

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080515\  
 Data File : BE090363.D  
 Acq On : 5 Aug 2015 17:27  
 Operator : TP/UM  
 Sample : SSTDICC0.5  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Quant Time: Aug 06 01:48:36 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 01:43:02 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 36930    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.34 | 136  | 165584   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.20 | 164  | 95761    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.94 | 188  | 232120   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12          | 21.10 | 240  | 274875   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12          | 23.40 | 264  | 258344   | 5.00 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.22  | 112 | 1557  | 0.23 | ng | 0.00 |
| 5) Phenol-d6                | 6.78  | 99  | 3848  | 0.44 | ng | 0.00 |
| 7) Nitrobenzene-d5          | 8.74  | 82  | 4817  | 0.49 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol    | 15.71 | 330 | 617   | 0.55 | ng | 0.00 |
| 14) 2-Fluorobiphenyl        | 12.83 | 172 | 12025 | 0.44 | ng | 0.00 |
| 27) Terphenyl-d14           | 19.56 | 244 | 17623 | 0.35 | ng | 0.00 |

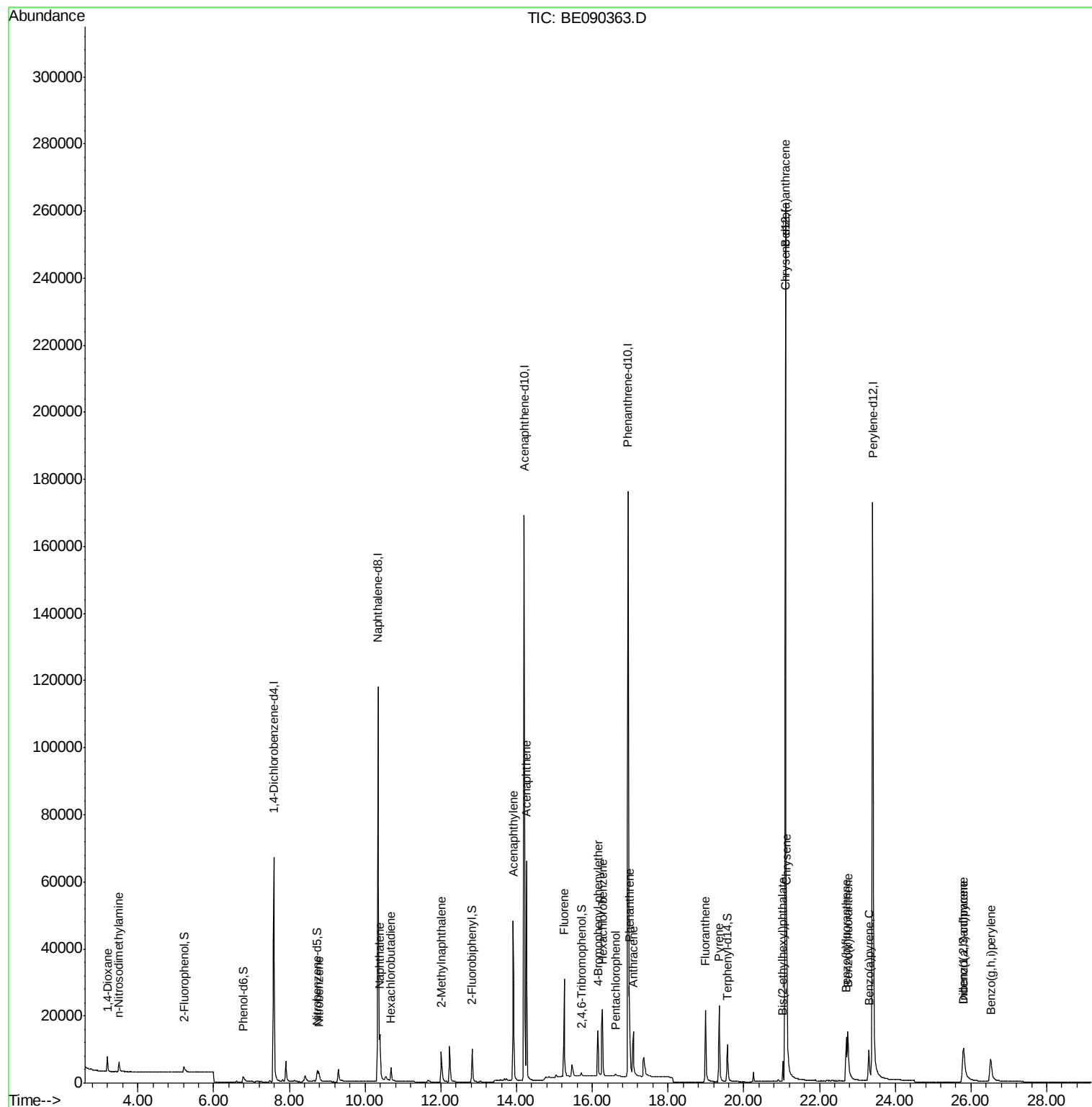
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.20  | 88  | 2665  | 0.44   | ng | 93    |
| 3) n-Nitrosodimethylamine      | 3.49  | 42  | 2776  | 0.45   | ng | # 98  |
| 8) Nitrobenzene                | 8.77  | 77  | 4843  | 0.48   | ng | 98    |
| 9) Naphthalene                 | 10.39 | 128 | 17299 | 0.48   | ng | 99    |
