

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020217\  
 Data File : BF092747.D  
 Acq On : 2 Feb 2017 20:48  
 Operator : SJ/MA  
 Sample : I1658-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-COMP-02B-0-2FT

Quant Time: Feb 02 23:57:51 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 30 14:50:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 137220   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.22  | 136  | 541817   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.97  | 164  | 240025   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.46 | 188  | 316498   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 14.10 | 240  | 301968   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.56 | 264  | 316506   | 20.00 | ng    | -0.05    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.55  | 112  | 1402646  | 175.37 | ng    | -0.02    |
| 7) Phenol-d6                | 6.58  | 99   | 1428720  | 138.83 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 890601   | 91.53  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.77 | 330  | 223328   | 128.64 | ng    | -0.03    |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 1212451  | 91.51  | ng    | -0.03    |
| 78) Terphenyl-d14           | 13.05 | 244  | 802973   | 62.48  | ng    | -0.03    |

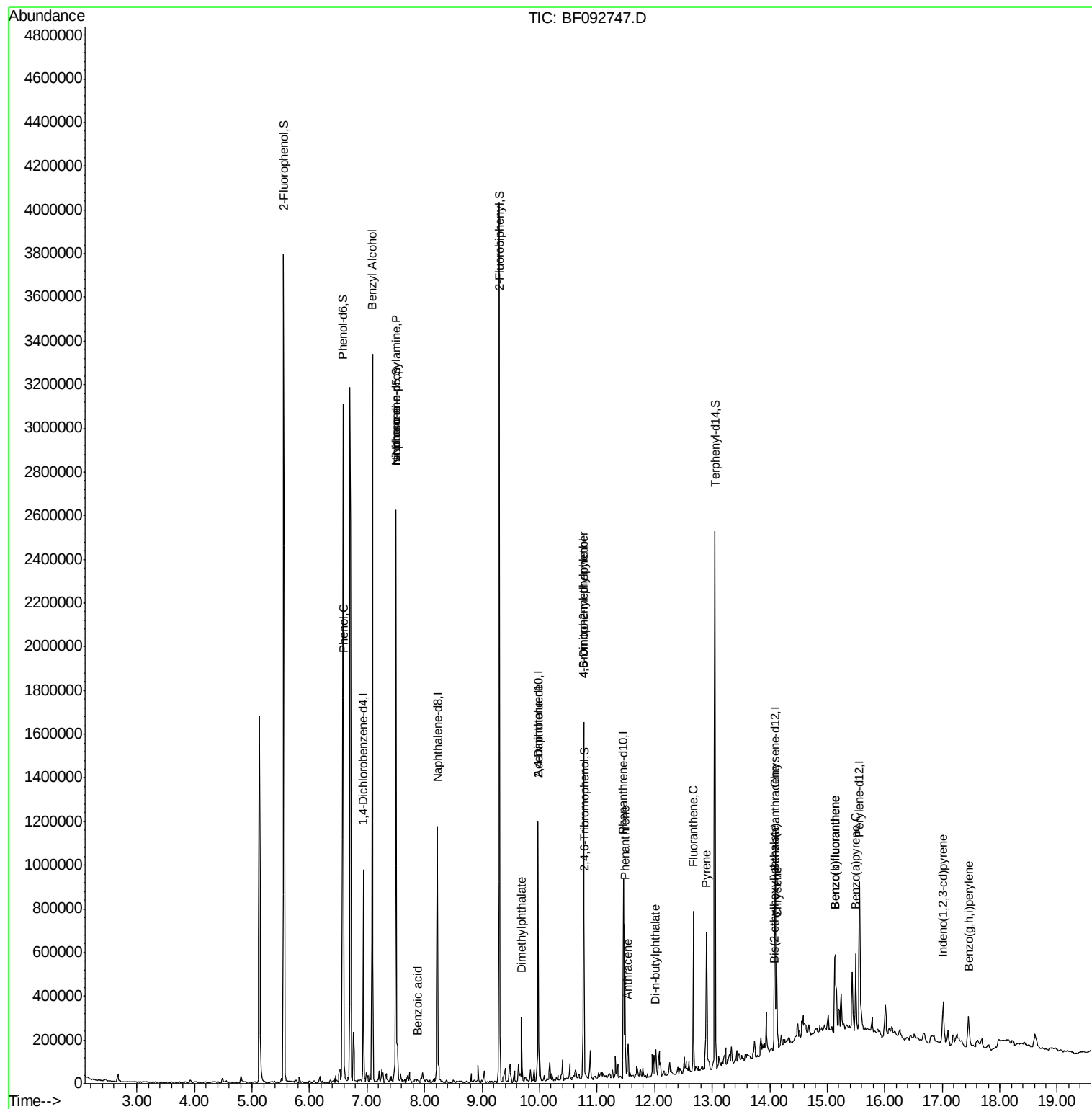
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 10) Phenol                     | 6.59  | 94   | 77973    | 6.48  | ng    | 96     |
| 15) Benzyl Alcohol             | 7.09  | 79   | 16894    | 2.22  | ng    | # 38   |
| 19) n-Nitroso-di-n-propylamine | 7.50  | 70   | 126461   | 19.30 | ng    | # 81   |
| 25) Isophorone                 | 7.50  | 82   | 878385   | 48.45 | ng    | # 65   |
| 32) Benzoic acid               | 7.88  | 122  | 275      | 7.22  | ng    | 91     |
| 49) Dimethylphthalate          | 9.69  | 163  | 112228   | 6.94  | ng    | 99     |
| 56) 2,4-Dinitrotoluene         | 9.97  | 165  | 37906    | 8.15  | ng    | # 20   |
| 64) 4,6-Dinitro-2-methylphenol | 10.76 | 198  | 398      | 2.86  | ng    | # 1    |
| 66) 4-Bromophenyl-phenylether  | 10.76 | 248  | 14839    | 4.49  | ng    | # 1    |
| 70) Phenanthrene               | 11.48 | 178  | 250002   | 13.79 | ng    | 97     |
| 71) Anthracene                 | 11.54 | 178  | 79787    | 4.38  | ng    | 97     |
| 73) Di-n-butylphthalate        | 12.02 | 149  | 58218    | 3.09  | ng    | # 96   |
| 74) Fluoranthene               | 12.67 | 202  | 279319   | 14.93 | ng    | 97     |
| 77) Pyrene                     | 12.90 | 202  | 253812   | 11.23 | ng    | 98     |
| 80) Benzo(a)anthracene         | 14.09 | 228  | 171475   | 9.28  | ng    | 95     |
| 82) Chrysene                   | 14.12 | 228  | 122605   | 7.09  | ng    | 97     |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 31867    | 2.54  | ng    | # 90   |
| 85) Indeno(1,2,3-cd)pyrene     | 17.01 | 276  | 128333   | 9.58  | ng    | 98     |
| 87) Benzo(b)fluoranthene       | 15.14 | 252  | 307779   | 14.77 | ng    | 98     |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 307779   | 17.11 | ng    | 97     |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 171634   | 9.52  | ng    | # 96   |
| 91) Benzo(g,h,i)perylene       | 17.46 | 276  | 121821   | 8.28  | ng    | 95     |

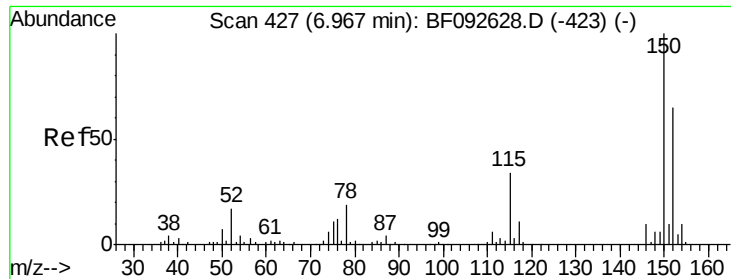
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020217\  
Data File : BF092747.D  
Acq On : 2 Feb 2017 20:48  
Operator : SJ/MA  
Sample : I1658-16  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-02B-0-2FT

Quant Time: Feb 02 23:57:51 2017  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 30 14:50:05 2017  
Response via : Initial Calibration

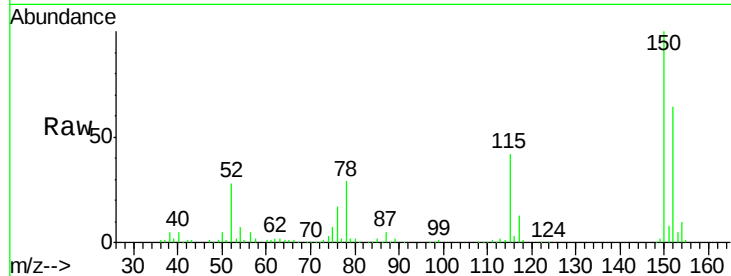




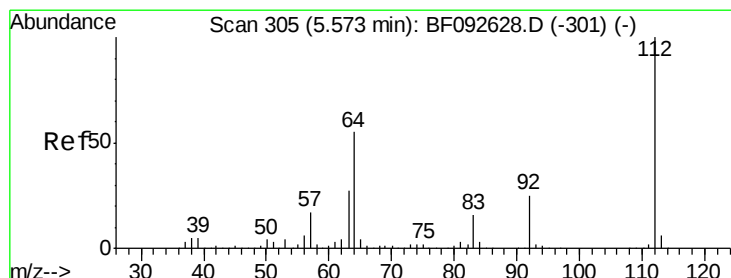
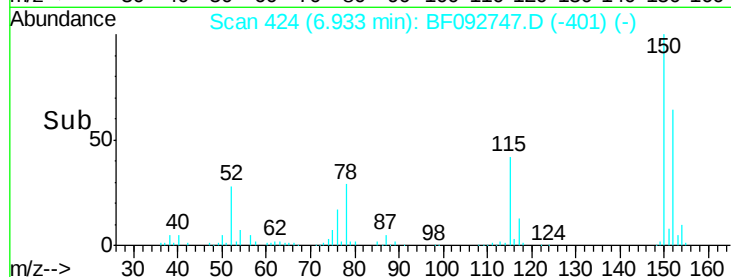
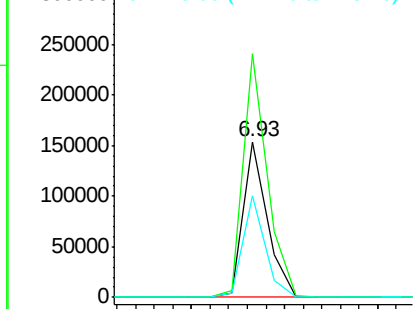
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.93 min Scan# 424  
 Delta R.T. -0.03 min  
 Lab File: BF092747.D  
 Acq: 2 Feb 2017 20:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-COMP-02B-0-2FT

Tgt Ion:152 Resp: 137220  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 124.9 187.3  
 115 65.1 46.0 69.0

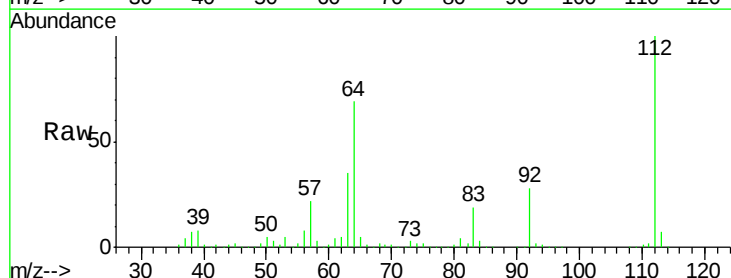


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

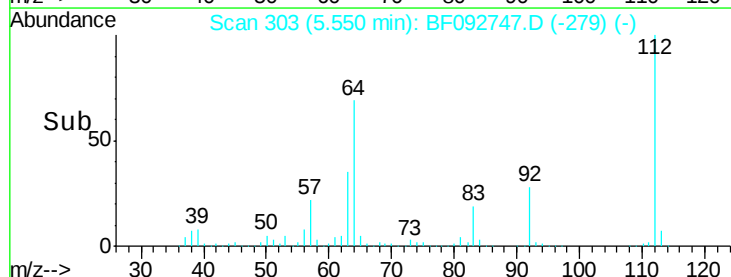
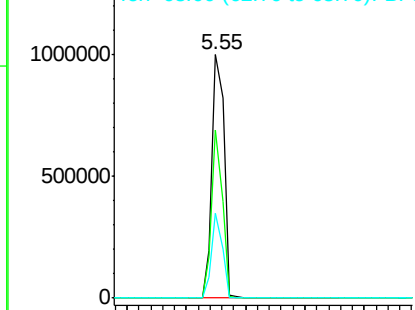


