

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE022615\  
 Data File : BE089715.D  
 Acq On : 27 Feb 2015 7:14  
 Operator : TP/JJ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001EC

Quant Time: Feb 27 14:23:11 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-BE022615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 27 13:38:44 2015  
 Response via : Initial Calibration

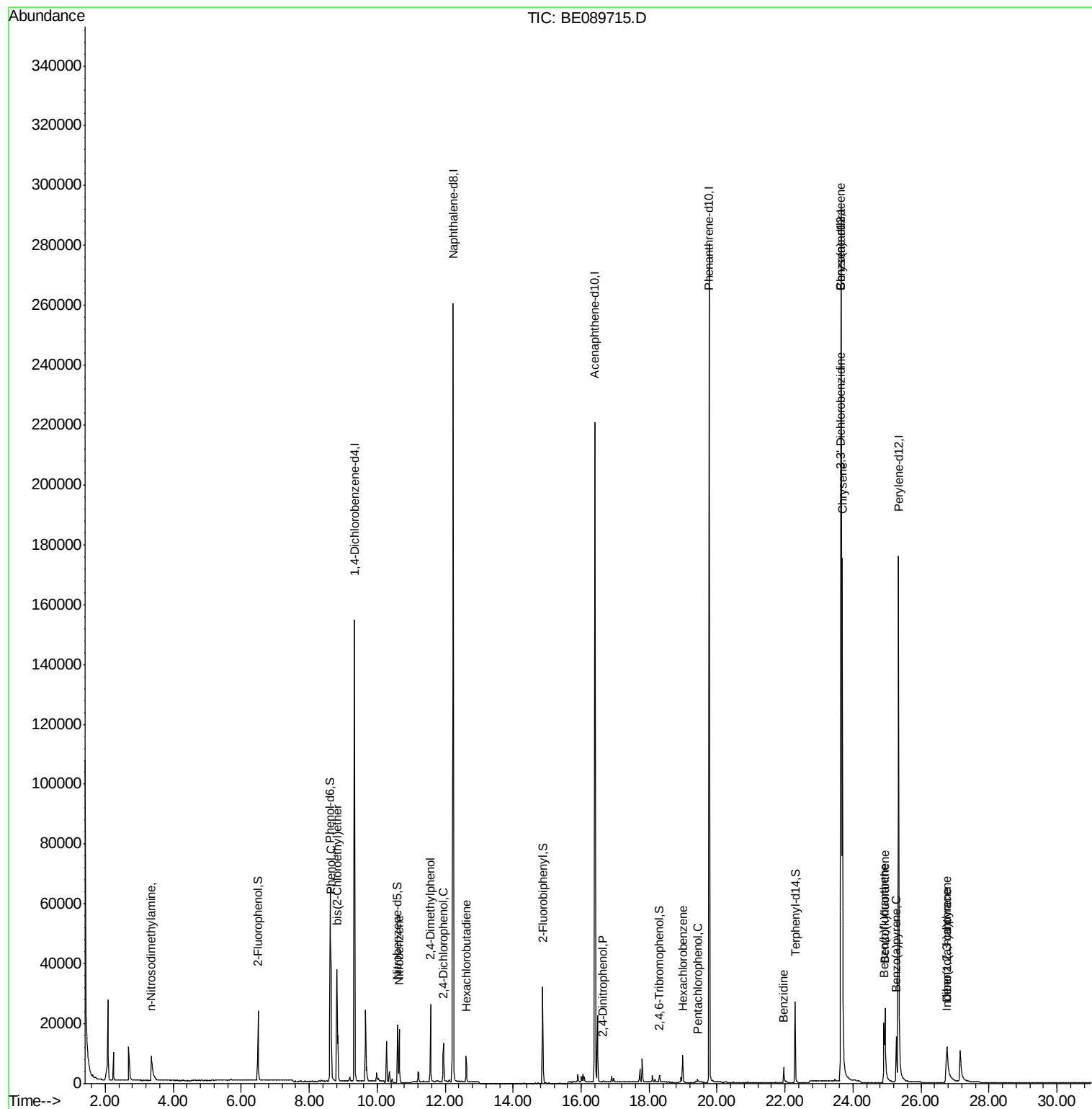
| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 9.33  | 152  | 69592    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8           | 12.23 | 136  | 302123   | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 16.40 | 164  | 140874   | 5.00 | ng    | 0.00     |
| 17) Phenanthrene-d10        | 19.76 | 188  | 256457   | 5.00 | ng    | 0.00     |
| 20) Chrysene-d12            | 23.65 | 240  | 204178   | 5.00 | ng    | 0.00     |
| 27) Perylene-d12            | 25.34 | 264  | 165659   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |      |       |          |
| 3) 2-Fluorophenol           | 6.49  | 112  | 16507    | 0.98 | ng    | 0.00     |
| 4) Phenol-d6                | 8.61  | 99   | 22242    | 0.97 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 10.60 | 82   | 14276    | 0.89 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 18.31 | 330  | 1307     | 0.93 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 14.87 | 172  | 29349    | 0.93 | ng    | 0.00     |
| 22) Terphenyl-d14           | 22.30 | 244  | 23970    | 0.97 | ng    | 0.00     |
| Target Compounds            |       |      |          |      |       | Qvalue   |
| 2) n-Nitrosodimethylamine   | 3.35  | 42   | 9176     | 0.92 | ng    | 97       |
| 5) Phenol                   | 8.64  | 94   | 24266    | 0.97 | ng    | # 60     |
| 6) bis(2-Chloroethyl)ether  | 8.82  | 93   | 18604    | 0.95 | ng    | # 99     |
| 9) Nitrobenzene             | 10.64 | 77   | 16734    | 0.94 | ng    | 99       |
| 10) 2,4-Dimethylphenol      | 11.57 | 122  | 13484    | 0.97 | ng    | 99       |
| 11) 2,4-Dichlorophenol      | 11.95 | 162  | 9929     | 0.98 | ng    | 99       |
| 12) Hexachlorobutadiene     | 12.62 | 225  | 5256     | 0.91 | ng    | 100      |
| 16) 2,4-Dinitrophenol       | 16.65 | 184  | 214      | 0.79 | ng    | 93       |
| 18) Hexachlorobenzene       | 18.98 | 284  | 6082     | 0.91 | ng    | 98       |
| 19) Pentachlorophenol       | 19.43 | 266  | 962      | 1.20 | ng    | 98       |
| 21) Benzidine               | 21.96 | 184  | 8033     | 0.92 | ng    | 98       |
| 23) Benzo(a)anthracene      | 23.63 | 228  | 140832   | 0.97 | ng    | 92       |
| 24) 3,3'-Dichlorobenzidine  | 23.63 | 252  | 7661     | 0.98 | ng    | 100      |
| 25) Chrysene                | 23.68 | 228  | 161397   | 0.90 | ng    | 100      |
| 26) Indeno(1,2,3-cd)pyrene  | 26.74 | 276  | 23543    | 1.02 | ng    | 98       |
| 28) Benzo(b)fluoranthene    | 24.91 | 252  | 17731    | 0.96 | ng    | 100      |
| 29) Benzo(k)fluoranthene    | 24.94 | 252  | 38679    | 0.95 | ng    | 99       |
| 30) Benzo(a)pyrene          | 25.27 | 252  | 19162    | 0.96 | ng    | 99       |
| 31) Dibenzo(a,h)anthracene  | 26.77 | 278  | 17961    | 1.01 | ng    | 98       |

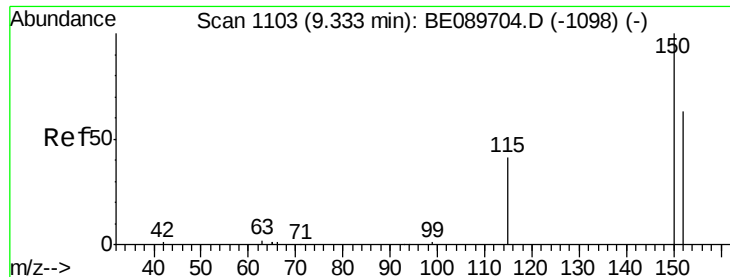
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE022615\  
Data File : BE089715.D  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_E  
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SSTDCCC001EC

Quant Time: Feb 27 14:23:11 2015  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-BE022615.M  
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.33 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

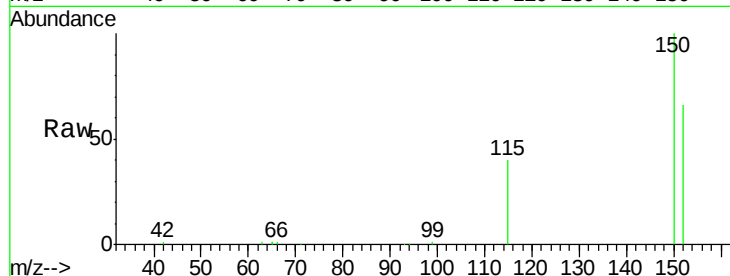
Tgt Ion:152 Resp: 69592

Ion Ratio Lower Upper

152 100

150 152.0 127.3 190.9

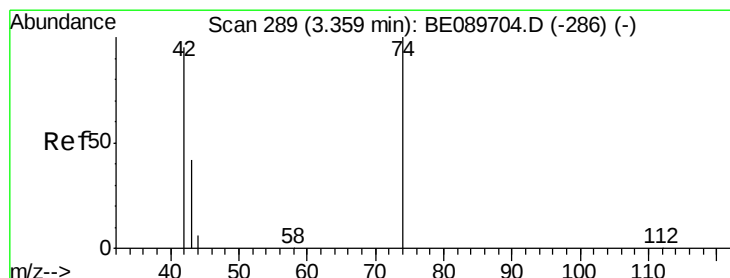
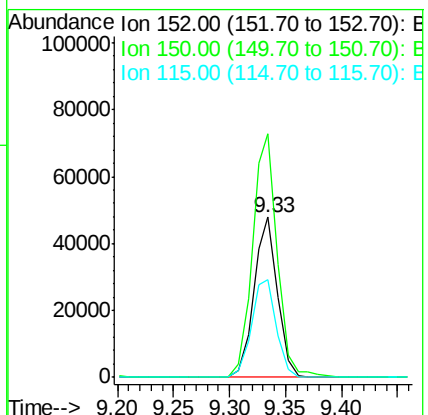
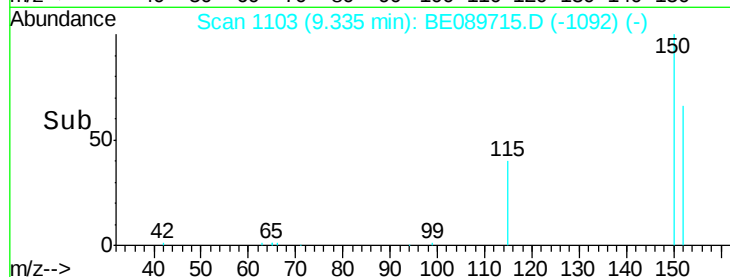
115 61.4 52.0 78.0



