

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060117\  
 Data File : BF095597.D  
 Acq On : 1 Jun 2017 16:28  
 Operator : SJ/MA  
 Sample : I3379-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S22-0022

Quant Time: Jun 17 00:45:30 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 17 00:02:21 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.53  | 152  | 93618    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.57  | 136  | 384236   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.39 | 164  | 176618   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.80 | 188  | 341116   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.49 | 240  | 293311   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.17 | 264  | 204331   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

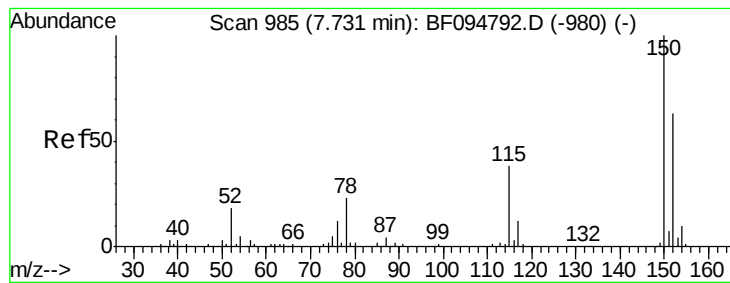
|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 324048  | 57.71  | ng | 0.01  |
| 7) Phenol-d6             | 7.10  | 99  | 242393  | 35.98  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.45  | 82  | 541785  | 88.91  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.69 | 330 | 203898  | 140.96 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 11.35 | 172 | 1026694 | 83.67  | ng | 0.00  |
| 78) Terphenyl-d14        | 17.15 | 244 | 968349  | 72.72  | ng | 0.00  |

## Target Compounds

|                                |       |     |       |        |    | Qvalue |
|--------------------------------|-------|-----|-------|--------|----|--------|
| 6) Aniline                     | 7.19  | 93  | 552   | 0.065  | ng | # 1    |
| 10) Phenol                     | 7.13  | 94  | 1295  | 0.182  | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 7.19  | 93  | 552   | 0.094  | ng | # 1    |
| 15) Benzyl Alcohol             | 7.77  | 79  | 7353  | 1.697  | ng | # 32   |
| 19) n-Nitroso-di-n-propylamine | 8.45  | 70  | 66306 | 14.551 | ng | # 72   |
| 24) Nitrobenzene               | 8.45  | 77  | 950   | 0.149  | ng | # 35   |
| 25) Isophorone                 | 8.87  | 82  | 130   | 0.012  | ng | # 67   |
| 45) 1,1'-Biphenyl              | 11.53 | 154 | 1315  | 0.088  | ng | # 42   |
| 49) Dimethylphthalate          | 12.05 | 163 | 44971 | 3.102  | ng | # 99   |
| 50) 2,6-Dinitrotoluene         | 12.39 | 165 | 21371 | 7.225  | ng | # 31   |
| 51) Acenaphthene               | 12.40 | 154 | 448   | 0.040  | ng | # 4    |
| 59) Diethylphthalate           | 13.19 | 149 | 1610  | 0.116  | ng | # 60   |
| 62) Azobenzene                 | 13.69 | 77  | 840   | 0.075  | ng | # 19   |
| 64) 4,6-Dinitro-2-methylphenol | 13.69 | 198 | 131   | 0.057  | ng | # 1    |
| 65) n-Nitrosodiphenylamine     | 13.69 | 169 | 7394  | 0.597  | ng | # 37   |
| 73) Di-n-butylphthalate        | 15.79 | 149 | 5064  | 0.223  | ng | # 94   |
| 77) Pyrene                     | 16.95 | 202 | 127   | 0.006  | ng | # 56   |
| 79) Butylbenzylphthalate       | 17.82 | 149 | 411   | 0.040  | ng | # 32   |
| 80) Benzo(a)anthracene         | 18.48 | 228 | 976   | 0.057  | ng | # 50   |
| 82) Chrysene                   | 18.53 | 228 | 1213  | 0.073  | ng | # 74   |
| 83) Bis(2-ethylhexyl)phthalate | 18.56 | 149 | 1897  | 0.130  | ng | # 83   |
| 84) Di-n-octyl phthalate       | 19.37 | 149 | 113   | 0.005  | ng | # 1    |
| 89) Benzo(a)pyrene             | 20.17 | 252 | 477   | 0.041  | ng | # 59   |

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

```
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Data File : BF095597.D  
Acq On    : 1 Jun 2017 16:28  
Operator  : SJ/MA  
Sample    : I3379-01  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
```

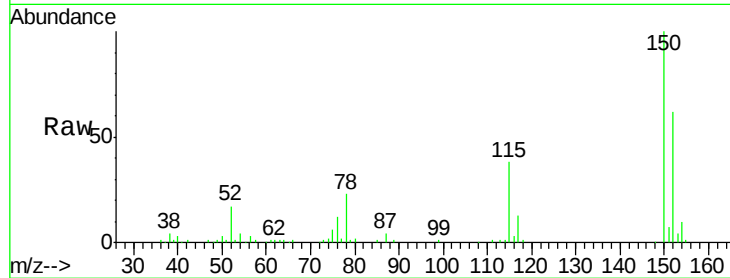


#1

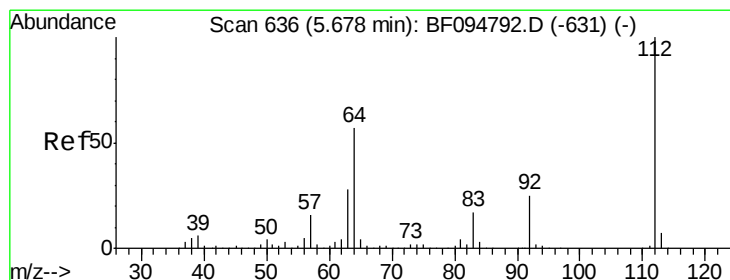
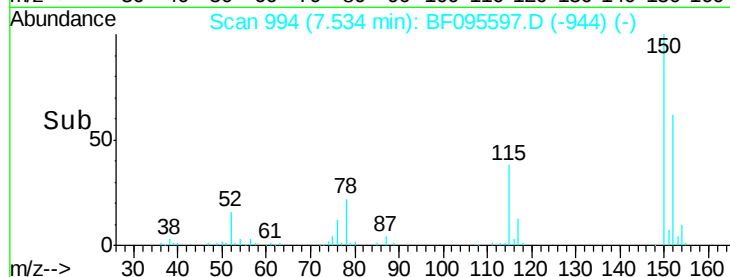
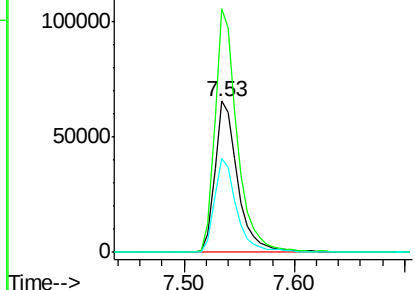
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.53 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
S22-0022

Tgt Ion:152 Resp: 93618  
Ion Ratio Lower Upper  
152 100  
150 161.2 126.2 189.2  
115 62.0 52.2 78.2



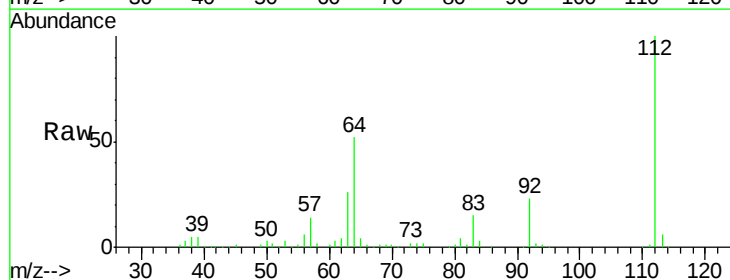
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



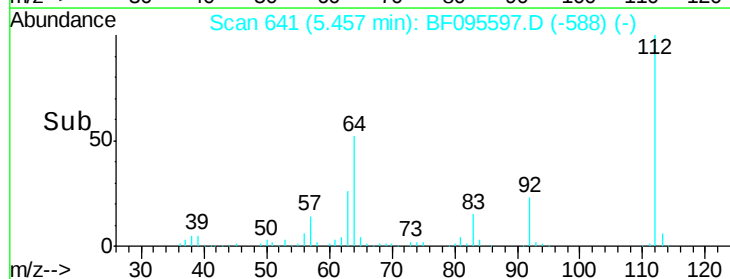
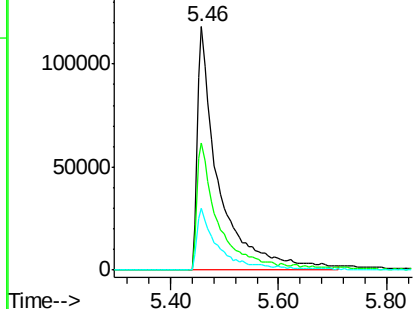
#5

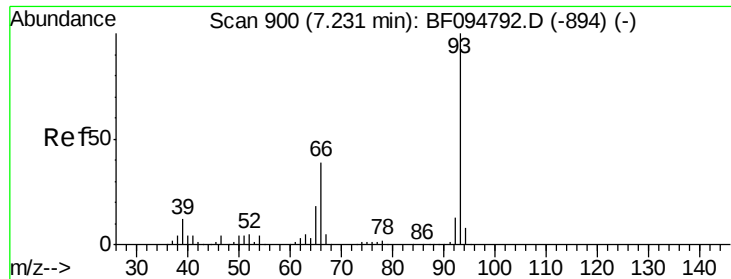
2-Fluorophenol  
Concen: 57.709 ng  
RT: 5.46 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Tgt Ion:112 Resp: 324048  
Ion Ratio Lower Upper  
112 100  
64 52.1 46.0 69.0  
63 25.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.065 ng

RT: 7.19 min Scan# 936

Delta R.T. 0.15 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

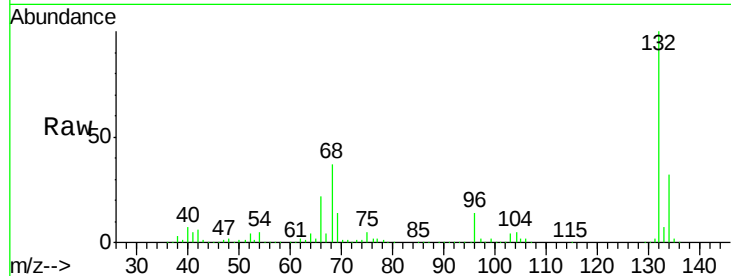
Tgt Ion: 93 Resp: 552

Ion Ratio Lower Upper

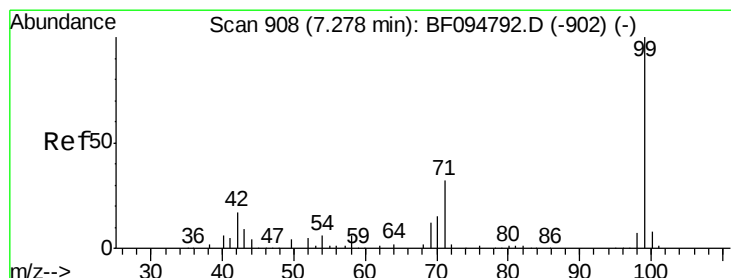
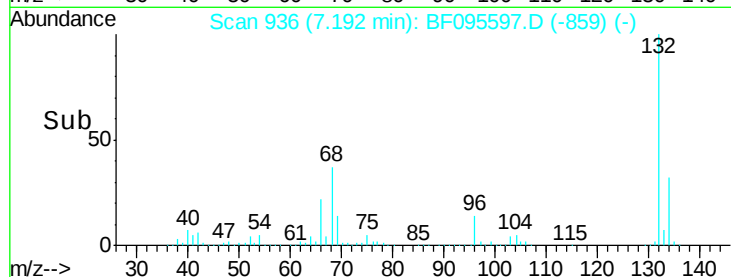
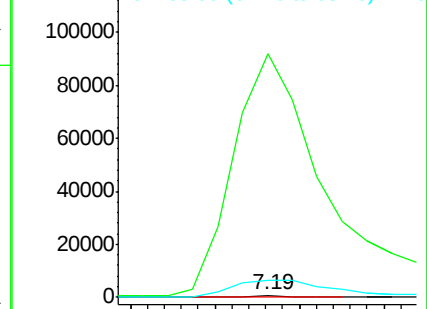
93 100

