

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF031920\  
 Data File : BF119452.D  
 Acq On : 19 Mar 2020 21:53  
 Operator : CG/JU  
 Sample : L1913-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MK-031220-0-2-COMP-B3

Quant Time: Mar 20 03:51:16 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

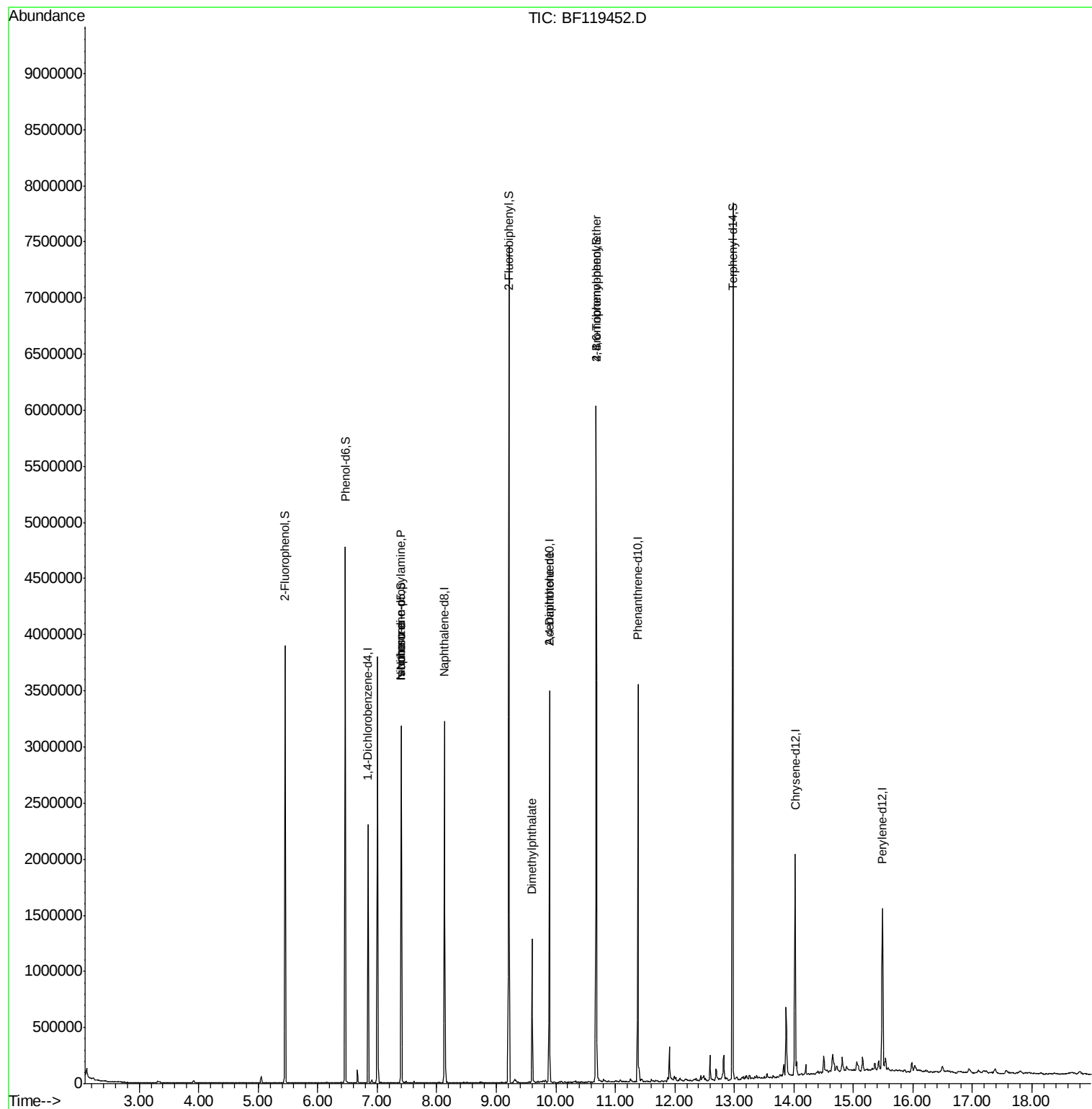
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.85  | 152  | 330937   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8             | 8.13  | 136  | 1290728  | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10           | 9.89  | 164  | 670969   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10           | 11.38 | 188  | 1168253  | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12               | 14.02 | 240  | 607251   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12               | 15.49 | 264  | 663634   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.45  | 112  | 1001170  | 48.16  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.46  | 99   | 1578662  | 59.45  | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.40  | 82   | 948594   | 39.94  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 10.68 | 330  | 718712   | 103.83 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl           | 9.22  | 172  | 2415709  | 53.34  | ng    | 0.00     |
| 79) Terphenyl-d14              | 12.97 | 244  | 2887436  | 93.16  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 19) n-Nitroso-di-n-propylamine | 7.40  | 70   | 123233   | 7.70   | ng    | # 75     |
| 25) Isophorone                 | 7.40  | 82   | 948286   | 19.68  | ng    | # 66     |
| 50) Dimethylphthalate          | 9.60  | 163  | 425983   | 8.94   | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 9.89  | 165  | 85624    | 6.65   | ng    | # 25     |
| 67) 4-Bromophenyl-phenylether  | 10.68 | 248  | 44598    | 3.35   | ng    | # 1      |