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



#2

n-Nitrosodimethylamine

Concen: 0.92 ng

RT: 3.35 min Scan# 288

Delta R.T. -0.01 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

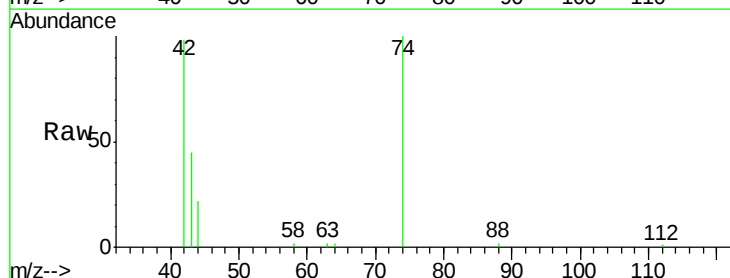
Tgt Ion: 42 Resp: 9176

Ion Ratio Lower Upper

42 100

74 101.6 83.8 125.8

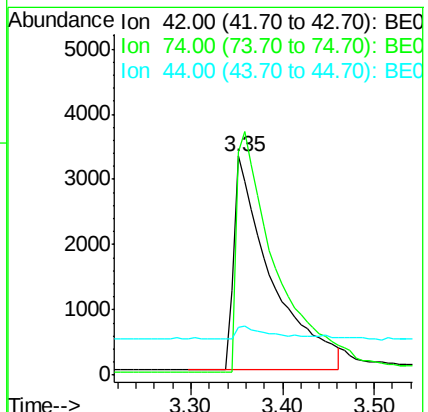
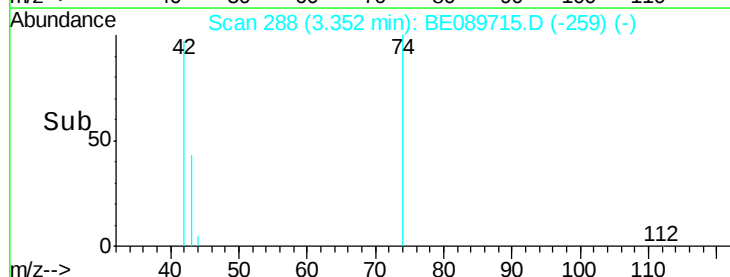
44 22.0 19.0 28.6

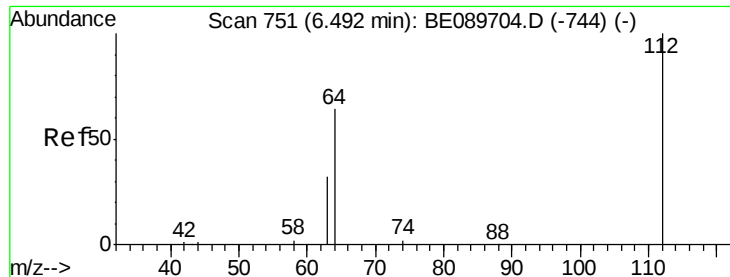


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#3

2-Fluorophenol

Concen: 0.98 ng

RT: 6.49 min Scan# 751

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

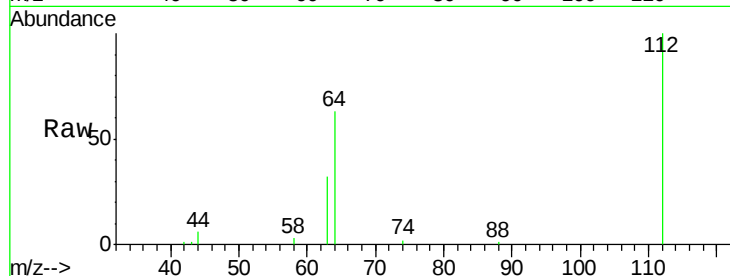
Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

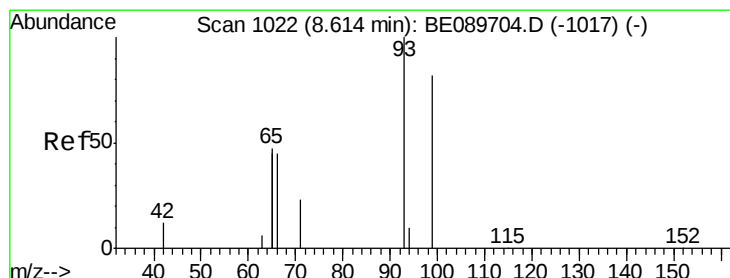
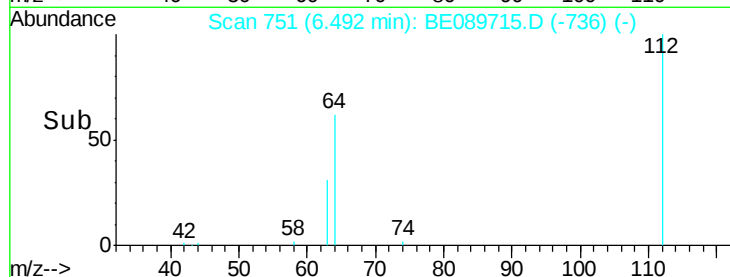
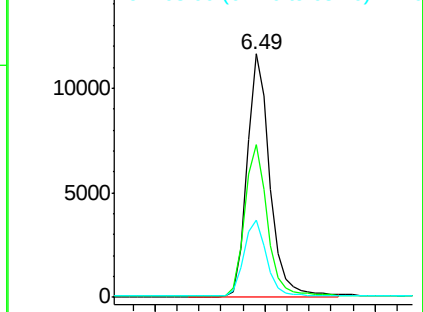
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 16507 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 62.6  | 51.3  | 76.9  |
| 63       | 31.5  | 26.2  | 39.2  |



Abundance Ion 112.00 (111.70 to 112.70): BE089715.D (-736) (-)

Ion 64.00 (63.70 to 64.70): BE089715.D (-736) (-)

Ion 63.00 (62.70 to 63.70): BE089715.D (-736) (-)



#4

Phenol-d6

Concen: 0.97 ng

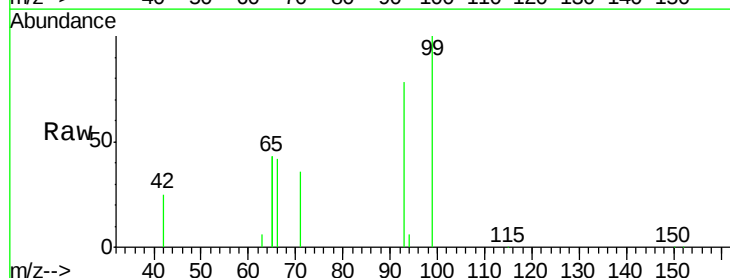
RT: 8.61 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

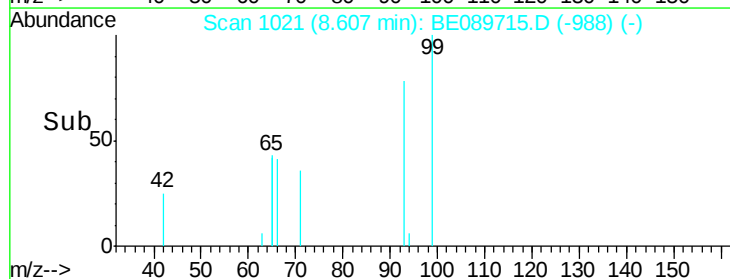
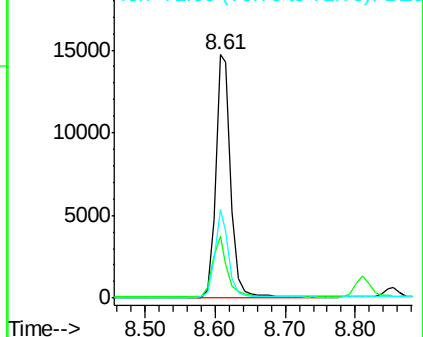
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 22242 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 25.3  | 12.3  | 18.5# |
| 71       | 36.2  | 22.9  | 34.3# |

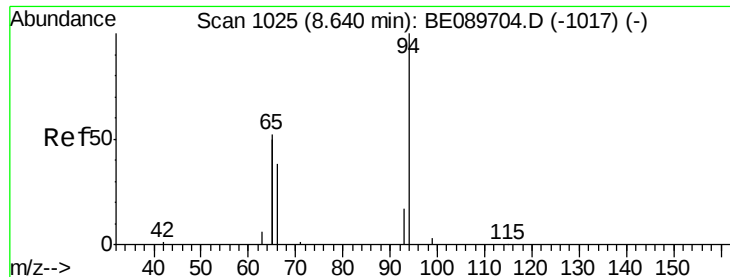


Abundance Ion 99.00 (98.70 to 99.70): BE089715.D (-988) (-)

Ion 42.00 (41.70 to 42.70): BE089715.D (-988) (-)

Ion 71.00 (70.70 to 71.70): BE089715.D (-988) (-)





#5

Phenol

Concen: 0.97 ng

RT: 8.64 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

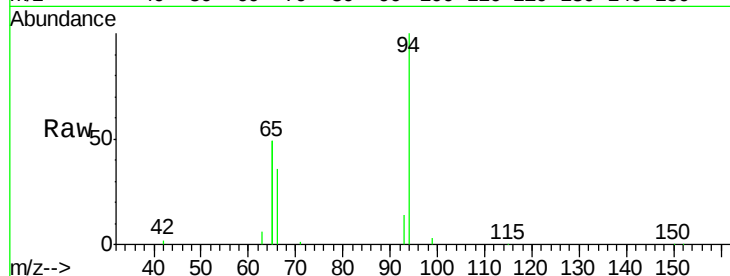
Tgt Ion: 94 Resp: 24266

Ion Ratio Lower Upper

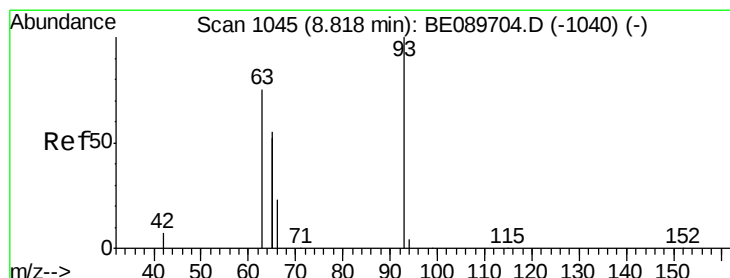
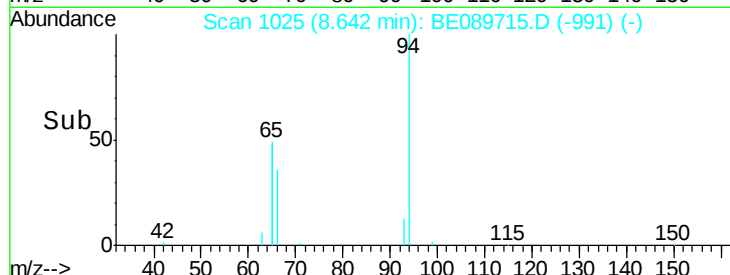
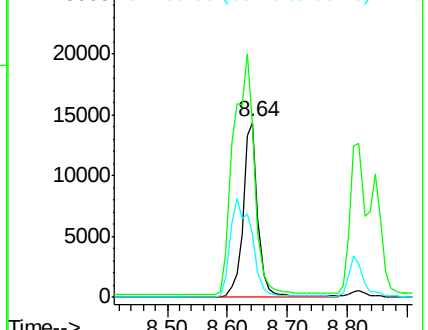
94 100

65 98.5 31.7 71.7#

66 36.0 17.9 57.9



Abundance Ion 94.00 (93.70 to 94.70): BE0  
Ion 65.00 (64.70 to 65.70): BE0  
Ion 66.00 (65.70 to 66.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.95 ng

