

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022417\  
 Data File : BE092755.D  
 Acq On : 24 Feb 2017 11:53  
 Operator : SJ/MA  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Feb 24 15:34:58 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 15 17:05:20 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 10732    | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.88 | 136  | 47900    | 5.00 | ng    | -0.02    |
| 12) Acenaphthene-d10      | 14.75 | 164  | 33288    | 5.00 | ng    | -0.02    |
| 18) Phenanthrene-d10      | 17.51 | 188  | 74785    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.68 | 240  | 103496   | 5.00 | ng    | -0.02    |
| 31) Perylene-d12          | 24.01 | 264  | 92307    | 5.00 | ng    | -0.02    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.60  | 112 | 1127  | 0.54 | ng | -0.03 |
| 5) Phenol-d6                | 7.27  | 99  | 1480  | 0.58 | ng | -0.05 |
| 8) Nitrobenzene-d5          | 9.27  | 82  | 1231m | 0.45 | ng | -0.05 |
| 13) 2,4,6-Tribromophenol    | 16.25 | 330 | 487   | 0.69 | ng | -0.03 |
| 14) 2-Fluorobiphenyl        | 13.38 | 172 | 3159  | 0.39 | ng | -0.02 |
| 26) Terphenyl-d14           | 20.12 | 244 | 5393  | 0.41 | ng | -0.02 |

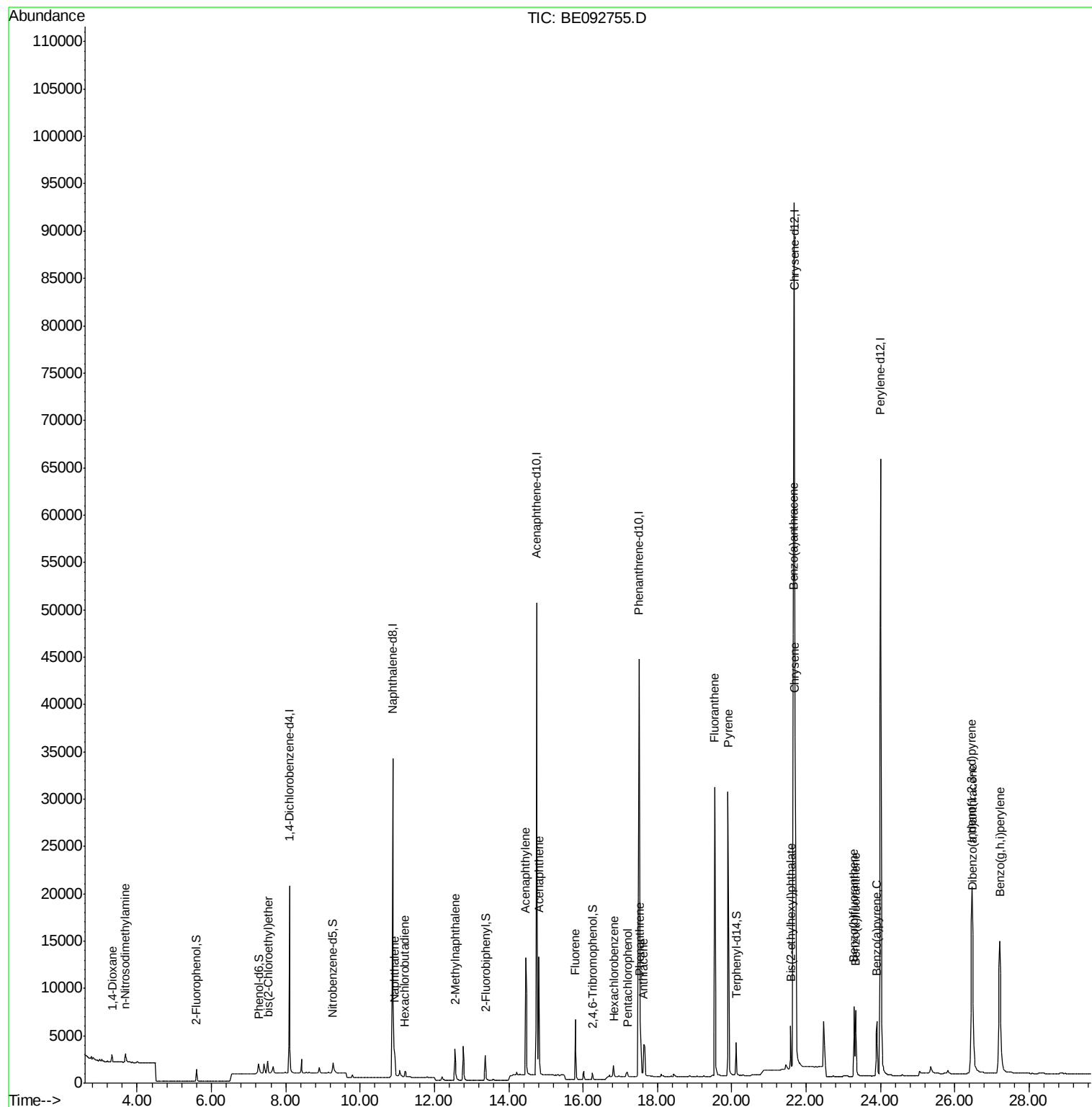
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.33  | 88  | 606    | 0.41   | ng | # 94 |
| 3) n-Nitrosodimethylamine      | 3.69  | 42  | 790    | 0.59   | ng | 98   |
| 6) bis(2-Chloroethyl)ether     | 7.52  | 93  | 1338   | 0.47   | ng | 86   |
| 9) Naphthalene                 | 10.91 | 128 | 4915   | 0.47   | ng | 96   |
| 10) Hexachlorobutadiene        | 11.20 | 225 | 597    | 0.39   | ng | 99   |
| 11) 2-Methylnaphthalene        | 12.55 | 142 | 2819   | 0.43   | ng | 95   |
| 15) Acenaphthylene             | 14.46 | 152 | 20614  | 0.41   | ng | 100  |
| 16) Acenaphthene               | 14.81 | 154 | 2960   | 0.41   | ng | 87   |
| 17) Fluorene                   | 15.80 | 166 | 4240   | 0.45   | ng | 100  |
| 19) Hexachlorobenzene          | 16.82 | 284 | 1135   | 0.39   | ng | 97   |
| 20) Pentachlorophenol          | 17.19 | 266 | 697    | 1.05   | ng | 93   |
| 21) Phenanthrene               | 17.53 | 178 | 7334   | 0.41   | ng | 96   |
| 22) Anthracene                 | 17.63 | 178 | 6969m  | 0.43   | ng |      |
| 23) Fluoranthene               | 19.54 | 202 | 37994  | 0.50   | ng | 99   |
| 25) Pyrene                     | 19.90 | 202 | 40632  | 0.41   | ng | 100  |
| 27) Benzo(a)anthracene         | 21.66 | 228 | 45553m | 0.45   | ng |      |
| 28) Chrysene                   | 21.70 | 228 | 40000m | 0.34   | ng |      |
| 29) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 5728   | 0.47   | ng | # 69 |
| 30) Indeno(1,2,3-cd)pyrene     | 26.46 | 276 | 41596  | 0.36   | ng | 97   |
| 32) Benzo(b)fluoranthene       | 23.29 | 252 | 10110  | 0.45   | ng | 99   |
| 33) Benzo(k)fluoranthene       | 23.34 | 252 | 10059  | 0.39   | ng | 97   |
| 34) Benzo(a)pyrene             | 23.90 | 252 | 9315   | 0.39   | ng | 98   |
| 35) Dibenzo(a,h)anthracene     | 26.48 | 278 | 8759   | 0.38   | ng | 97   |
| 36) Benzo(g,h,i)perylene       | 27.21 | 276 | 36565  | 0.38   | ng | 99   |

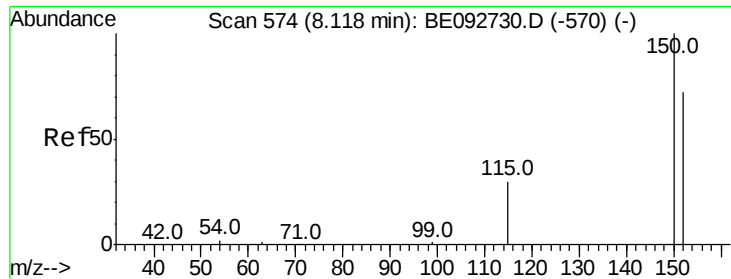
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

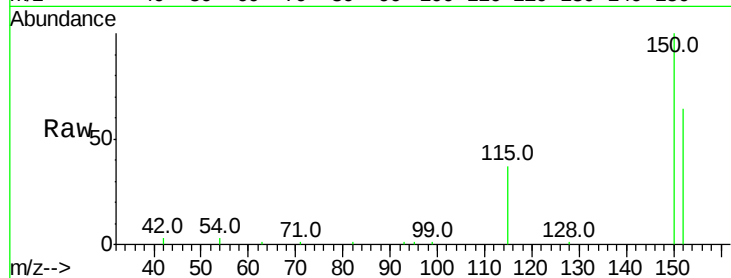
Tot Ion:152 Resp: 10732

Ion Ratio Lower Upper

152 100

150 156.8 106.0 159.0

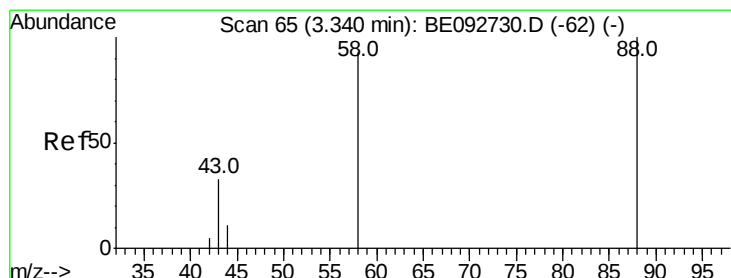
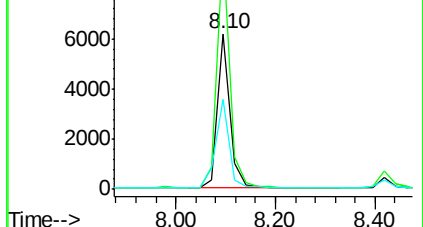
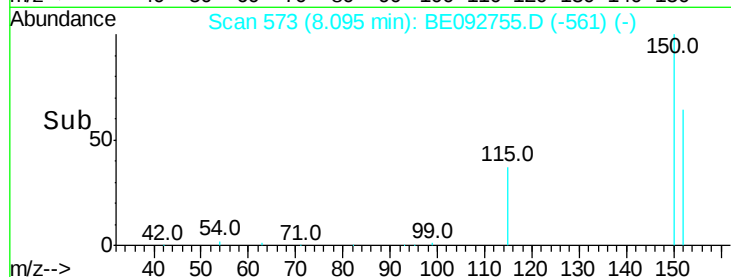
115 58.3 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.41 ng

RT: 3.33 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

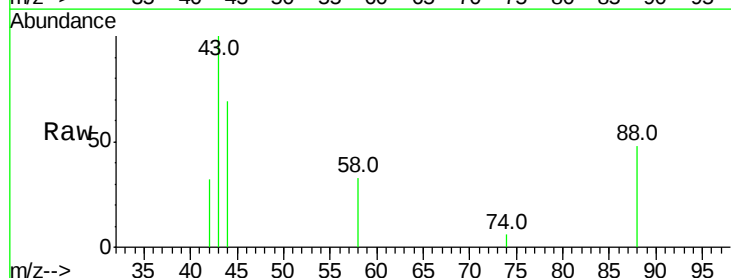
Tgt Ion: 88 Resp: 606

Ion Ratio Lower Upper

88 100

58 77.4 63.6 95.4

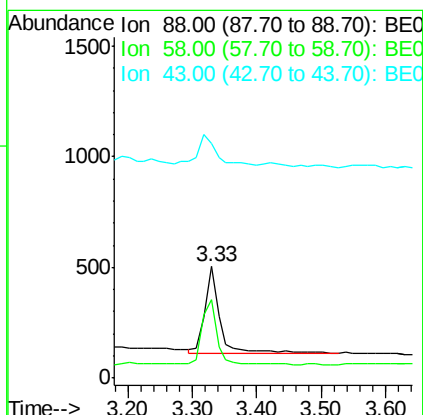
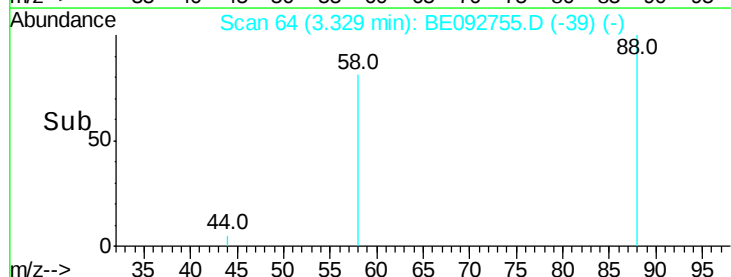
43 42.9 28.0 42.0#