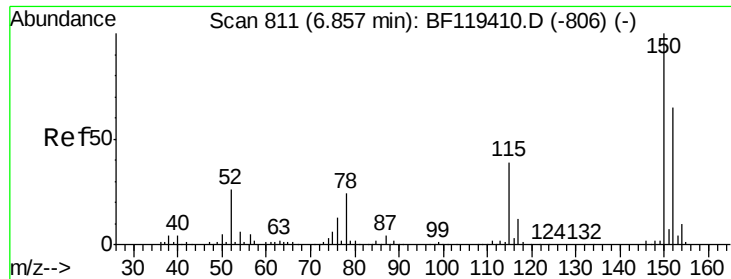
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

Instrument :

BNA\_F

ClientSampleId :

MK-031220-0-2-COMP-B3

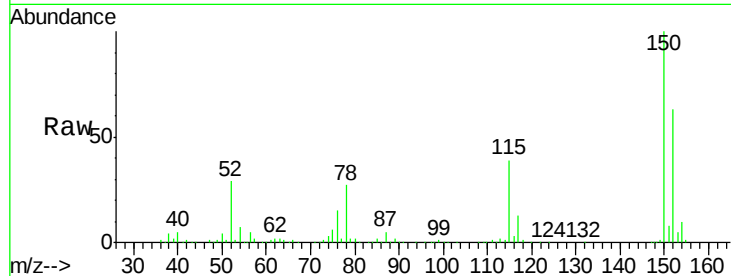
Tgt Ion:152 Resp: 330937

Ion Ratio Lower Upper

152 100

150 159.5 123.9 185.9

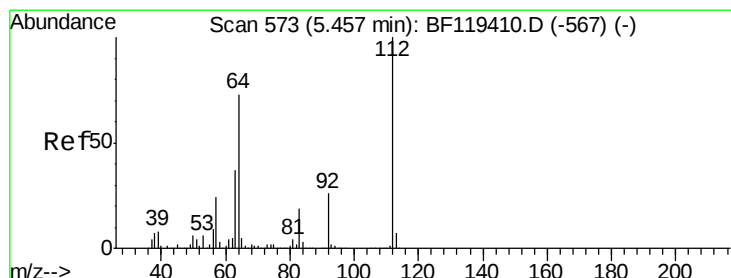
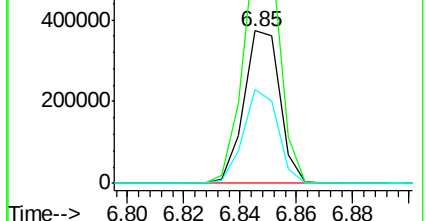
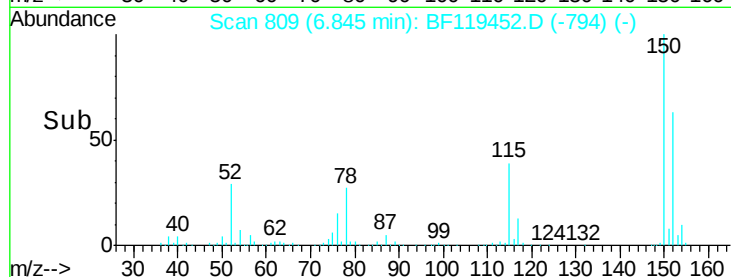
115 61.8 47.8 71.6



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



#5