RT: 8.82 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

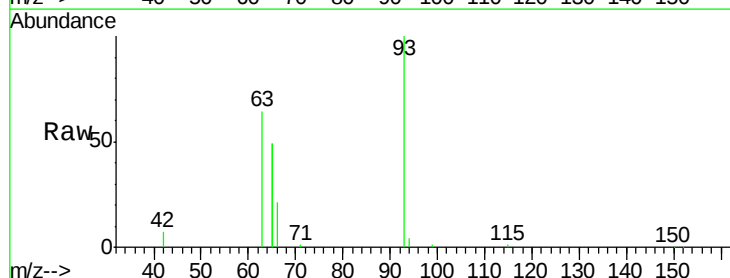
Tgt Ion: 93 Resp: 18604

Ion Ratio Lower Upper

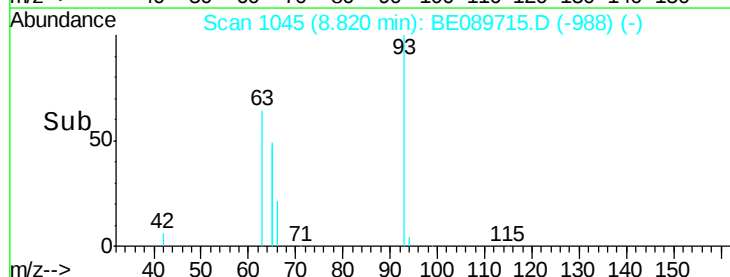
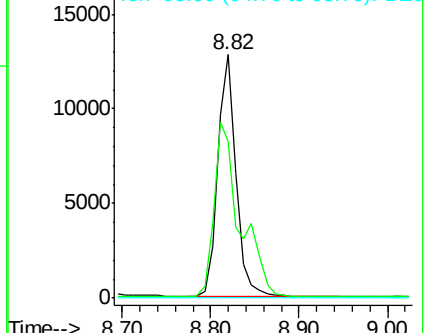
93 100

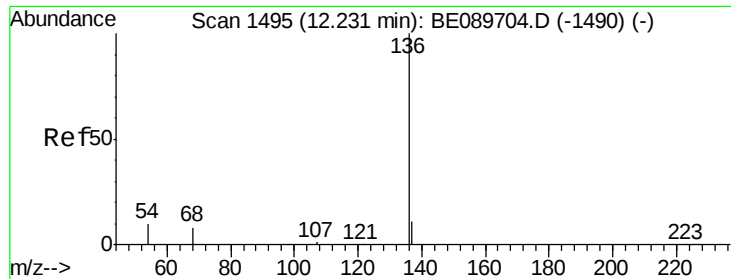
63 103.4 83.8 125.8

95 0.0 0.0 0.0



Abundance Ion 93.00 (92.70 to 93.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0  
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.23 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

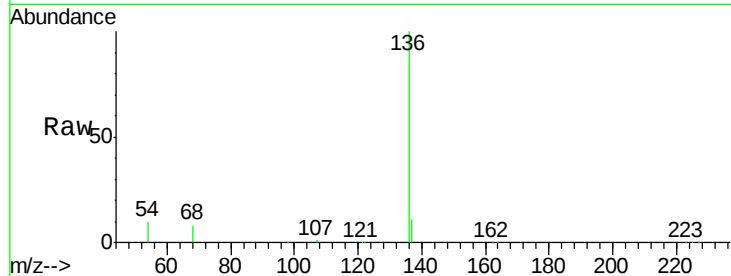
Tgt Ion: 136 Resp: 302123

Ion Ratio Lower Upper

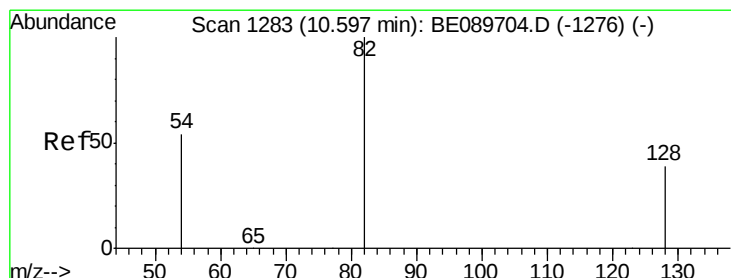
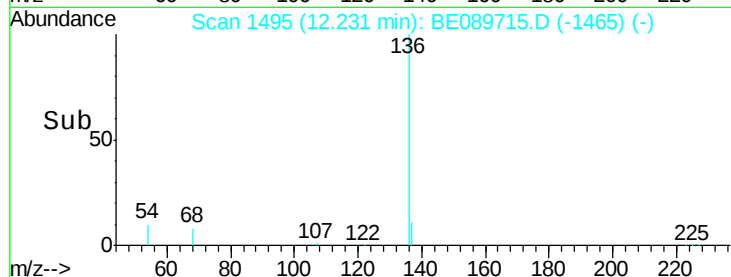
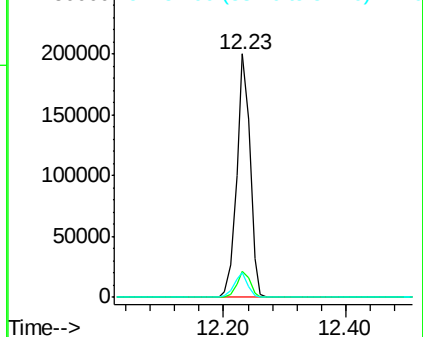
136 100

137 10.9 8.6 13.0

54 10.2 8.1 12.1



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



#8

Nitrobenzene-d5

Concen: 0.89 ng

RT: 10.60 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

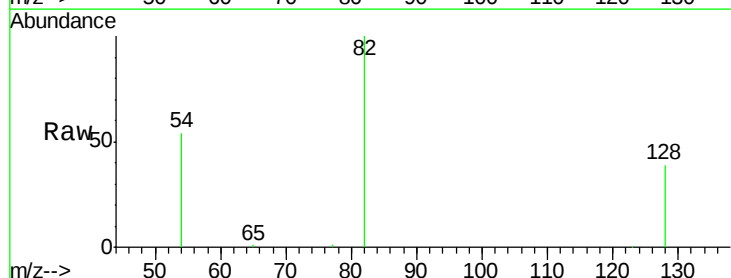
Tgt Ion: 82 Resp: 14276

Ion Ratio Lower Upper

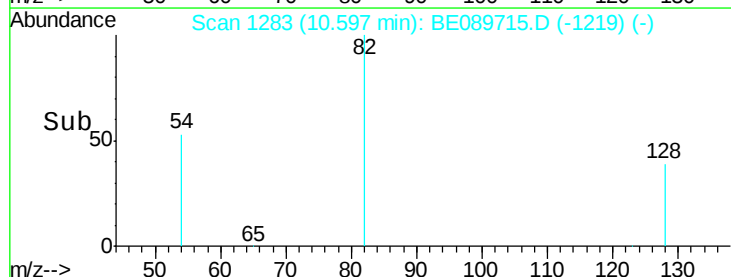
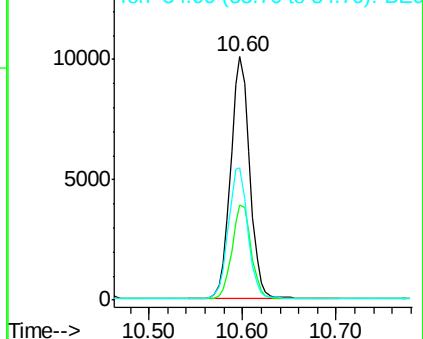
82 100

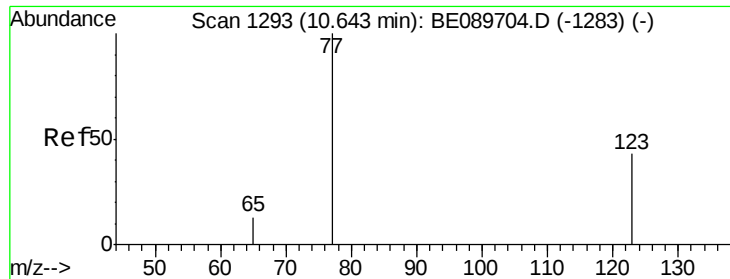
128 39.0 31.4 47.2

54 54.2 43.8 65.8



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

Nitrobenzene

Concen: 0.94 ng

RT: 10.64 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

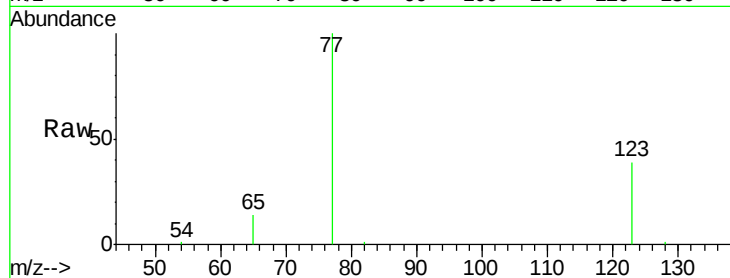
Tgt Ion: 77 Resp: 16734

Ion Ratio Lower Upper

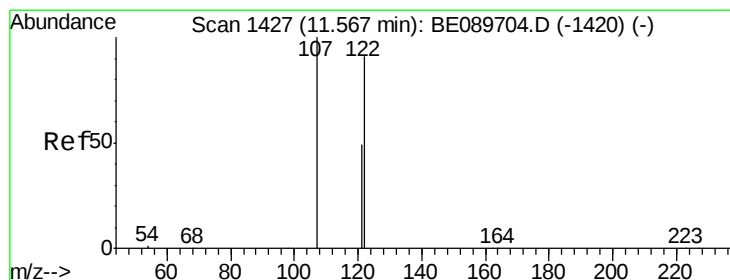
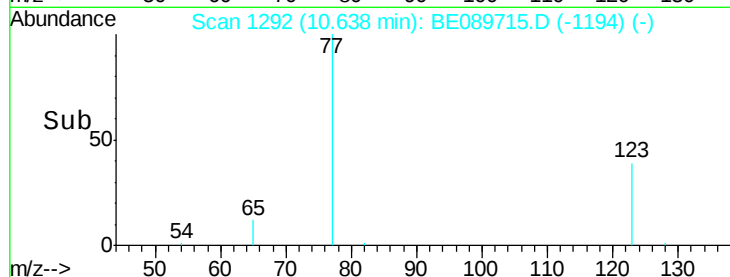
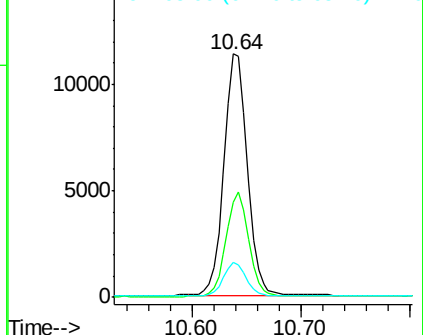
77 100

123 41.8 33.2 49.8

65 13.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BE0  
Ion 123.00 (122.70 to 123.70): BE0  
Ion 65.00 (64.70 to 65.70): BE0



#10

2,4-Dimethylphenol

Concen: 0.97 ng

RT: 11.57 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

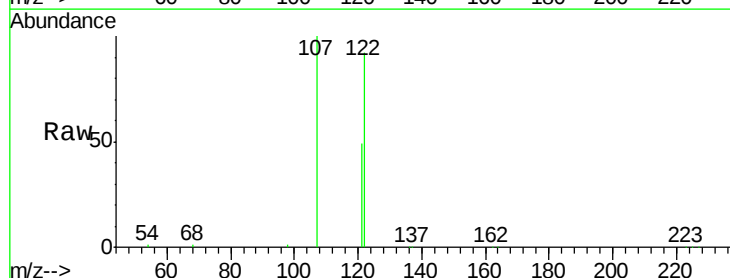
Tgt Ion: 122 Resp: 13484

Ion Ratio Lower Upper

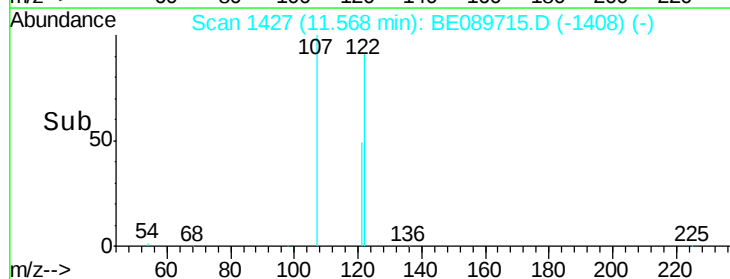
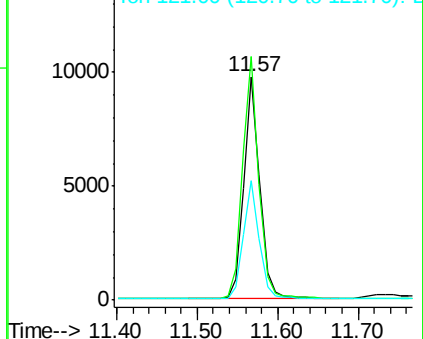
122 100