| 10) Hexachlorobutadiene        | 10.69 | 225 | 3021  | 0.61   | ng | 100   |
| 11) 2-Methylnaphthalene        | 12.02 | 142 | 9523  | 0.44   | ng | 97    |
| 15) Acenaphthylene             | 13.91 | 152 | 68593 | 0.41   | ng | 100   |
| 16) Acenaphthene               | 14.26 | 154 | 11227 | 0.46   | ng | 98    |
| 17) Fluorene                   | 15.26 | 166 | 14492 | 0.48   | ng | 98    |
| 19) 4-Bromophenyl-phenylether  | 16.14 | 248 | 4071  | 0.47   | ng | 99    |
| 20) Hexachlorobenzene          | 16.27 | 284 | 21774 | 0.63   | ng | 98    |
| 21) Pentachlorophenol          | 16.61 | 266 | 638   | 0.51   | ng | 94    |
| 22) Phenanthrene               | 16.98 | 178 | 27250 | 0.51   | ng | 99    |
| 23) Anthracene                 | 17.08 | 178 | 21402 | 0.45   | ng | 99    |
| 24) Fluoranthene               | 18.99 | 202 | 25013 | 0.47   | ng | 100   |
| 26) Pyrene                     | 19.35 | 202 | 25546 | 0.36   | ng | 100   |
| 28) Benzo(a)anthracene         | 21.09 | 228 | 26584 | 0.50   | ng | 98    |
| 29) Chrysene                   | 21.14 | 228 | 35108 | 0.51   | ng | 99    |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 5813  | 0.48   | ng | # 100 |
| 31) Indeno(1,2,3-cd)pyrene     | 25.79 | 276 | 21826 | 0.73   | ng | 98    |
| 33) Benzo(b)fluoranthene       | 22.70 | 252 | 20100 | 0.69   | ng | 99    |
| 34) Benzo(k)fluoranthene       | 22.75 | 252 | 29013 | 0.42   | ng | 99    |
| 35) Benzo(a)pyrene             | 23.30 | 252 | 17930 | 0.64   | ng | 98    |
| 36) Dibenzo(a,h)anthracene     | 25.81 | 278 | 15689 | 0.71   | ng | 100   |
| 37) Benzo(g,h,i)perylene       | 26.52 | 276 | 20017 | 0.61   | ng | 99    |

