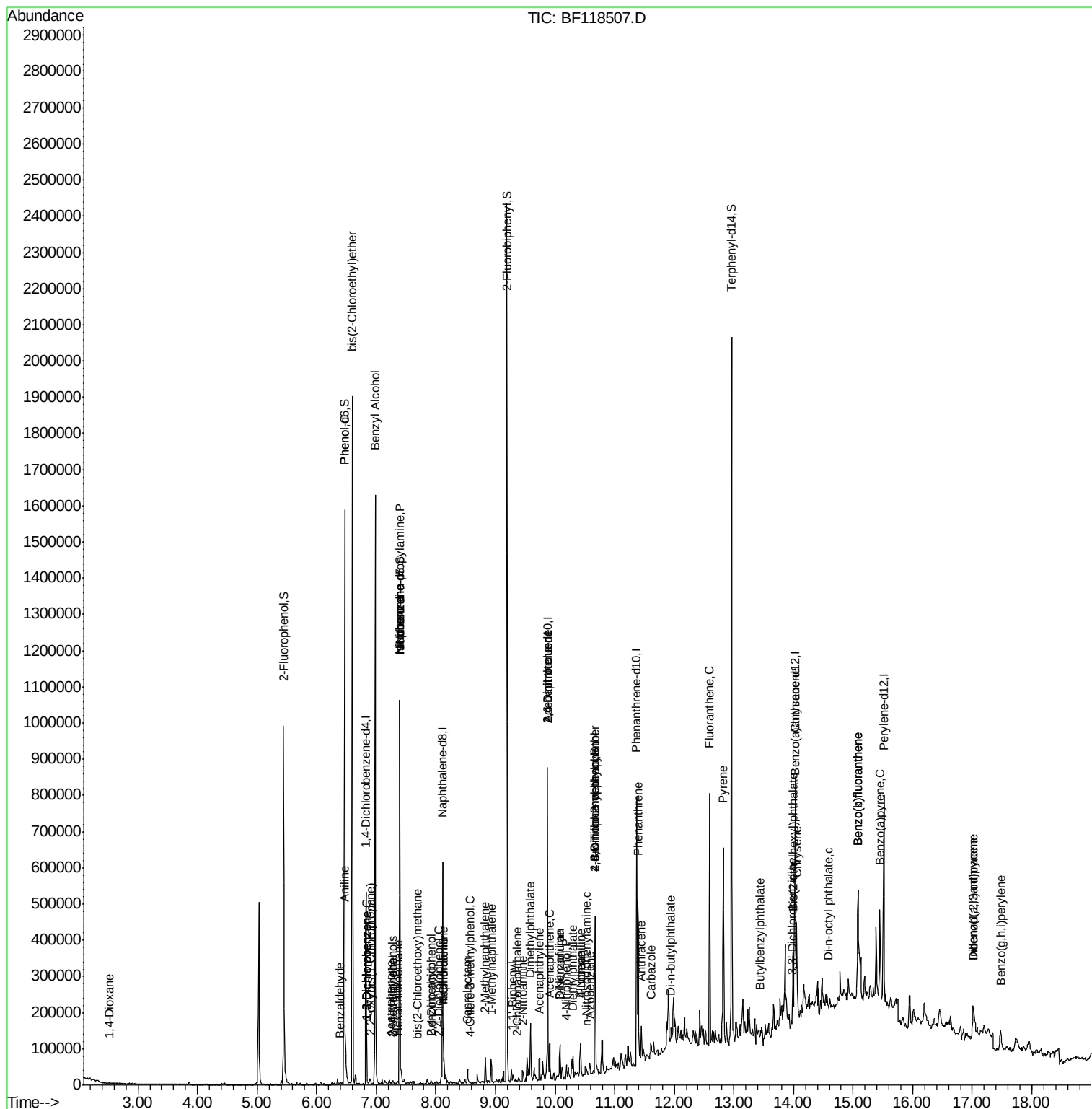
(#) = qualifier out of range (m) = manual integration (+) = signals summed

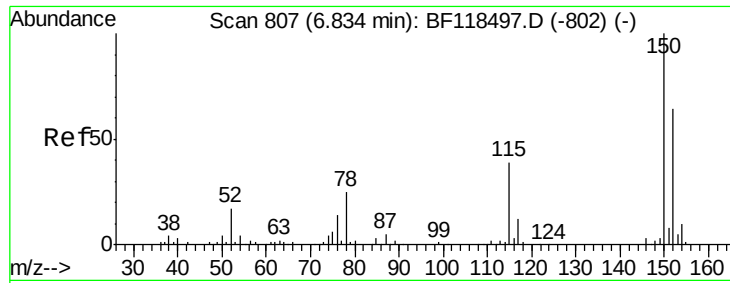
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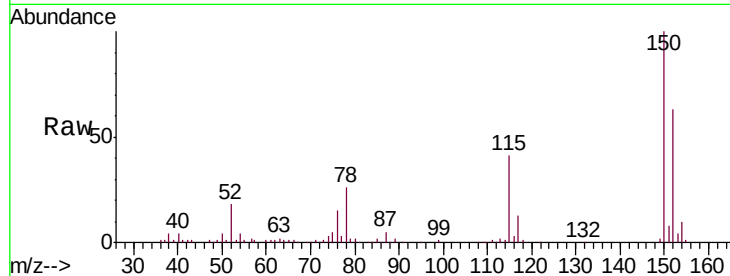


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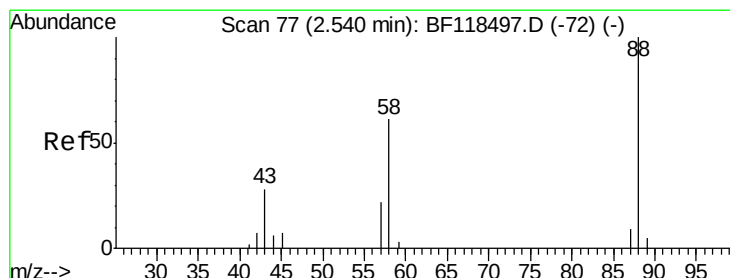
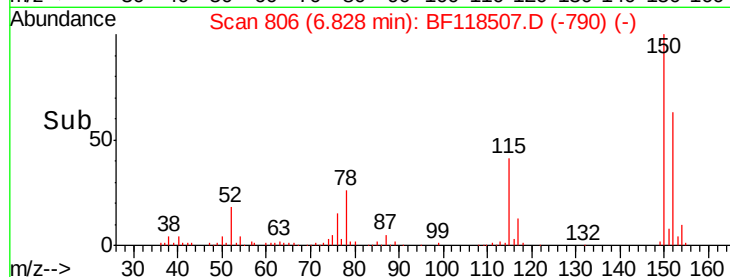
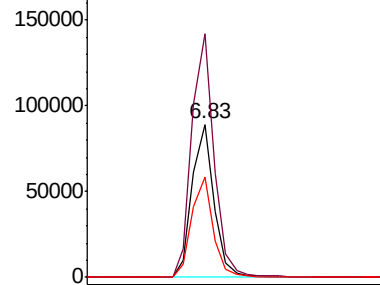
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
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Tgt Ion: 152 Resp: 75202  
Ion Ratio Lower Upper  
152 100  
150 159.4 124.7 187.1  
115 65.3 49.0 73.6



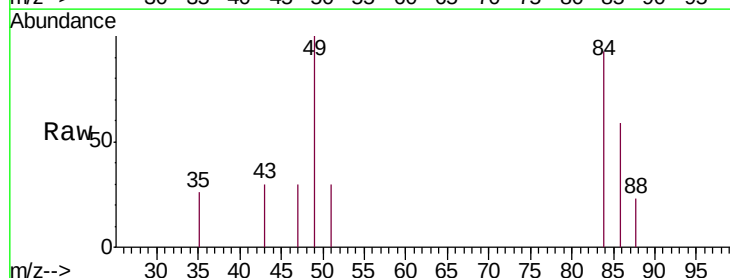
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



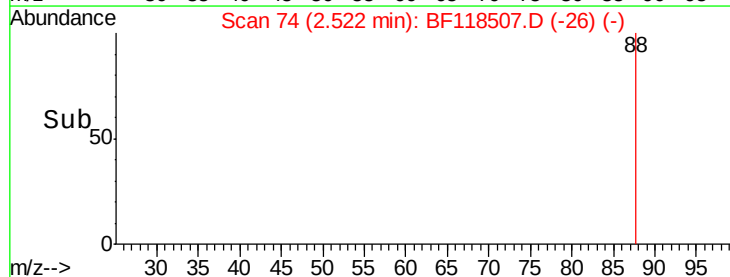
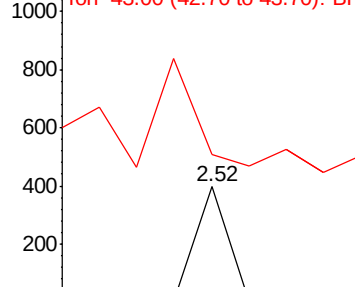
#2

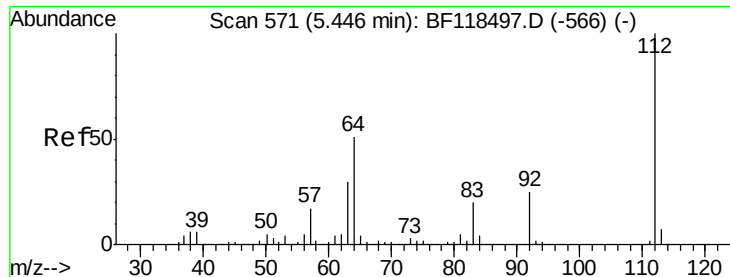
1,4-Dioxane  
Concen: 0.092 ng  
RT: 2.52 min Scan# 74  
Delta R.T. -0.02 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion: 88 Resp: 140  
Ion Ratio Lower Upper  
88 100  
58 0.0 48.3 72.5#  
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 64.558 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

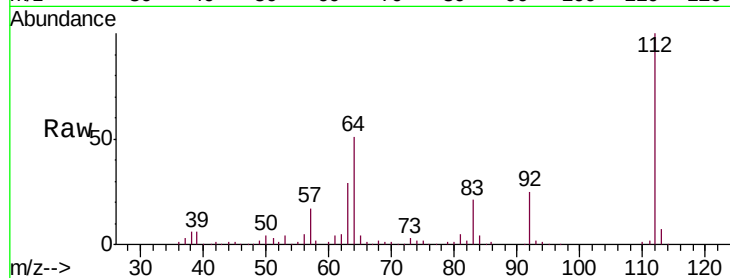
Instrument :

BNA\_F

ClientSampled :

TP-2

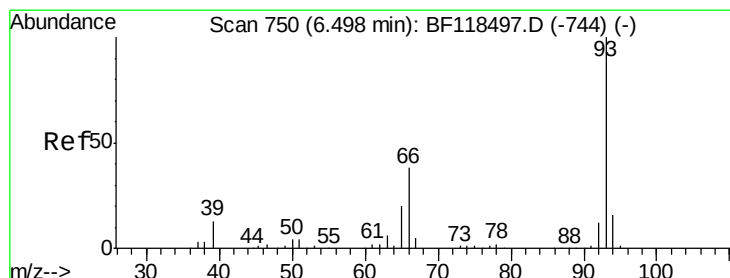
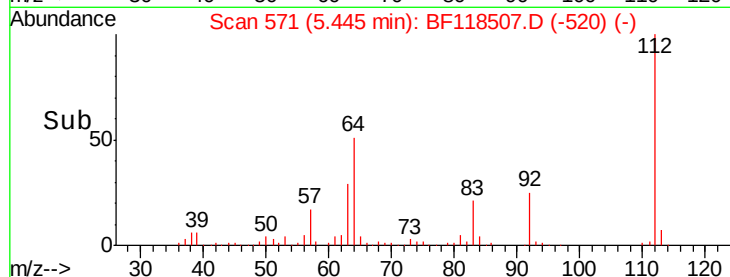
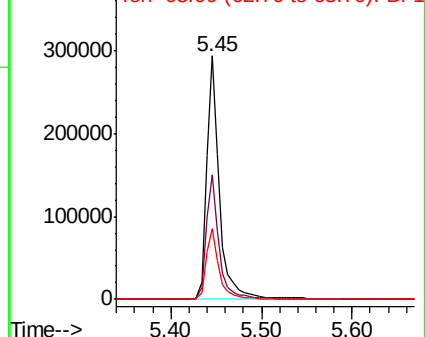
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 294101 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 51.1  | 41.1  | 61.7   |
| 63       | 29.2  | 24.1  | 36.1   |



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.016 ng

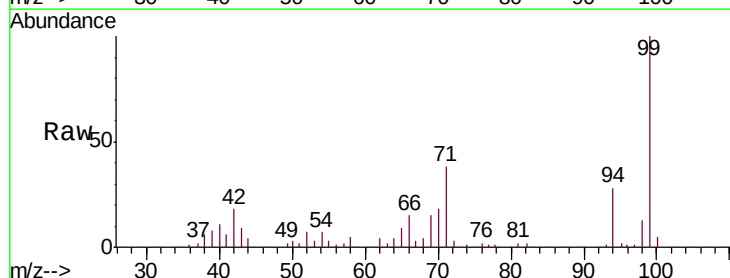
RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

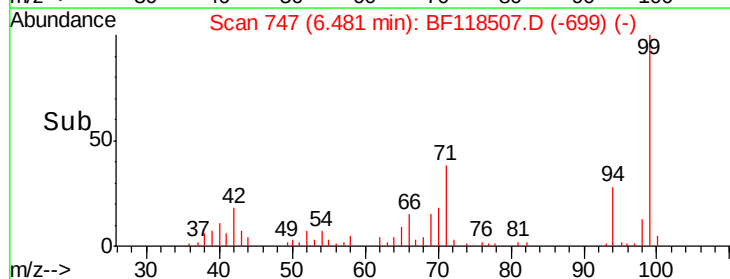
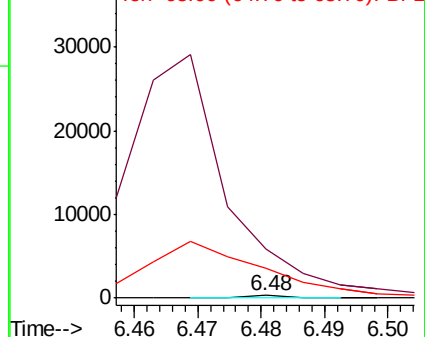
|          |        |       |       |
|----------|--------|-------|-------|
| Tgt Ion: | 93     | Resp: | 109   |
| Ion      | Ratio  | Lower | Upper |
| 93       | 100    |       |       |
| 66       | 1895.8 | 33.4  | 50.0# |
| 65       | 1143.2 | 16.7  | 25.1# |

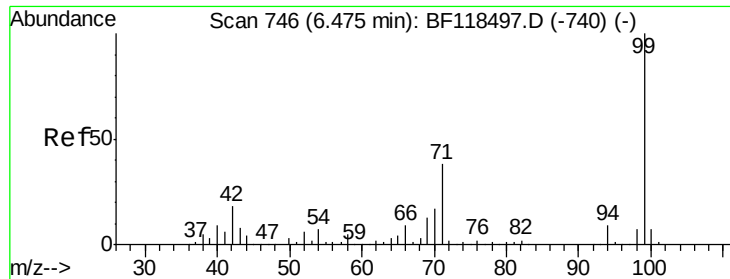


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.354 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118507.D

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Instrument :

BNA\_F

ClientSampleId :

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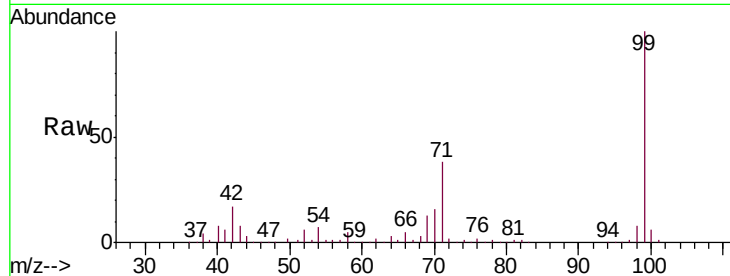
Tgt Ion: 99 Resp: 552030

Ion Ratio Lower Upper

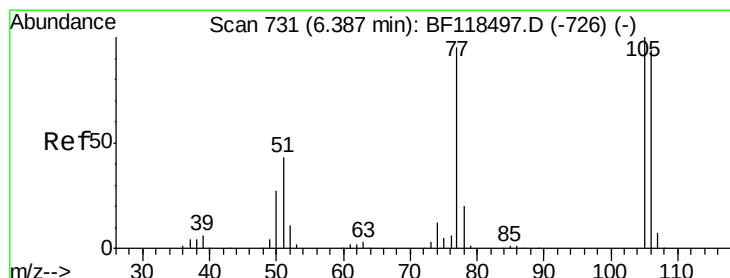
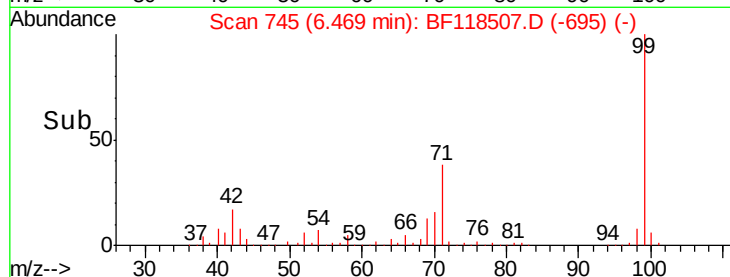
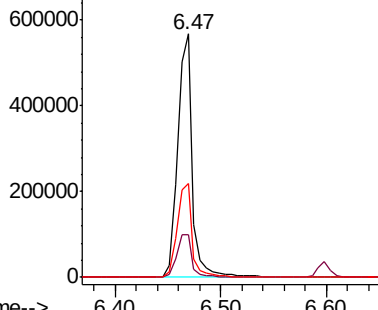
99 100

42 17.4 14.5 21.7

71 38.3 30.6 45.8



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



#9

Benzaldehyde

Concen: 1.219 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF118507.D

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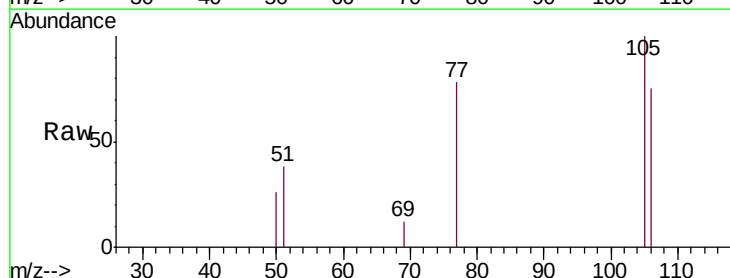
Tgt Ion: 77 Resp: 3697

Ion Ratio Lower Upper

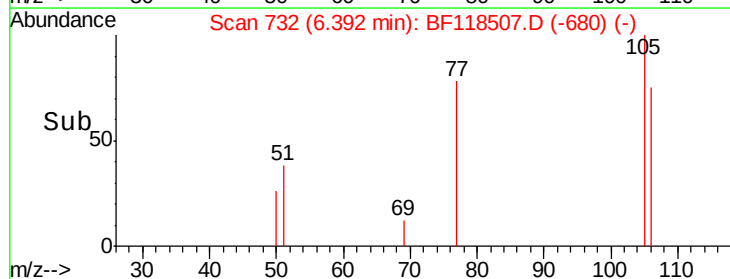
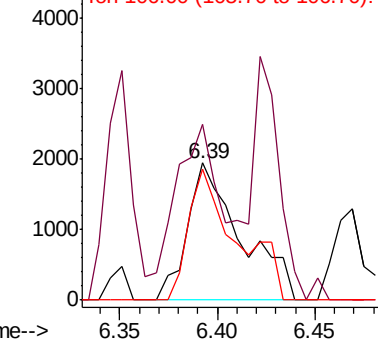
77 100

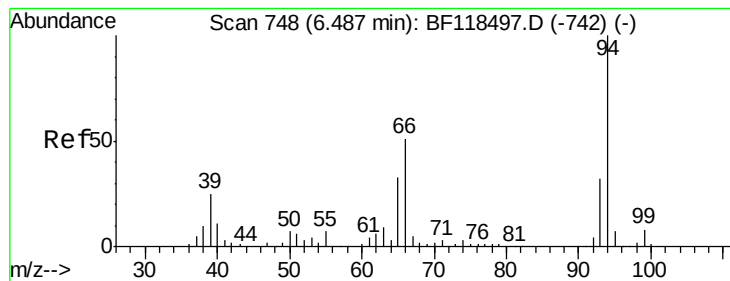
105 128.2 85.4 125.4#

106 96.2 79.5 119.5



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.090 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

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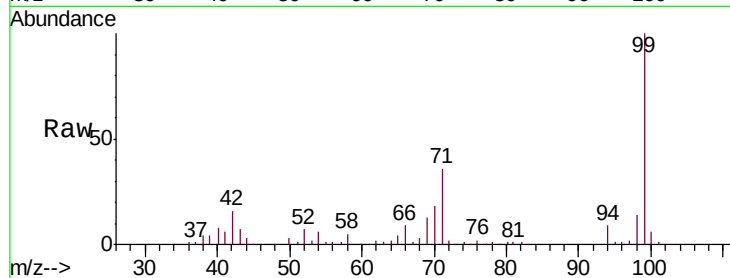
Tgt Ion: 94 Resp: 12611

Ion Ratio Lower Upper

94 100

65 43.5 13.3 53.3

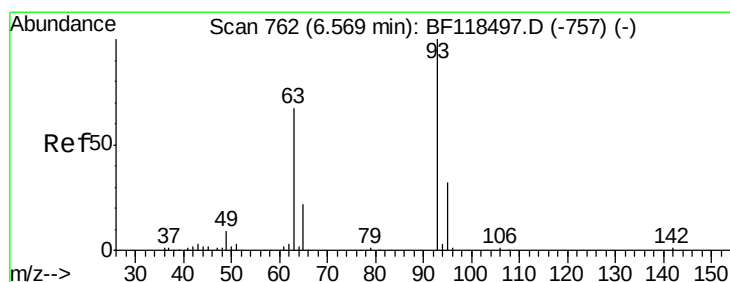
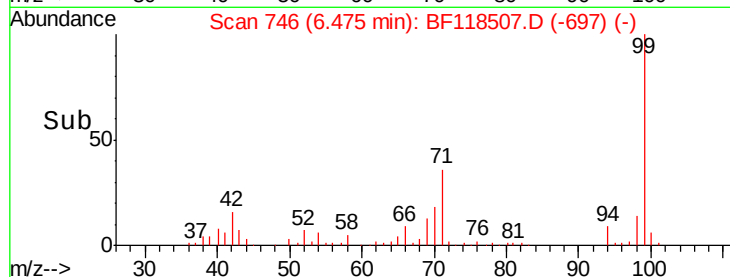
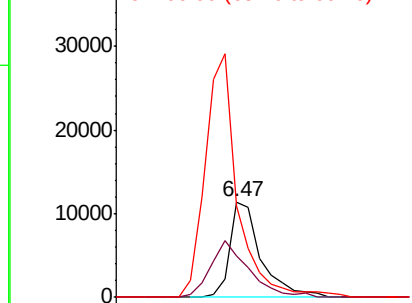
66 95.2 30.9 70.9#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.152 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.03 min

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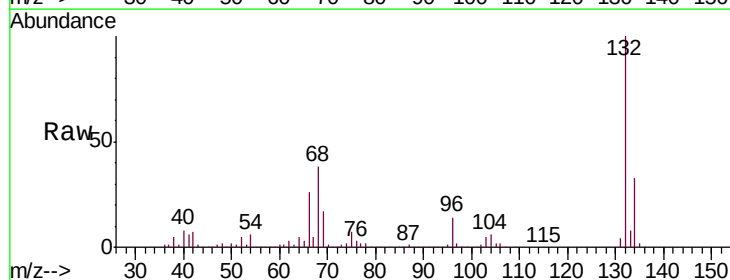
Tgt Ion: 93 Resp: 654

Ion Ratio Lower Upper

93 100

63 856.1 46.6 86.6#

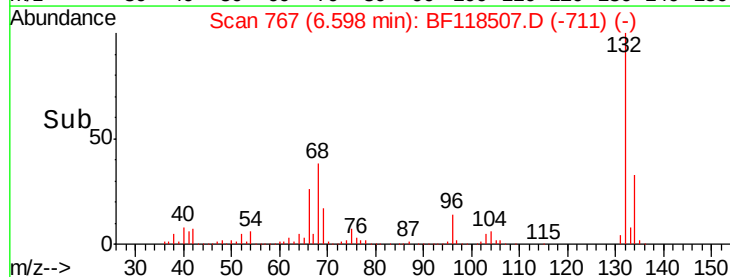
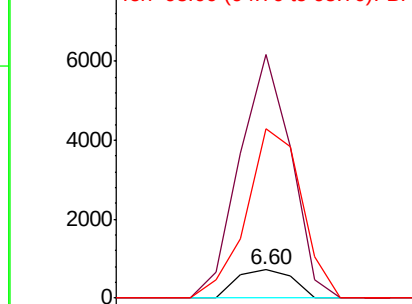
95 597.1 11.5 51.5#