2-Fluorophenol

Concen: 48.16 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

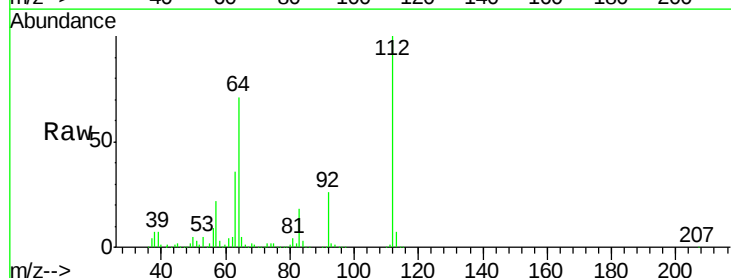
Tgt Ion:112 Resp: 1001170

Ion Ratio Lower Upper

112 100

64 70.5 58.1 87.1

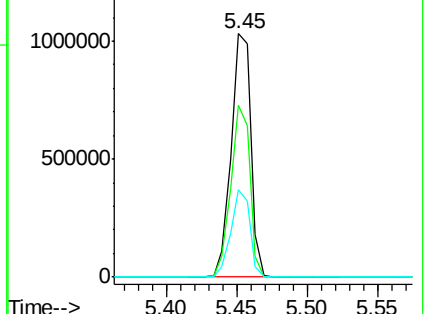
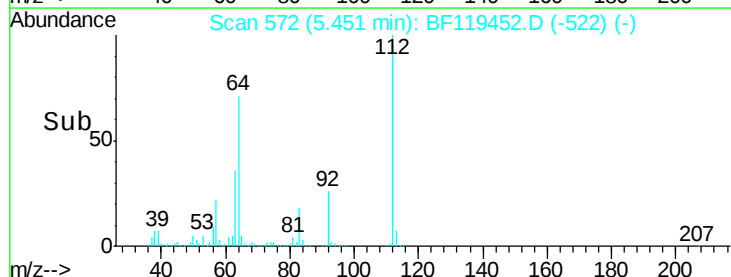
63 36.1 29.7 44.5

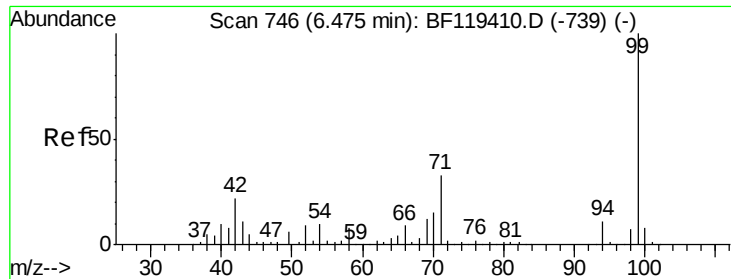


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 59.45 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

Instrument :

BNA\_F

ClientSampleId :