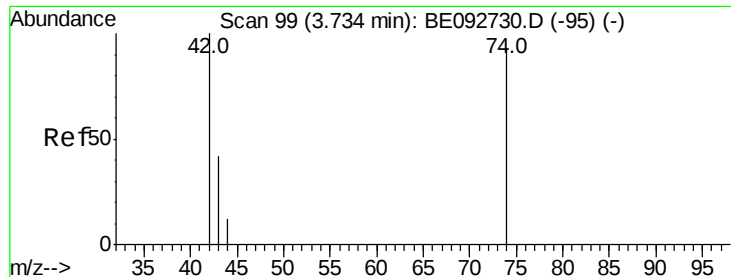


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



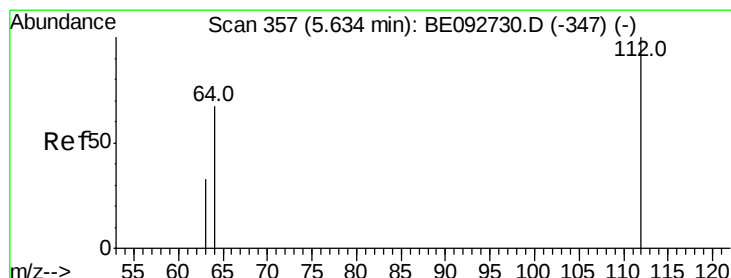
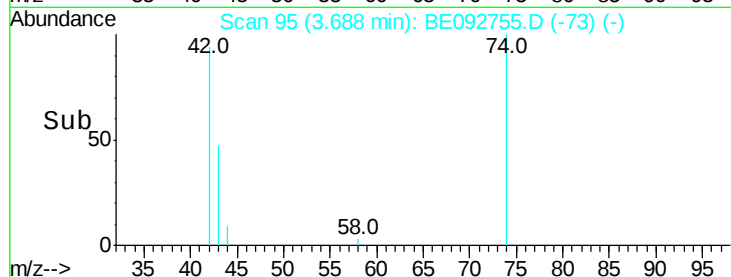
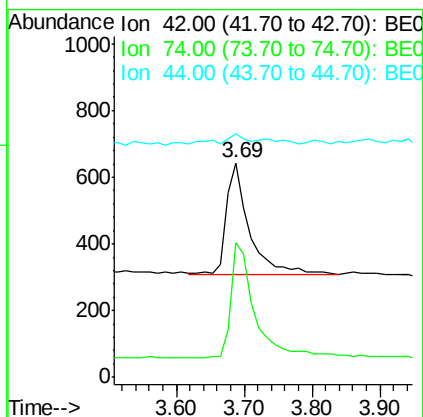
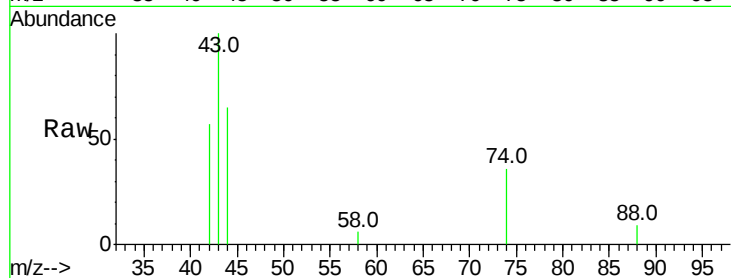


#3

n-Nitrosodimethylamine  
Concen: 0.59 ng  
RT: 3.69 min Scan# 95  
Delta R.T. -0.05 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

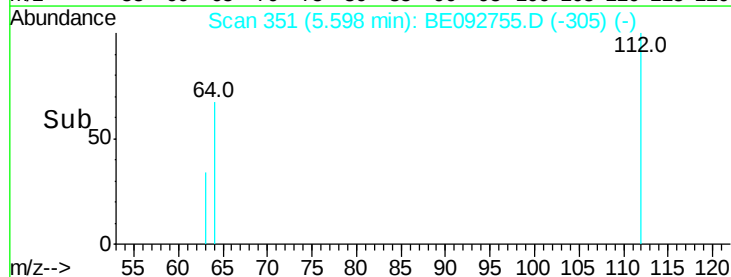
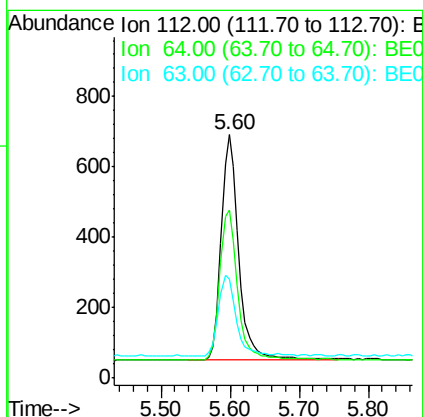
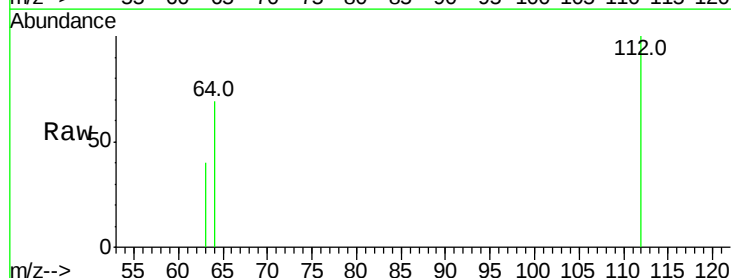
Tot Ion: 42 Resp: 790  
Ion Ratio Lower Upper  
42 100  
74 109.9 86.0 129.0  
44 5.9 5.1 7.7

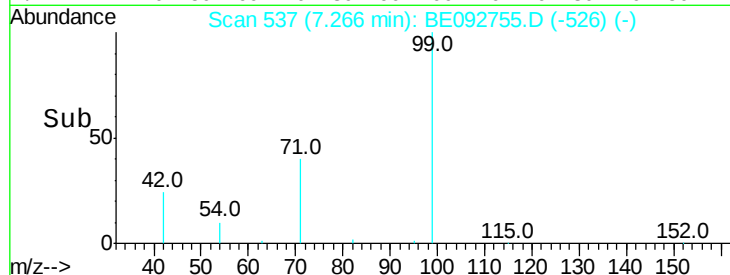
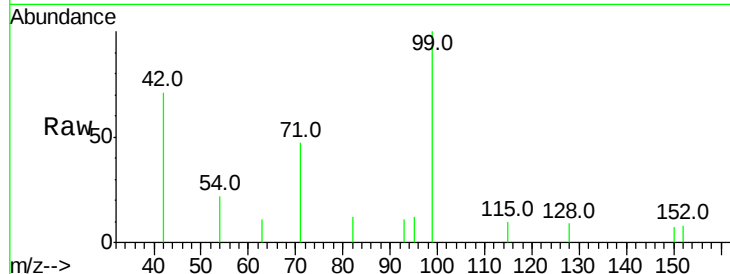
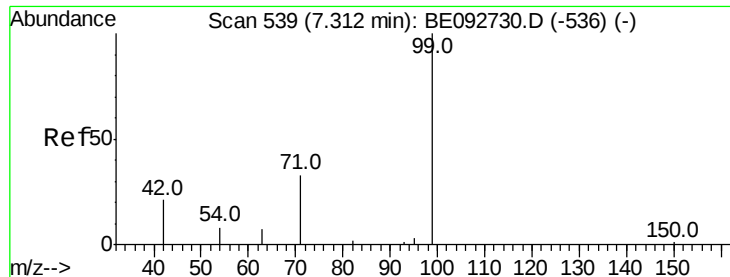


#4

2-Fluorophenol  
Concen: 0.54 ng  
RT: 5.60 min Scan# 351  
Delta R.T. -0.03 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

Tgt Ion: 112 Resp: 1127  
Ion Ratio Lower Upper  
112 100  
64 67.8 53.5 80.3  
63 36.0 27.9 41.9





#5

Phenol-d6

Concen: 0.58 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

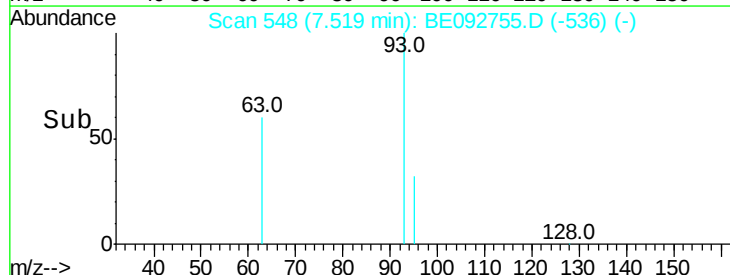
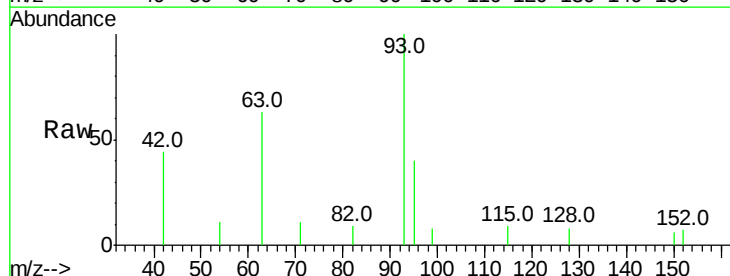
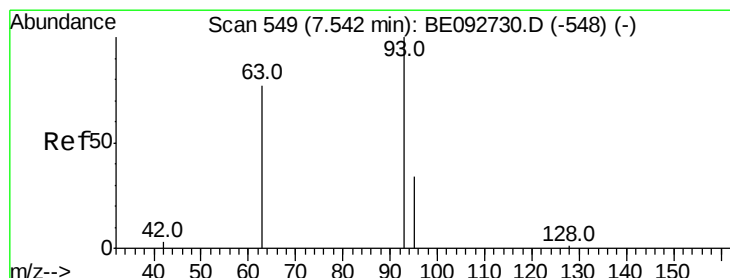
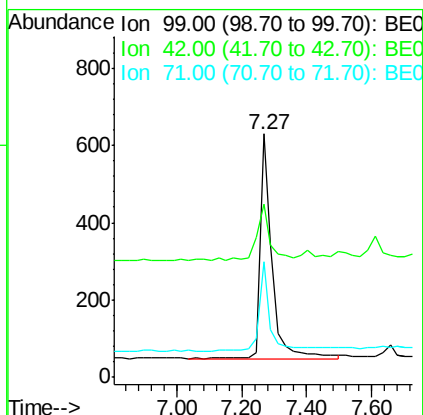
Tot Ion: 99 Resp: 1480

Ion Ratio Lower Upper

99 100

42 26.4 16.0 24.0#

71 36.4 30.6 45.8



#6

bis(2-Chloroethyl)ether

Concen: 0.47 ng

RT: 7.52 min Scan# 548

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

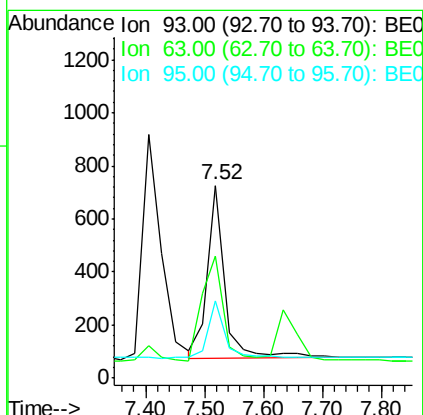
Tgt Ion: 93 Resp: 1338

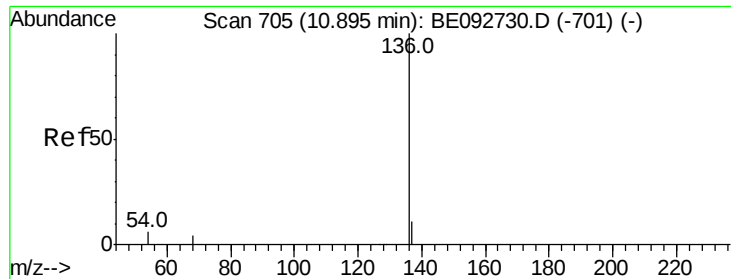
Ion Ratio Lower Upper

93 100

63 73.6 71.6 107.4

95 33.0 24.0 36.0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 47900

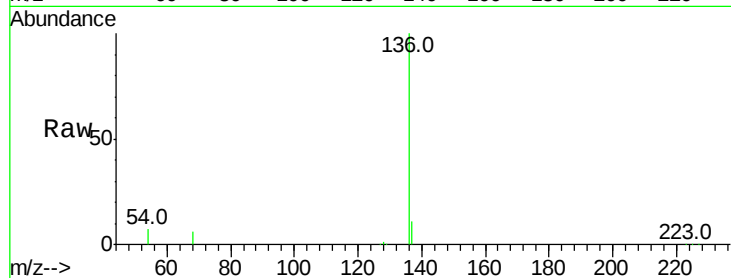
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 7.3 9.6 14.4#