66 11257.8 32.9 49.3#

65 798.3 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 35.977 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

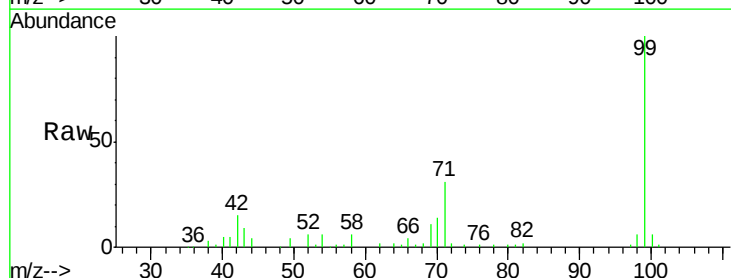
Tgt Ion: 99 Resp: 242393

Ion Ratio Lower Upper

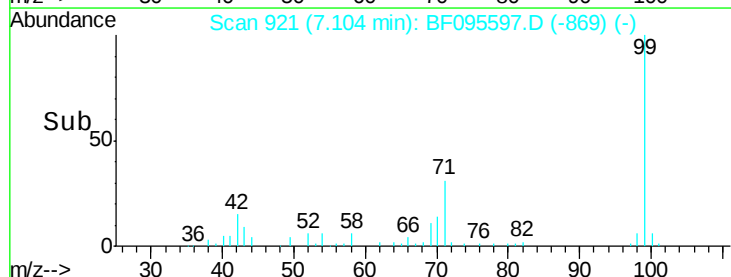
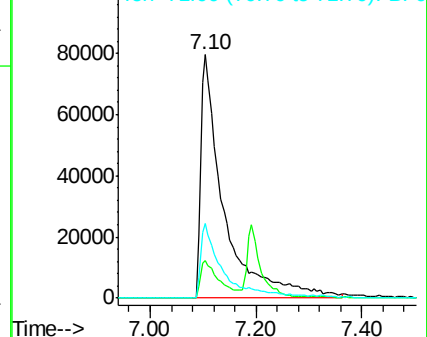
99 100

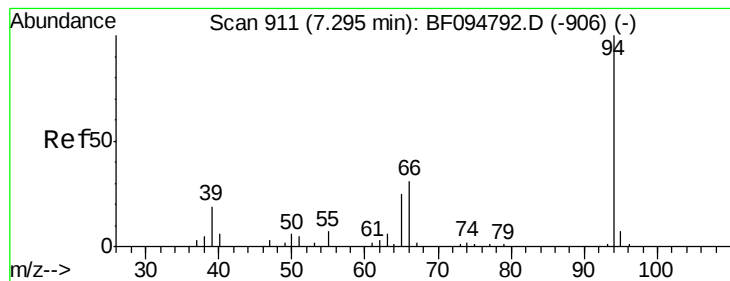
42 15.5 13.5 20.3

71 30.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 0.182 ng

RT: 7.13 min Scan# 926

Delta R.T. 0.02 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

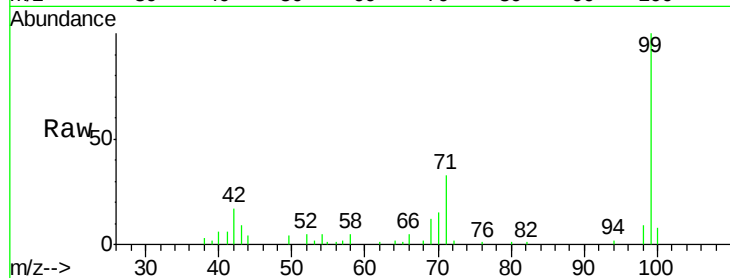
Tgt Ion: 94 Resp: 1295

Ion Ratio Lower Upper

94 100

65 47.5 9.9 49.9

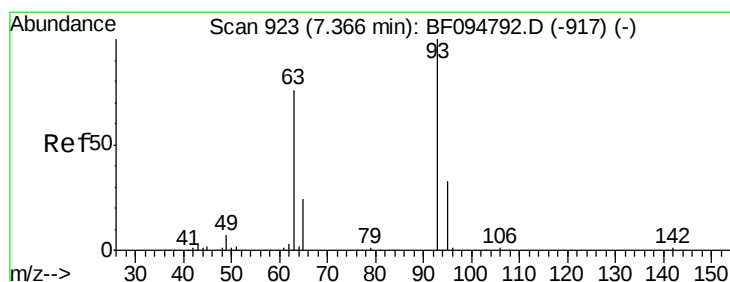
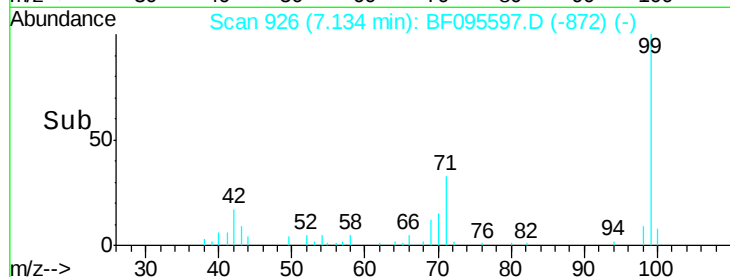
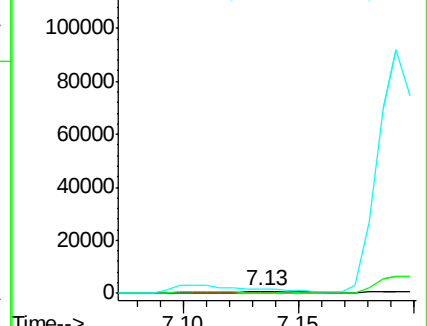
66 223.1 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.094 ng

RT: 7.19 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

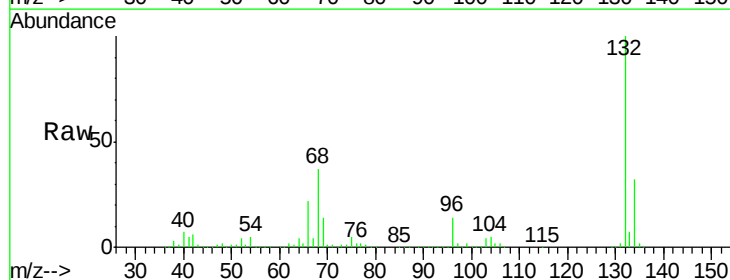
Tgt Ion: 93 Resp: 552

Ion Ratio Lower Upper

93 100

63 433.1 59.2 99.2#

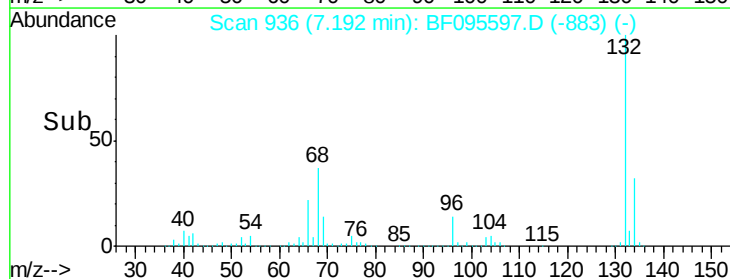
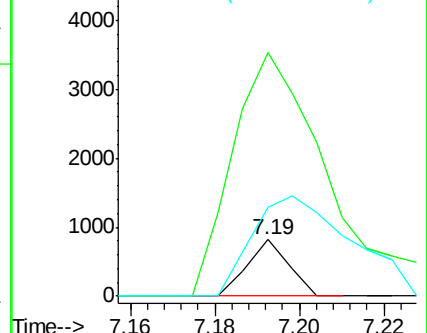
95 157.1 12.8 52.8#

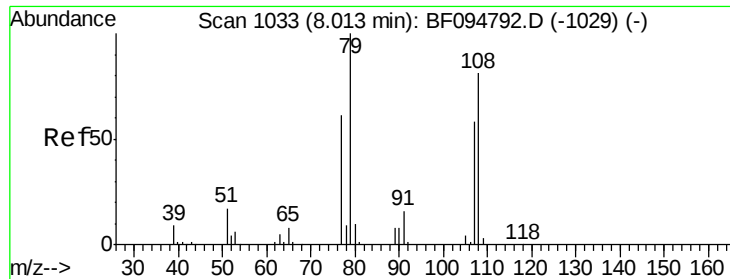


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.697 ng

RT: 7.77 min Scan# 1034

Delta R.T. -0.07 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

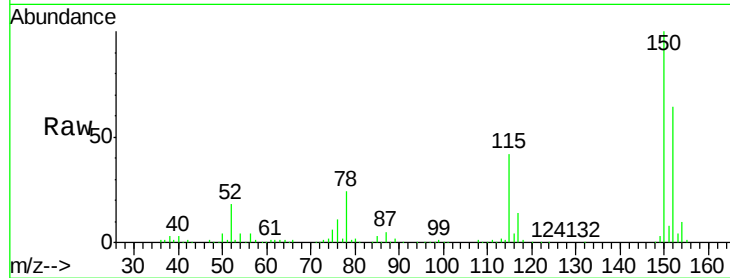
Tgt Ion: 79 Resp: 7353

Ion Ratio Lower Upper

79 100

108 34.7 63.4 95.0#

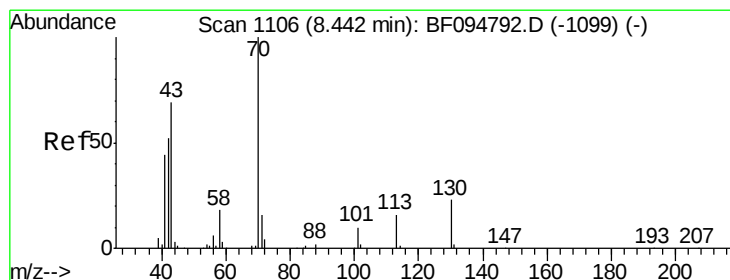
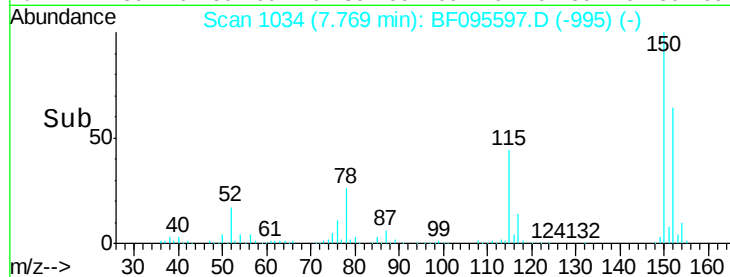
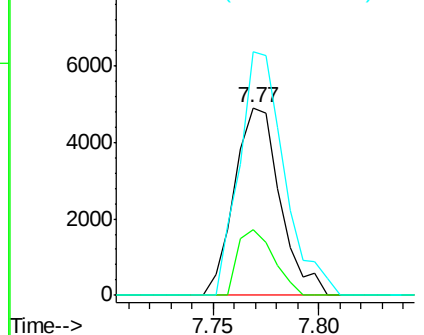
77 129.9 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.551 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Tgt Ion: 70 Resp: 66306

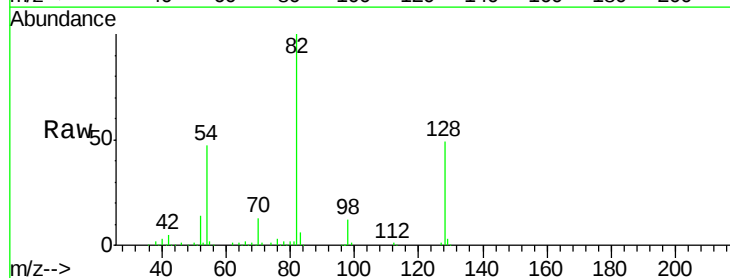
Ion Ratio Lower Upper

70 100

42 40.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

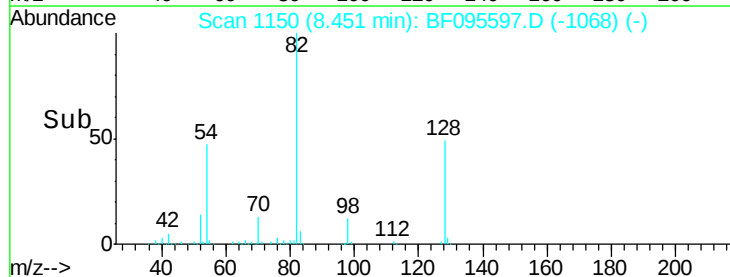
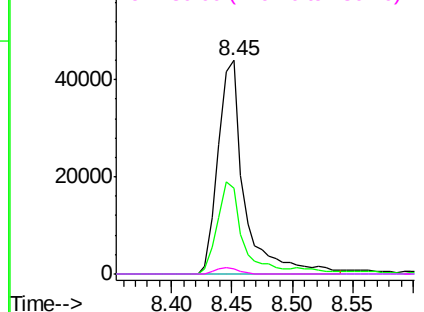