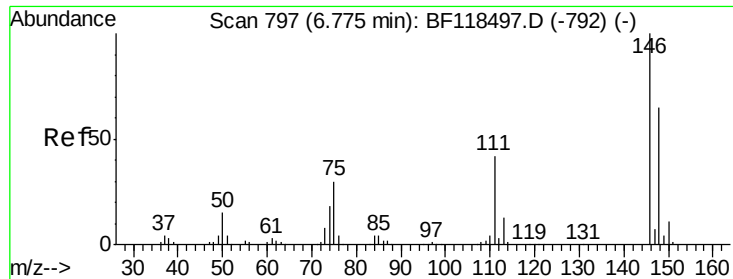


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

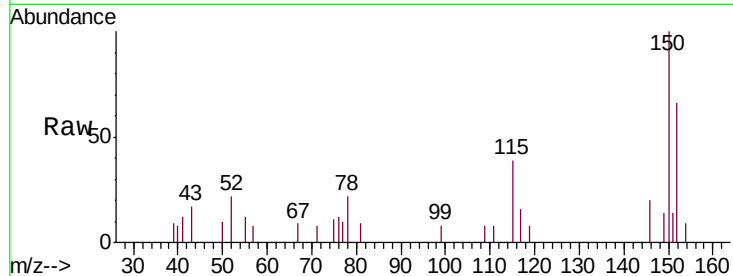




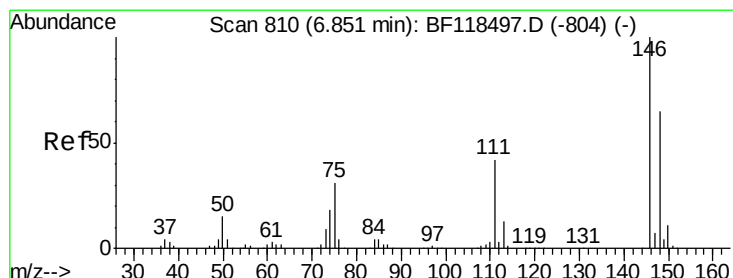
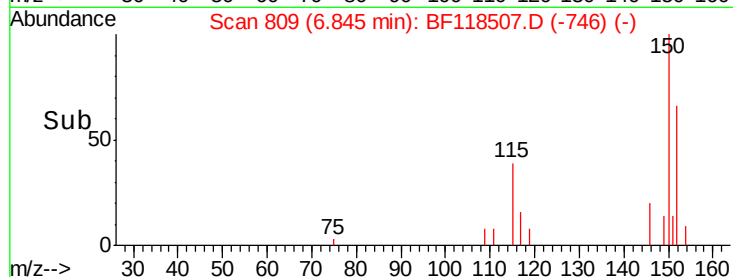
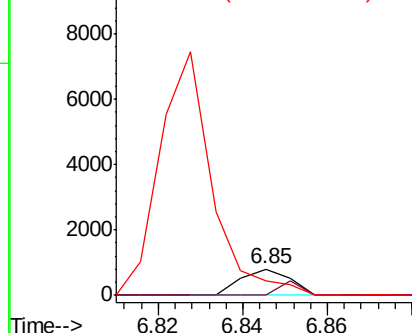
#12  
 1,3-Dichlorobenzene  
 Concen: 0.112 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. 0.07 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Tgt Ion:146 Resp: 650  
 Ion Ratio Lower Upper  
 146 100  
 148 0.0 52.4 78.6#  
 75 54.1 24.1 36.1#

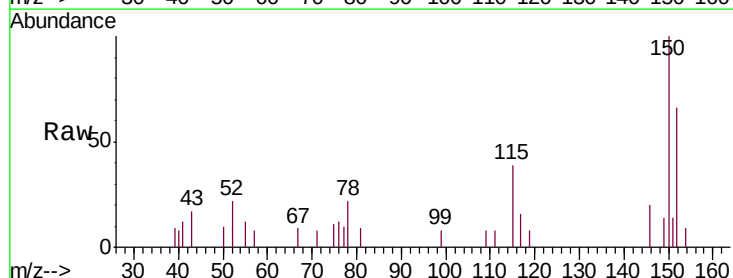


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF1

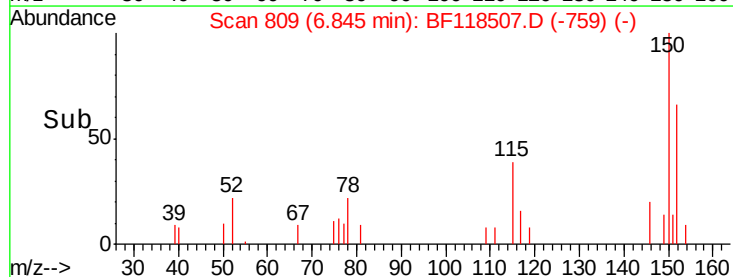
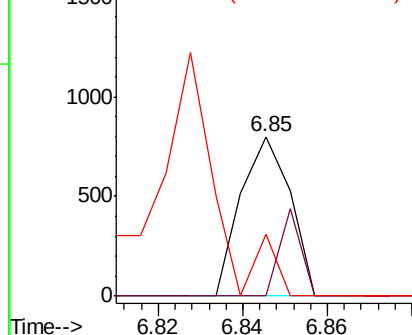


#13  
 1,4-Dichlorobenzene  
 Concen: 0.109 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

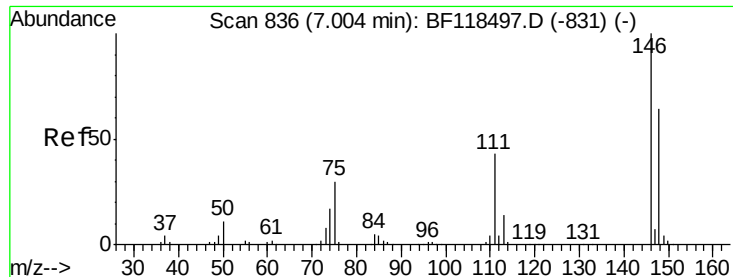
Tgt Ion:146 Resp: 650  
 Ion Ratio Lower Upper  
 146 100  
 148 0.0 52.2 78.2#  
 111 38.9 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E



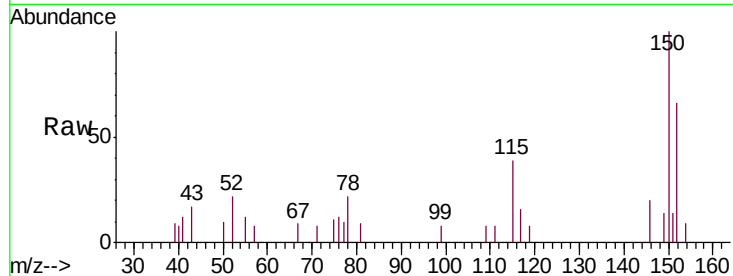




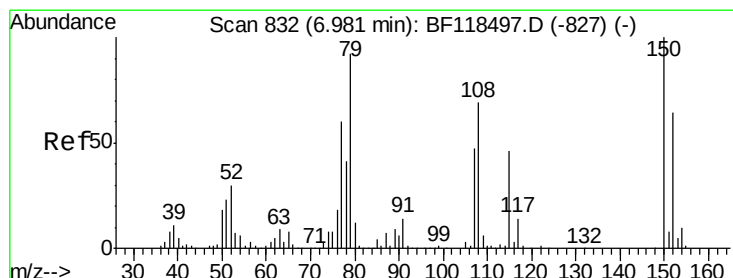
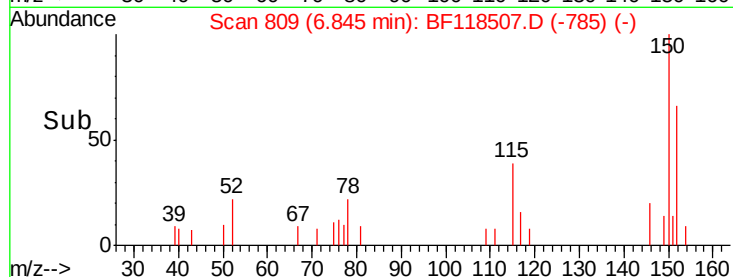
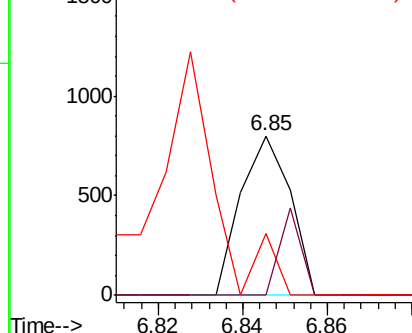
#14  
1,2-Dichlorobenzene  
Concen: 0.113 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.16 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Tgt Ion:146 Resp: 650  
Ion Ratio Lower Upper  
146 100  
148 0.0 51.3 76.9#  
111 38.9 34.7 52.1

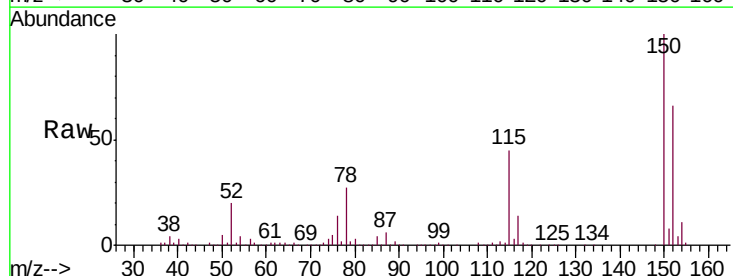


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

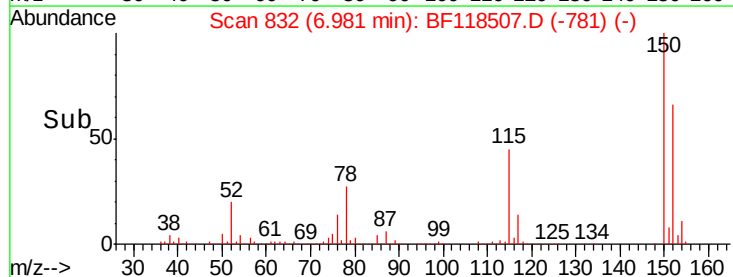
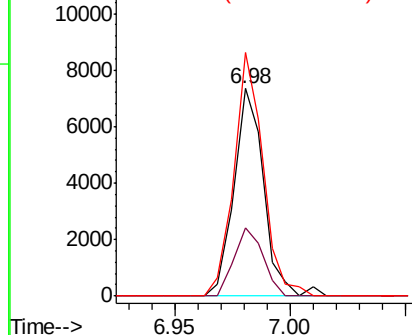


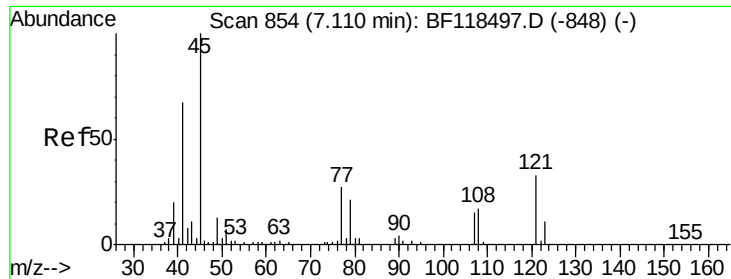
#15  
Benzyl Alcohol  
Concen: 1.494 ng  
RT: 6.98 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion: 79 Resp: 6601  
Ion Ratio Lower Upper  
79 100  
108 32.7 60.2 90.2#  
77 117.4 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1

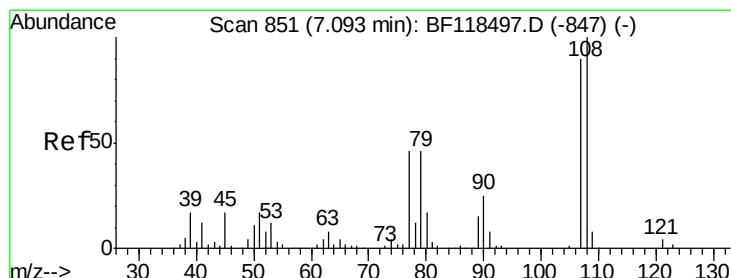
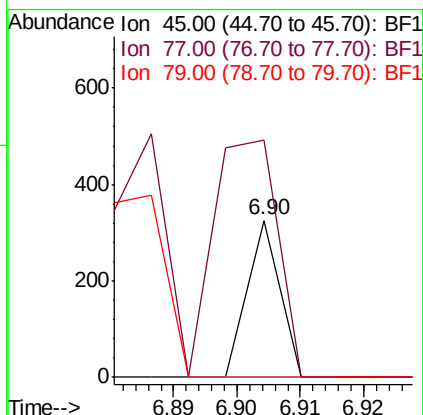
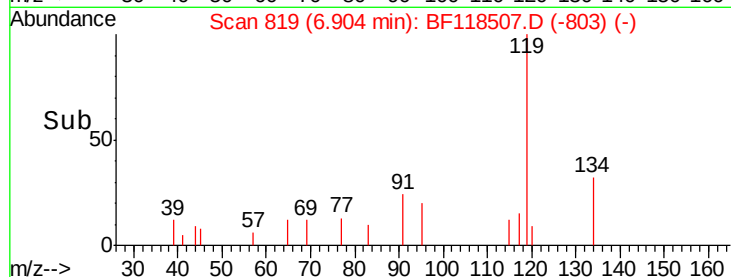
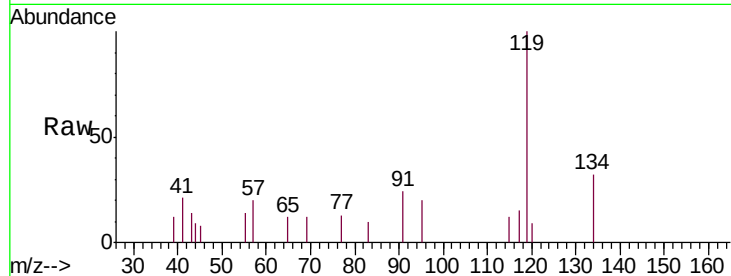




#16  
2,2'-oxybis(1-chloropropane)  
Concen: 0.024 ng  
RT: 6.90 min Scan# 819  
Delta R.T. -0.21 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

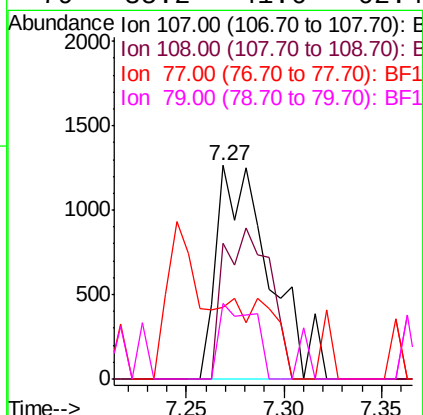
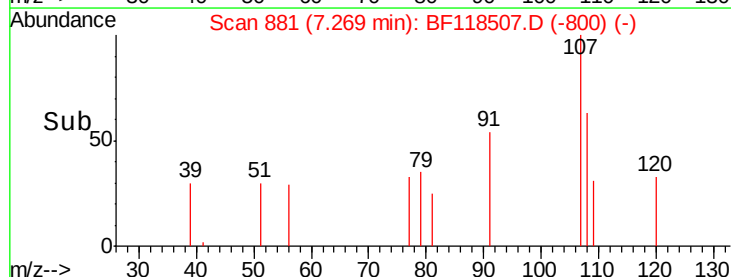
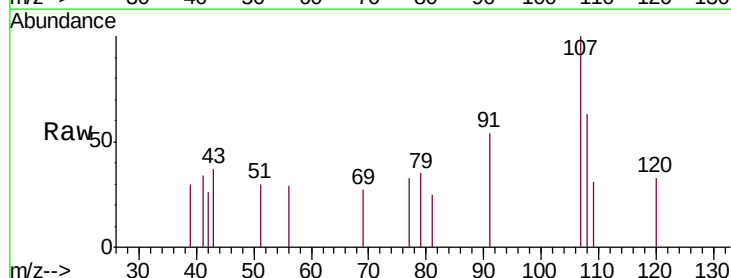
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

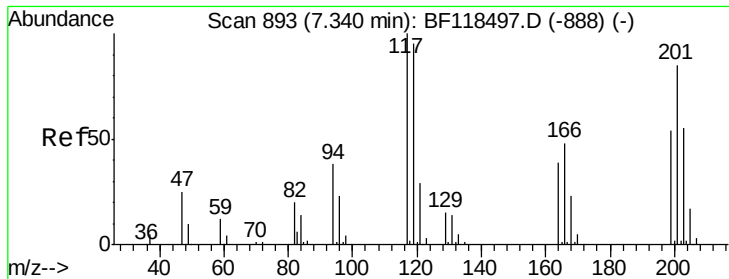
Tgt Ion: 45 Resp: 115  
Ion Ratio Lower Upper  
45 100  
77 151.1 7.6 47.6#  
79 0.0 2.0 42.0#



#17  
2-Methylphenol  
Concen: 0.582 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.18 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion: 107 Resp: 2382  
Ion Ratio Lower Upper  
107 100  
108 63.5 88.9 133.3#  
77 33.3 41.2 61.8#  
79 35.2 41.6 62.4#

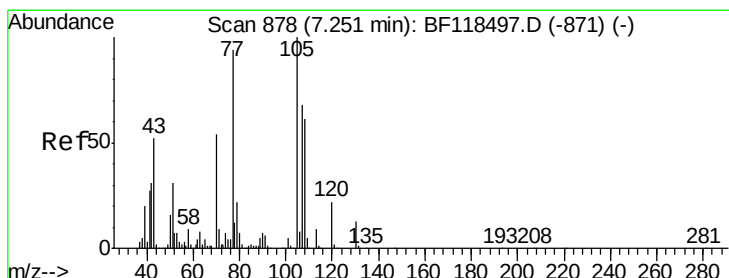
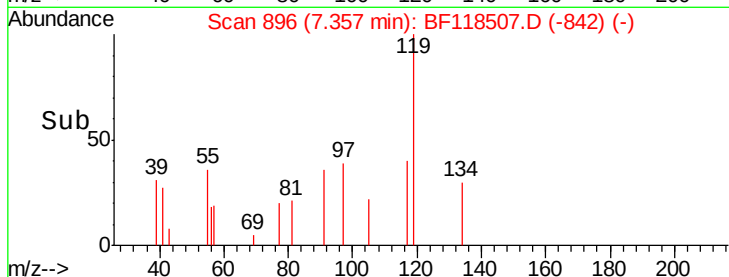
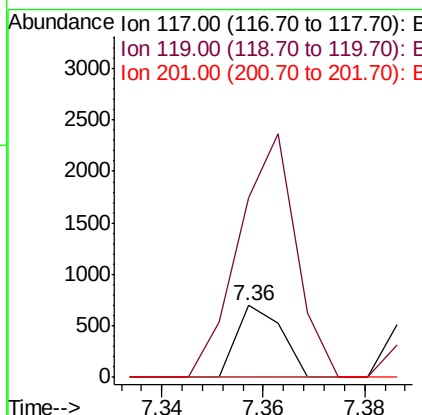
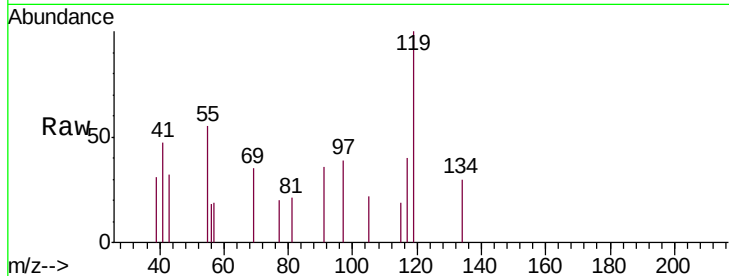




#18  
Hexachloroethane  
Concen: 0.191 ng  
RT: 7.36 min Scan# 896  
Delta R.T. 0.02 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

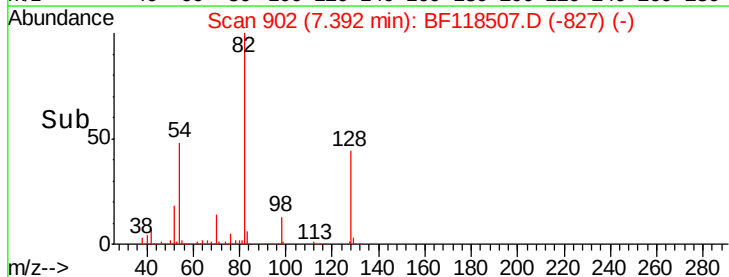
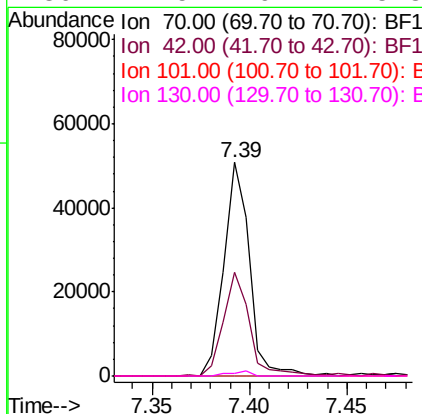
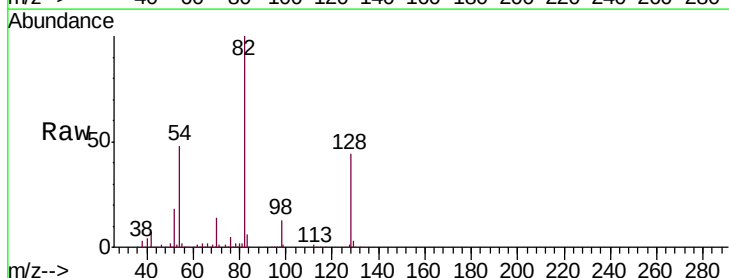
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

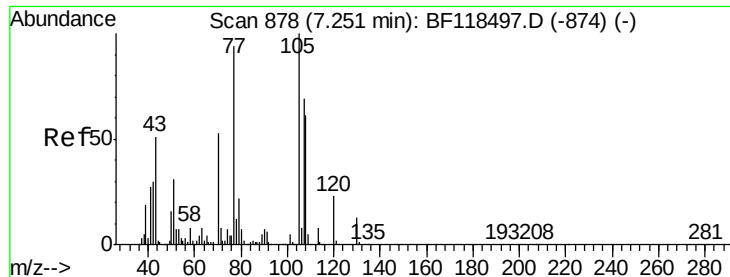
Tgt Ion: 117 Resp: 430  
Ion Ratio Lower Upper  
117 100  
119 250.3 76.2 114.4#  
201 0.0 67.7 101.5#



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.165 ng  
RT: 7.39 min Scan# 902  
Delta R.T. 0.14 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion: 70 Resp: 46182  
Ion Ratio Lower Upper  
70 100  
42 48.3 45.6 68.4  
101 0.0 8.2 12.2#  
130 1.5 19.2 28.8#

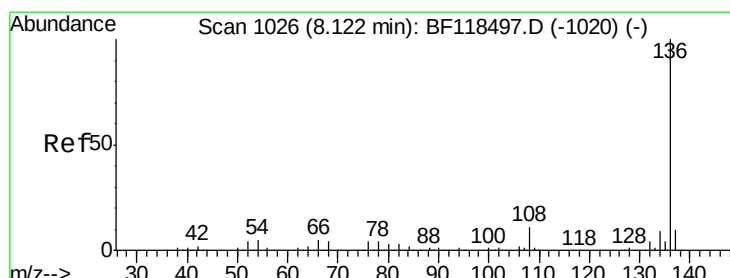
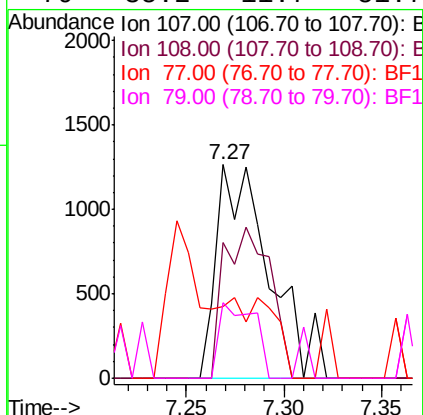
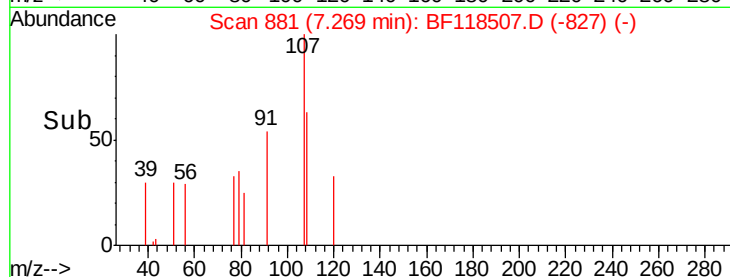
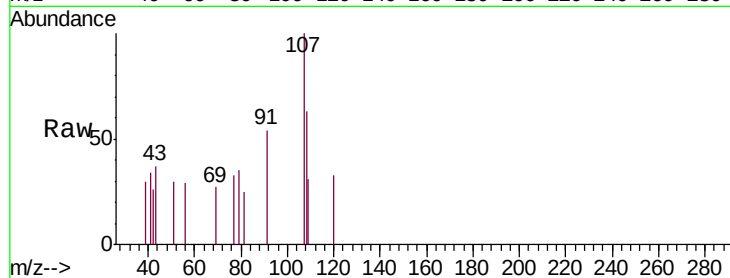




#20  
3+4-Methylphenols  
Concen: 0.429 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.02 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

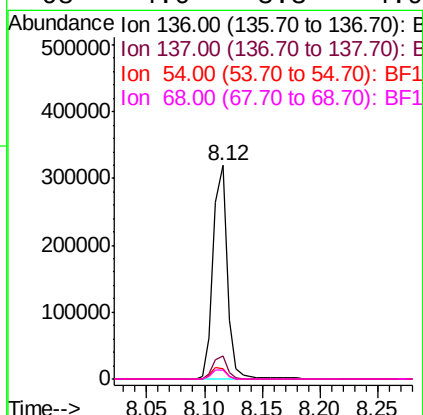
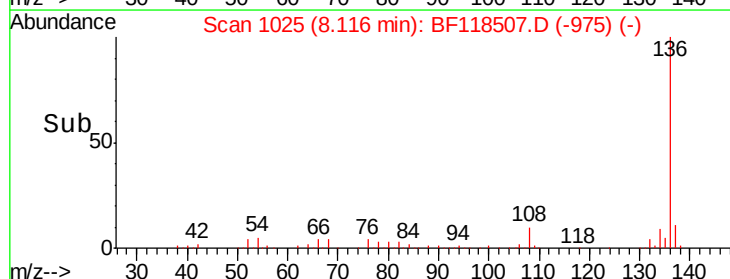
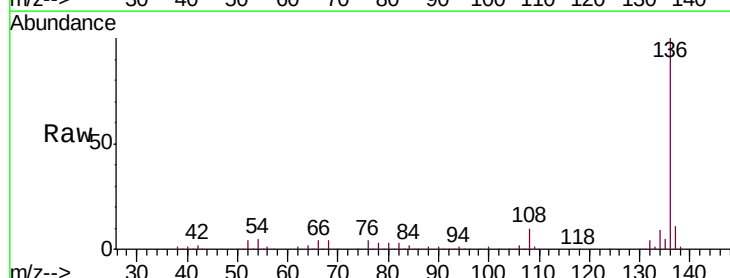
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