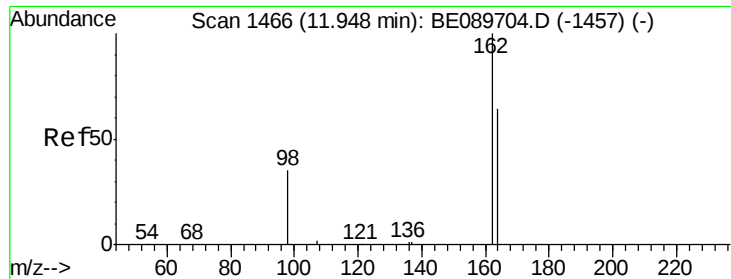
107 109.1 87.6 131.4

121 53.4 43.4 65.2



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

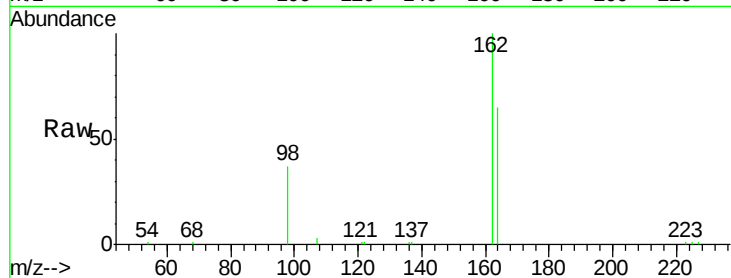




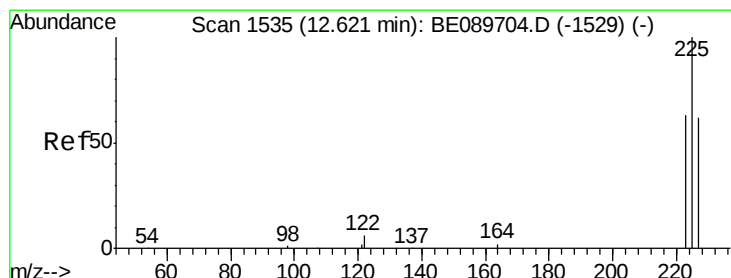
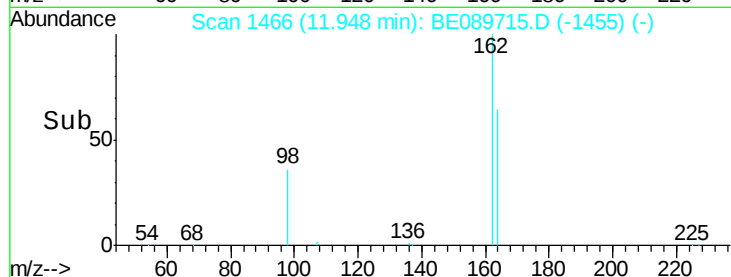
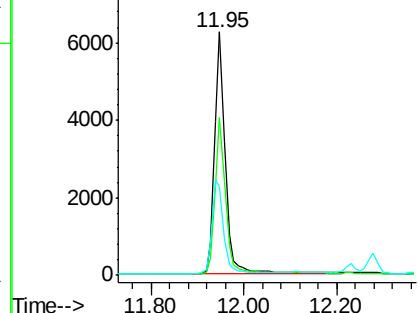
#11  
 2,4-Dichlorophenol  
 Concen: 0.98 ng  
 RT: 11.95 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: BE089715.D  
 Acq: 27 Feb 2015 7:14

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001EC

Tgt Ion:162 Resp: 9929  
 Ion Ratio Lower Upper  
 162 100  
 164 64.8 43.9 83.9  
 98 36.7 15.7 55.7

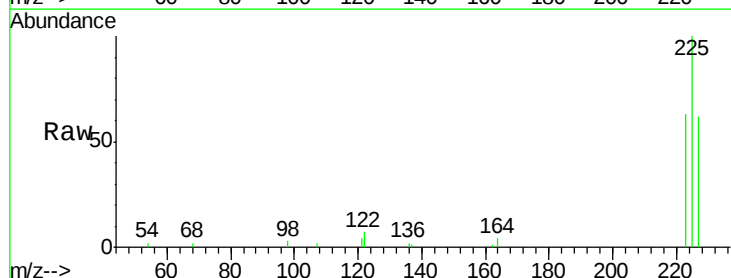


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BE0

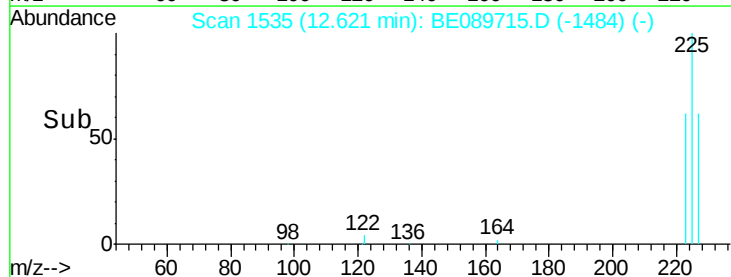
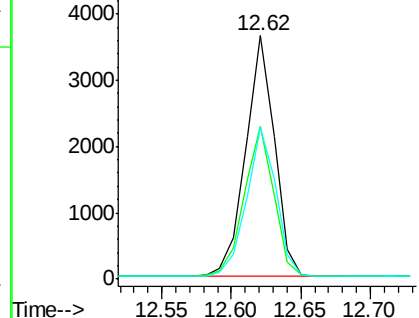


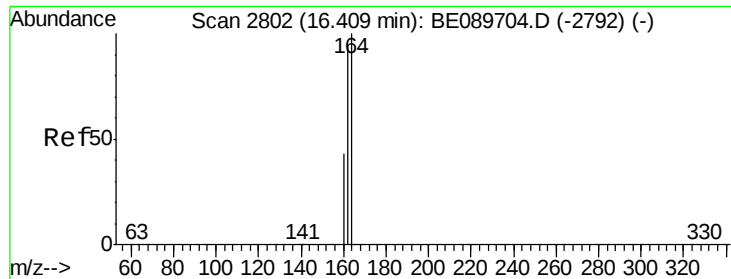
#12  
 Hexachlorobutadiene  
 Concen: 0.91 ng  
 RT: 12.62 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: BE089715.D  
 Acq: 27 Feb 2015 7:14

Tgt Ion:225 Resp: 5256  
 Ion Ratio Lower Upper  
 225 100  
 223 63.4 50.6 75.8  
 227 63.4 50.8 76.2



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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.40 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

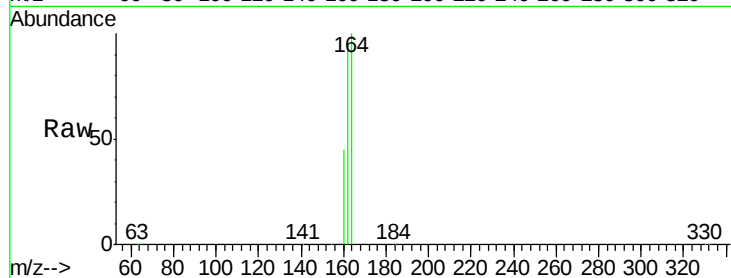
Tgt Ion:164 Resp: 140874

Ion Ratio Lower Upper

164 100

162 95.8 75.0 112.6

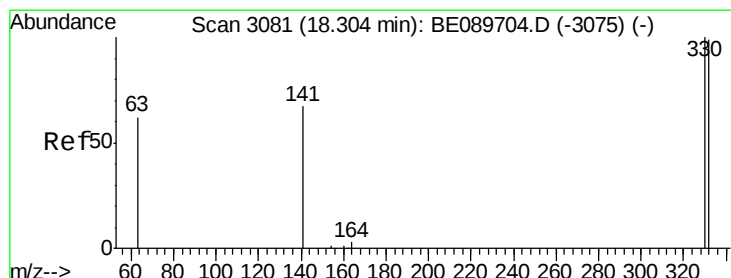
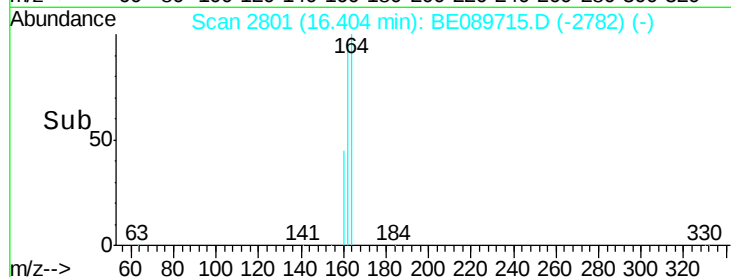
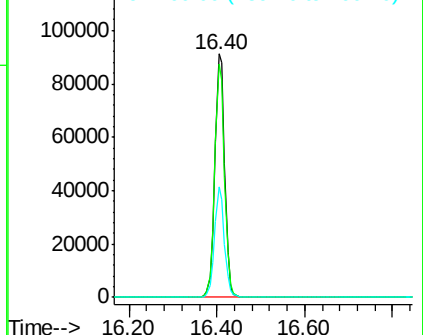
160 45.3 34.3 51.5



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



#14

2,4,6-Tribromophenol

Concen: 0.93 ng

RT: 18.31 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

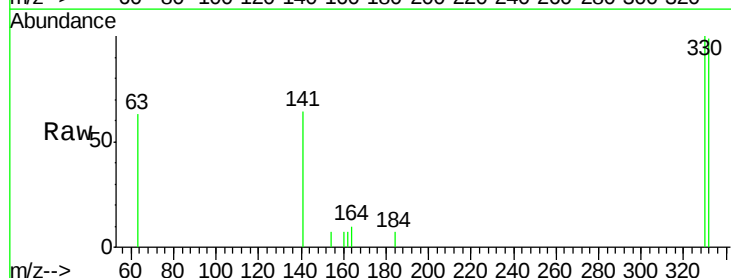
Tgt Ion:330 Resp: 1307

Ion Ratio Lower Upper

330 100

332 98.9 0.0 0.0#

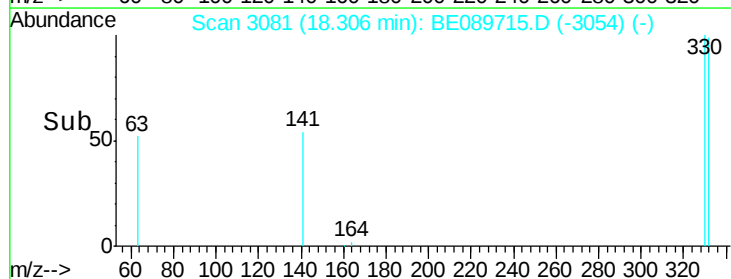
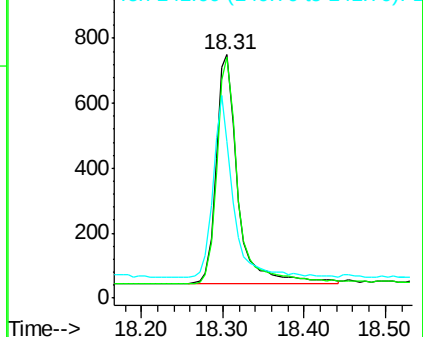
141 75.1 0.0 0.0#