#5  
 2-Fluorophenol  
 Concen: 175.37 ng  
 RT: 5.55 min Scan# 303  
 Delta R.T. -0.02 min  
 Lab File: BF092747.D  
 Acq: 2 Feb 2017 20:48

Tgt Ion:112 Resp: 1402646  
 Ion Ratio Lower Upper  
 112 100  
 64 69.1 46.1 69.1  
 63 34.7 23.8 35.6



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





#7

Phenol-d6

Concen: 138.83 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

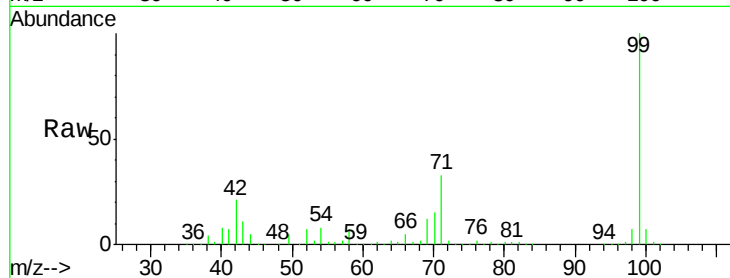
Tgt Ion: 99 Resp: 1428720

Ion Ratio Lower Upper

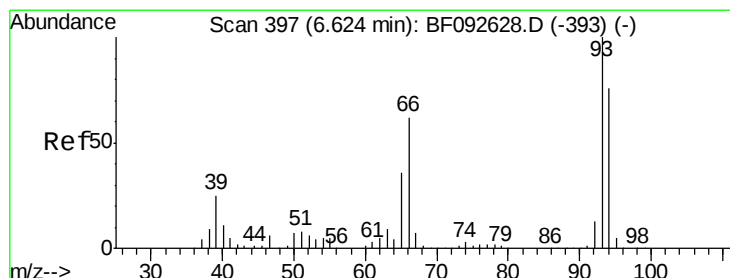
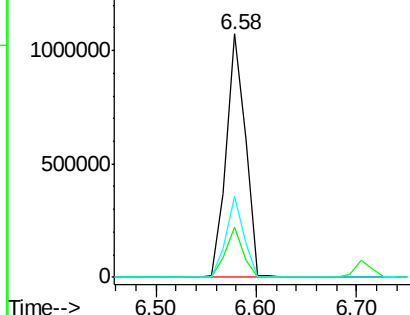
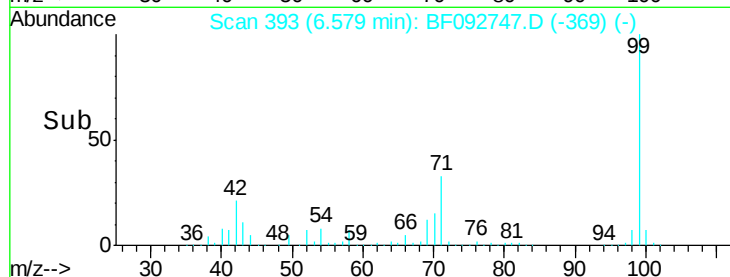
99 100

42 20.8 15.6 23.4

71 33.5 27.5 41.3



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: 6.48 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

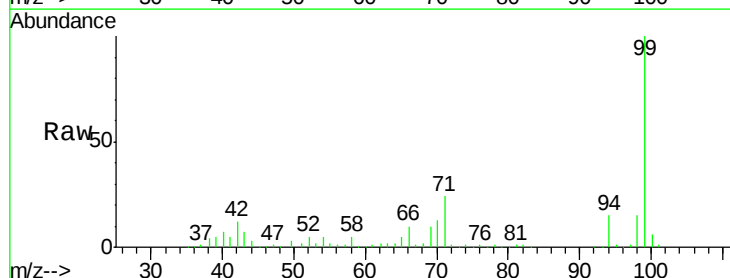
Tgt Ion: 94 Resp: 77973

Ion Ratio Lower Upper

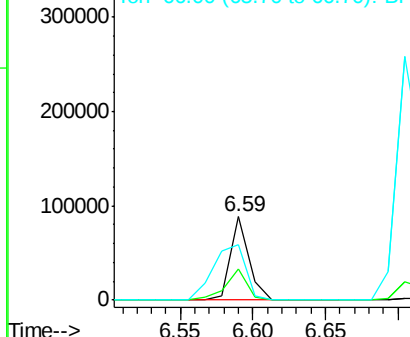
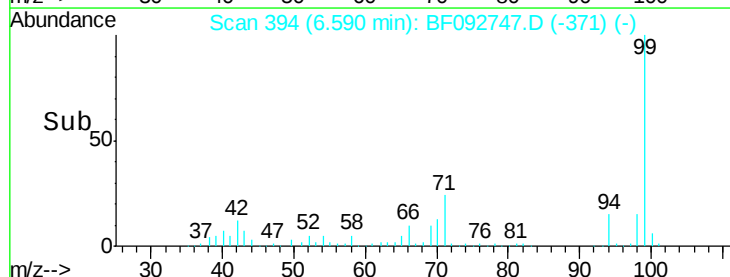
94 100

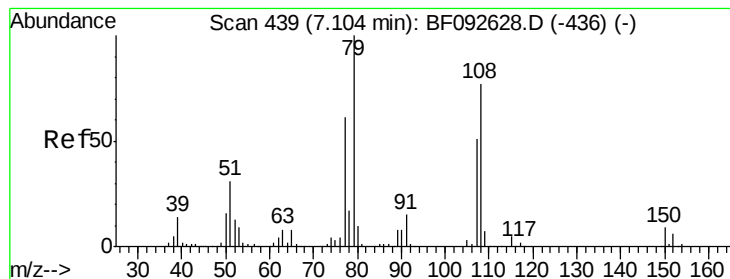
65 37.1 21.4 61.4

66 66.3 44.0 84.0



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





#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

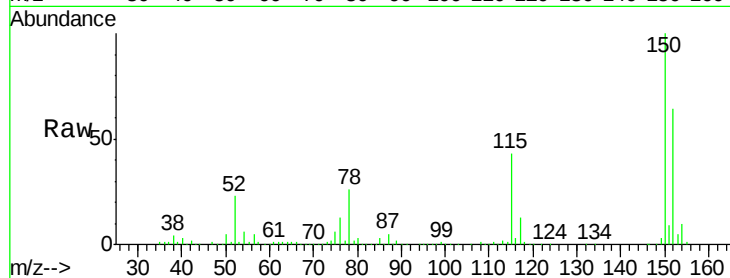
Tgt Ion: 79 Resp: 16894

Ion Ratio Lower Upper

79 100

108 28.6 61.4 92.0#

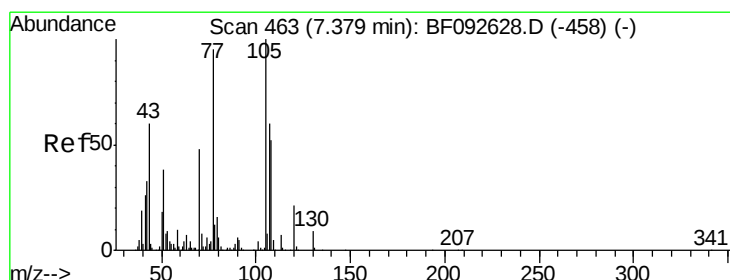
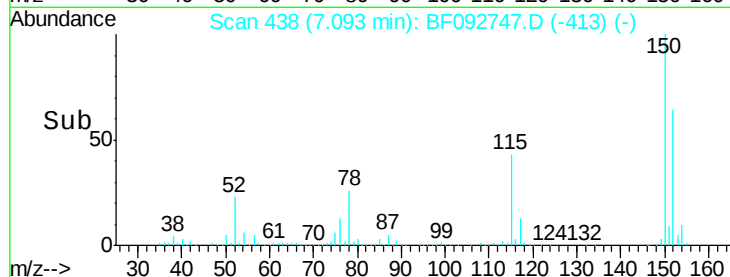
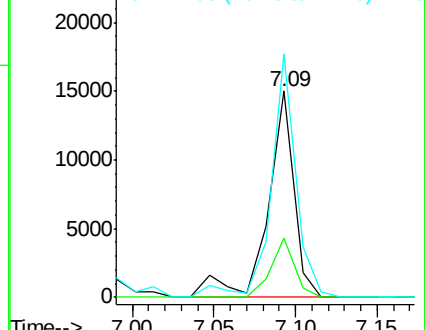
77 118.0 50.9 76.3#



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: 19.30 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Tgt Ion: 70 Resp: 126461

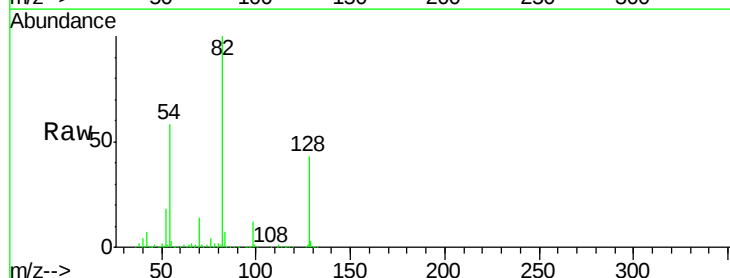
Ion Ratio Lower Upper

70 100

42 52.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

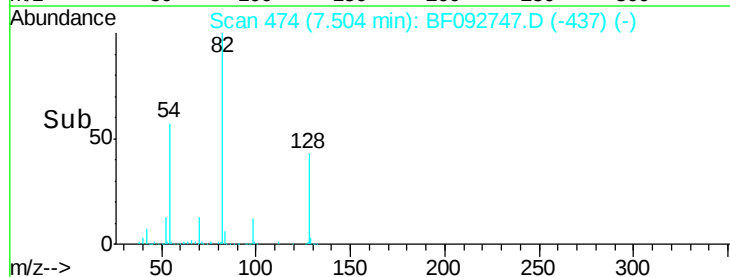
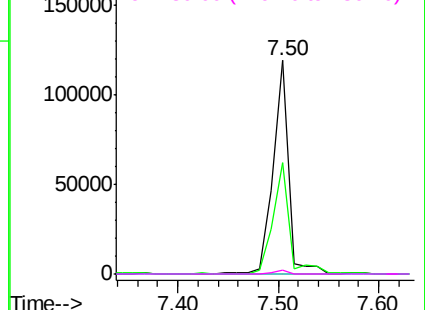


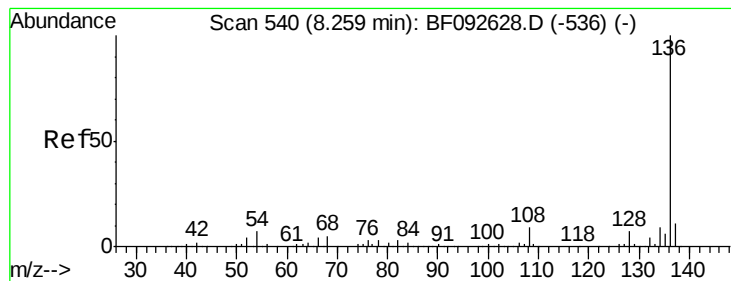
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

