

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF031820\  
 Data File : BF119423.D  
 Acq On : 18 Mar 2020 19:01  
 Operator : CG/JU  
 Sample : L1942-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-SA

Quant Time: Mar 19 01:18:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 15:11:18 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 355013   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 1337291  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 676503   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.39 | 188  | 1203341  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.03 | 240  | 712096   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.50 | 264  | 633227   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 1981945 | 88.87 | ng | 0.01 |
| 7) Phenol-d6             | 6.47  | 99  | 2522043 | 88.53 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.42  | 82  | 1558746 | 63.35 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 624863  | 89.53 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.22  | 172 | 2634892 | 57.70 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.97 | 244 | 2511483 | 69.10 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.60 | 88  | 396     | 0.04  | ng | # 1    |
| 3) Pyridine                    | 3.42 | 79  | 129     | 0.00  | ng | # 1    |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 390     | 0.03  | ng | # 1    |
| 6) Aniline                     | 6.47 | 93  | 126     | 0.00  | ng | # 1    |
| 9) Benzaldehyde                | 6.40 | 77  | 1537    | 0.09  | ng | 83     |
| 10) Phenol                     | 6.48 | 94  | 10006   | 0.33  | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 428     | 0.02  | ng | # 15   |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146 | 423     | 0.02  | ng | # 68   |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 423     | 0.02  | ng | # 76   |
| 14) 1,2-Dichlorobenzene        | 7.01 | 146 | 376     | 0.02  | ng | # 1    |
| 15) Benzyl Alcohol             | 7.01 | 79  | 26811   | 1.25  | ng | # 45   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 122     | 0.00  | ng | 75     |
| 17) 2-Methylphenol             | 7.09 | 107 | 107     | 0.00  | ng | # 11   |
| 18) Hexachloroethane           | 7.43 | 117 | 865     | 0.09  | ng | # 3    |
| 19) n-Nitroso-di-n-propylamine | 7.42 | 70  | 208228  | 12.13 | ng | # 75   |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 442     | 0.02  | ng | # 41   |
| 22) Acetophenone               | 7.26 | 105 | 791     | 0.02  | ng | # 28   |
| 24) Nitrobenzene               | 7.42 | 77  | 4719    | 0.18  | ng | # 34   |
| 25) Isophorone                 | 7.42 | 82  | 1557475 | 31.20 | ng | # 66   |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 617     | 0.03  | ng | # 3    |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 776     | 0.03  | ng | # 49   |
| 31) Naphthalene                | 8.16 | 128 | 2329    | 0.03  | ng | # 68   |
| 32) Benzoic acid               | 7.80 | 122 | 617     | 0.04  | ng | # 58   |
| 33) 4-Chloroaniline            | 8.16 | 127 | 135     | 0.00  | ng | # 34   |
| 35) Caprolactam                | 8.52 | 113 | 261     | 0.04  | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 128     | 0.01  | ng | # 19   |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 560     | 0.01  | ng | # 35   |
| 38) 1-Methylnaphthalene        | 8.96 | 142 | 611     | 0.01  | ng | # 56   |
| 46) 1,1'-Biphenyl              | 9.32 | 154 | 9000    | 0.16  | ng | 94     |
| 47) 2-Chloronaphthalene        | 9.61 | 162 | 4365    | 0.10  | ng | # 1    |
| 48) 2-Nitroaniline             | 9.33 | 65  | 352     | 0.02  | ng | # 9    |
| 49) Acenaphthylene             | 9.76 | 152 | 3500    | 0.05  | ng | # 92   |
| 50) Dimethylphthalate          | 9.61 | 163 | 604144  | 12.57 | ng | 100    |
| 51) 2,6-Dinitrotoluene         | 9.61 | 165 | 7101    | 0.69  | ng | # 14   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF031820\  
 Data File : BF119423.D  
 Acq On : 18 Mar 2020 19:01  
 Operator : CG/JU  
 Sample : L1942-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-SA

Quant Time: Mar 19 01:18:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 15:11:18 2020  
 Response via : Initial Calibration

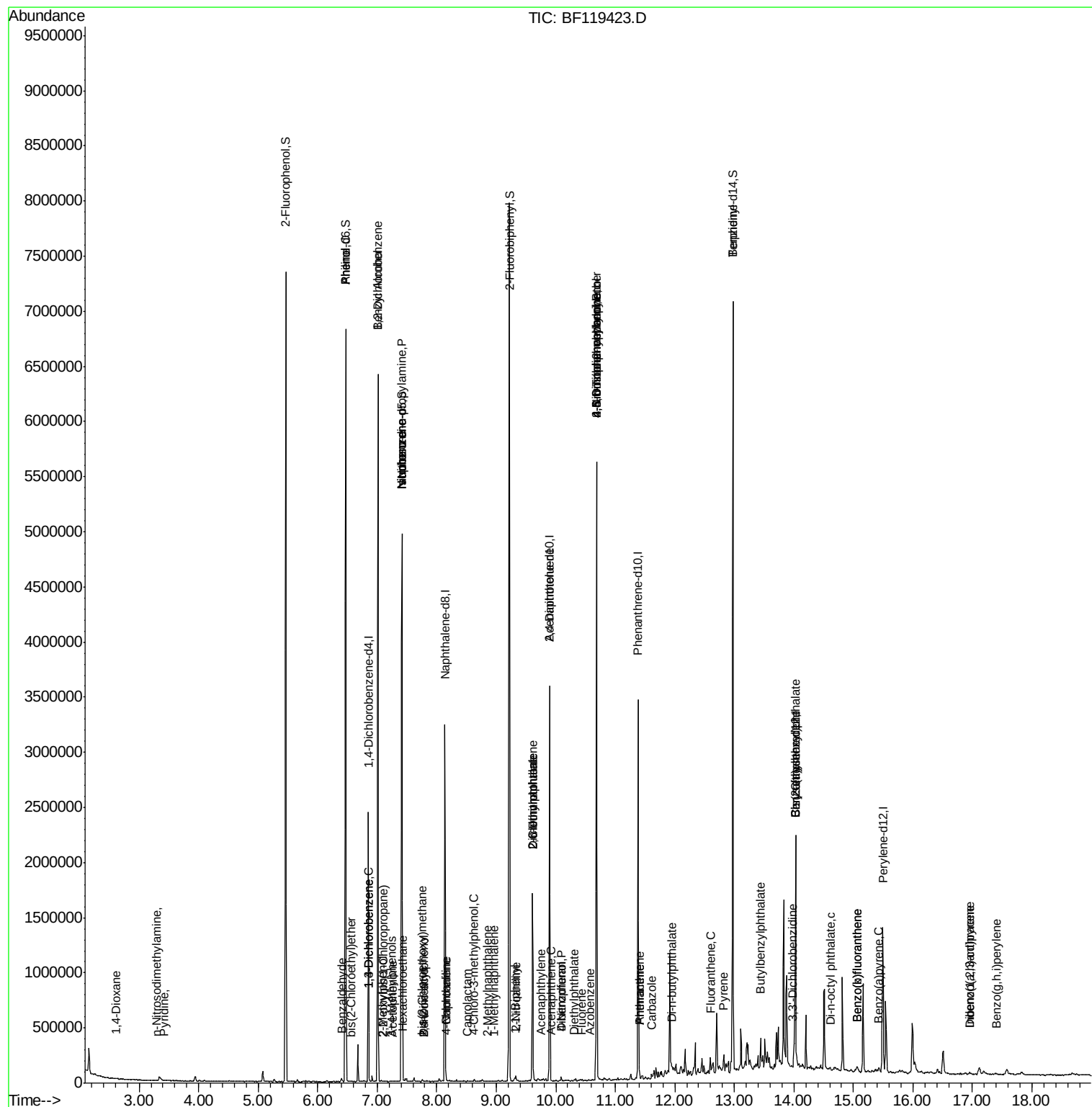
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 52) Acenaphthene               | 9.93  | 154  | 1681     | 0.04 | ng    | # 88     |
| 55) Dibenzofuran               | 10.10 | 168  | 1999     | 0.03 | ng    | # 78     |
| 56) 4-Nitrophenol              | 10.10 | 139  | 674      | 0.07 | ng    | # 8      |
| 57) 2,4-Dinitrotoluene         | 9.90  | 165  | 88078    | 6.79 | ng    | # 25     |
| 58) Fluorene                   | 10.45 | 166  | 1543     | 0.03 | ng    | # 94     |
| 60) Diethylphthalate           | 10.32 | 149  | 1296     | 0.03 | ng    | # 74     |
| 63) Azobenzene                 | 10.58 | 77   | 829      | 0.02 | ng    | # 9      |
| 65) 4,6-Dinitro-2-methylphenol | 10.69 | 198  | 1333     | 0.26 | ng    | # 1      |
| 66) n-Nitrosodiphenylamine     | 10.69 | 169  | 20349    | 0.52 | ng    | # 45     |
| 67) 4-Bromophenyl-phenylether  | 10.69 | 248  | 38405    | 2.80 | ng    | # 1      |
| 71) Phenanthrene               | 11.41 | 178  | 30026    | 0.48 | ng    | 98       |
| 72) Anthracene                 | 11.41 | 178  | 30026    | 0.47 | ng    | 98       |
| 73) Carbazole                  | 11.61 | 167  | 3132     | 0.05 | ng    | # 85     |
| 74) Di-n-butylphthalate        | 11.95 | 149  | 6298     | 0.09 | ng    | # 91     |
| 75) Fluoranthene               | 12.60 | 202  | 51232    | 0.76 | ng    | 97       |
| 77) Benzidine                  | 12.97 | 184  | 31336    | 1.04 | ng    | # 95     |
| 78) Pyrene                     | 12.83 | 202  | 46667    | 0.80 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.44 | 149  | 567      | 0.02 | ng    | # 1      |
| 81) Benzo(a)anthracene         | 14.02 | 228  | 23316    | 0.50 | ng    | # 91     |
| 82) 3,3'-Dichlorobenzidine     | 13.98 | 252  | 941      | 0.05 | ng    | # 27     |
| 83) Chrysene                   | 14.02 | 228  | 23316    | 0.49 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 3831     | 0.14 | ng    | # 82     |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1161     | 0.02 | ng    | # 71     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.95 | 276  | 10405    | 0.23 | ng    | # 88     |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 29867    | 0.71 | ng    | # 89     |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 29867    | 0.74 | ng    | # 90     |
| 90) Benzo(a)pyrene             | 15.43 | 252  | 17245    | 0.45 | ng    | # 89     |
| 91) Dibenzo(a,h)anthracene     | 16.96 | 278  | 2021     | 0.06 | ng    | # 66     |
| 92) Benzo(g,h,i)perylene       | 17.40 | 276  | 9986     | 0.30 | ng    | 91       |

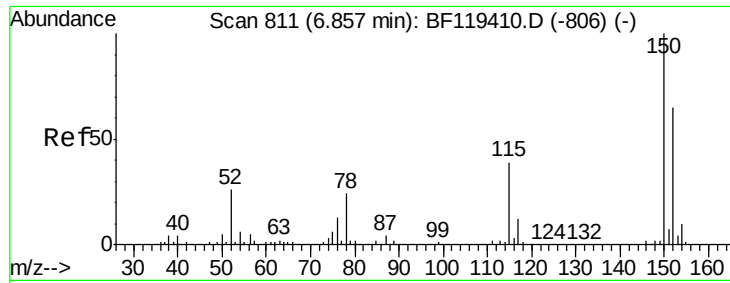
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF031820\  
 Data File : BF119423.D  
 Acq On : 18 Mar 2020 19:01  
 Operator : CG/JU  
 Sample : L1942-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-10-SA

Quant Time: Mar 19 01:18:35 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 15:11:18 2020  
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

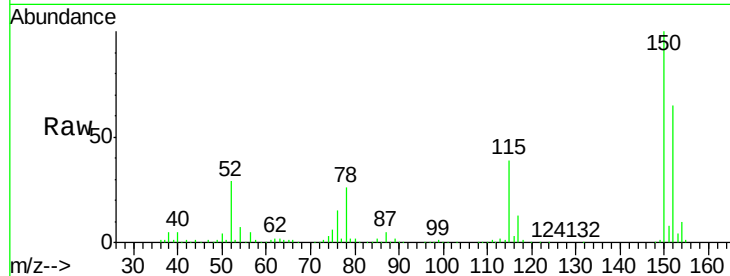
Tgt Ion: 152 Resp: 355013

Ion Ratio Lower Upper

152 100

150 154.1 123.9 185.9

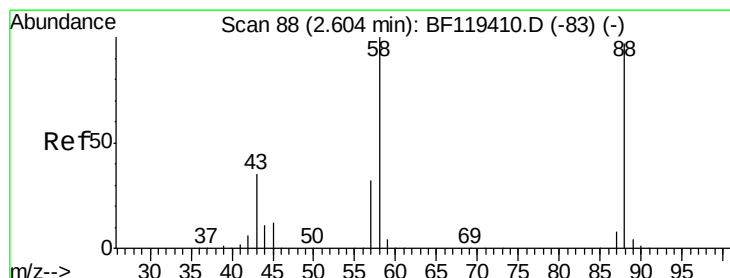
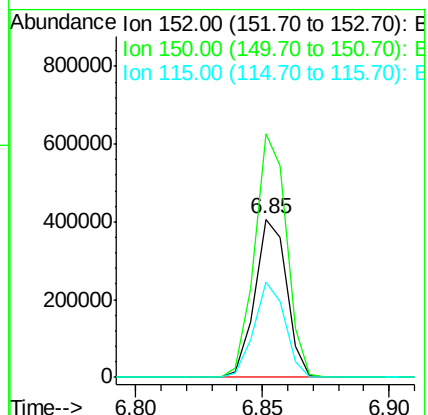
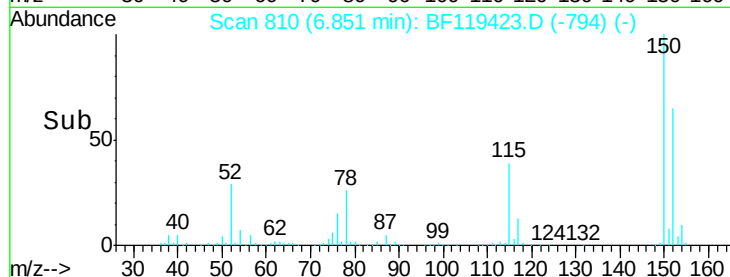
115 60.3 47.8 71.6



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: 0.04 ng

RT: 2.60 min Scan# 88

Delta R.T. -0.00 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

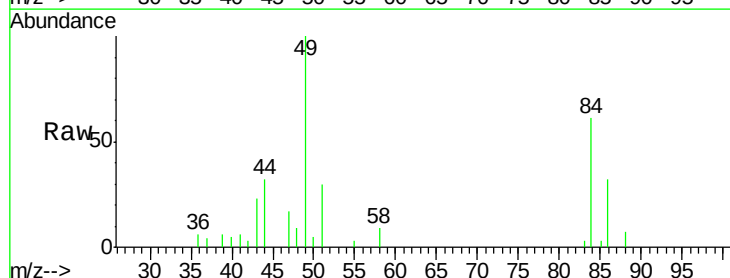
Tgt Ion: 88 Resp: 396

Ion Ratio Lower Upper

88 100

58 174.5 79.4 119.2#

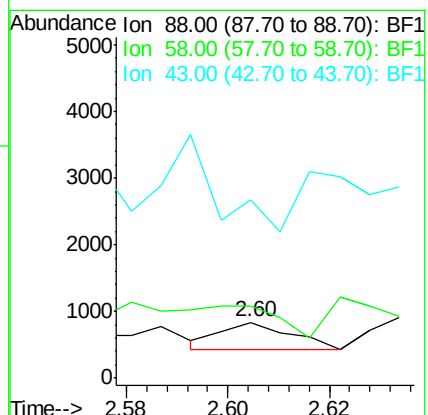
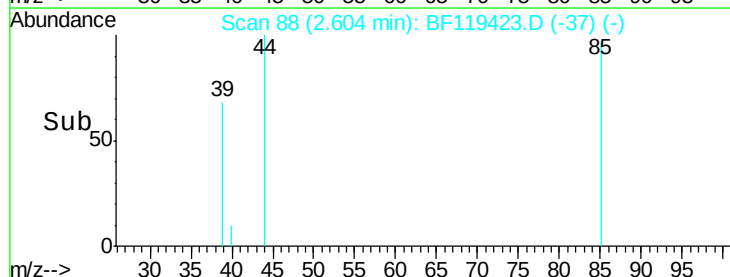
43 297.7 28.4 42.6#

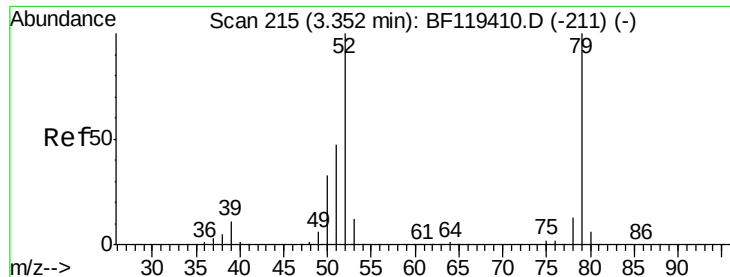


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.00 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.07 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

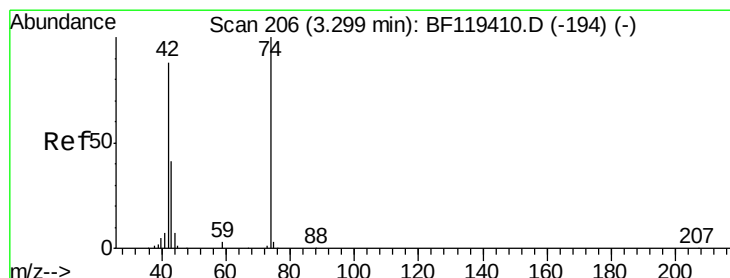
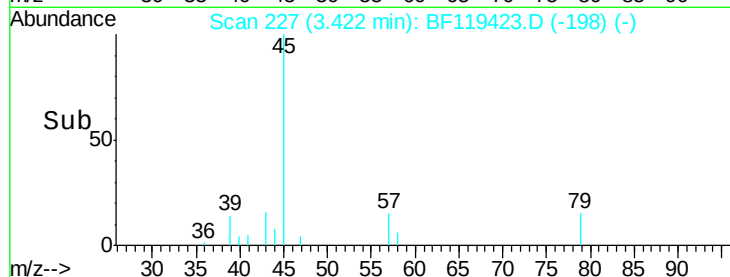
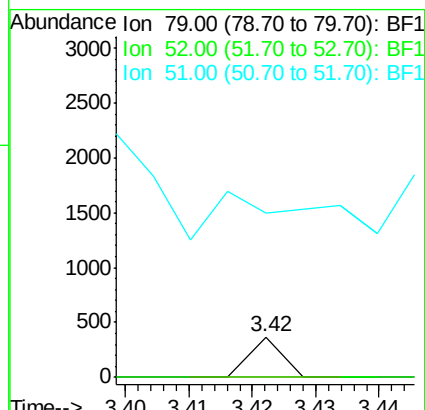
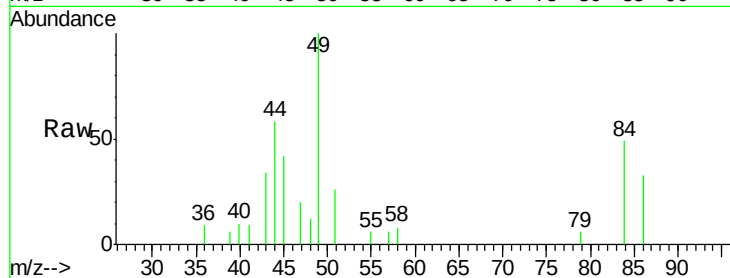
Tgt Ion: 79 Resp: 129

Ion Ratio Lower Upper

79 100

52 0.0 80.0 120.0#

51 410.7 37.9 56.9#



#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

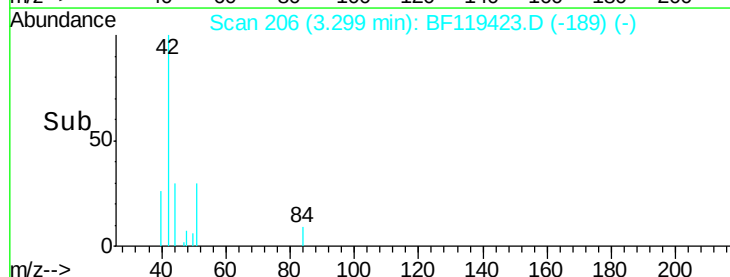
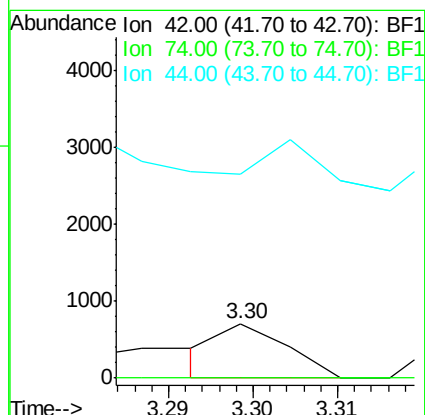
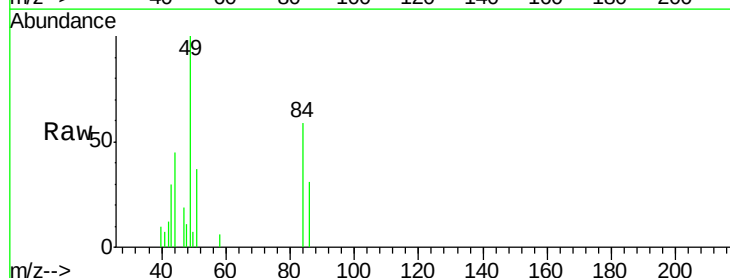
Tgt Ion: 42 Resp: 390

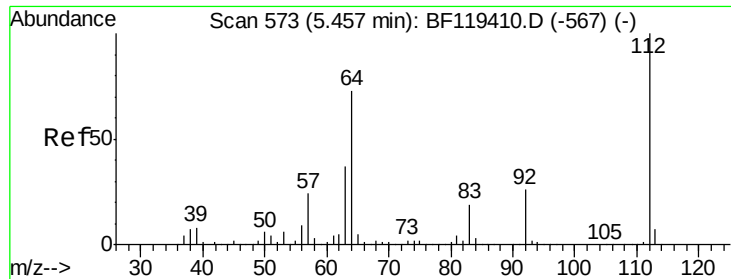
Ion Ratio Lower Upper

42 100

74 0.0 91.3 136.9#

44 376.1 7.1 10.7#





#5

2-Fluorophenol

Concen: 88.87 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

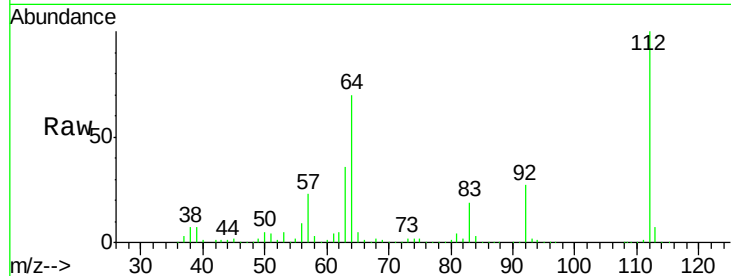
Tgt Ion: 112 Resp: 1981945

Ion Ratio Lower Upper

112 100

64 70.0 58.1 87.1

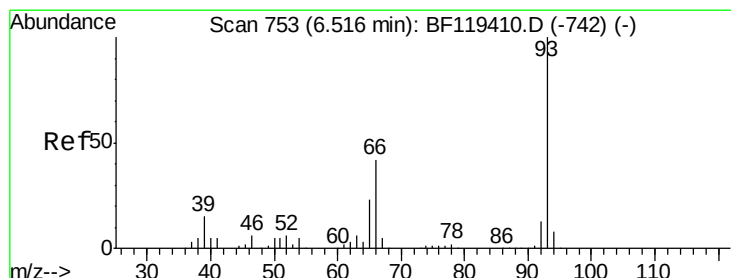
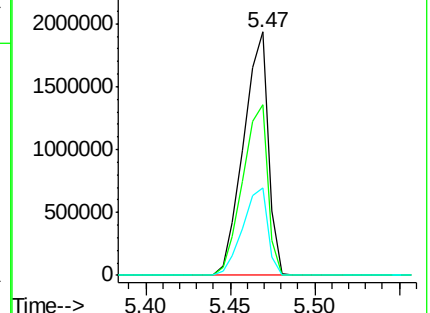
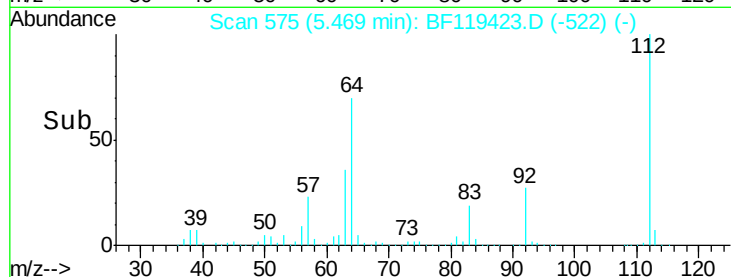
63 36.1 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.00 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

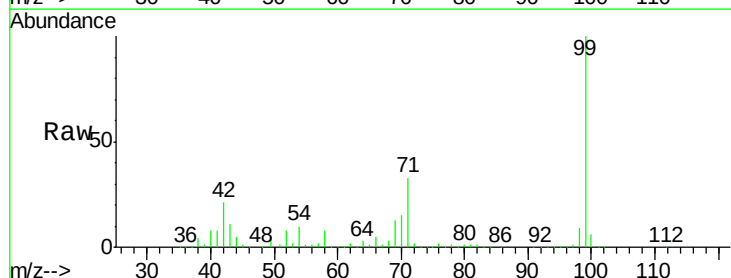
Tgt Ion: 93 Resp: 126

Ion Ratio Lower Upper

93 100

66 32822.3 34.2 51.4#

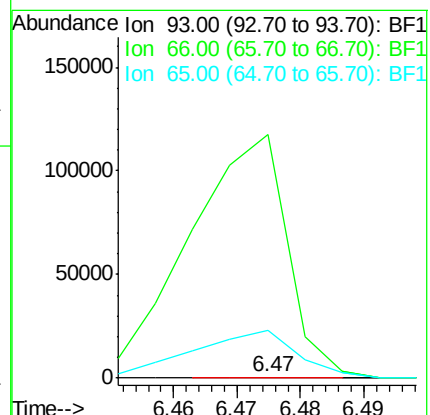
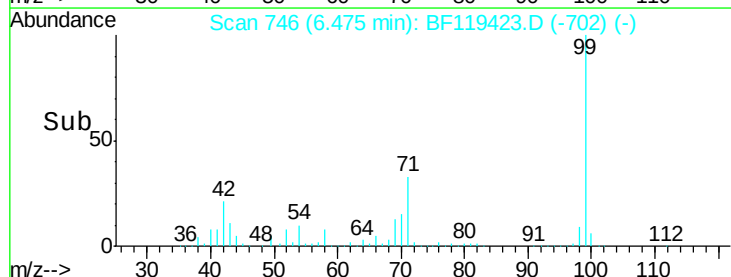
65 6386.6 18.2 27.4#