68 5.7 6.7 10.1#

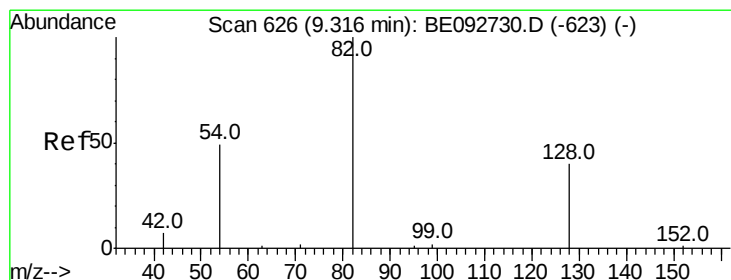
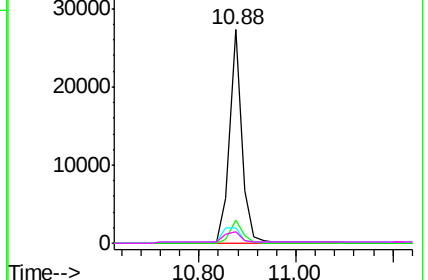
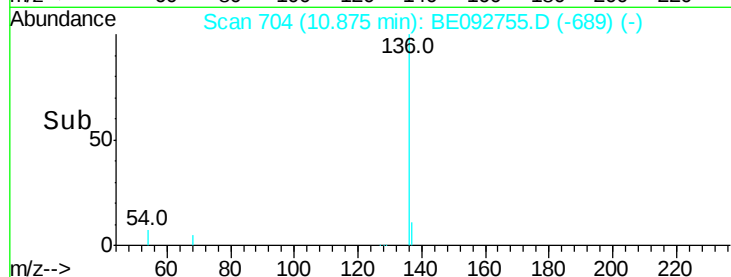


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.45 ng m

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

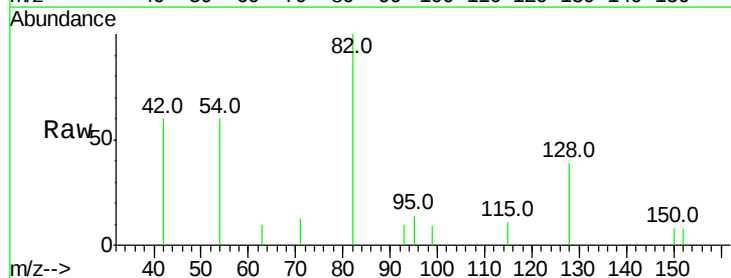
Tgt Ion: 82 Resp: 1231

Ion Ratio Lower Upper

82 100

128 38.9 39.0 58.4#

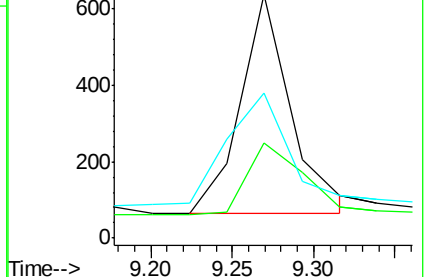
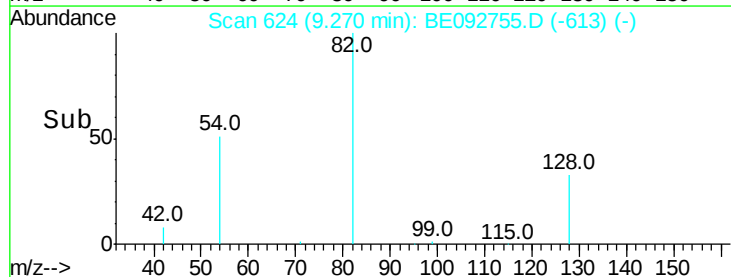
54 59.7 44.8 67.2

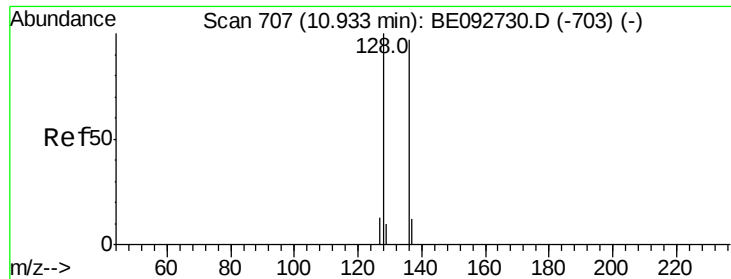


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.47 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

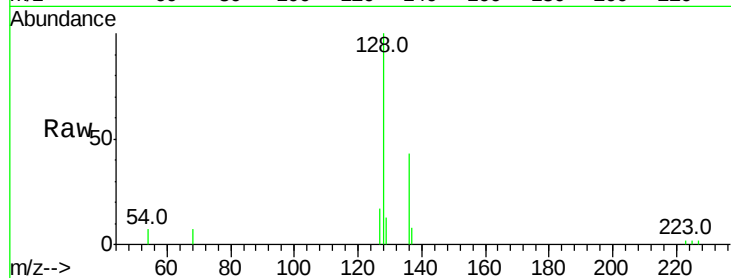
Tot Ion:128 Resp: 4915

Ion Ratio Lower Upper

128 100

129 12.8 11.2 16.8

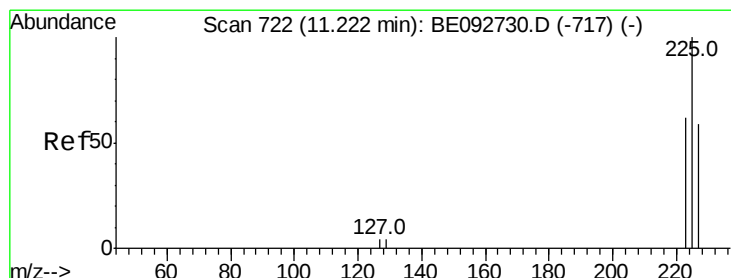
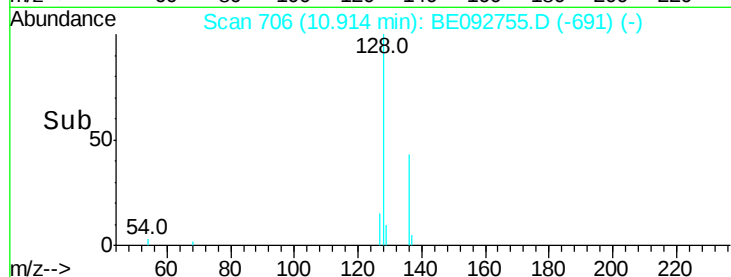
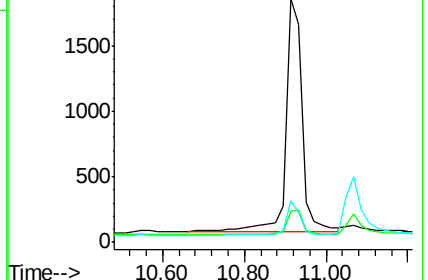
127 16.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.39 ng

RT: 11.20 min Scan# 721

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

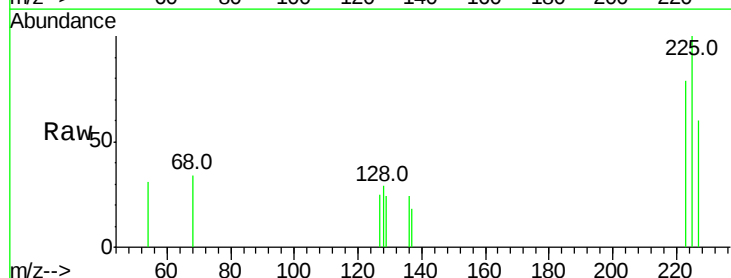
Tgt Ion:225 Resp: 597

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

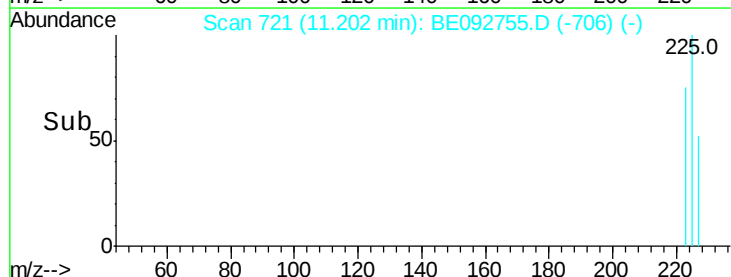
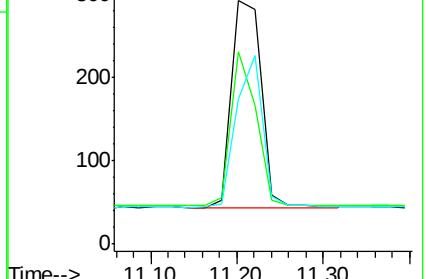
227 65.3 51.4 77.0

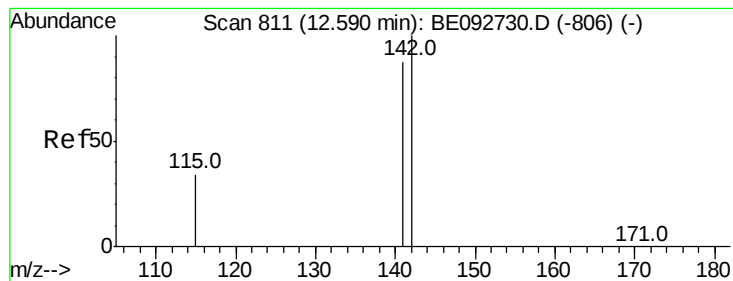


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.43 ng

RT: 12.55 min Scan# 808

Delta R.T. -0.03 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

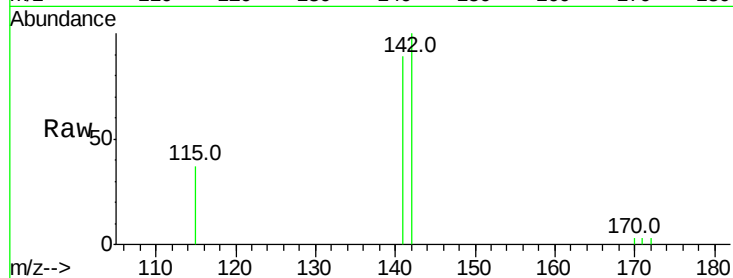
Tot Ion:142 Resp: 2819

Ion Ratio Lower Upper

142 100

141 88.6 73.7 110.5

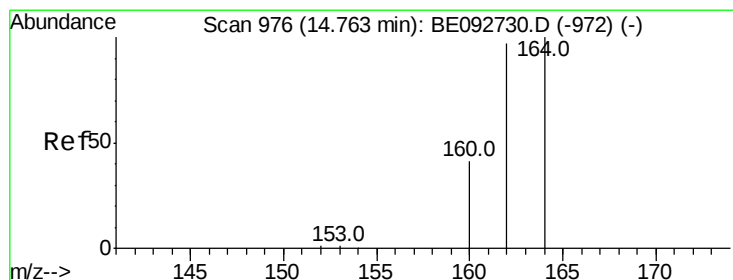
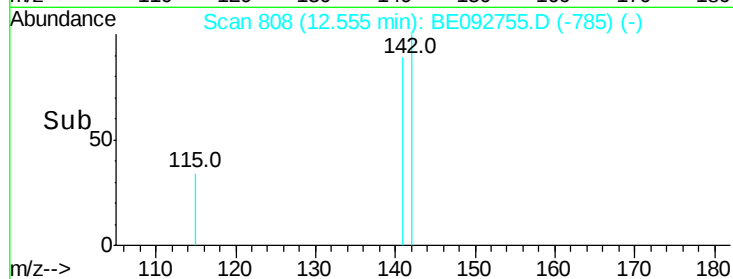
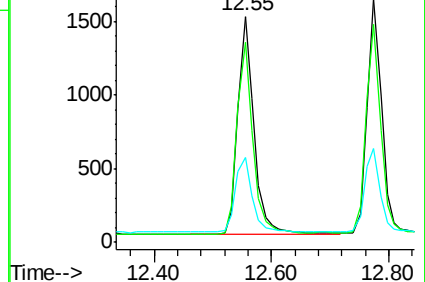
115 37.5 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.75 min Scan# 975

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

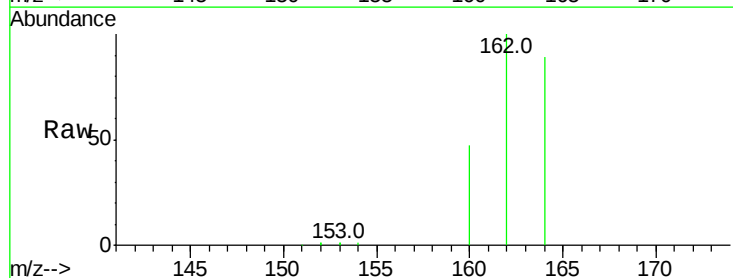
Tgt Ion:164 Resp: 33288

Ion Ratio Lower Upper

164 100

162 112.1 71.4 107.0#

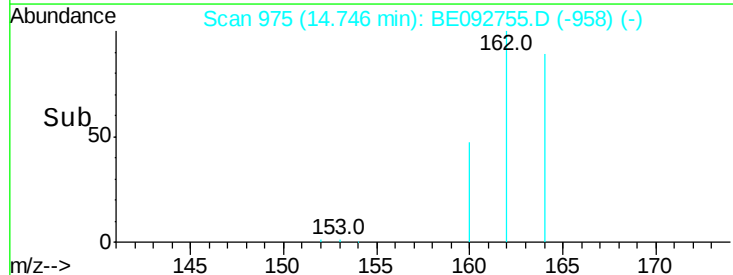
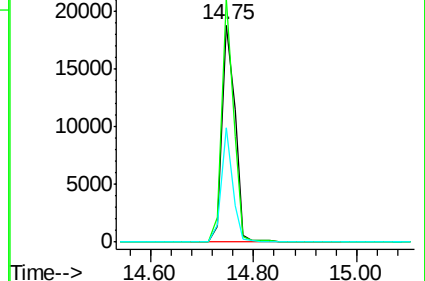
160 52.8 27.4 41.2#