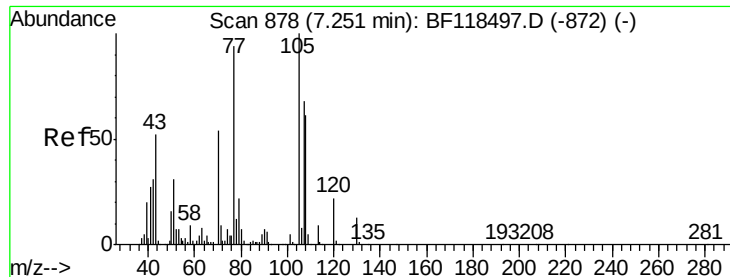
Tgt Ion:107 Resp: 2382  
Ion Ratio Lower Upper  
107 100  
108 63.5 68.9 108.9#  
77 33.3 116.8 156.8#  
79 35.2 11.7 51.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion:136 Resp: 273502  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.3 12.5  
54 4.9 4.2 6.2  
68 4.0 3.3 4.9





#22

Acetophenone

Concen: 0.166 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

Tgt Ion:105 Resp: 1150

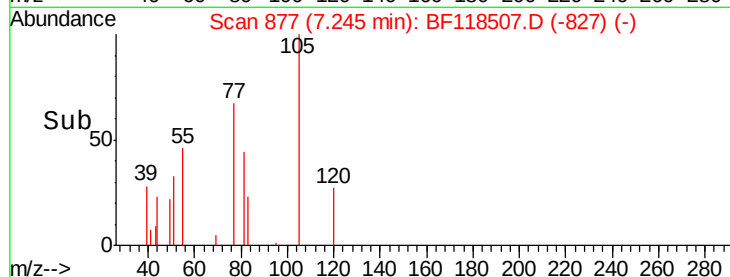
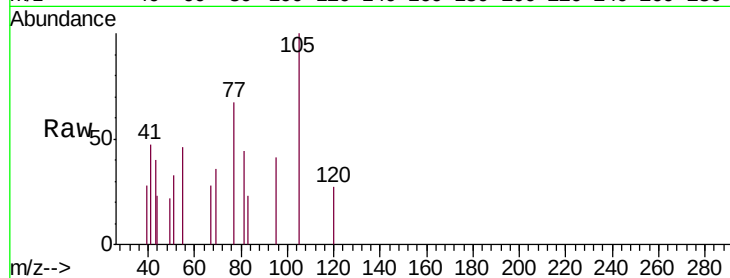
Ion Ratio Lower Upper

105 100

71 0.0 6.9 10.3#

51 33.1 25.0 37.4

120 27.0 18.0 27.0#

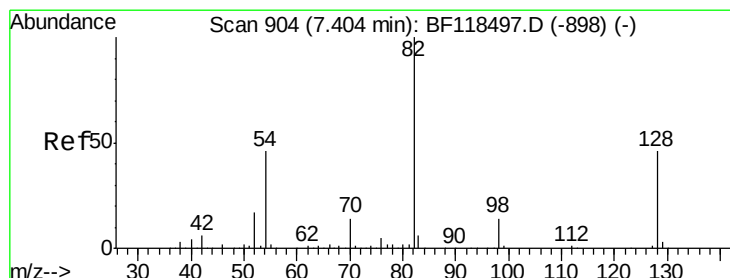
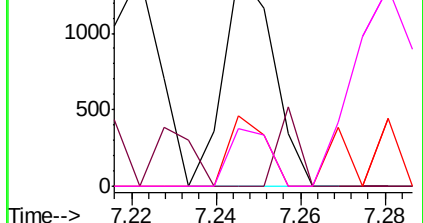


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 63.554 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

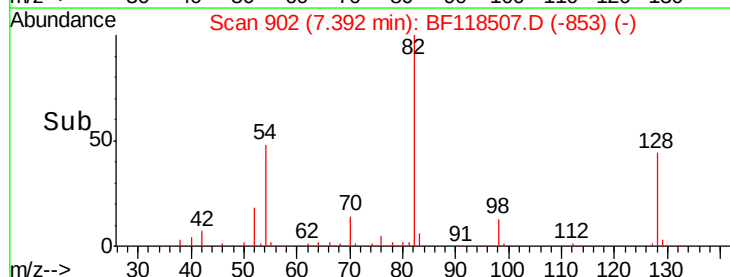
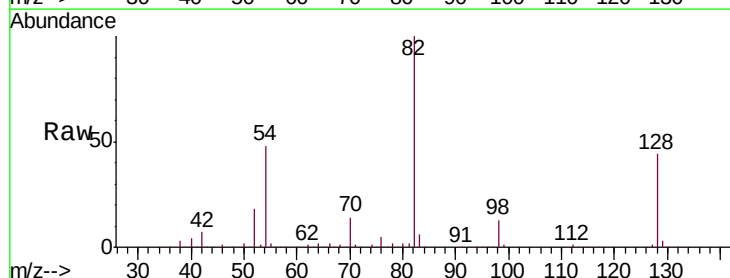
Tgt Ion: 82 Resp: 330892

Ion Ratio Lower Upper

82 100

128 43.8 36.6 54.8

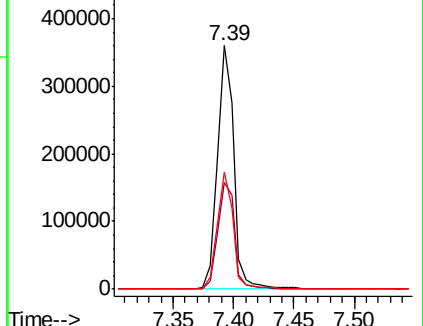
54 48.0 37.0 55.6

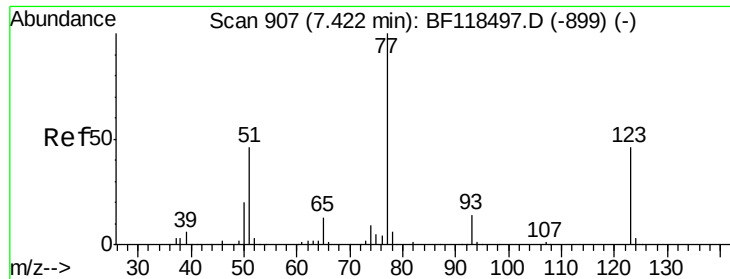


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

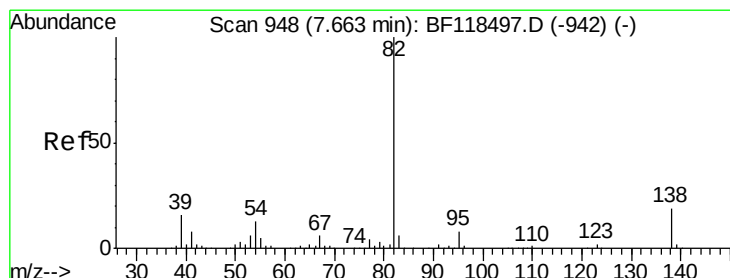
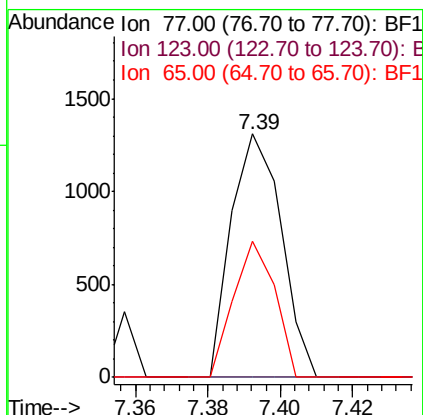
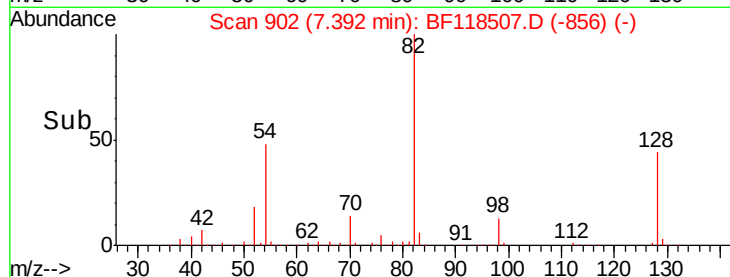
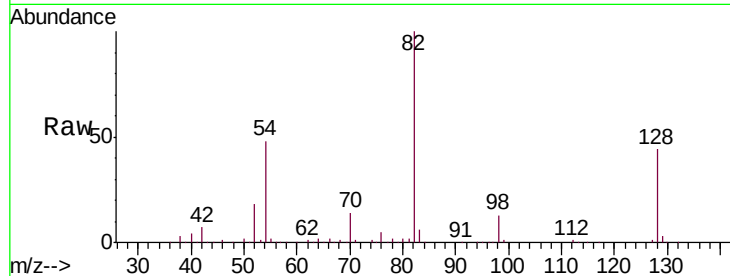




#24  
 Nitrobenzene  
 Concen: 0.244 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. -0.03 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

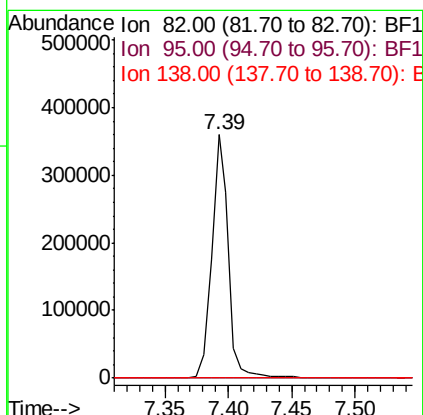
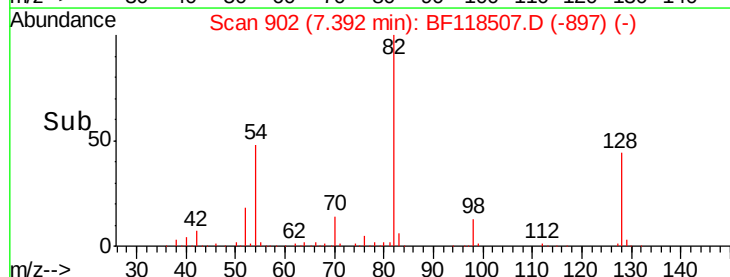
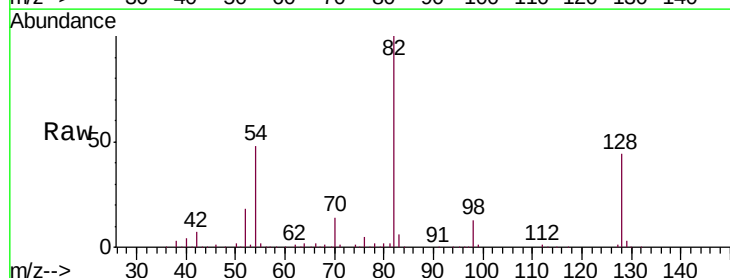
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2

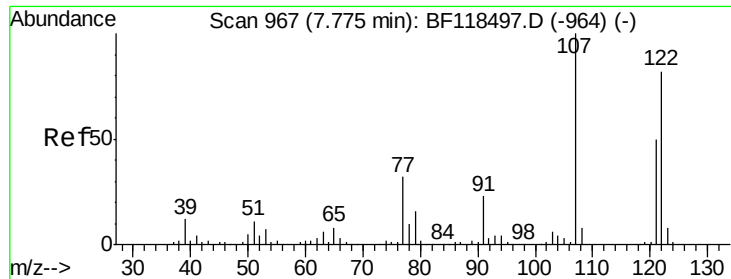
Tgt Ion: 77 Resp: 1261  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 37.0 55.4#  
 65 56.0 10.7 16.1#



#25  
 Isophorone  
 Concen: 39.676 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. -0.27 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

Tgt Ion: 82 Resp: 330934  
 Ion Ratio Lower Upper  
 82 100  
 95 0.1 6.6 9.8#  
 138 0.0 15.4 23.2#

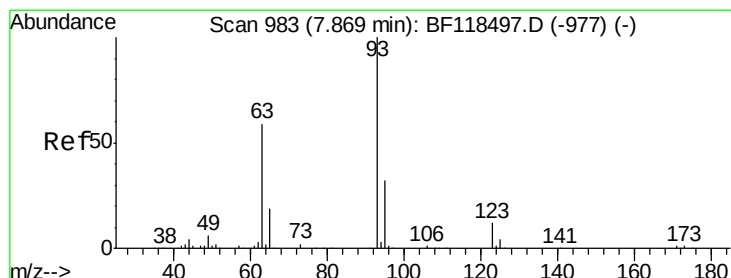
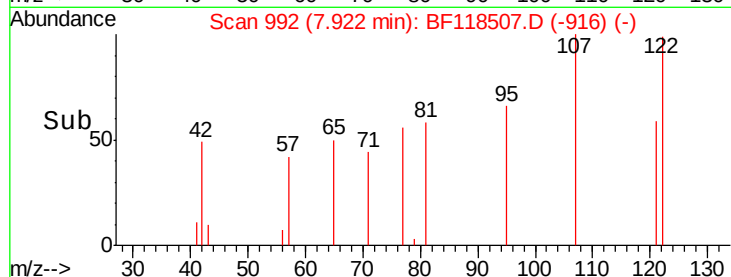
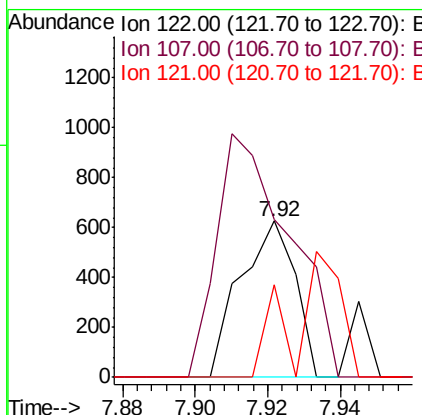
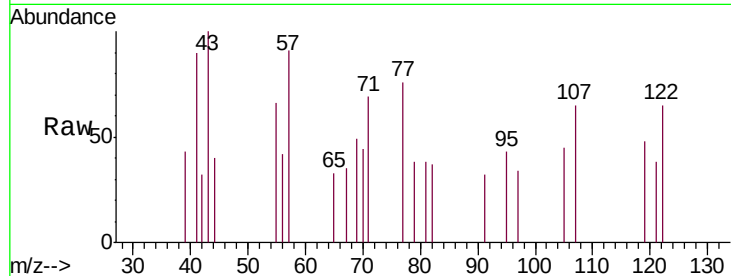




#27  
 2,4-Dimethylphenol  
 Concen: 0.191 ng  
 RT: 7.92 min Scan# 992  
 Delta R.T. 0.15 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

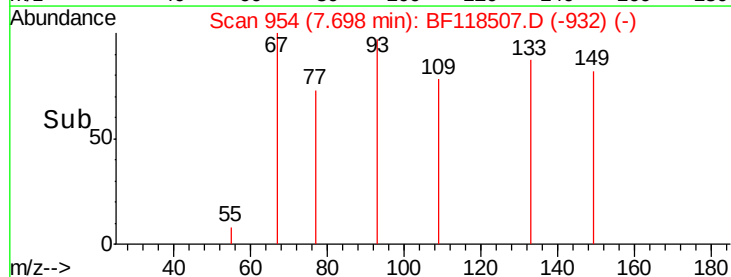
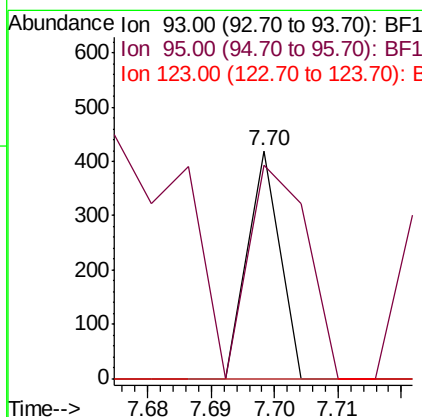
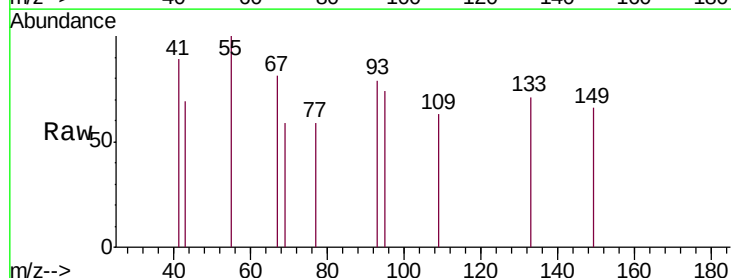
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

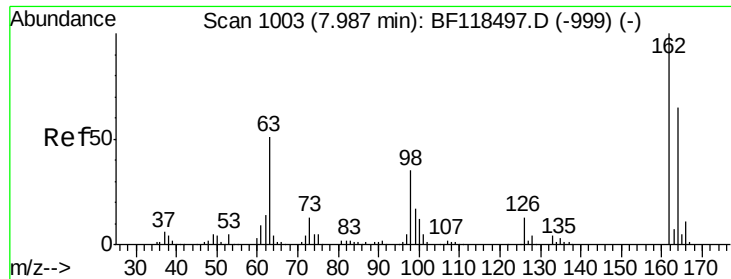
Tgt Ion:122 Resp: 656  
 Ion Ratio Lower Upper  
 122 100  
 107 101.1 97.9 146.9  
 121 59.4 49.0 73.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 0.027 ng  
 RT: 7.70 min Scan# 954  
 Delta R.T. -0.17 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

Tgt Ion: 93 Resp: 148  
 Ion Ratio Lower Upper  
 93 100  
 95 93.6 25.9 38.9#  
 123 0.0 9.7 14.5#

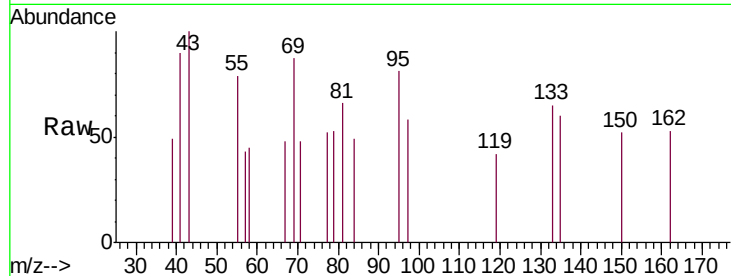




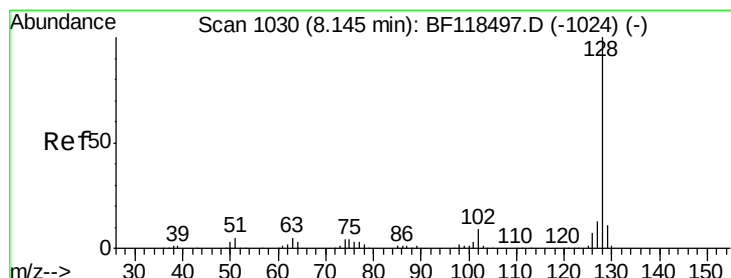
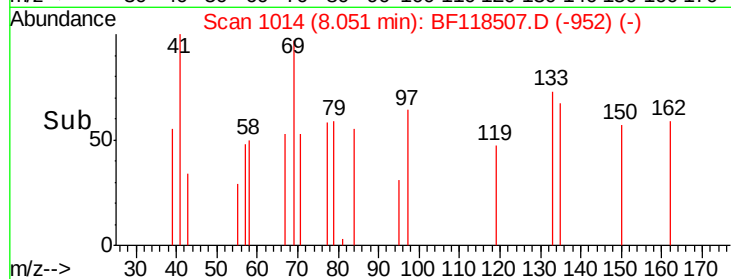
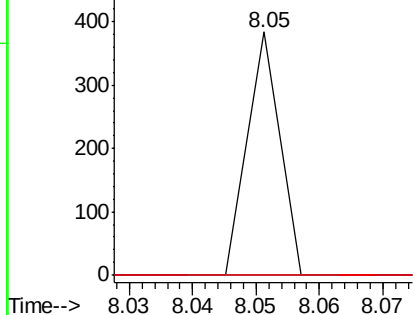
#29  
2,4-Dichlorophenol  
Concen: 0.034 ng  
RT: 8.05 min Scan# 1014  
Delta R.T. 0.06 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Tgt Ion:162 Resp: 136  
Ion Ratio Lower Upper  
162 100  
164 0.0 44.8 84.8#  
98 0.0 15.1 55.1#

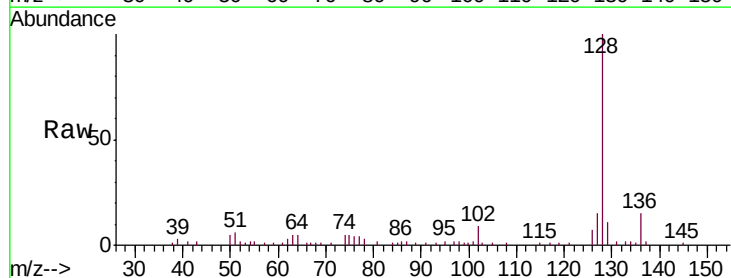


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

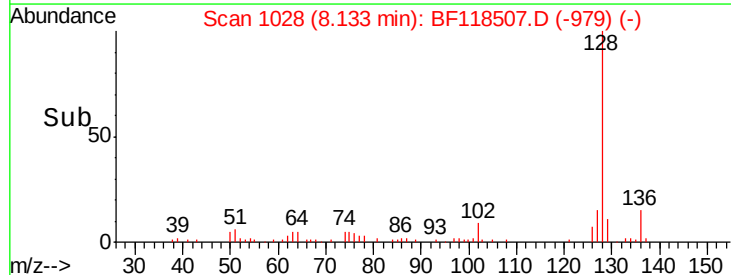
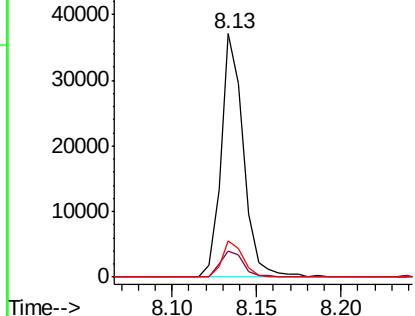


#31  
Naphthalene  
Concen: 2.377 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

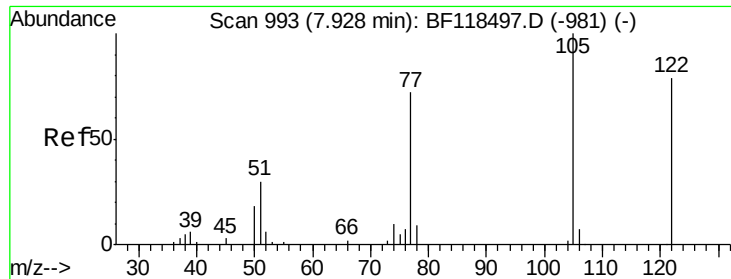
Tgt Ion:128 Resp: 34002  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 12.8  
127 14.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E







#32

Benzoic acid

Concen: 6.722 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampled :

TP-2

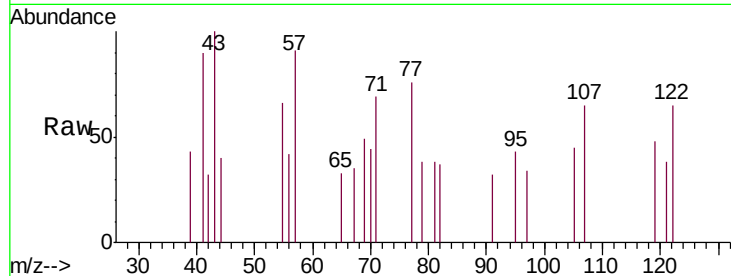
Tgt Ion:122 Resp: 656

Ion Ratio Lower Upper

122 100

105 70.0 105.7 145.7#

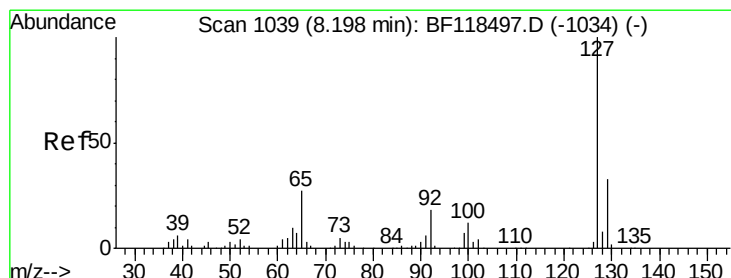
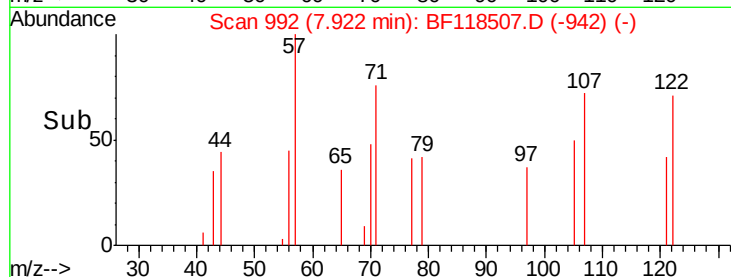
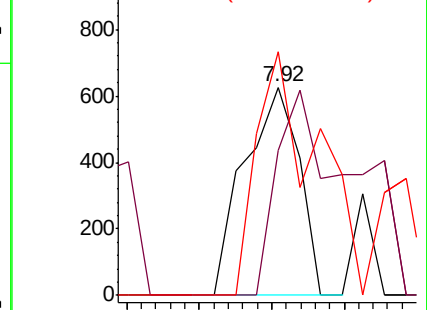
77 117.1 71.0 111.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.804 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.06 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Tgt Ion:127 Resp: 4734