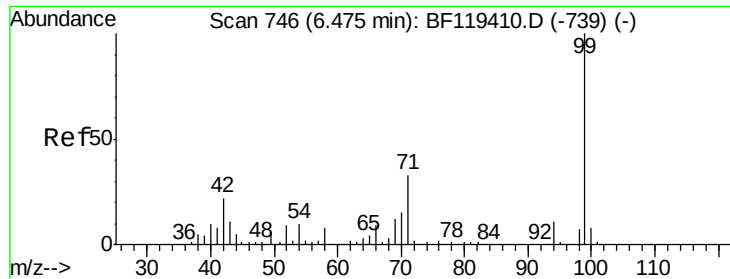


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.53 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

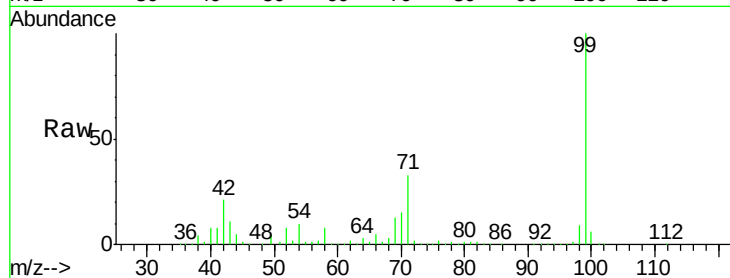
Tgt Ion: 99 Resp: 2522043

Ion Ratio Lower Upper

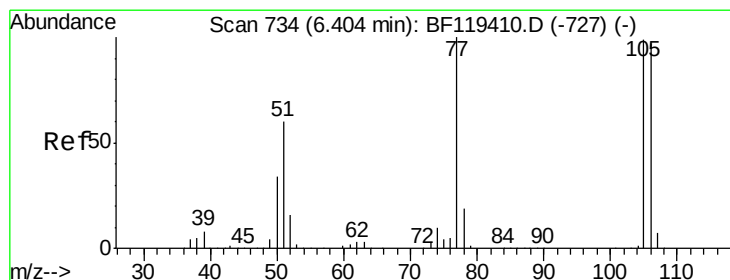
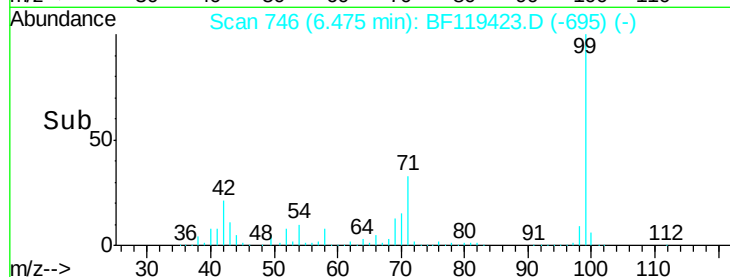
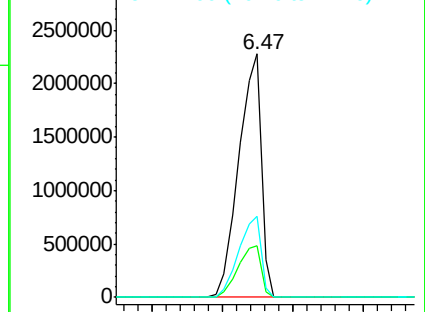
99 100

42 21.4 17.8 26.6

71 33.1 26.0 39.0



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: 0.09 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

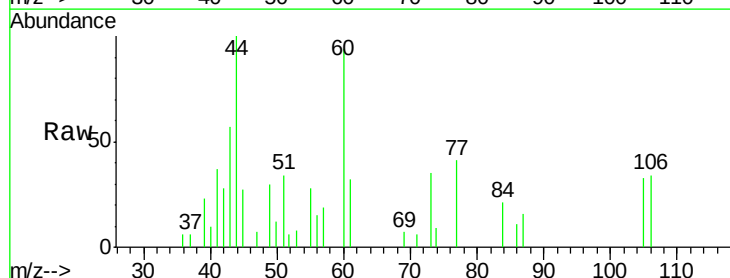
Tgt Ion: 77 Resp: 1537

Ion Ratio Lower Upper

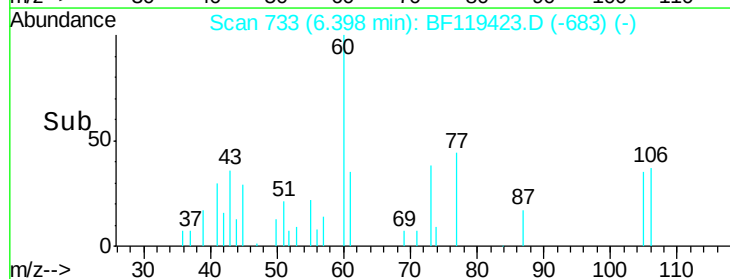
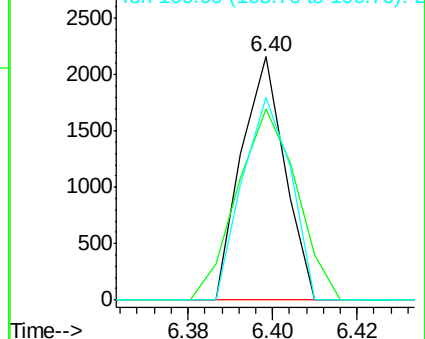
77 100

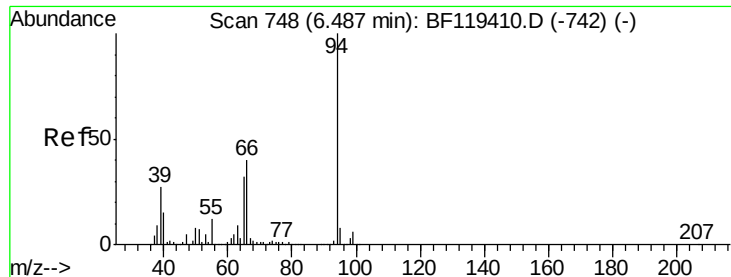
105 78.6 78.6 118.6

106 83.1 76.5 116.5



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





#10

Phenol

Concen: 0.33 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

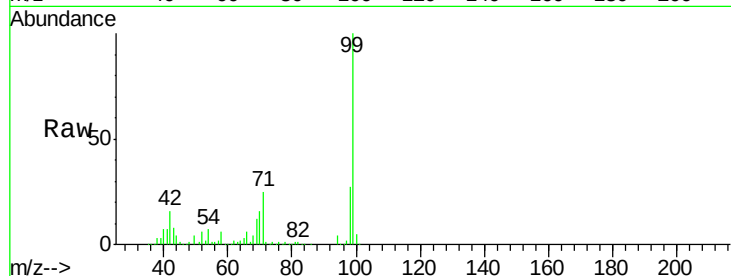
Tgt Ion: 94 Resp: 10006

Ion Ratio Lower Upper

94 100

65 57.8 12.0 52.0#

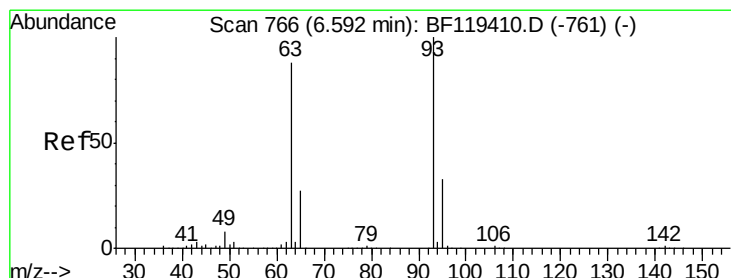
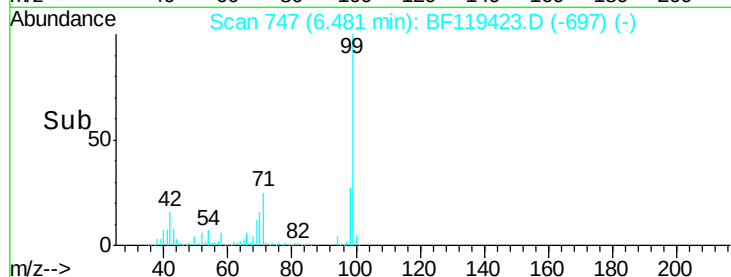
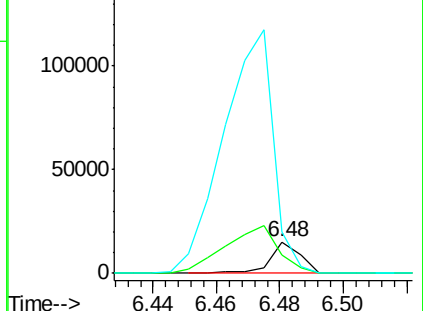
66 131.0 20.6 60.6#



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: 0.02 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

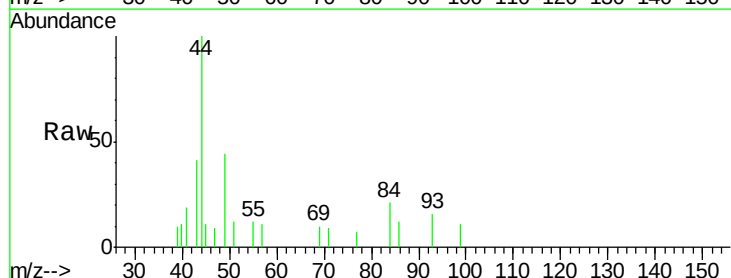
Tgt Ion: 93 Resp: 428

Ion Ratio Lower Upper

93 100

63 0.0 68.4 108.4#

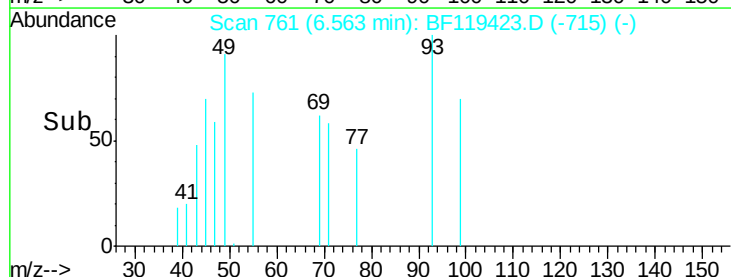
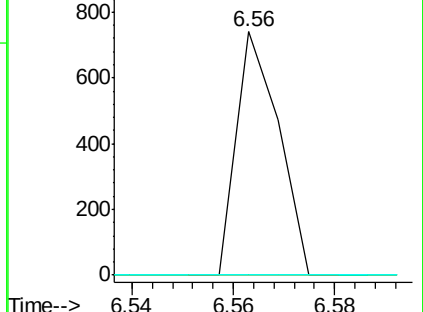
95 0.0 13.4 53.4#



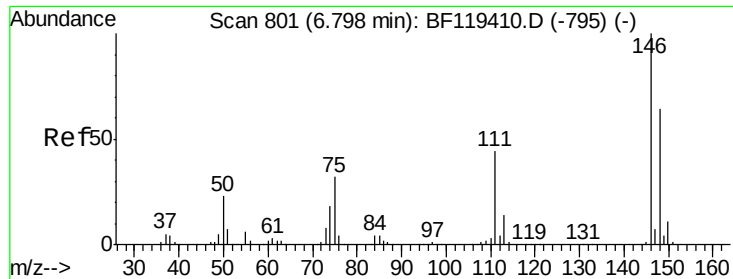
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



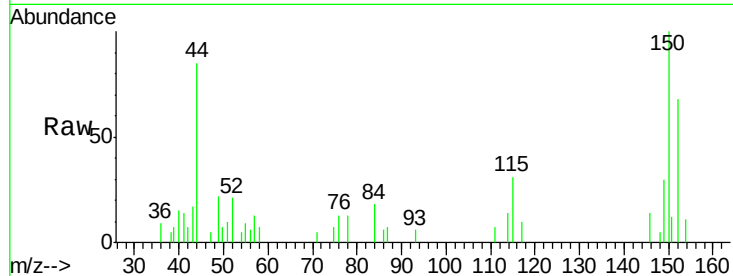




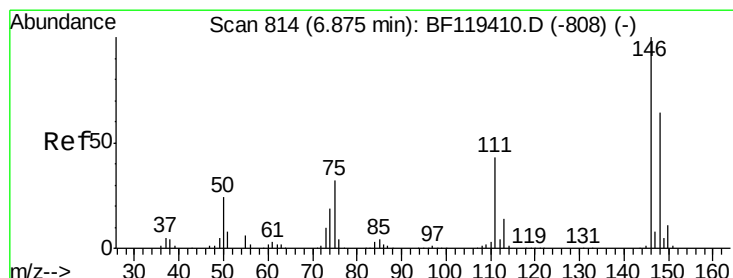
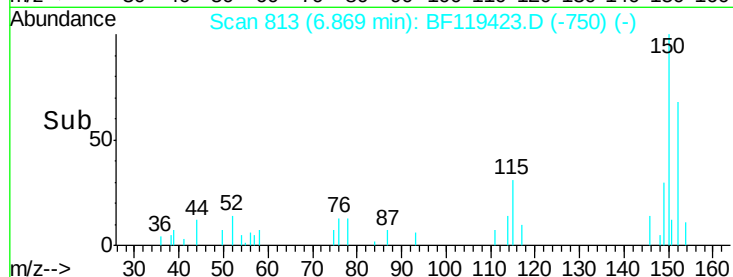
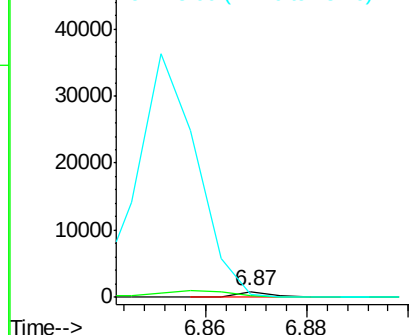
#12  
 1,3-Dichlorobenzene  
 Concen: 0.02 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.07 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-SA

Tgt Ion:146 Resp: 423  
 Ion Ratio Lower Upper  
 146 100  
 148 39.2 51.4 77.0#  
 75 50.2 25.8 38.8#

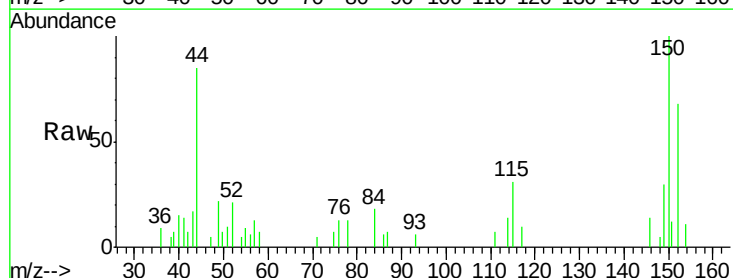


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BF1

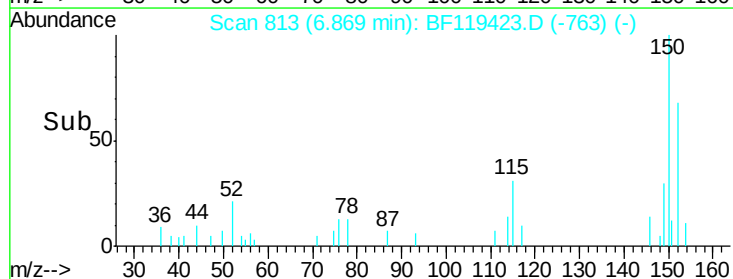
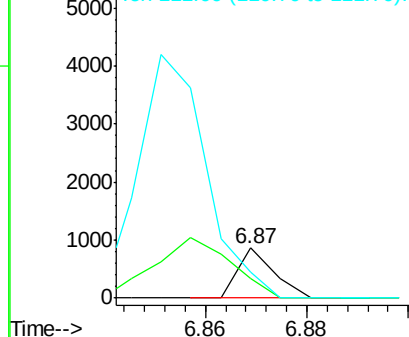


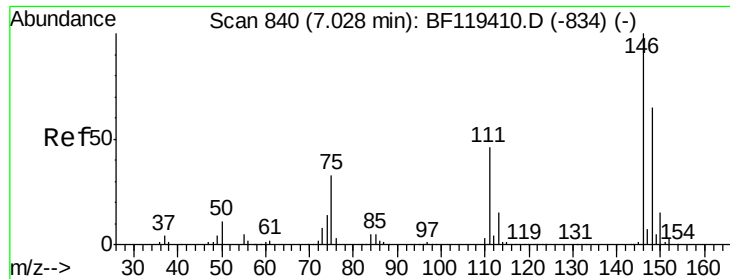
#13  
 1,4-Dichlorobenzene  
 Concen: 0.02 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

Tgt Ion:146 Resp: 423  
 Ion Ratio Lower Upper  
 146 100  
 148 39.2 50.9 76.3#  
 111 51.4 34.6 52.0



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

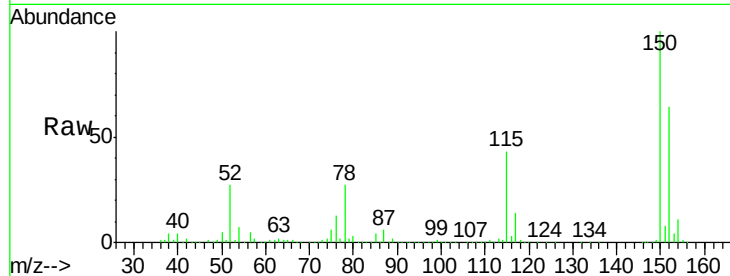




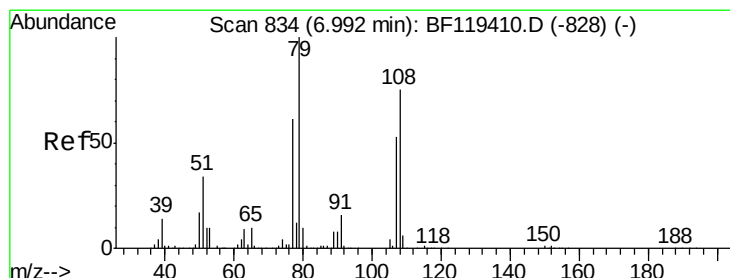
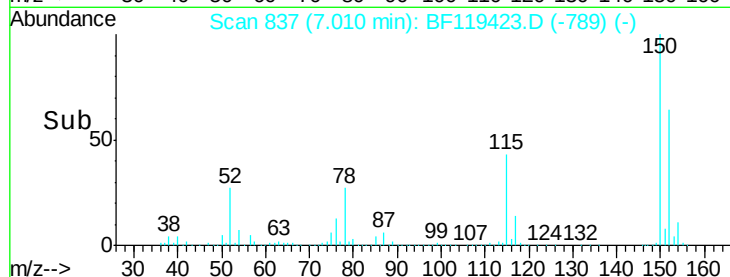
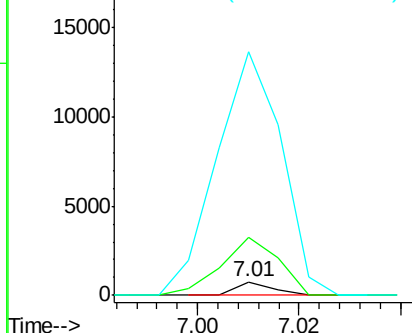
#14  
1,2-Dichlorobenzene  
Concen: 0.02 ng  
RT: 7.01 min Scan# 837  
Delta R.T. -0.02 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

Tgt Ion:146 Resp: 376  
Ion Ratio Lower Upper  
146 100  
148 438.2 51.7 77.5#  
111 1824.9 36.4 54.6#

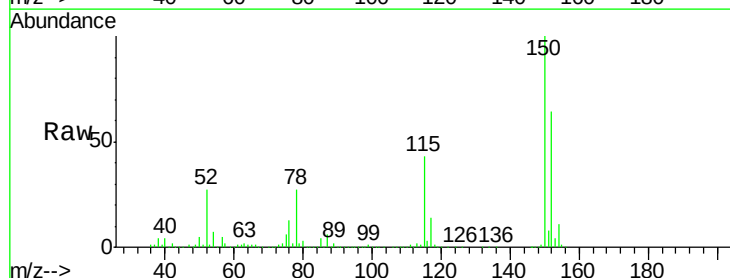


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

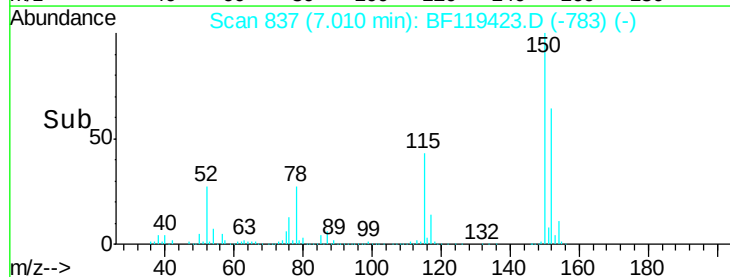
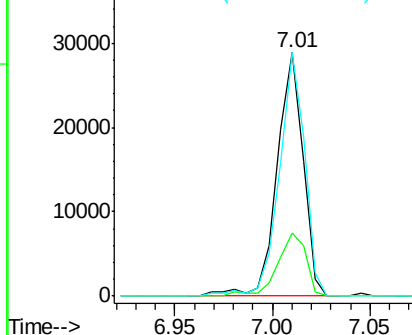


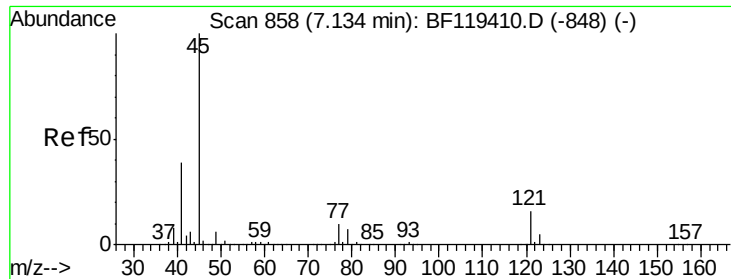
#15  
Benzyl Alcohol  
Concen: 1.25 ng  
RT: 7.01 min Scan# 837  
Delta R.T. 0.02 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion: 79 Resp: 26811  
Ion Ratio Lower Upper  
79 100  
108 25.8 60.4 90.6#  
77 100.0 49.0 73.4#



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

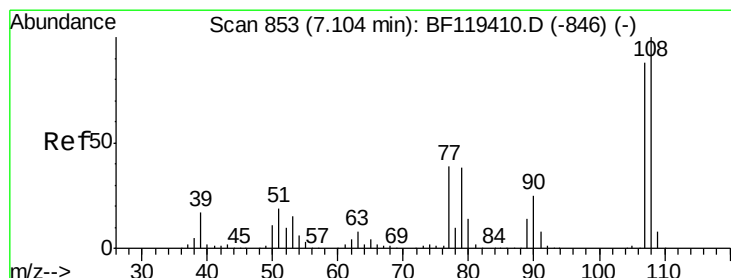
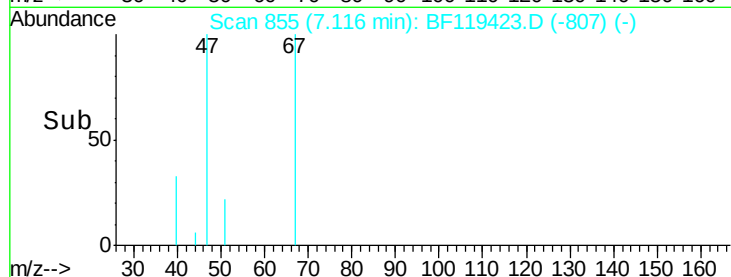
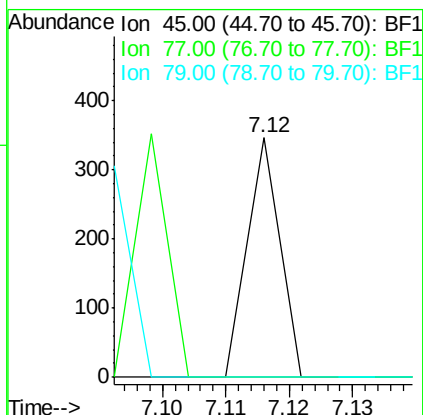
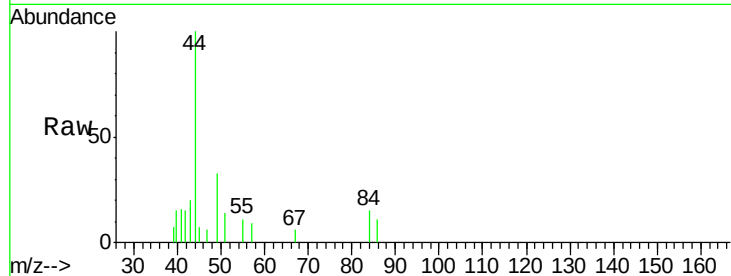




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.00 ng  
RT: 7.12 min Scan# 855  
Delta R.T. -0.02 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

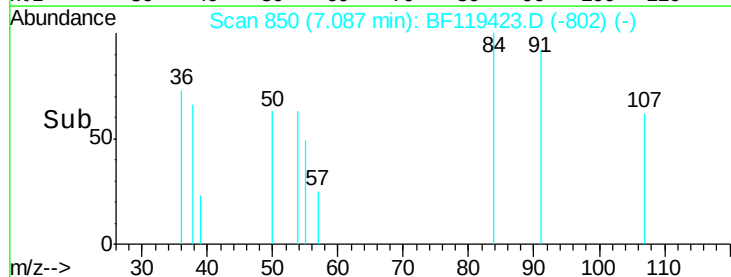
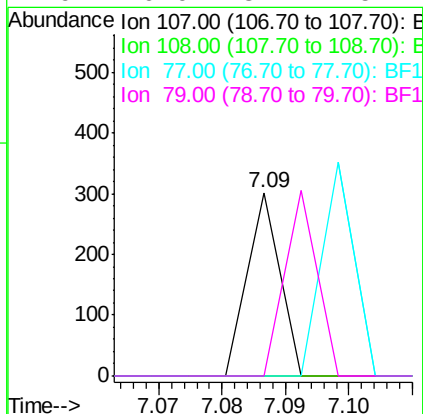
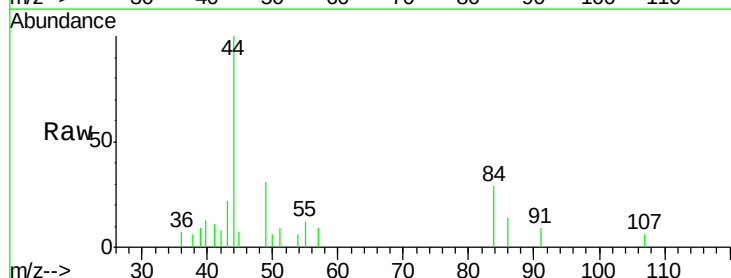
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