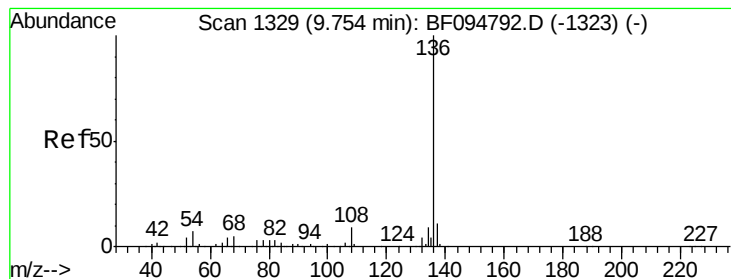
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

Tgt Ion:136 Resp: 384236

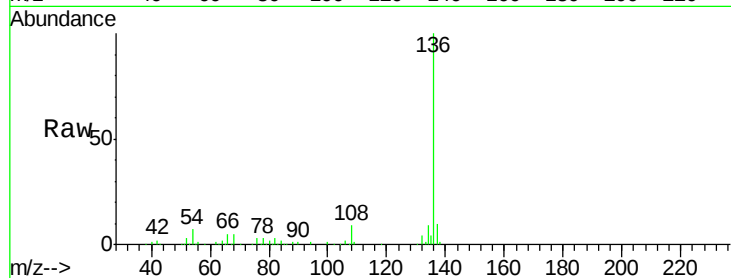
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.7 4.9 7.3

68 5.2 4.1 6.1

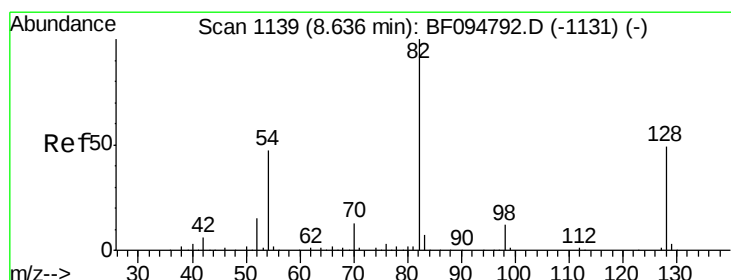
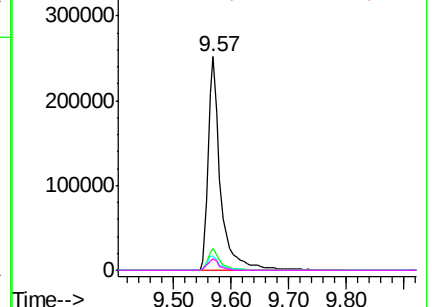
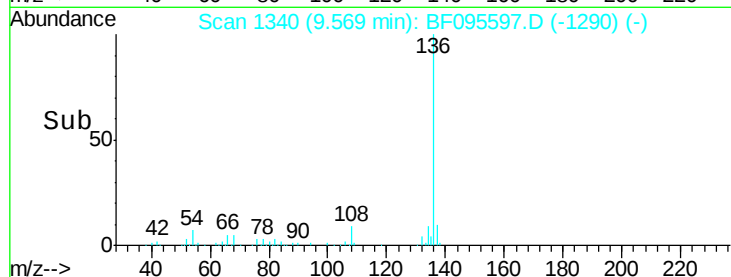


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.915 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

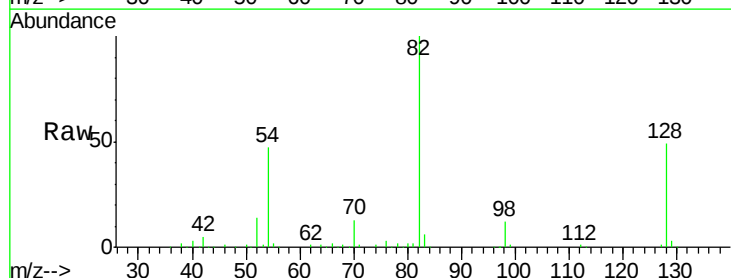
Tgt Ion: 82 Resp: 541785

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

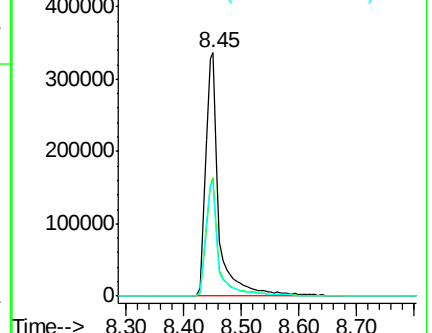
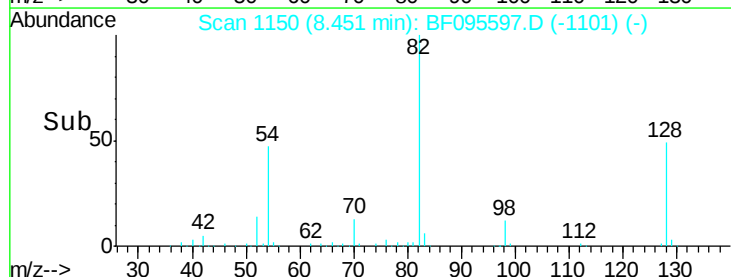
54 46.6 42.2 63.2

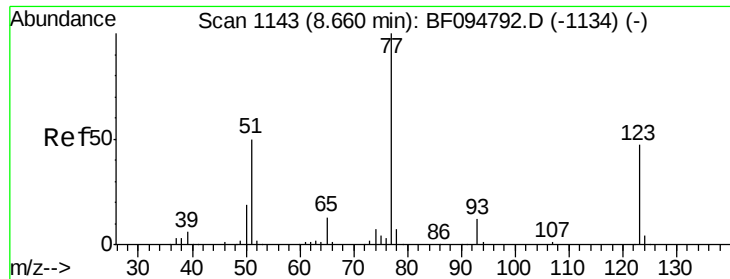


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.149 ng

RT: 8.45 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

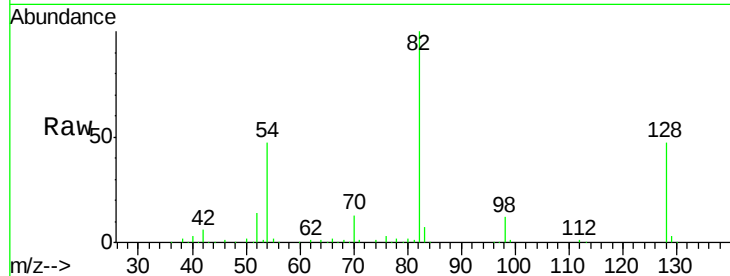
Tgt Ion: 77 Resp: 950

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

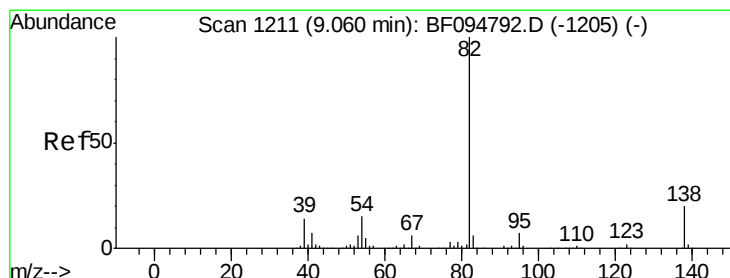
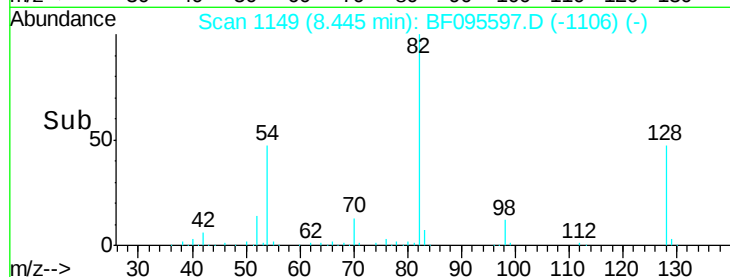
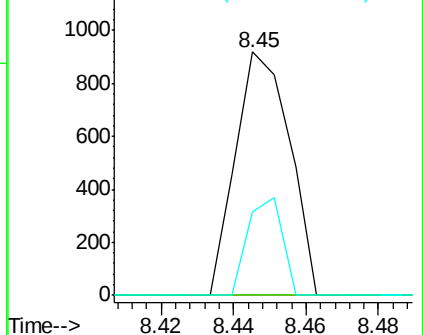
65 34.3 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.012 ng

RT: 8.87 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

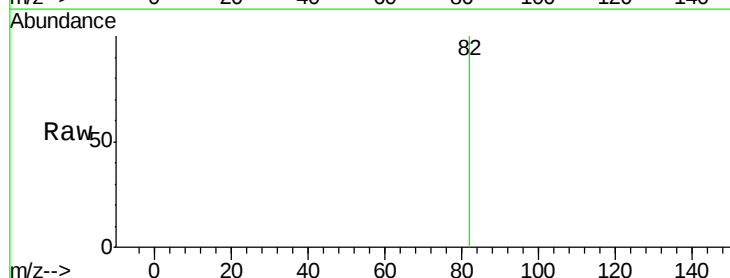
Tgt Ion: 82 Resp: 130

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

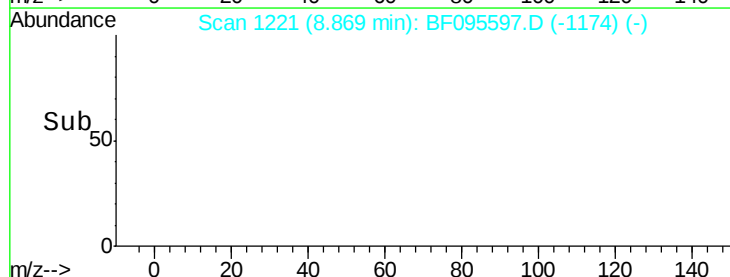
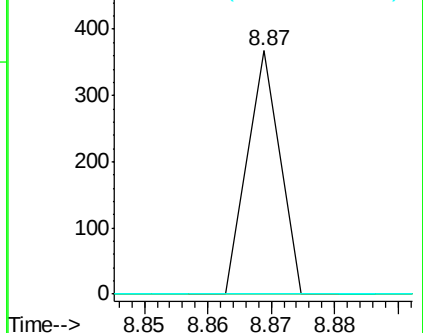
138 0.0 13.1 19.7#