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

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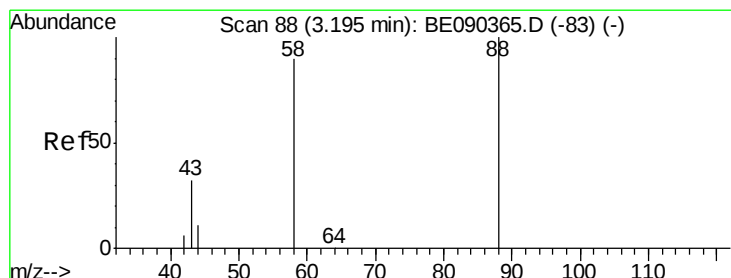
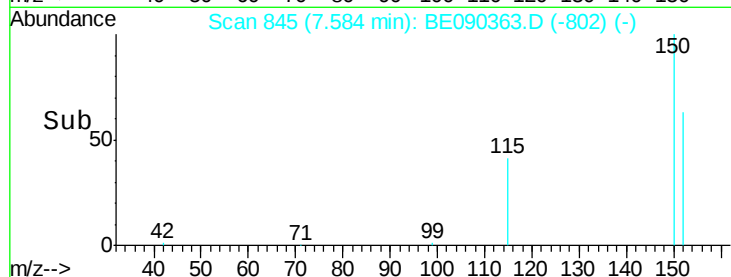
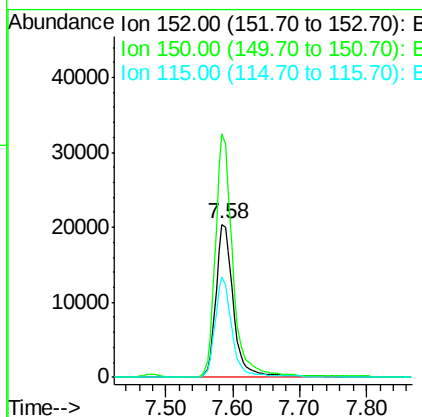
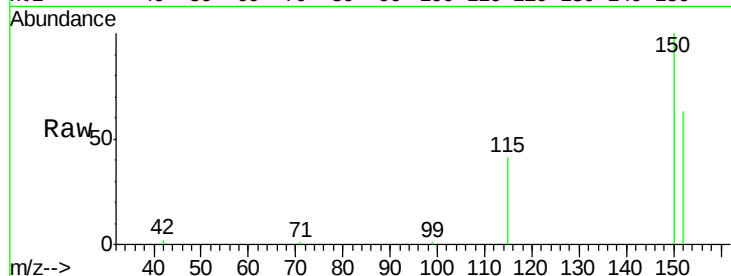


#1

1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.58 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BE090363.D  
Acq: 5 Aug 2015 17:27

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

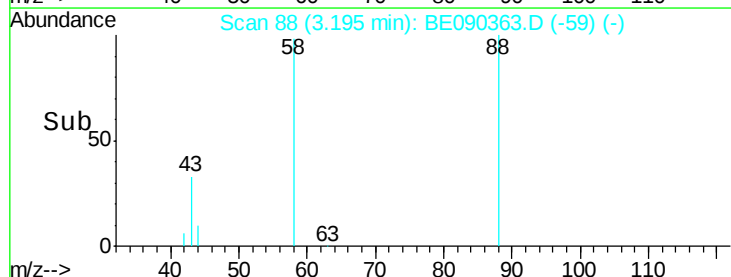
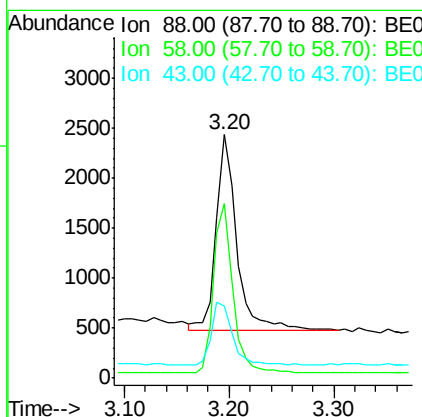
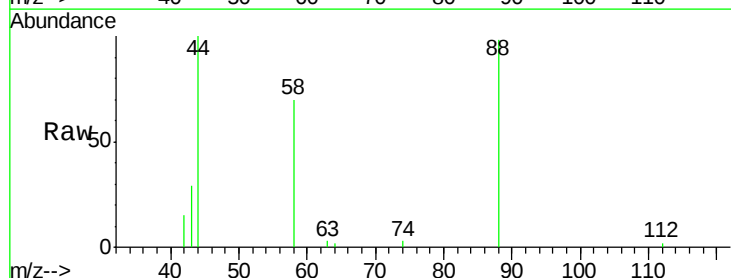
Tgt Ion:152 Resp: 36930  
Ion Ratio Lower Upper  
152 100  
150 158.9 123.0 184.4  
115 65.1 48.9 73.3