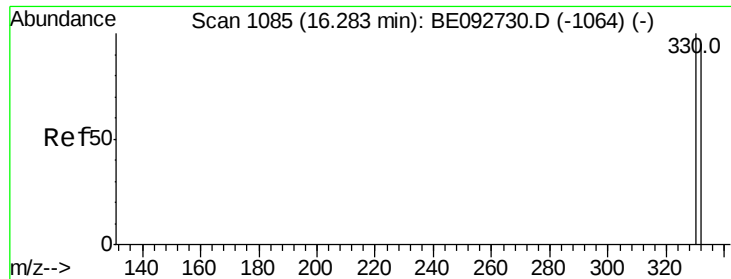


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

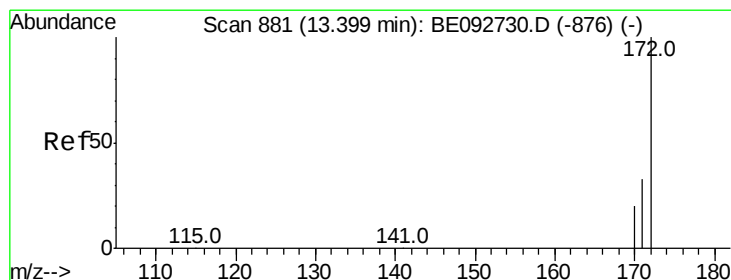
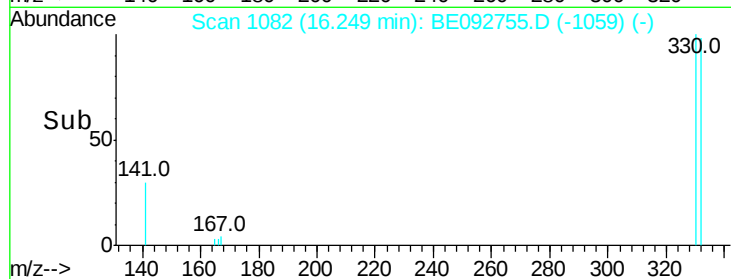
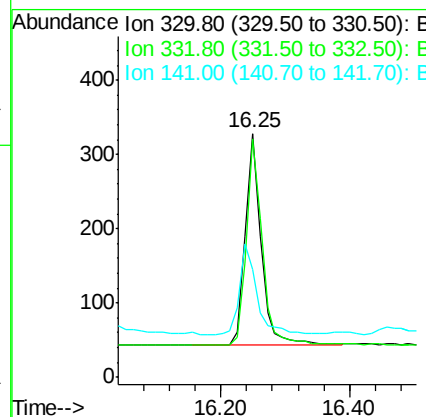
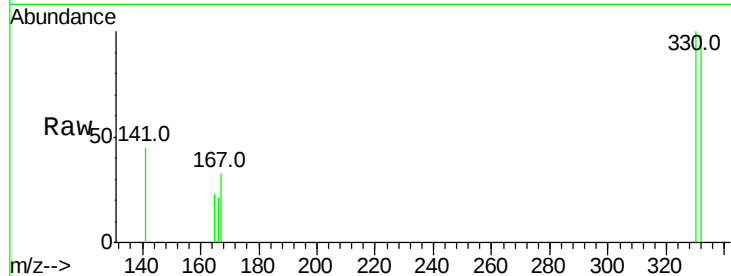




#13  
 2,4,6-Tribromophenol  
 Concen: 0.69 ng  
 RT: 16.25 min Scan# 1082  
 Delta R.T. -0.03 min  
 Lab File: BE092755.D  
 Acq: 24 Feb 2017 11:53

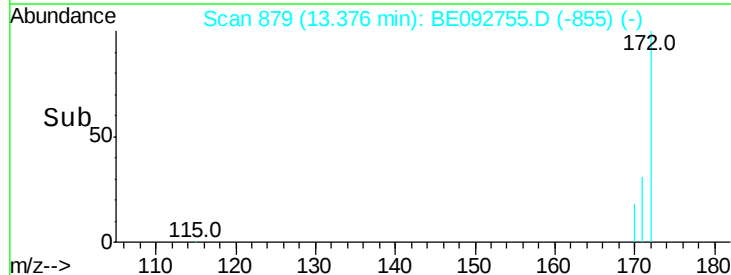
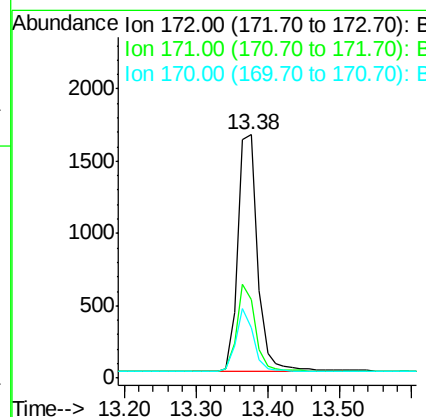
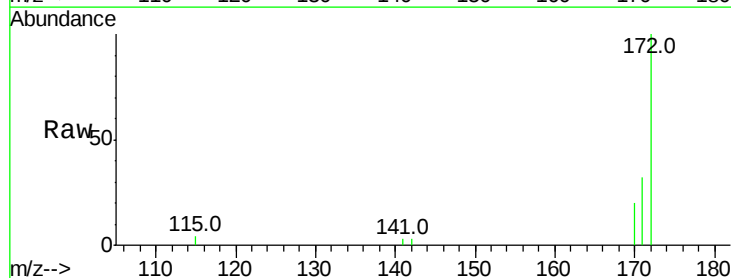
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

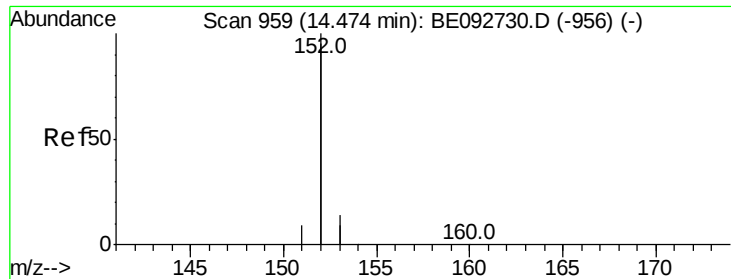
Tot Ion:330 Resp: 487  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 75.4 113.0  
 141 45.0 31.0 46.6



#14  
 2-Fluorobiphenyl  
 Concen: 0.39 ng  
 RT: 13.38 min Scan# 879  
 Delta R.T. -0.02 min  
 Lab File: BE092755.D  
 Acq: 24 Feb 2017 11:53

Tgt Ion:172 Resp: 3159  
 Ion Ratio Lower Upper  
 172 100  
 171 32.4 30.1 45.1  
 170 20.4 21.8 32.6#





#15

Acenaphthylene

Concen: 0.41 ng

RT: 14.46 min Scan# 958

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

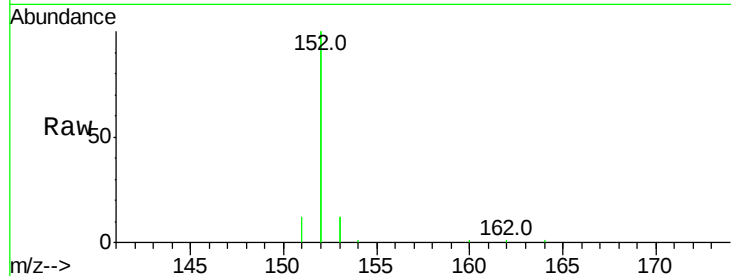
Tot Ion:152 Resp: 20614

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

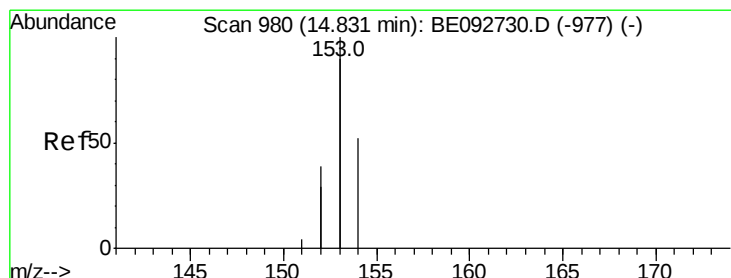
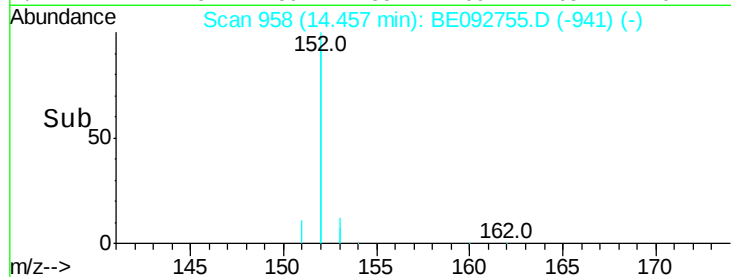
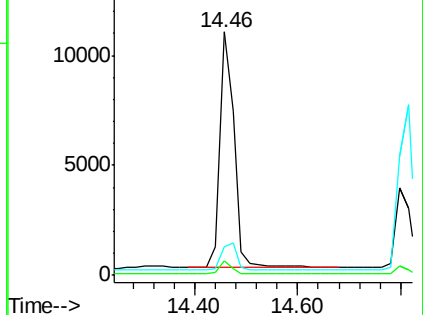
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.41 ng

RT: 14.81 min Scan# 979

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

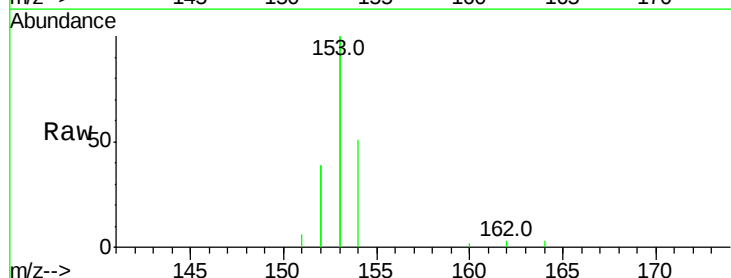
Tgt Ion:154 Resp: 2960

Ion Ratio Lower Upper

154 100

153 472.3 350.8 526.2

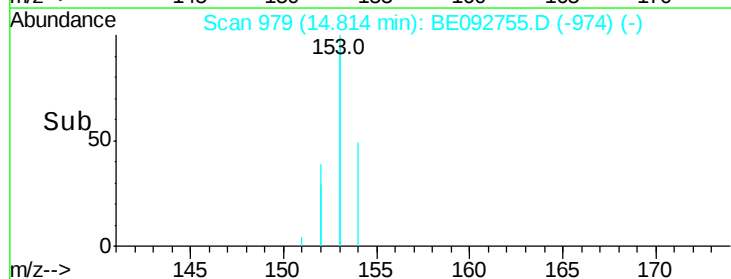
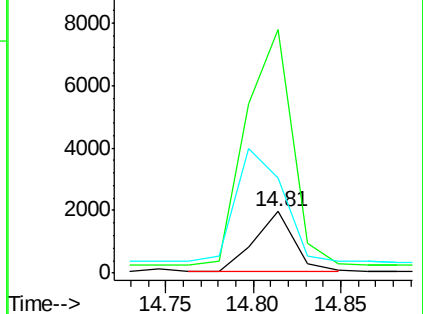
152 230.9 171.1 256.7

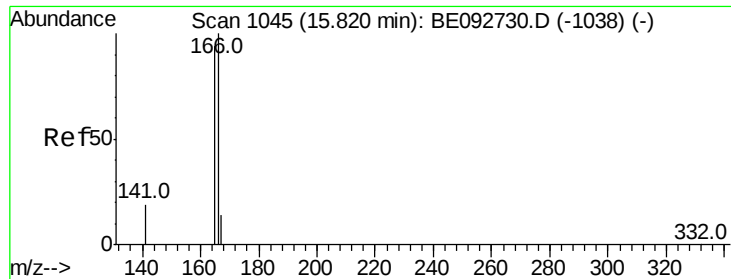


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

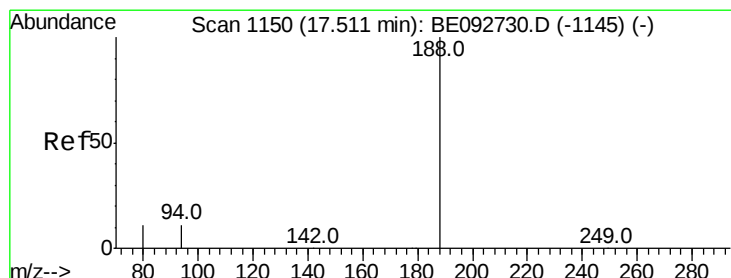
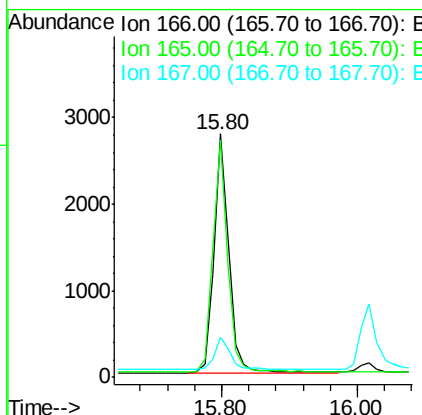
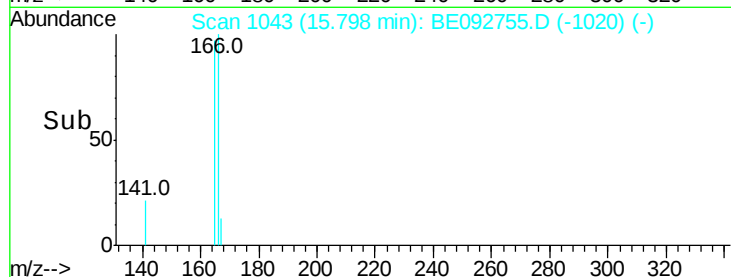
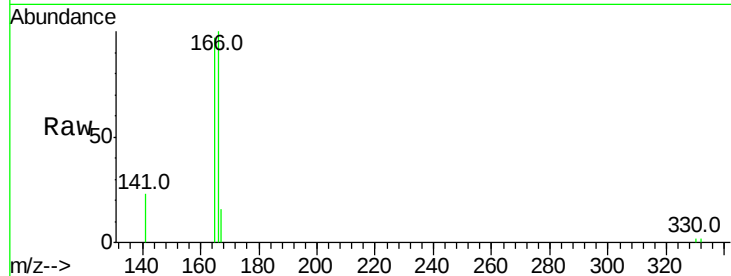