MK-031220-0-2-COMP-B3

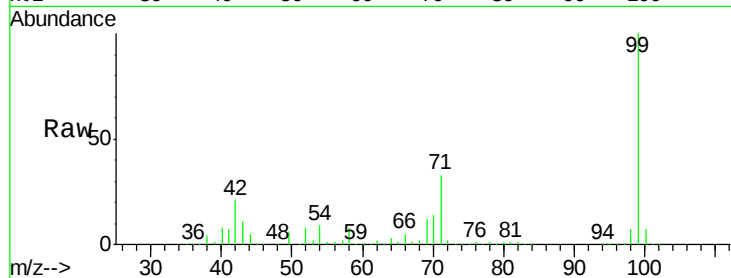
Tgt Ion: 99 Resp: 1578662

Ion Ratio Lower Upper

99 100

42 21.5 17.8 26.6

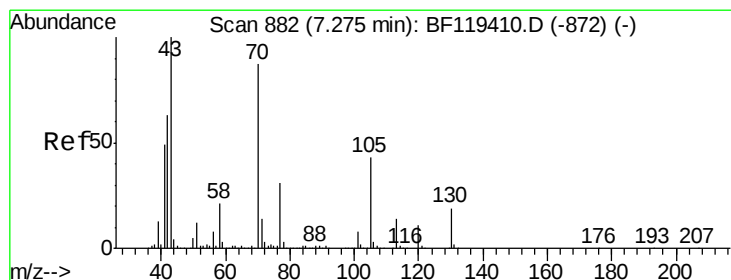
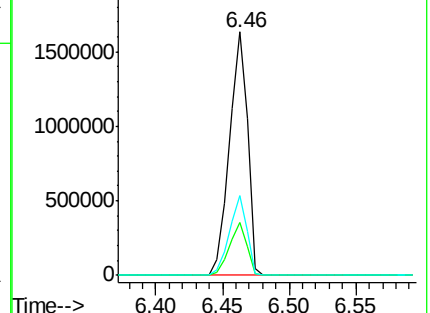
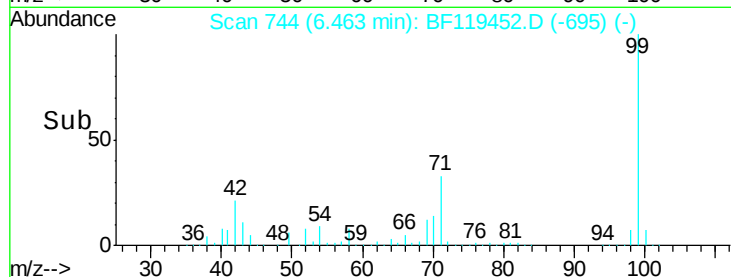
71 32.5 26.0 39.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.70 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

Tgt Ion: 70 Resp: 123233

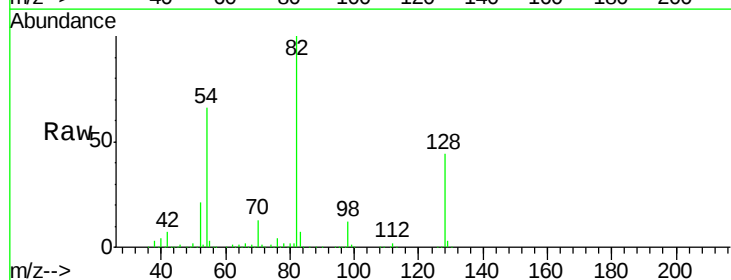
Ion Ratio Lower Upper

70 100

42 56.6 58.2 87.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.8#

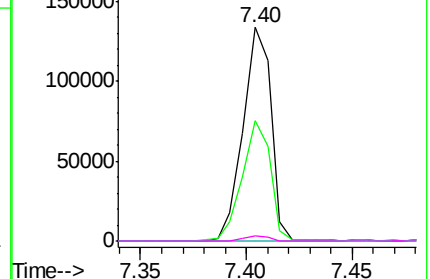
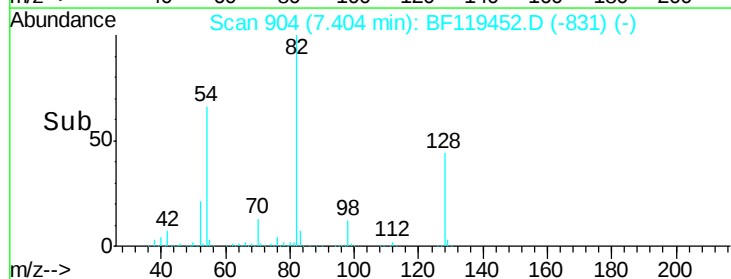