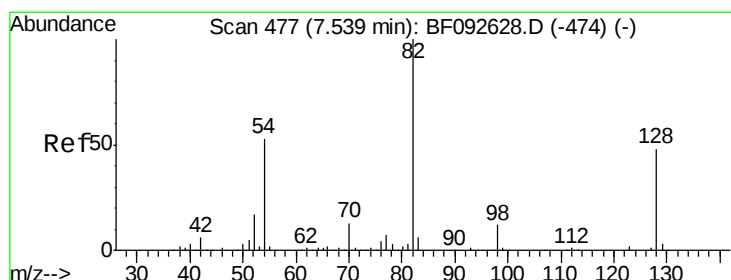
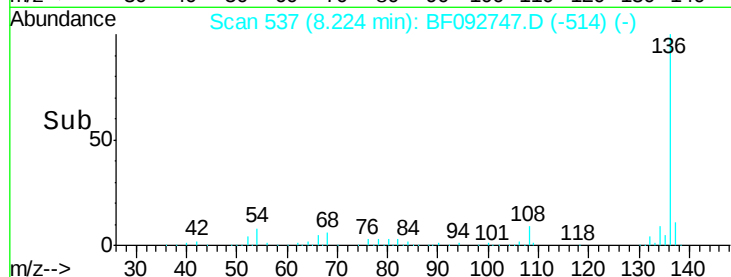
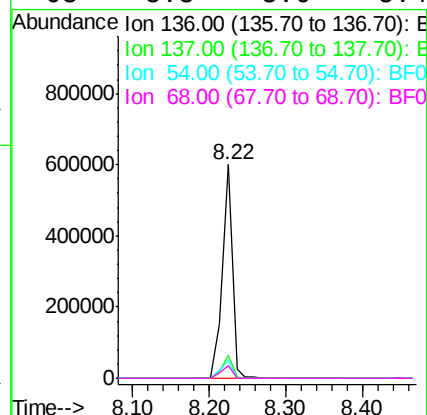
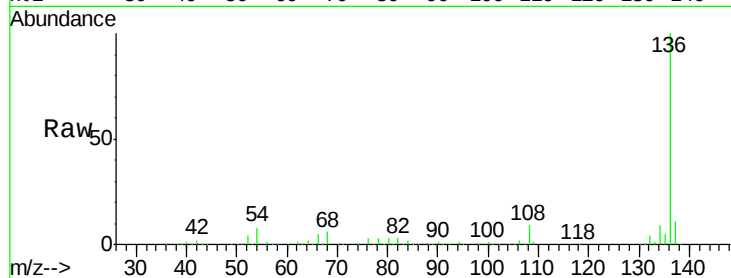




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.22 min Scan# 537  
Delta R.T. -0.03 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

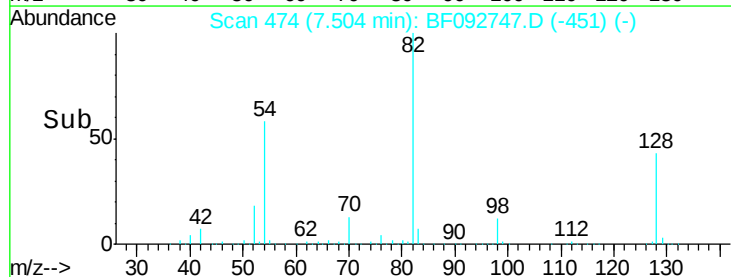
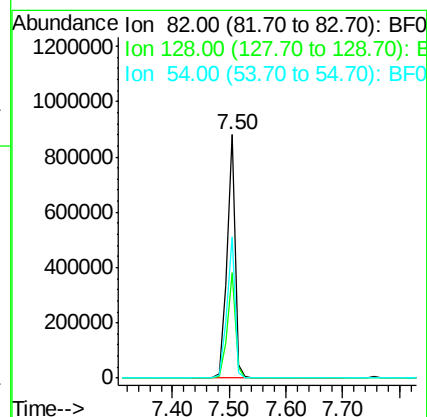
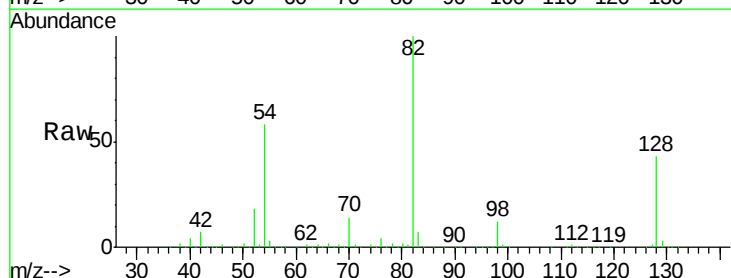
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-02B-0-2FT

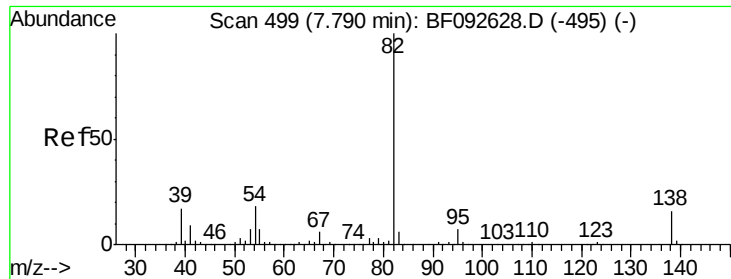
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 541817 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.4   | 12.6   |
| 54       | 8.4   | 4.5   | 6.7#   |
| 68       | 5.8   | 3.6   | 5.4#   |



#23  
Nitrobenzene-d5  
Concen: 91.53 ng  
RT: 7.50 min Scan# 474  
Delta R.T. -0.03 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 890601 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 43.2  | 34.6  | 52.0   |
| 54       | 58.0  | 39.5  | 59.3   |

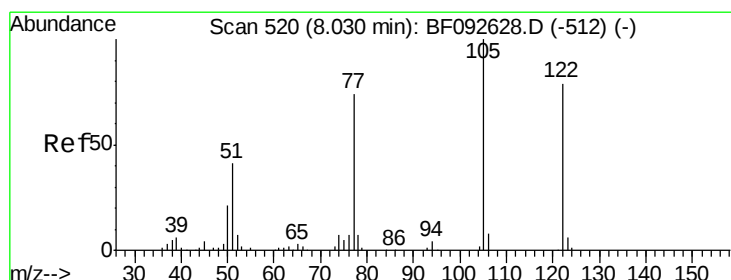
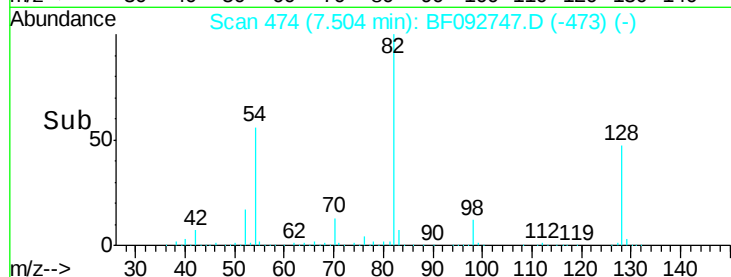
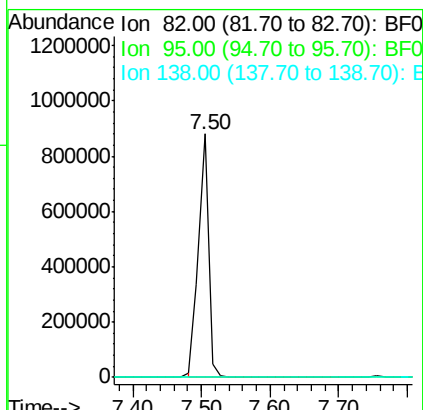
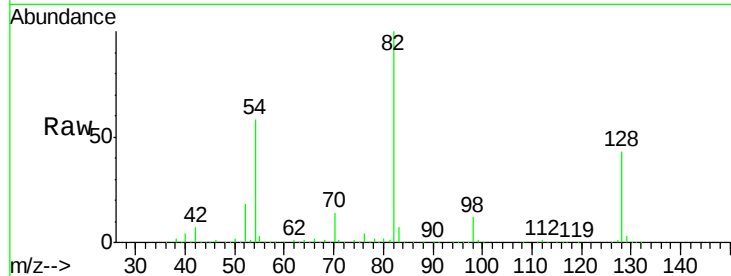




#25  
Isophorone  
Concen: 48.45 ng  
RT: 7.50 min Scan# 474  
Delta R.T. -0.29 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

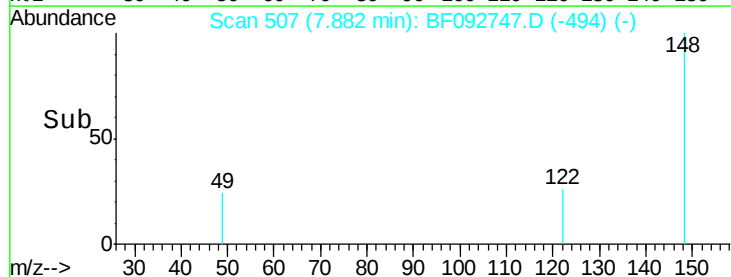
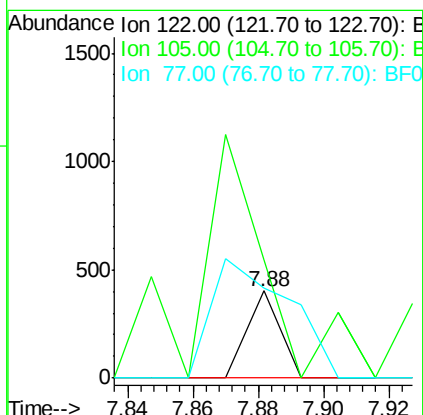
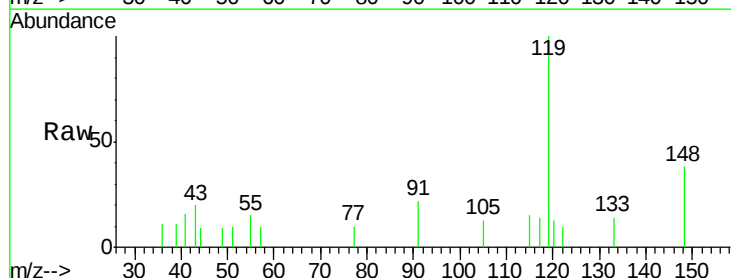
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-02B-0-2FT

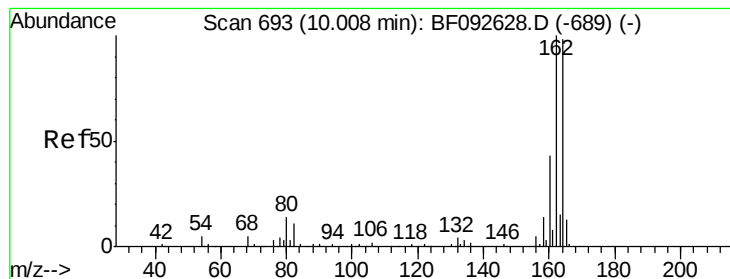
Tgt Ion: 82 Resp: 878385  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 14.6 22.0#



#32  
Benzoic acid  
Concen: 7.22 ng  
RT: 7.88 min Scan# 507  
Delta R.T. -0.15 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Tgt Ion: 122 Resp: 275  
Ion Ratio Lower Upper  
122 100  
105 136.4 107.2 147.2  
77 103.5 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

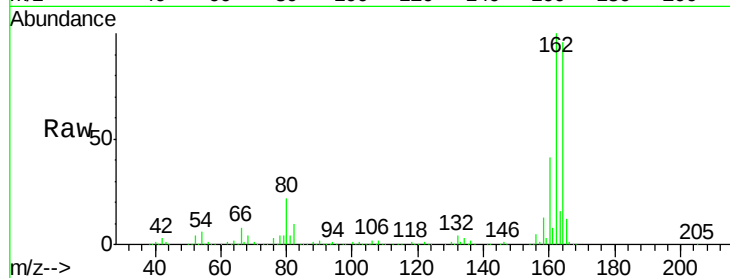
Tgt Ion:164 Resp: 240025

Ion Ratio Lower Upper

164 100

162 104.2 80.2 120.2

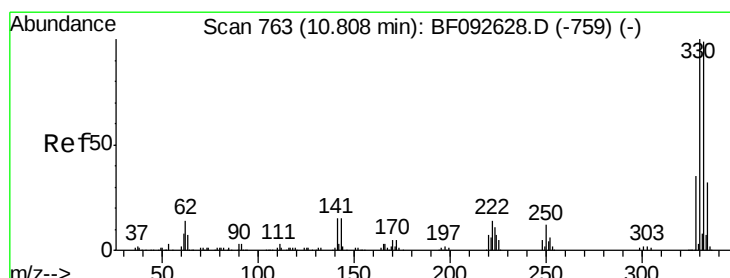
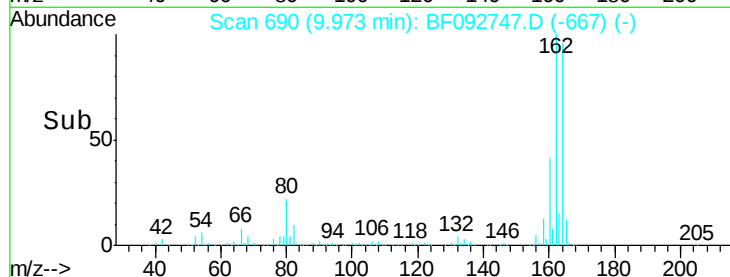
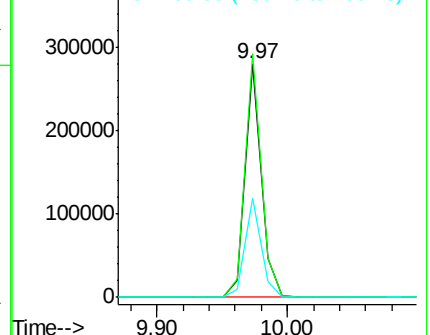
160 42.6 36.9 55.3