#17  
**Fluorene**  
 Concen: 0.45 ng  
 RT: 15.80 min Scan# 1043  
 Delta R.T. -0.02 min  
 Lab File: BE092755.D  
 Acq: 24 Feb 2017 11:53

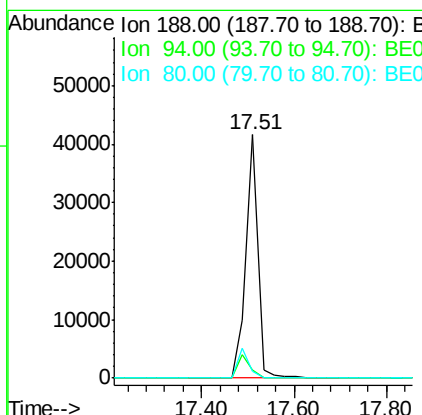
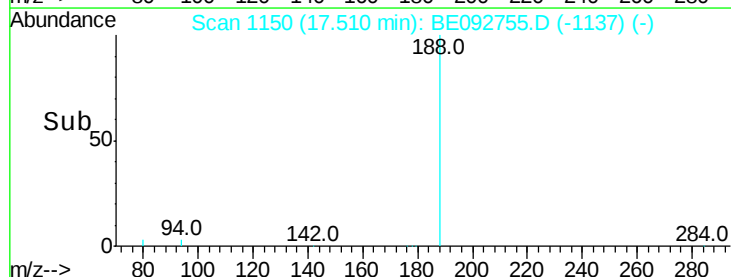
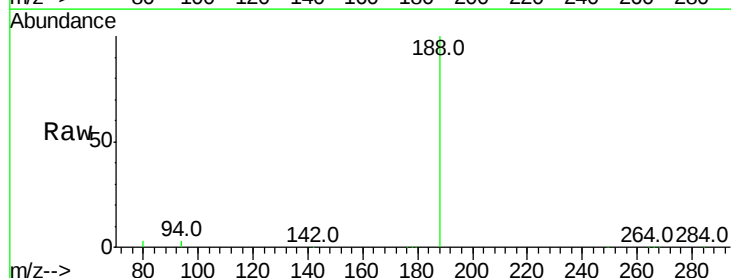
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

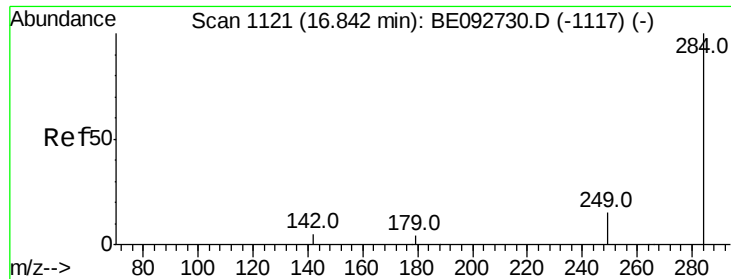
Tot Ion:166 Resp: 4240  
 Ion Ratio Lower Upper  
 166 100  
 165 97.7 78.2 117.4  
 167 13.5 11.0 16.4



#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.51 min Scan# 1150  
 Delta R.T. -0.00 min  
 Lab File: BE092755.D  
 Acq: 24 Feb 2017 11:53

Tgt Ion:188 Resp: 74785  
 Ion Ratio Lower Upper  
 188 100  
 94 3.4 3.2 4.8  
 80 2.8 2.6 3.8

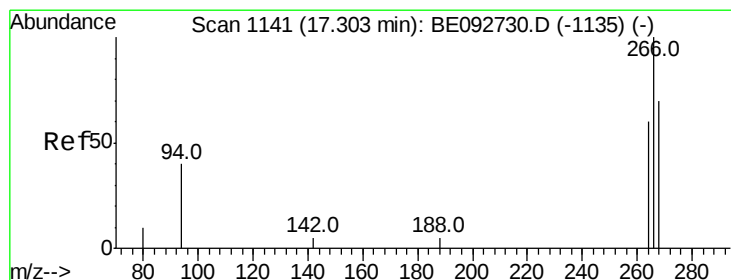
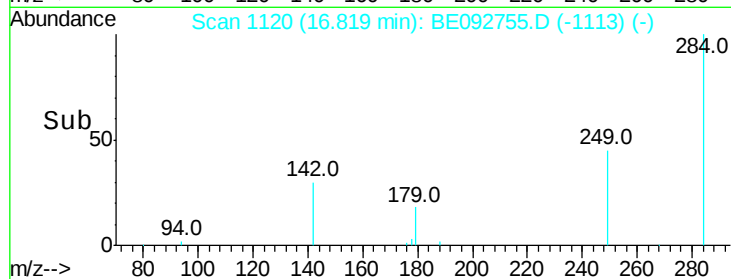
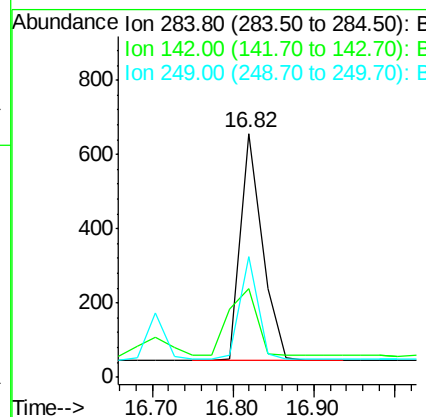
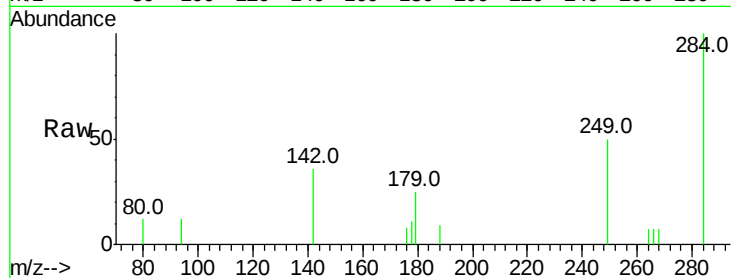




#19  
Hexachlorobenzene  
Concen: 0.39 ng  
RT: 16.82 min Scan# 1120  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

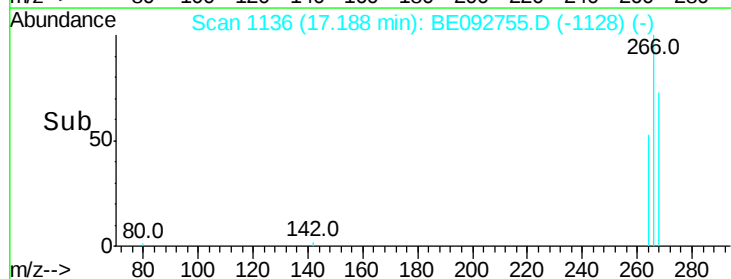
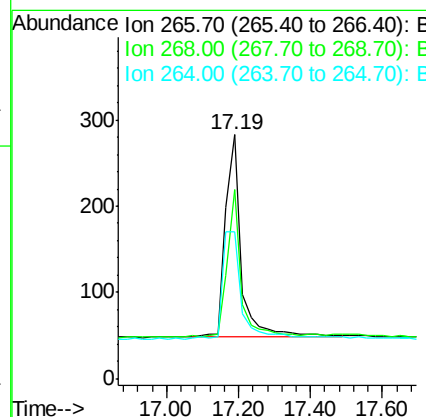
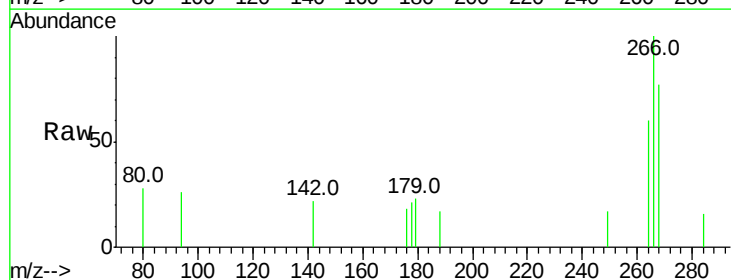
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

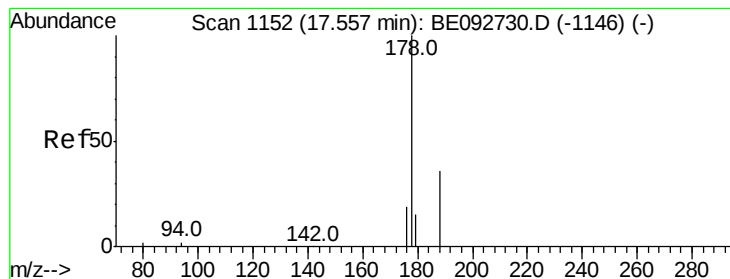
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 38.0  | 29.1  | 43.7  |
| 249     | 37.2  | 27.9  | 41.9  |



#20  
Pentachlorophenol  
Concen: 1.05 ng  
RT: 17.19 min Scan# 1136  
Delta R.T. -0.12 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 77.4  | 62.5  | 93.7  |
| 264     | 60.4  | 57.2  | 85.8  |





#21

Phenanthrene

Concen: 0.41 ng

RT: 17.53 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

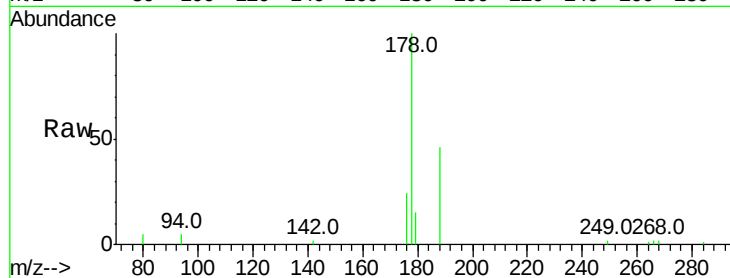
Tot Ion:178 Resp: 7334

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

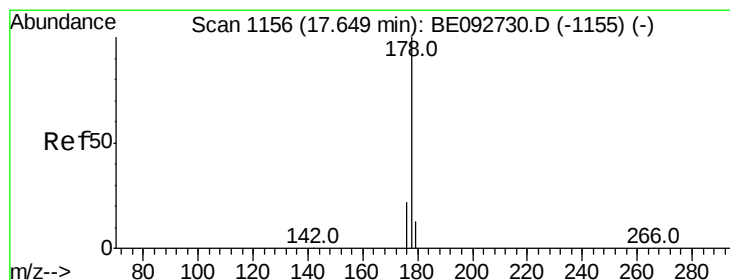
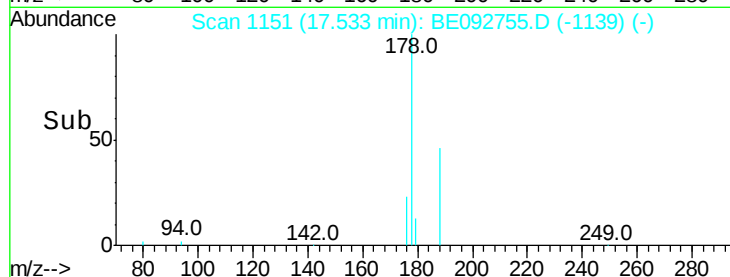
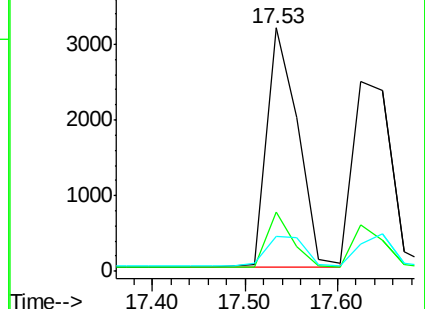
179 16.0 16.0 24.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.43 ng m