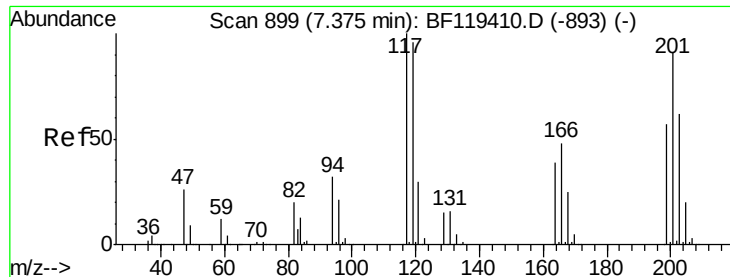
Tgt Ion: 45 Resp: 122  
Ion Ratio Lower Upper  
45 100  
77 0.0 0.0 30.1  
79 0.0 0.0 27.4



#17  
2-Methylphenol  
Concen: 0.00 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.02 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion: 107 Resp: 107  
Ion Ratio Lower Upper  
107 100  
108 0.0 90.7 136.1#  
77 0.0 35.6 53.4#  
79 0.0 34.7 52.1#

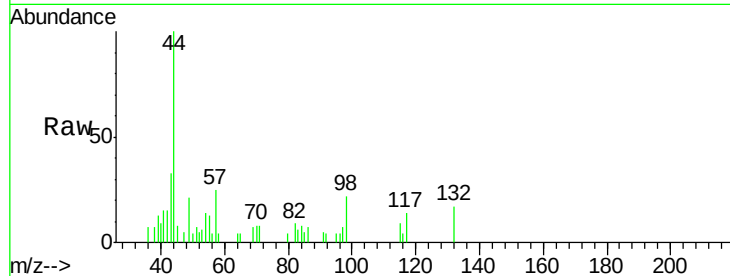




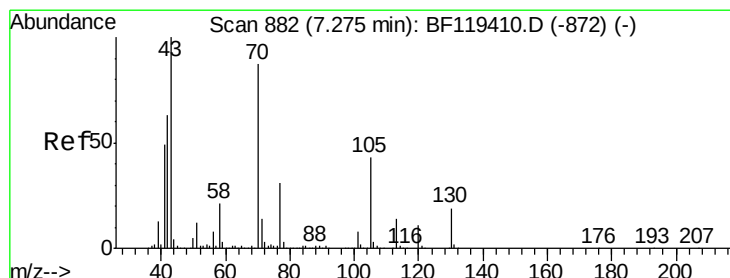
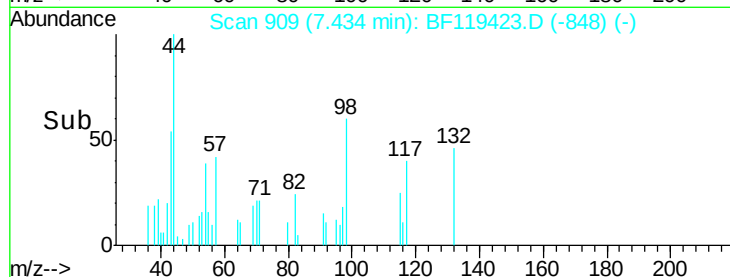
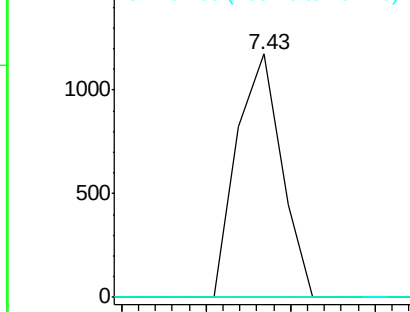
#18  
Hexachloroethane  
Concen: 0.09 ng  
RT: 7.43 min Scan# 909  
Delta R.T. 0.06 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

Tgt Ion: 117 Resp: 865  
Ion Ratio Lower Upper  
117 100  
119 0.0 76.8 115.2#  
201 0.0 72.5 108.7#

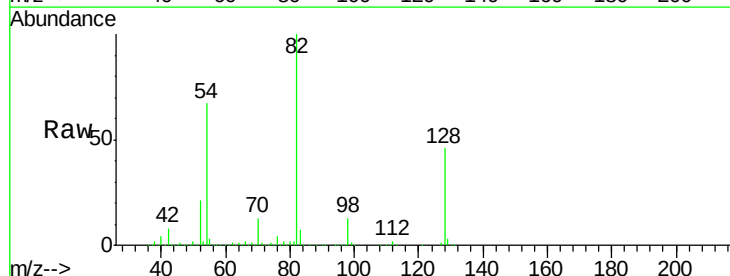


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

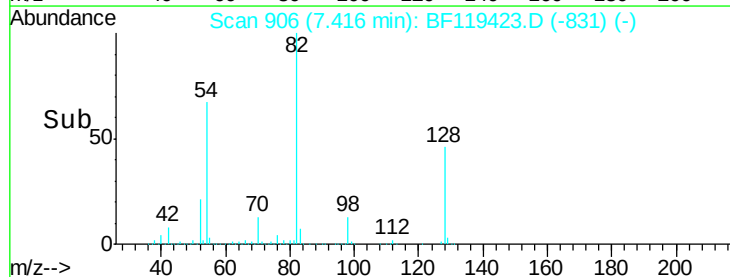
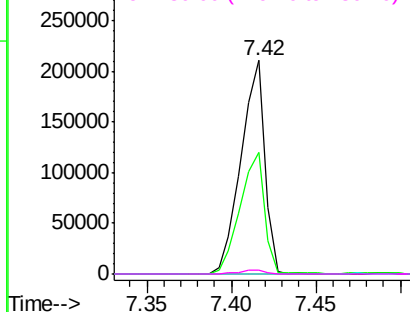


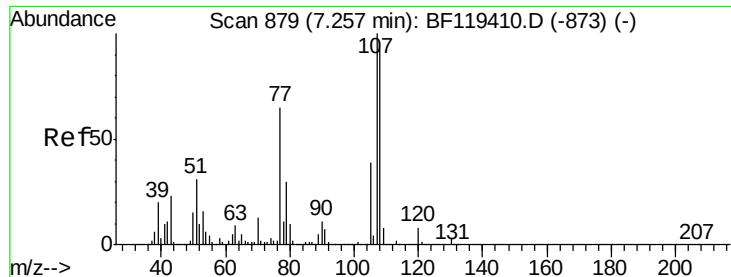
#19  
n-Nitroso-di-n-propylamine  
Concen: 12.13 ng  
RT: 7.42 min Scan# 906  
Delta R.T. 0.14 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion: 70 Resp: 208228  
Ion Ratio Lower Upper  
70 100  
42 56.8 58.2 87.4#  
101 0.0 7.4 11.2#  
130 2.0 17.8 26.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

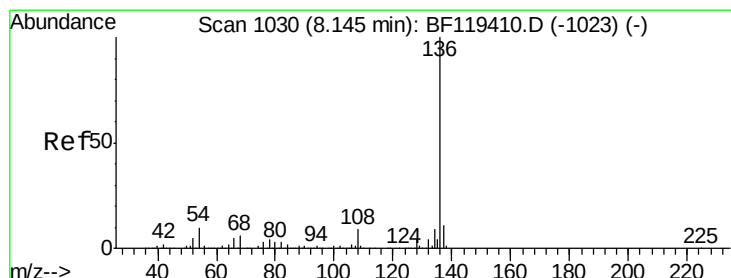
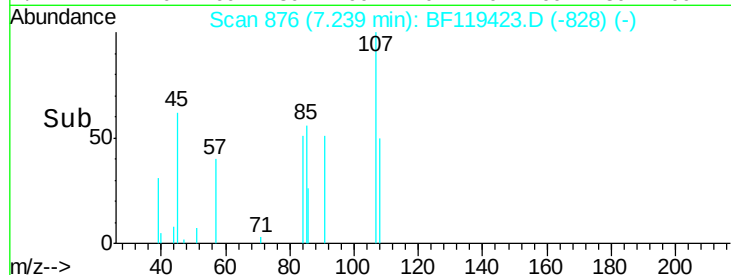
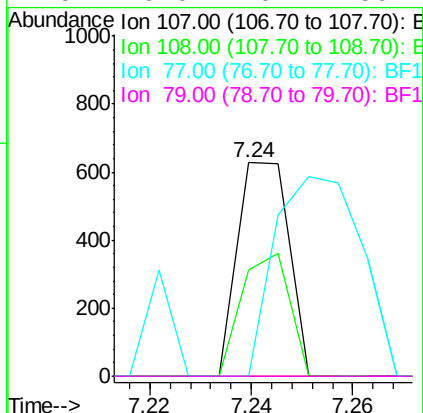
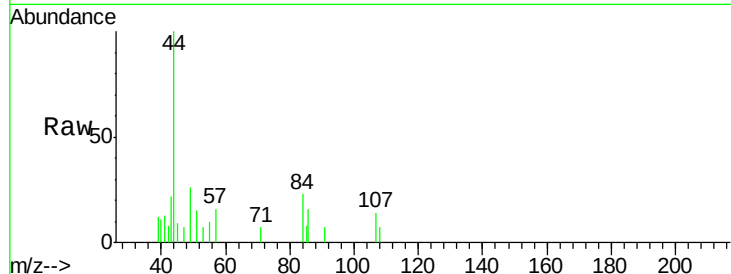




#20  
3+4-Methylphenols  
Concen: 0.02 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.02 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

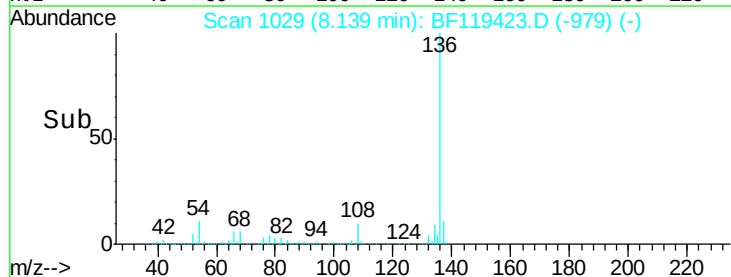
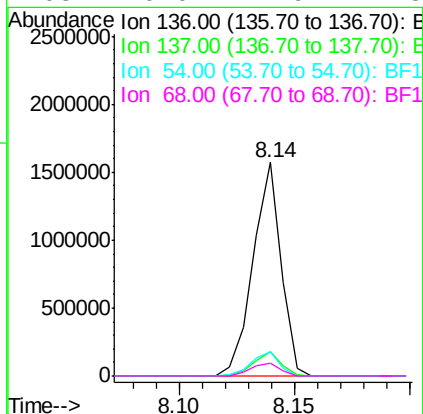
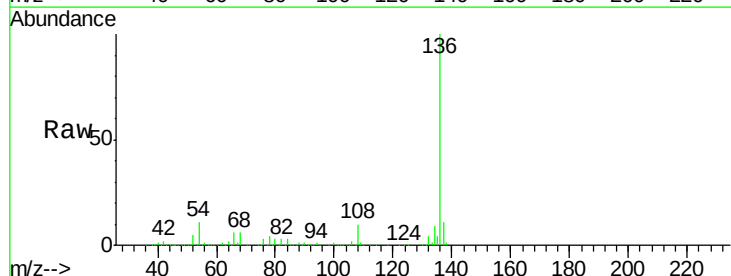
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

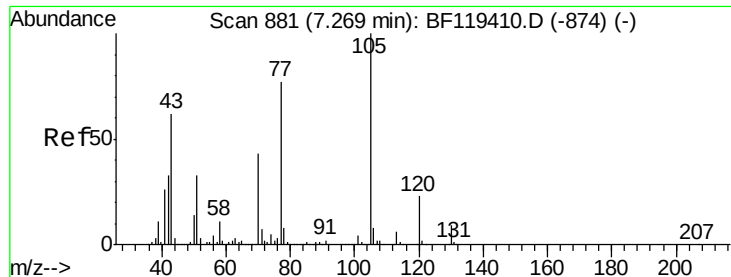
Tgt Ion:107 Resp: 442  
Ion Ratio Lower Upper  
107 100  
108 49.8 72.6 112.6#  
77 0.0 44.7 84.7#  
79 0.0 10.2 50.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion:136 Resp: 1337291  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.4 12.6  
54 11.1 8.3 12.5  
68 6.0 4.9 7.3





#22

Acetophenone

Concen: 0.02 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

Tgt Ion: 105 Resp: 791

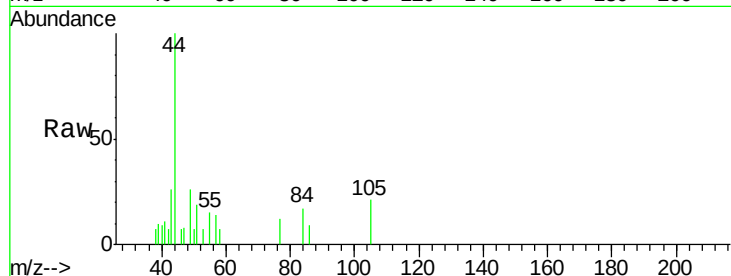
Ion Ratio Lower Upper

105 100

71 0.0 5.8 8.6#

51 90.7 26.8 40.2#

120 0.0 18.0 27.0#

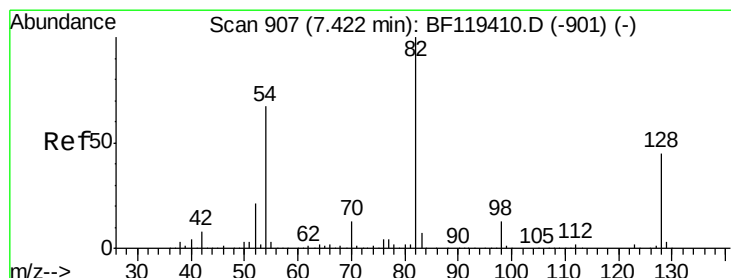
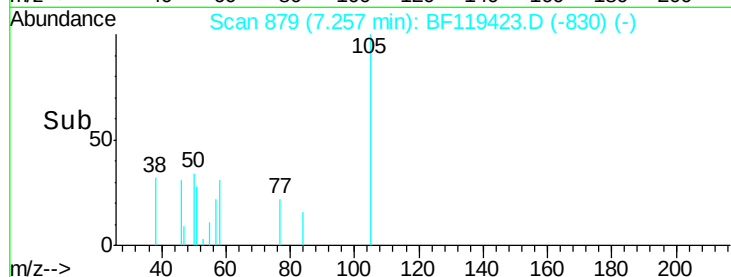
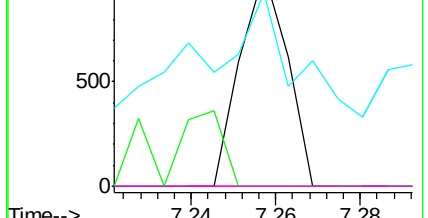


Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.35 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

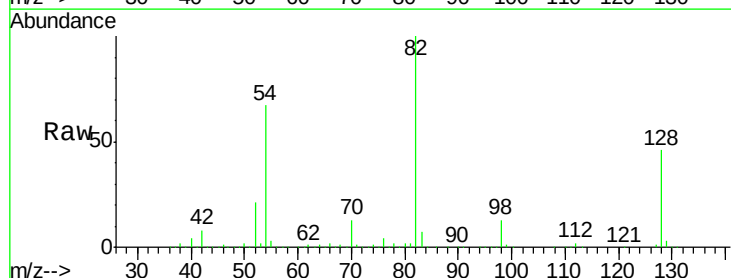
Tgt Ion: 82 Resp: 1558746

Ion Ratio Lower Upper

82 100

128 45.8 35.8 53.8

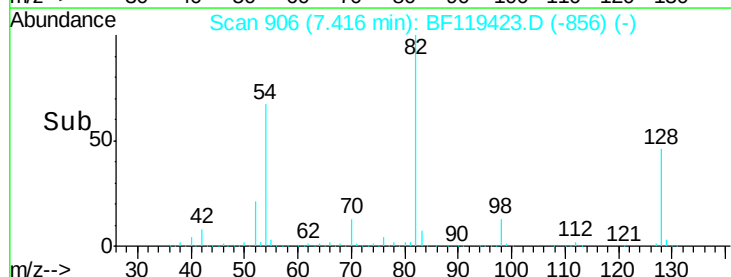
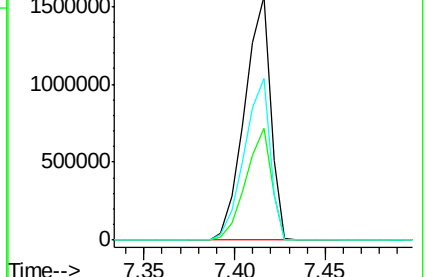
54 66.6 53.4 80.0

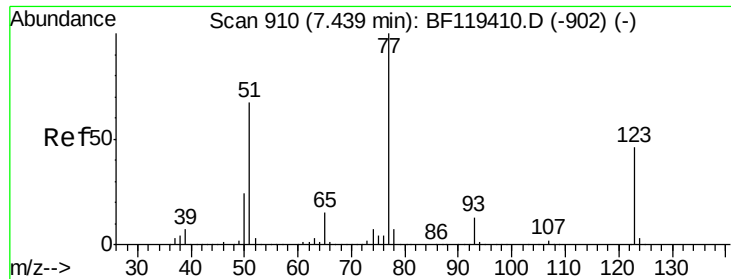


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

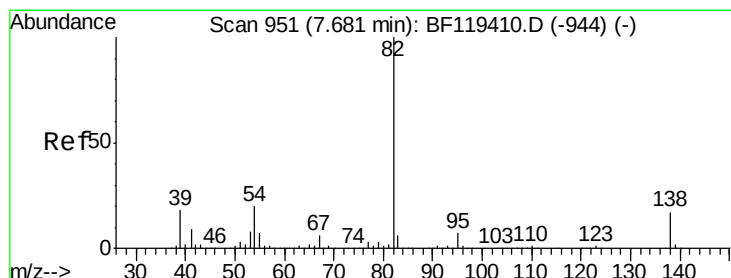
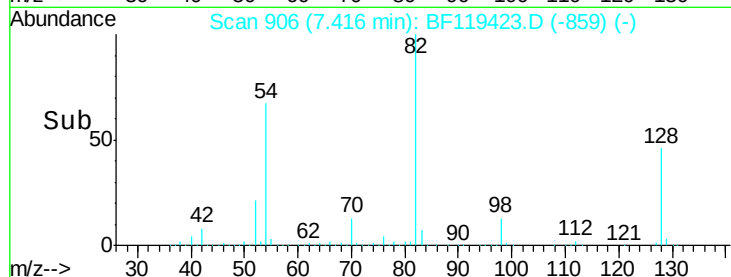
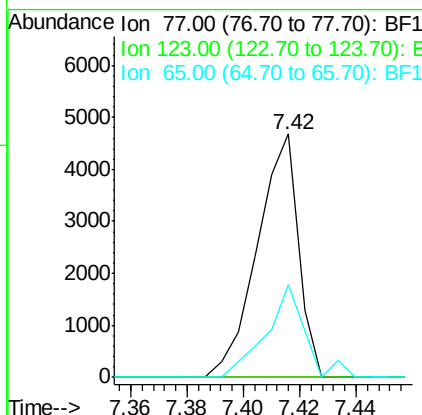
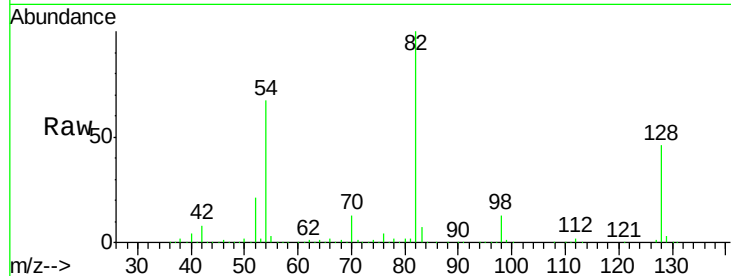




#24  
 Nitrobenzene  
 Concen: 0.18 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. -0.02 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

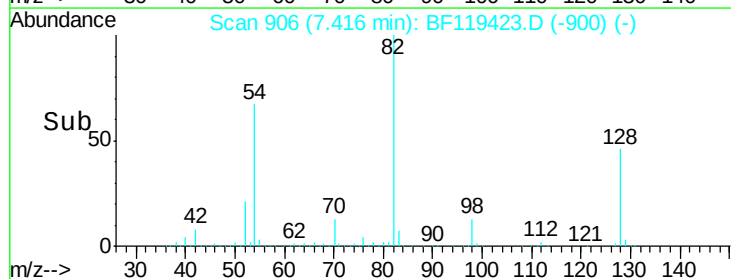
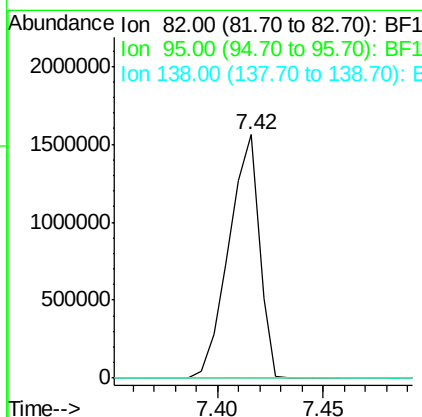
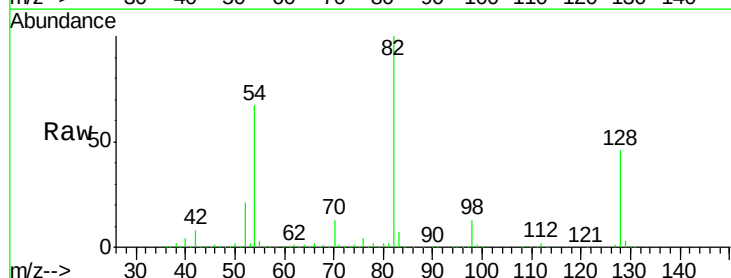
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-SA

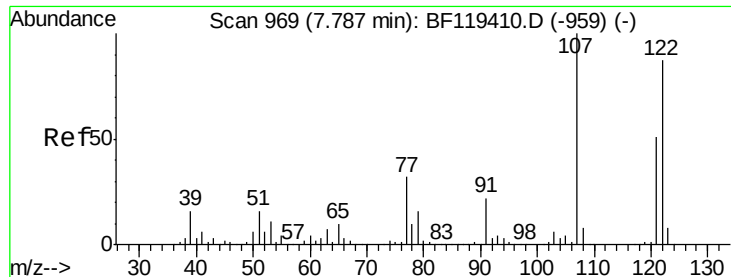
Tgt Ion: 77 Resp: 4719  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 36.9 55.3#  
 65 38.0 12.2 18.4#



#25  
 Isophorone  
 Concen: 31.20 ng  
 RT: 7.42 min Scan# 906  
 Delta R.T. -0.26 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

Tgt Ion: 82 Resp: 1557475  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.4 8.2#  
 138 0.0 13.8 20.8#





#27

2,4-Dimethylphenol

Concen: 0.03 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

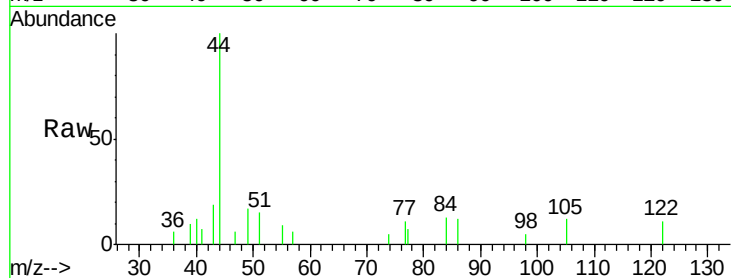
Tgt Ion: 122 Resp: 617

Ion Ratio Lower Upper

122 100

107 0.0 91.8 137.6#

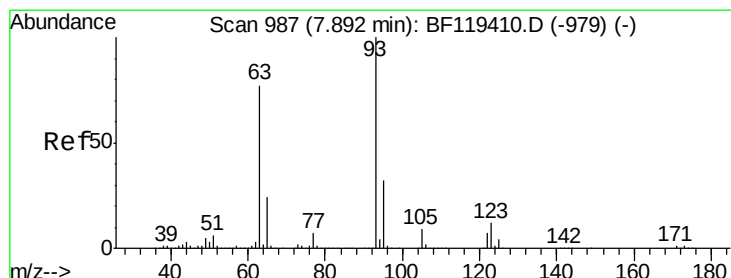
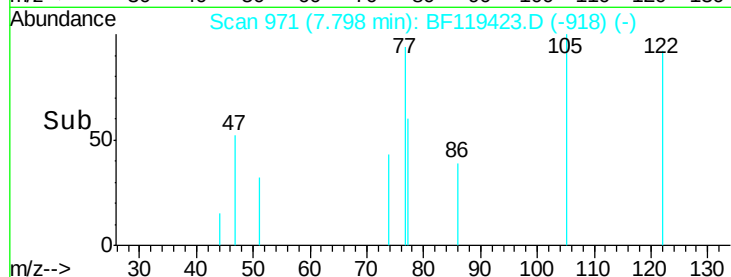
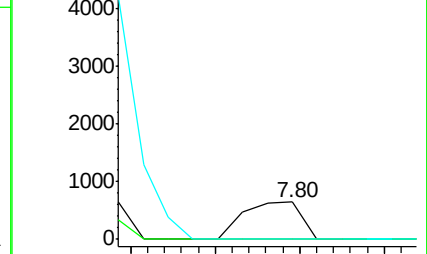
121 0.0 46.5 69.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.03 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.14 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