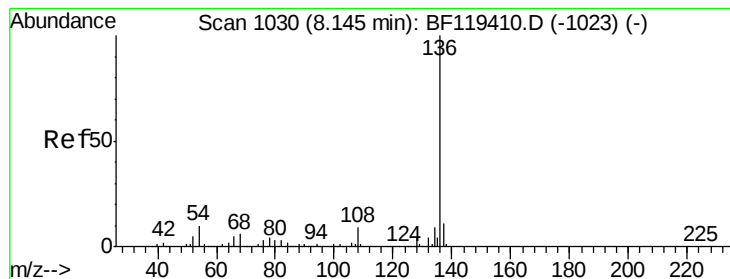
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

Instrument :

BNA\_F

ClientSampleId :

MK-031220-0-2-COMP-B3

Tgt Ion:136 Resp: 1290728

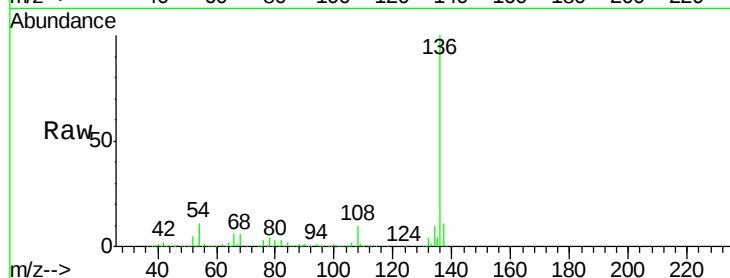
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.2 8.3 12.5

68 6.1 4.9 7.3

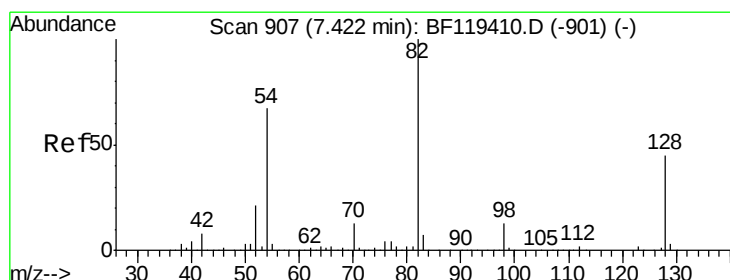
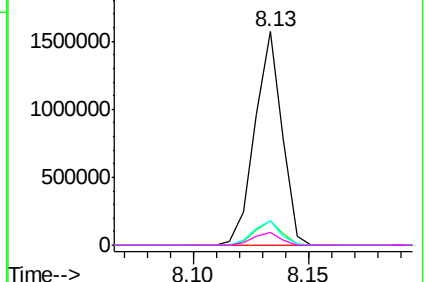
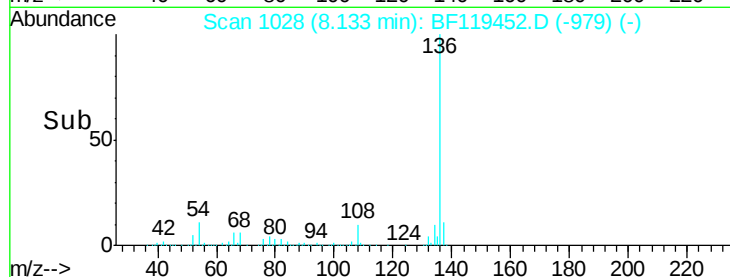