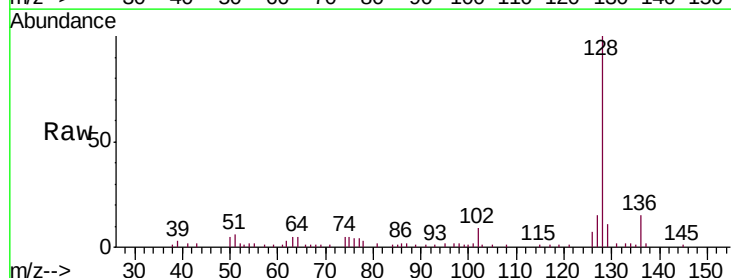
Ion Ratio Lower Upper

127 100

129 72.3 26.2 39.4#

65 0.0 21.6 32.4#

92 0.0 14.3 21.5#

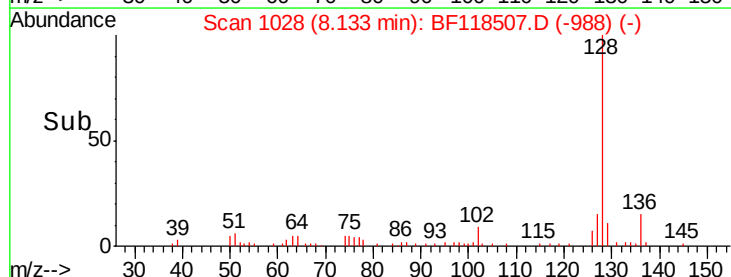
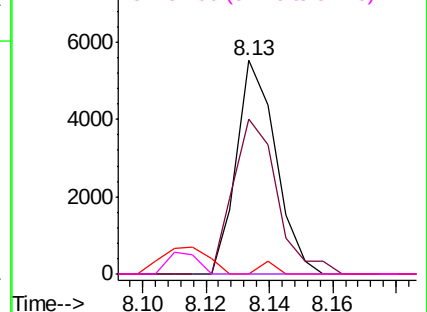


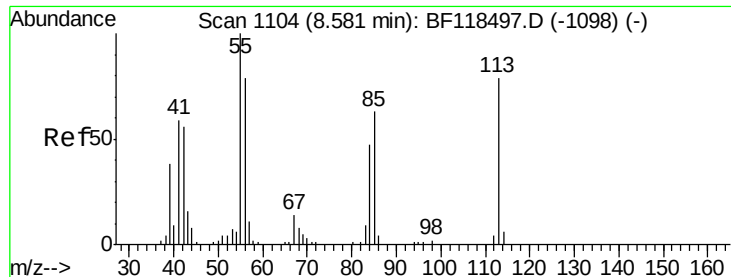
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 1.026 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampled :

TP-2

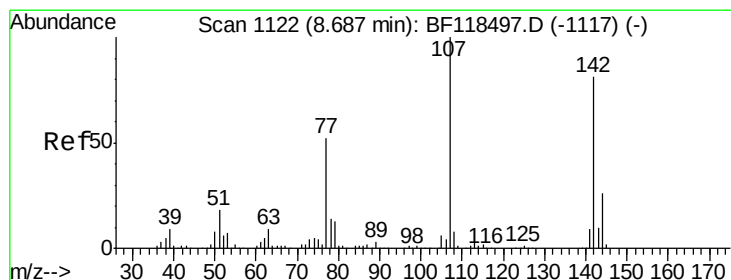
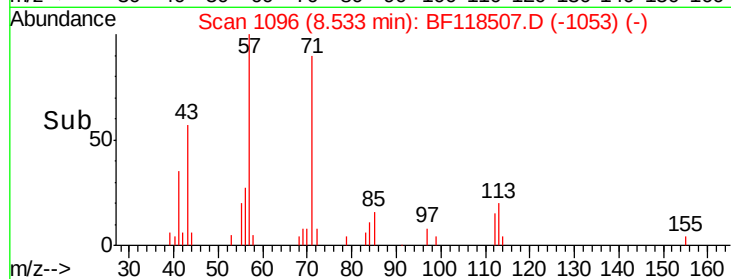
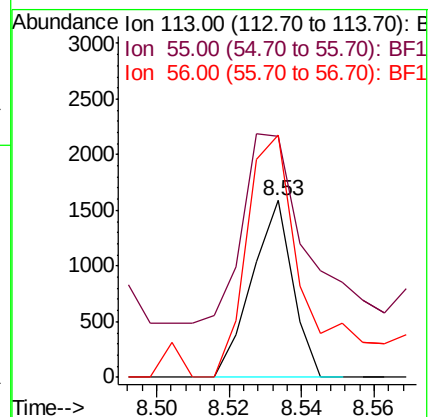
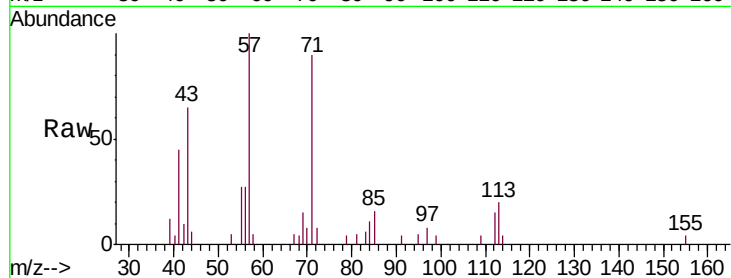
Tgt Ion:113 Resp: 1241

Ion Ratio Lower Upper

113 100

55 136.6 106.5 146.5

56 137.3 80.1 120.1#



#36

4-Chloro-3-methylphenol

Concen: 0.036 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.12 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

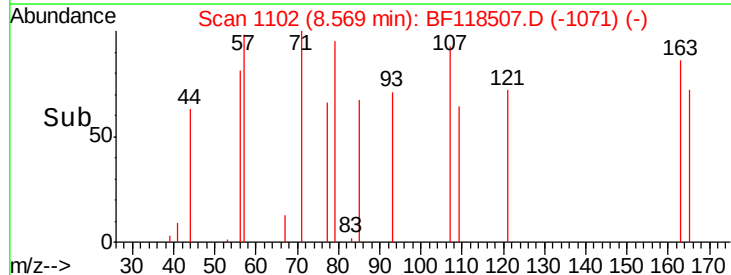
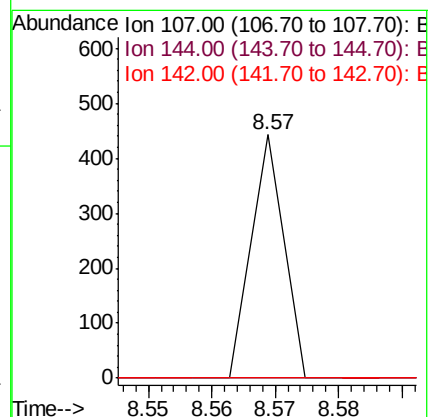
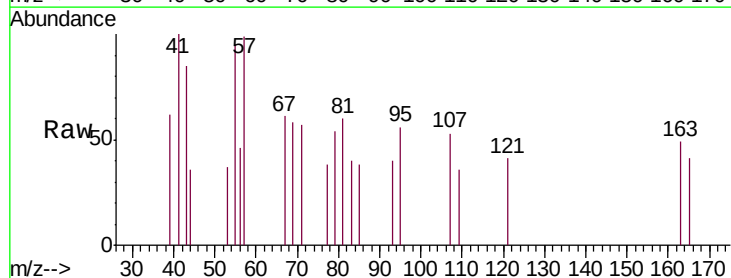
Tgt Ion:107 Resp: 156

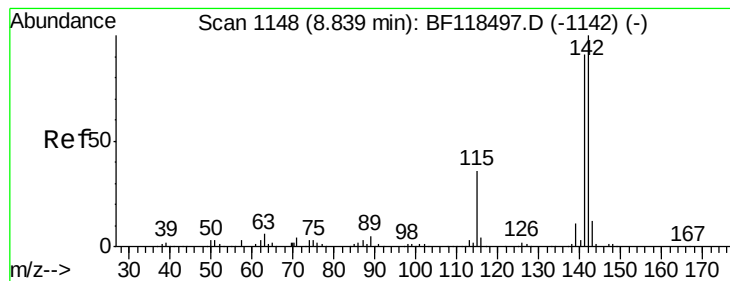
Ion Ratio Lower Upper

107 100

144 0.0 20.6 31.0#

142 0.0 65.0 97.4#





#37

2-Methylnaphthalene

Concen: 2.055 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

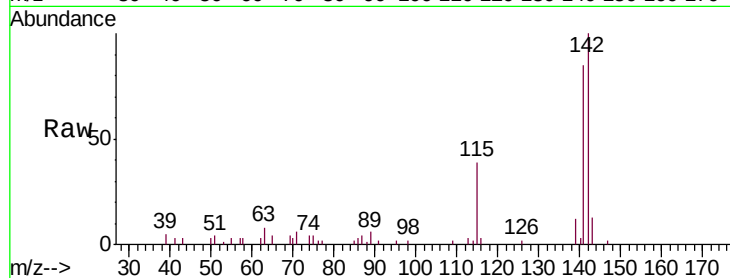
Tgt Ion:142 Resp: 20180

Ion Ratio Lower Upper

142 100

141 85.4 73.0 109.6

115 38.7 28.4 42.6

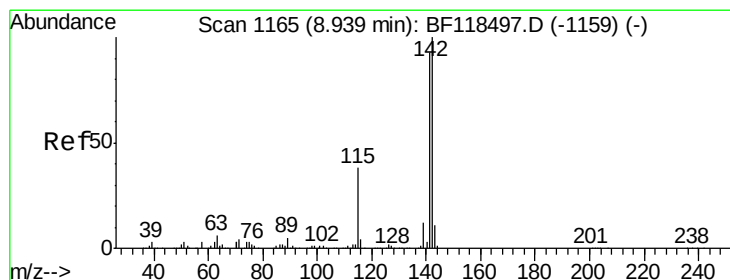
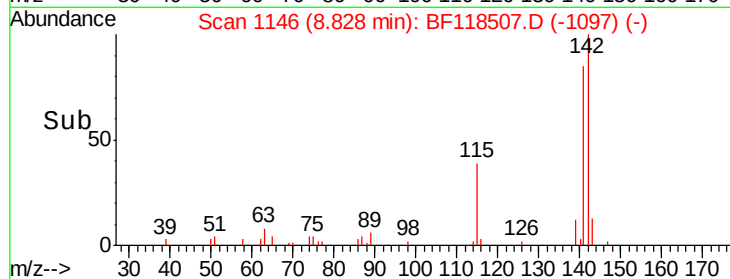
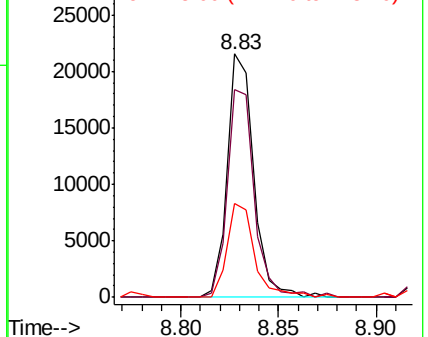


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 1.736 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

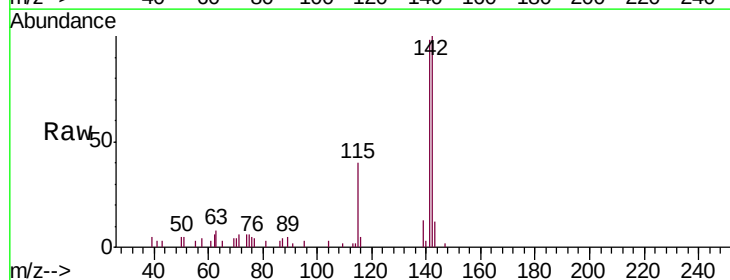
Tgt Ion:142 Resp: 16006

Ion Ratio Lower Upper

142 100

141 98.2 74.3 111.5

116 5.1 3.2 4.8#

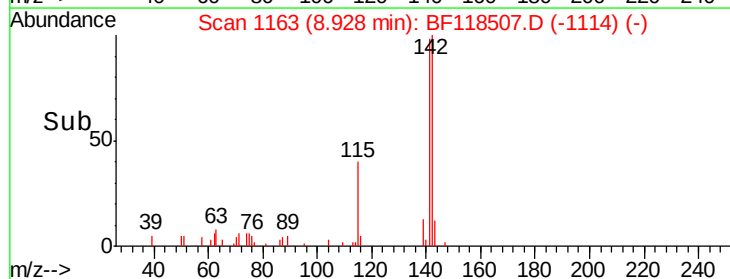
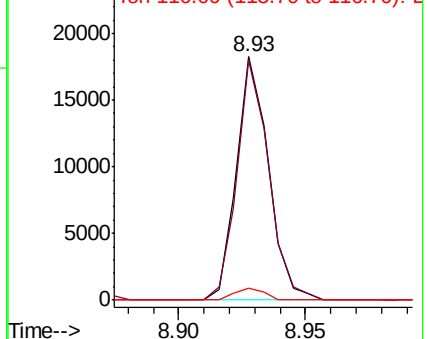


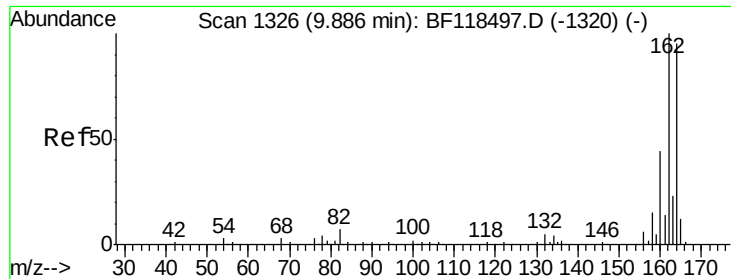
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

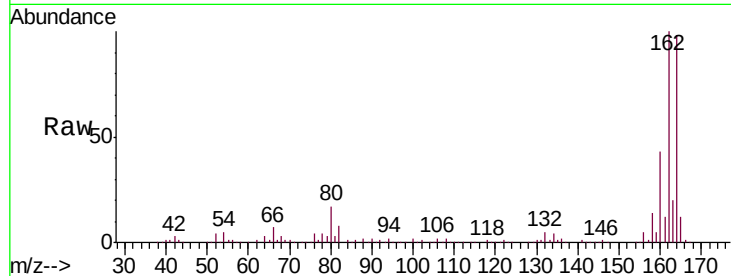




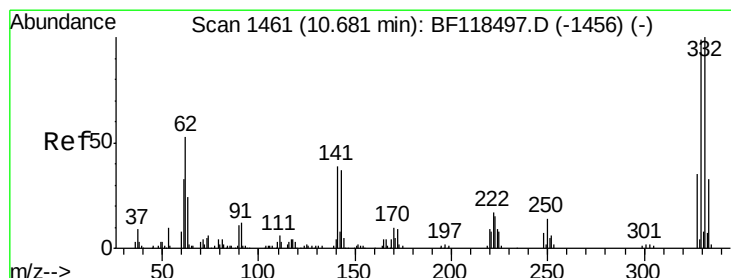
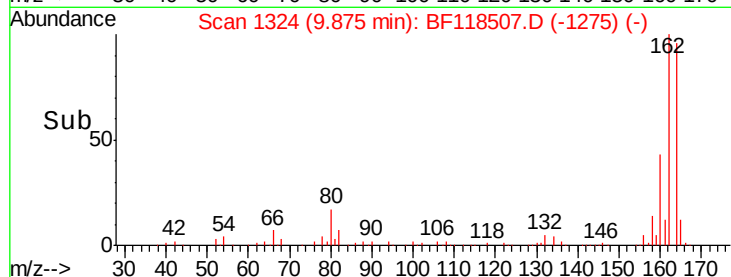
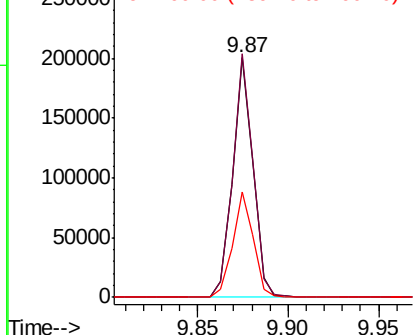
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Tgt Ion:164 Resp: 157256  
Ion Ratio Lower Upper  
164 100  
162 101.7 84.2 126.4  
160 44.2 36.8 55.2

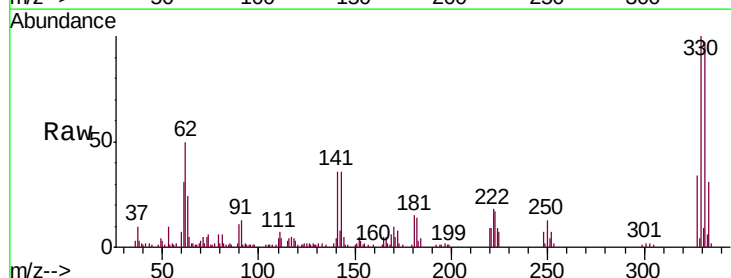


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

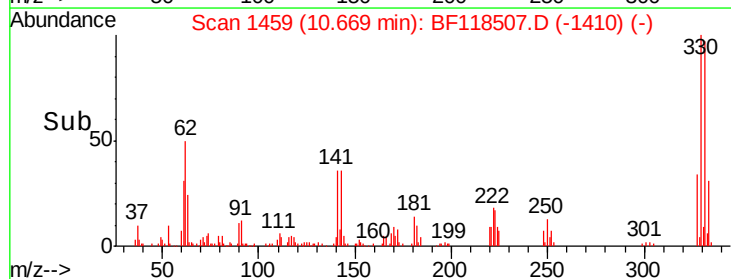
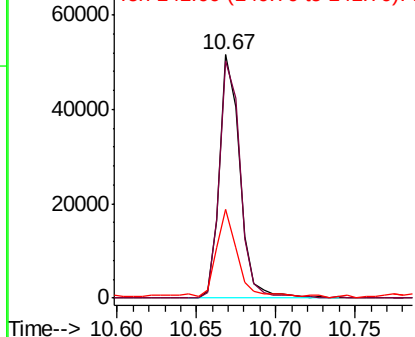


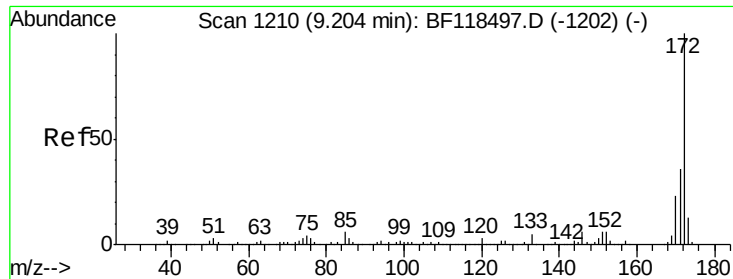
#42  
2,4,6-Tribromophenol  
Concen: 24.837 ng  
RT: 10.67 min Scan# 1459  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion:330 Resp: 46087  
Ion Ratio Lower Upper  
330 100  
332 99.5 77.9 116.9  
141 42.9 28.6 43.0



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

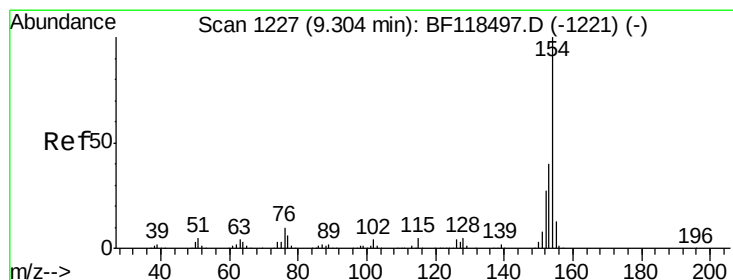
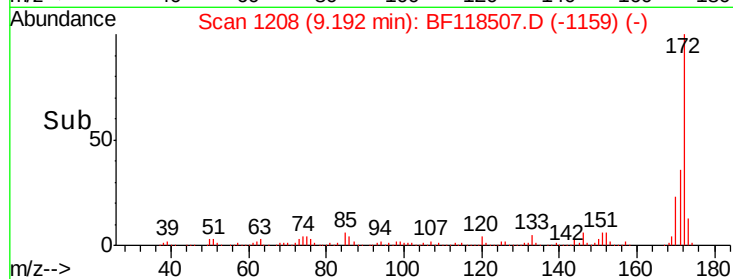
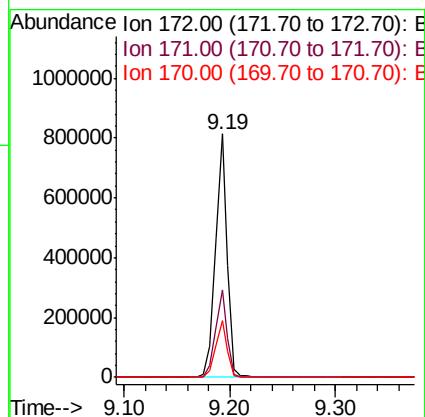
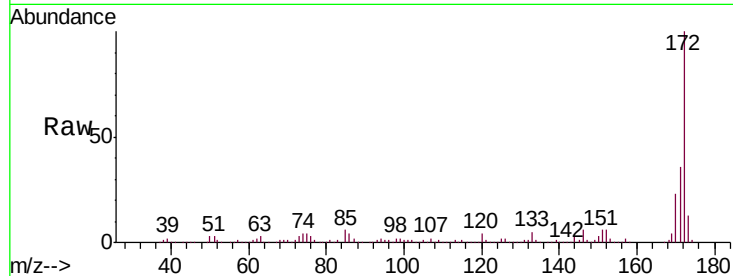




#45  
2-Fluorobiphenyl  
Concen: 58.453 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

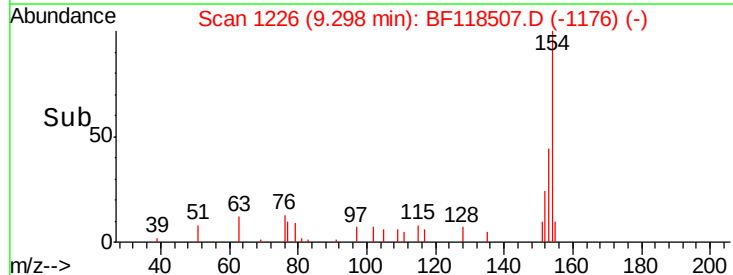
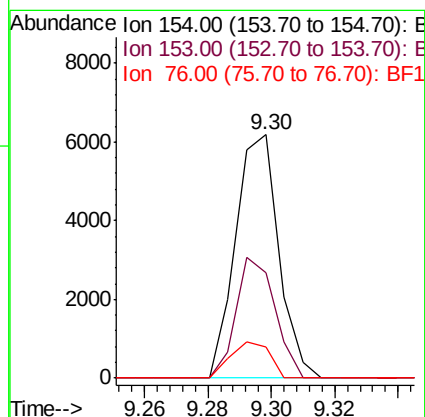
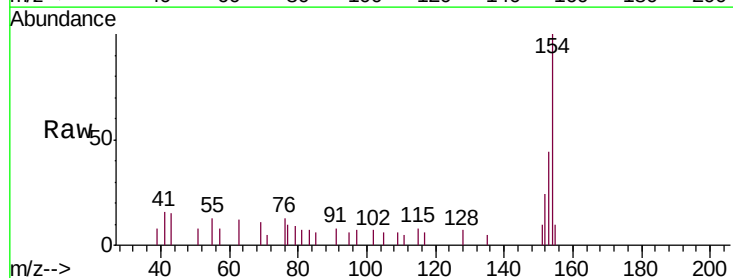
Instrument :  
BNA\_F  
ClientSampled :  
TP-2

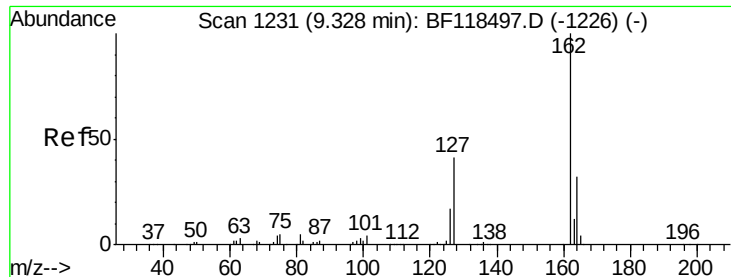
Tgt Ion:172 Resp: 640924  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 42.8  
170 23.3 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 0.451 ng  
RT: 9.30 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion:154 Resp: 5796  
Ion Ratio Lower Upper  
154 100  
153 43.5 20.2 60.2  
76 12.7 0.0 30.4

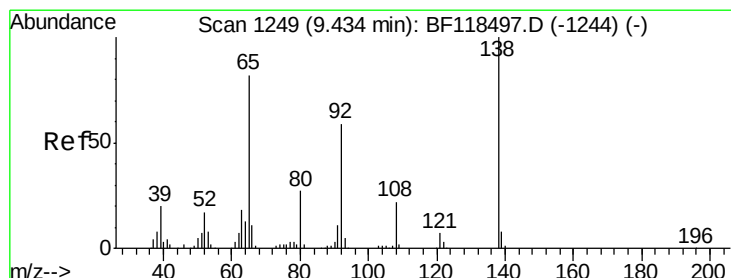
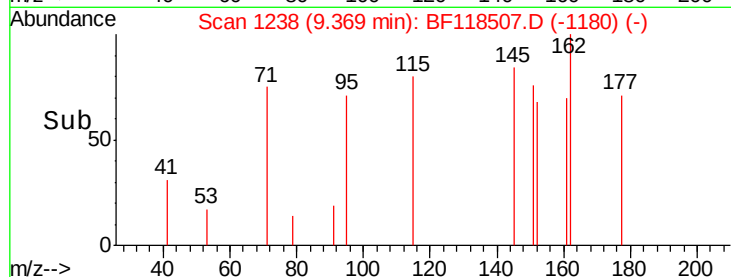
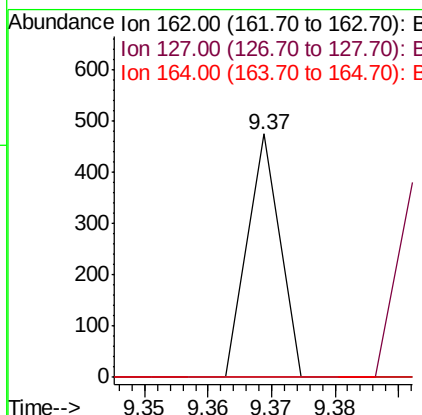
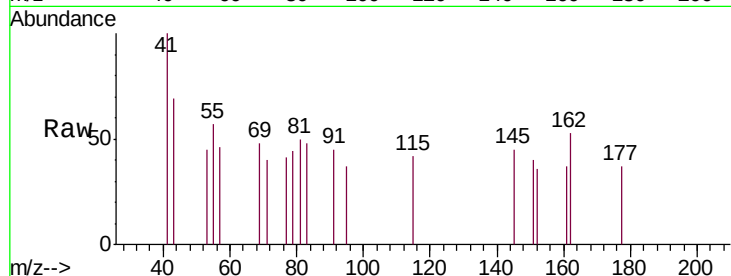