#2

1,4-Dioxane  
Concen: 0.44 ng  
RT: 3.20 min Scan# 88  
Delta R.T. 0.00 min  
Lab File: BE090363.D  
Acq: 5 Aug 2015 17:27

Tgt Ion: 88 Resp: 2665  
Ion Ratio Lower Upper  
88 100  
58 80.3 70.0 105.0  
43 32.0 28.4 42.6



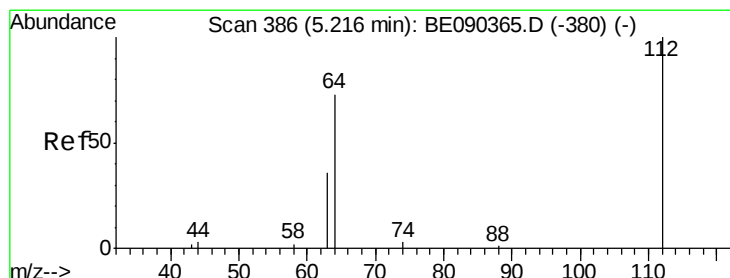
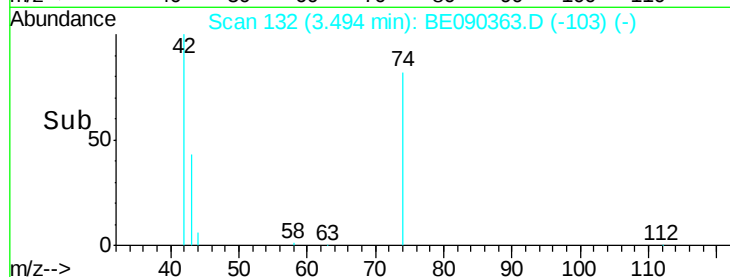
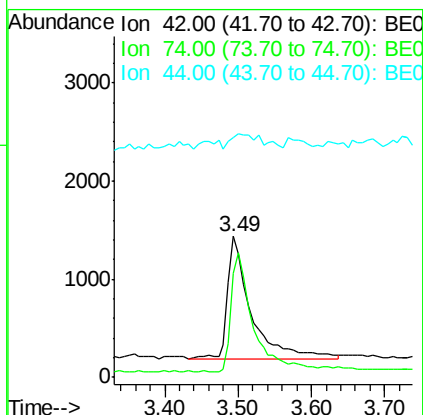
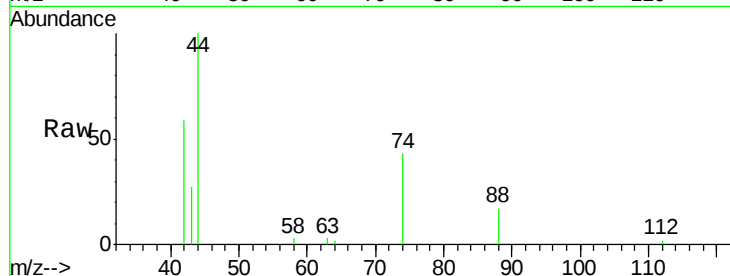


#3

n-Nitrosodimethylamine  
 Concen: 0.45 ng  
 RT: 3.49 min Scan# 132  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

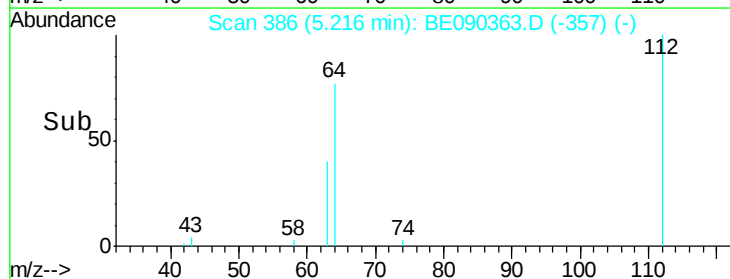
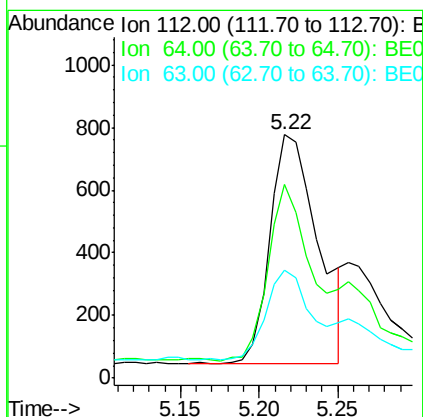
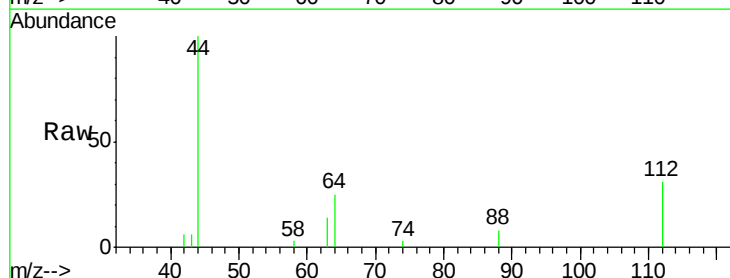
Tgt Ion: 42 Resp: 2776  
 Ion Ratio Lower Upper  
 42 100  
 74 93.4 75.2 112.8  
 44 16.9 8.7 13.1#