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



#41

2,4,6-Tribromophenol

Concen: 128.64 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

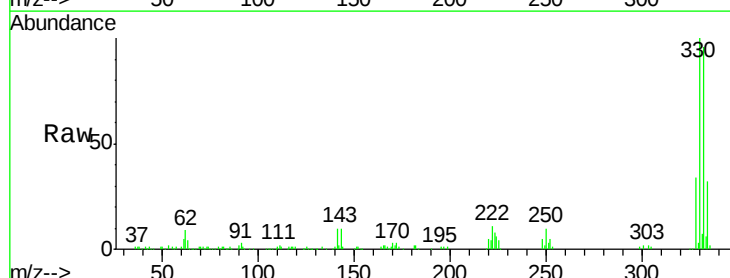
Tgt Ion:330 Resp: 223328

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

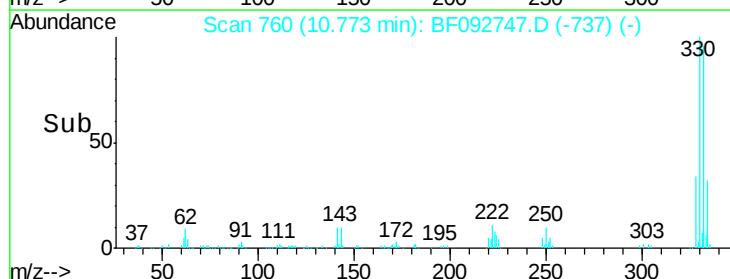
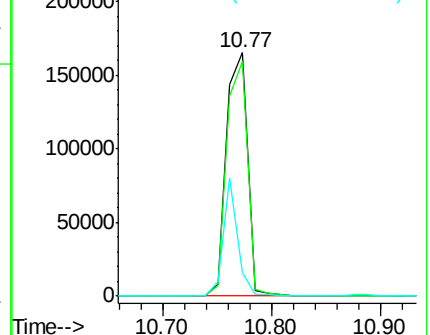
141 34.1 34.1 51.1

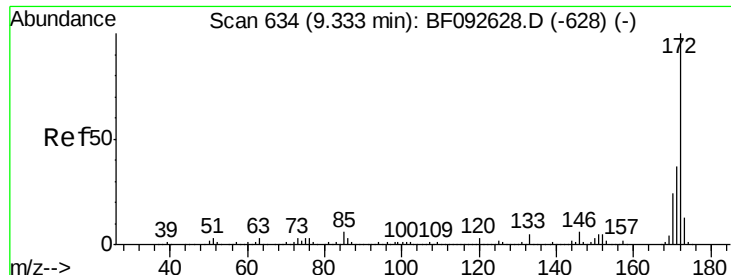


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

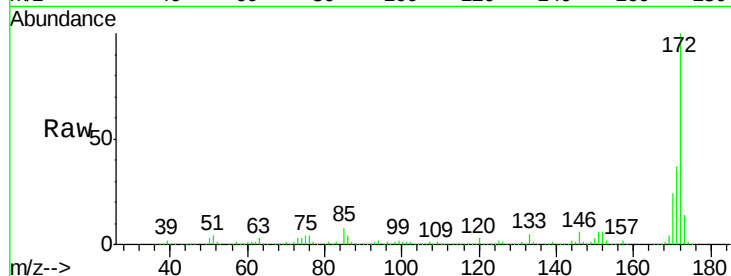




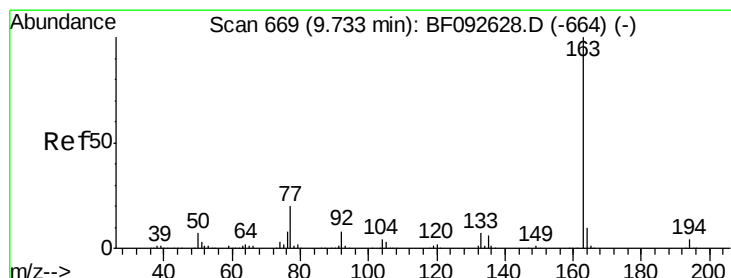
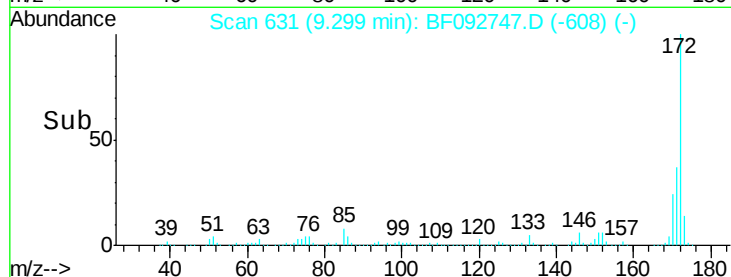
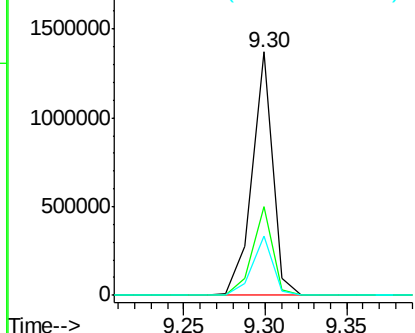
#44  
2-Fluorobiphenyl  
Concen: 91.51 ng  
RT: 9.30 min Scan# 631  
Delta R.T. -0.03 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-02B-0-2FT

Tgt Ion:172 Resp: 1212451  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.4 44.0  
170 24.2 20.2 30.4

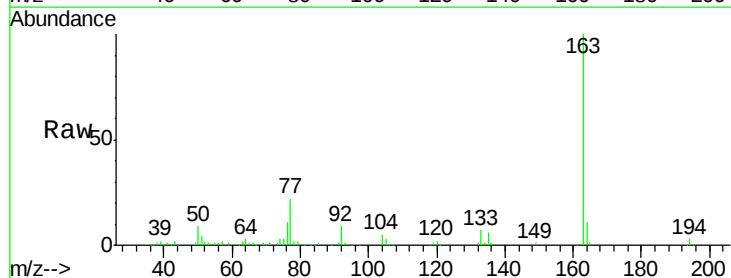


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

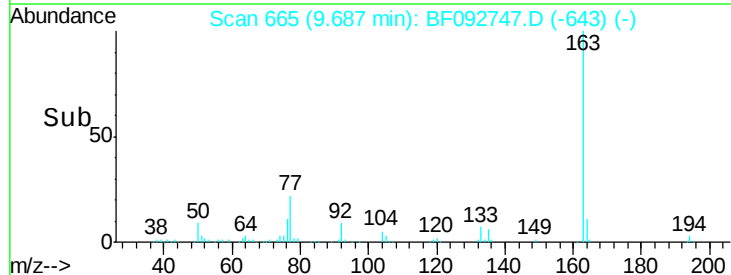
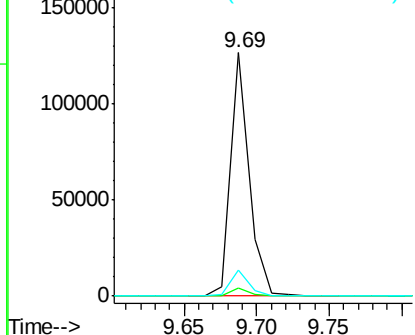


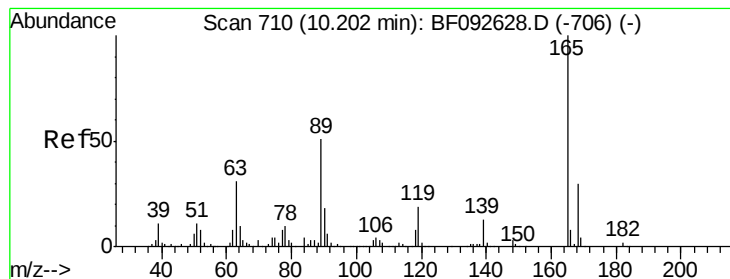
#49  
Dimethylphthalate  
Concen: 6.94 ng  
RT: 9.69 min Scan# 665  
Delta R.T. -0.05 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Tgt Ion:163 Resp: 112228  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.4  
164 10.6 8.0 12.0



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





#56

2,4-Dinitrotoluene

Concen: 8.15 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.23 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

Tgt Ion:165 Resp: 37906

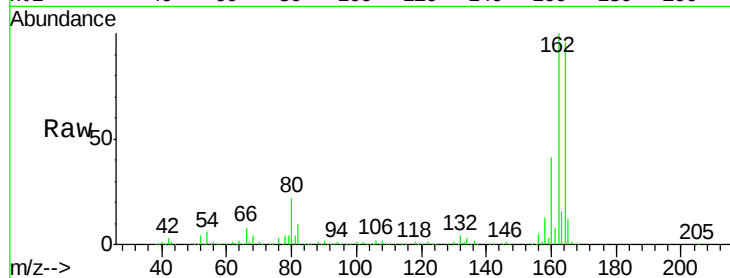
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

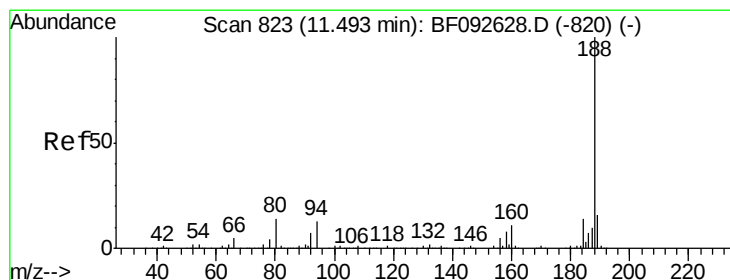
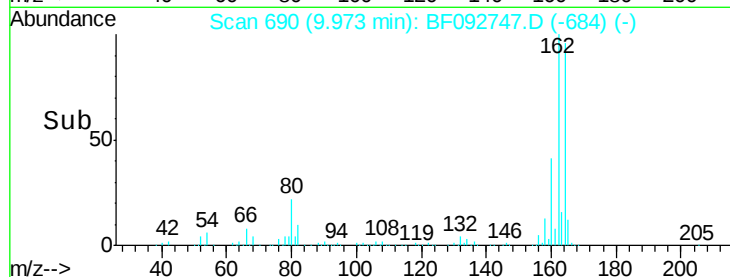
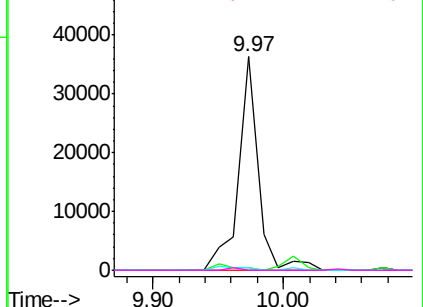