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 39.94 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

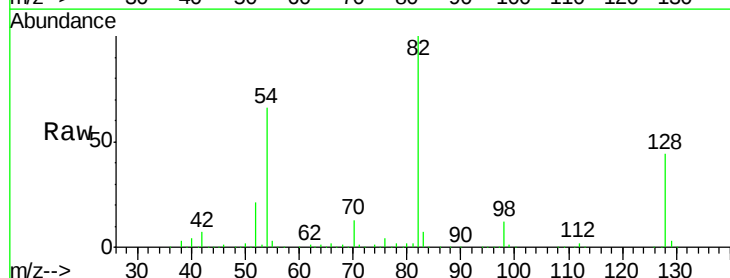
Tgt Ion: 82 Resp: 948594

Ion Ratio Lower Upper

82 100

128 43.9 35.8 53.8

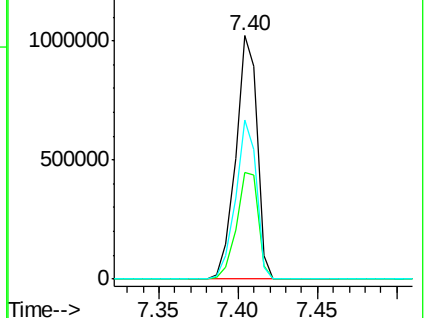
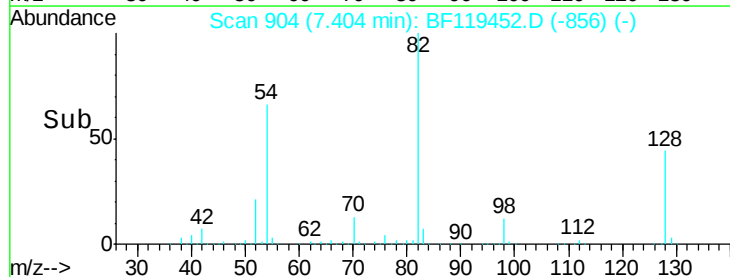
54 65.5 53.4 80.0

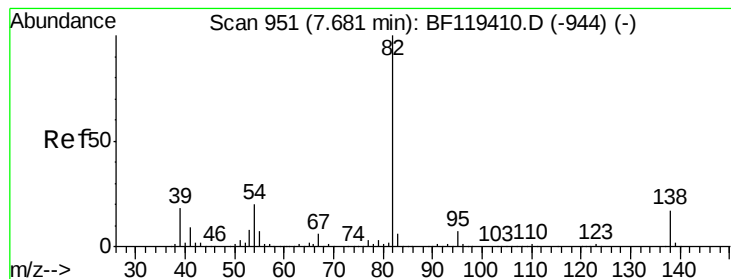


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.68 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119452.D