#47  
 2-Chloronaphthalene  
 Concen: 0.017 ng  
 RT: 9.37 min Scan# 1238  
 Delta R.T. 0.04 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

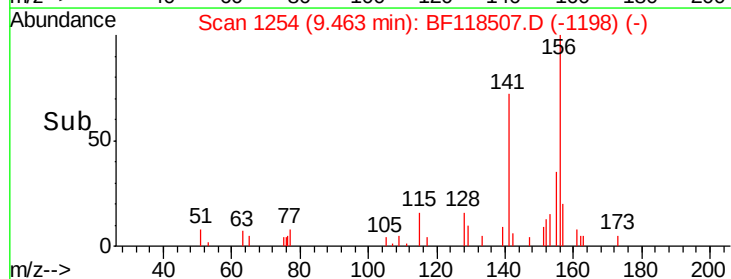
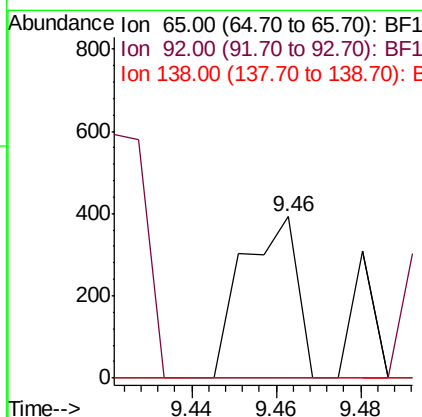
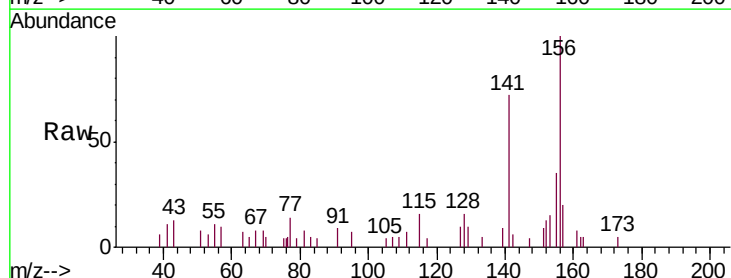
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

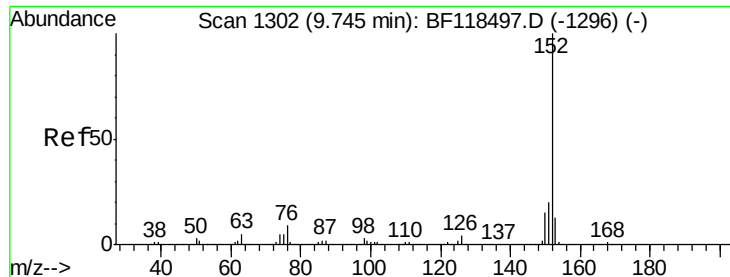
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 0.0   | 35.5  | 53.3# |
| 164     | 0.0   | 25.8  | 38.8# |



#48  
 2-Nitroaniline  
 Concen: 0.119 ng  
 RT: 9.46 min Scan# 1254  
 Delta R.T. 0.03 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 0.0   | 57.7  | 86.5#  |
| 138     | 0.0   | 97.2  | 145.8# |





#49

Acenaphthylene

Concen: 1.350 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

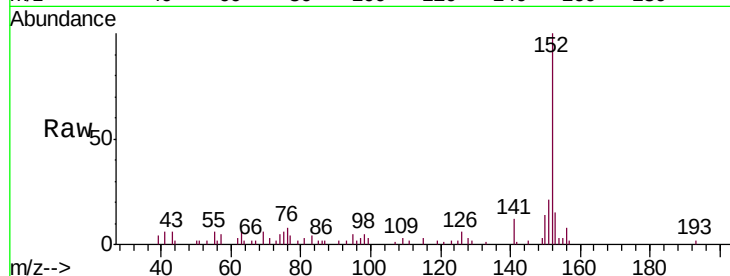
Tgt Ion:152 Resp: 20440

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

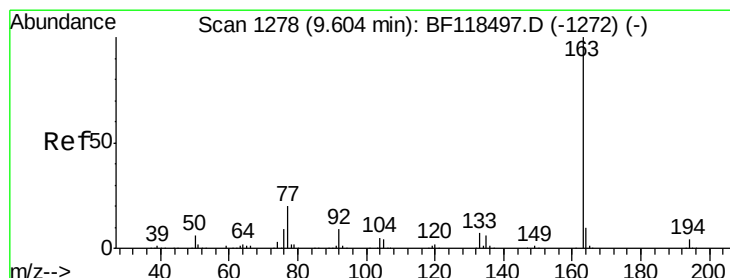
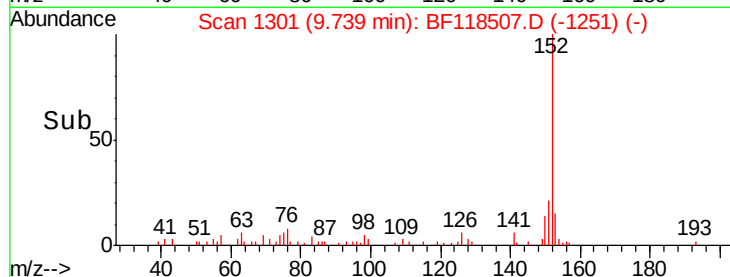
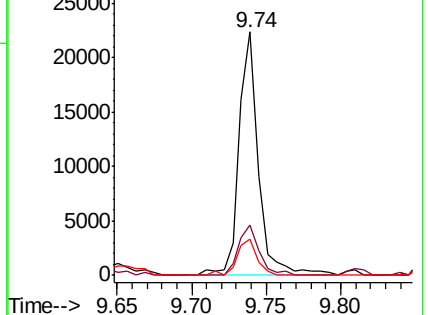
153 14.6 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.690 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

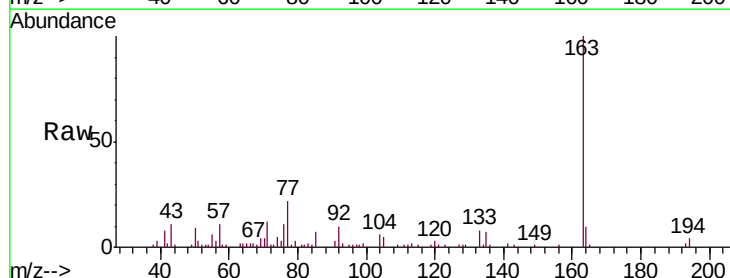
Tgt Ion:163 Resp: 44540

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

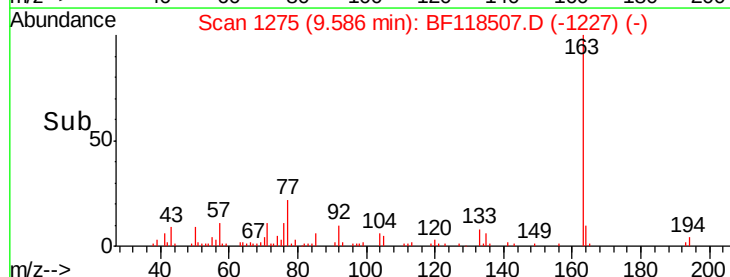
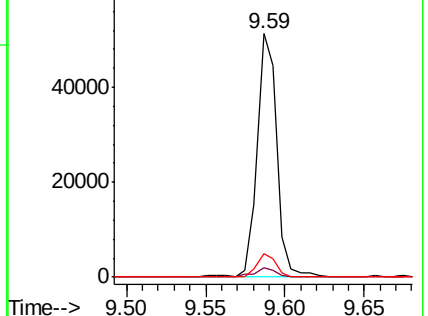
164 9.7 8.1 12.1

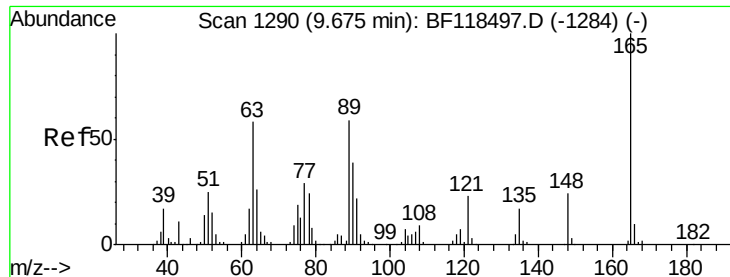


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

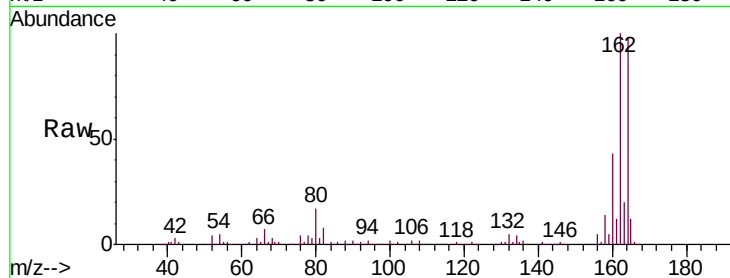




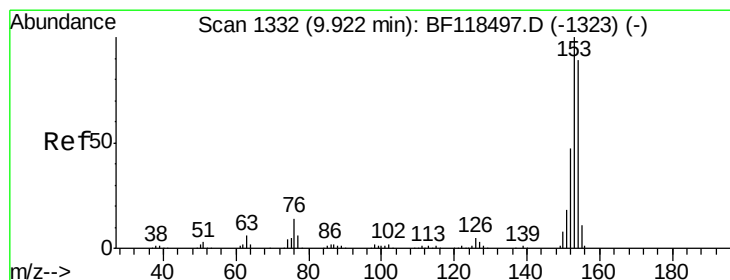
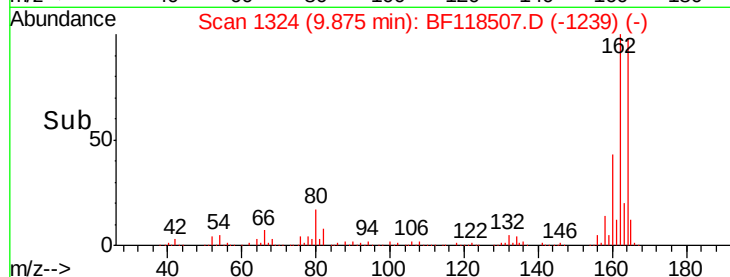
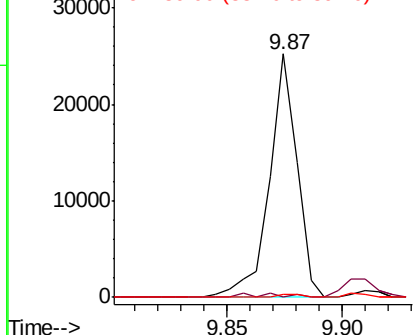
#51  
 2,6-Dinitrotoluene  
 Concen: 8.041 ng  
 RT: 9.87 min Scan# 1324  
 Delta R.T. 0.20 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Tgt Ion:165 Resp: 20901  
 Ion Ratio Lower Upper  
 165 100  
 63 0.0 46.6 70.0#  
 89 1.4 47.5 71.3#

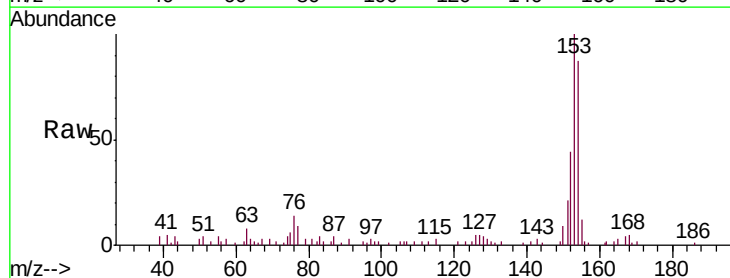


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

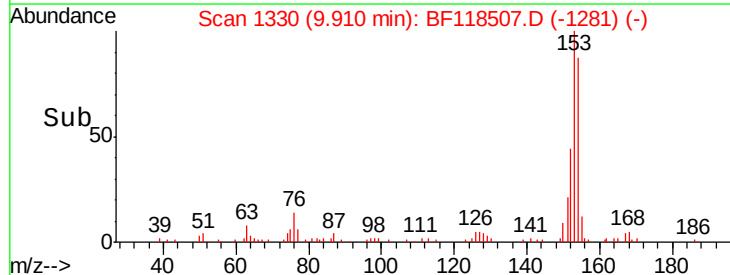
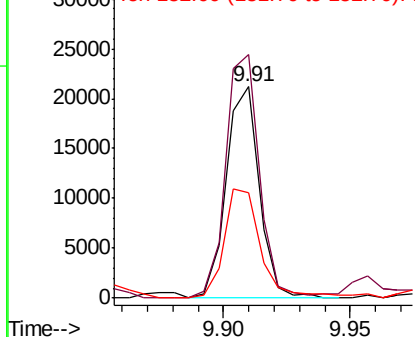


#52  
 Acenaphthene  
 Concen: 2.075 ng  
 RT: 9.91 min Scan# 1330  
 Delta R.T. -0.01 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

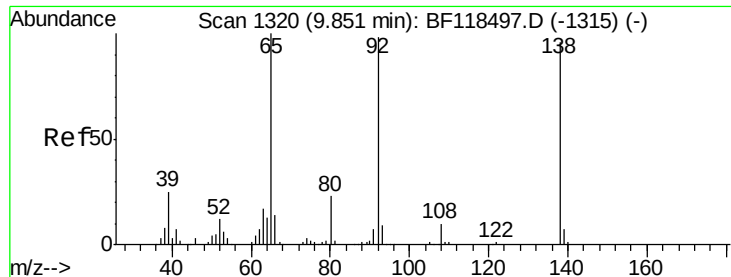
Tgt Ion:154 Resp: 19178  
 Ion Ratio Lower Upper  
 154 100  
 153 115.3 89.7 134.5  
 152 50.2 41.9 62.9



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







#53

3-Nitroaniline

Concen: 0.134 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.23 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

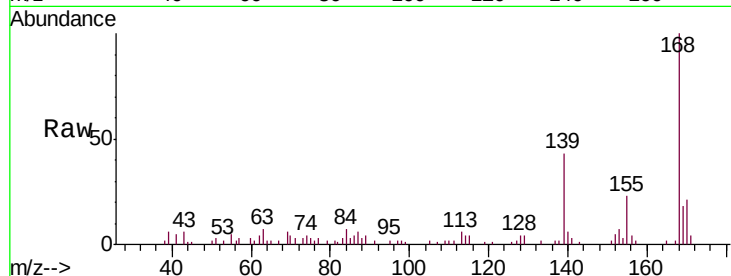
Tgt Ion:138 Resp: 409

Ion Ratio Lower Upper

138 100

108 0.0 8.1 12.1#

92 0.0 81.6 122.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

800

600

400

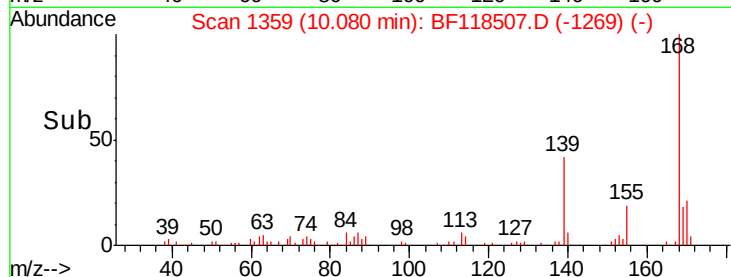
200

0

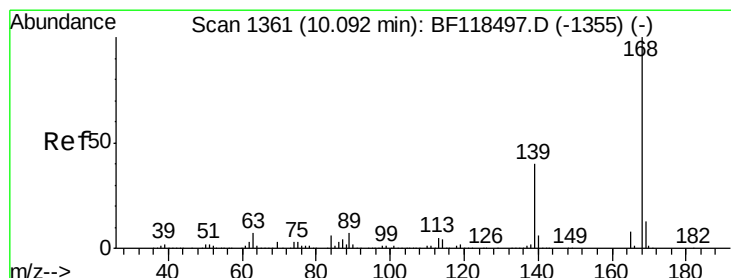
10.06

10.08

10.10



Time-->



#55

Dibenzofuran

Concen: 1.771 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

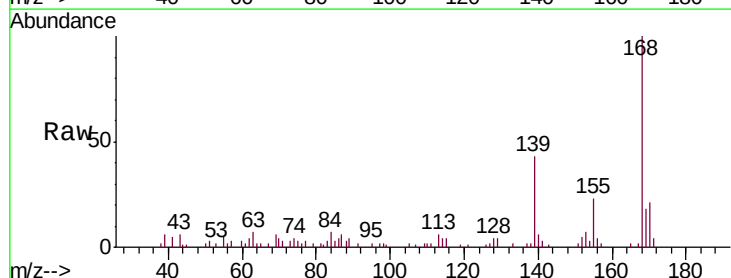
Tgt Ion:168 Resp: 24592

Ion Ratio Lower Upper

168 100

139 43.1 32.5 48.7

169 18.4 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

30000

20000

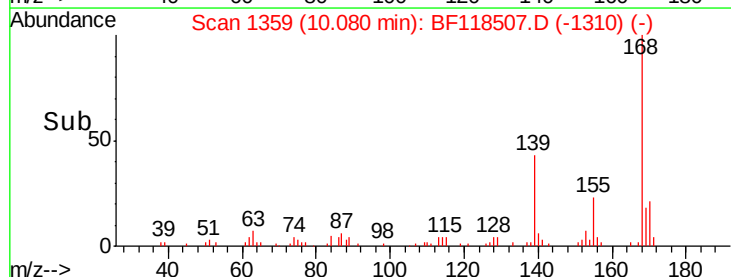
10000

0

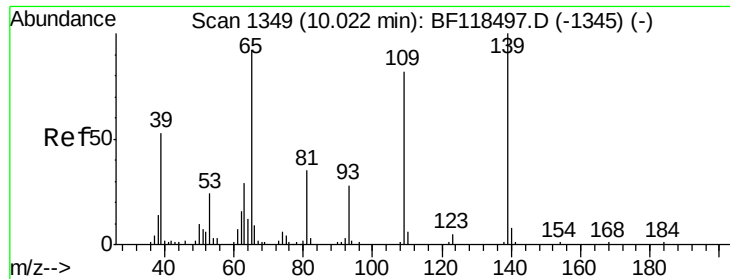
10.05

10.10

10.15



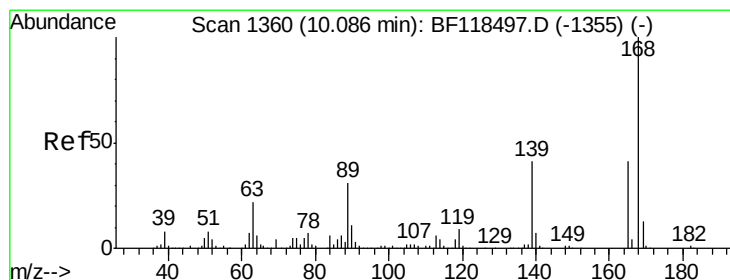
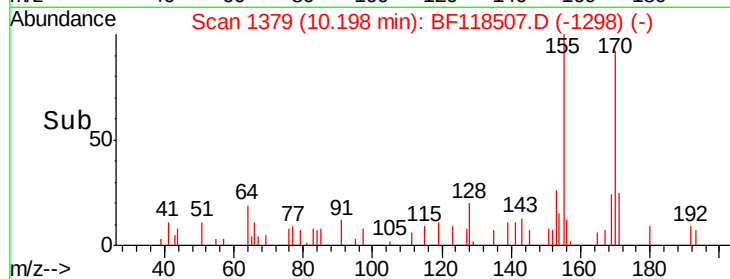
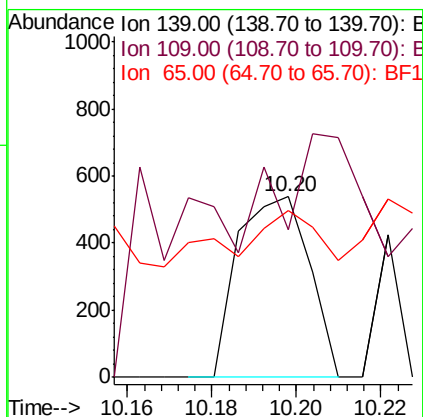
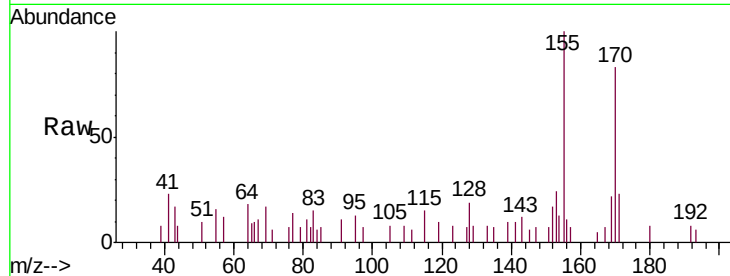
Time-->



#56  
4-Nitrophenol  
Concen: 0.429 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. 0.18 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

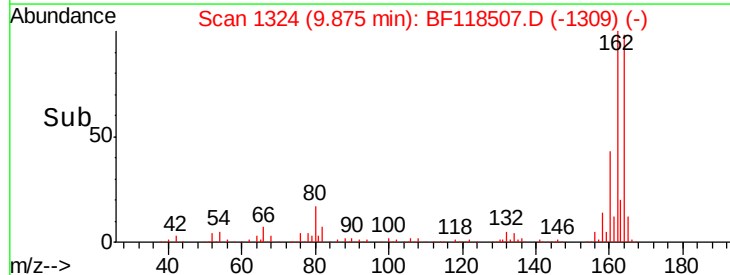
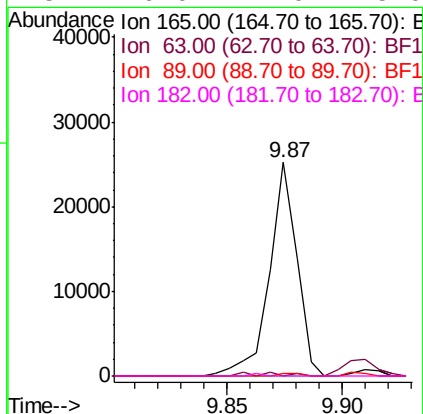
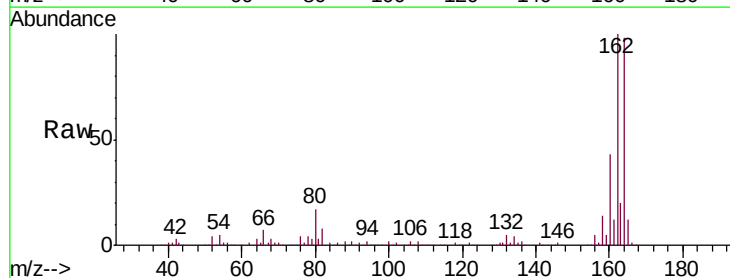
Instrument :  
BNA\_F  
ClientSampled :  
TP-2

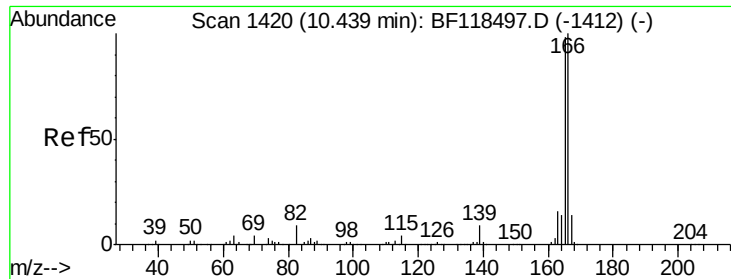
Tgt Ion:139 Resp: 634  
Ion Ratio Lower Upper  
139 100  
109 81.6 62.2 102.2  
65 92.6 72.8 112.8



#57  
2,4-Dinitrotoluene  
Concen: 6.006 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.21 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion:165 Resp: 20901  
Ion Ratio Lower Upper  
165 100  
63 0.0 44.1 66.1#  
89 1.4 60.4 90.6#  
182 0.0 2.0 3.0#

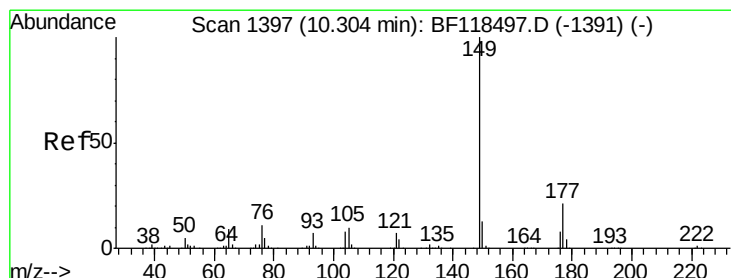
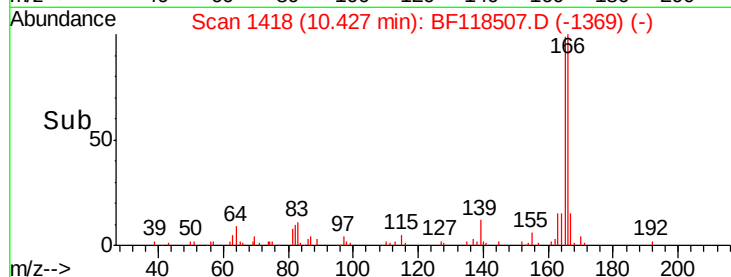
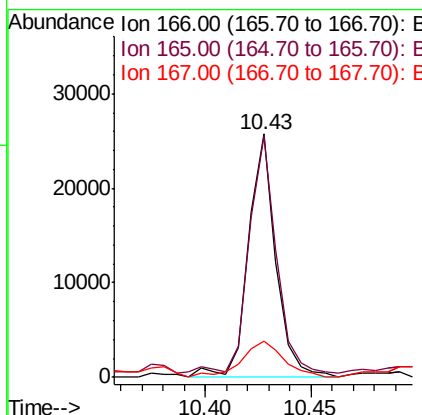
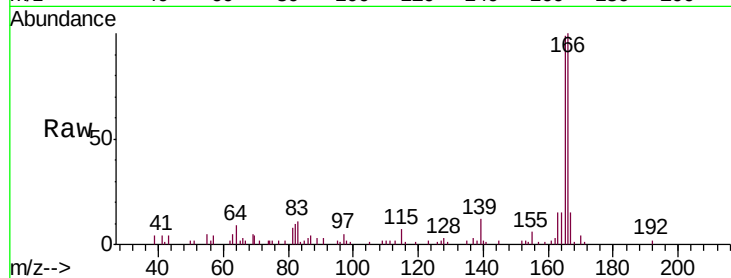