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

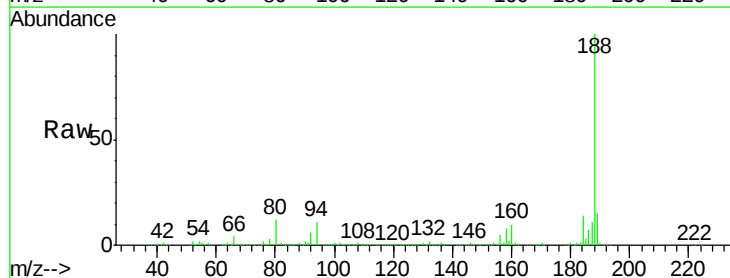
Tgt Ion:188 Resp: 316498

Ion Ratio Lower Upper

188 100

94 10.9 10.0 15.0

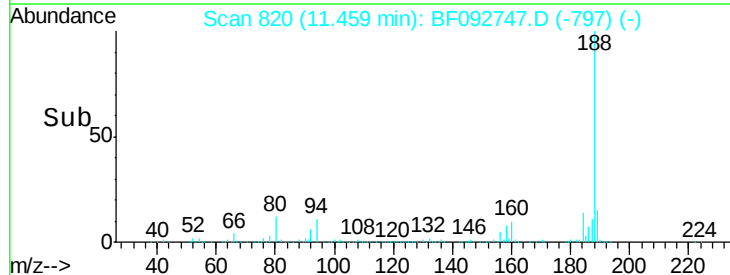
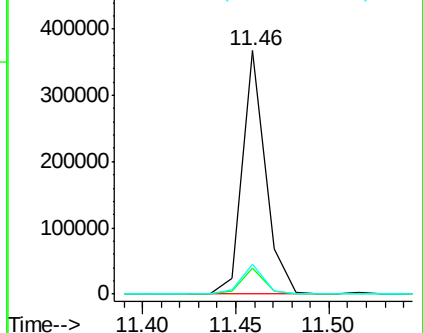
80 12.0 11.2 16.8

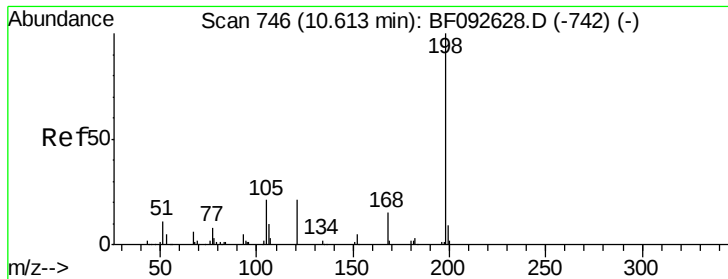


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.86 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

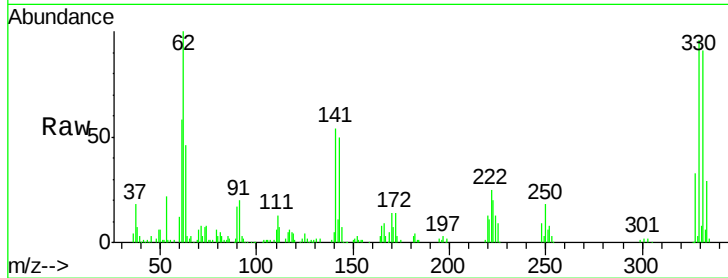
Tgt Ion:198 Resp: 398

Ion Ratio Lower Upper

198 100

51 277.1 6.7 46.7#

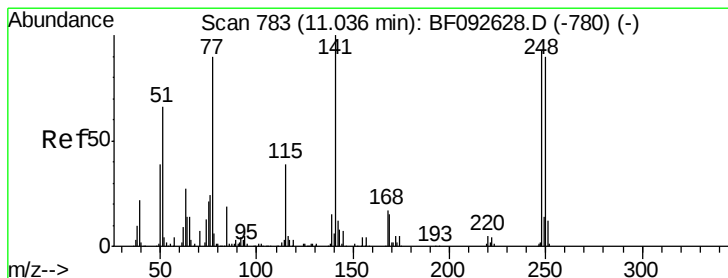
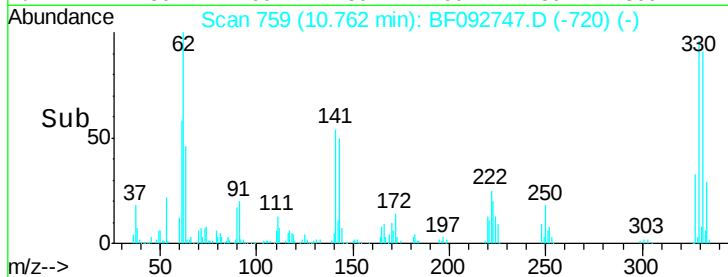
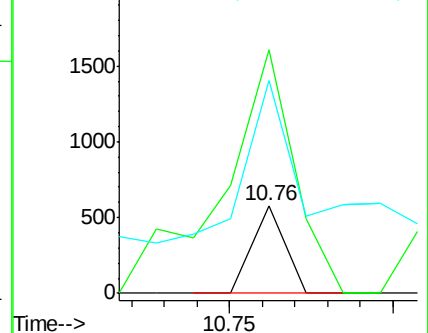
105 242.6 16.6 56.6#



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



#66

4-Bromophenyl-phenylether

Concen: 4.49 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

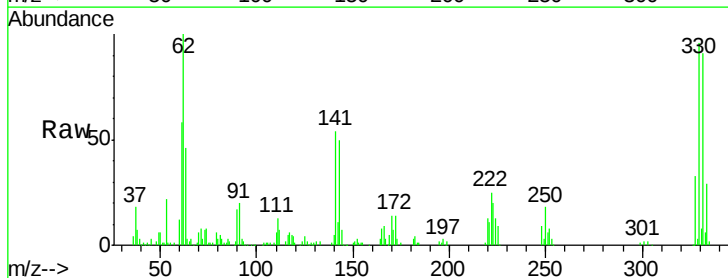
Tgt Ion:248 Resp: 14839

Ion Ratio Lower Upper

248 100

250 205.9 76.9 115.3#

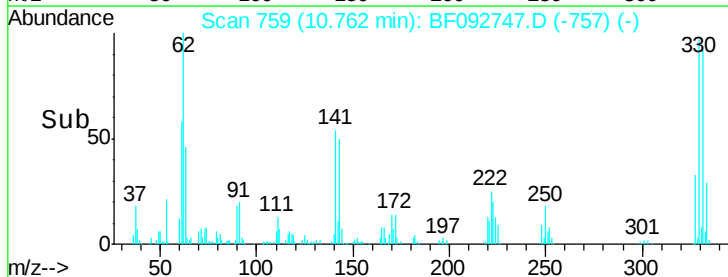
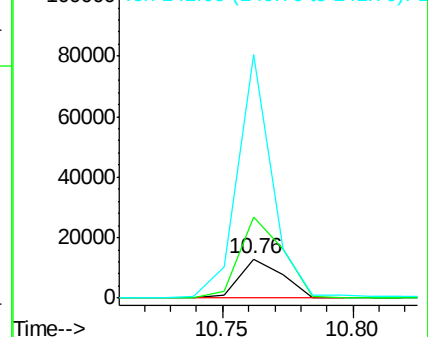
141 619.3 68.2 102.4#

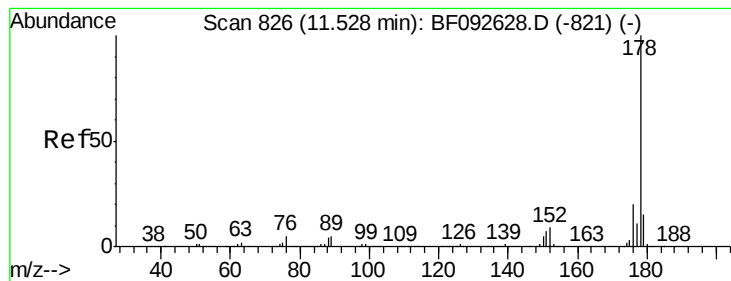


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 13.79 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.05 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

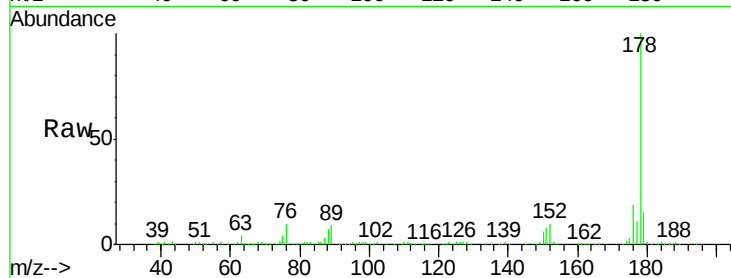
Tgt Ion:178 Resp: 250002

Ion Ratio Lower Upper

178 100

176 18.9 16.6 25.0

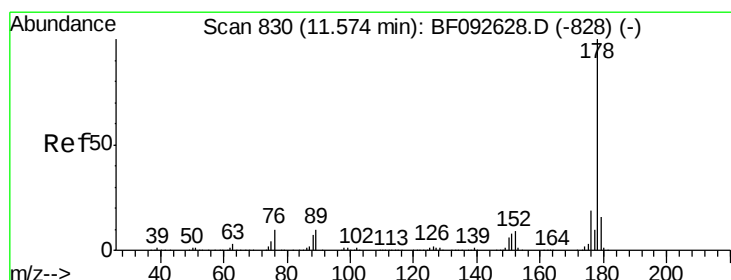
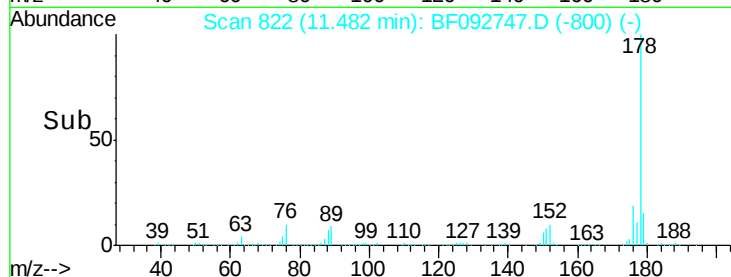
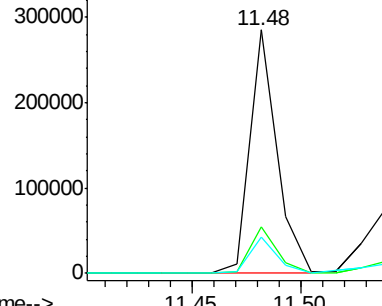
179 15.0 12.8 19.2



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



#71

Anthracene

Concen: 4.38 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

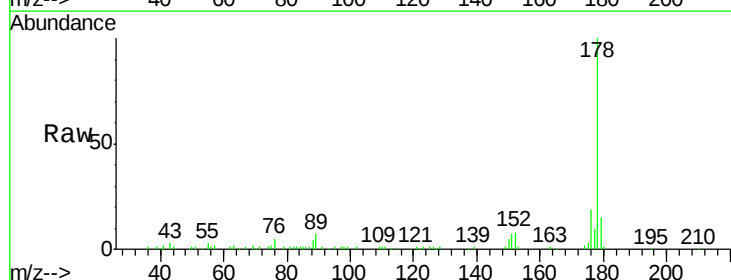
Tgt Ion:178 Resp: 79787

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

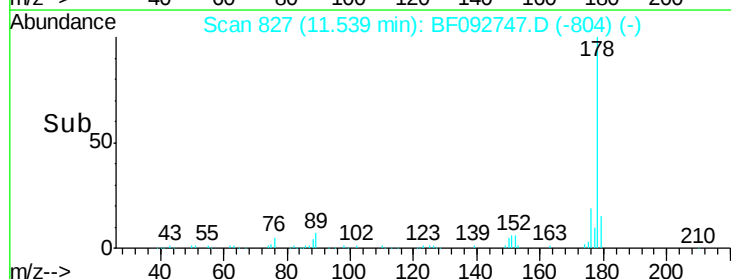
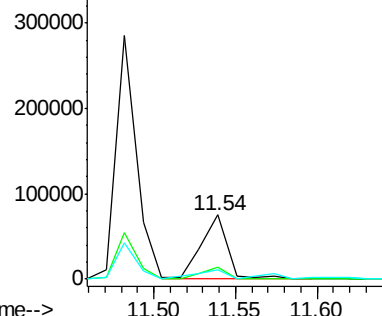
179 14.5 13.2 19.8