RT: 17.63 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

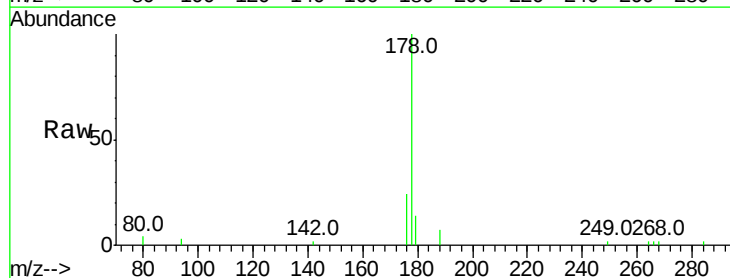
Tgt Ion:178 Resp: 6969

Ion Ratio Lower Upper

178 100

176 20.9 15.0 22.4

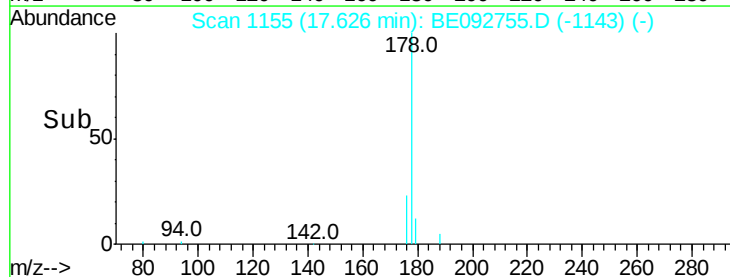
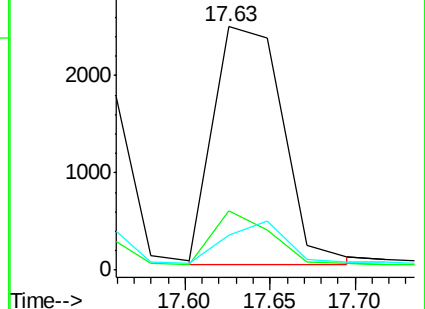
179 16.9 12.2 18.2

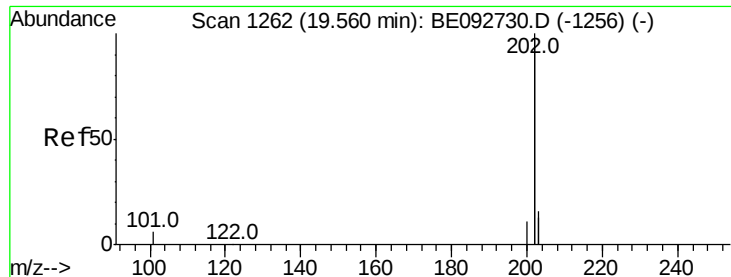


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.50 ng

RT: 19.54 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

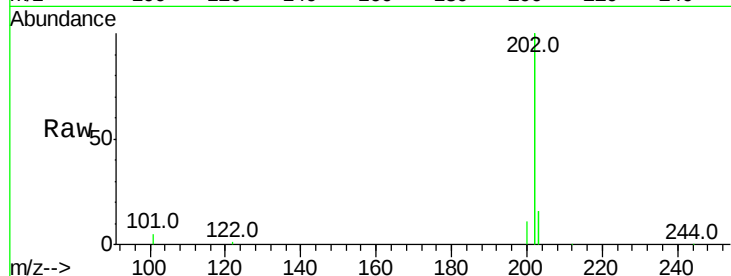
Tot Ion:202 Resp: 37994

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

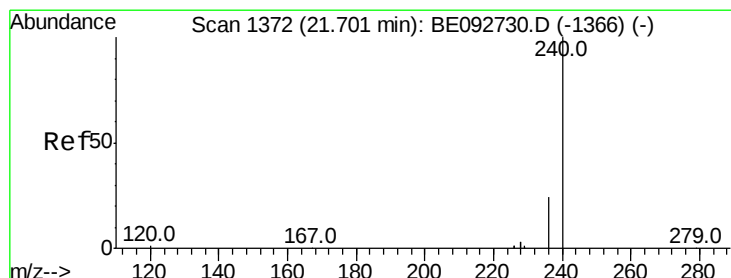
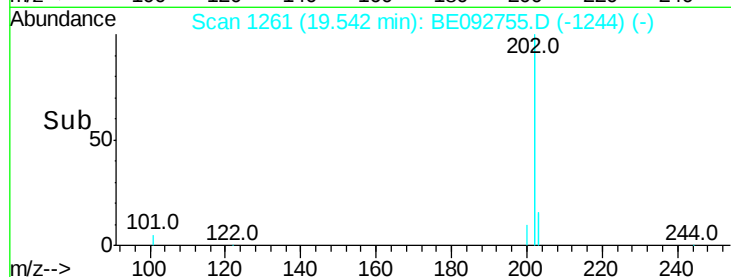
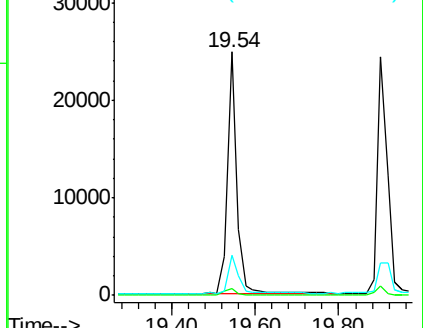
203 17.6 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.68 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

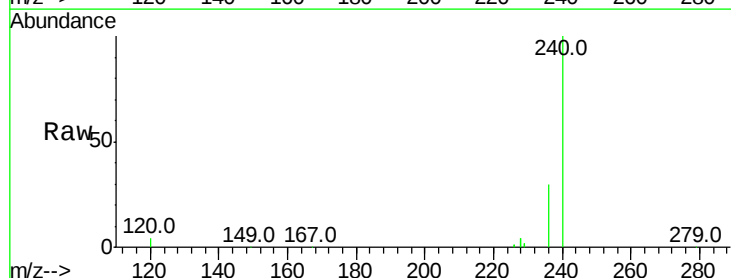
Tgt Ion:240 Resp: 103496

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

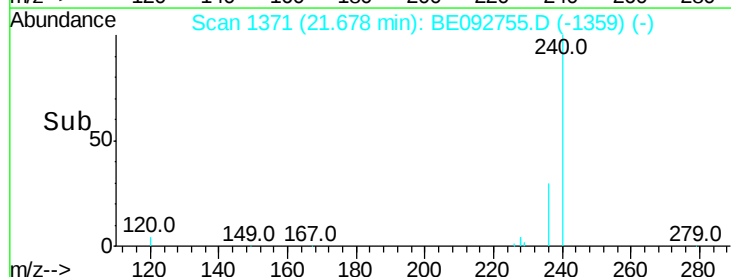
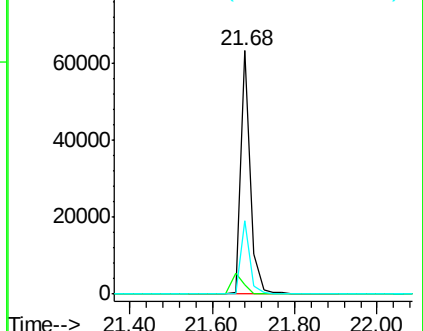
236 30.0 24.6 37.0

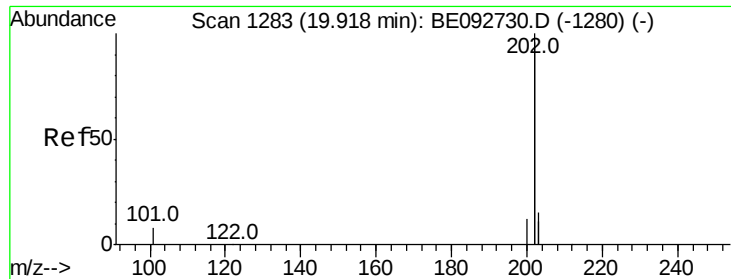


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

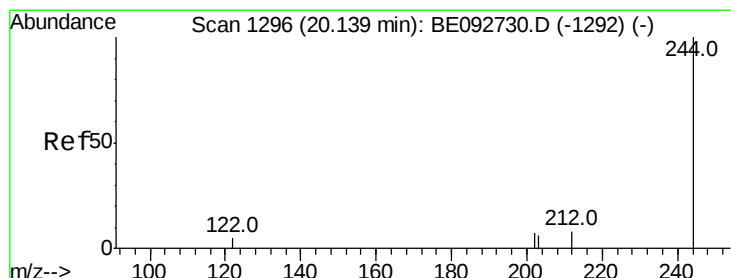
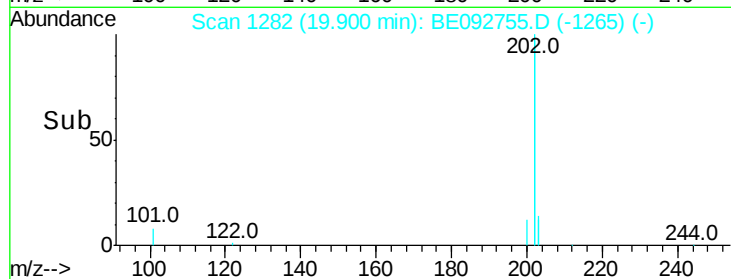
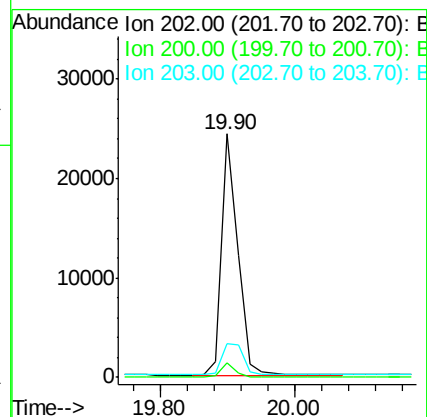
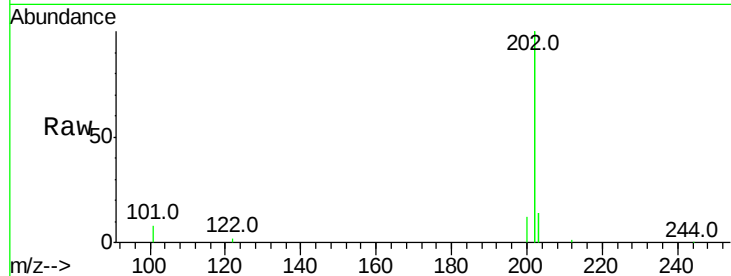




#25  
Pvrene  
Concen: 0.41 ng  
RT: 19.90 min Scan# 1282  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

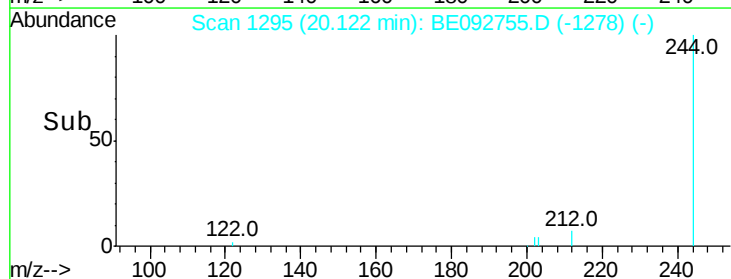
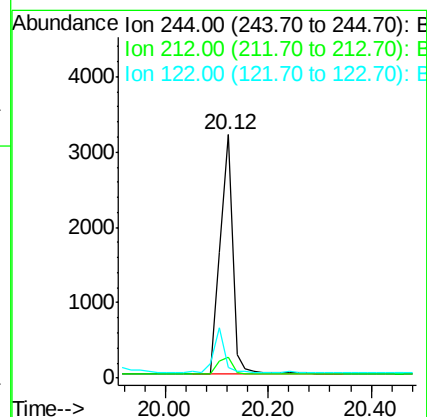
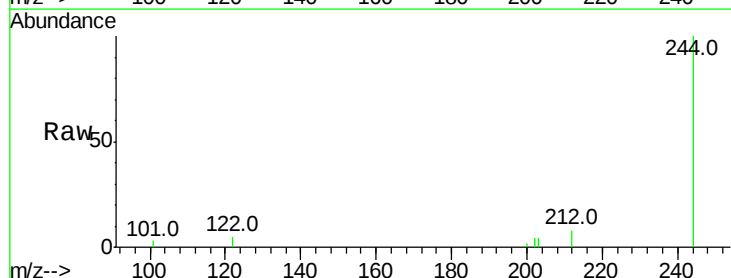
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

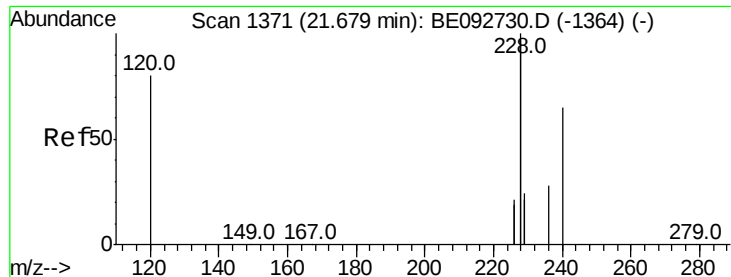
Tot Ion:202 Resp: 40632  
Ion Ratio Lower Upper  
202 100  
200 5.4 4.2 6.4  
203 17.4 13.9 20.9