#58  
 Fluorene  
 Concen: 2.094 ng  
 RT: 10.43 min Scan# 1418  
 Delta R.T. -0.01 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

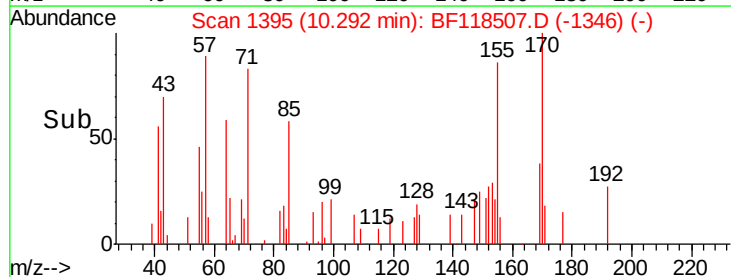
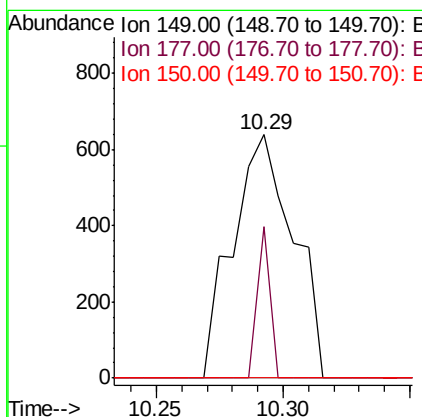
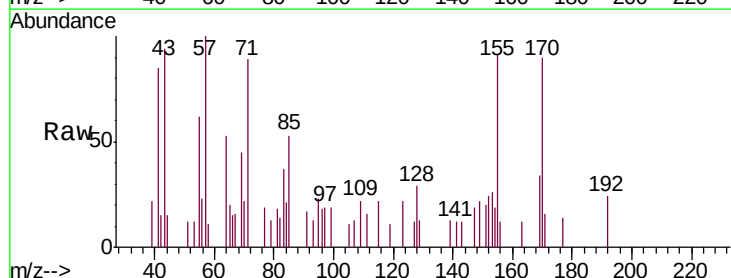
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

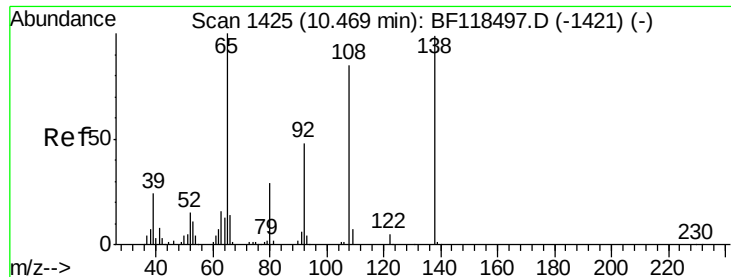
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 23367 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 98.9  | 78.6  | 117.8 |
| 167      | 15.0  | 10.8  | 16.2  |



#60  
 Diethylphthalate  
 Concen: 0.087 ng  
 RT: 10.29 min Scan# 1395  
 Delta R.T. -0.01 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 1064  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 62.1  | 16.5  | 24.7# |
| 150      | 0.0   | 10.2  | 15.2# |

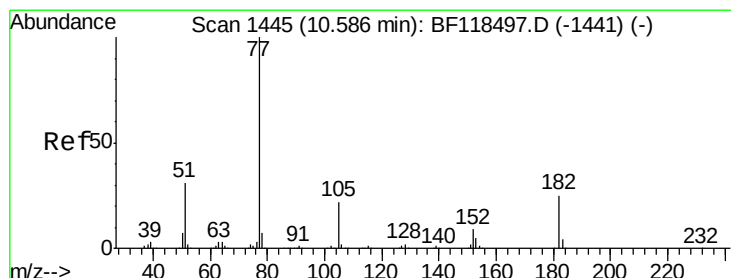
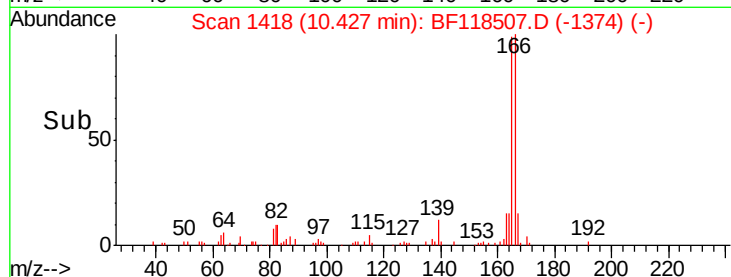
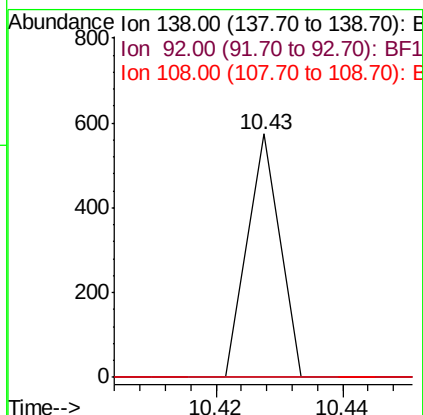
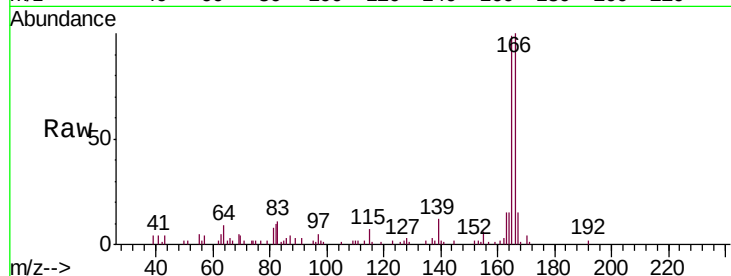




#62  
4-Nitroaniline  
Concen: 0.068 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. -0.04 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

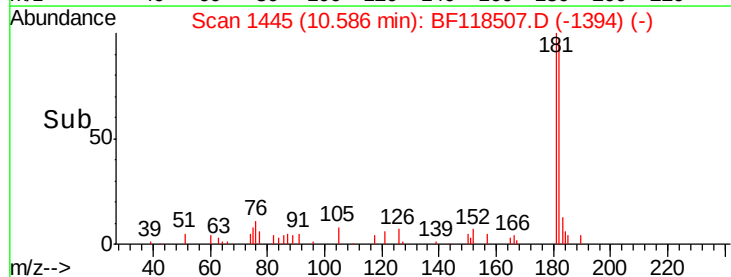
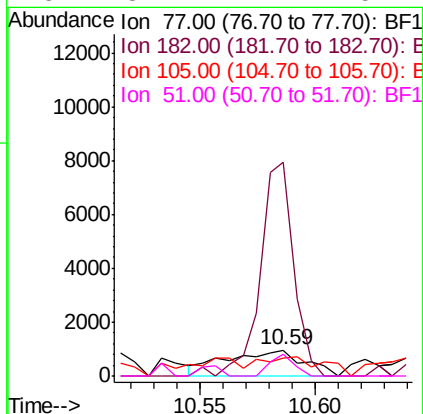
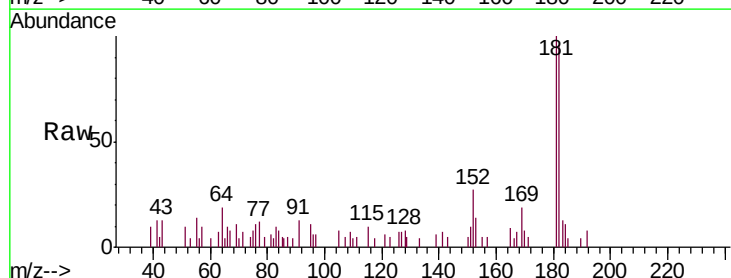
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

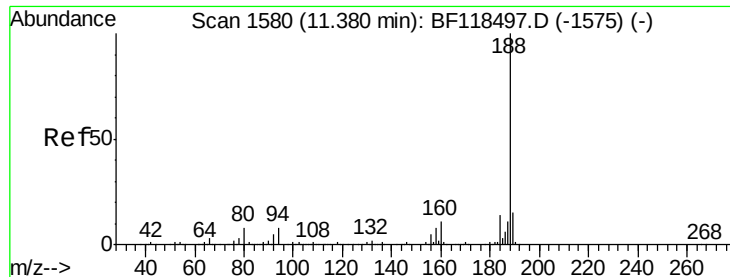
Tgt Ion: 138 Resp: 203  
Ion Ratio Lower Upper  
138 100  
92 0.0 27.9 67.9#  
108 0.0 64.7 104.7#



#63  
Azobenzene  
Concen: 0.217 ng  
RT: 10.59 min Scan# 1445  
Delta R.T. -0.00 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion: 77 Resp: 2270  
Ion Ratio Lower Upper  
77 100  
182 828.9 5.2 45.2#  
105 71.0 1.7 41.7#  
51 84.7 11.2 51.2#

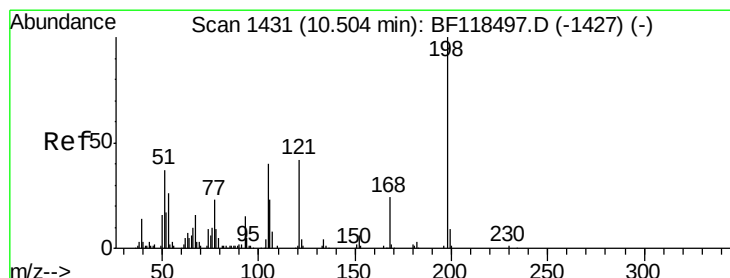
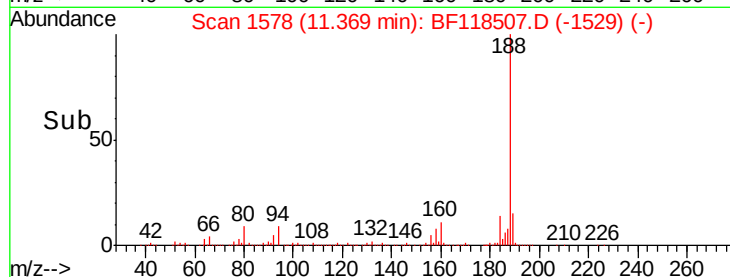
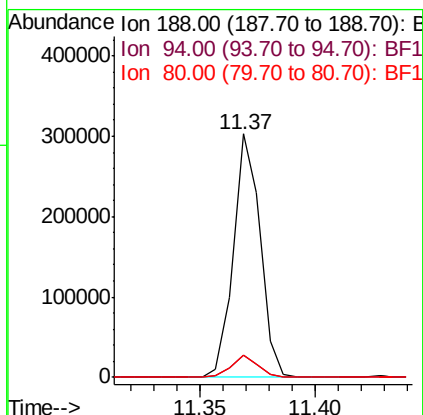
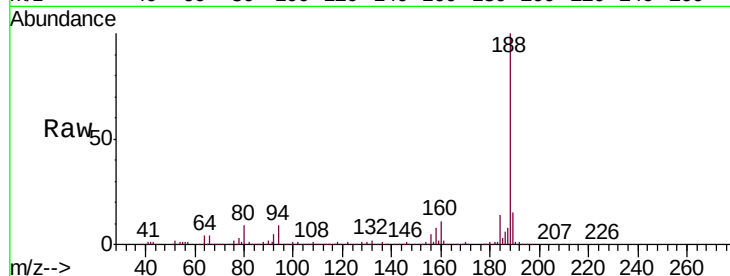




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.37 min Scan# 1578  
 Delta R.T. -0.01 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

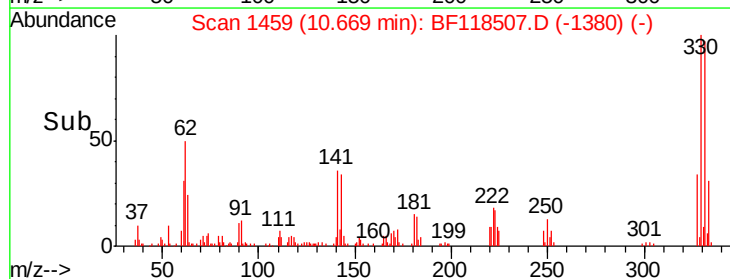
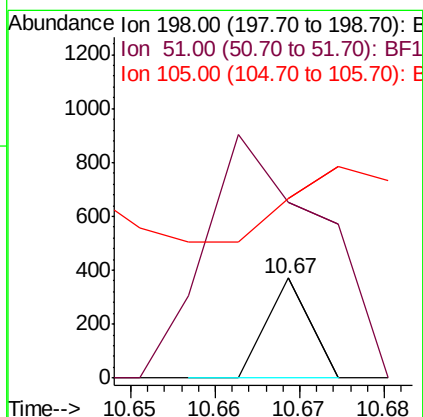
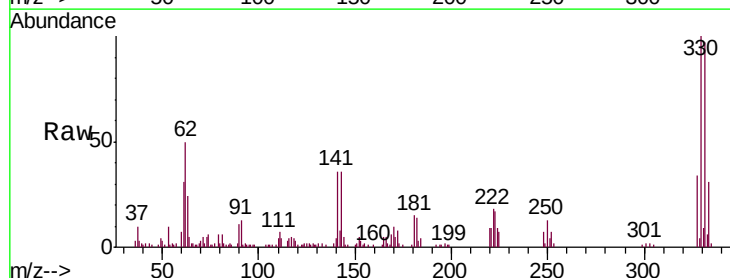
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

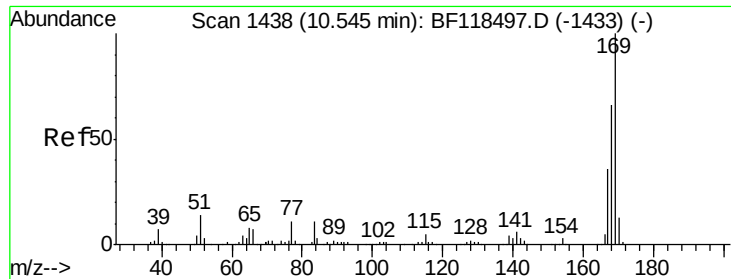
Tgt Ion:188 Resp: 246180  
 Ion Ratio Lower Upper  
 188 100  
 94 9.0 6.2 9.4  
 80 9.4 6.6 10.0



#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.101 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. 0.16 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

Tgt Ion:198 Resp: 131  
 Ion Ratio Lower Upper  
 198 100  
 51 175.7 17.8 57.8#  
 105 180.0 20.1 60.1#

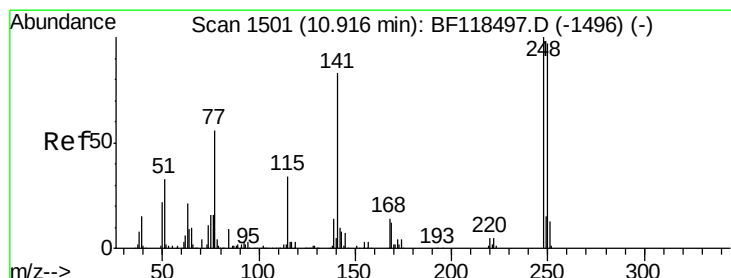
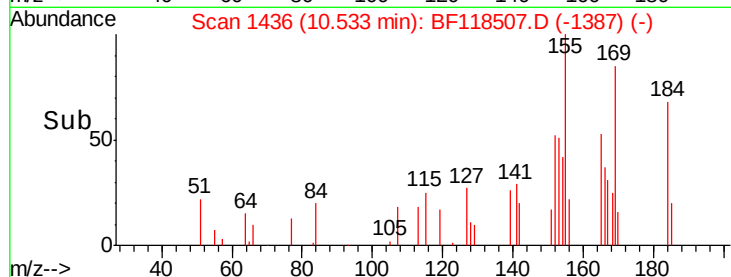
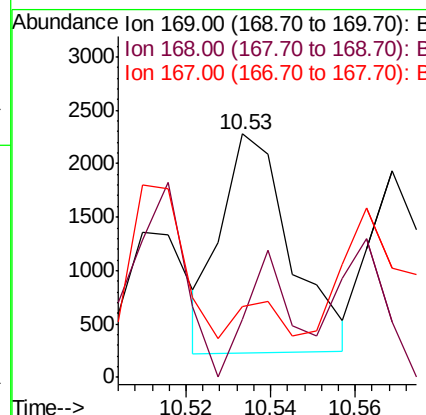
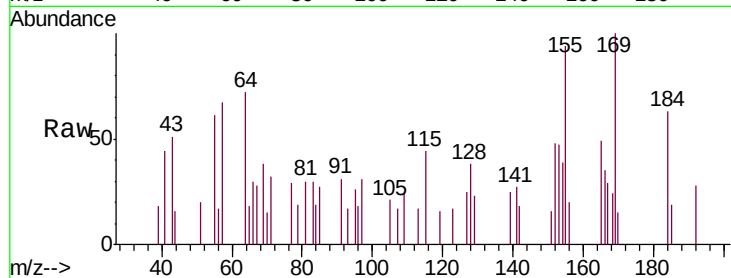




#66  
 n-Nitrosodiphenylamine  
 Concen: 0.290 ng  
 RT: 10.53 min Scan# 1436  
 Delta R.T. -0.01 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

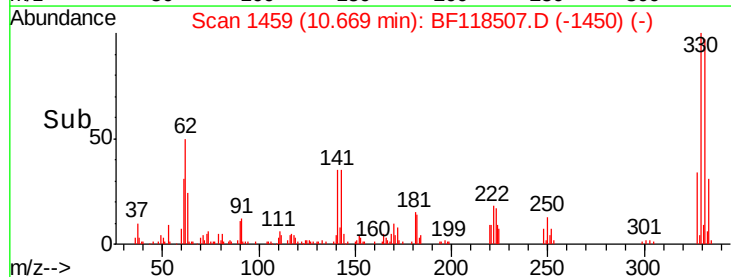
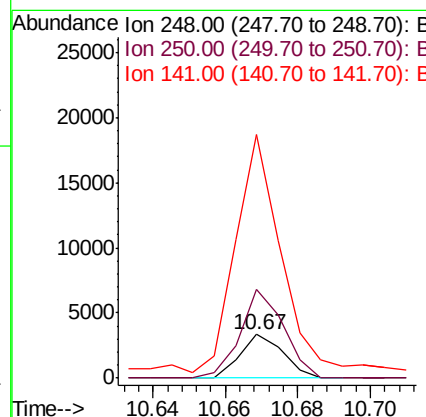
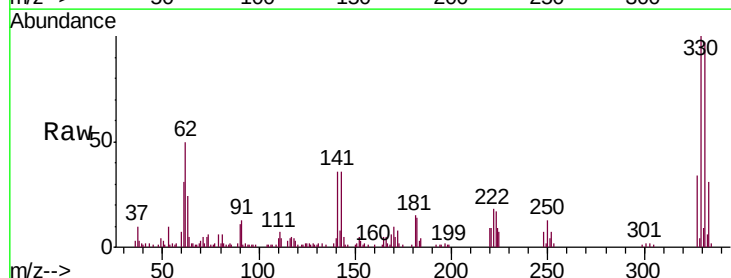
Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2

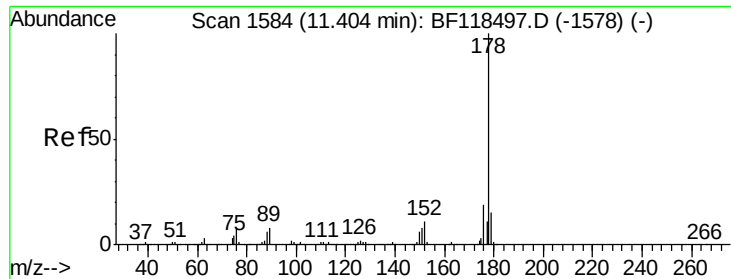
Tgt Ion:169 Resp: 2326  
 Ion Ratio Lower Upper  
 169 100  
 168 23.6 53.4 80.2#  
 167 29.2 28.9 43.3



#67  
 4-Bromophenyl-phenylether  
 Concen: 0.960 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.25 min  
 Lab File: BF118507.D  
 Acq: 8 Jan 2020 19:21

Tgt Ion:248 Resp: 2769  
 Ion Ratio Lower Upper  
 248 100  
 250 202.5 77.4 116.0#  
 141 556.7 66.2 99.4#





#71

Phenanthrene

Concen: 11.598 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

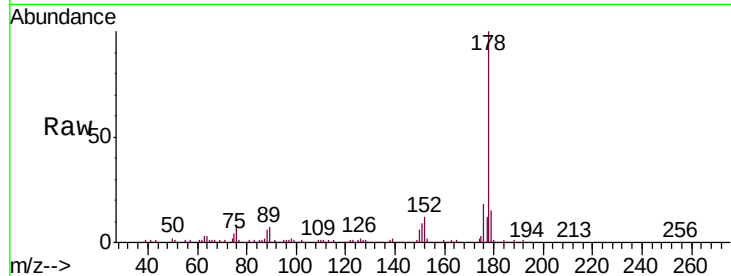
Tgt Ion:178 Resp: 159950

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

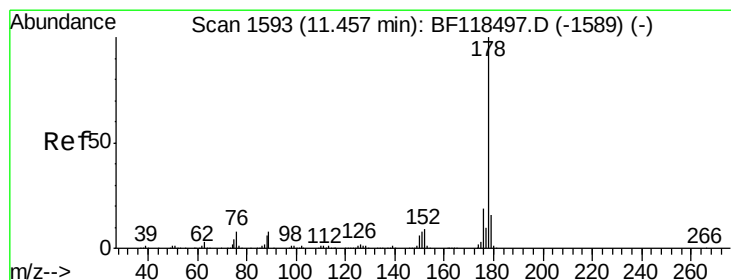
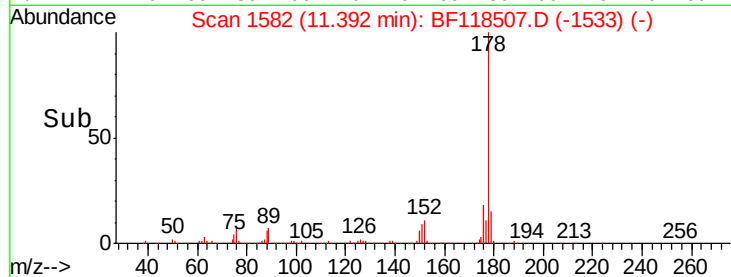
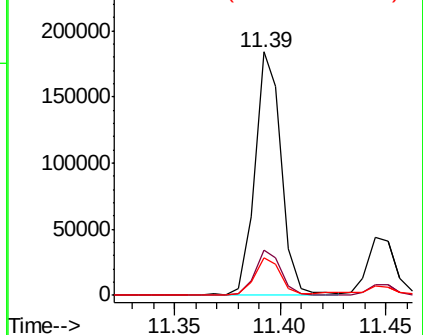
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.817 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

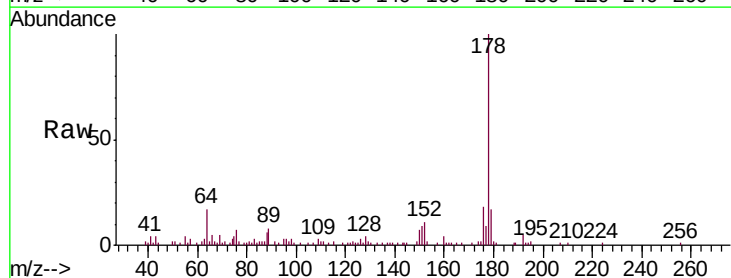
Tgt Ion:178 Resp: 38642

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

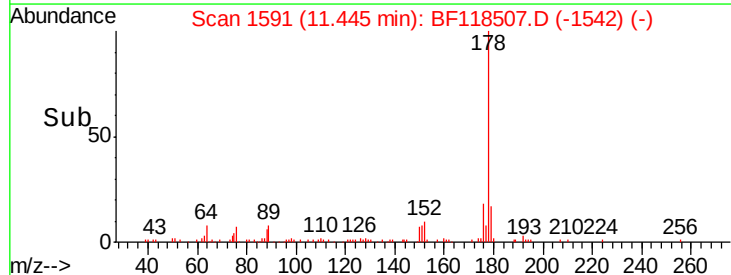
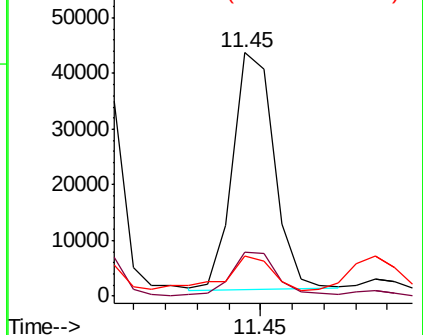
179 16.6 12.6 19.0