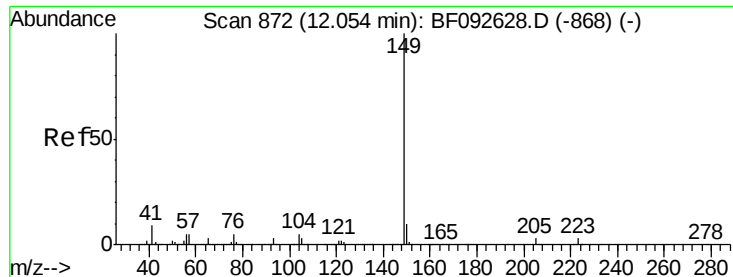


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

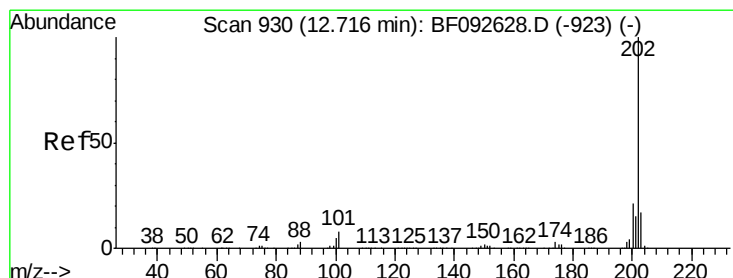
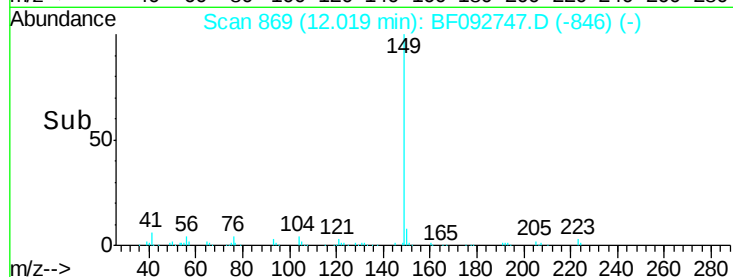
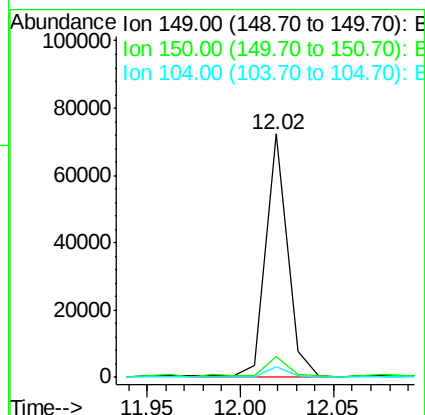
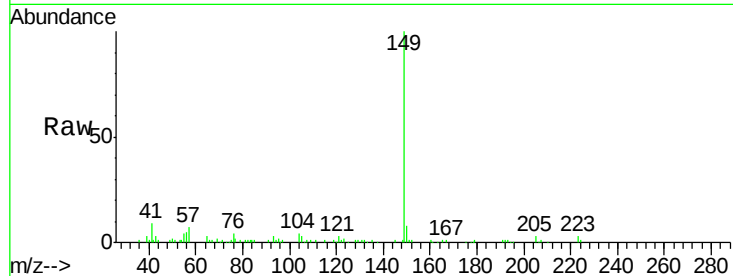




#73  
Di-n-butylphthalate  
Concen: 3.09 ng  
RT: 12.02 min Scan# 869  
Delta R.T. -0.03 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

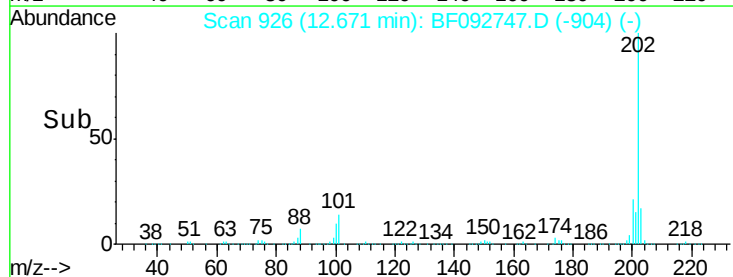
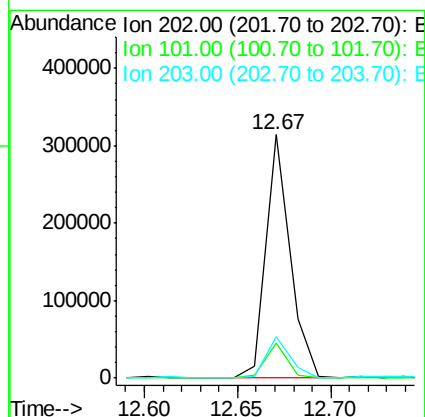
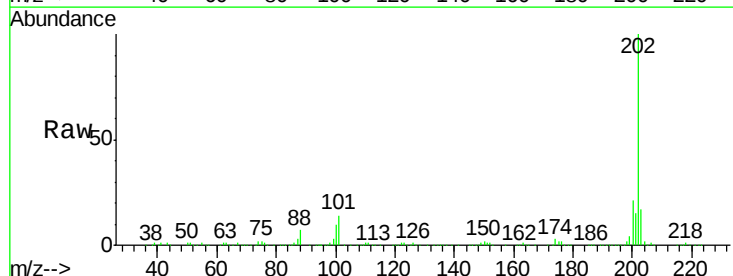
Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-02B-0-2FT

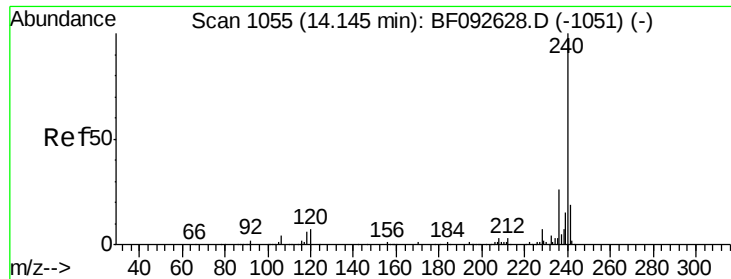
Tgt Ion:149 Resp: 58218  
Ion Ratio Lower Upper  
149 100  
150 8.4 8.1 12.1  
104 4.3 4.6 7.0#



#74  
Fluoranthene  
Concen: 14.93 ng  
RT: 12.67 min Scan# 926  
Delta R.T. -0.05 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Tgt Ion:202 Resp: 279319  
Ion Ratio Lower Upper  
202 100  
101 14.1 0.0 34.6  
203 17.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

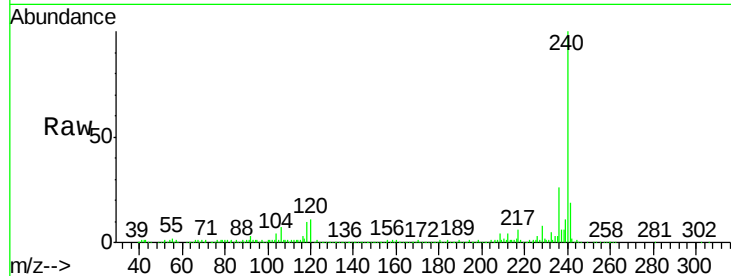
Tgt Ion:240 Resp: 301968

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

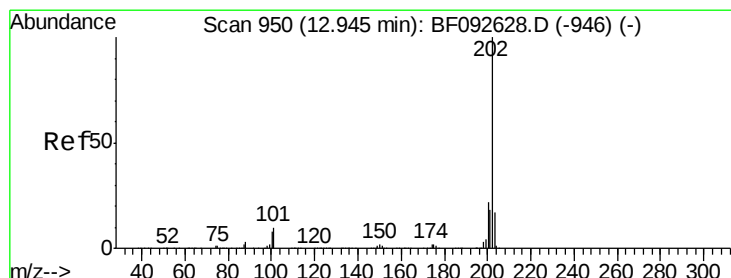
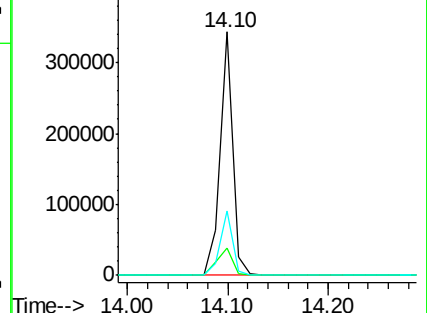
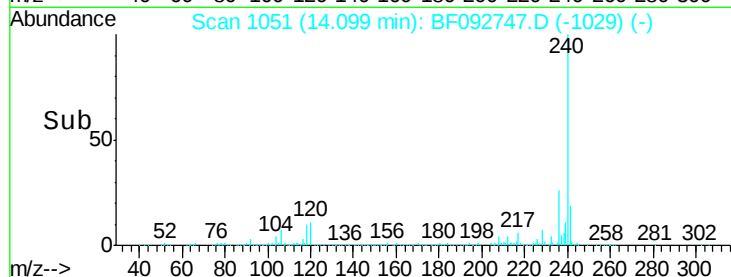
236 26.4 20.9 31.3



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: 11.23 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

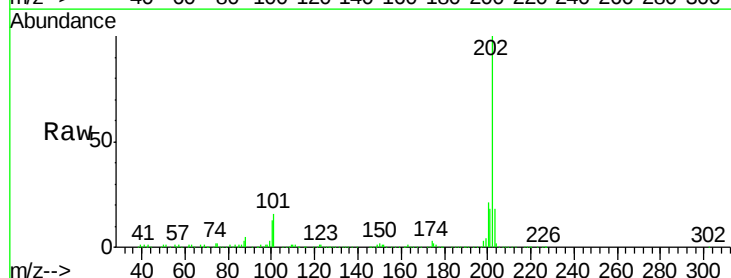
Tgt Ion:202 Resp: 253812

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

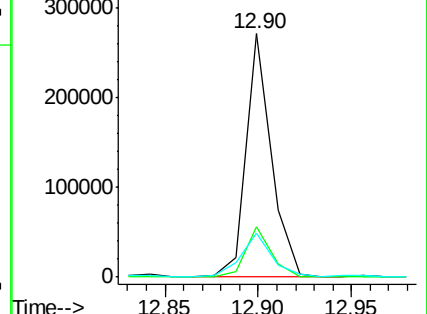
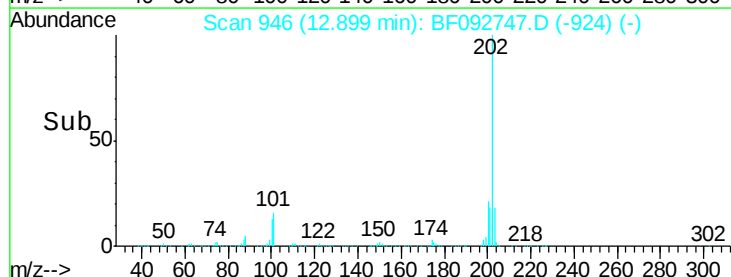
203 18.2 14.7 22.1

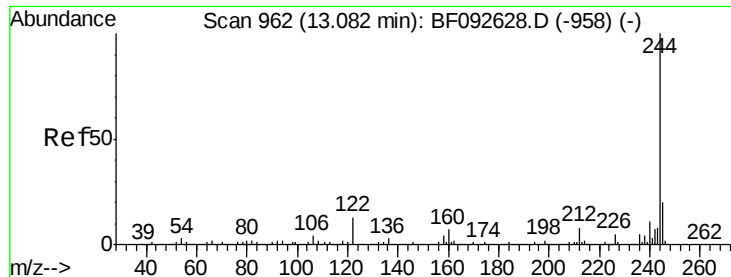


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

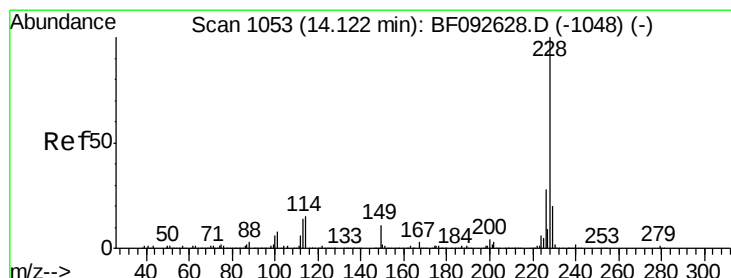
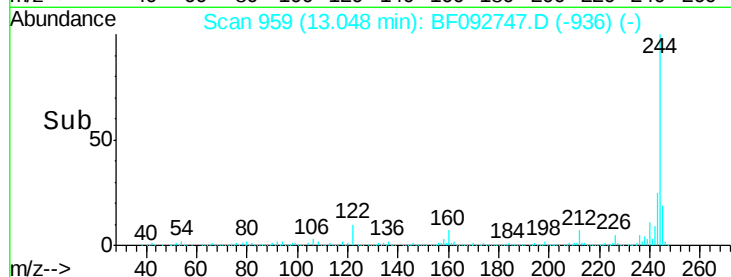
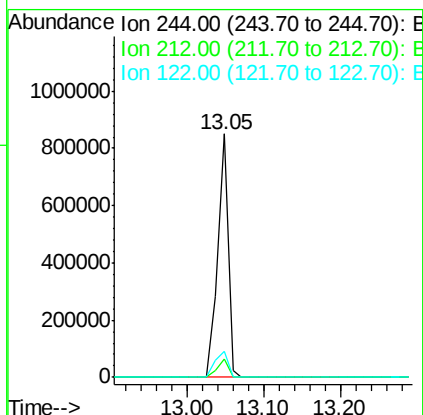
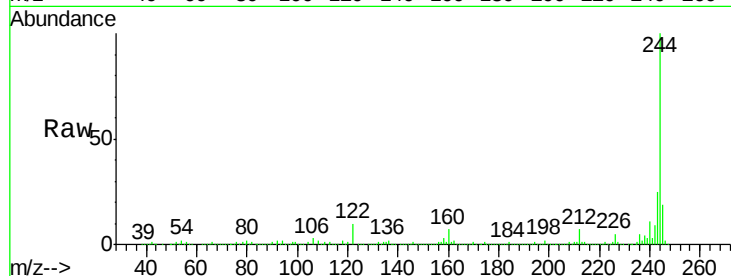