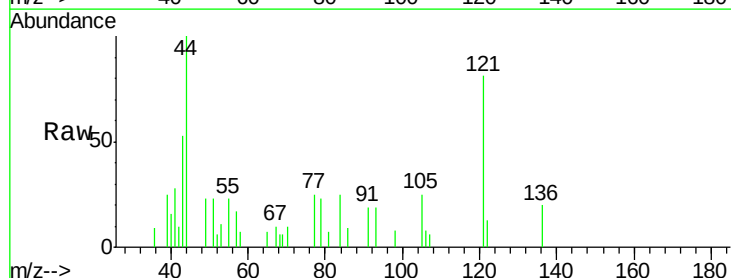
Tgt Ion: 93 Resp: 776

Ion Ratio Lower Upper

93 100

95 0.0 26.0 39.0#

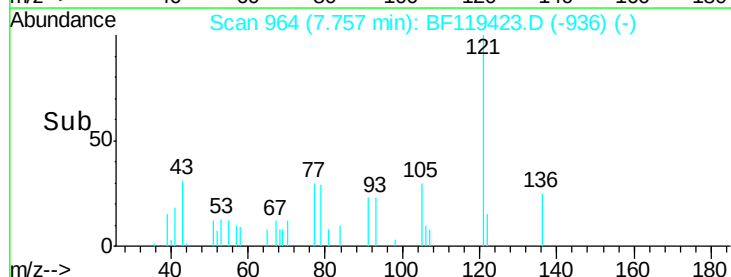
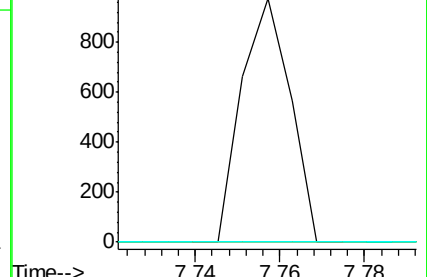
123 0.0 9.7 14.5#



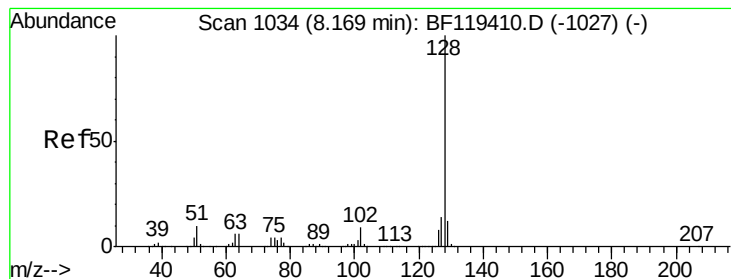
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E







#31

Naphthalene

Concen: 0.03 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

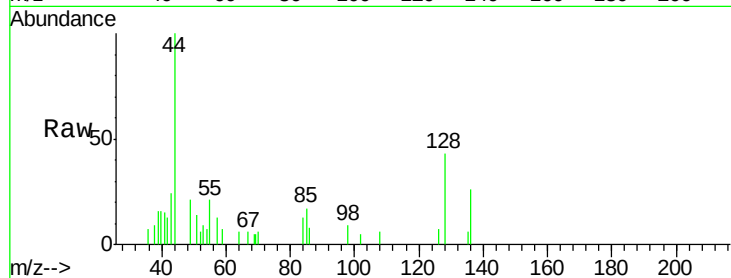
Tgt Ion:128 Resp: 2329

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

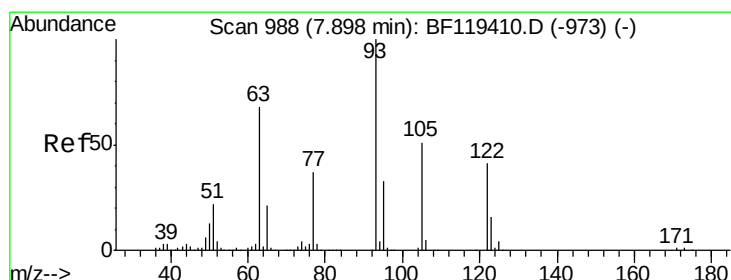
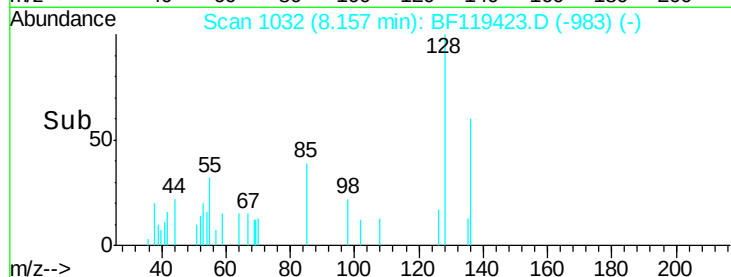
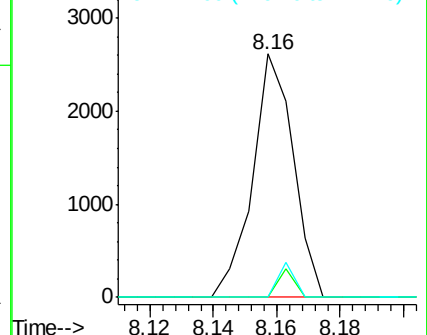
127 0.0 11.0 16.4#



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: 0.04 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.10 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

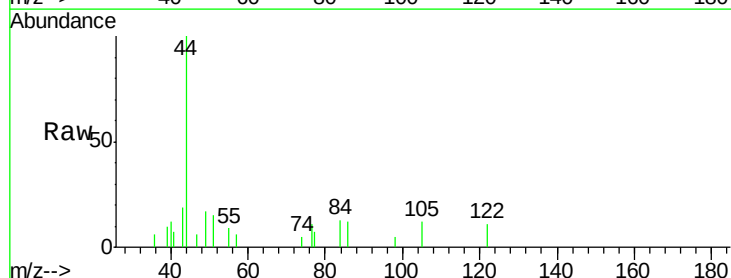
Tgt Ion:122 Resp: 617

Ion Ratio Lower Upper

122 100

105 109.0 102.9 142.9

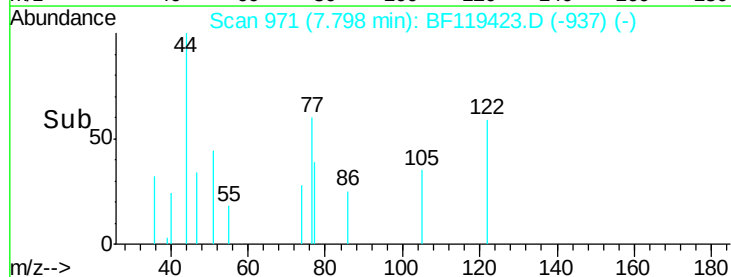
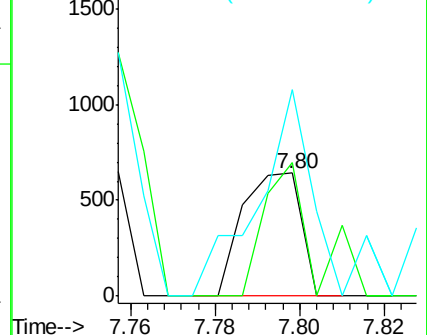
77 167.4 70.1 110.1#

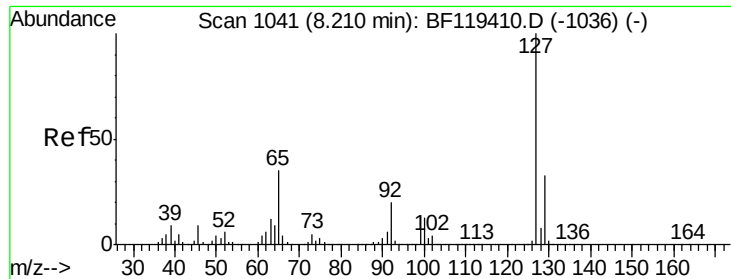


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

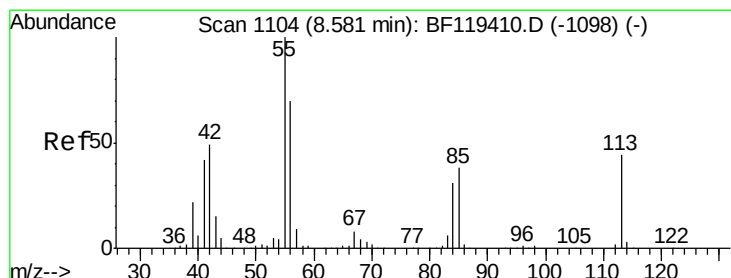
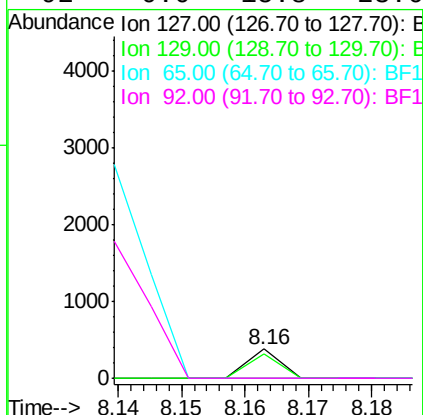
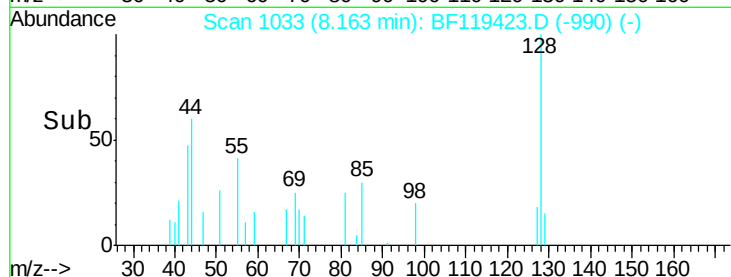
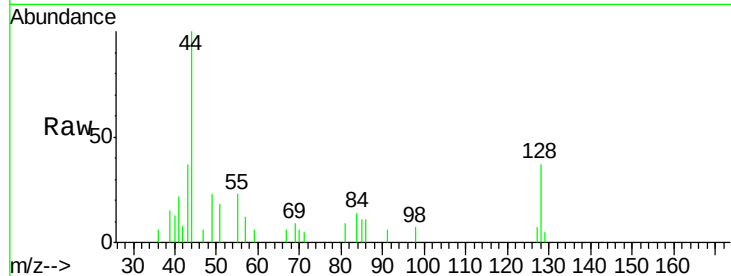




#33  
4-Chloroaniline  
Concen: 0.00 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.05 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

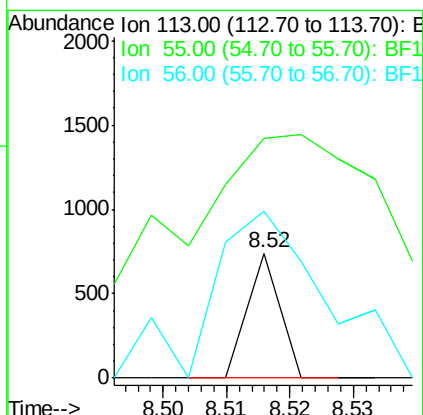
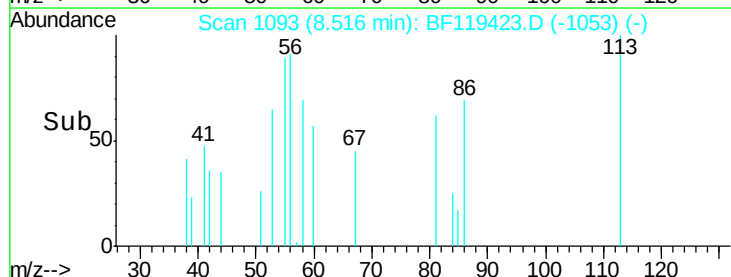
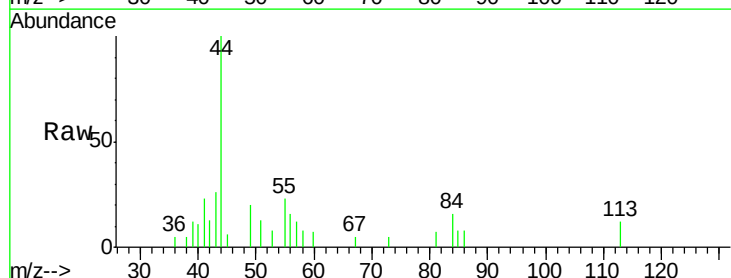
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

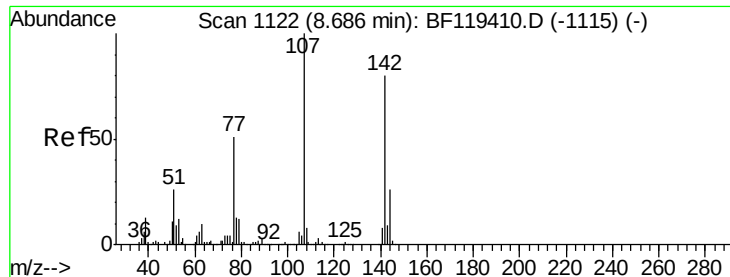
Tgt Ion:127 Resp: 135  
Ion Ratio Lower Upper  
127 100  
129 81.7 26.2 39.4#  
65 0.0 27.7 41.5#  
92 0.0 15.8 23.6#



#35  
Caprolactam  
Concen: 0.04 ng  
RT: 8.52 min Scan# 1093  
Delta R.T. -0.06 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion:113 Resp: 261  
Ion Ratio Lower Upper  
113 100  
55 192.4 208.4 248.4#  
56 134.1 138.9 178.9#

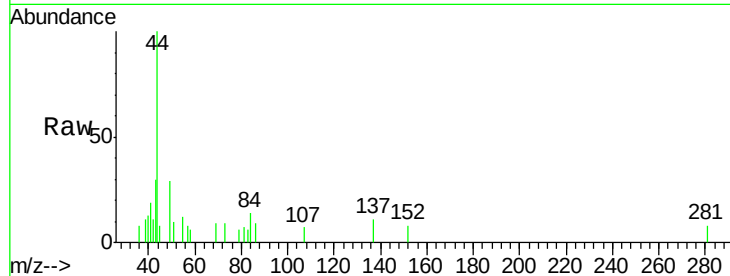




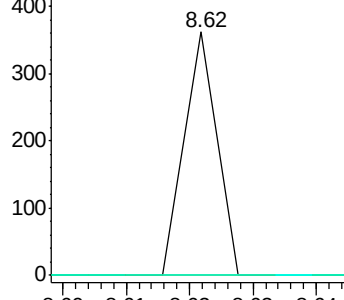
#36  
4-Chloro-3-methylphenol  
Concen: 0.01 ng  
RT: 8.62 min Scan# 1111  
Delta R.T. -0.06 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

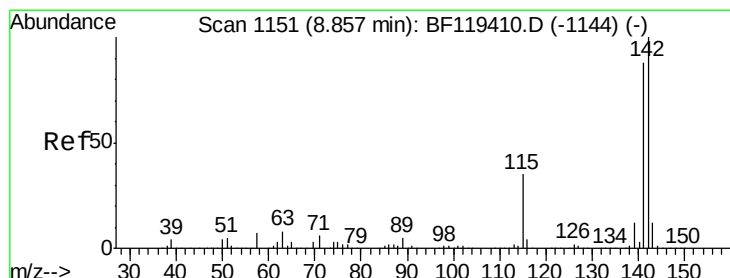
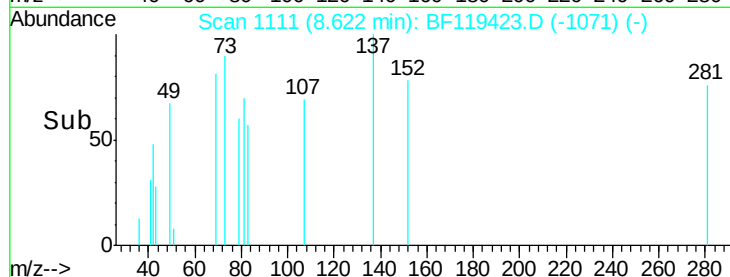
Tgt Ion: 107 Resp: 128  
Ion Ratio Lower Upper  
107 100  
144 0.0 20.6 31.0#  
142 0.0 63.8 95.6#



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E

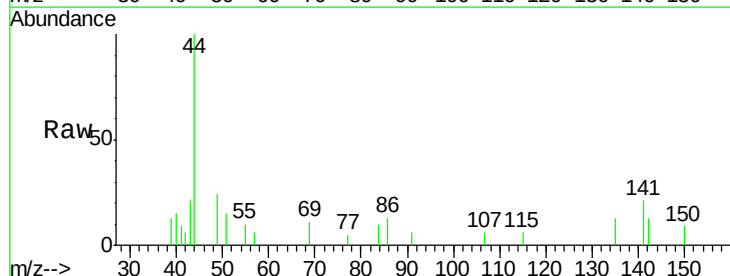


Time-->

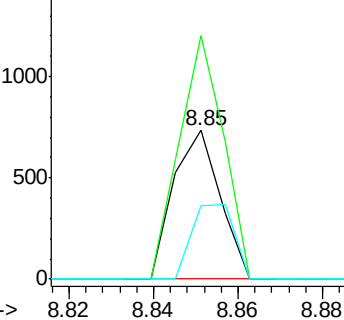


#37  
2-Methylnaphthalene  
Concen: 0.01 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

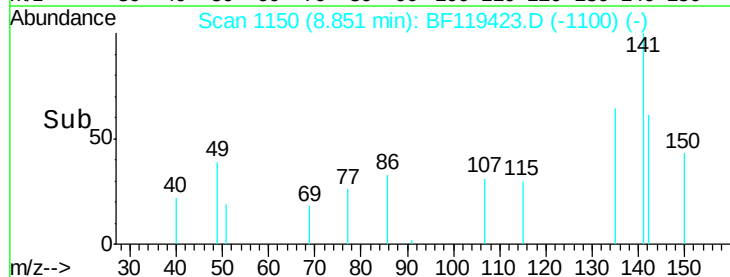
Tgt Ion: 142 Resp: 560  
Ion Ratio Lower Upper  
142 100  
141 163.5 70.4 105.6#  
115 49.0 27.8 41.6#

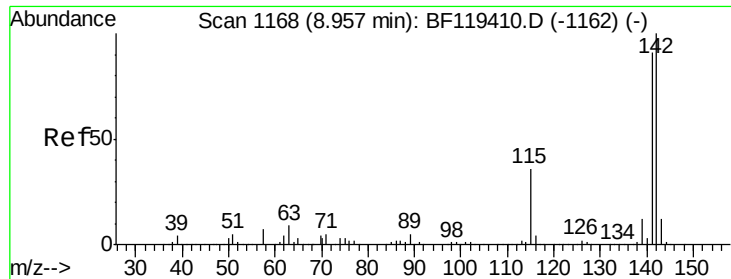


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



Time-->

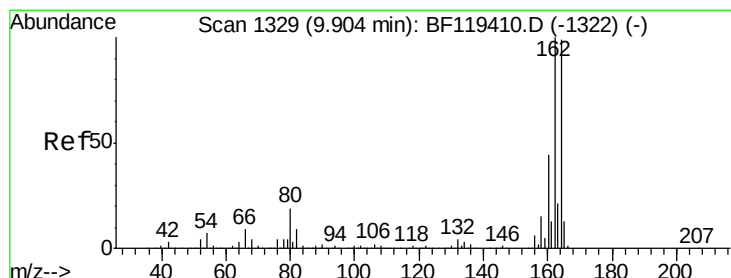
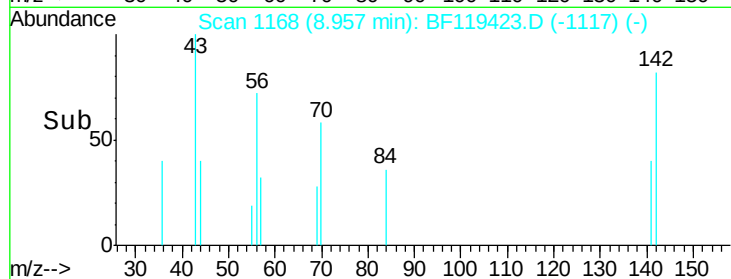
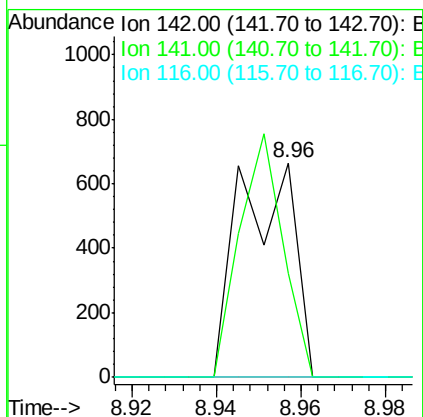
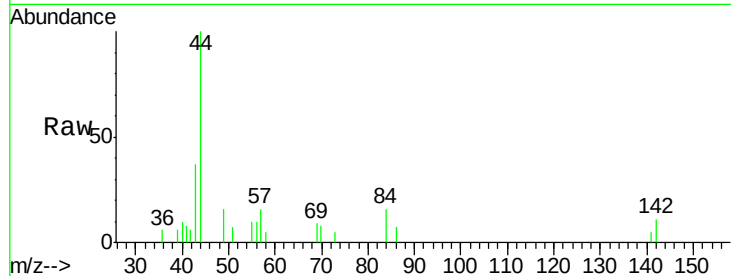




#38  
1-Methylnaphthalene  
Concen: 0.01 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

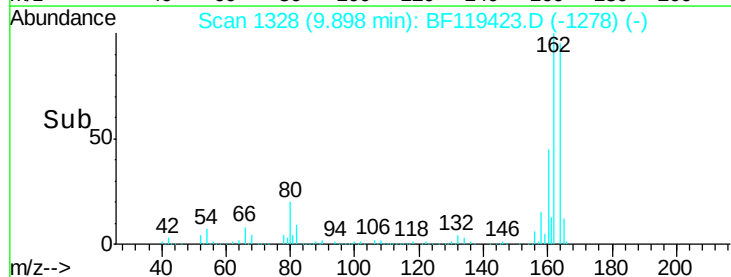
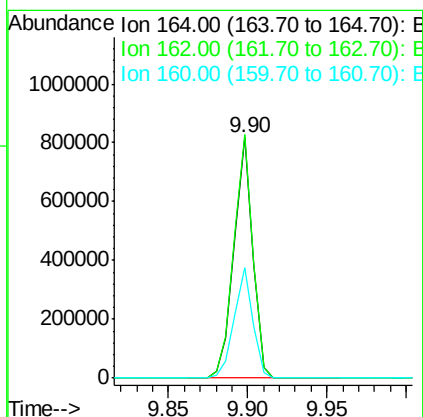
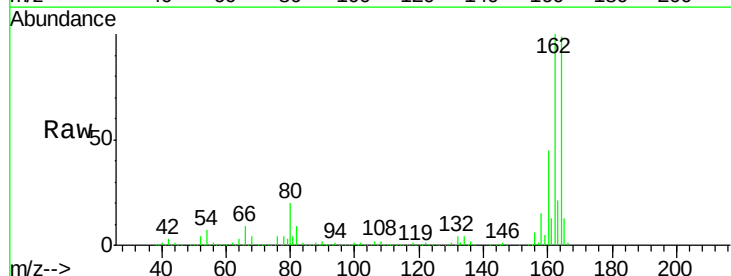
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

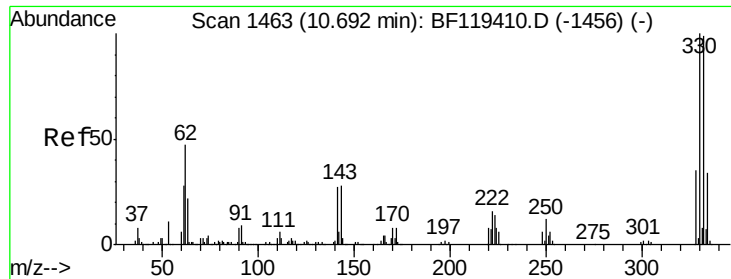
Tgt Ion:142 Resp: 611  
Ion Ratio Lower Upper  
142 100  
141 48.5 73.1 109.7#  
116 0.0 3.0 4.6#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion:164 Resp: 676503  
Ion Ratio Lower Upper  
164 100  
162 101.1 80.7 121.1  
160 45.6 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 89.53 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

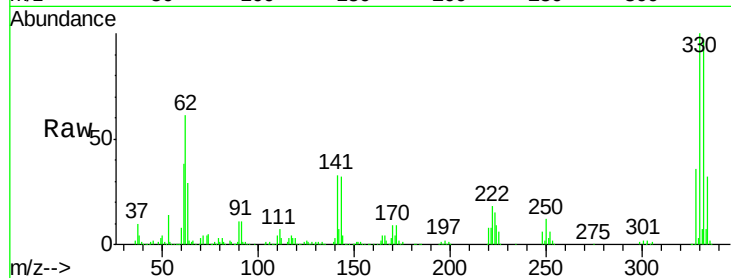
Tgt Ion:330 Resp: 624863

Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

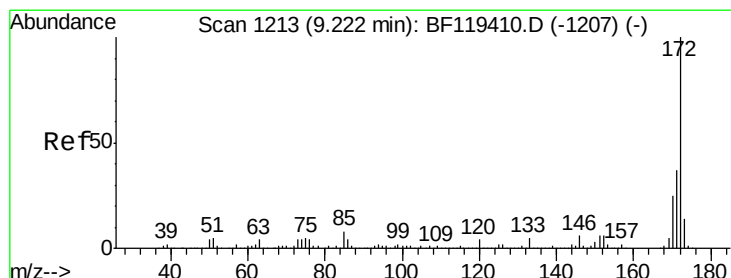
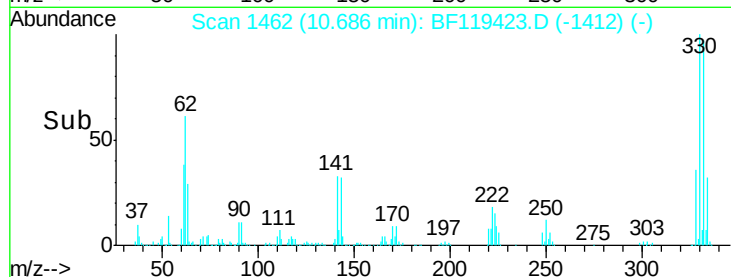
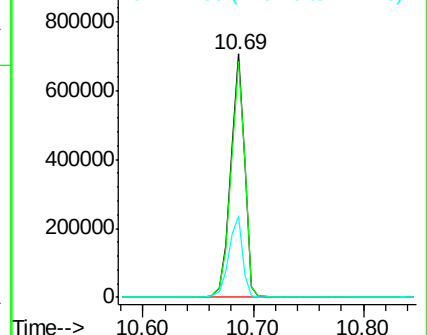
141 33.3 26.6 40.0



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: 57.70 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