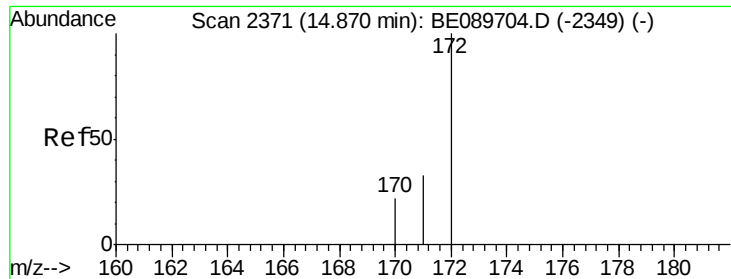


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

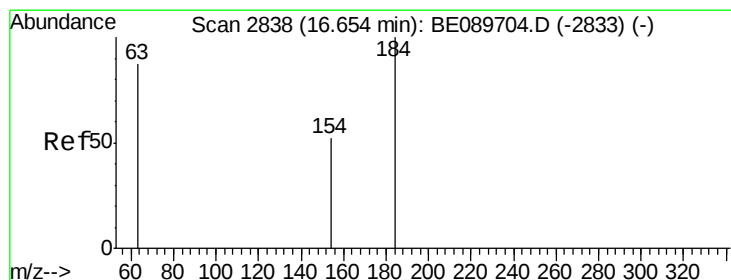
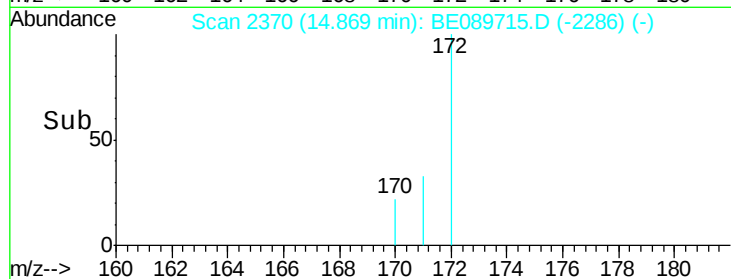
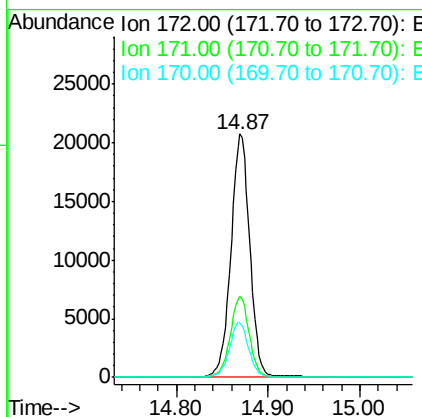
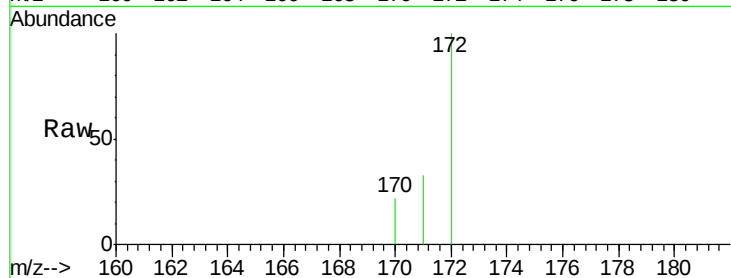




#15  
2-Fluorobiphenyl  
Concen: 0.93 ng  
RT: 14.87 min Scan# 2370  
Delta R.T. -0.00 min  
Lab File: BE089715.D  
Acq: 27 Feb 2015 7:14

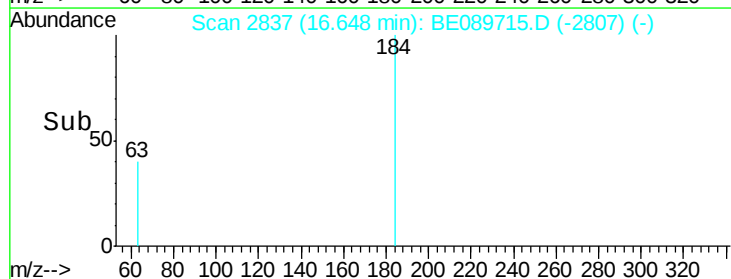
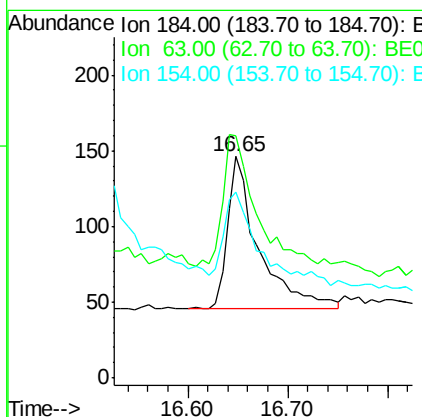
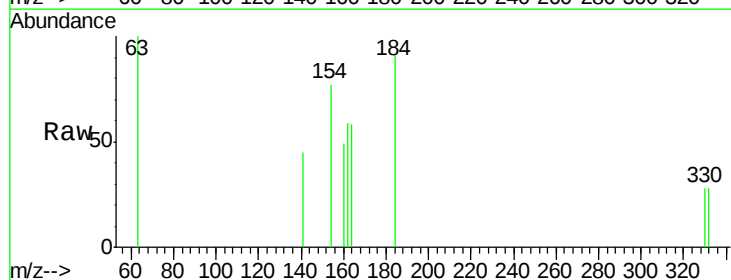
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC001EC

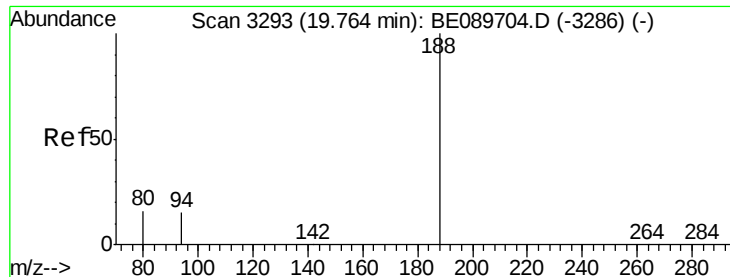
Tgt Ion:172 Resp: 29349  
Ion Ratio Lower Upper  
172 100  
171 33.3 26.8 40.2  
170 22.5 18.0 27.0



#16  
2,4-Dinitrophenol  
Concen: 0.79 ng  
RT: 16.65 min Scan# 2837  
Delta R.T. -0.00 min  
Lab File: BE089715.D  
Acq: 27 Feb 2015 7:14

Tgt Ion:184 Resp: 214  
Ion Ratio Lower Upper  
184 100  
63 109.6 82.4 123.6  
154 84.2 61.4 92.2

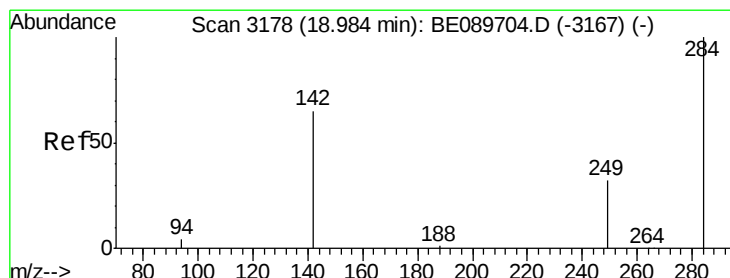
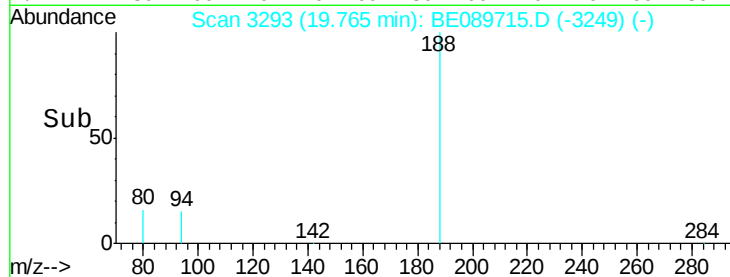
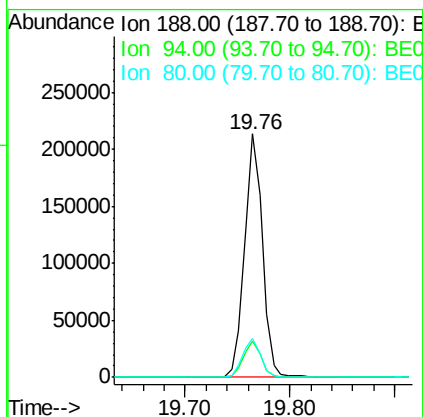
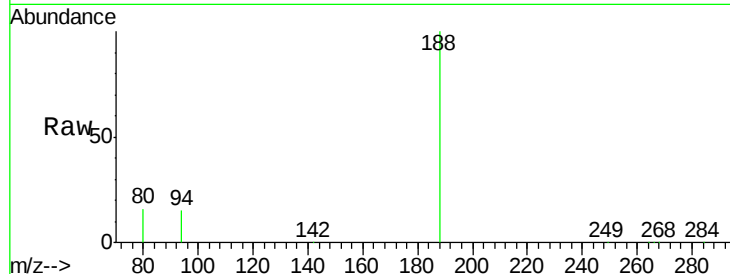




#17  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 19.76 min Scan# 3293  
Delta R.T. 0.00 min  
Lab File: BE089715.D  
Acq: 27 Feb 2015 7:14

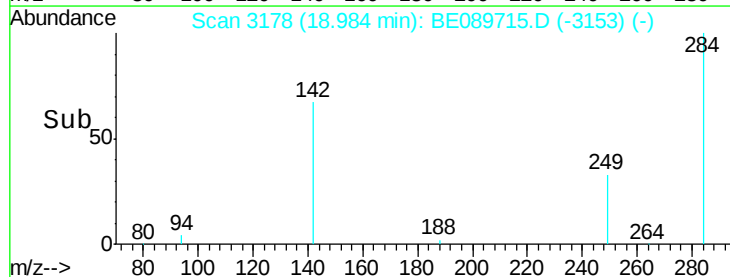
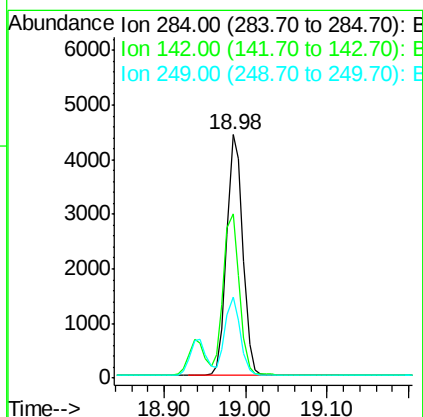
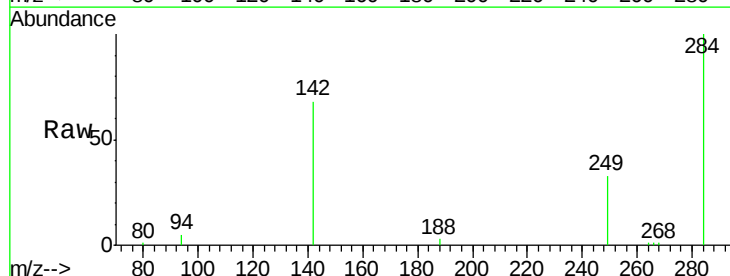
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC001EC

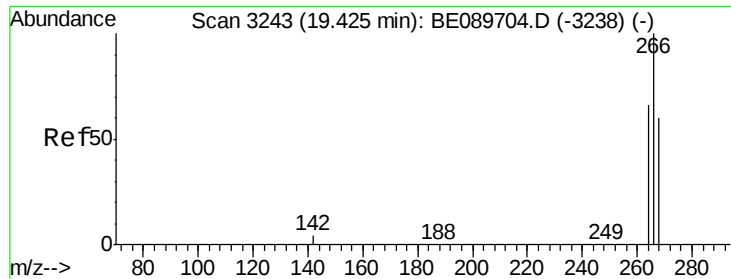
Tgt Ion:188 Resp: 256457  
Ion Ratio Lower Upper  
188 100  
94 15.1 12.1 18.1  
80 15.8 12.7 19.1