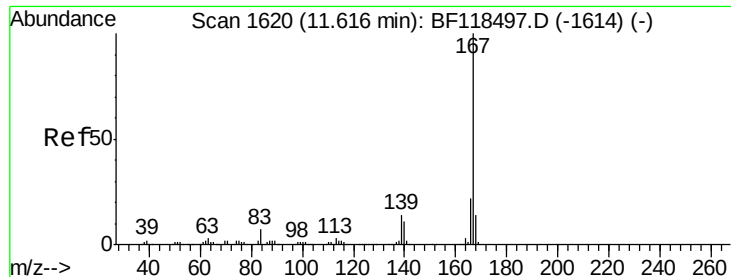


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.845 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

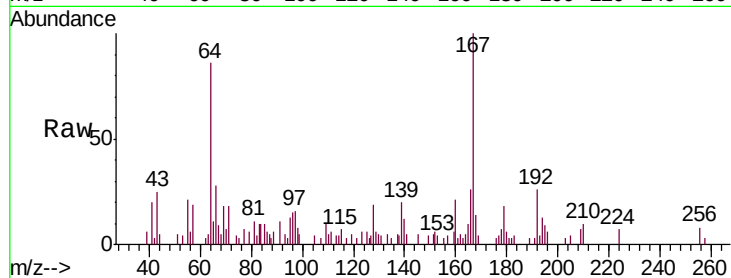
Tgt Ion:167 Resp: 10048

Ion Ratio Lower Upper

167 100

166 26.3 17.4 26.2#

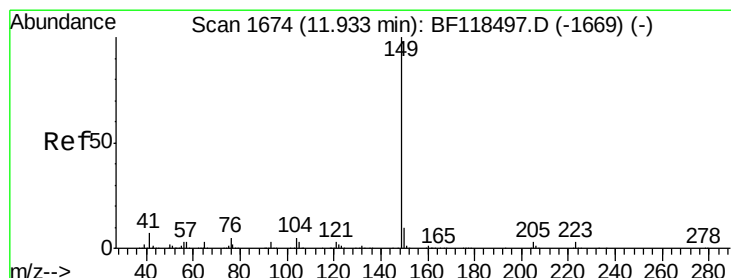
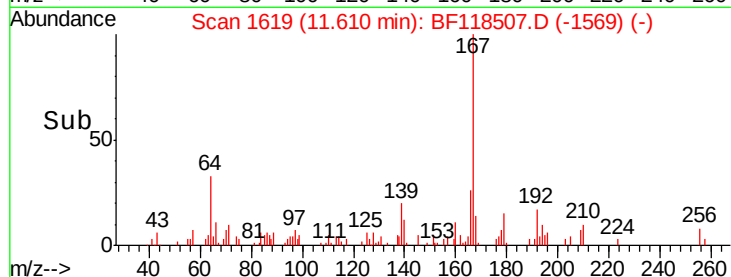
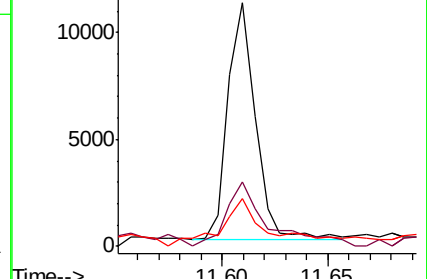
139 19.6 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.166 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

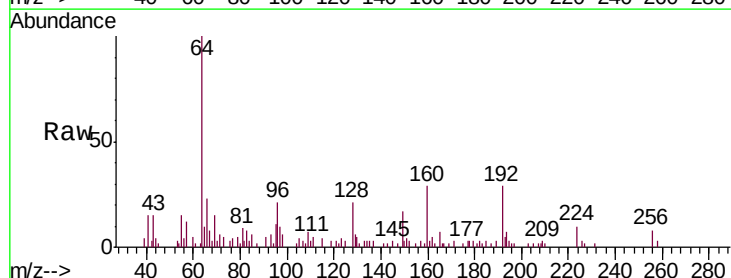
Tgt Ion:149 Resp: 2636

Ion Ratio Lower Upper

149 100

150 16.7 7.8 11.8#

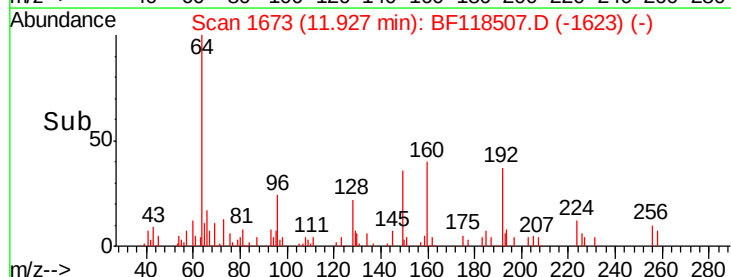
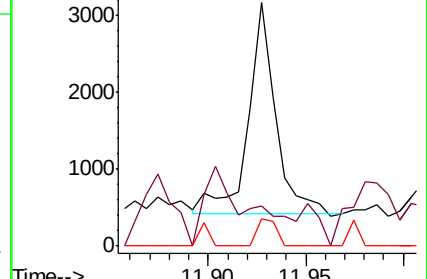
104 11.3 4.2 6.4#



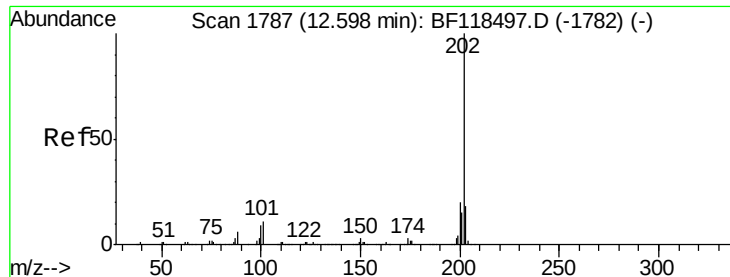
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#75

Fluoranthene

Concen: 16.940 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

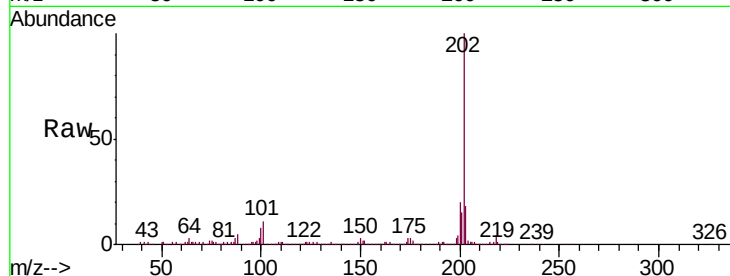
Instrument :

BNA\_F

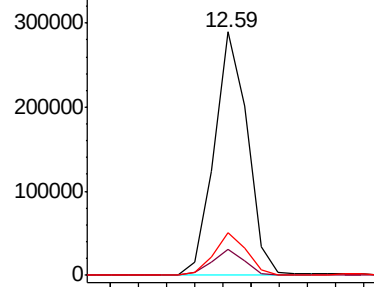
ClientSampleId :

TP-2

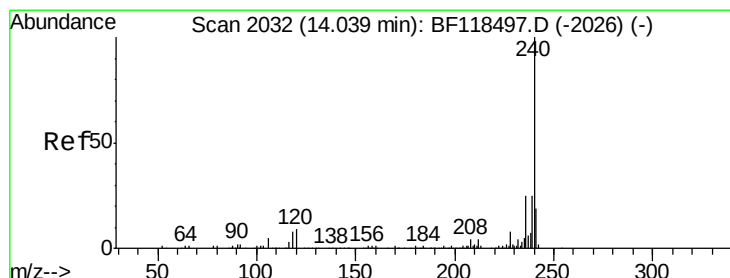
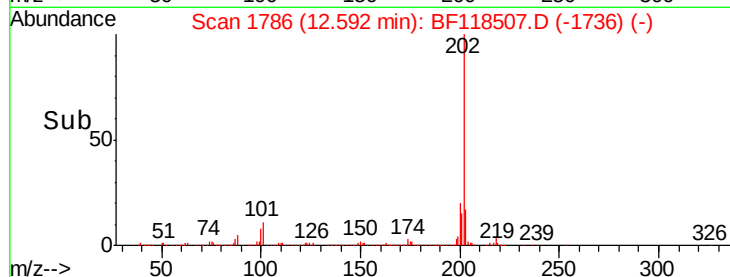
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 237449 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 10.5  | 0.0   | 31.4   |
| 203      | 17.5  | 0.0   | 38.1   |



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



Time--> 12.55 12.60



#76

Chrysene-d12

Concen: 20.000 ng

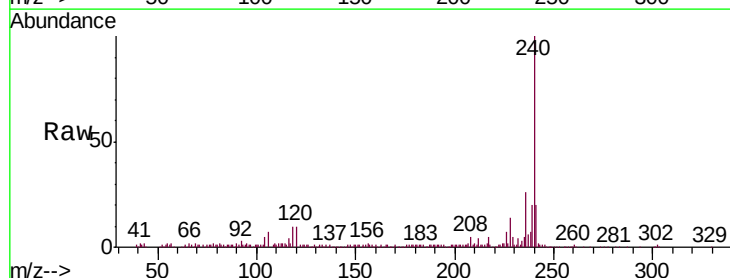
RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

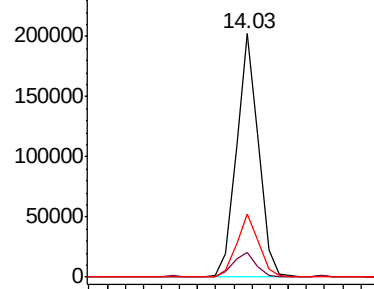
Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

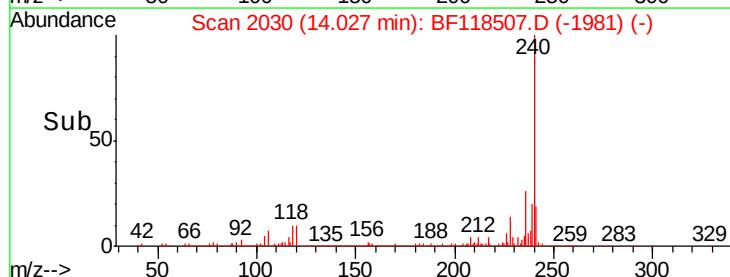
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 170279 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.0  | 7.0   | 10.6   |
| 236      | 25.9  | 20.1  | 30.1   |

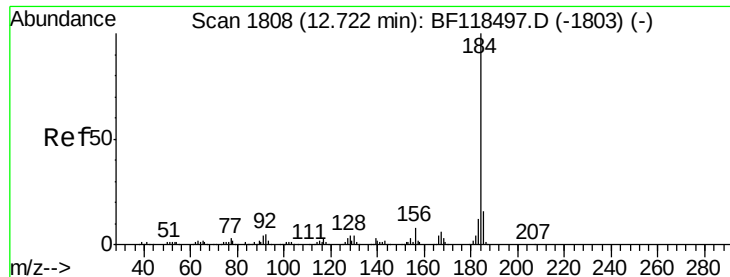


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time--> 13.95 14.05





#77

Benzidine

Concen: Below Cal

RT: 12.96 min Scan# 1849

Delta R.T. 0.24 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

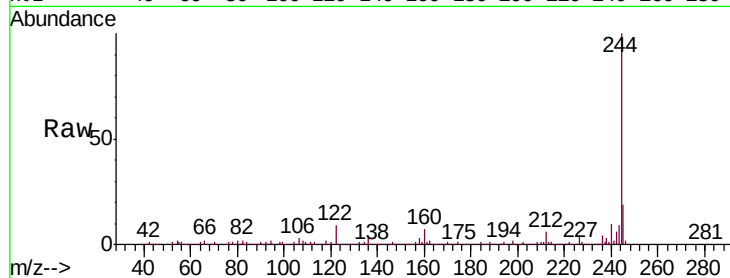
Tgt Ion:184 Resp: 9663

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

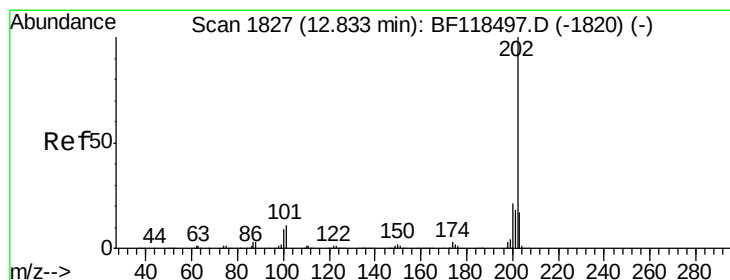
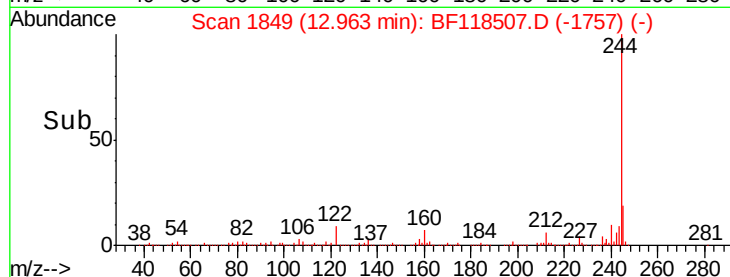
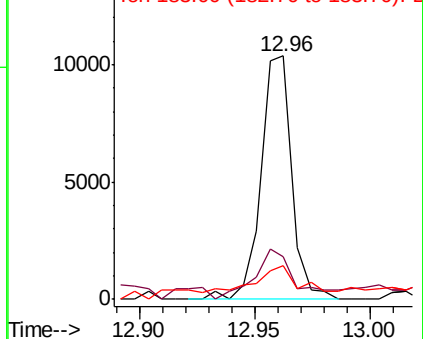
183 14.0 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 13.874 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

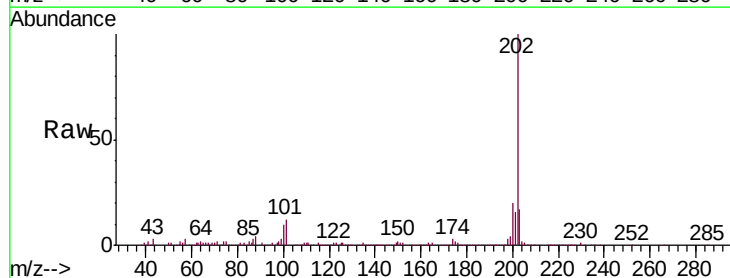
Tgt Ion:202 Resp: 194375

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

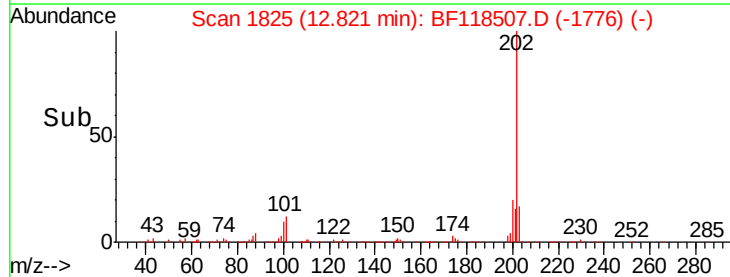
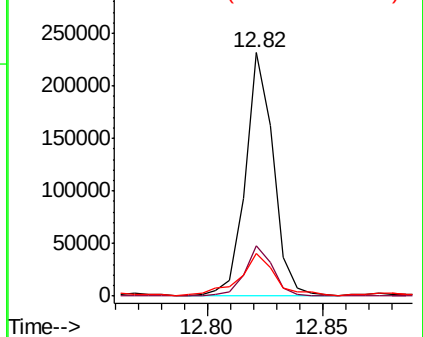
203 17.3 13.9 20.9

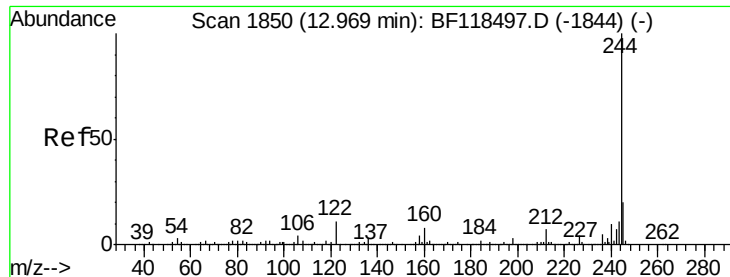


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.272 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

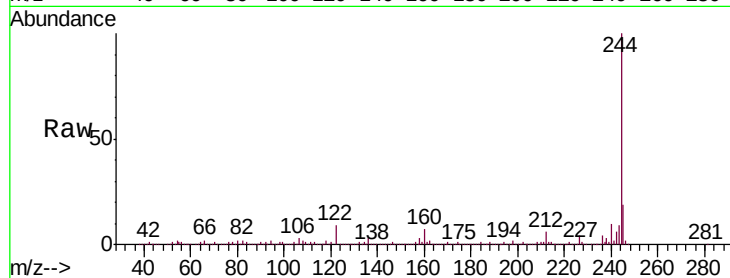
Tgt Ion:244 Resp: 636891

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

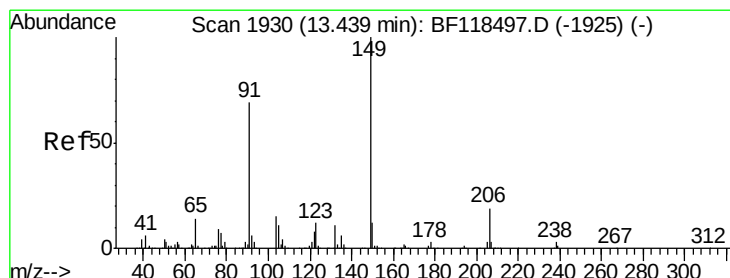
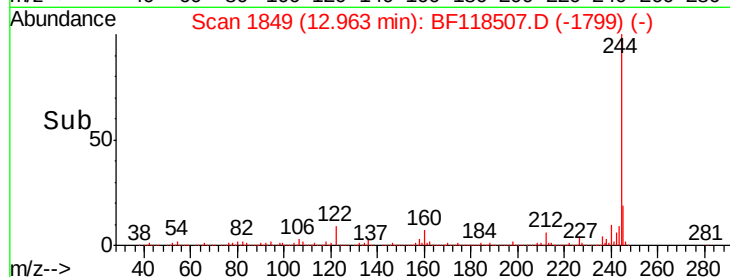
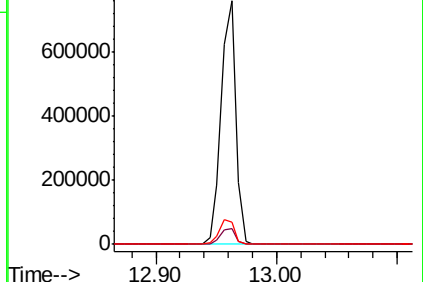
122 9.0 9.0 13.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.082 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

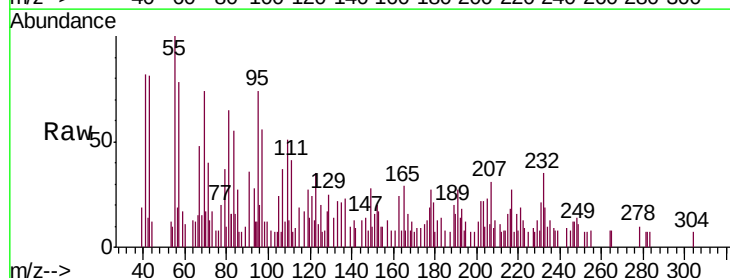
Tgt Ion:149 Resp: 528

Ion Ratio Lower Upper

149 100

91 131.2 55.2 82.8#

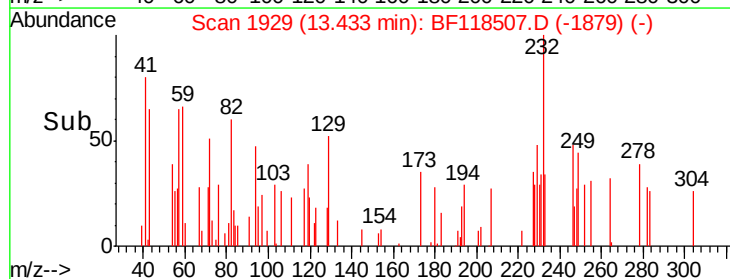
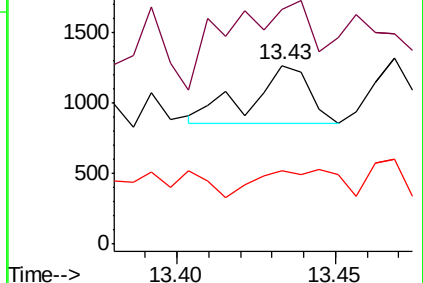
206 41.0 15.1 22.7#

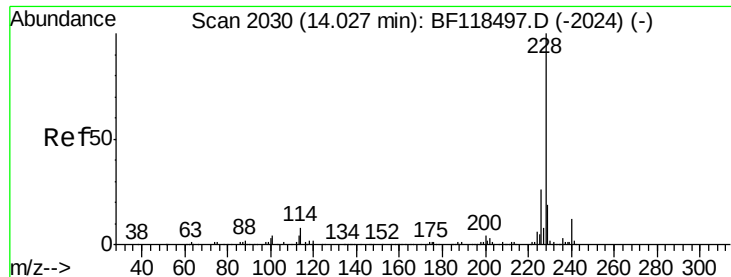


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

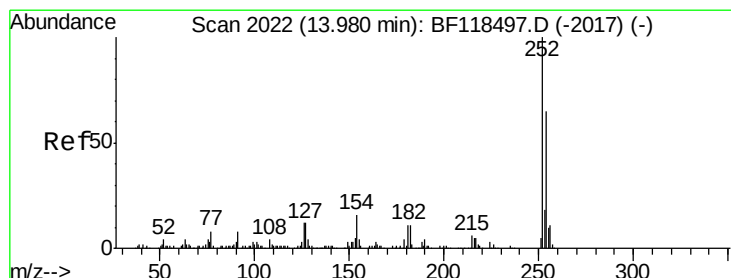
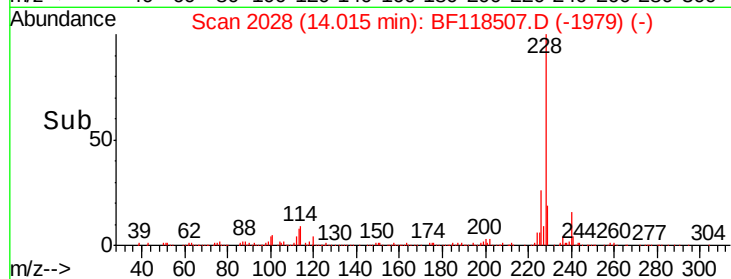
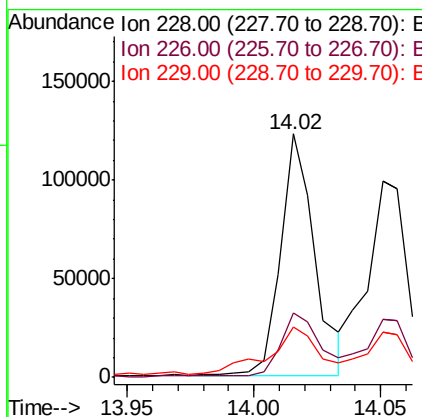
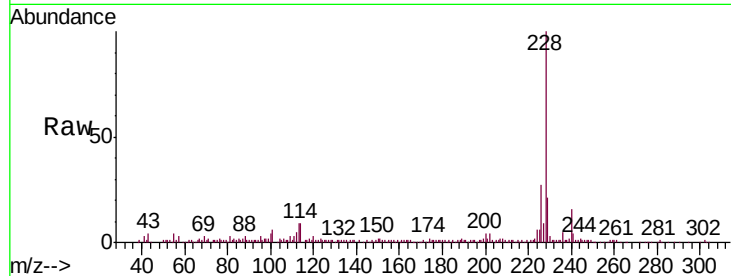




#81  
Benzo(a)anthracene  
Concen: 9.601 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

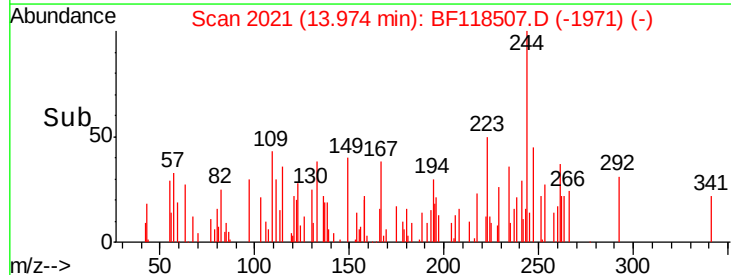
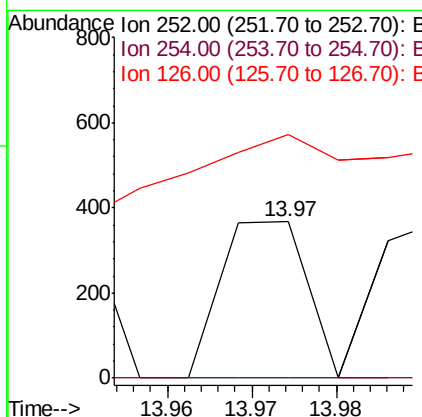
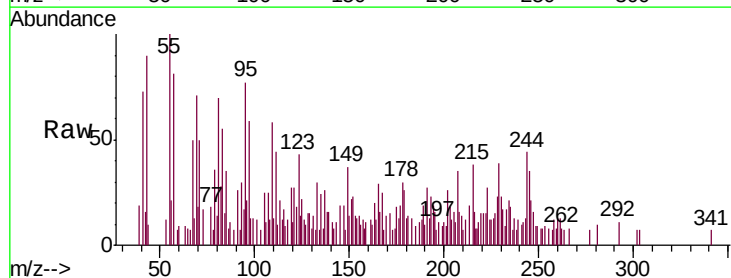
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

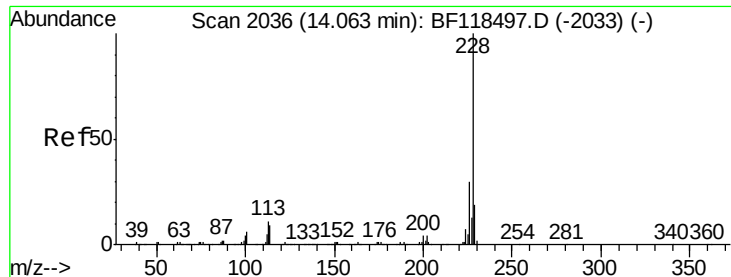
Tgt Ion:228 Resp: 114437  
Ion Ratio Lower Upper  
228 100  
226 26.5 20.7 31.1  
229 20.8 15.4 23.2