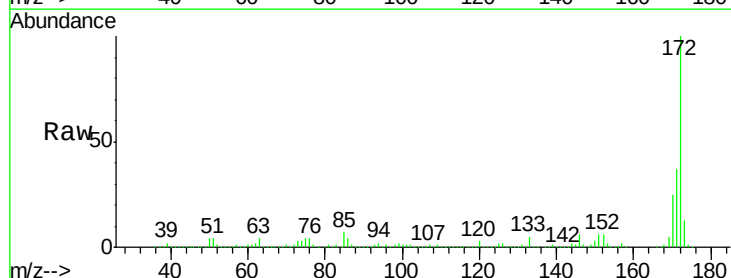
Tgt Ion:172 Resp: 2634892

Ion Ratio Lower Upper

172 100

171 37.3 29.9 44.9

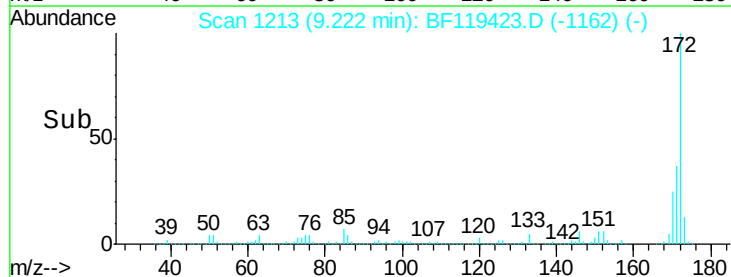
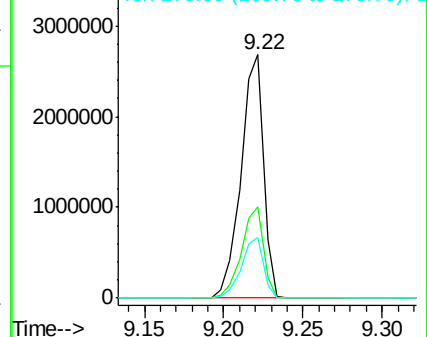
170 24.9 20.1 30.1

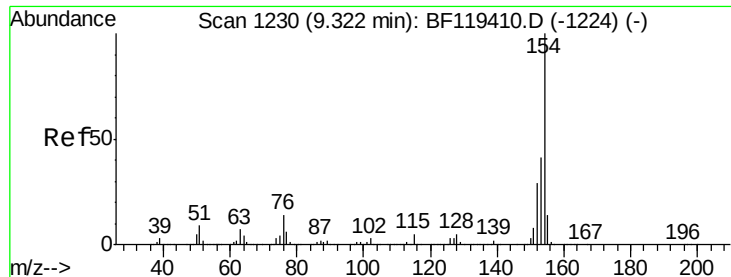


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

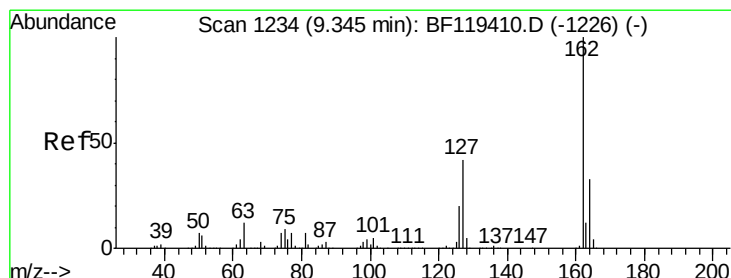
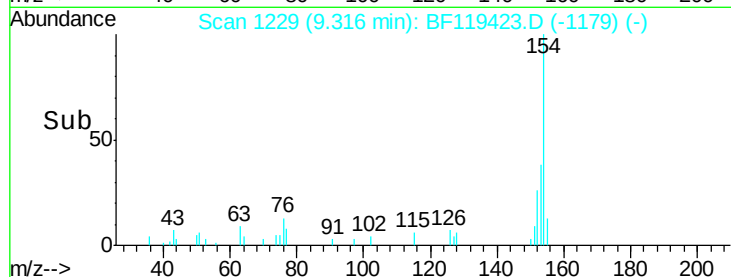
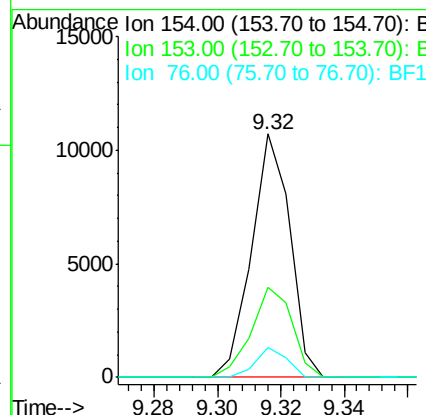
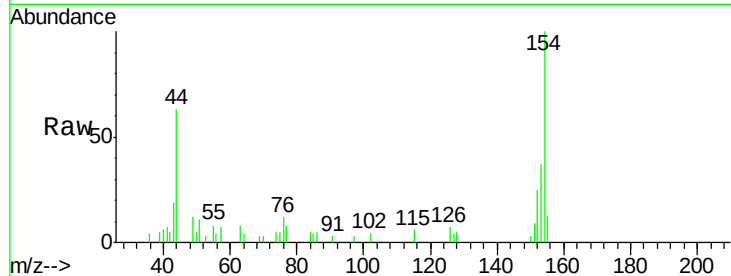




#46  
 1,1'-Biphenyl  
 Concen: 0.16 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. -0.01 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

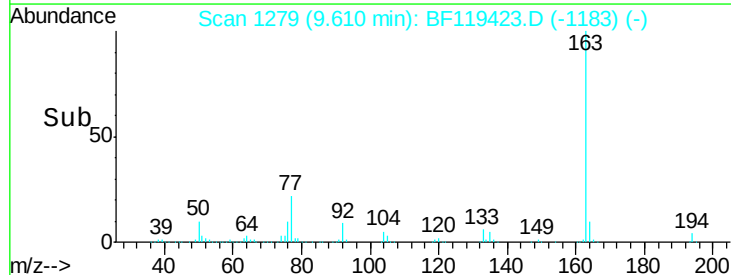
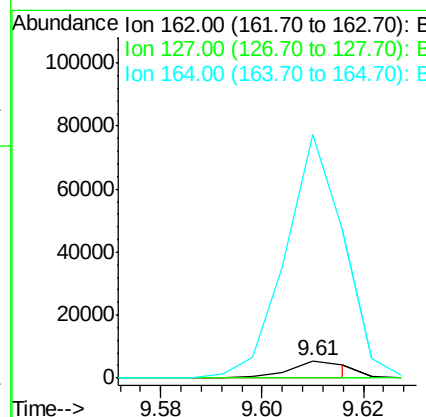
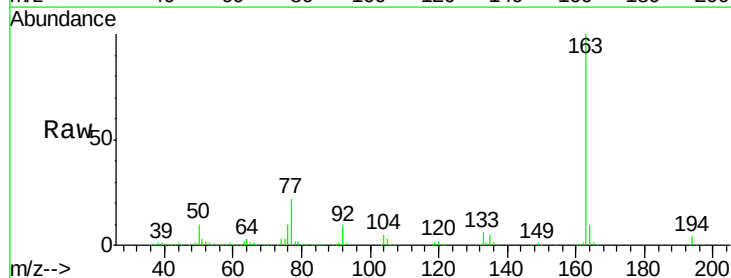
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-SA

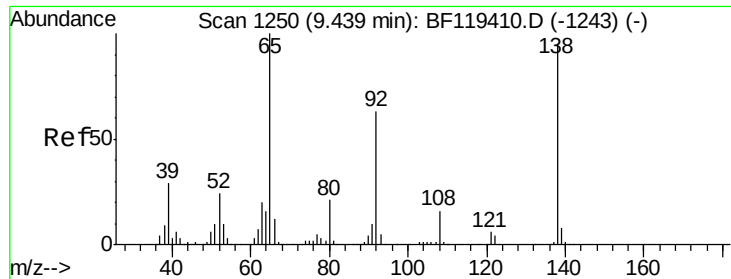
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 154   | Resp: | 9000  |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 36.9  | 21.4  | 61.4  |
| 76       | 12.2  | 0.0   | 33.6  |



#47  
 2-Chloronaphthalene  
 Concen: 0.10 ng  
 RT: 9.61 min Scan# 1279  
 Delta R.T. 0.26 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

|          |        |       |       |
|----------|--------|-------|-------|
| Tgt Ion: | 162    | Resp: | 4365  |
| Ion      | Ratio  | Lower | Upper |
| 162      | 100    |       |       |
| 127      | 0.0    | 33.7  | 50.5# |
| 164      | 1393.1 | 26.2  | 39.4# |

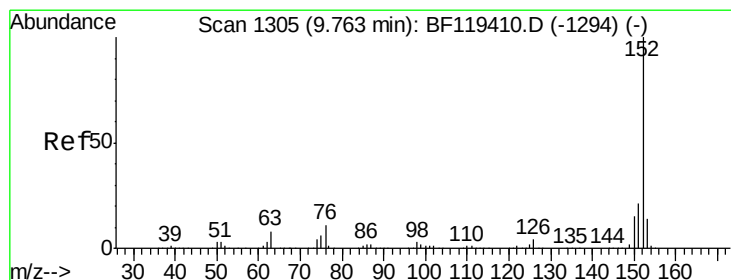
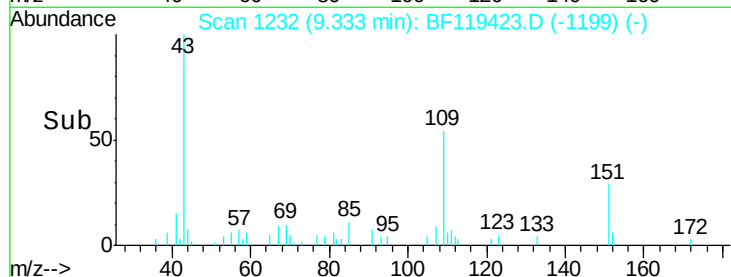
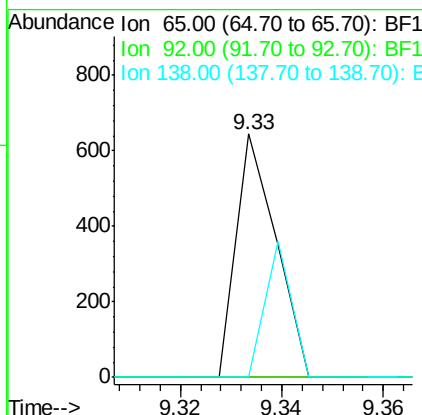
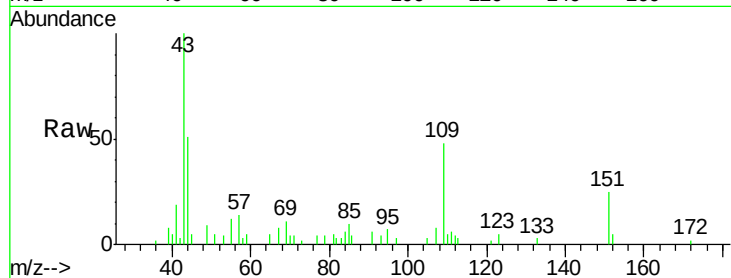




#48  
2-Nitroaniline  
Concen: 0.02 ng  
RT: 9.33 min Scan# 1232  
Delta R.T. -0.11 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

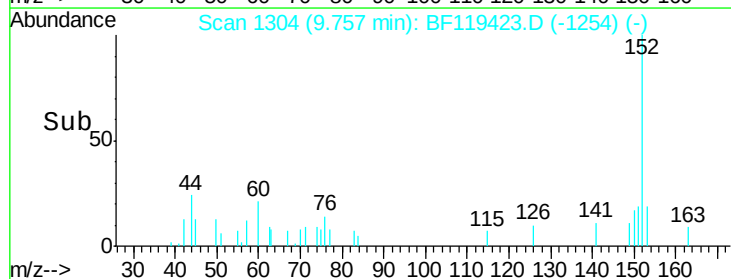
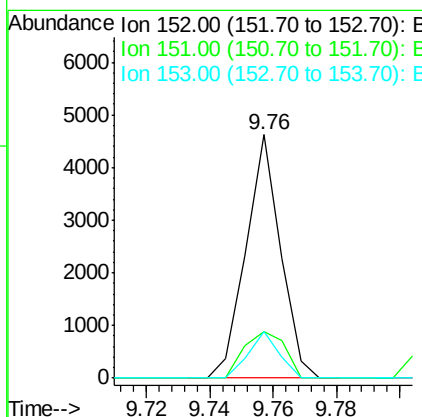
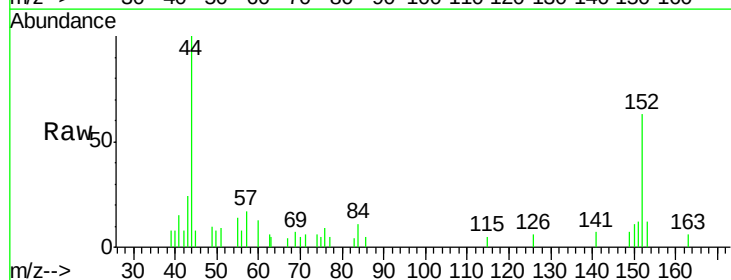
Instrument :  
BNA\_F  
ClientSampled :  
TP-10-SA

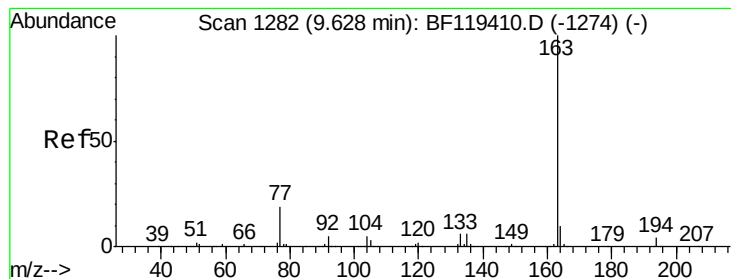
Tgt Ion: 65 Resp: 352  
Ion Ratio Lower Upper  
65 100  
92 0.0 50.5 75.7#  
138 0.0 75.8 113.8#



#49  
Acenaphthylene  
Concen: 0.05 ng  
RT: 9.76 min Scan# 1304  
Delta R.T. -0.01 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion: 152 Resp: 3500  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.8 25.2  
153 19.2 11.2 16.8#





#50

Dimethylphthalate

Concen: 12.57 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

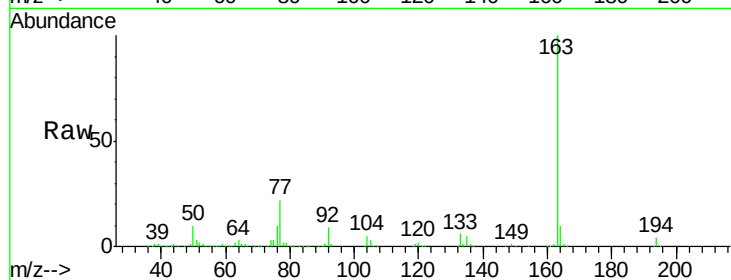
Tgt Ion:163 Resp: 604144

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

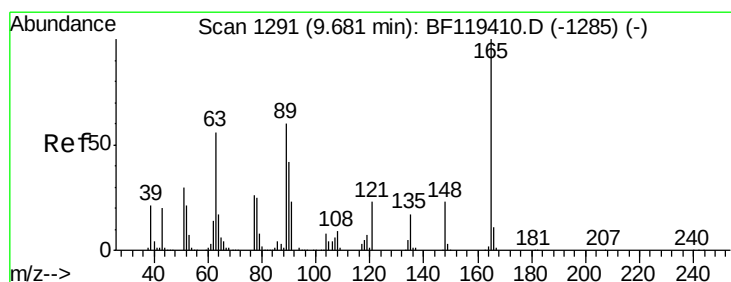
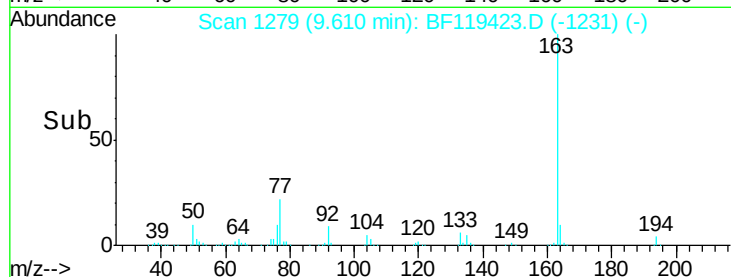
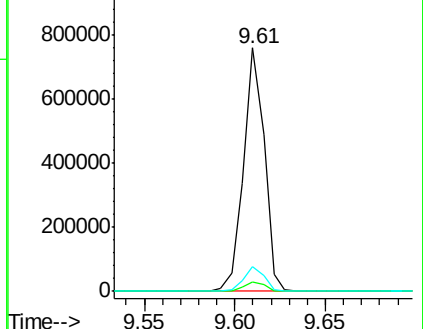
164 10.2 8.1 12.1



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: 0.69 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

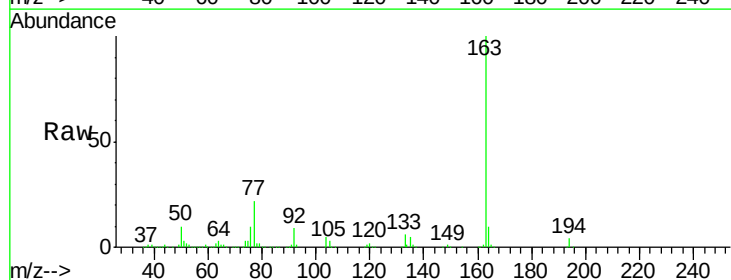
Tgt Ion:165 Resp: 7101

Ion Ratio Lower Upper

165 100

63 157.0 57.3 85.9#

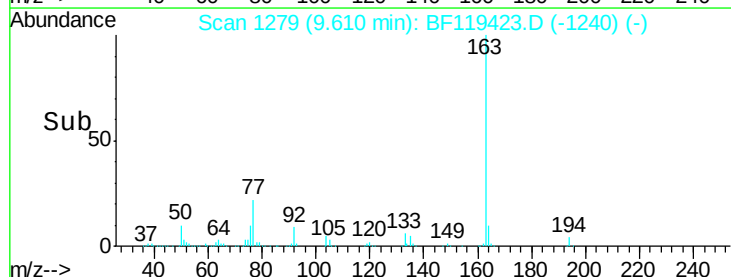
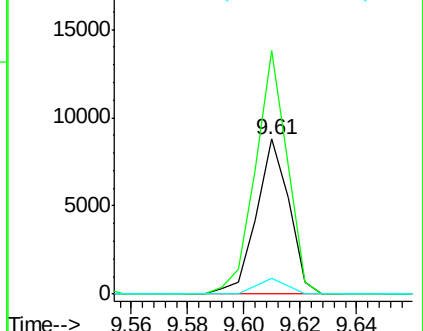
89 9.8 47.8 71.8#



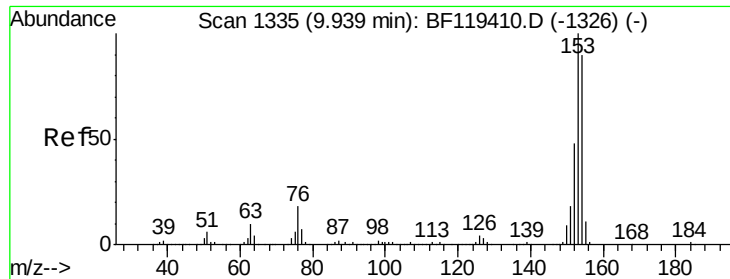
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1







#52

Acenaphthene

Concen: 0.04 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

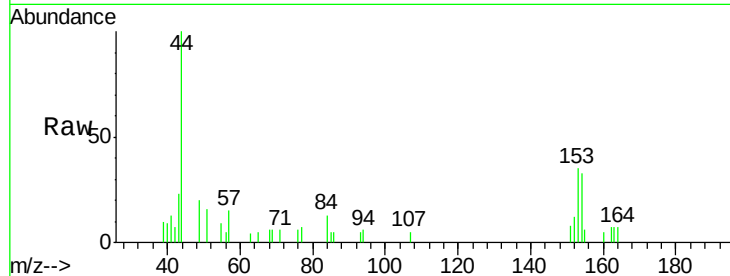
Tgt Ion:154 Resp: 1681

Ion Ratio Lower Upper

154 100

153 105.1 89.0 133.6

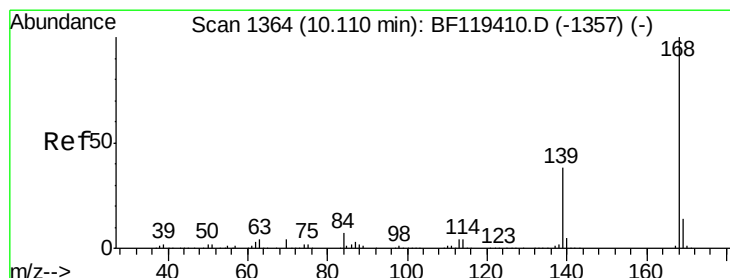
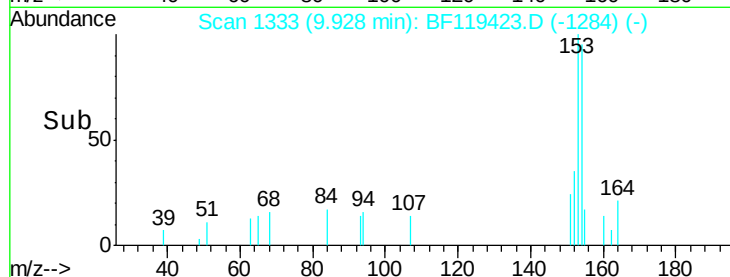
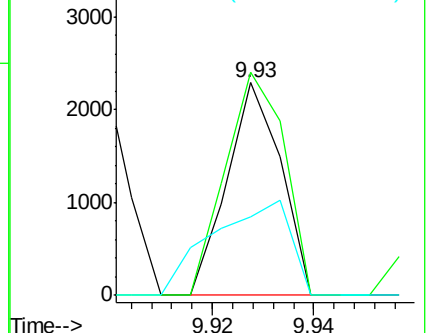
152 37.1 43.1 64.7#



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



#55

Dibenzofuran

Concen: 0.03 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

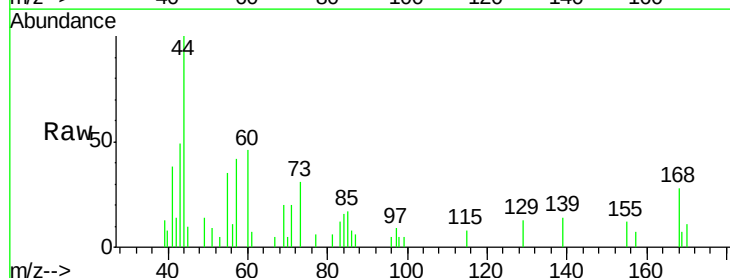
Tgt Ion:168 Resp: 1999

Ion Ratio Lower Upper

168 100

139 50.0 30.2 45.4#

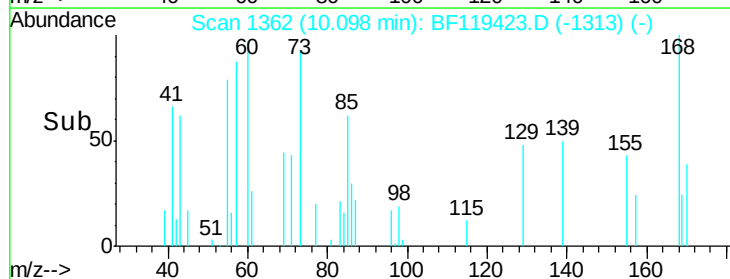
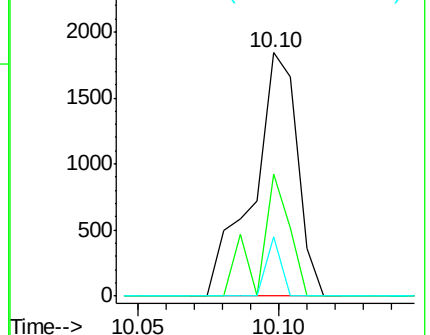
169 24.2 11.1 16.7#

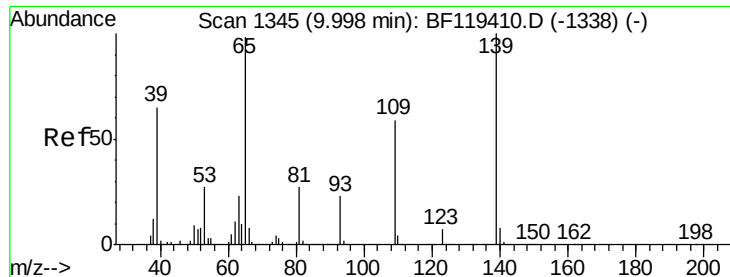


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

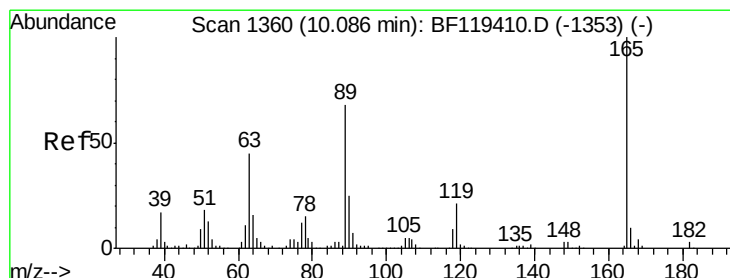
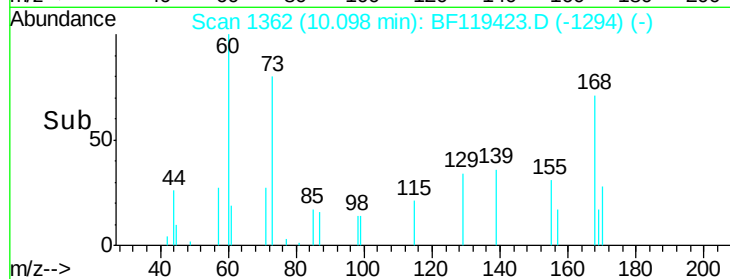
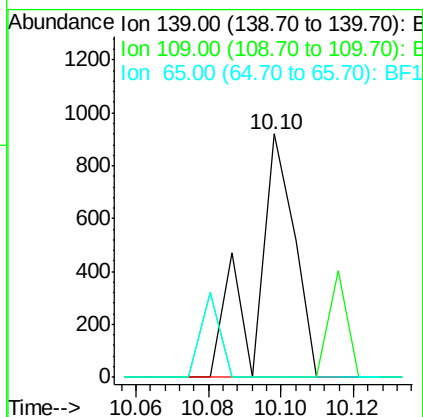
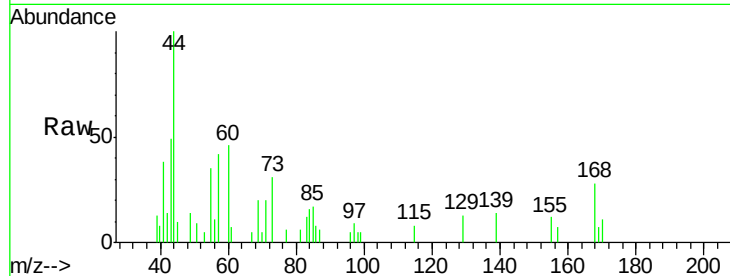