#18  
Hexachlorobenzene  
Concen: 0.91 ng  
RT: 18.98 min Scan# 3178  
Delta R.T. 0.00 min  
Lab File: BE089715.D  
Acq: 27 Feb 2015 7:14

Tgt Ion:284 Resp: 6082  
Ion Ratio Lower Upper  
284 100  
142 67.5 52.2 78.4  
249 33.4 26.4 39.6

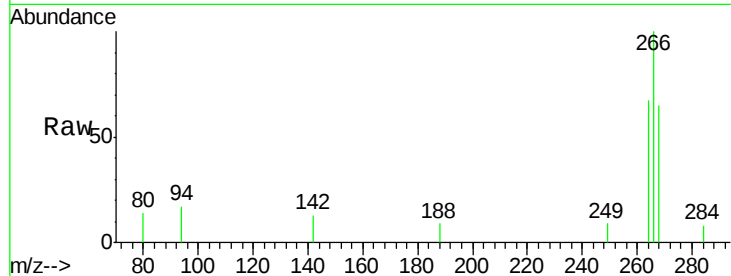




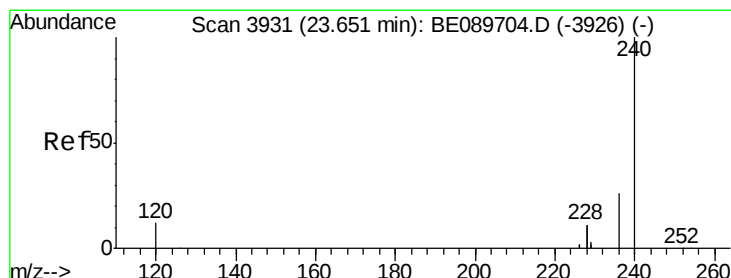
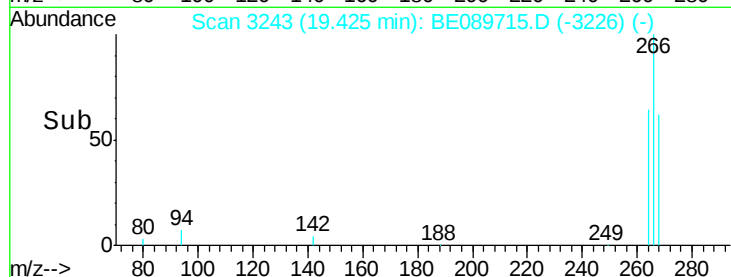
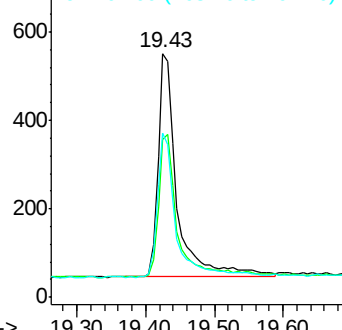
#19  
 Pentachlorophenol  
 Concen: 1.20 ng  
 RT: 19.43 min Scan# 3243  
 Delta R.T. 0.00 min  
 Lab File: BE089715.D  
 Acq: 27 Feb 2015 7:14

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001EC

Tgt Ion: 266 Resp: 962  
 Ion Ratio Lower Upper  
 266 100  
 268 64.6 51.4 77.2  
 264 67.2 55.8 83.8

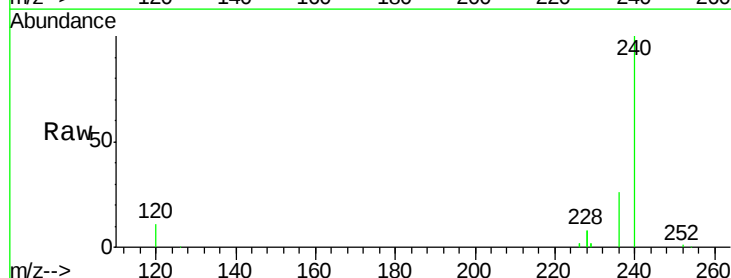


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

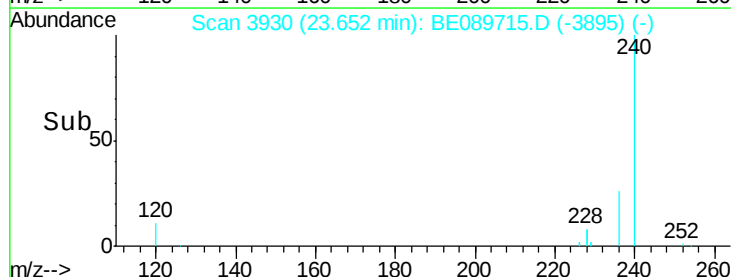
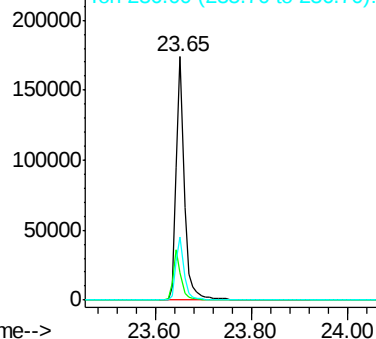


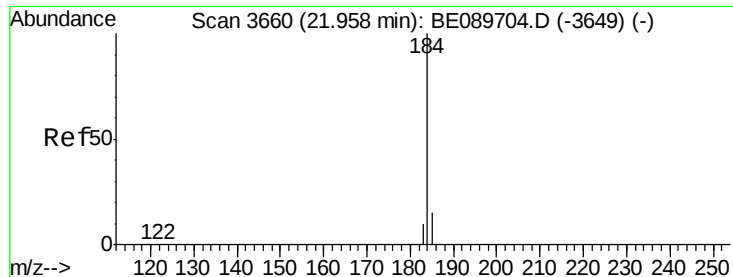
#20  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 23.65 min Scan# 3930  
 Delta R.T. 0.00 min  
 Lab File: BE089715.D  
 Acq: 27 Feb 2015 7:14

Tgt Ion: 240 Resp: 204178  
 Ion Ratio Lower Upper  
 240 100  
 120 11.2 9.9 14.9  
 236 25.8 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E





#21

Benzidine

Concen: 0.92 ng

RT: 21.96 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

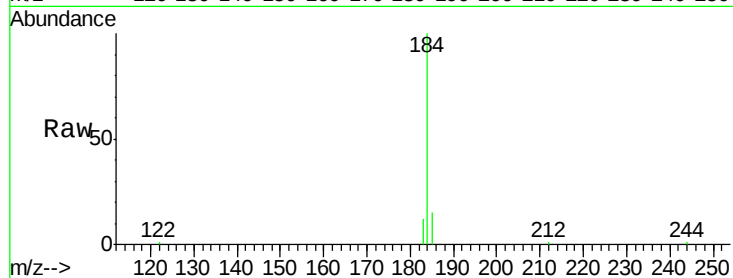
Tgt Ion:184 Resp: 8033

Ion Ratio Lower Upper

184 100

185 15.2 12.8 19.2

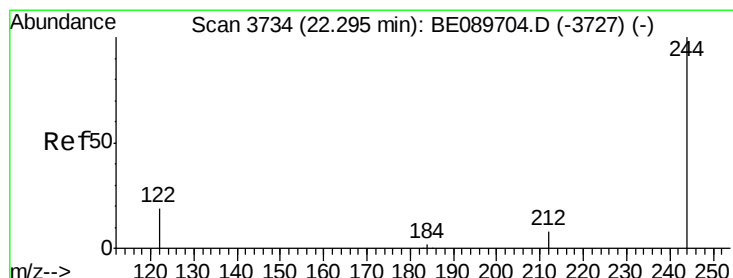
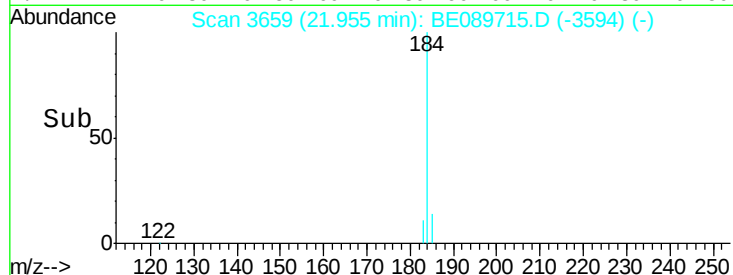
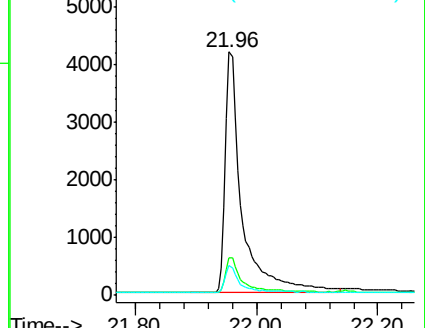
183 12.2 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#22

Terphenyl-d14

Concen: 0.97 ng

RT: 22.30 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

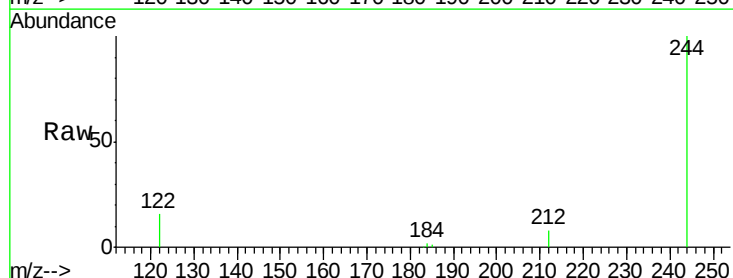
Tgt Ion:244 Resp: 23970

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

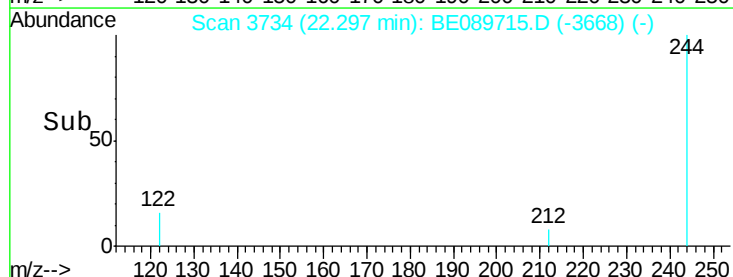
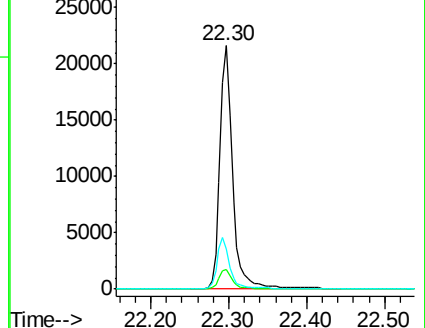
122 16.5 15.7 23.5