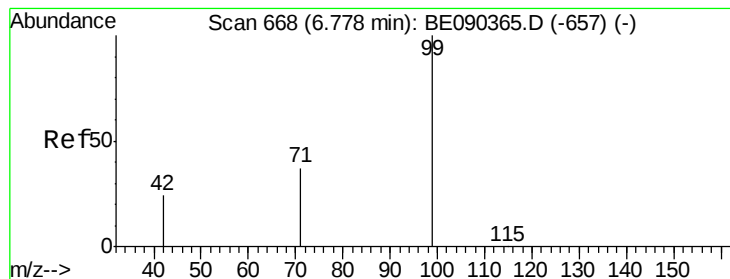


#4

2-Fluorophenol  
 Concen: 0.23 ng  
 RT: 5.22 min Scan# 386  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

Tgt Ion: 112 Resp: 1557  
 Ion Ratio Lower Upper  
 112 100  
 64 67.1 37.1 55.7#  
 63 36.2 19.5 29.3#





#5

Phenol-d6

Concen: 0.44 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

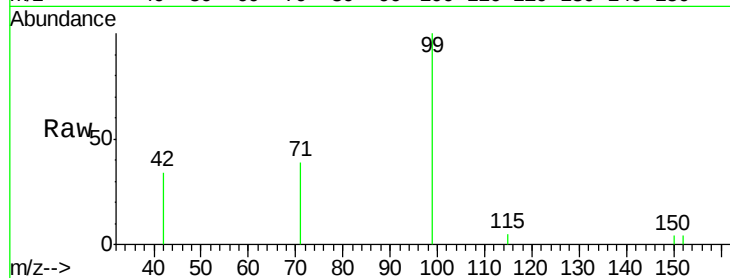
Tgt Ion: 99 Resp: 3848

Ion Ratio Lower Upper

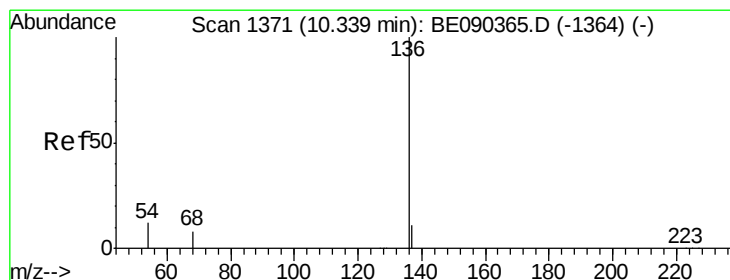
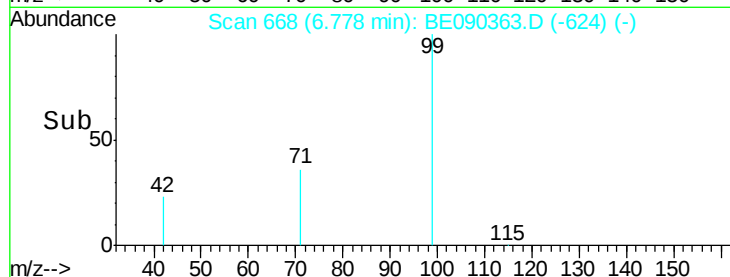
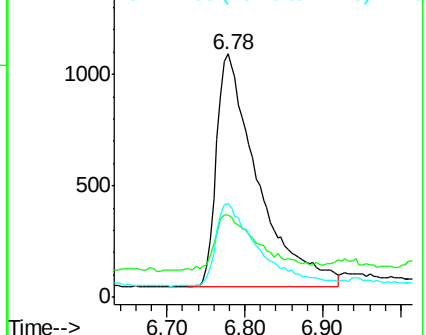
99 100