#56  
4-Nitrophenol  
Concen: 0.07 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. 0.10 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

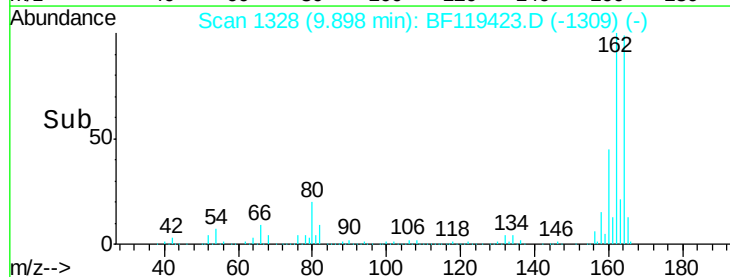
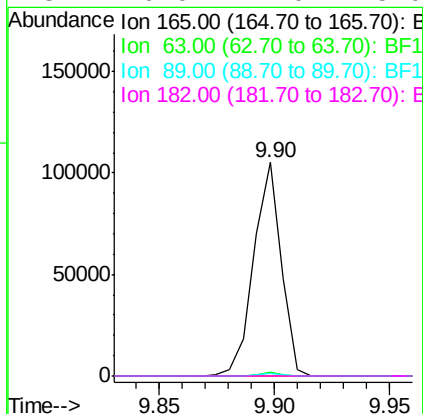
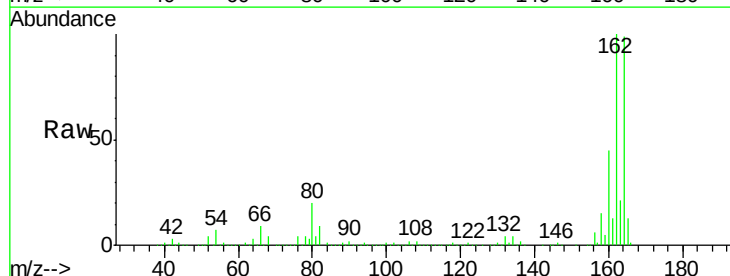
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

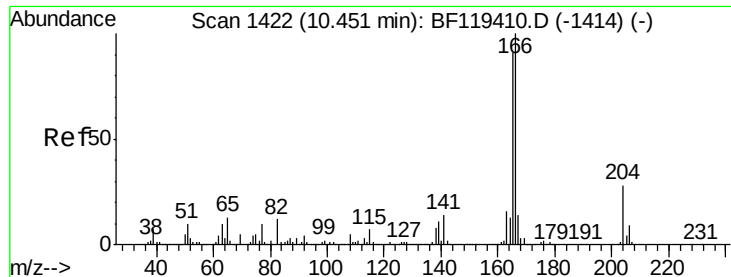
Tgt Ion:139 Resp: 674  
Ion Ratio Lower Upper  
139 100  
109 0.0 39.6 79.6#  
65 0.0 78.3 118.3#



#57  
2,4-Dinitrotoluene  
Concen: 6.79 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.19 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion:165 Resp: 88078  
Ion Ratio Lower Upper  
165 100  
63 1.7 36.2 54.4#  
89 1.3 54.3 81.5#  
182 0.0 2.0 3.0#





#58

Fluorene

Concen: 0.03 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

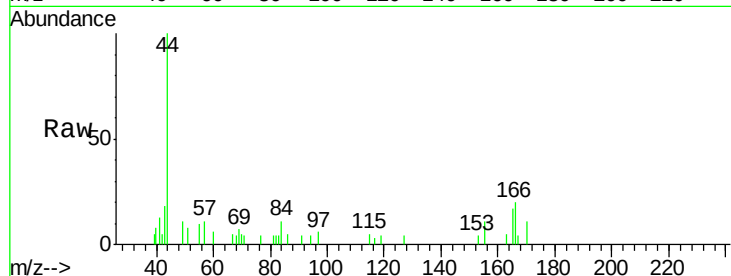
Tgt Ion:166 Resp: 1543

Ion Ratio Lower Upper

166 100

165 86.1 73.1 109.7

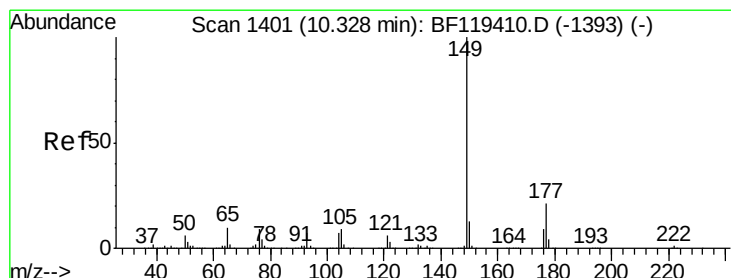
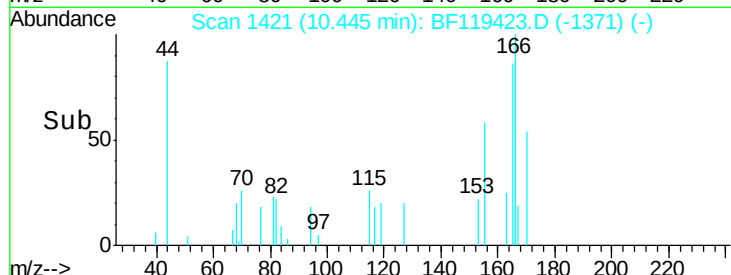
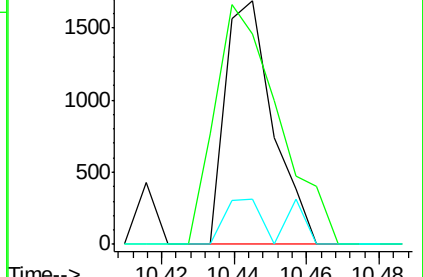
167 18.6 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.03 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

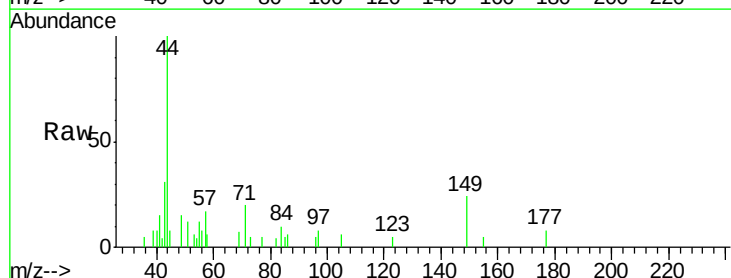
Tgt Ion:149 Resp: 1296

Ion Ratio Lower Upper

149 100

177 32.1 17.0 25.6#

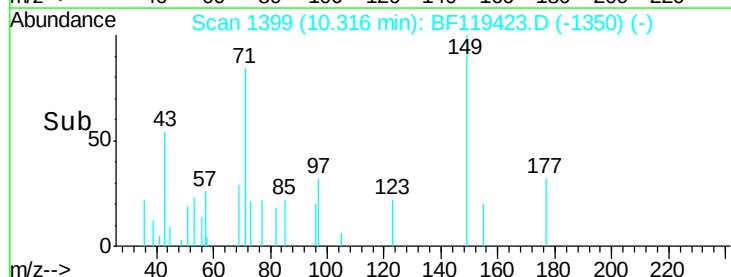
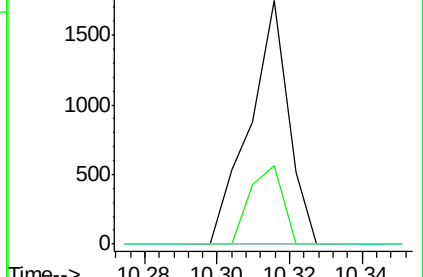
150 0.0 10.2 15.4#

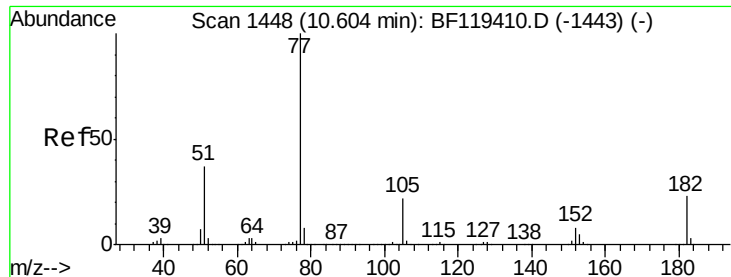


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.02 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

Tgt Ion: 77 Resp: 829

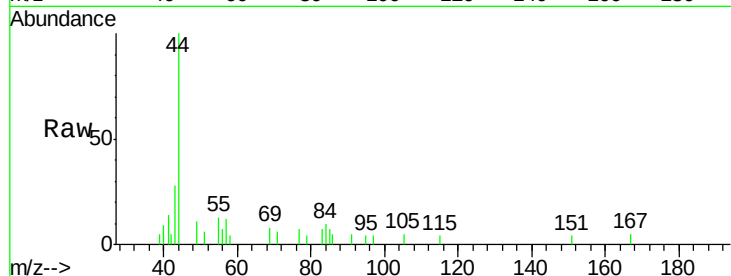
Ion Ratio Lower Upper

77 100

182 0.0 2.5 42.5#

105 83.1 2.5 42.5#

51 94.1 17.1 57.1#

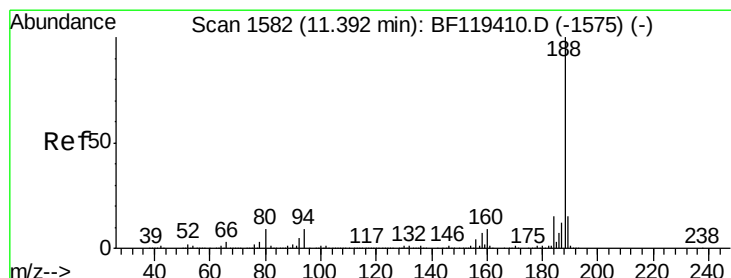
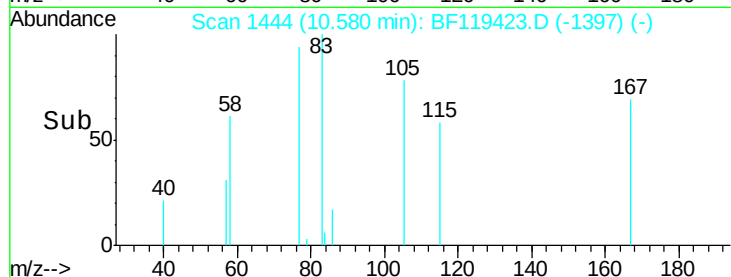
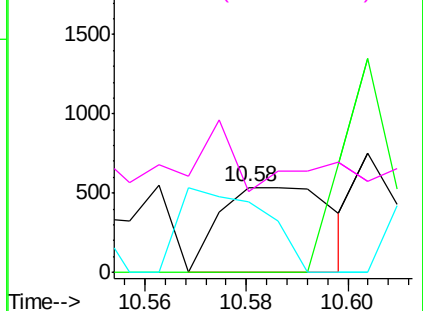


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

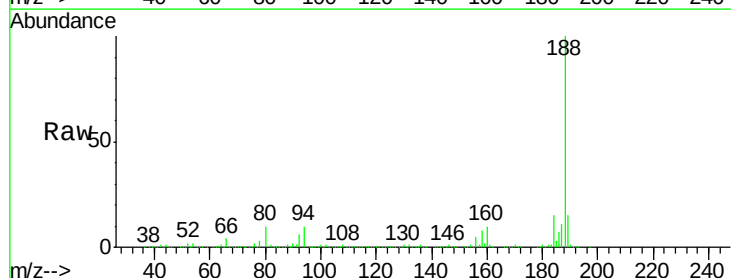
Tgt Ion: 188 Resp: 1203341

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

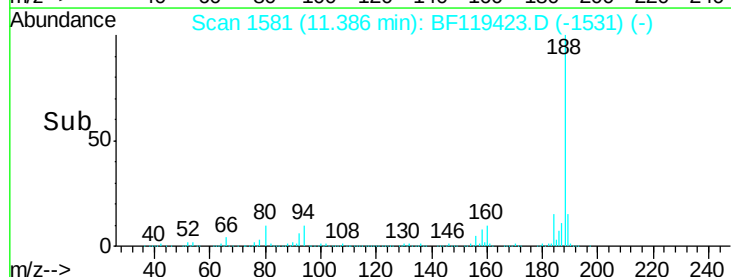
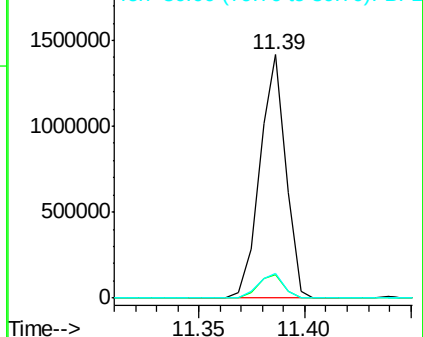
80 10.0 7.5 11.3

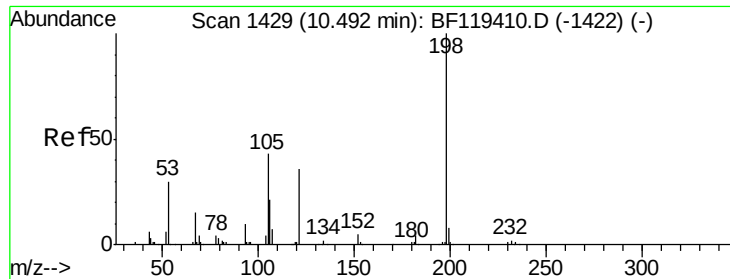


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

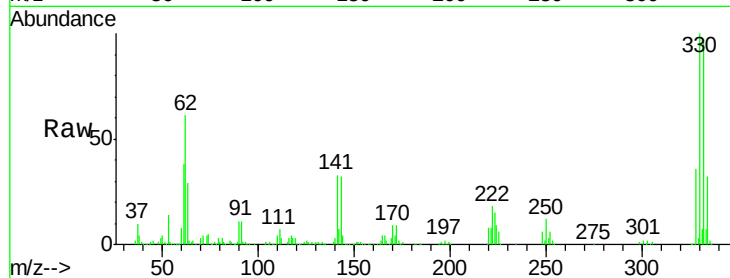




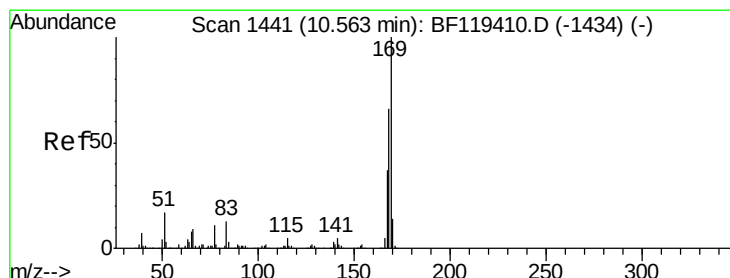
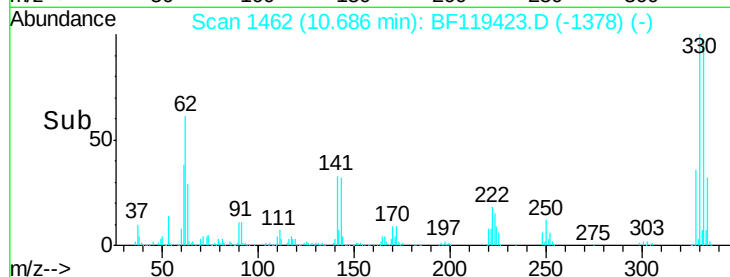
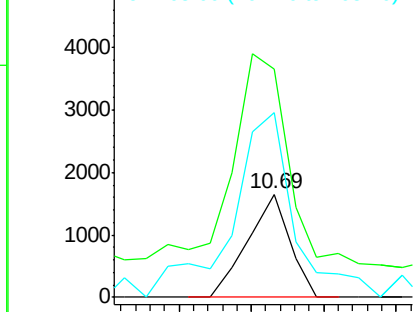
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.26 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. 0.19 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-10-SA

Tgt Ion:198 Resp: 1333  
 Ion Ratio Lower Upper  
 198 100  
 51 221.0 33.1 73.1#  
 105 178.0 24.1 64.1#

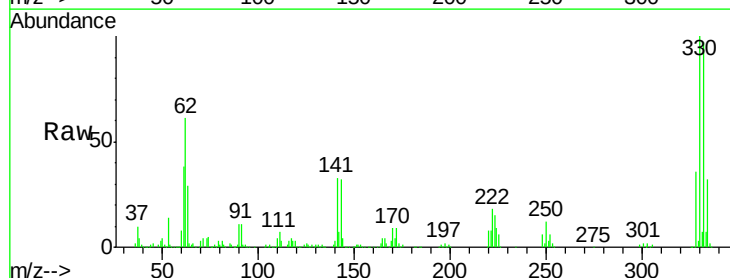


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

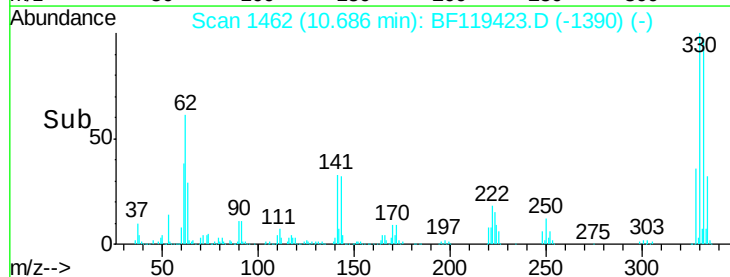
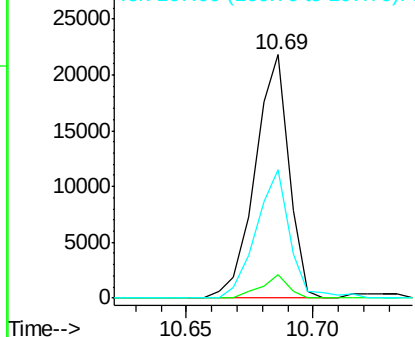


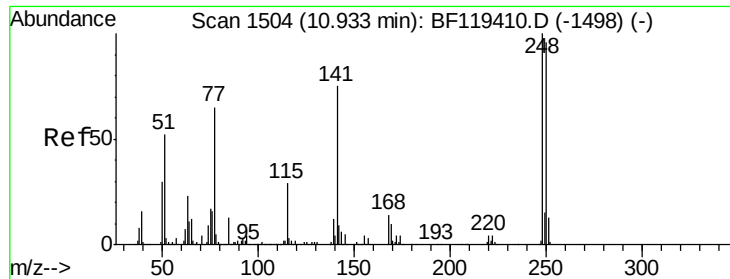
#66  
 n-Nitrosodiphenylamine  
 Concen: 0.52 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. 0.12 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

Tgt Ion:169 Resp: 20349  
 Ion Ratio Lower Upper  
 169 100  
 168 9.8 52.7 79.1#  
 167 52.7 29.3 43.9#



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

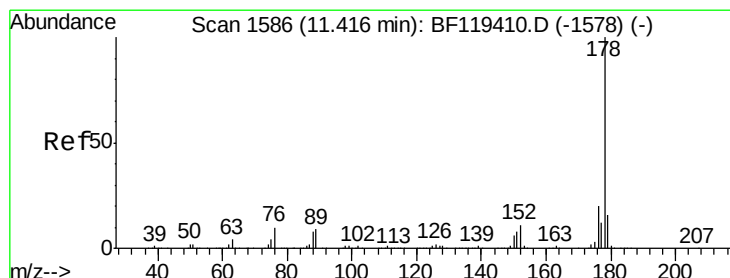
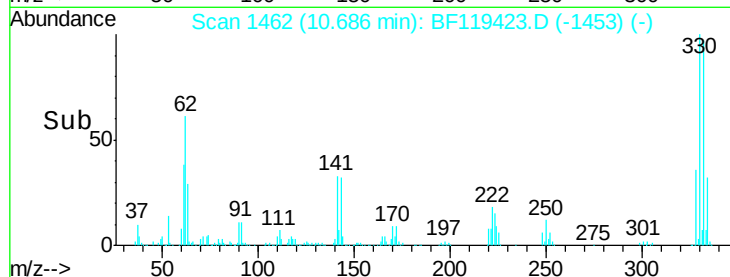
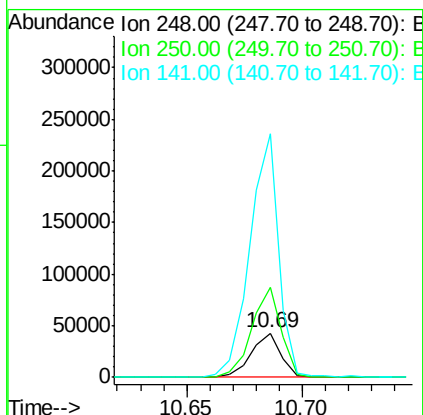
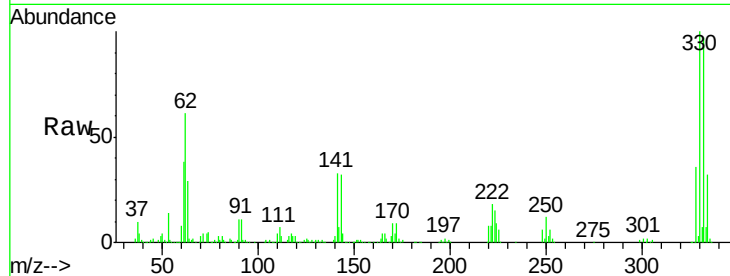




#67  
 4-Bromophenyl-phenylether  
 Concen: 2.80 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.25 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

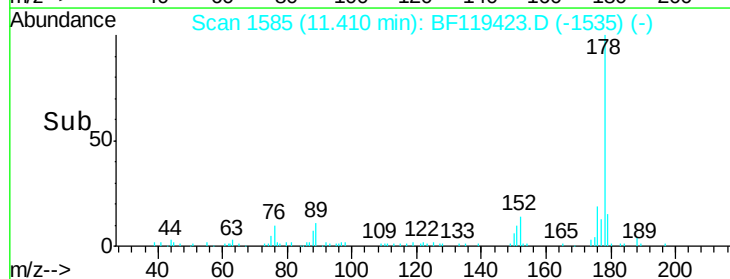
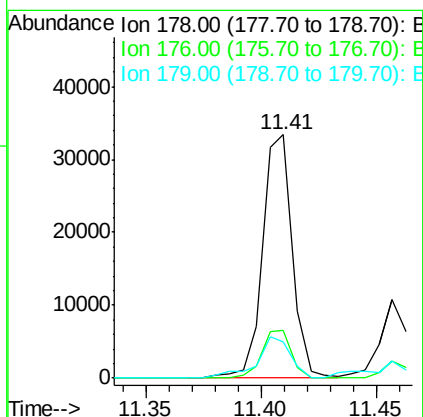
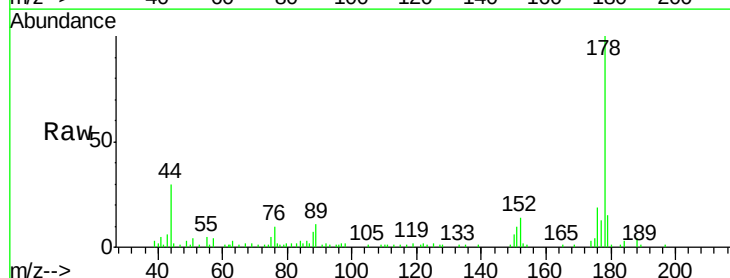
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-SA

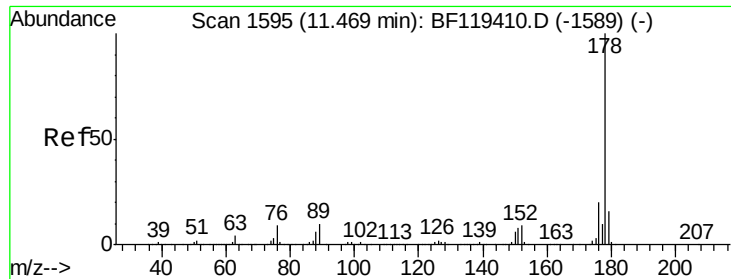
Tgt Ion: 248 Resp: 38405  
 Ion Ratio Lower Upper  
 248 100  
 250 201.6 77.0 115.6#  
 141 548.3 59.7 89.5#



#71  
 Phenanthrene  
 Concen: 0.48 ng  
 RT: 11.41 min Scan# 1585  
 Delta R.T. -0.01 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

Tgt Ion: 178 Resp: 30026  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 16.2 24.4  
 179 14.8 12.9 19.3





#72

Anthracene

Concen: 0.47 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.06 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

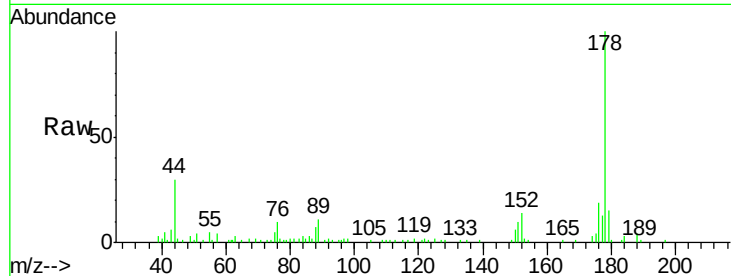
Tgt Ion:178 Resp: 30026

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

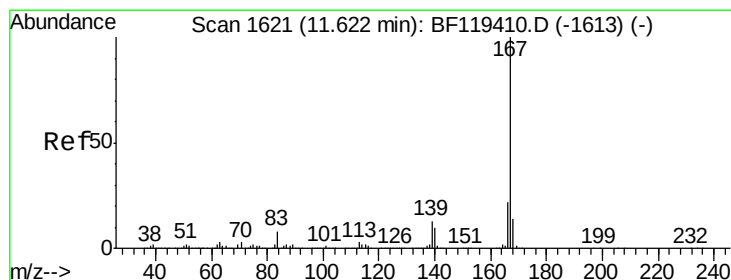
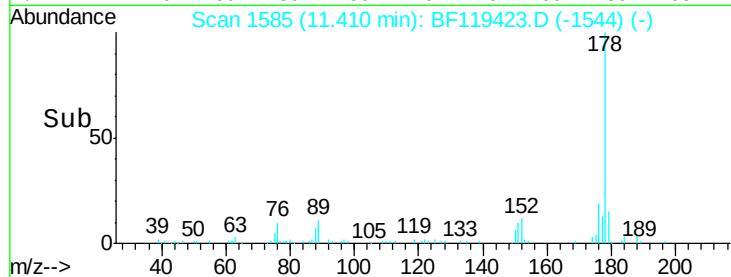
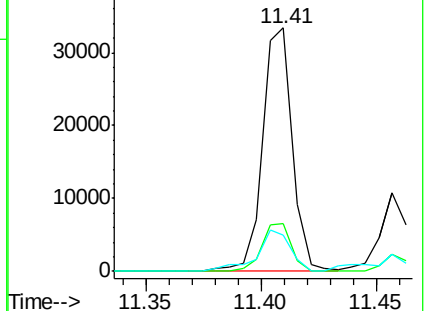
179 14.8 13.1 19.7