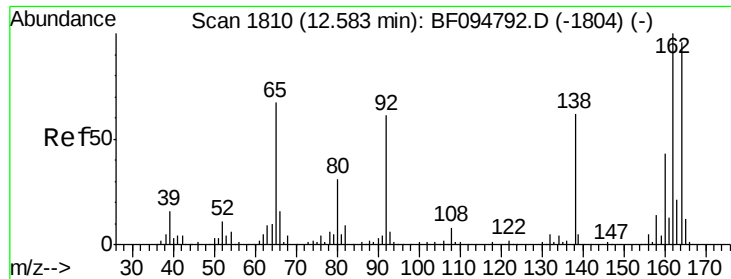


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

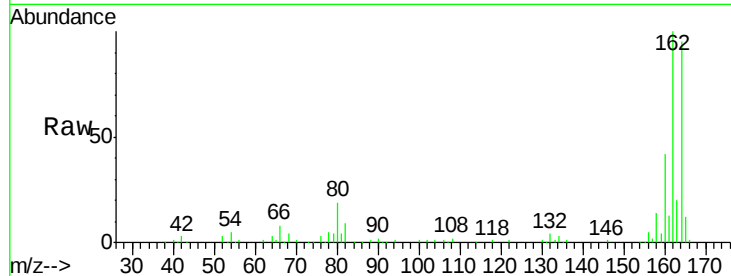
Tgt Ion:164 Resp: 176618

Ion Ratio Lower Upper

164 100

162 105.8 82.6 123.8

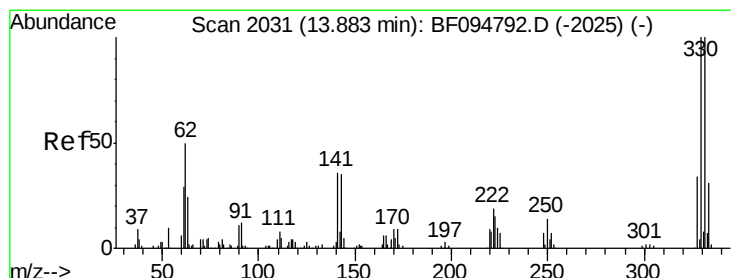
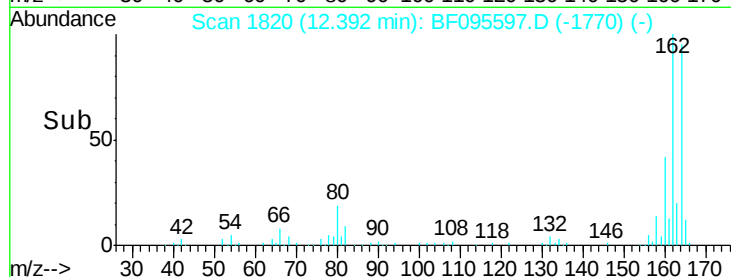
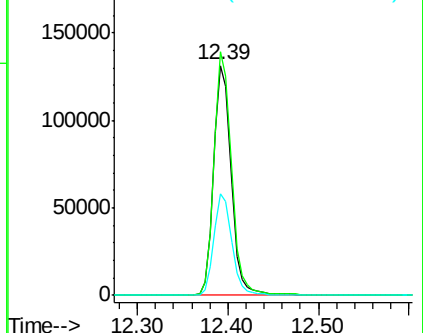
160 44.4 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 140.965 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

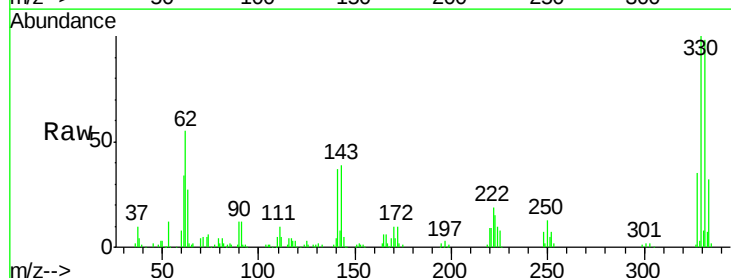
Tgt Ion:330 Resp: 203898

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

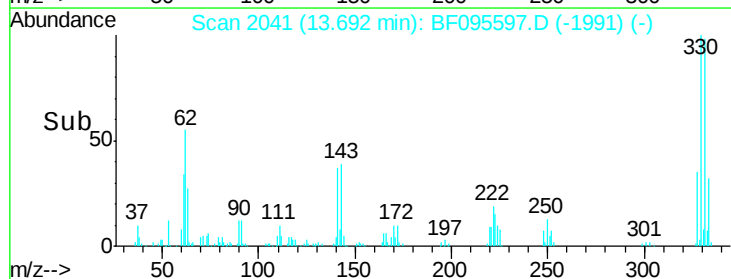
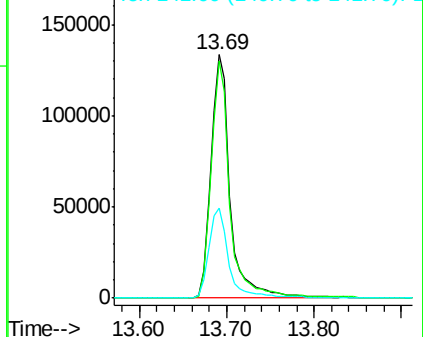
141 38.5 31.4 47.2

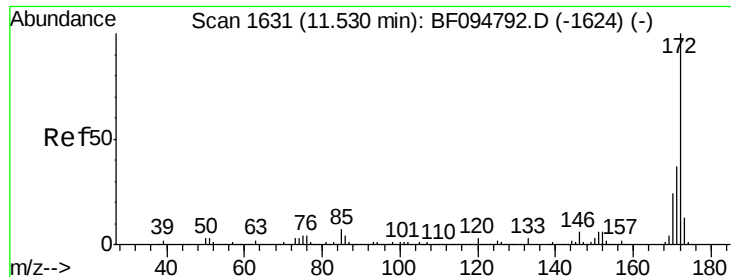


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

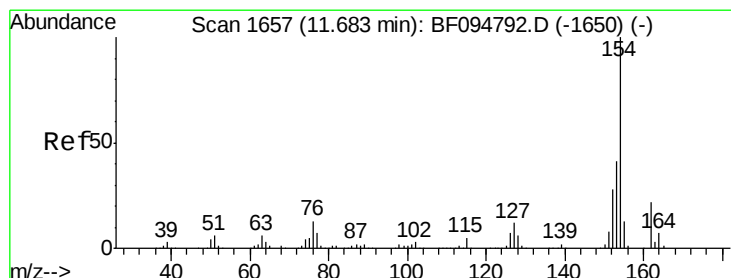
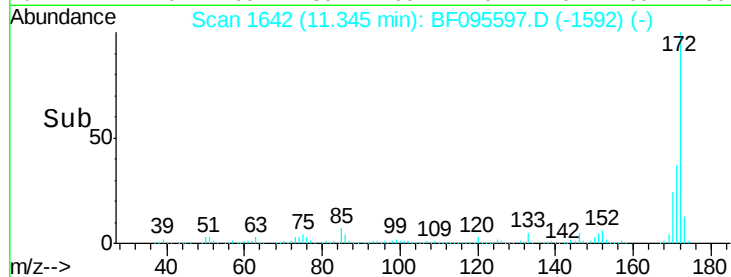
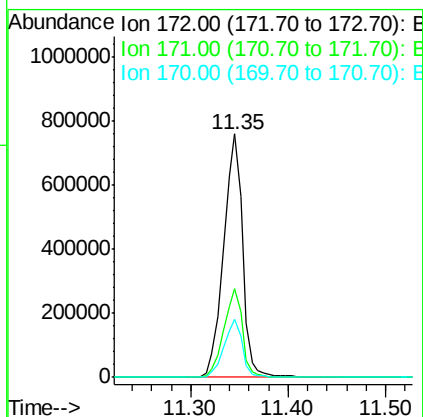
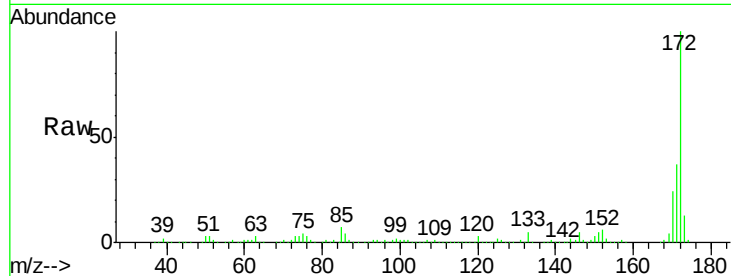




#44  
 2-Fluorobiphenyl  
 Concen: 83.670 ng  
 RT: 11.35 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BF095597.D  
 Acq: 1 Jun 2017 16:28

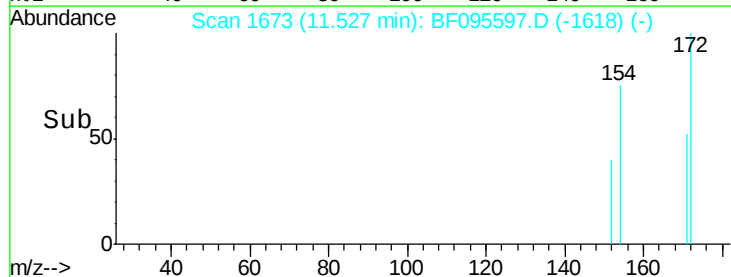
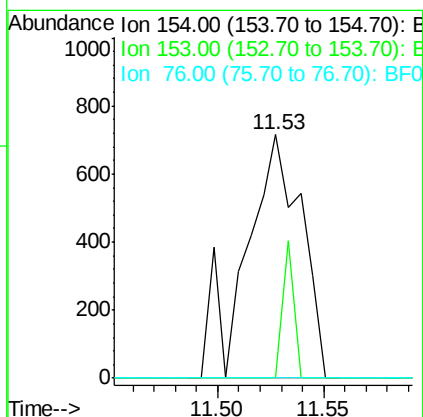
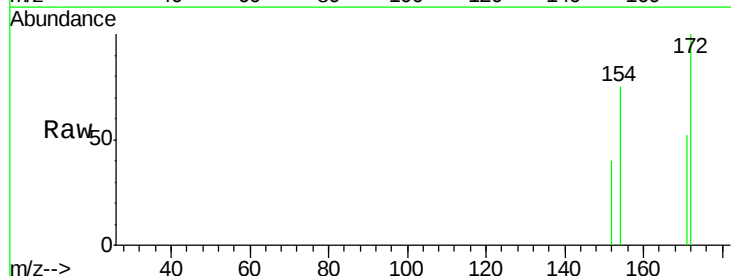
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S22-0022

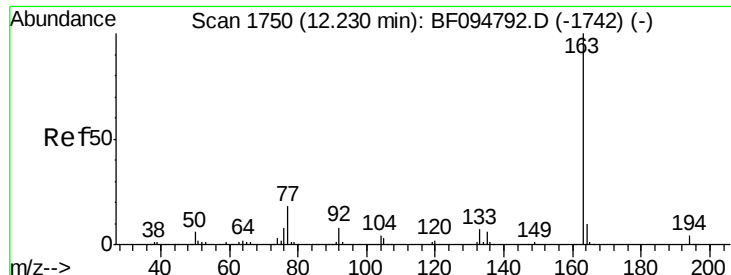
Tgt Ion:172 Resp: 1026694  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 29.6 44.4  
 170 24.0 19.8 29.8



#45  
 1,1'-Biphenyl  
 Concen: 0.088 ng  
 RT: 11.53 min Scan# 1673  
 Delta R.T. 0.02 min  
 Lab File: BF095597.D  
 Acq: 1 Jun 2017 16:28

Tgt Ion:154 Resp: 1315  
 Ion Ratio Lower Upper  
 154 100  
 153 0.0 21.2 61.2#  
 76 0.0 0.0 29.9