#26  
Terphenyl-d14  
Concen: 0.41 ng  
RT: 20.12 min Scan# 1295  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

Tgt Ion:244 Resp: 5393  
Ion Ratio Lower Upper  
244 100  
212 8.4 6.7 10.1  
122 4.5 3.6 5.4

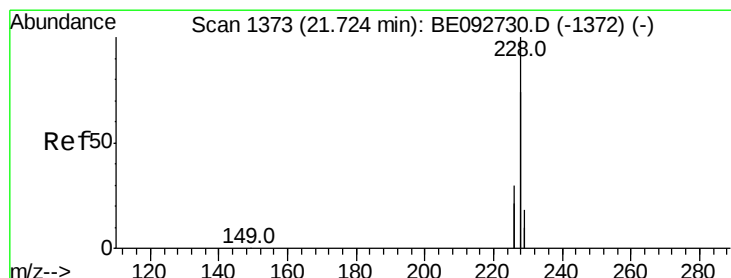
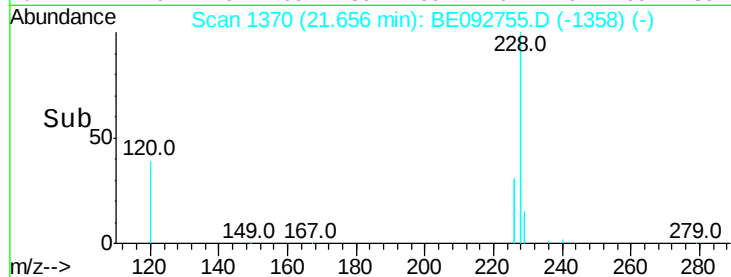
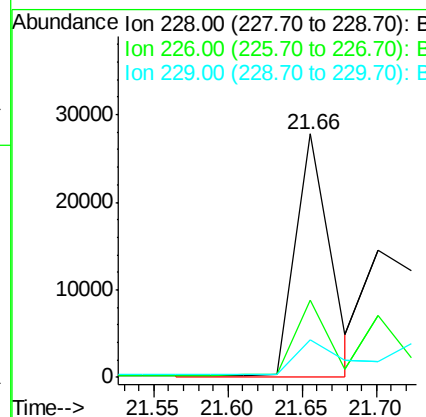
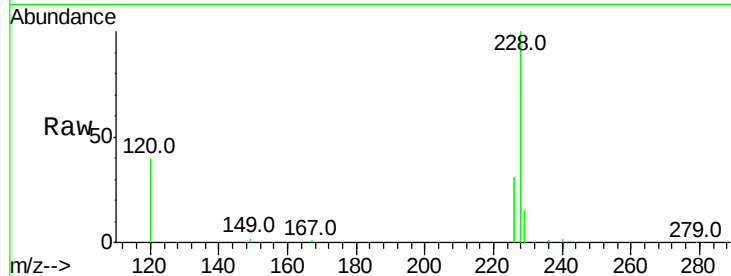




#27  
Benzo(a)anthracene  
Concen: 0.45 ng m  
RT: 21.66 min Scan# 1370  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

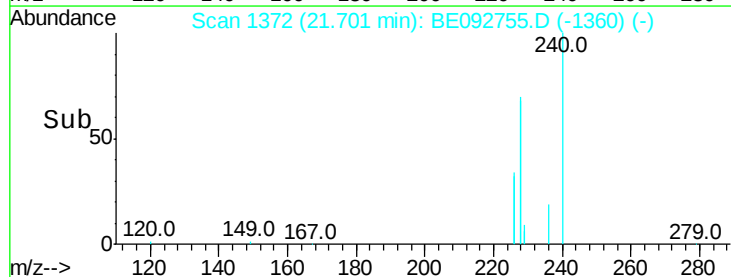
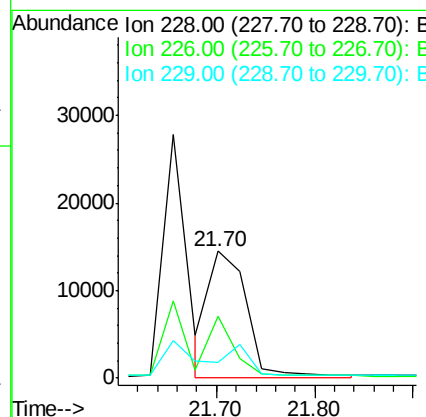
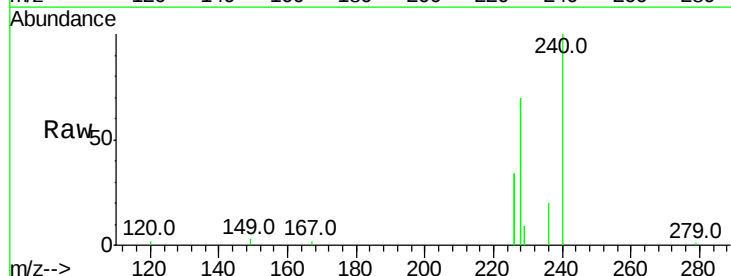
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

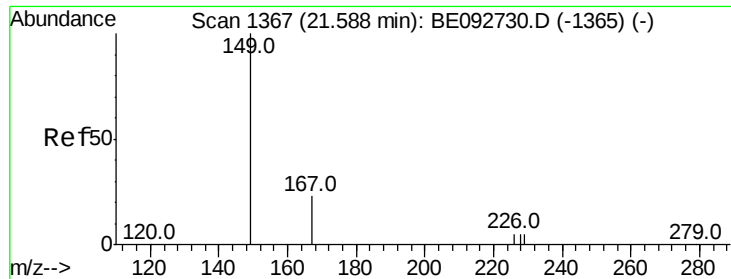
Tot Ion:228 Resp: 45553  
Ion Ratio Lower Upper  
228 100  
226 31.5 23.6 35.4  
229 15.3 13.3 19.9



#28  
Chrysene  
Concen: 0.34 ng m  
RT: 21.70 min Scan# 1372  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

Tgt Ion:228 Resp: 40000  
Ion Ratio Lower Upper  
228 100  
226 48.5 36.3 54.5  
229 12.3 10.6 16.0





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.47 ng

RT: 21.59 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

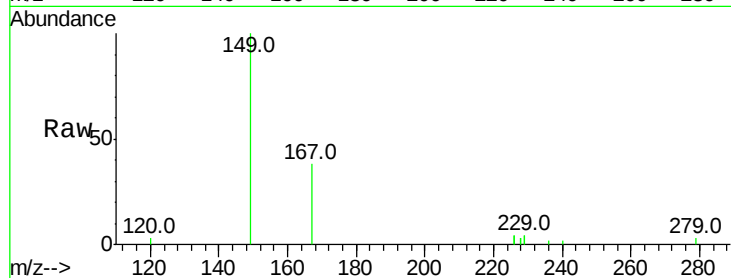
Tot Ion:149 Resp: 5728

Ion Ratio Lower Upper

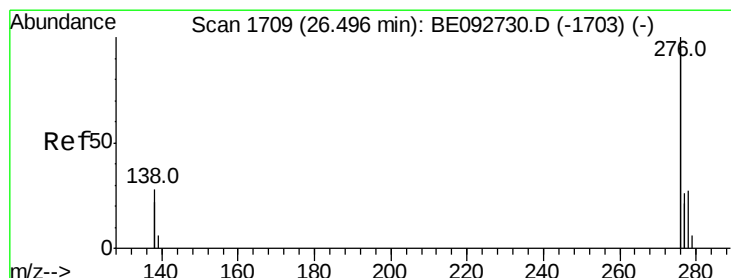
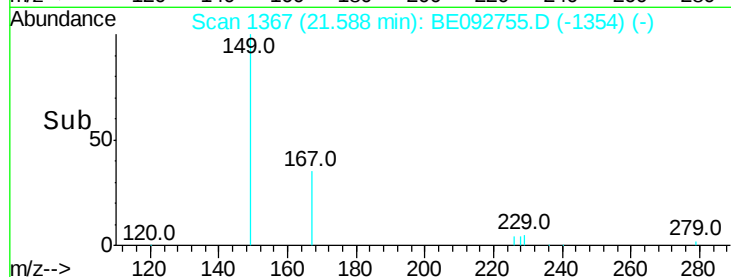
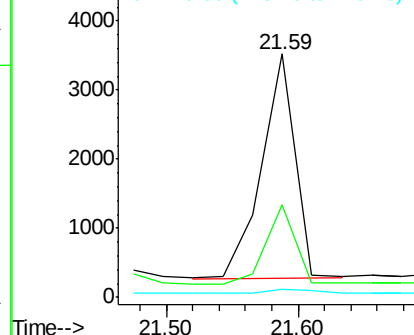
149 100

167 31.3 16.0 24.0#

279 2.6 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.36 ng

RT: 26.46 min Scan# 1707

Delta R.T. -0.03 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

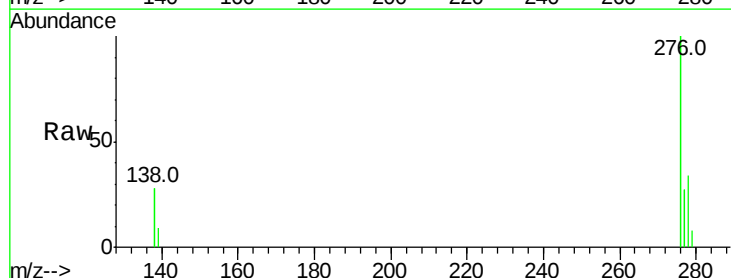
Tgt Ion:276 Resp: 41596

Ion Ratio Lower Upper

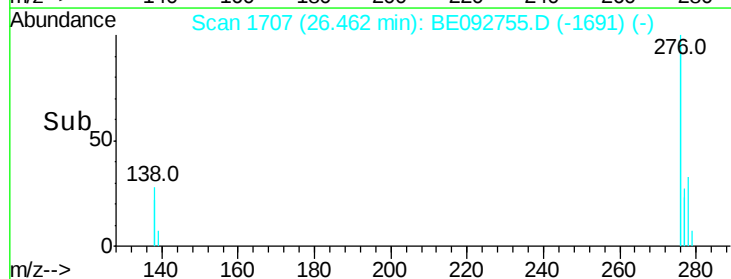
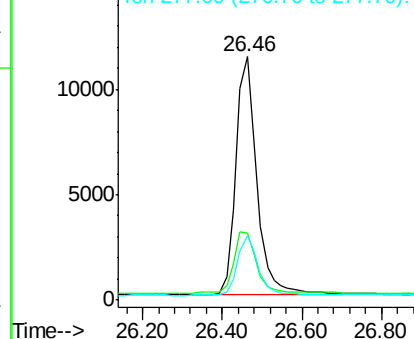
276 100

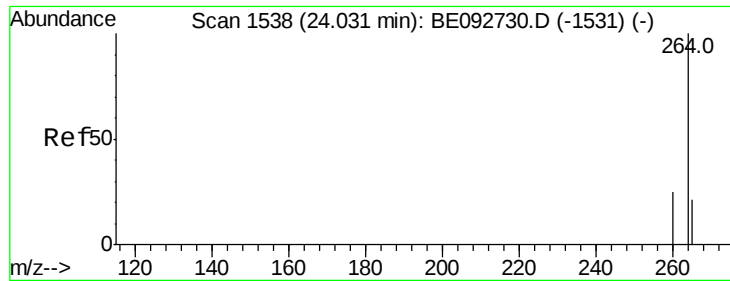
138 28.6 20.3 30.5

277 24.9 19.7 29.5



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

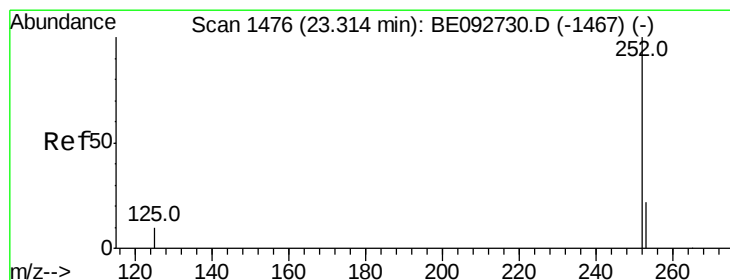
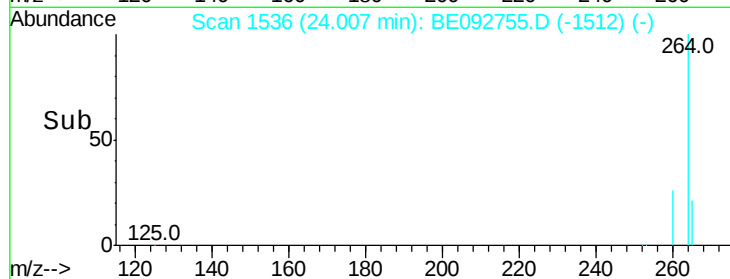
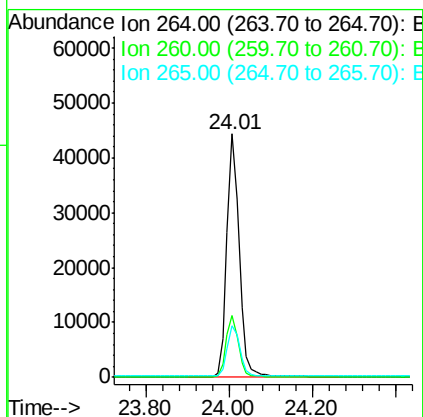
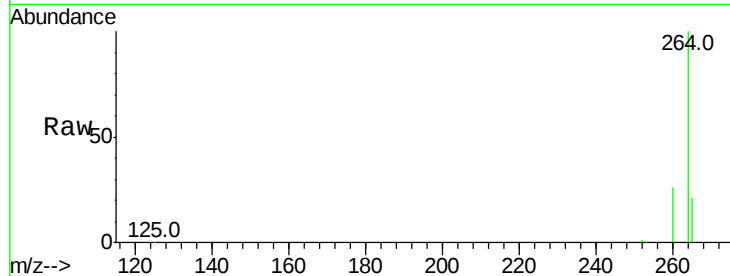