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: 0.05 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

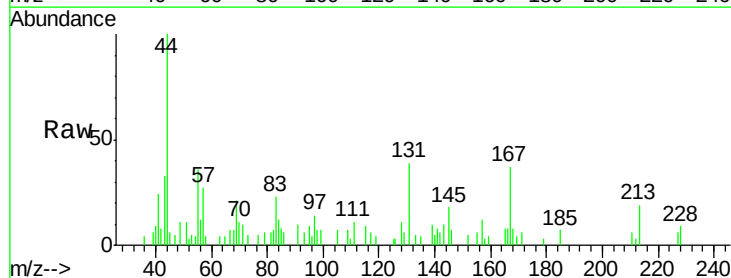
Tgt Ion:167 Resp: 3132

Ion Ratio Lower Upper

167 100

166 23.1 17.8 26.6

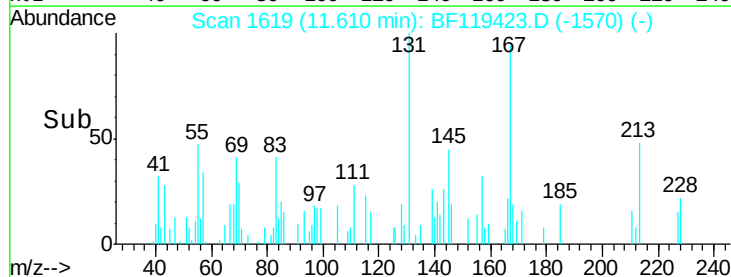
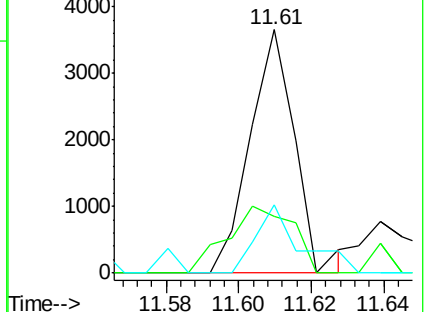
139 28.1 10.2 15.4#

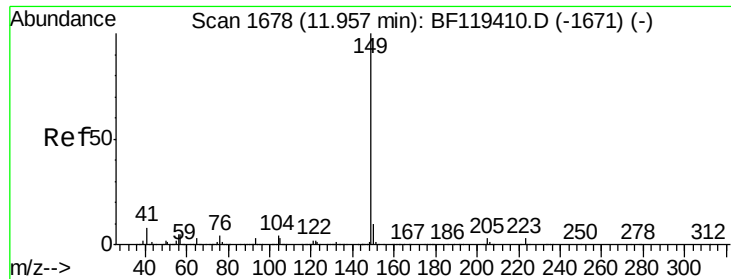


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.09 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

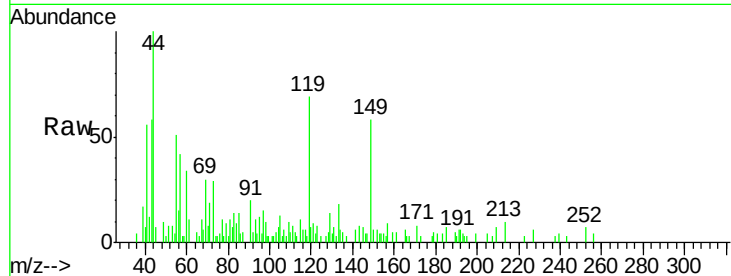
Tgt Ion:149 Resp: 6298

Ion Ratio Lower Upper

149 100

150 10.5 7.6 11.4

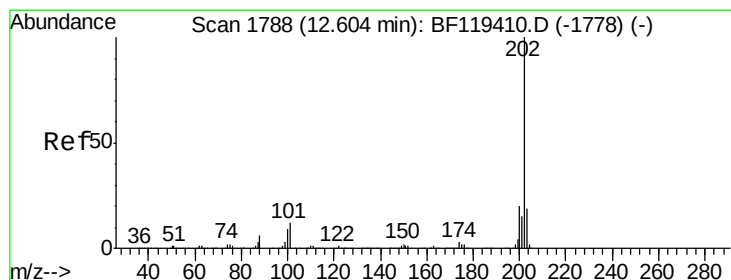
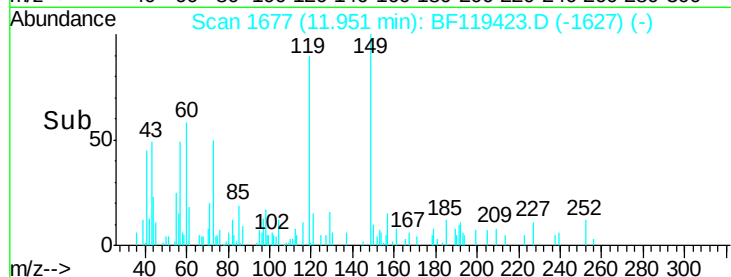
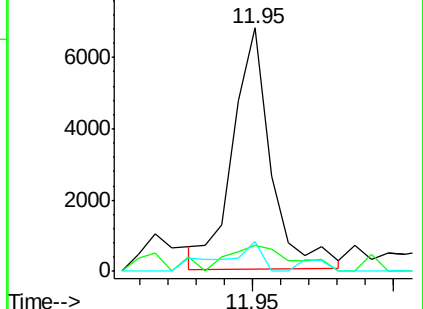
104 12.0 3.5 5.3#



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: 0.76 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

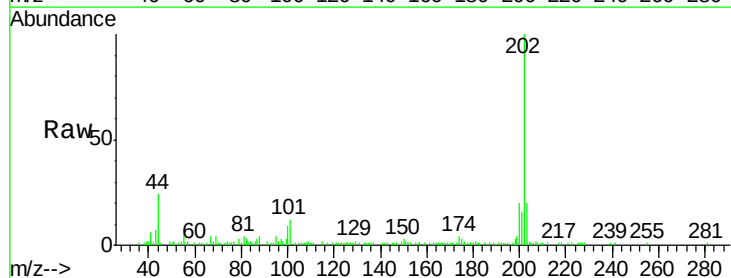
Tgt Ion:202 Resp: 51232

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.4

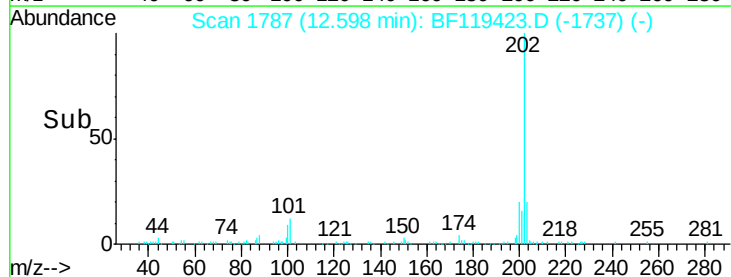
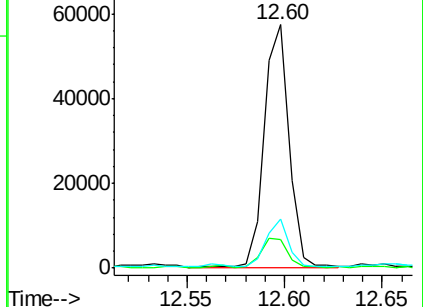
203 19.9 0.0 38.5



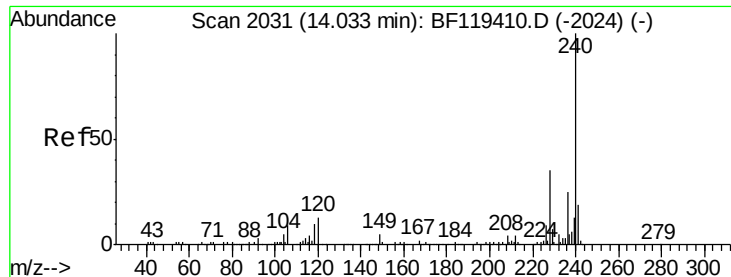
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

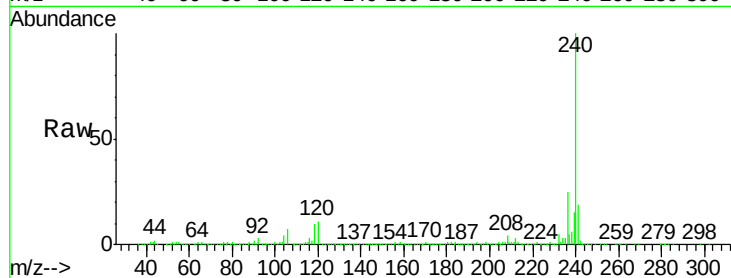
Tgt Ion:240 Resp: 712096

Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.4

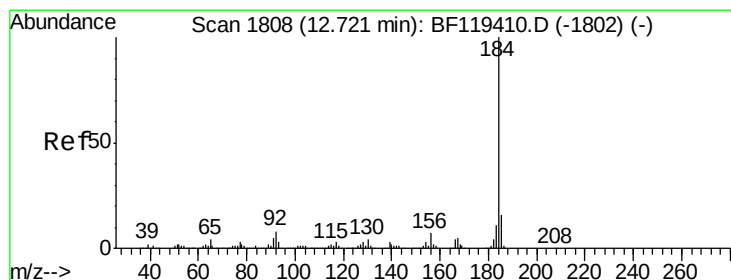
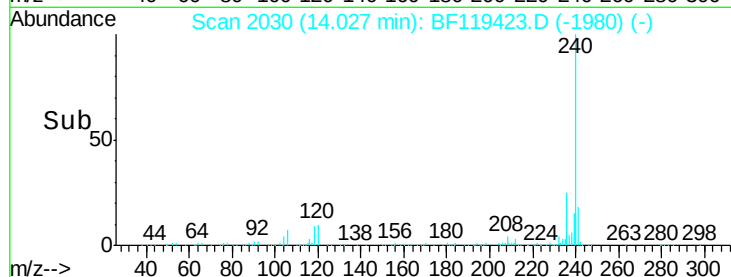
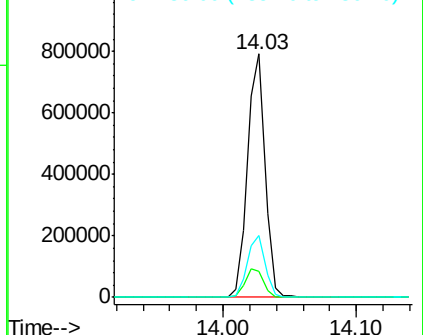
236 25.2 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.04 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.25 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

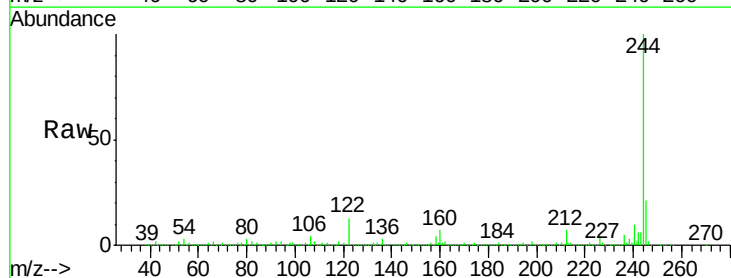
Tgt Ion:184 Resp: 31336

Ion Ratio Lower Upper

184 100

185 16.5 12.9 19.3

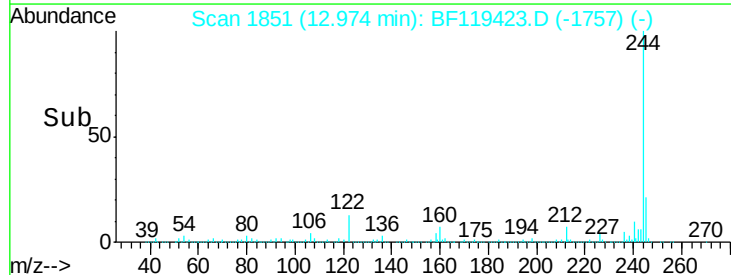
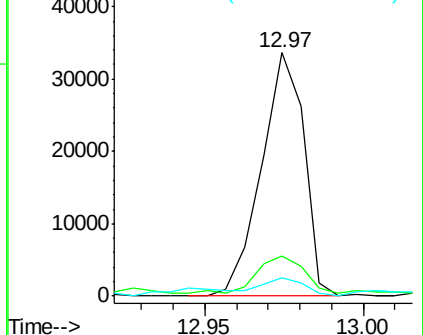
183 7.5 9.0 13.4#

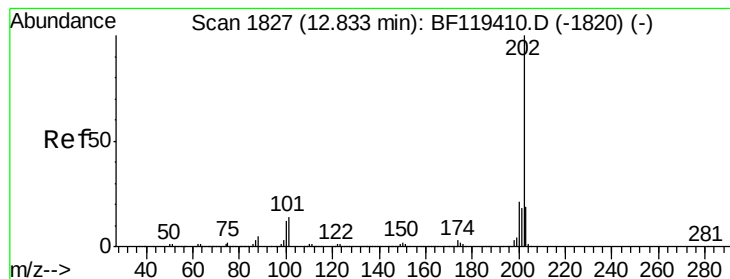


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.80 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

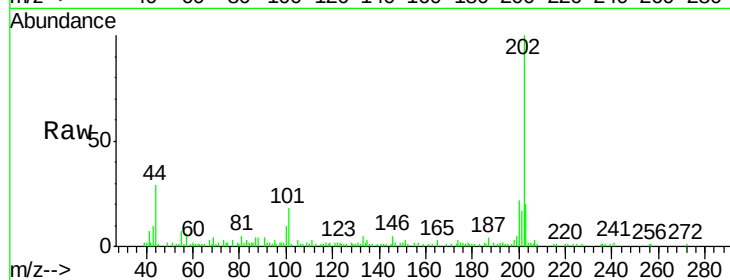
Tgt Ion:202 Resp: 46667

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

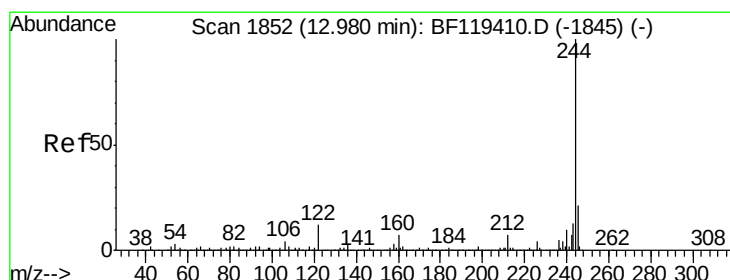
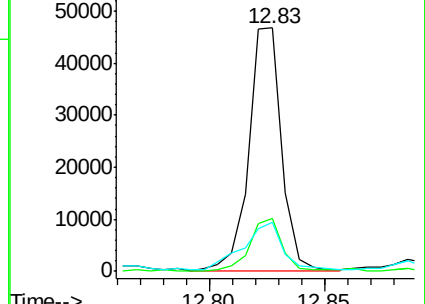
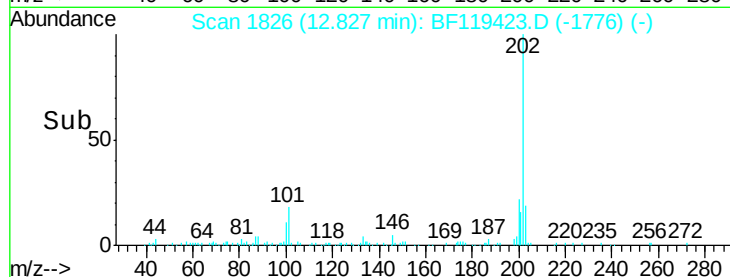
203 20.0 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 69.10 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

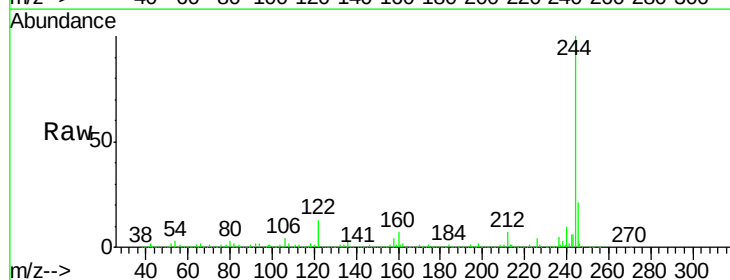
Tgt Ion:244 Resp: 2511483

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

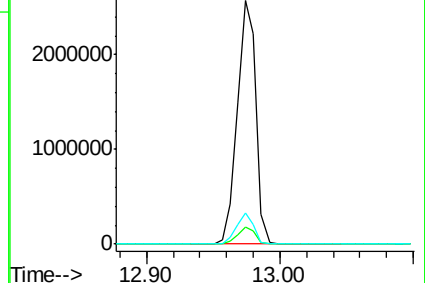
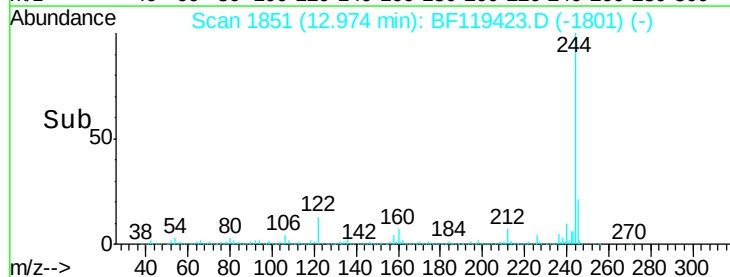
122 12.7 9.8 14.8

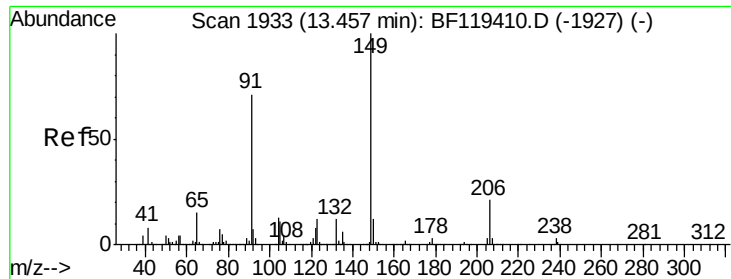


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

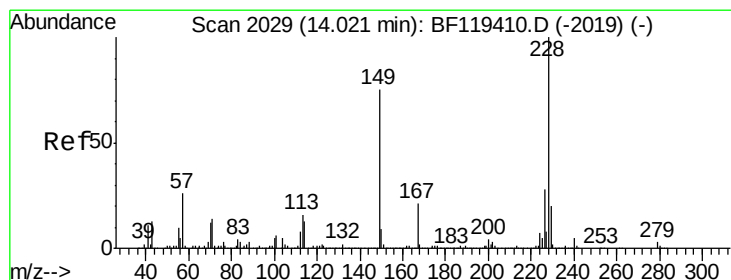
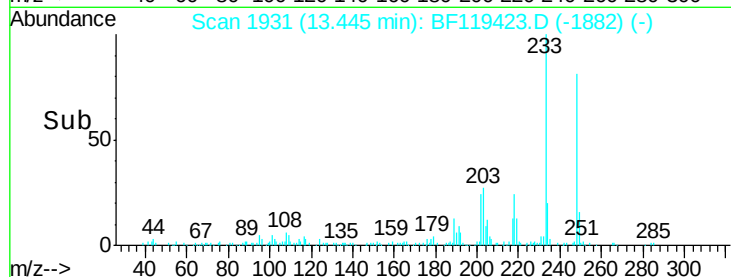
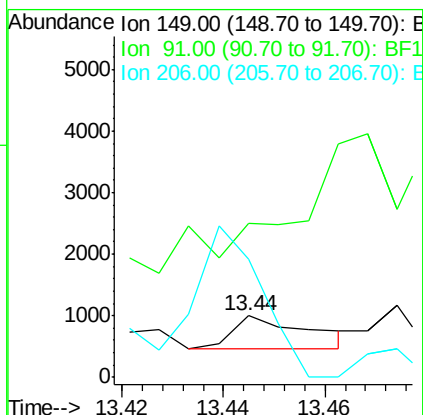
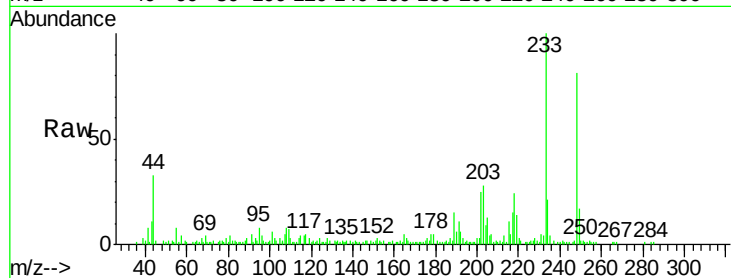




#80  
Butylbenzylphthalate  
Concen: 0.02 ng  
RT: 13.44 min Scan# 1931  
Delta R.T. -0.01 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

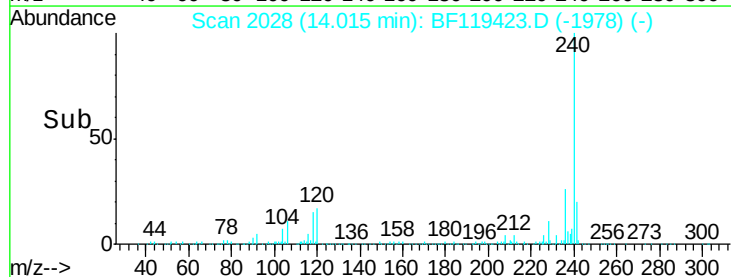
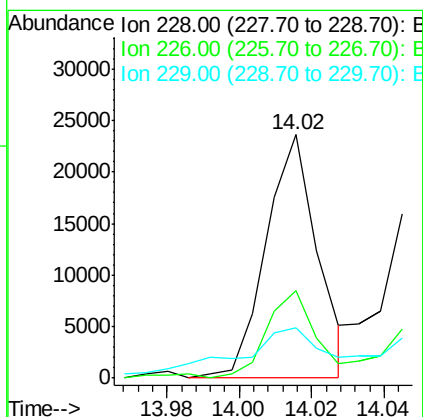
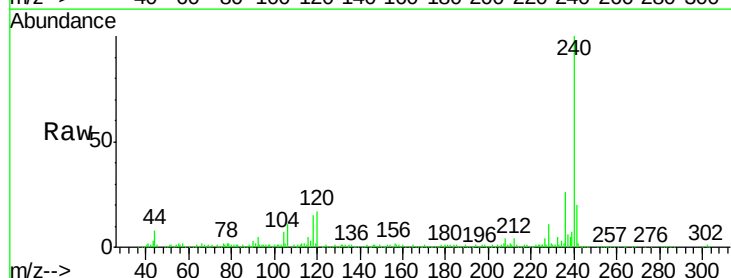
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

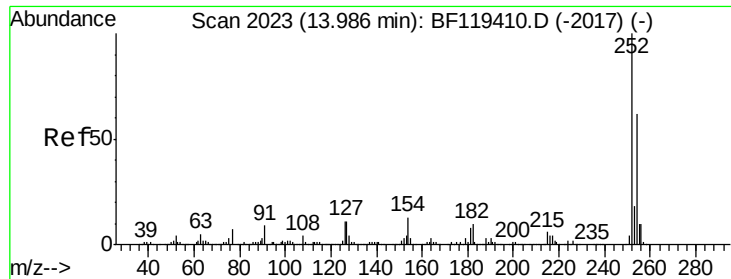
Tgt Ion:149 Resp: 567  
Ion Ratio Lower Upper  
149 100  
91 250.1 57.0 85.6#  
206 190.7 16.4 24.6#



#81  
Benzo(a)anthracene  
Concen: 0.50 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. -0.01 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

Tgt Ion:228 Resp: 23316  
Ion Ratio Lower Upper  
228 100  
226 35.7 22.3 33.5#  
229 20.6 16.3 24.5





#82

3,3'-Dichlorobenzidine

Concen: 0.05 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampled :

TP-10-SA

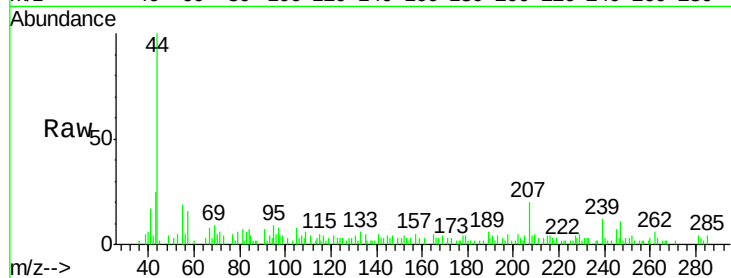
Tgt Ion:252 Resp: 941

Ion Ratio Lower Upper

252 100

254 0.0 49.8 74.8#

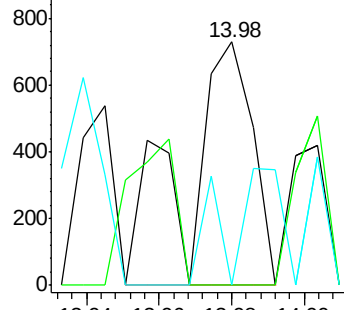
126 0.0 8.9 13.3#



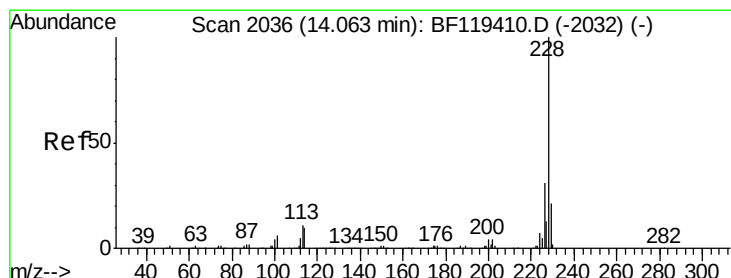
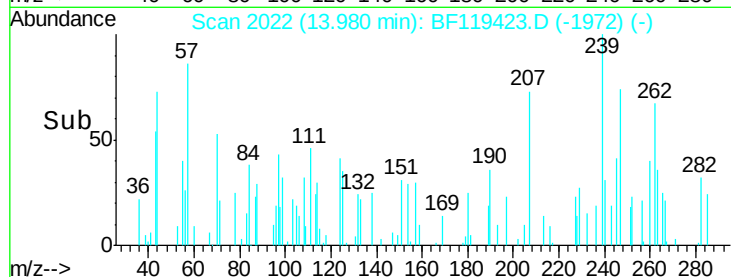
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 0.49 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.05 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