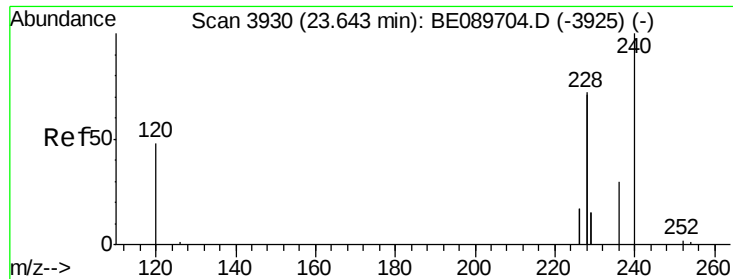


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#23

Benzo(a)anthracene

Concen: 0.97 ng

RT: 23.63 min Scan# 3928

Delta R.T. -0.01 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

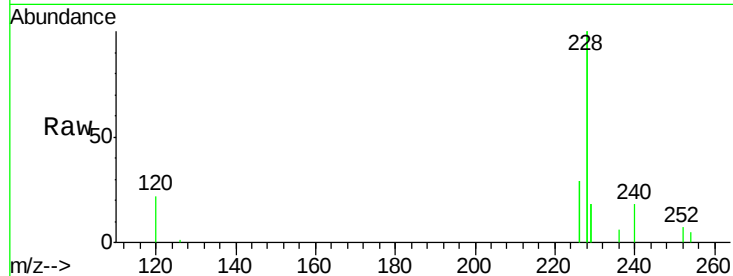
Tgt Ion:228 Resp: 140832

Ion Ratio Lower Upper

228 100

226 28.7 19.3 28.9

229 17.8 16.6 25.0

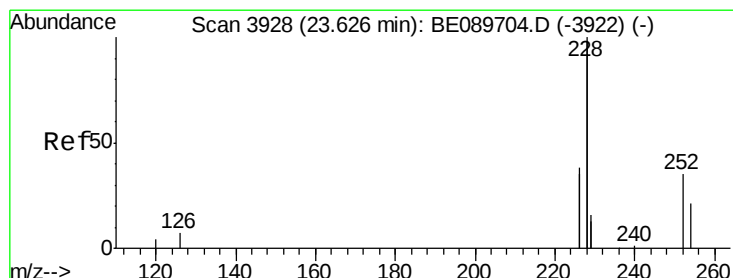
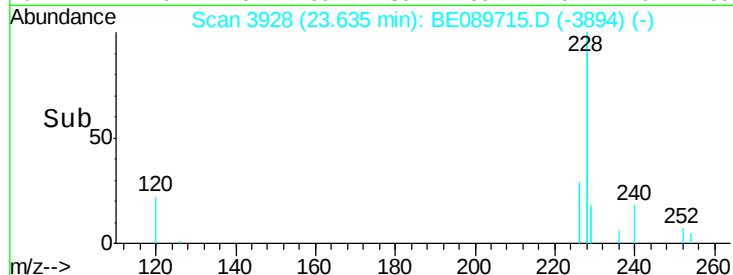
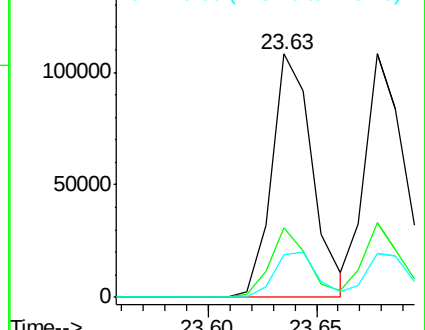


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#24

3,3'-Dichlorobenzidine

Concen: 0.98 ng

RT: 23.63 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

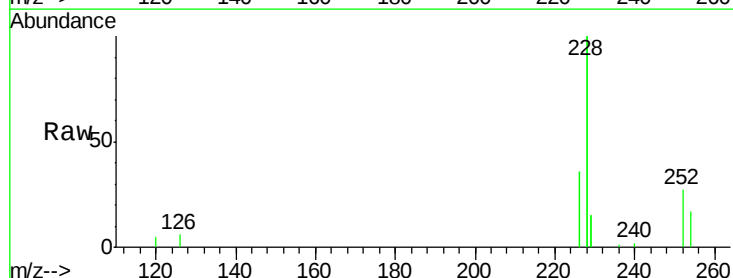
Tgt Ion:252 Resp: 7661

Ion Ratio Lower Upper

252 100

254 62.3 49.4 74.2

126 21.9 17.4 26.2

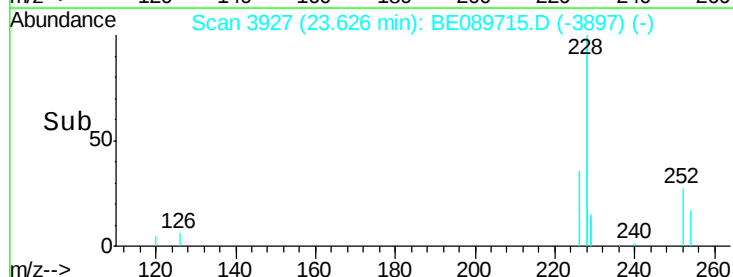
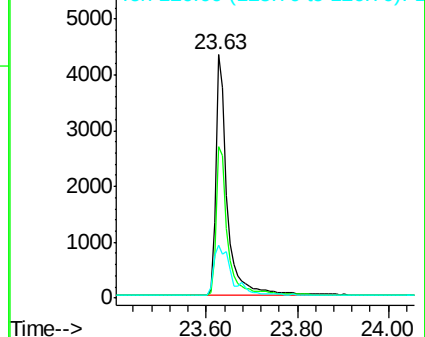


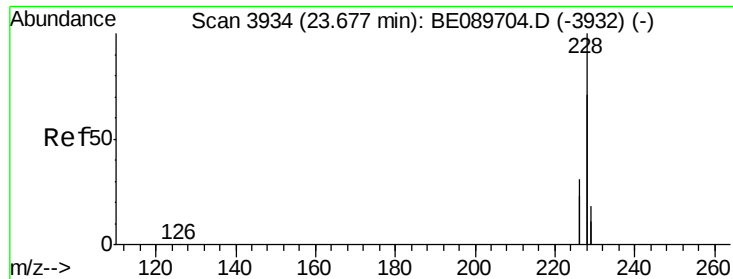
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#25

Chrysene

Concen: 0.90 ng

RT: 23.68 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

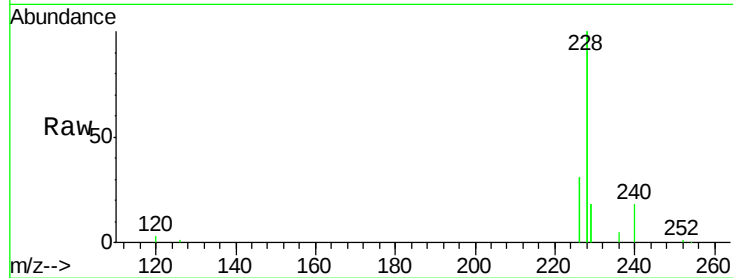
Tgt Ion:228 Resp: 161397

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

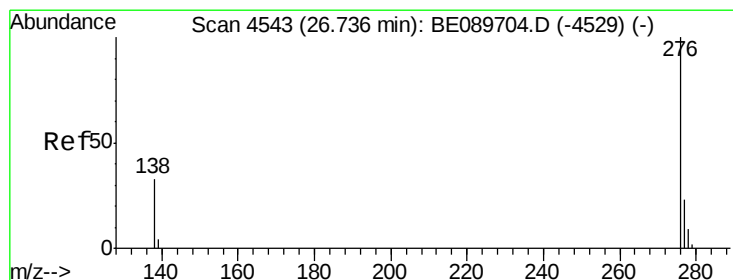
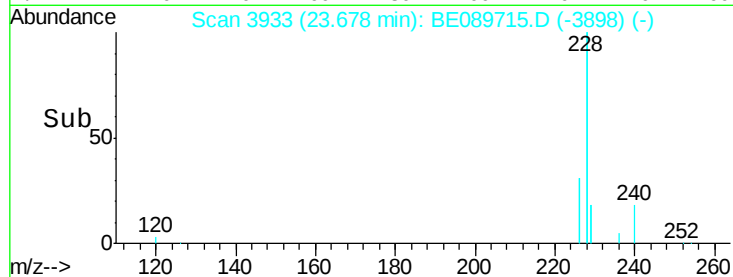
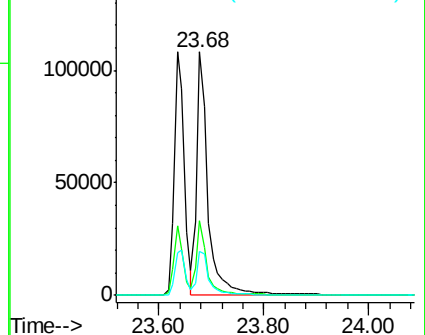
229 18.0 14.4 21.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#26

Indeno(1,2,3-cd)pyrene

Concen: 1.02 ng

RT: 26.74 min Scan# 4543

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

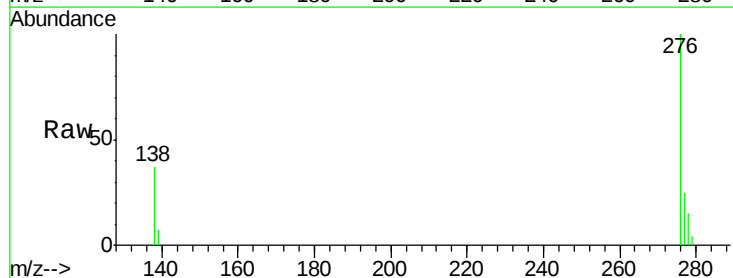
Tgt Ion:276 Resp: 23543

Ion Ratio Lower Upper

276 100

138 36.6 29.8 44.6

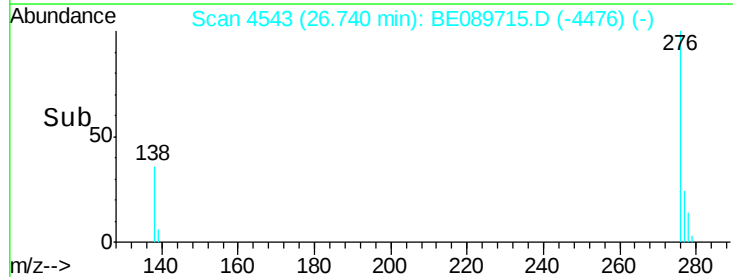
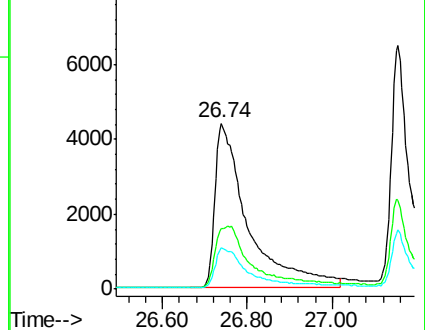
277 22.9 19.8 29.6