#49

Dimethylphthalate

Concen: 3.102 ng

RT: 12.05 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

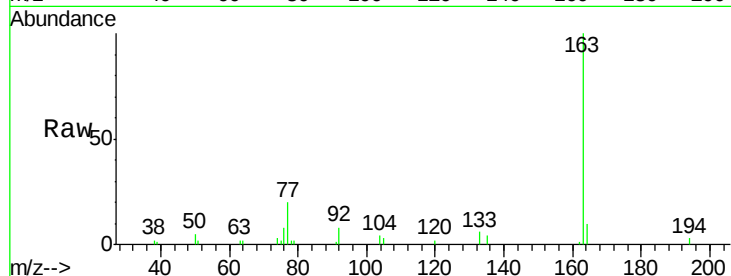
Tgt Ion:163 Resp: 44971

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

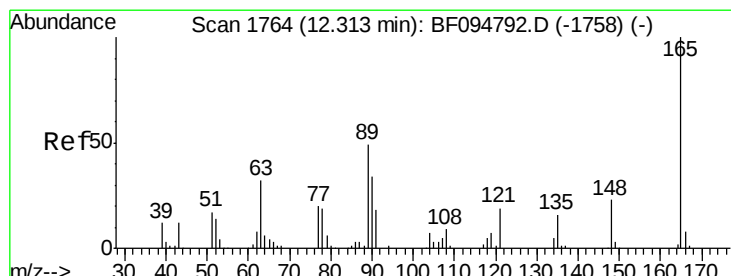
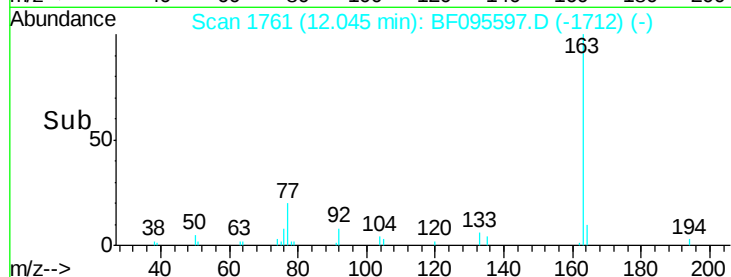
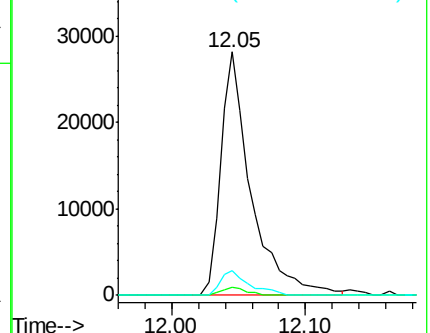
164 10.1 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.225 ng

RT: 12.39 min Scan# 1820

Delta R.T. 0.24 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

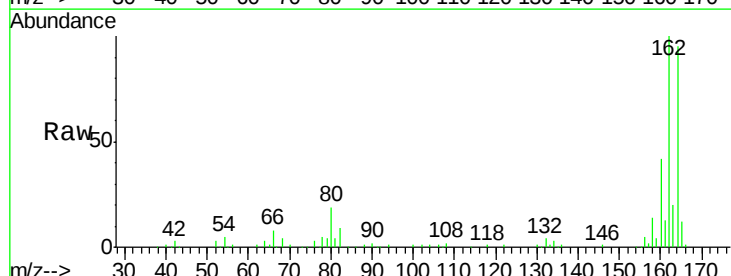
Tgt Ion:165 Resp: 21371

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

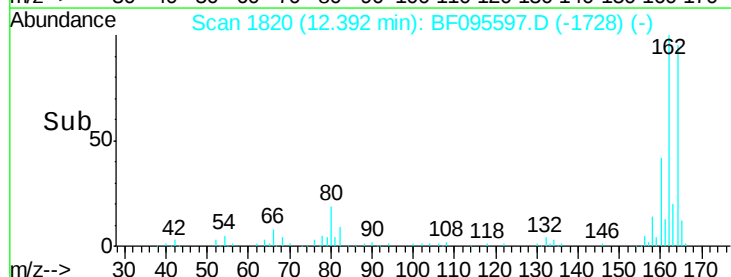
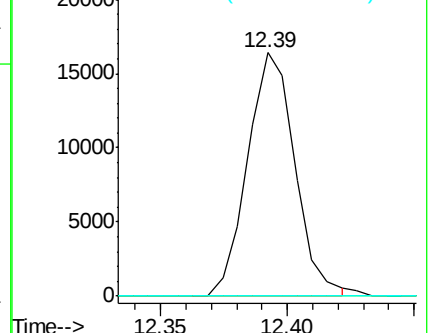
89 0.0 37.1 55.7#

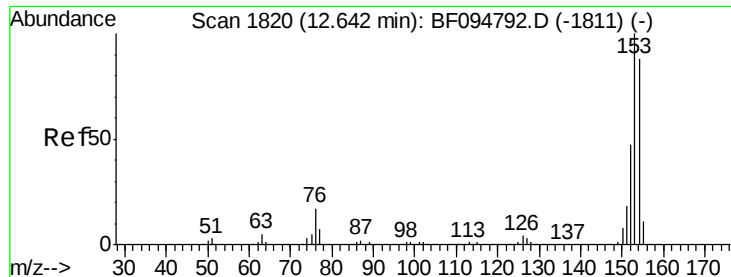


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.040 ng

RT: 12.40 min Scan# 1821

Delta R.T. -0.06 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

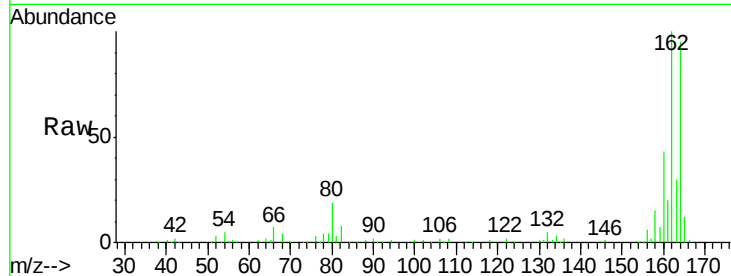
Tgt Ion:154 Resp: 448

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

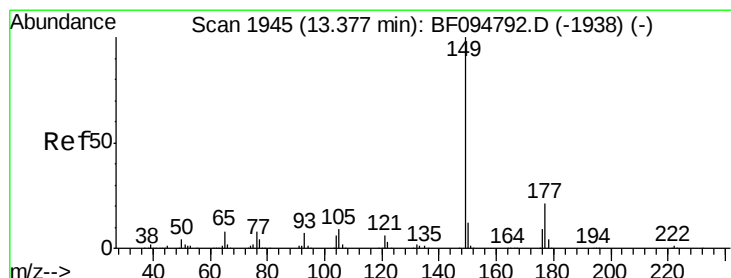
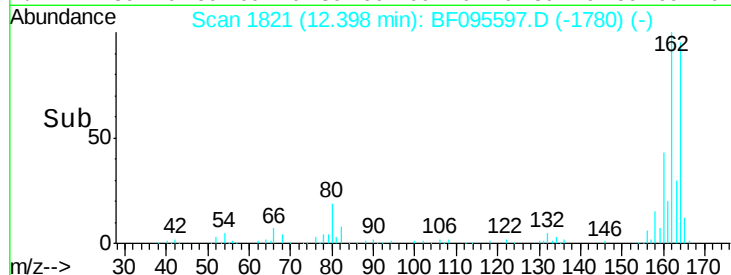
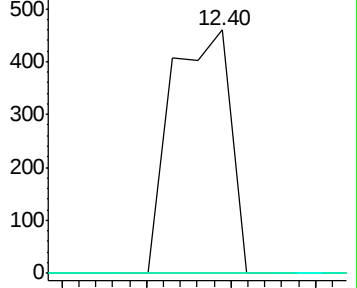
152 0.0 43.6 65.4#



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



#59

Diethylphthalate

Concen: 0.116 ng

RT: 13.19 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

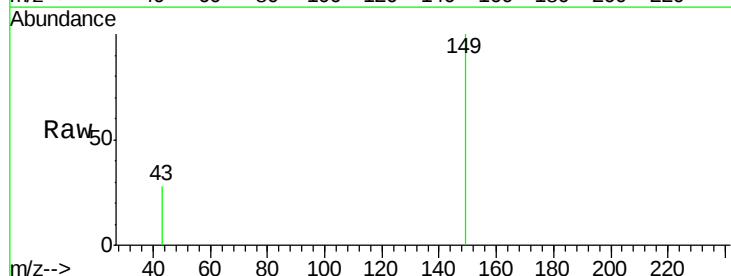
Tgt Ion:149 Resp: 1610

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

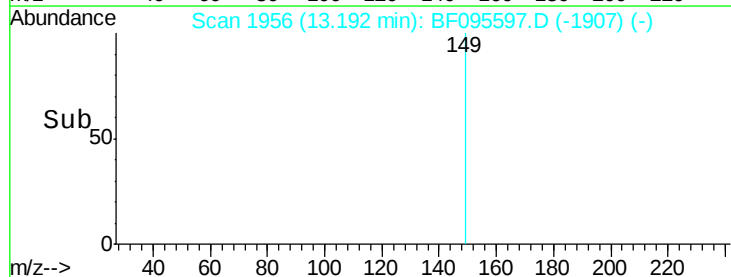
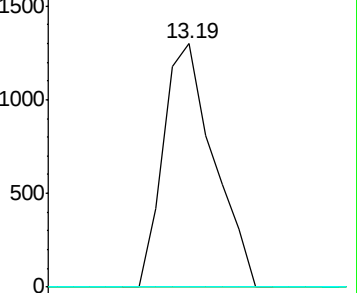
150 0.0 10.2 15.2#

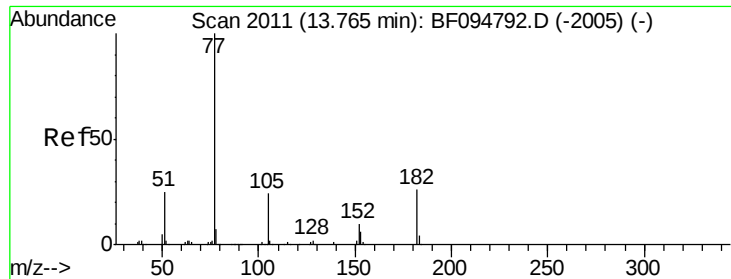


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

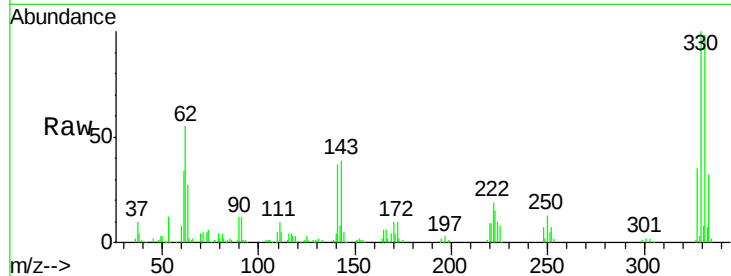




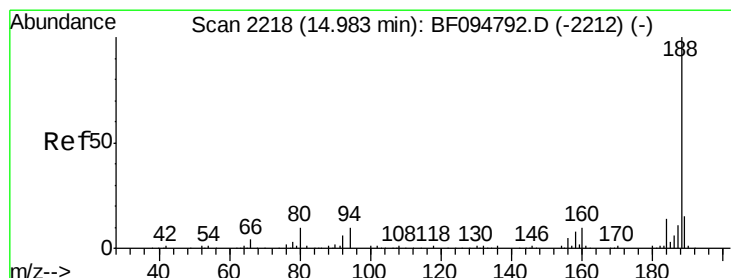
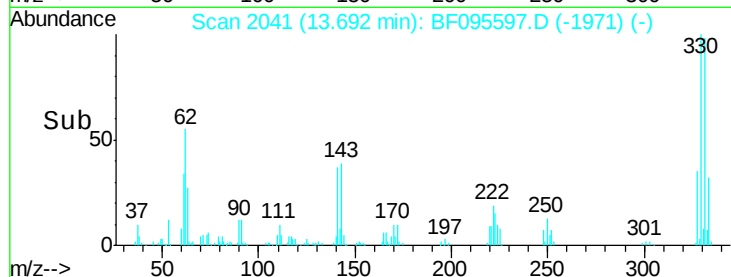
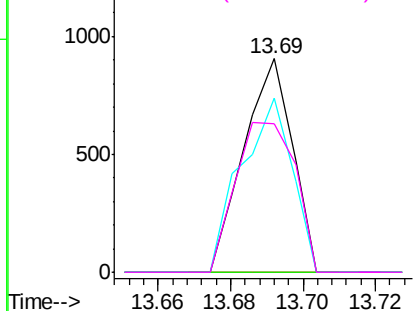
#62  
Azobenzene  
Concen: 0.075 ng  
RT: 13.69 min Scan# 2041  
Delta R.T. 0.11 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
S22-0022

Tgt Ion: 77 Resp: 840  
Ion Ratio Lower Upper  
77 100  
182 0.0 0.1 40.1#  
105 81.8 3.6 43.6#  
51 69.8 9.4 49.4#