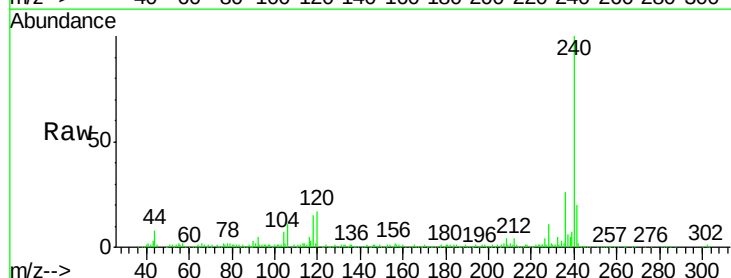
Tgt Ion:228 Resp: 23316

Ion Ratio Lower Upper

228 100

226 35.7 24.8 37.2

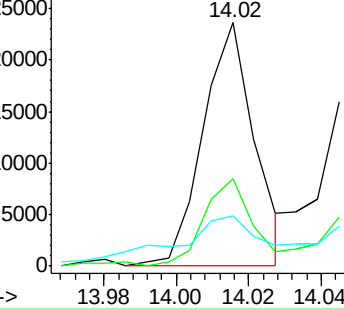
229 20.6 16.6 25.0



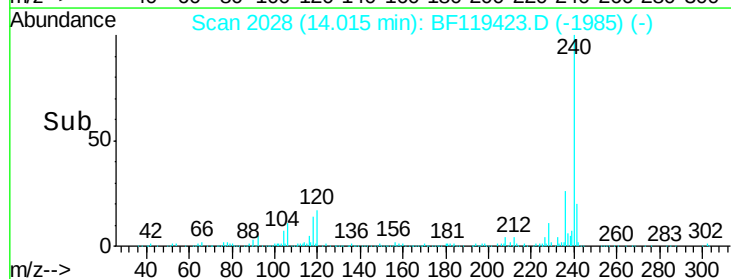
Abundance Ion 228.00 (227.70 to 228.70): E

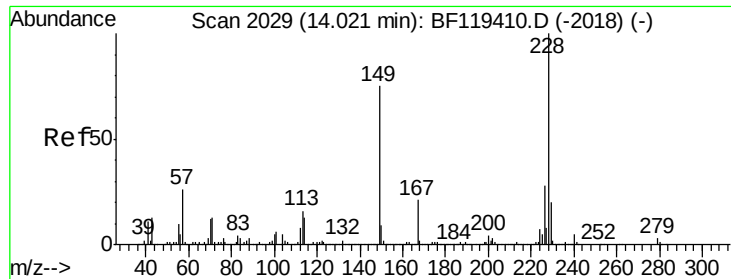
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

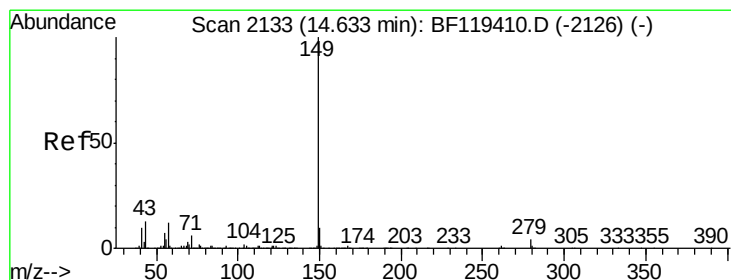
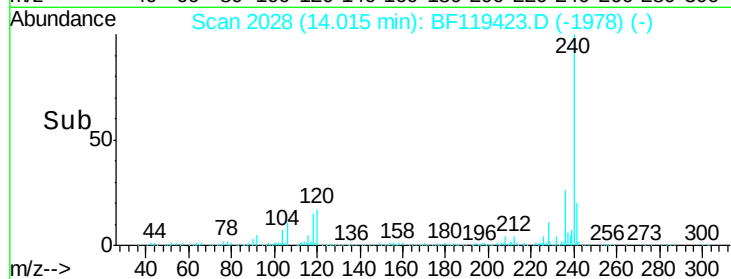
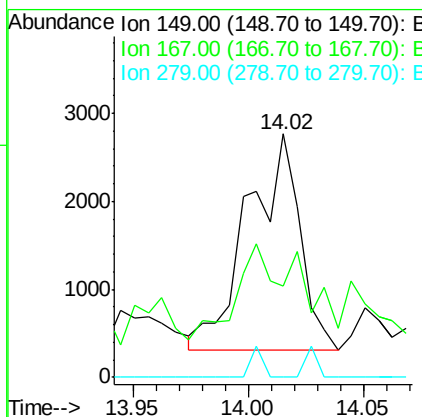
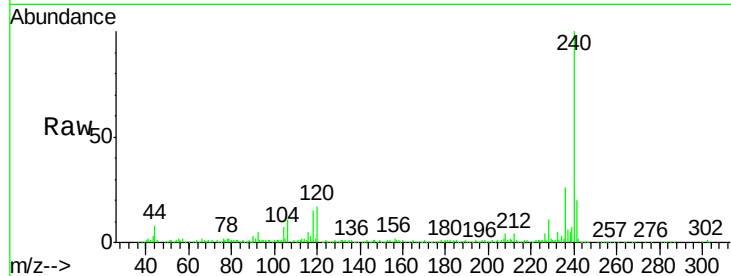




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.14 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. -0.01 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

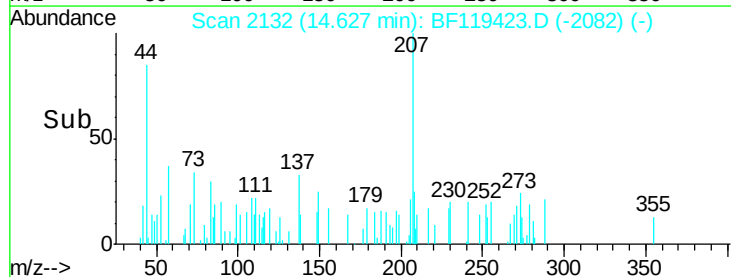
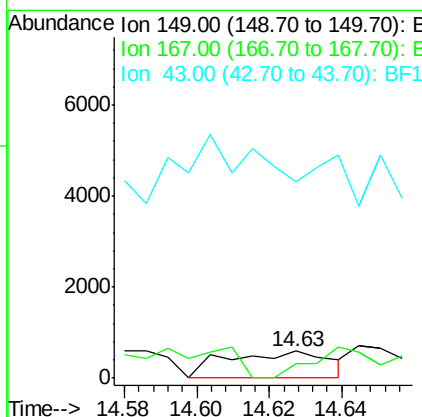
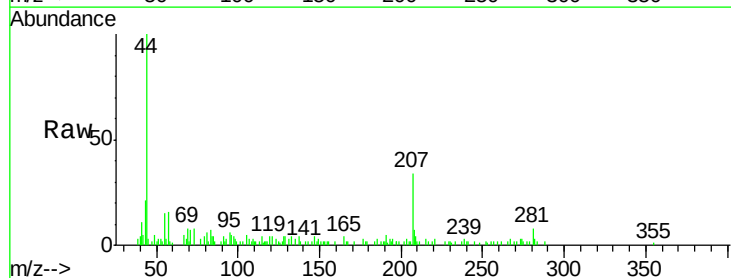
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-10-SA

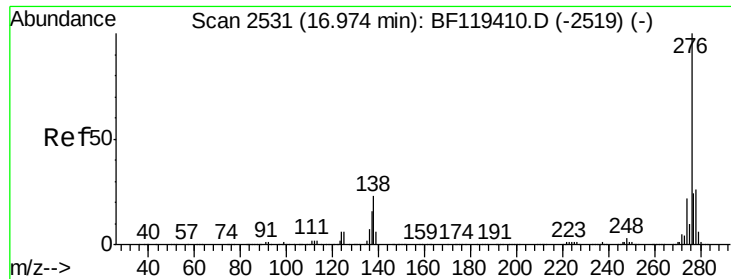
Tgt Ion:149 Resp: 3831  
 Ion Ratio Lower Upper  
 149 100  
 167 37.6 22.0 33.0#  
 279 0.0 3.2 4.8#



#85  
 Di-n-octyl phthalate  
 Concen: 0.02 ng  
 RT: 14.63 min Scan# 2132  
 Delta R.T. -0.01 min  
 Lab File: BF119423.D  
 Acq: 18 Mar 2020 19:01

Tgt Ion:149 Resp: 1161  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.1 1.7#  
 43 0.0 10.1 15.1#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.23 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

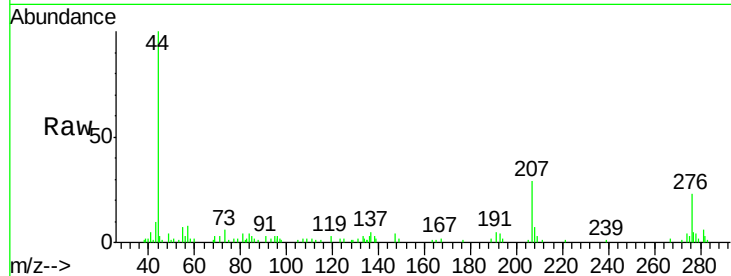
Tgt Ion:276 Resp: 10405

Ion Ratio Lower Upper

276 100

138 14.9 21.3 31.9#

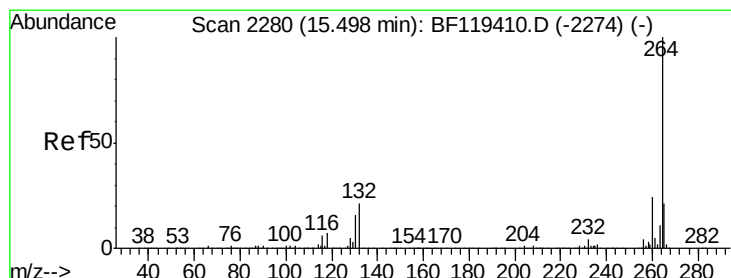
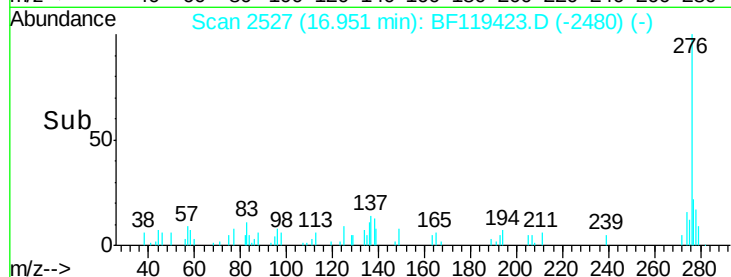
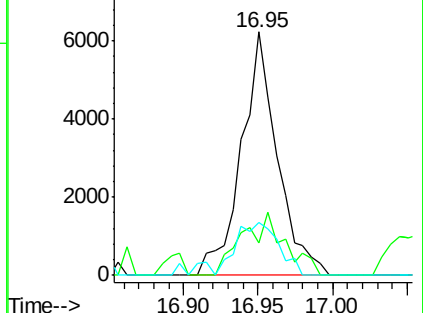
277 25.6 20.2 30.2



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: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

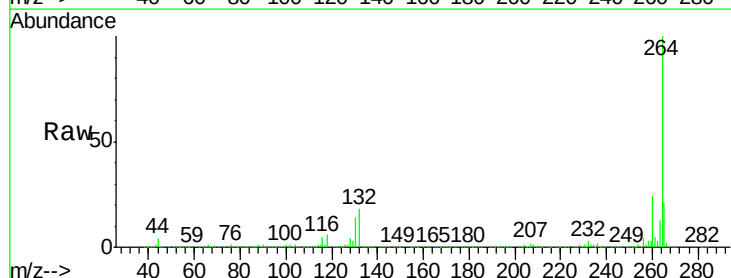
Tgt Ion:264 Resp: 633227

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

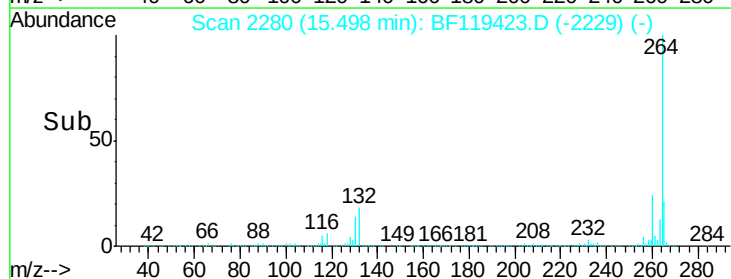
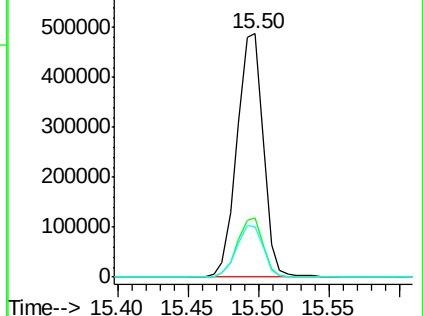
265 20.9 16.9 25.3

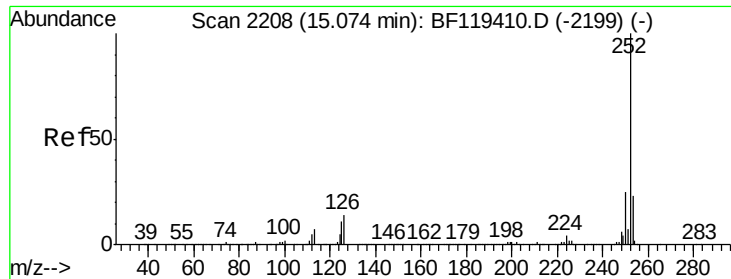


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

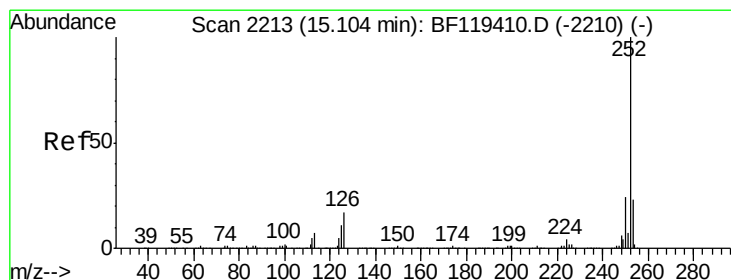
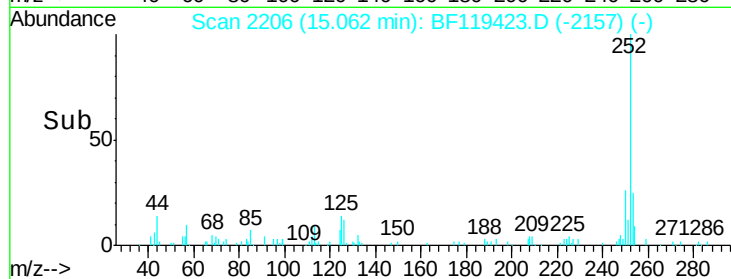
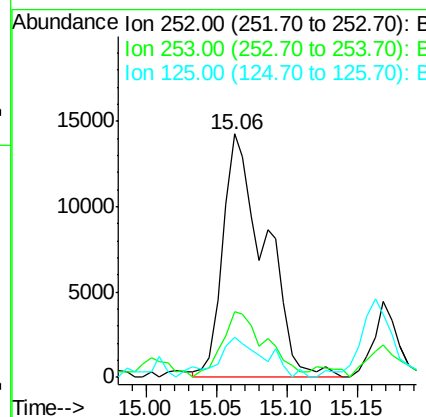
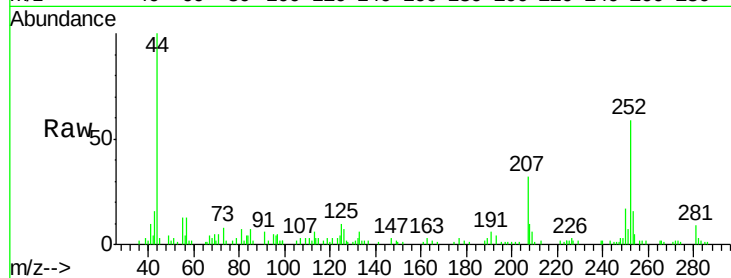




#88  
Benzo(b)fluoranthene  
Concen: 0.71 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. -0.01 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

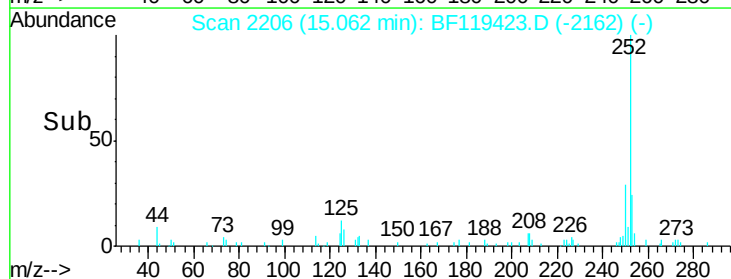
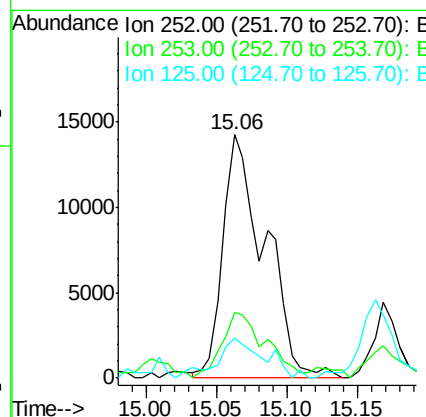
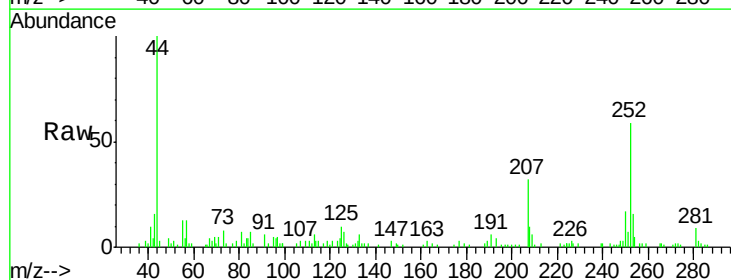
Instrument :  
BNA\_F  
ClientSampleId :  
TP-10-SA

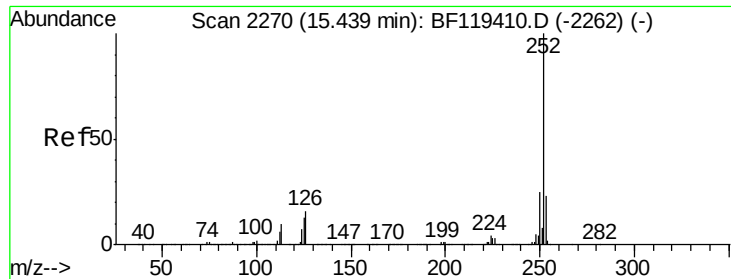
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.9  | 18.2  | 27.4  |
| 125     | 16.6  | 8.8   | 13.2# |



#89  
Benzo(k)fluoranthene  
Concen: 0.74 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. -0.04 min  
Lab File: BF119423.D  
Acq: 18 Mar 2020 19:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.9  | 18.2  | 27.4  |
| 125     | 16.6  | 9.0   | 13.4# |





#90

Benzo(a)pyrene

Concen: 0.45 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

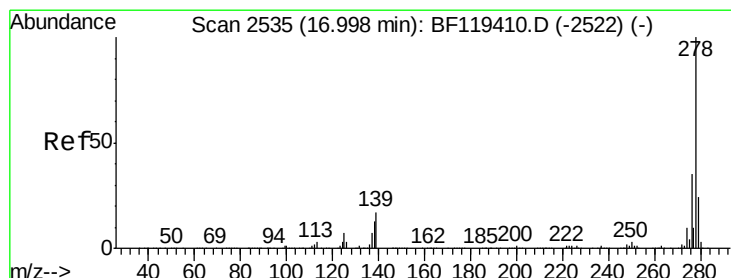
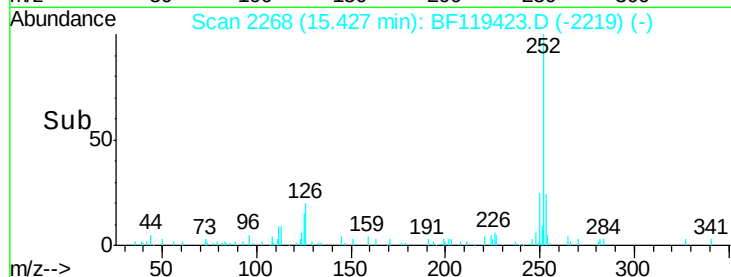
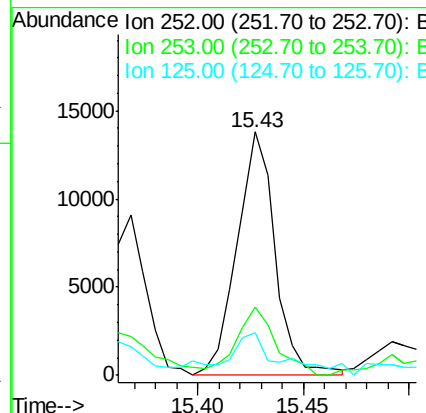
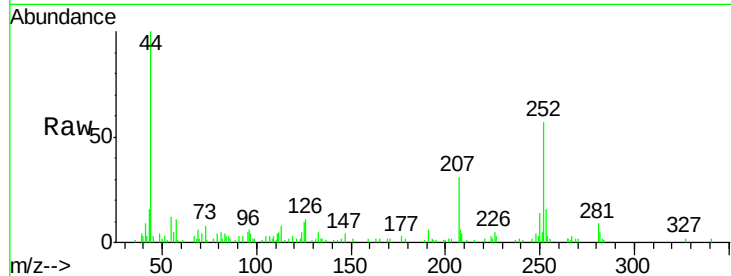
Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 17245 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 27.8  | 18.2  | 27.4# |
| 125      | 17.5  | 10.2  | 15.2# |



#91

Dibenzo(a,h)anthracene

Concen: 0.06 ng

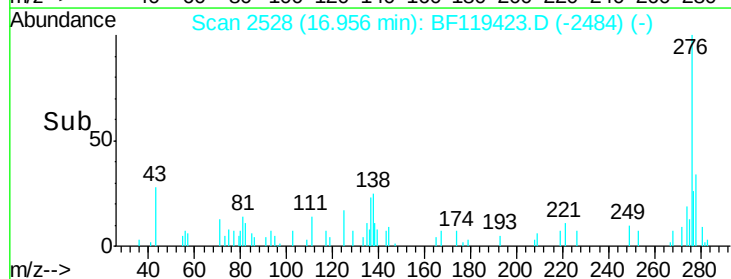
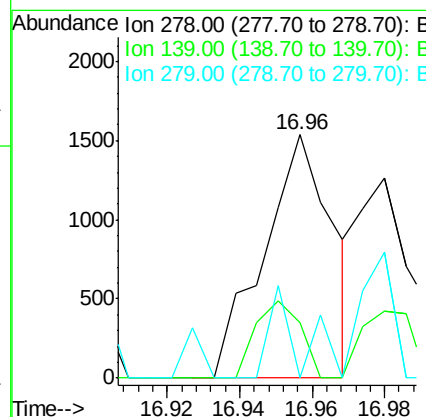
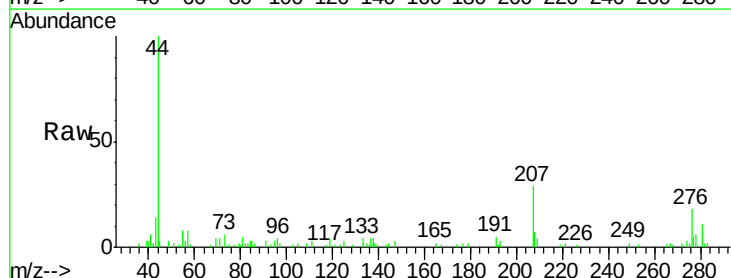
RT: 16.96 min Scan# 2528

Delta R.T. -0.04 min

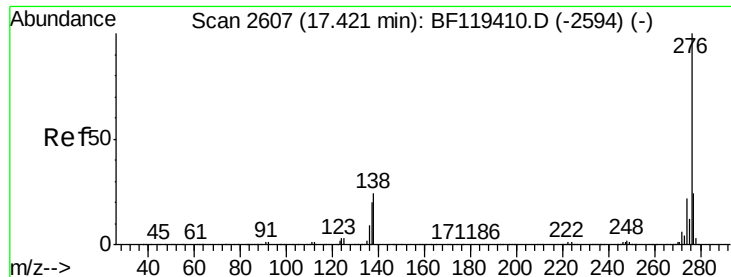
Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 2021  |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 22.6  | 13.7  | 20.5# |
| 279      | 0.0   | 19.2  | 28.8# |







#92

Benzo(g,h,i)perylene

Concen: 0.30 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF119423.D

Acq: 18 Mar 2020 19:01

Instrument :

BNA\_F

ClientSampleId :

TP-10-SA

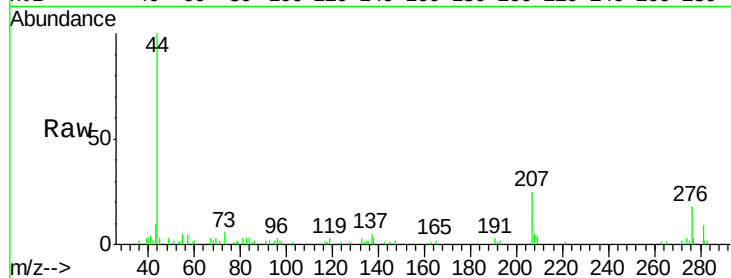
Tgt Ion: 276 Resp: 9986

Ion Ratio Lower Upper

276 100

277 18.8 18.8 28.2

138 19.4 19.1 28.7



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