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MK-031220-0-2-COMP-B3

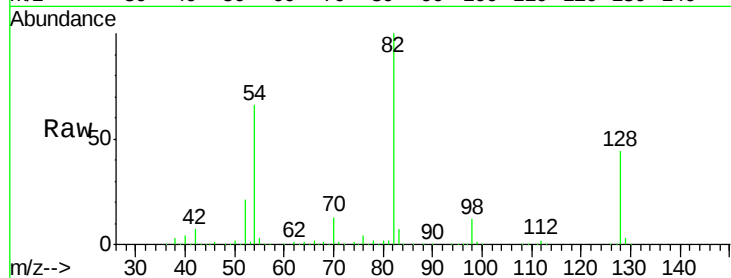
Tgt Ion: 82 Resp: 948286

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

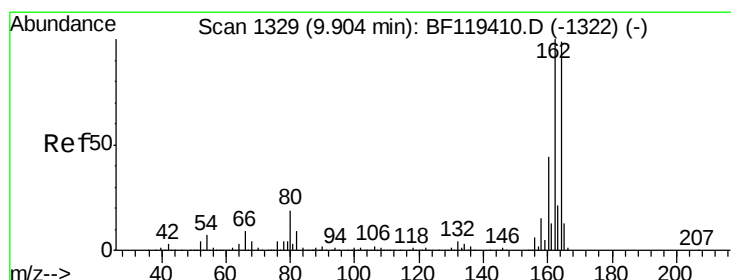
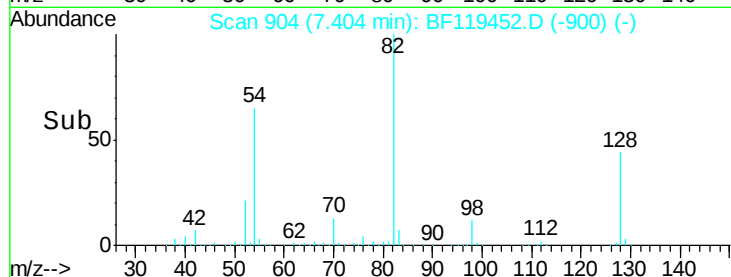
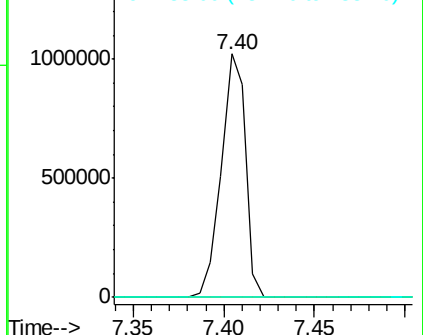
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

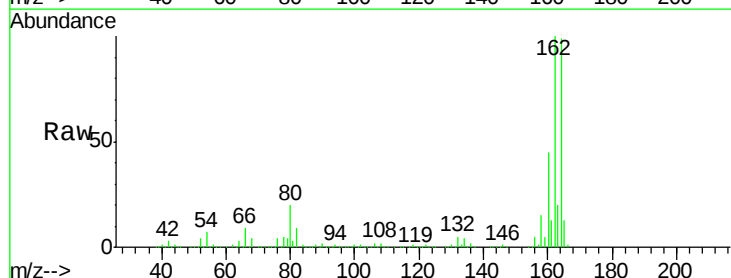
Tgt Ion: 164 Resp: 670969

Ion Ratio Lower Upper

164 100

162 101.1 80.7 121.1

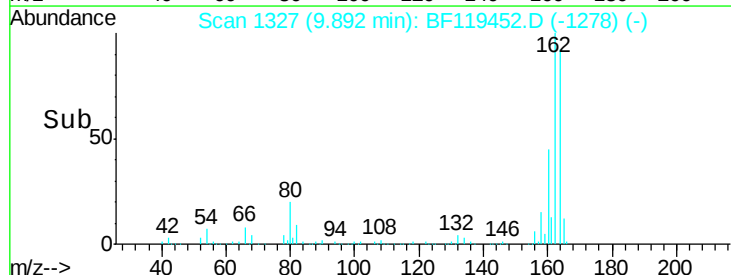
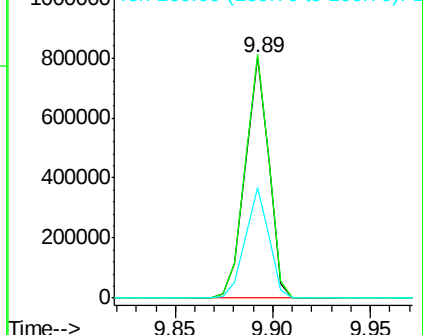
160 45.7 35.5 53.3

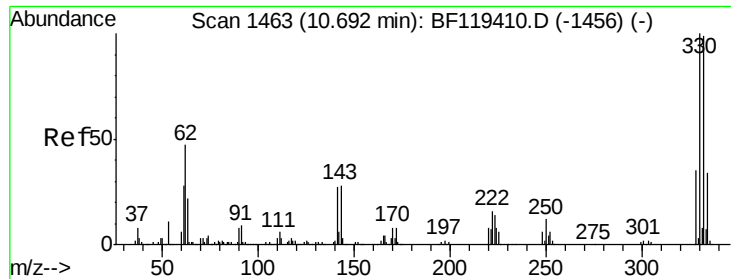


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 103.83 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