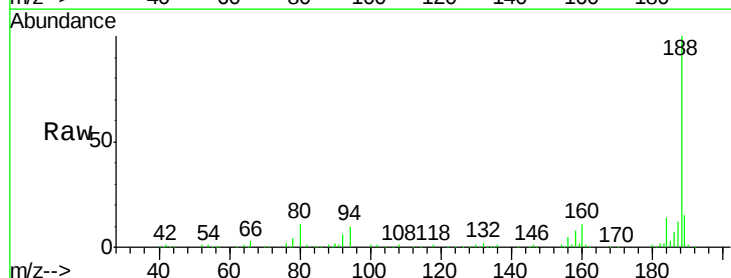


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

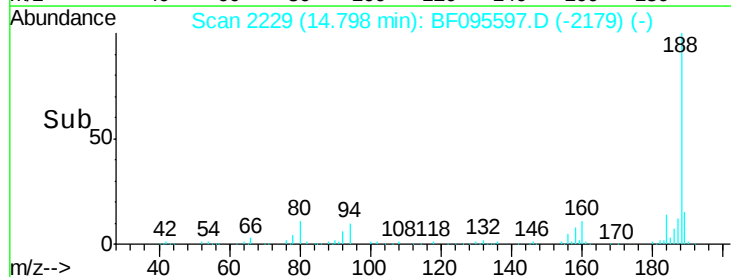
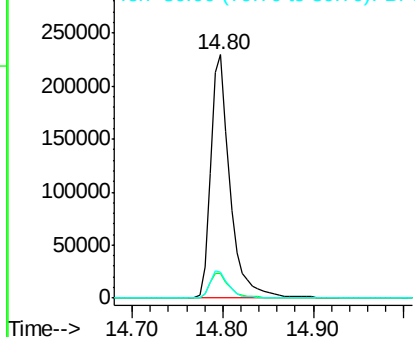


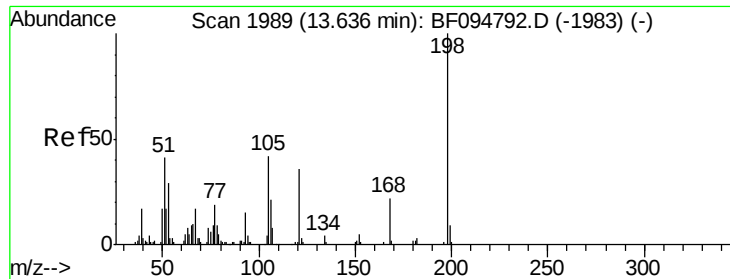
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 14.80 min Scan# 2229  
Delta R.T. -0.01 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Tgt Ion: 188 Resp: 341116  
Ion Ratio Lower Upper  
188 100  
94 10.1 9.4 14.2  
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

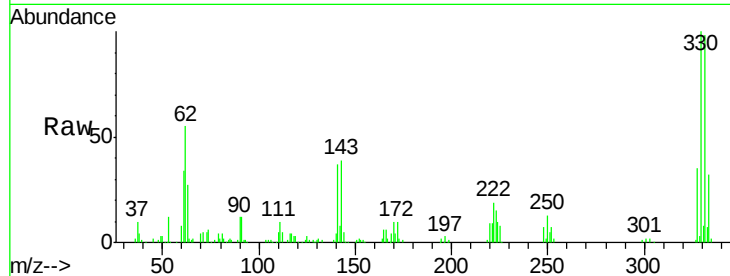




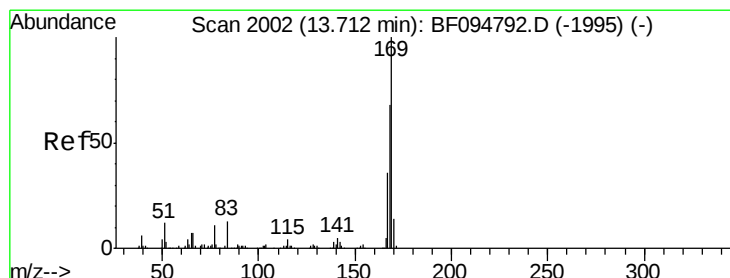
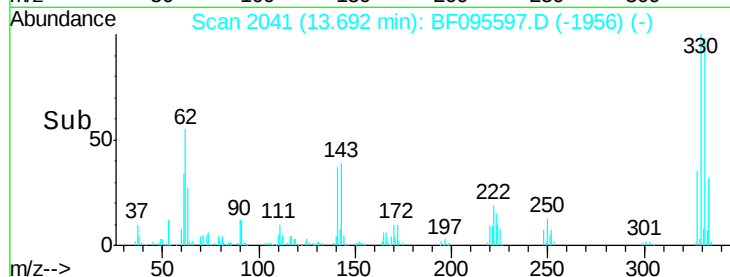
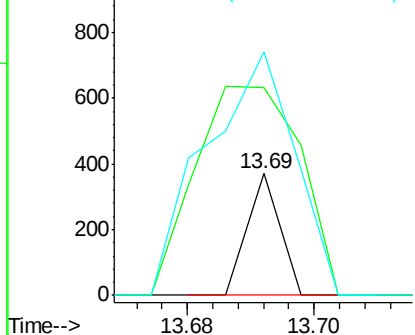
#64  
4,6-Dinitro-2-methylphenol  
Concen: 0.057 ng  
RT: 13.69 min Scan# 2041  
Delta R.T. 0.20 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
S22-0022

Tgt Ion:198 Resp: 131  
Ion Ratio Lower Upper  
198 100  
51 170.8 53.2 93.2#  
105 200.3 45.8 85.8#

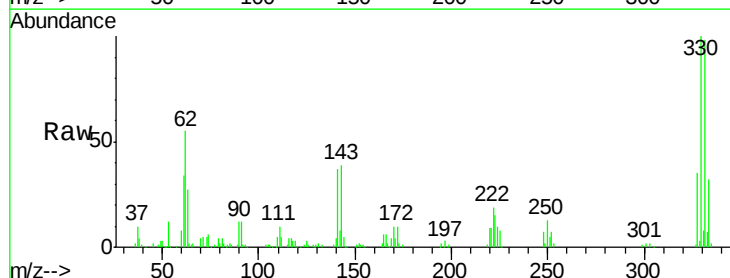


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

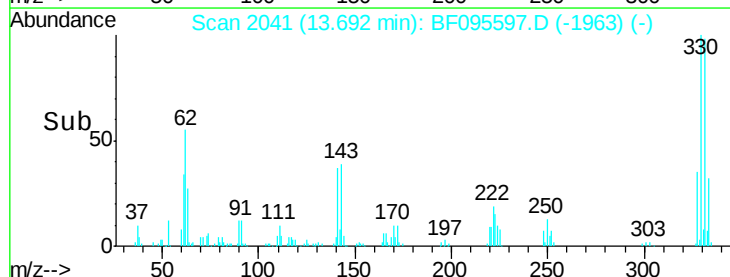
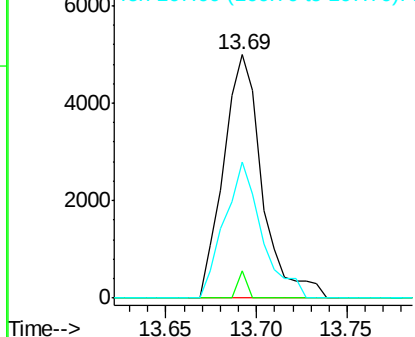


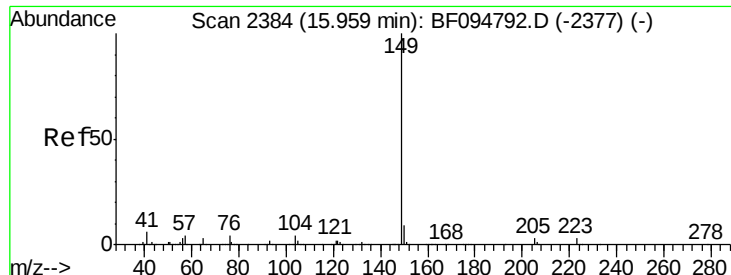
#65  
n-Nitrosodiphenylamine  
Concen: 0.597 ng  
RT: 13.69 min Scan# 2041  
Delta R.T. 0.16 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Tgt Ion:169 Resp: 7394  
Ion Ratio Lower Upper  
169 100  
168 11.3 53.2 79.8#  
167 67.3 29.5 44.3#



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





#73

Di-n-butylphthalate

Concen: 0.223 ng

RT: 15.79 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

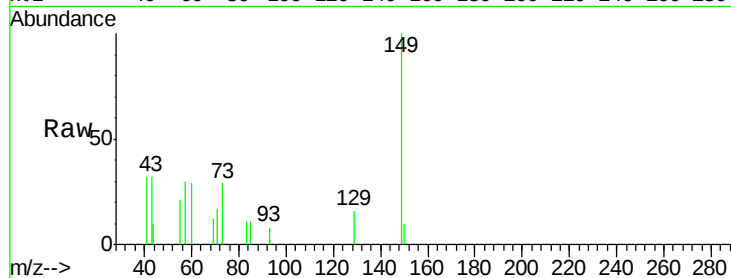
Tgt Ion:149 Resp: 5064

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

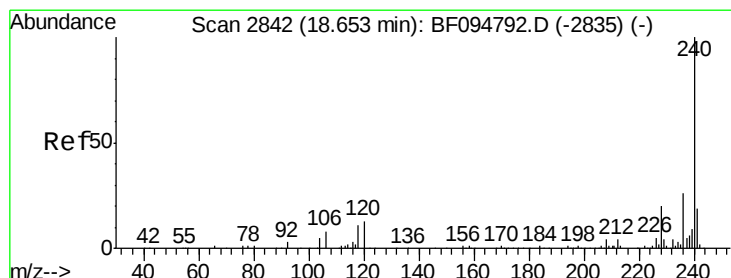
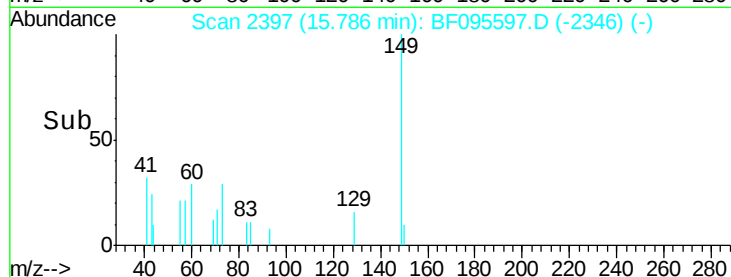
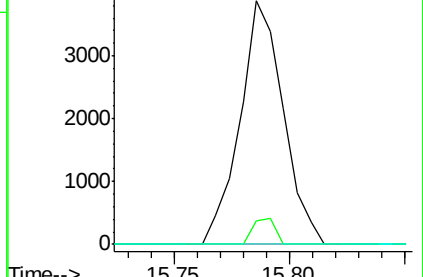
104 0.0 4.0 6.0#



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

Chrysene-d12

Concen: 20.000 ng

RT: 18.49 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

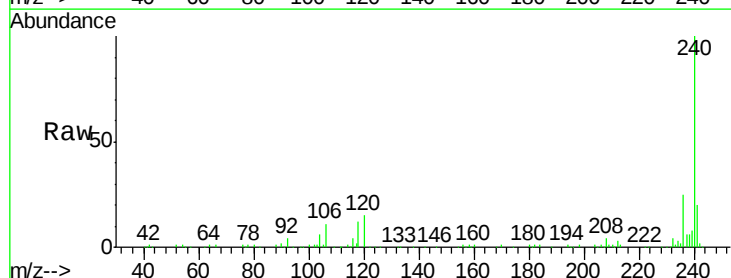
Tgt Ion:240 Resp: 293311

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

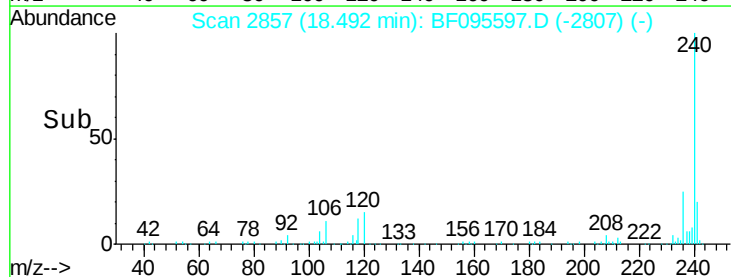
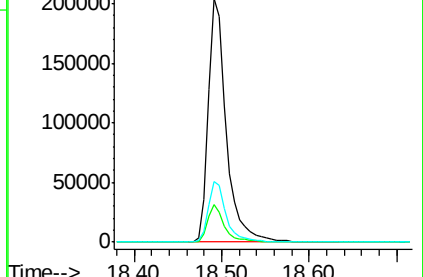
236 24.8 20.5 30.7