#31  
Pervlene-d12  
Concen: 5.00 ng  
RT: 24.01 min Scan# 1536  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

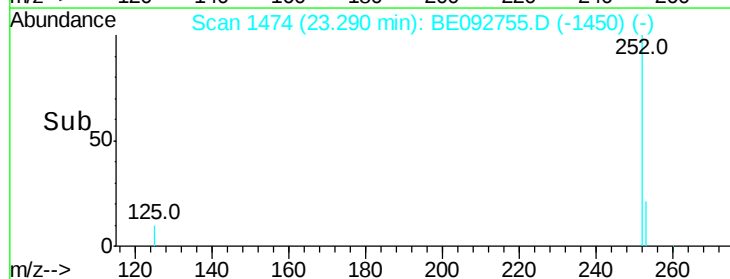
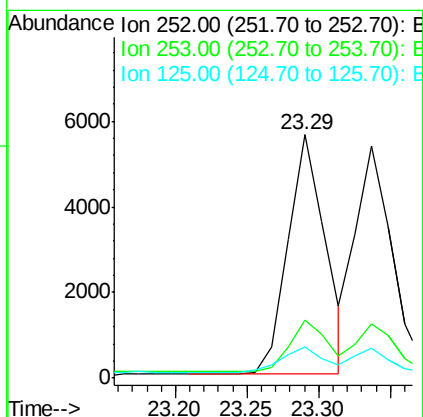
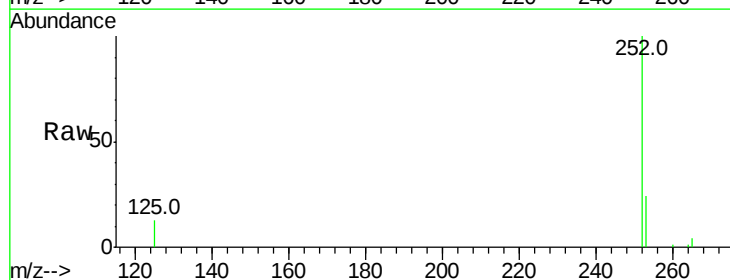
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

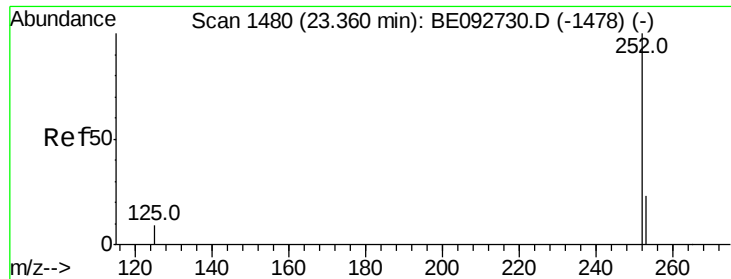
Tot Ion:264 Resp: 92307  
Ion Ratio Lower Upper  
264 100  
260 25.6 20.1 30.1  
265 21.4 17.9 26.9



#32  
Benzo(b)fluoranthene  
Concen: 0.45 ng  
RT: 23.29 min Scan# 1474  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

Tgt Ion:252 Resp: 10110  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.7 28.1  
125 12.6 10.5 15.7

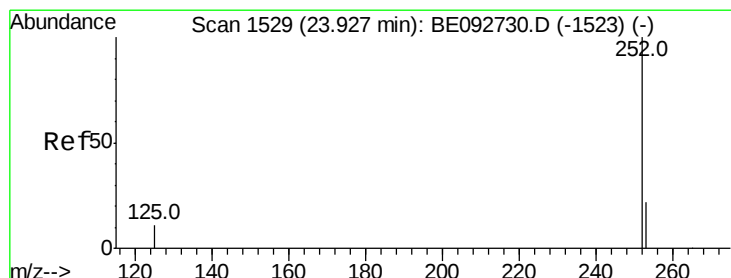
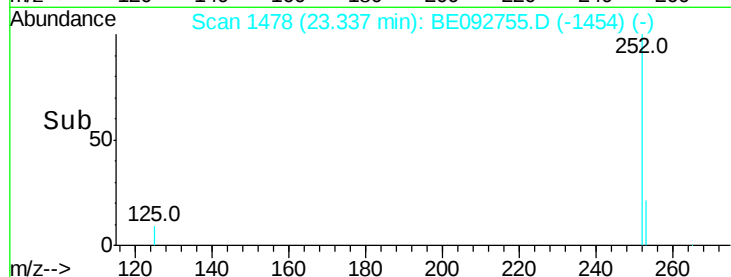
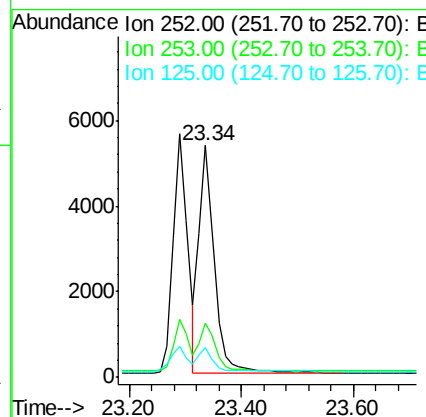
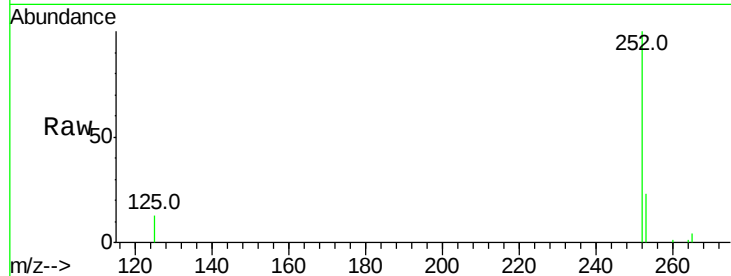




#33  
Benzo(k)fluoranthene  
Concen: 0.39 ng  
RT: 23.34 min Scan# 1478  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

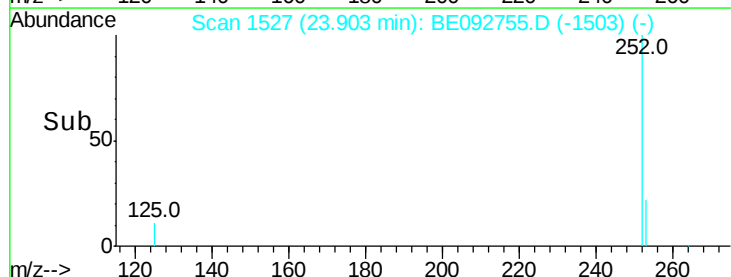
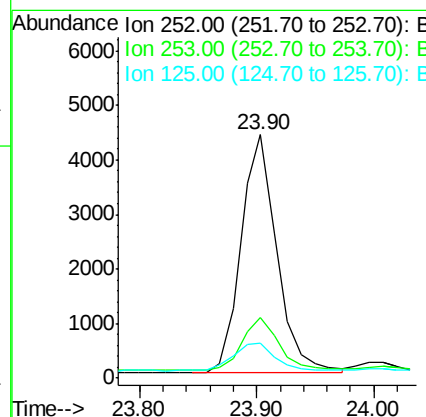
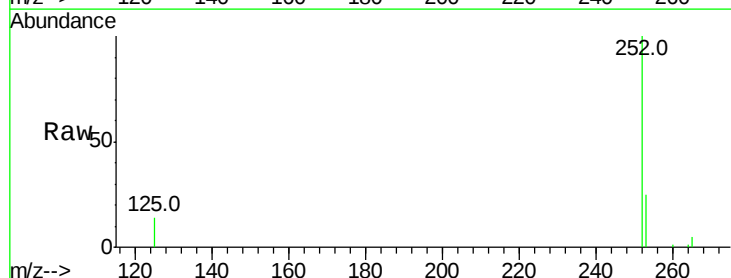
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

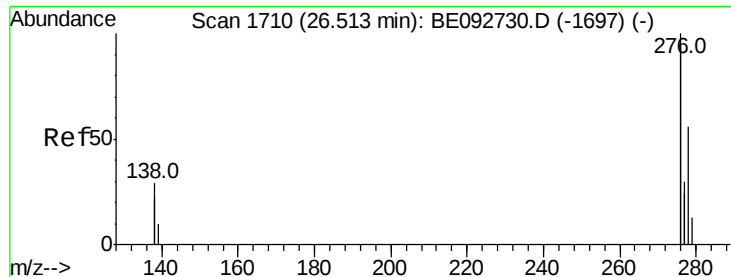
Tot Ion:252 Resp: 10059  
Ion Ratio Lower Upper  
252 100  
253 23.3 20.3 30.5  
125 12.6 9.6 14.4



#34  
Benzo(a)pyrene  
Concen: 0.39 ng  
RT: 23.90 min Scan# 1527  
Delta R.T. -0.02 min  
Lab File: BE092755.D  
Acq: 24 Feb 2017 11:53

Tgt Ion:252 Resp: 9315  
Ion Ratio Lower Upper  
252 100  
253 24.9 19.0 28.6  
125 14.2 11.8 17.8





#35

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.48 min Scan# 1708

Delta R.T. -0.03 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

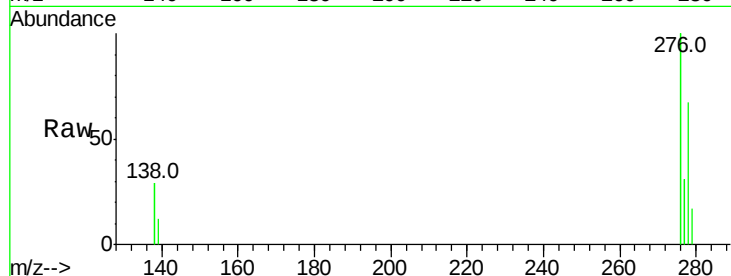
Tot Ion:278 Resp: 8759

Ion Ratio Lower Upper

278 100

139 18.6 13.8 20.8

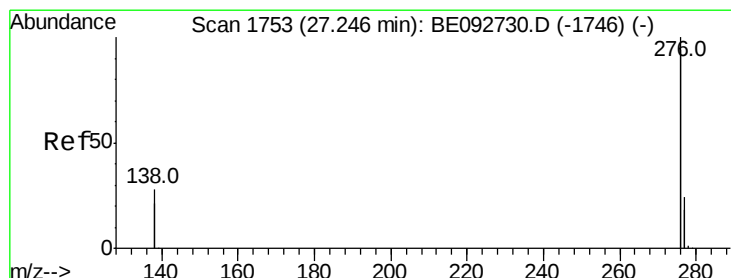
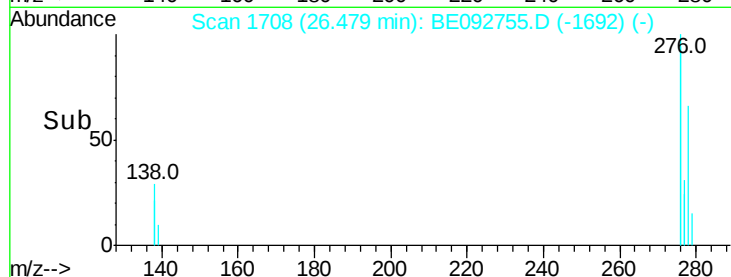
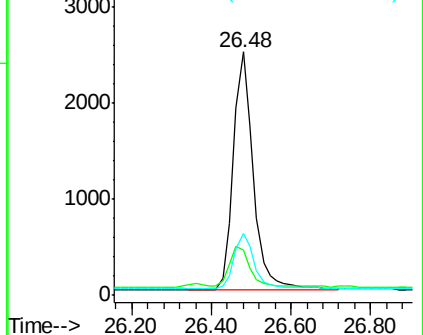
279 25.4 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.21 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BE092755.D

Acq: 24 Feb 2017 11:53

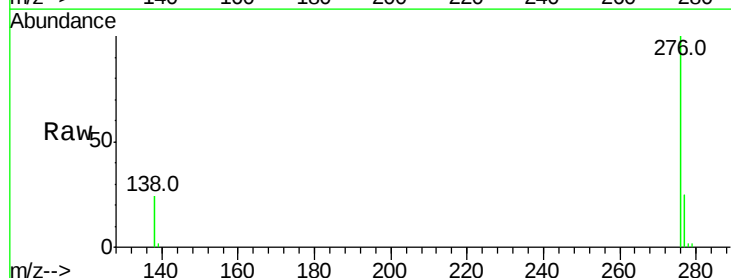
Tgt Ion:276 Resp: 36565

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.8

138 24.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