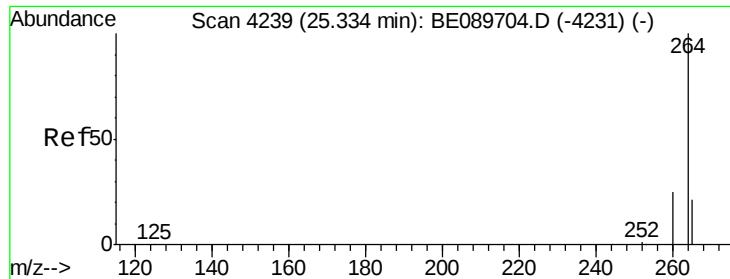


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

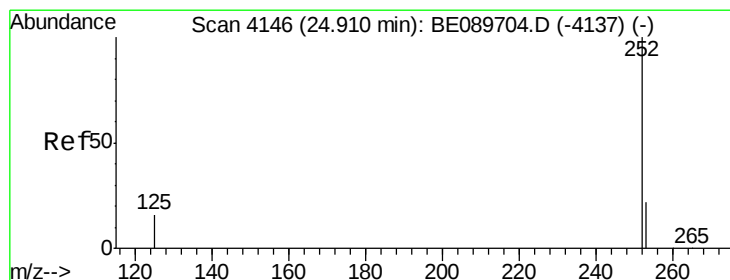
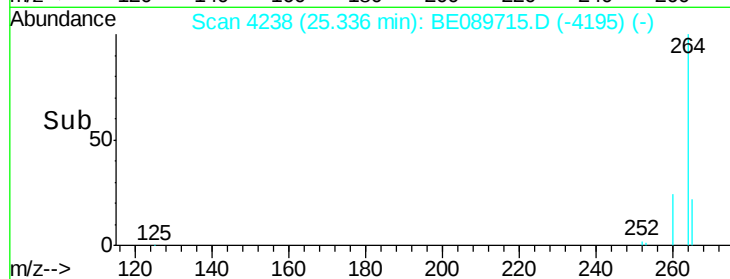
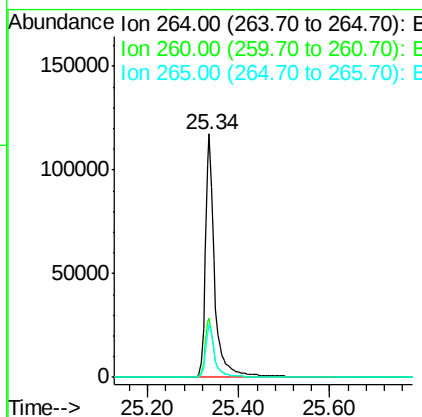
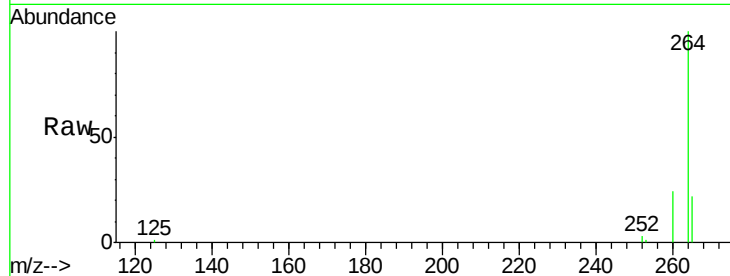




#27  
**Perylene-d12**  
 Concen: 5.00 ng  
 RT: 25.34 min Scan# 4238  
 Delta R.T. 0.00 min  
 Lab File: BE089715.D  
 Acq: 27 Feb 2015 7:14

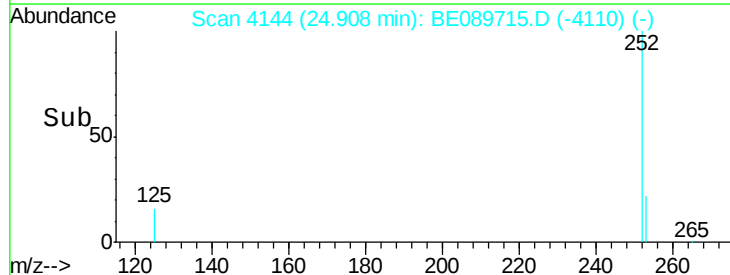
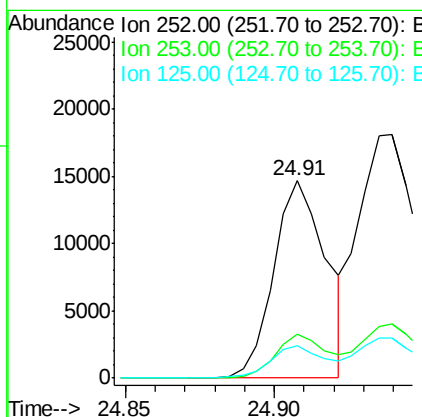
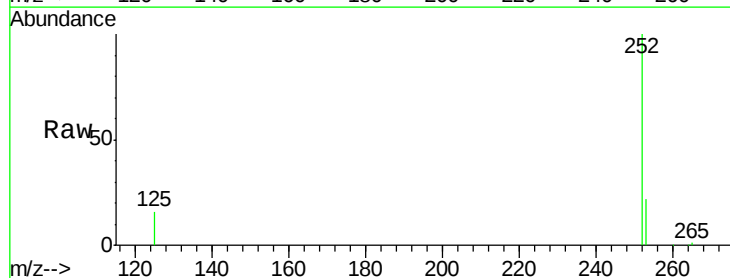
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001EC

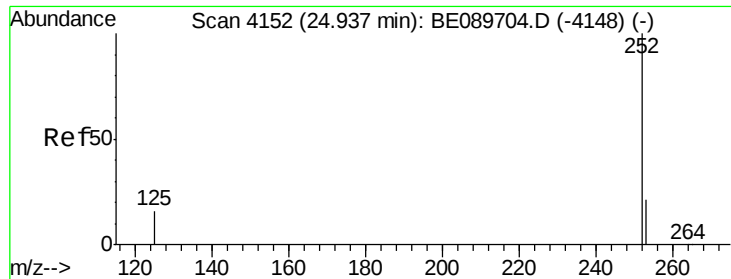
Tgt Ion: 264 Resp: 165659  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 20.2 30.2  
 265 21.7 16.9 25.3



#28  
**Benzo(b)fluoranthene**  
 Concen: 0.96 ng  
 RT: 24.91 min Scan# 4144  
 Delta R.T. -0.00 min  
 Lab File: BE089715.D  
 Acq: 27 Feb 2015 7:14

Tgt Ion: 252 Resp: 17731  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.8 26.6  
 125 16.1 12.9 19.3





#29

Benzo(k)fluoranthene

Concen: 0.95 ng

RT: 24.94 min Scan# 4151

Delta R.T. 0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC

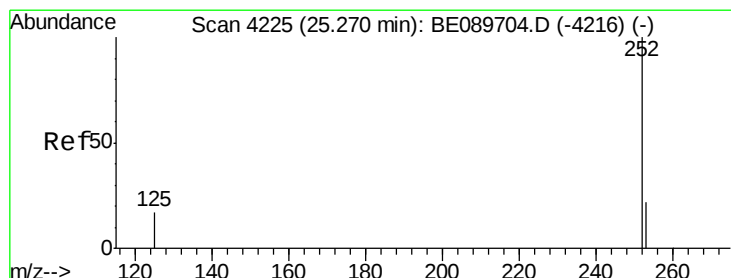
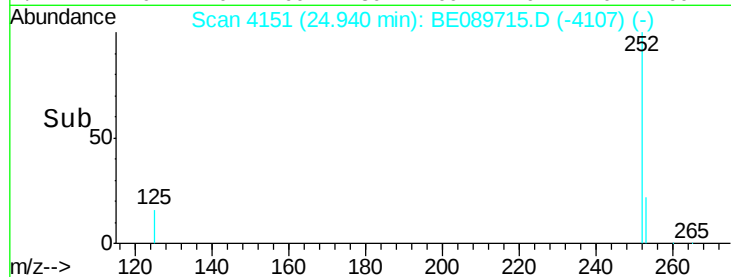
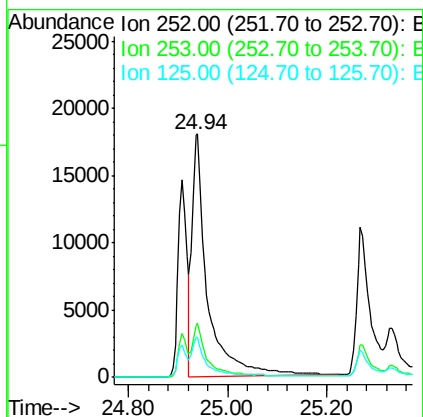
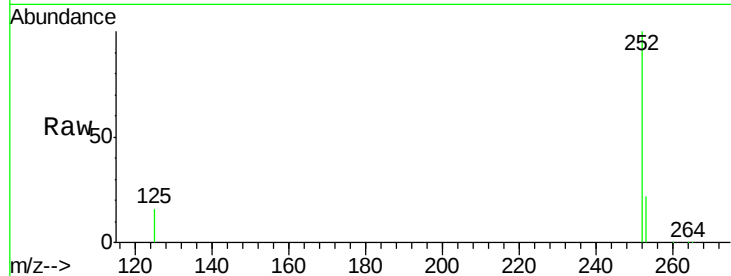
Tgt Ion:252 Resp: 38679

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 16.2 12.9 19.3



#30

Benzo(a)pyrene

Concen: 0.96 ng

RT: 25.27 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BE089715.D

Acq: 27 Feb 2015 7:14

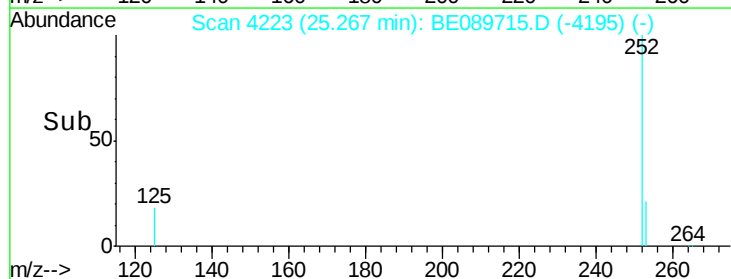
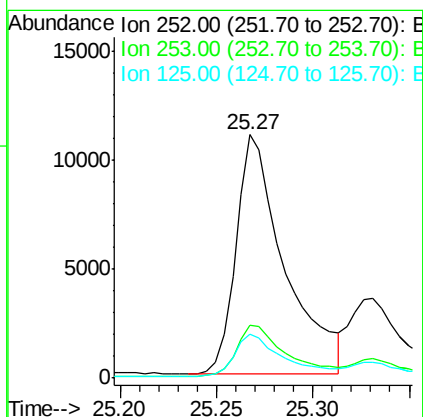
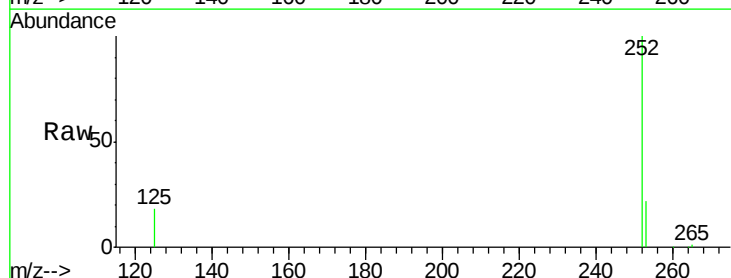
Tgt Ion:252 Resp: 19162

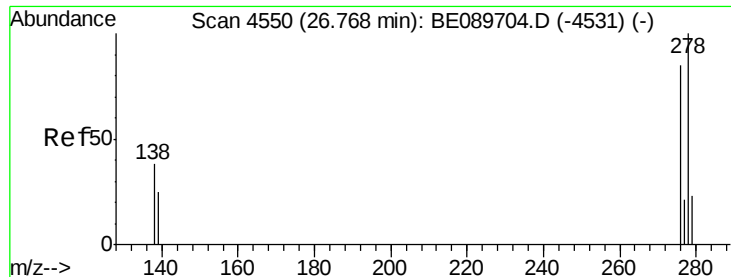
Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 18.1 14.0 21.0





#31

Dibenzo(a,h)anthracene

Concen: 1.01 ng

RT: 26.77 min Scan# 4549

Delta R.T. 0.00 min

Lab File: BE089715.D

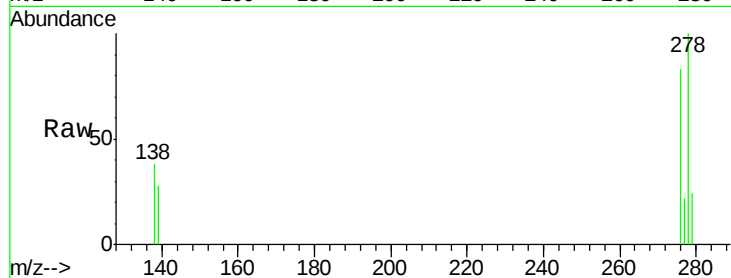
Acq: 27 Feb 2015 7:14

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 278 Resp: 17961

Ion Ratio Lower Upper

278 100

139 28.5 21.1 31.7

279 23.8 19.3 28.9

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