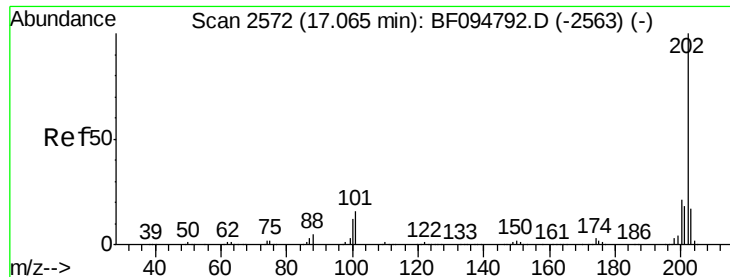


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.006 ng

RT: 16.95 min Scan# 2595

Delta R.T. 0.05 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022

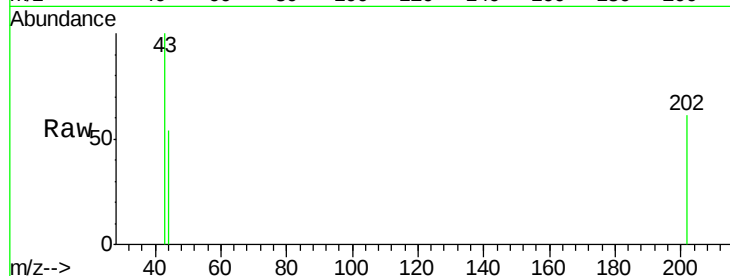
Tgt Ion: 202 Resp: 127

Ion Ratio Lower Upper

202 100

200 0.0 17.6 26.4#

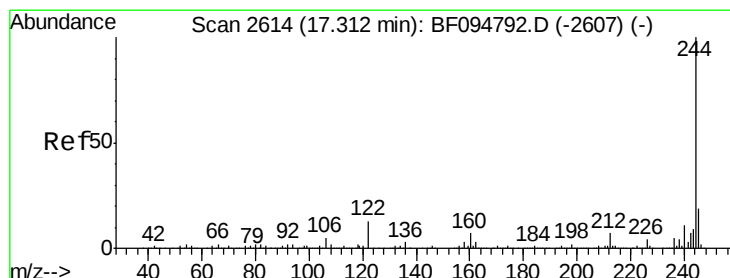
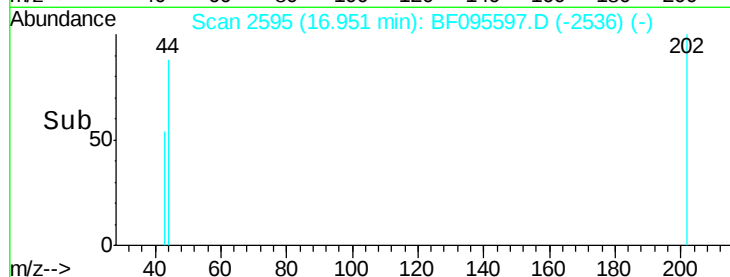
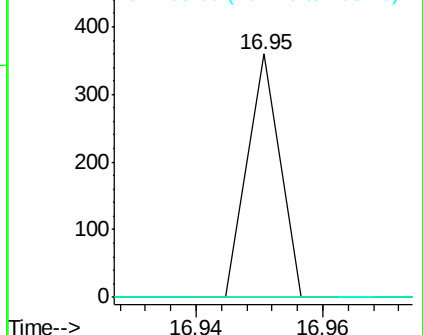
203 0.0 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.716 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

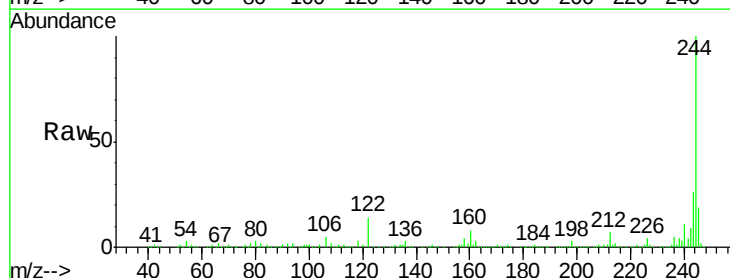
Tgt Ion: 244 Resp: 968349

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

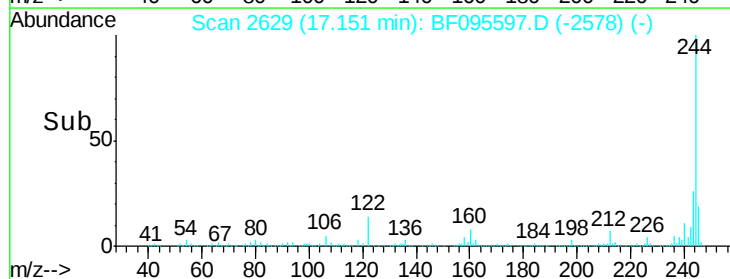
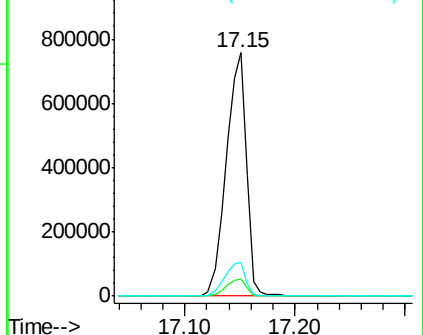
122 13.6 10.3 15.5

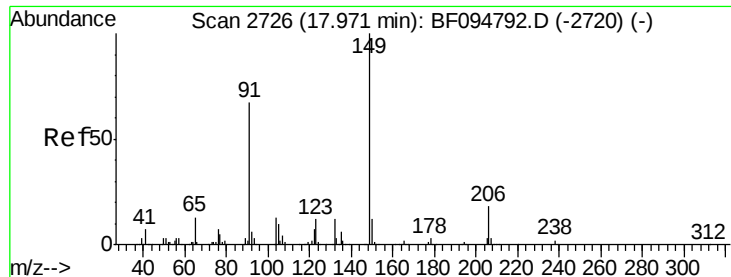


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.040 ng

RT: 17.82 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

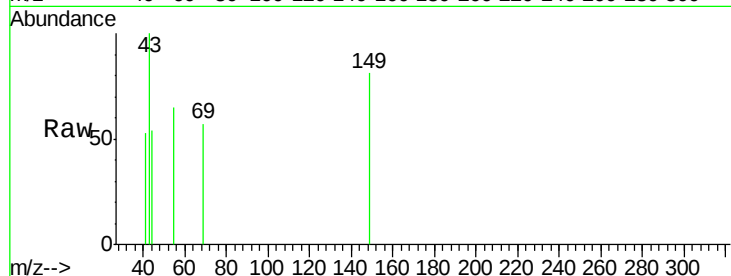
Instrument :

BNA\_F

ClientSampleId :

S22-0022

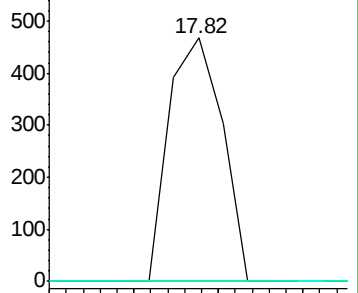
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 411   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 91       | 0.0   | 45.0  | 67.4# |
| 206      | 0.0   | 17.0  | 25.6# |



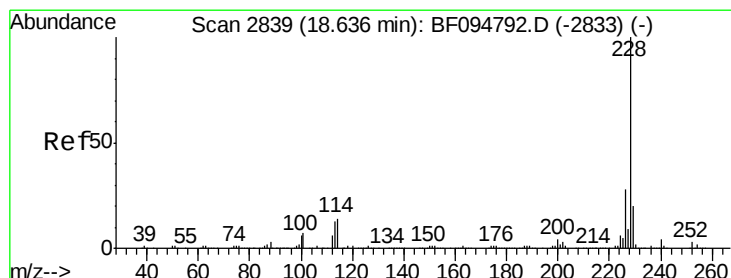
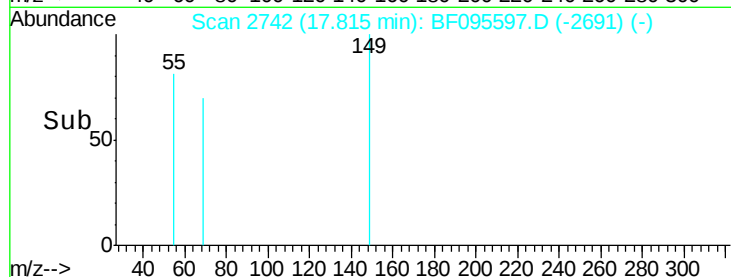
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time--> 17.78 17.80 17.82 17.84



#80

Benzo(a)anthracene

Concen: 0.057 ng

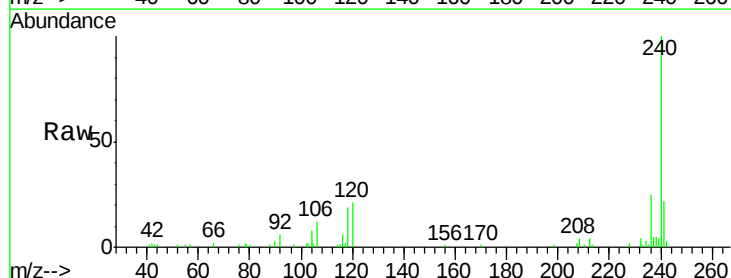
RT: 18.48 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095597.D

Acq: 1 Jun 2017 16:28

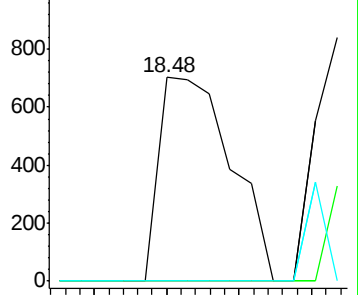
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 976   |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 0.0   | 22.6  | 33.8# |
| 229      | 0.0   | 16.3  | 24.5# |



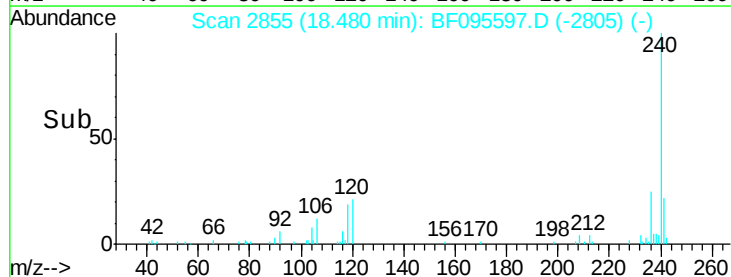
Abundance Ion 228.00 (227.70 to 228.70): E

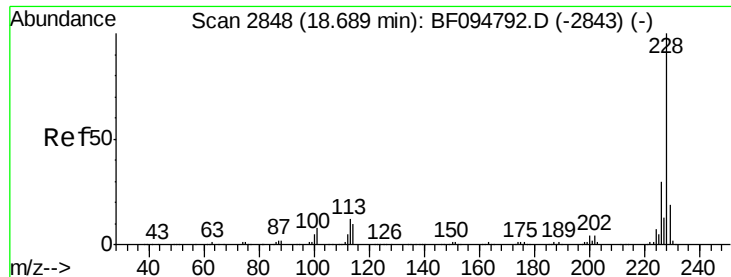
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 18.46 18.48 18.50 18.52