#78  
 Terphenyl-d14  
 Concen: 62.48 ng  
 RT: 13.05 min Scan# 959  
 Delta R.T. -0.03 min  
 Lab File: BF092747.D  
 Acq: 2 Feb 2017 20:48

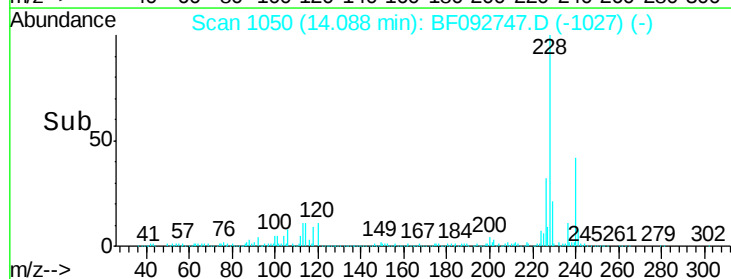
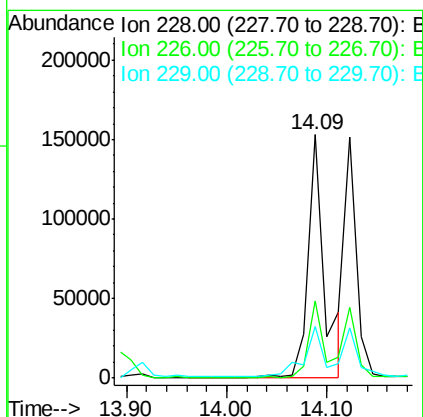
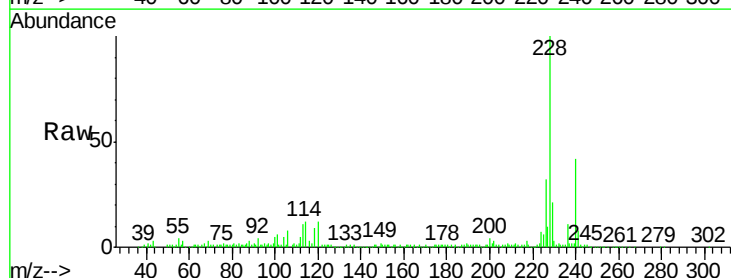
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-COMP-02B-0-2FT

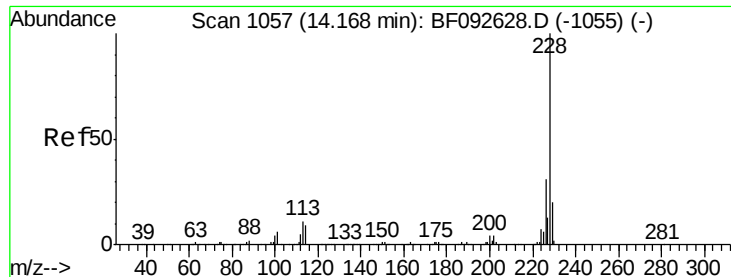
Tgt Ion:244 Resp: 802973  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.2 9.2  
 122 10.5 11.4 17.2#



#80  
 Benzo(a)anthracene  
 Concen: 9.28 ng  
 RT: 14.09 min Scan# 1050  
 Delta R.T. -0.03 min  
 Lab File: BF092747.D  
 Acq: 2 Feb 2017 20:48

Tgt Ion:228 Resp: 171475  
 Ion Ratio Lower Upper  
 228 100  
 226 31.8 22.4 33.6  
 229 21.0 16.2 24.4





#82

Chrysene

Concen: 7.09 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

Instrument :

BNA\_F

ClientSampleId :

SP-COMP-02B-0-2FT

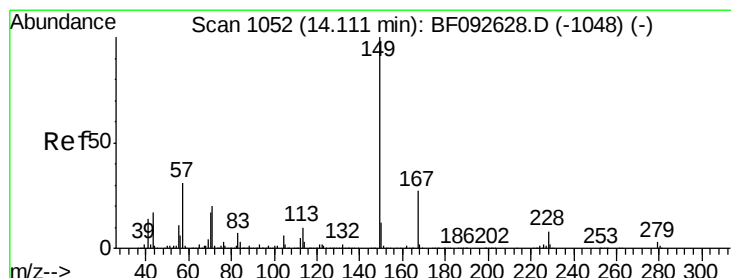
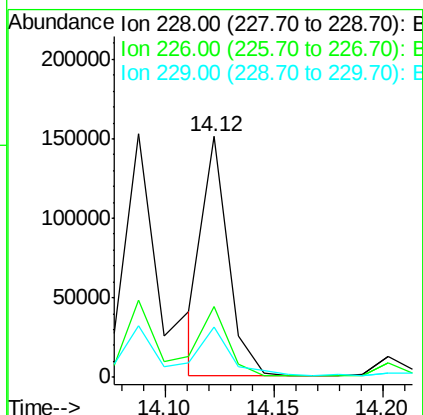
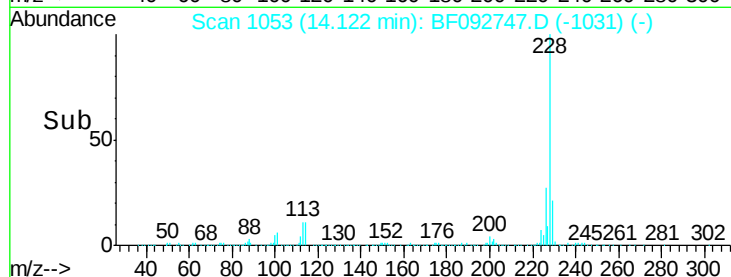
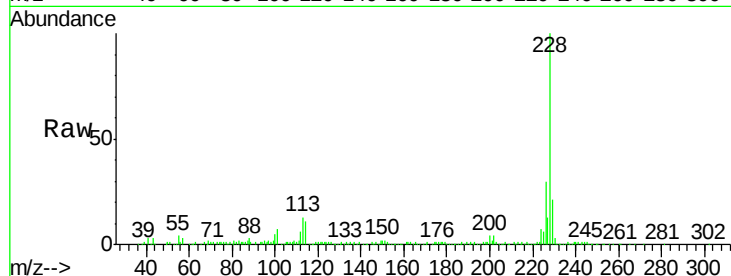
Tgt Ion:228 Resp: 122605

Ion Ratio Lower Upper

228 100

226 29.6 25.4 38.0

229 21.1 16.2 24.2



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.54 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

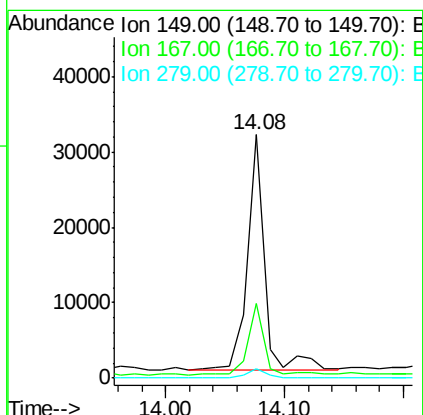
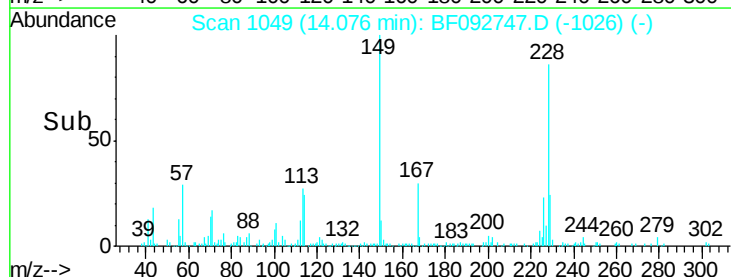
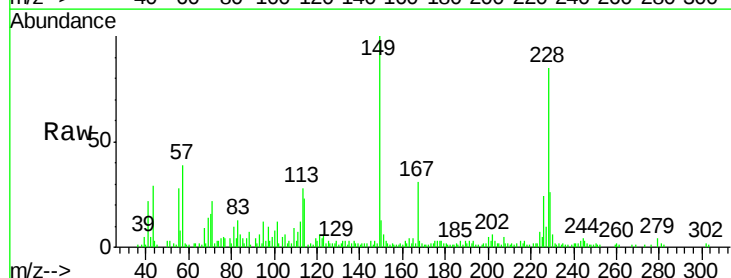
Tgt Ion:149 Resp: 31867

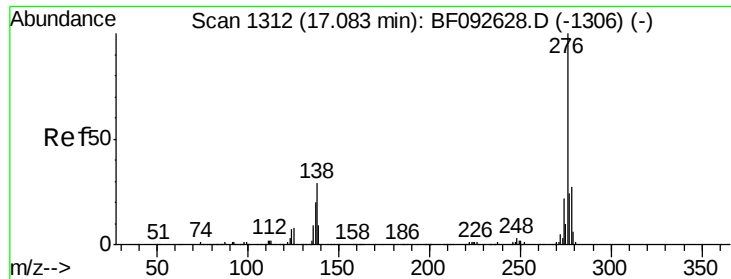
Ion Ratio Lower Upper

149 100

167 30.7 20.2 30.4#

279 4.1 1.8 2.8#

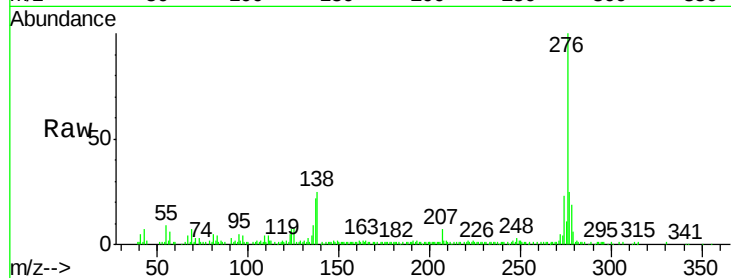




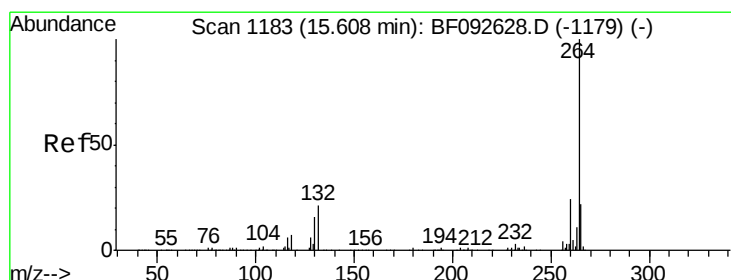
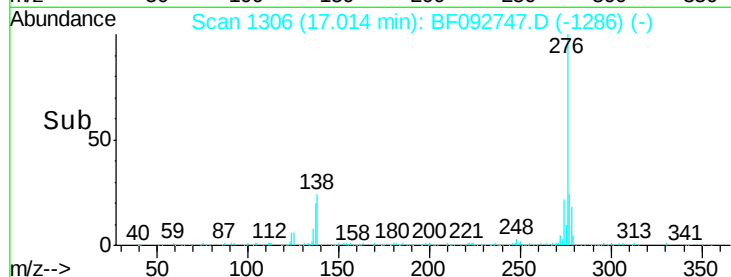
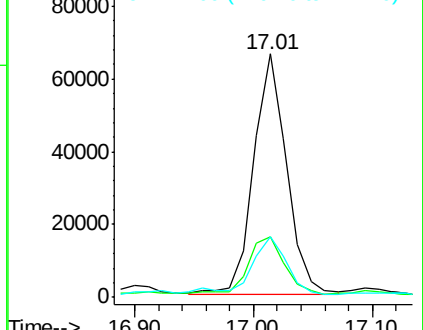
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 9.58 ng  
RT: 17.01 min Scan# 1306  
Delta R.T. -0.07 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-02B-0-2FT