#82  
3,3'-Dichlorobenzidine  
Concen: 0.067 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion:252 Resp: 258  
Ion Ratio Lower Upper  
252 100  
254 0.0 52.1 78.1#  
126 155.9 9.6 14.4#

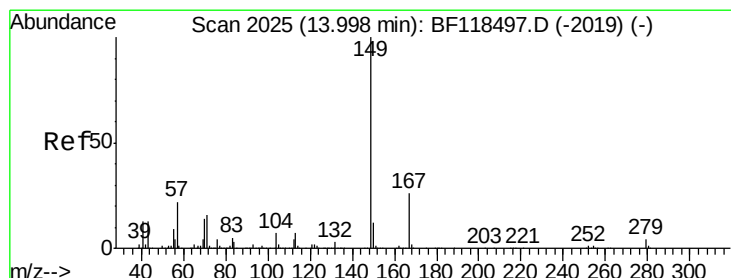
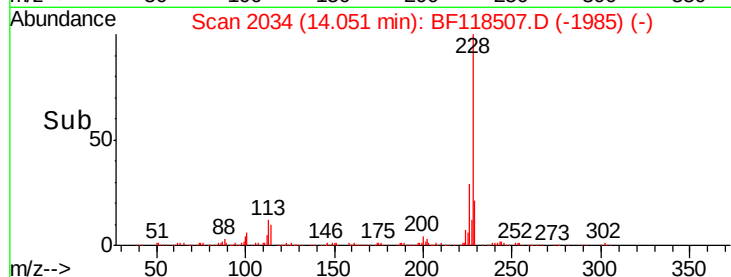
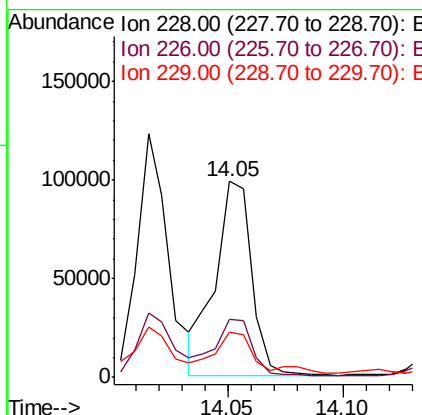
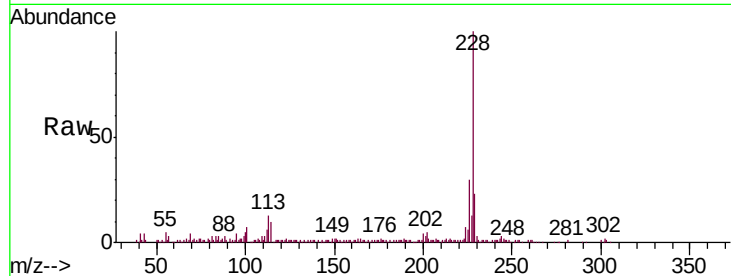




#83  
Chrysene  
Concen: 9.341 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

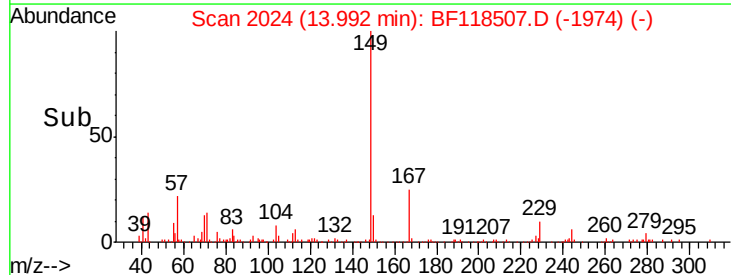
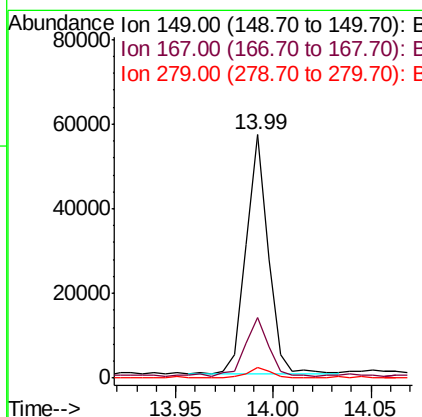
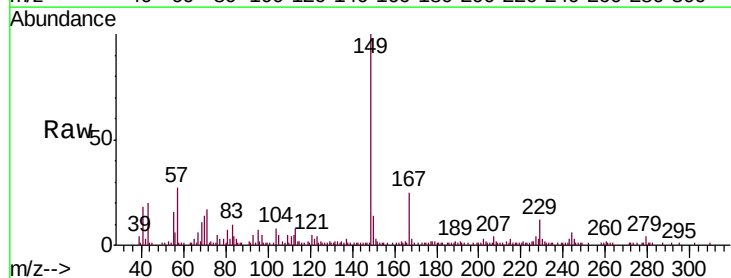
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

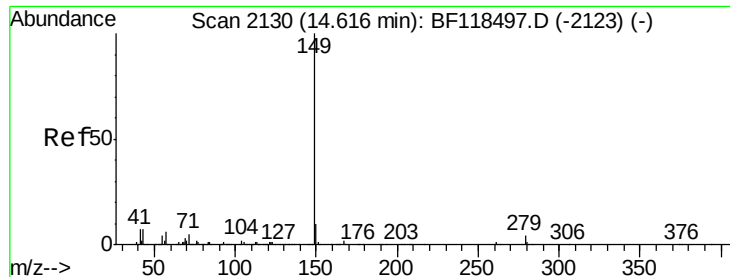
Tgt Ion: 228 Resp: 108186  
Ion Ratio Lower Upper  
228 100  
226 29.6 23.6 35.4  
229 23.1 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.115 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion: 149 Resp: 44560  
Ion Ratio Lower Upper  
149 100  
167 25.0 20.6 30.8  
279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 0.049 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.03 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

Instrument :

BNA\_F

ClientSampleId :

TP-2

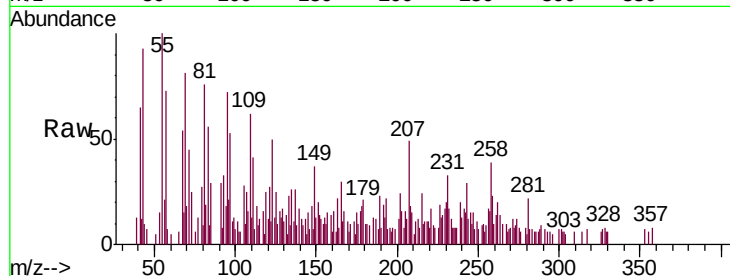
Tgt Ion:149 Resp: 610

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

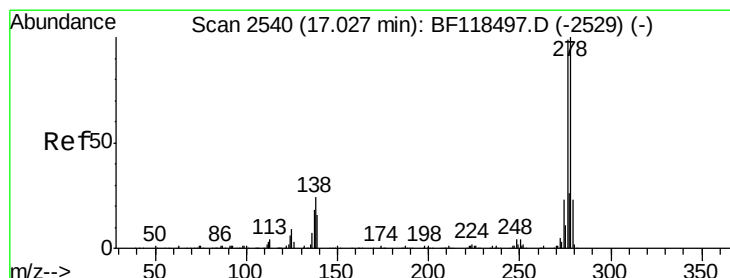
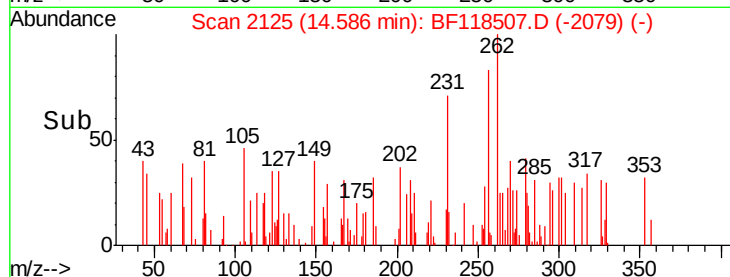
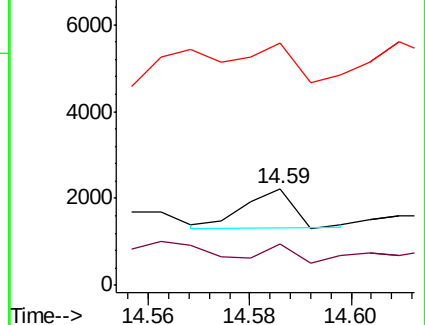
43 248.9 6.4 9.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.751 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF118507.D

Acq: 8 Jan 2020 19:21

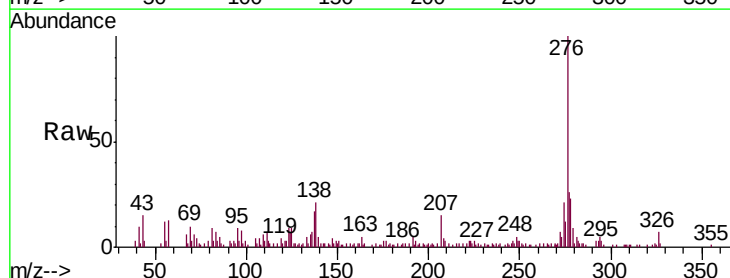
Tgt Ion:276 Resp: 53625

Ion Ratio Lower Upper

276 100

138 22.2 19.0 28.4

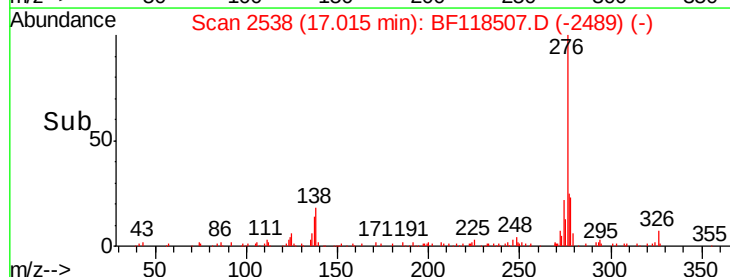
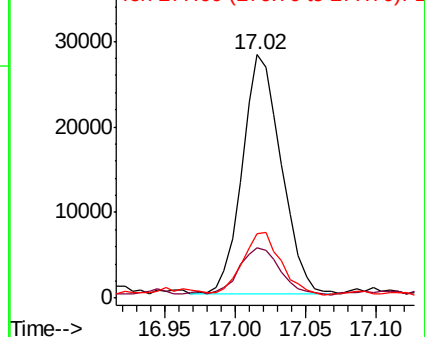
277 25.5 20.5 30.7

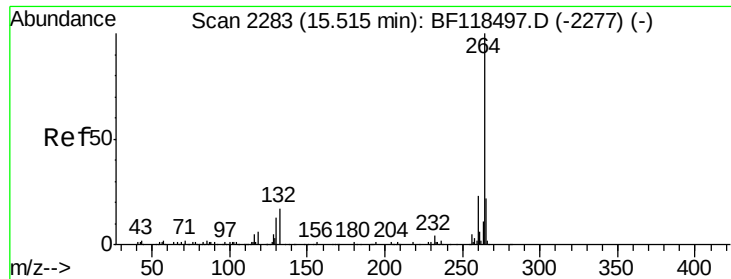


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

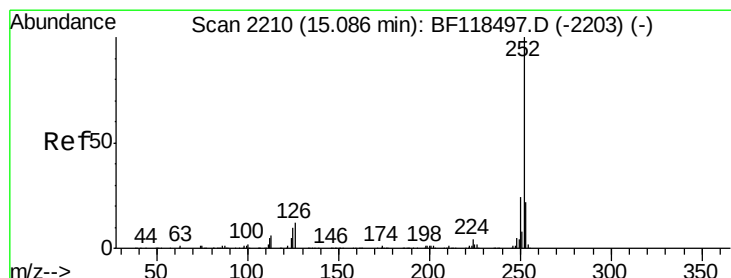
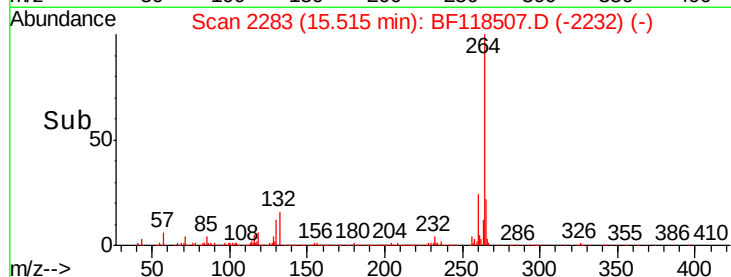
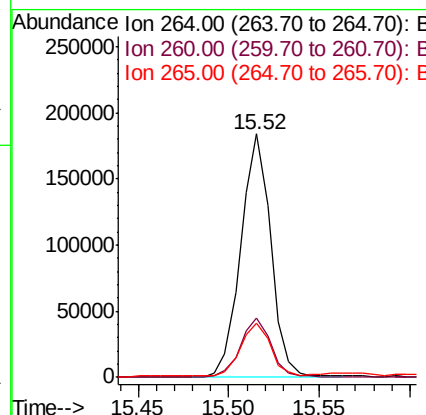
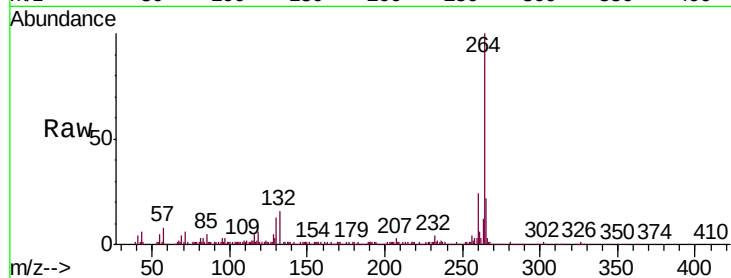




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.52 min Scan# 2283  
Delta R.T. -0.00 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

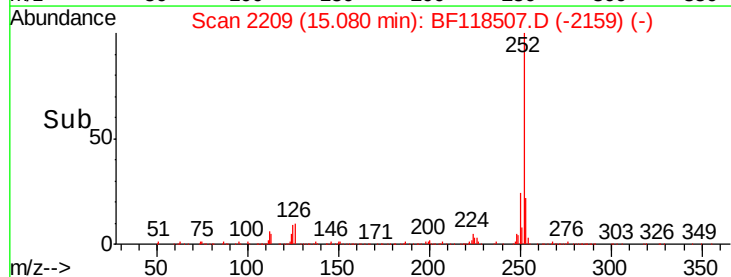
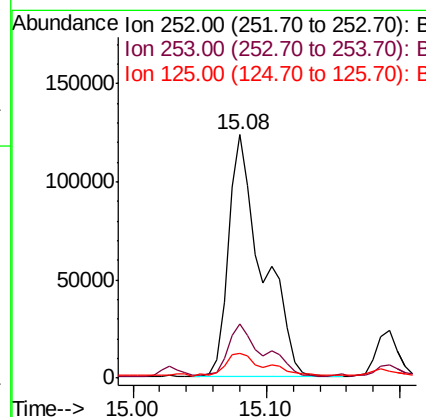
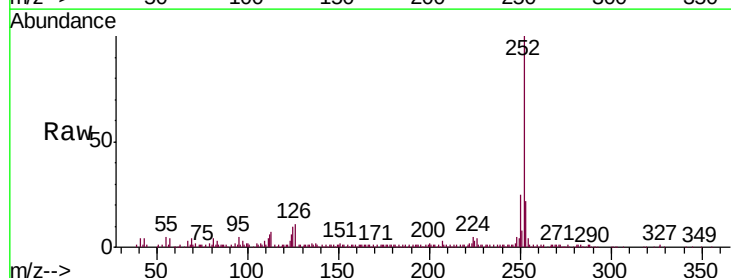
Instrument :  
BNA\_F  
ClientSampled :  
TP-2

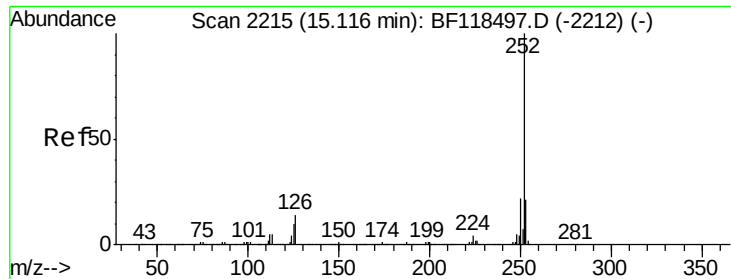
Tgt Ion:264 Resp: 212232  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.8 28.2  
265 22.4 17.5 26.3



#88  
Benzo(b)fluoranthene  
Concen: 14.216 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion:252 Resp: 218128  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 10.2 7.8 11.6

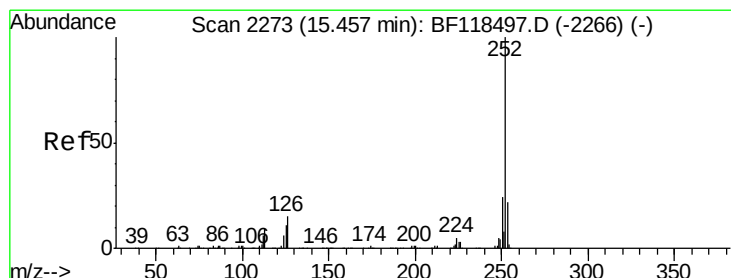
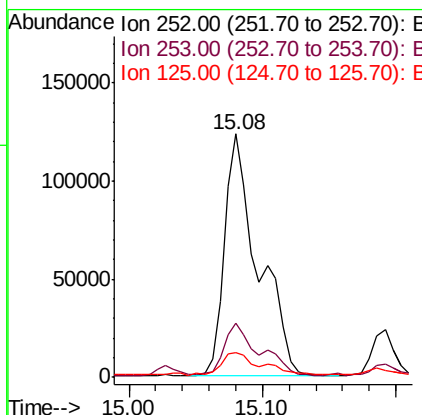
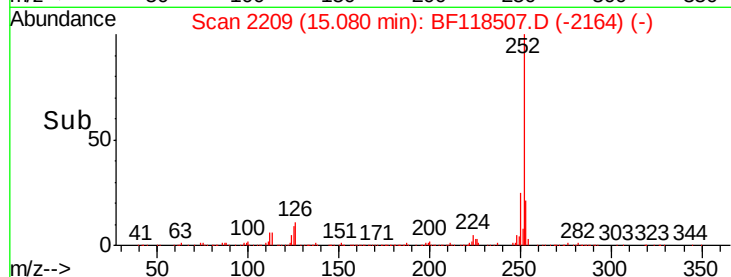
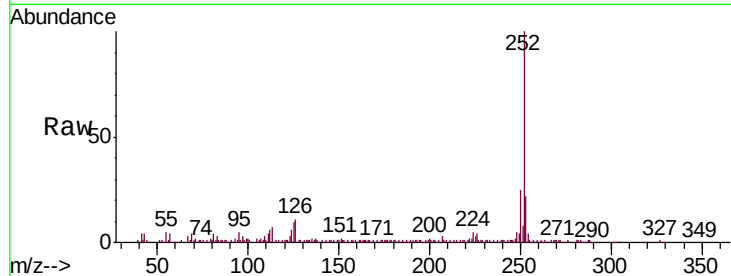




#89  
Benzo(k)fluoranthene  
Concen: 14.893 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. -0.04 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

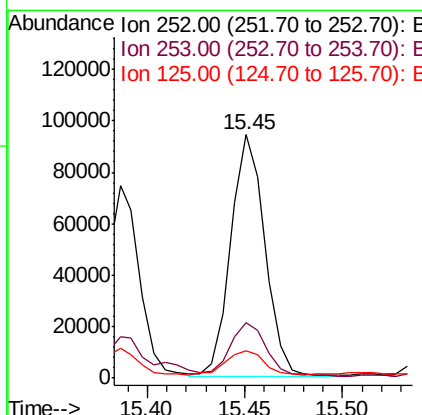
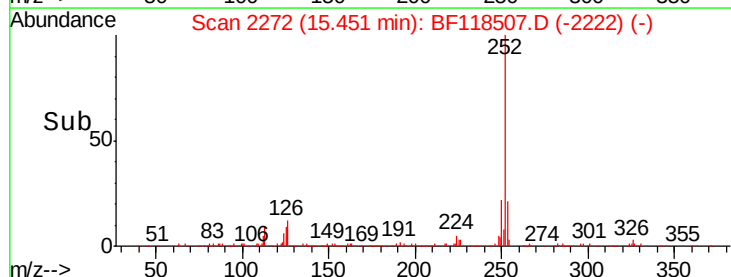
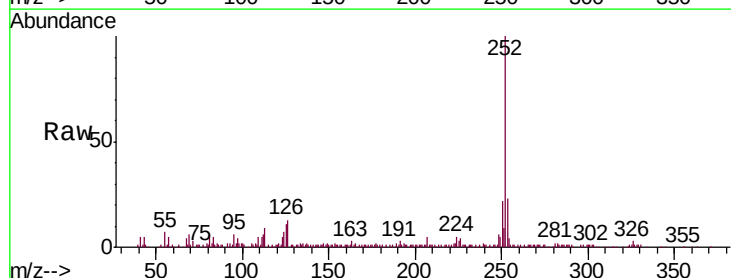
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Tgt Ion:252 Resp: 218128  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.0 25.4  
125 10.2 7.8 11.6

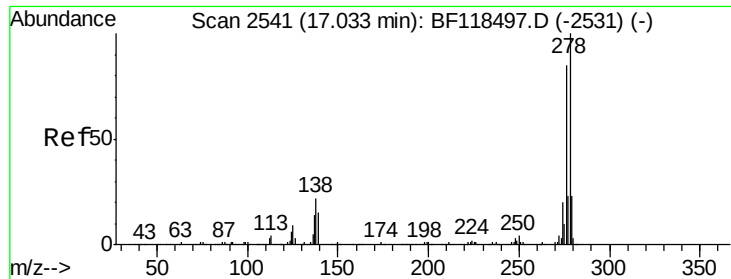


#90  
Benzo(a)pyrene  
Concen: 9.037 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion:252 Resp: 113636  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.7 26.5  
125 11.2 9.0 13.6



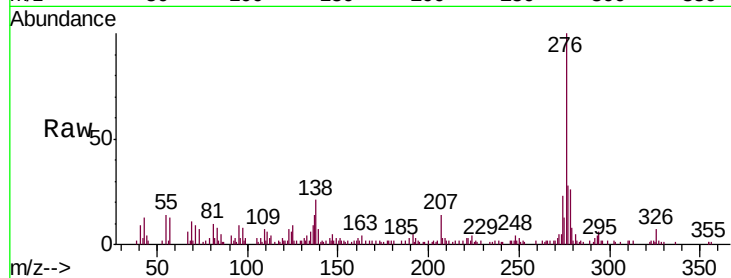




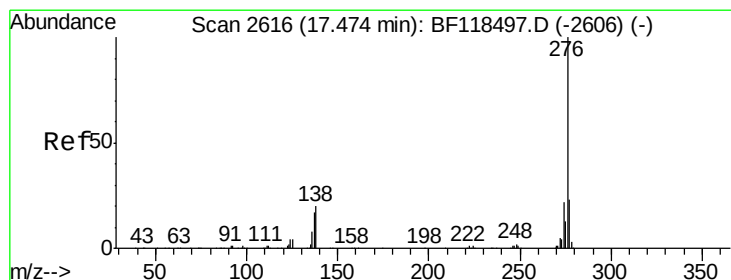
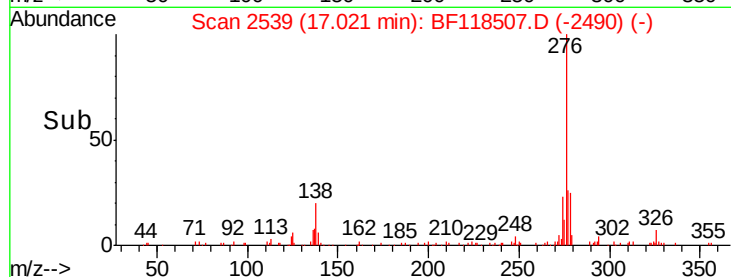
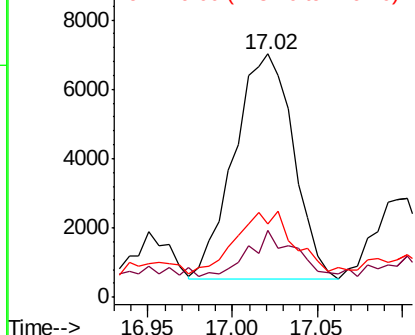
#91  
Dibenzo(a,h)anthracene  
Concen: 1.338 ng  
RT: 17.02 min Scan# 2539  
Delta R.T. -0.01 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Tgt Ion: 278 Resp: 15773  
Ion Ratio Lower Upper  
278 100  
139 27.3 11.9 17.9#  
279 30.1 18.6 27.8#

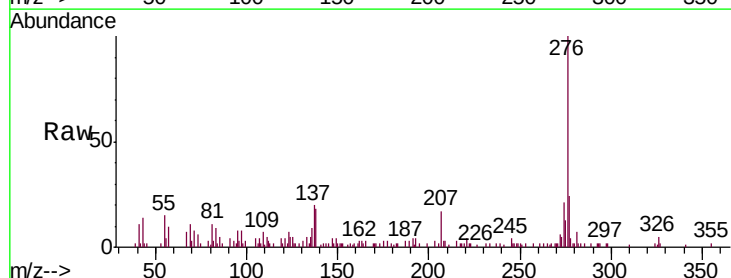


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 4.142 ng  
RT: 17.47 min Scan# 2616  
Delta R.T. -0.00 min  
Lab File: BF118507.D  
Acq: 8 Jan 2020 19:21

Tgt Ion: 276 Resp: 46271  
Ion Ratio Lower Upper  
276 100  
277 24.3 18.2 27.4  
138 17.8 16.3 24.5



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