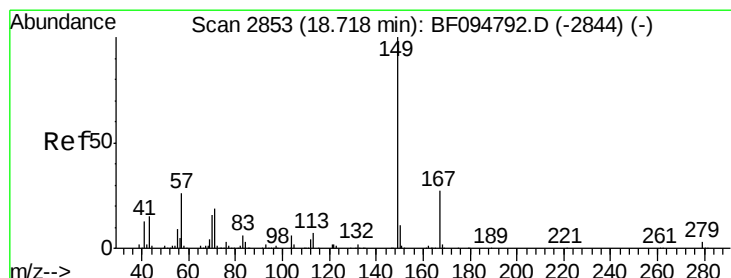
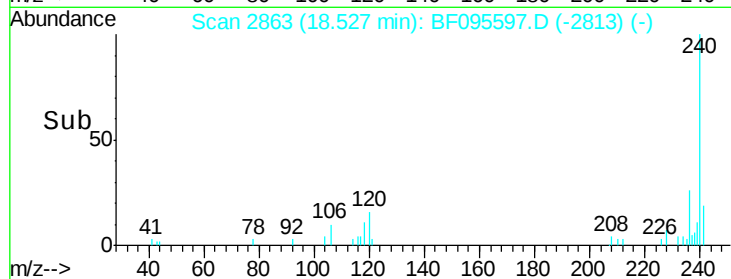
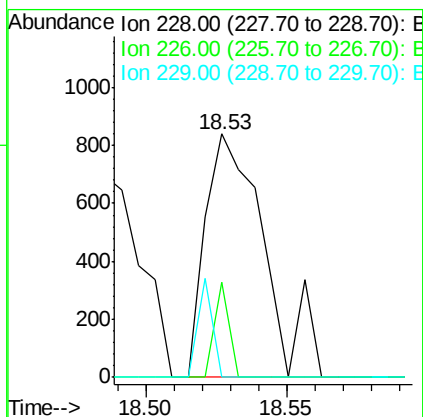
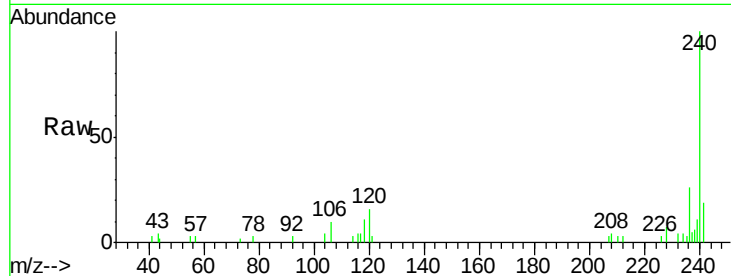




#82  
Chrysene  
Concen: 0.073 ng  
RT: 18.53 min Scan# 2863  
Delta R.T. -0.01 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

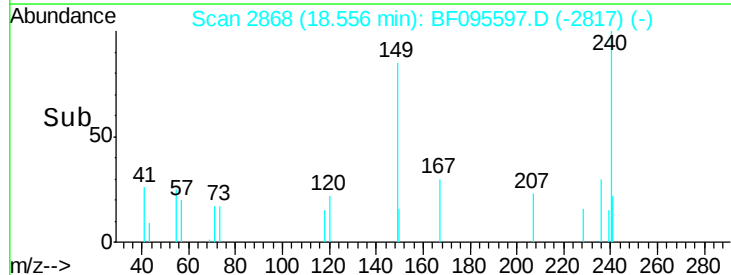
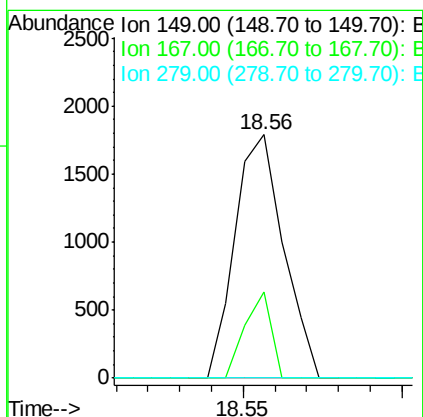
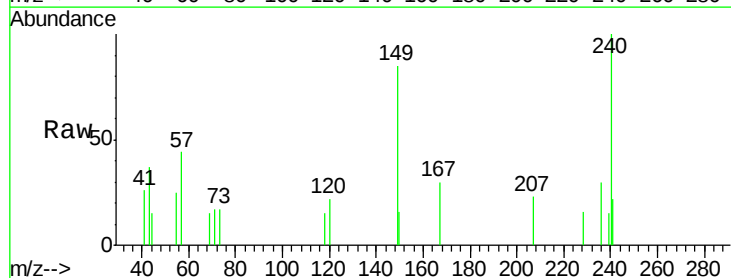
Instrument :  
BNA\_F  
ClientSampleId :  
S22-0022

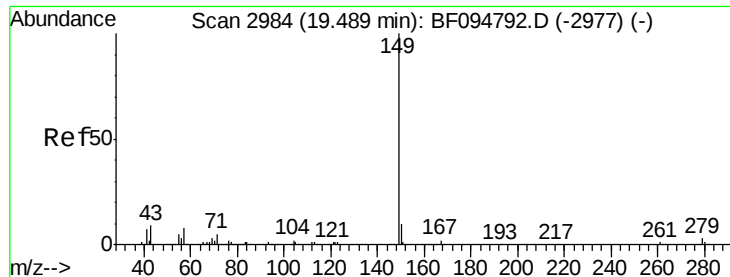
Tgt Ion: 228 Resp: 1213  
Ion Ratio Lower Upper  
228 100  
226 39.3 24.9 37.3#  
229 0.0 15.8 23.6#



#83  
Bis(2-ethylhexyl)phthalate  
Concen: 0.130 ng  
RT: 18.56 min Scan# 2868  
Delta R.T. -0.00 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Tgt Ion: 149 Resp: 1897  
Ion Ratio Lower Upper  
149 100  
167 35.2 21.0 31.4#  
279 0.0 1.9 2.9#

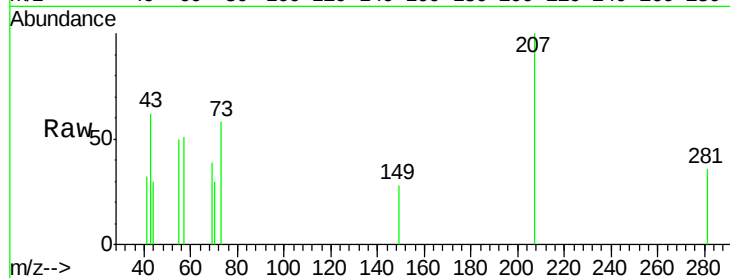




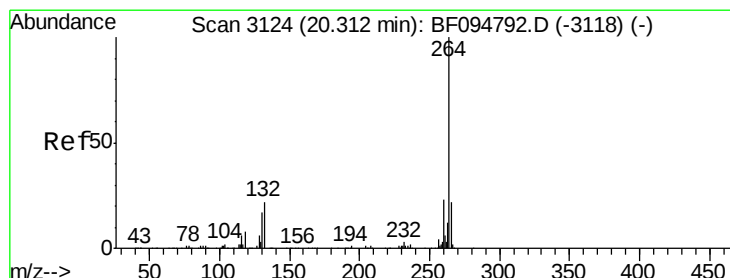
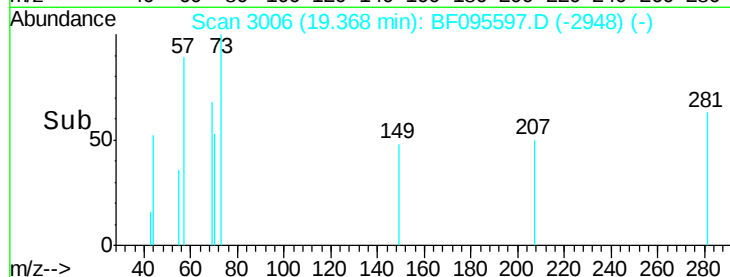
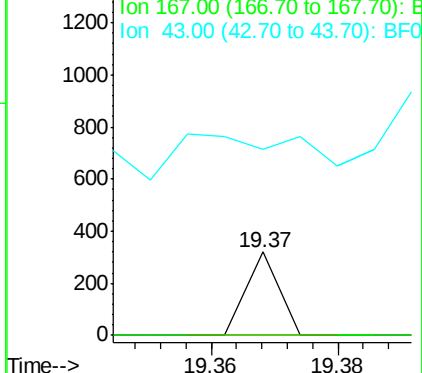
#84  
Di-n-octyl phthalate  
Concen: 0.005 ng  
RT: 19.37 min Scan# 3006  
Delta R.T. 0.04 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
S22-0022

Tgt Ion:149 Resp: 113  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.2 1.8#  
43 214.2 8.5 12.7#

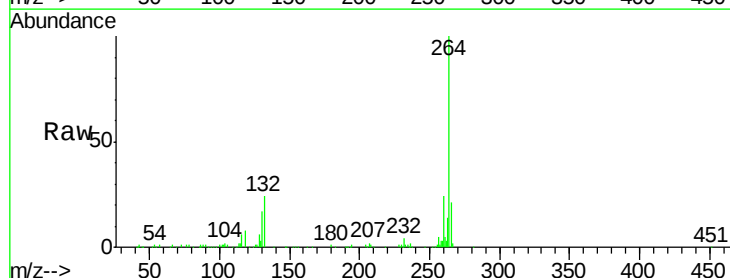


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0

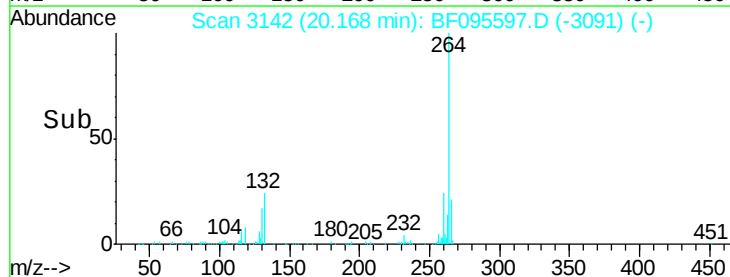
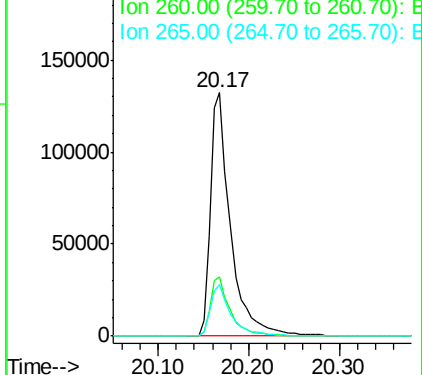


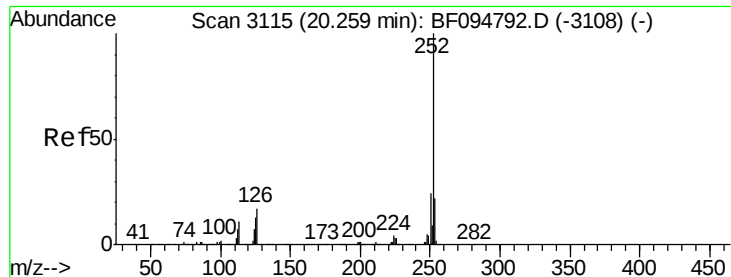
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 20.17 min Scan# 3142  
Delta R.T. -0.00 min  
Lab File: BF095597.D  
Acq: 1 Jun 2017 16:28

Tgt Ion:264 Resp: 204331  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.5 29.3  
265 21.1 17.2 25.8



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





#89

Benzo(a)pyrene

Concen: 0.041 ng

RT: 20.17 min Scan# 3142

Delta R.T. 0.06 min

Lab File: BF095597.D

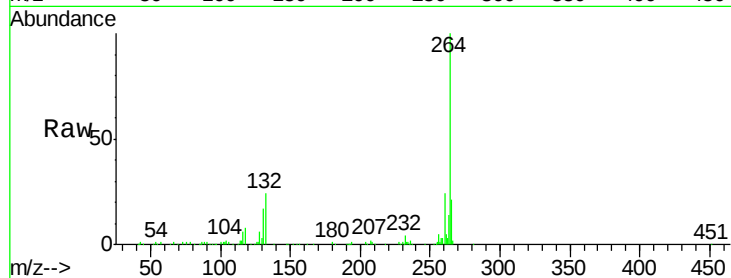
Acq: 1 Jun 2017 16:28

Instrument :

BNA\_F

ClientSampleId :

S22-0022



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 477   |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 0.0   | 17.5  | 26.3# |
| 125      | 0.0   | 11.0  | 16.4# |