Tgt Ion: 276 Resp: 128333  
Ion Ratio Lower Upper  
276 100  
138 26.7 21.8 32.6  
277 26.6 20.2 30.4

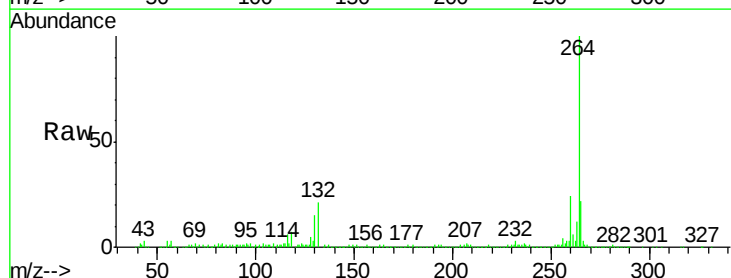


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

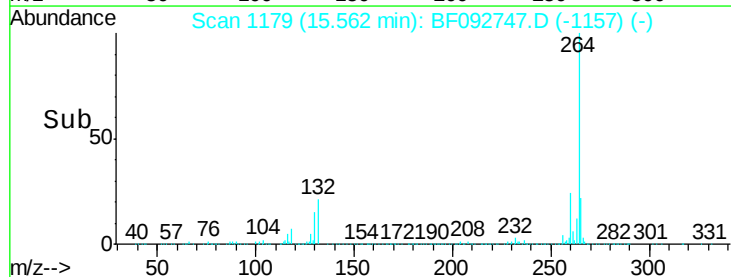
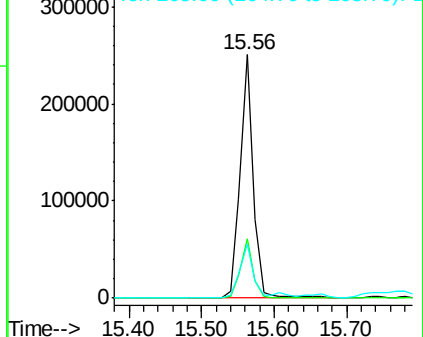


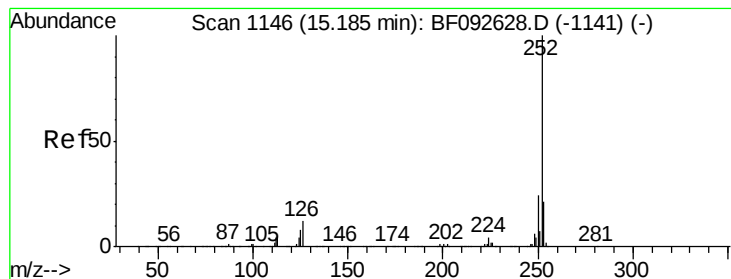
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.56 min Scan# 1179  
Delta R.T. -0.05 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Tgt Ion: 264 Resp: 316506  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.2 28.8  
265 22.3 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 14.77 ng

RT: 15.14 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF092747.D

Acq: 2 Feb 2017 20:48

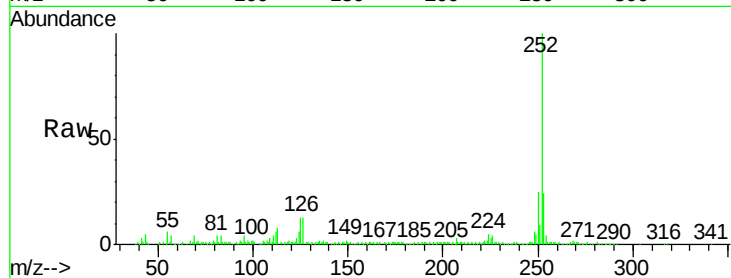
Instrument :

BNA\_F

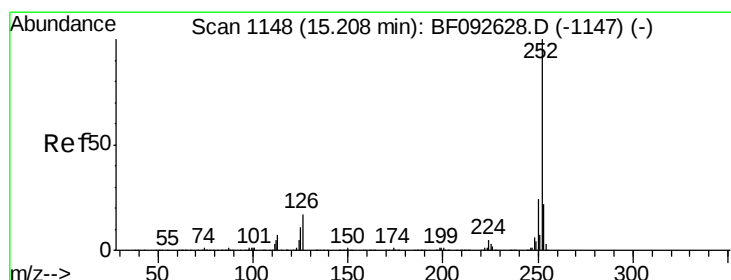
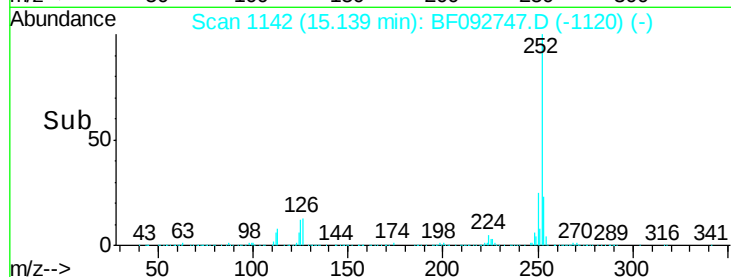
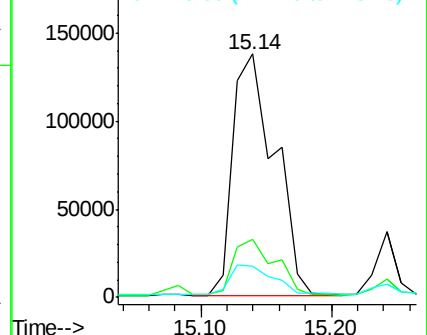
ClientSampleId :

SP-COMP-02B-0-2FT

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 307779 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 24.0  | 18.2  | 27.4   |
| 125      | 12.6  | 9.8   | 14.6   |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 17.11 ng

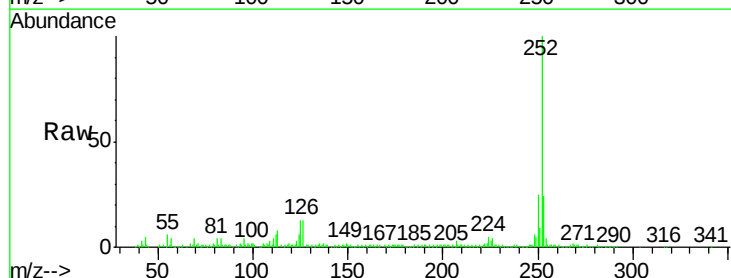
RT: 15.14 min Scan# 1142

Delta R.T. -0.07 min

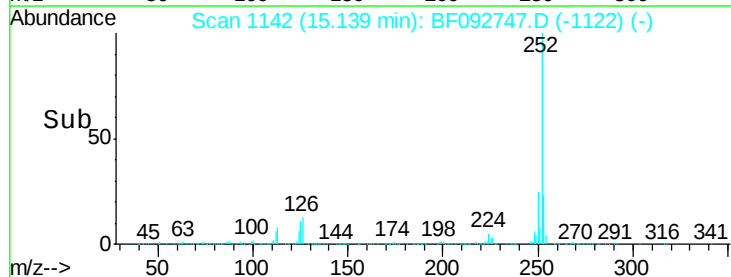
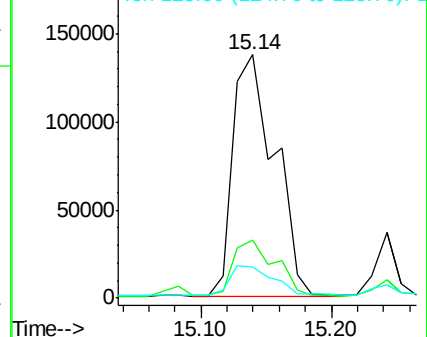
Lab File: BF092747.D

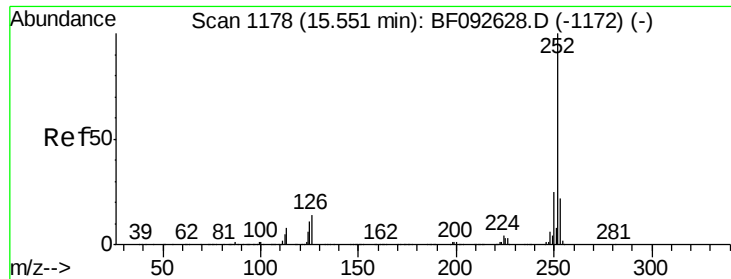
Acq: 2 Feb 2017 20:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 307779 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 24.0  | 18.5  | 27.7   |
| 125      | 12.6  | 8.9   | 13.3   |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

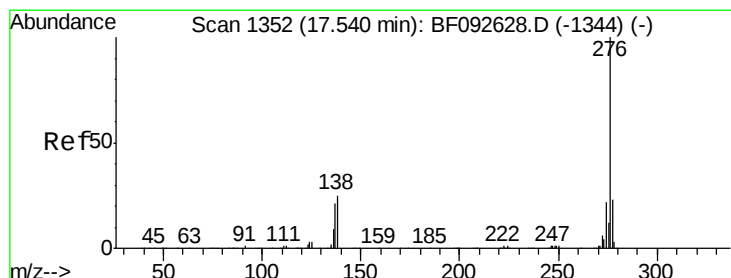
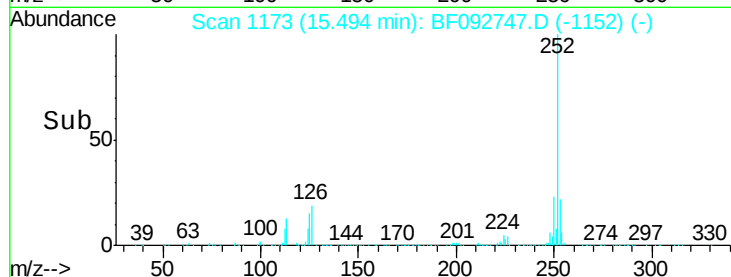
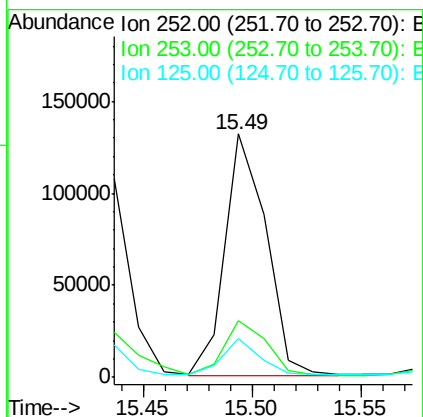
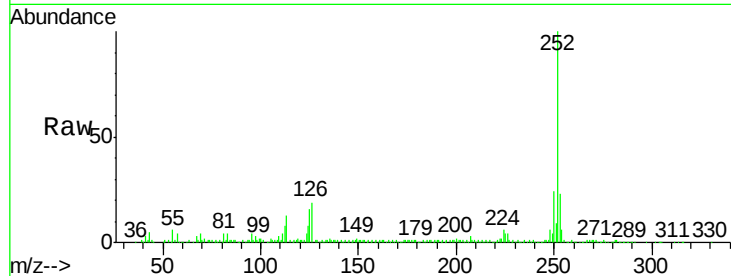




#89  
Benzo(a)pyrene  
Concen: 9.52 ng  
RT: 15.49 min Scan# 1173  
Delta R.T. -0.06 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Instrument :  
BNA\_F  
ClientSampleId :  
SP-COMP-02B-0-2FT

Tgt Ion: 252 Resp: 171634  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.2 27.2  
125 15.8 10.0 15.0#



#91  
Benzo(g,h,i)perylene  
Concen: 8.28 ng  
RT: 17.46 min Scan# 1345  
Delta R.T. -0.08 min  
Lab File: BF092747.D  
Acq: 2 Feb 2017 20:48

Tgt Ion: 276 Resp: 121821  
Ion Ratio Lower Upper  
276 100  
277 24.7 19.2 28.8  
138 23.8 16.0 24.0