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MK-031220-0-2-COMP-B3

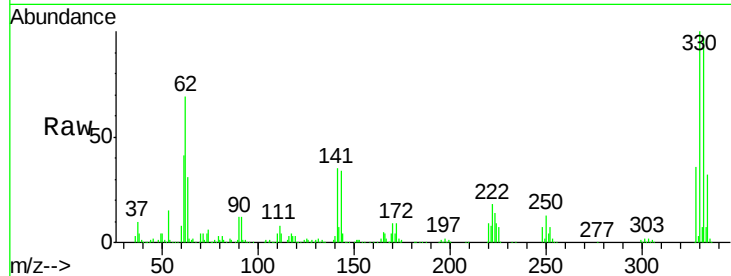
Tgt Ion:330 Resp: 718712

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

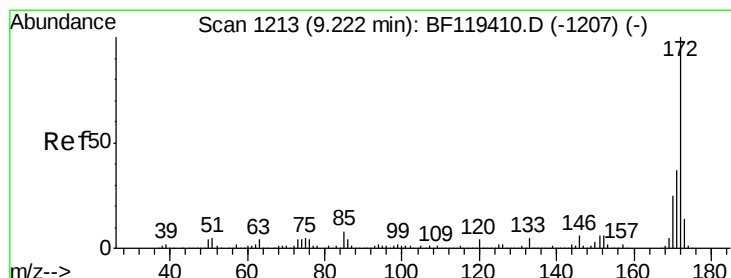
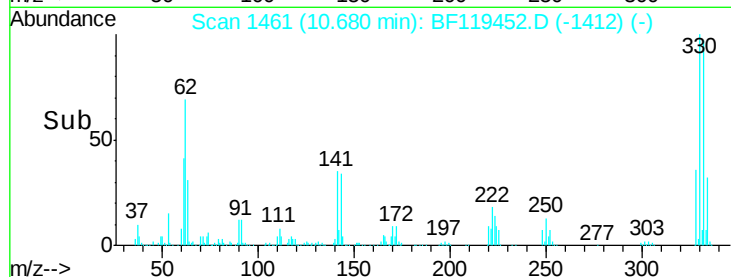
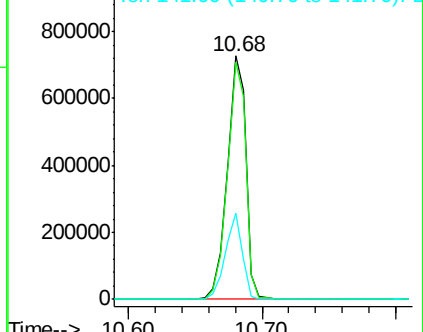
141 32.6 26.6 40.0



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: 53.34 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119452.D

Acq: 19 Mar 2020 21:53

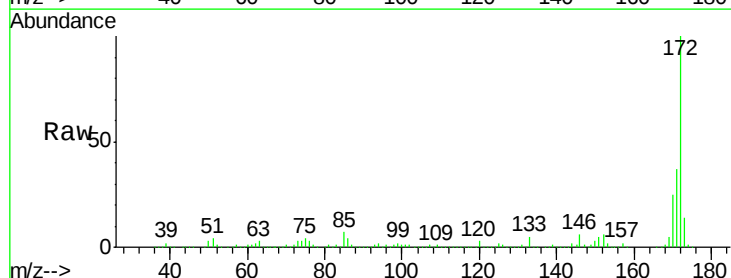
Tgt Ion:172 Resp: 2415709

Ion Ratio Lower Upper

172 100

171 37.3 29.9 44.9

170 25.0 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