42 25.1 18.2 27.4

71 36.3 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0  
Ion 42.00 (41.70 to 42.70): BE0  
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Tgt Ion: 136 Resp: 165584

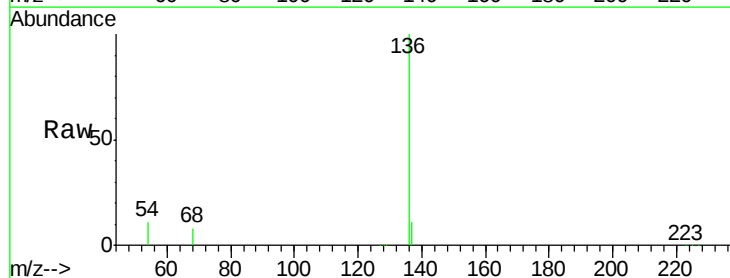
Ion Ratio Lower Upper

136 100

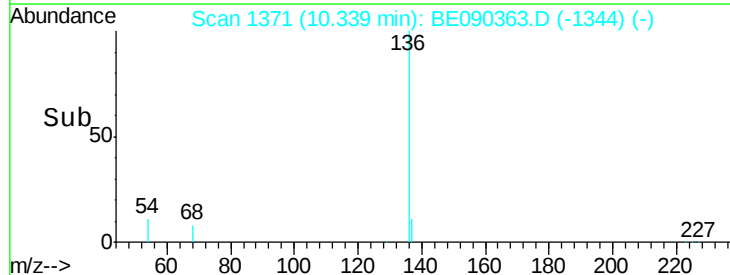
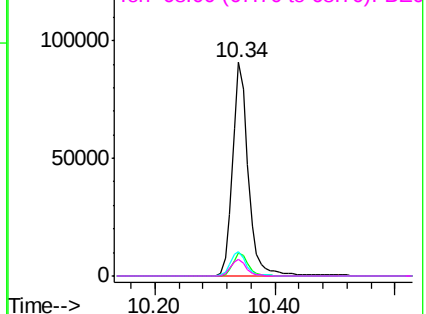
137 10.7 8.7 13.1

54 11.4 9.4 14.0

68 7.8 6.5 9.7



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





#7

Nitrobenzene-d5

Concen: 0.49 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

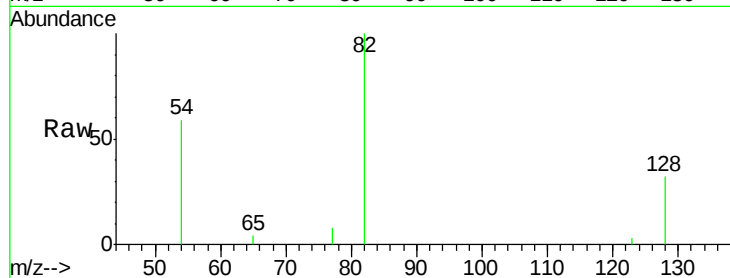
Tgt Ion: 82 Resp: 4817

Ion Ratio Lower Upper

82 100

128 32.5 25.0 37.6

54 58.9 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.74

2000

1500

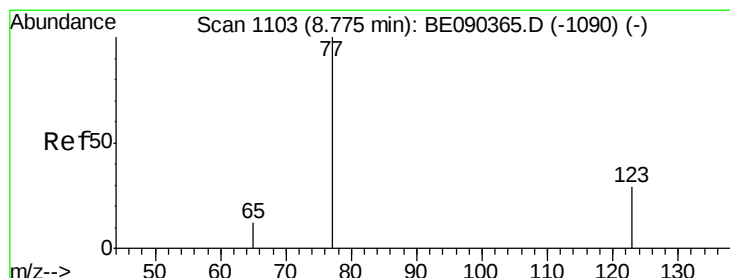
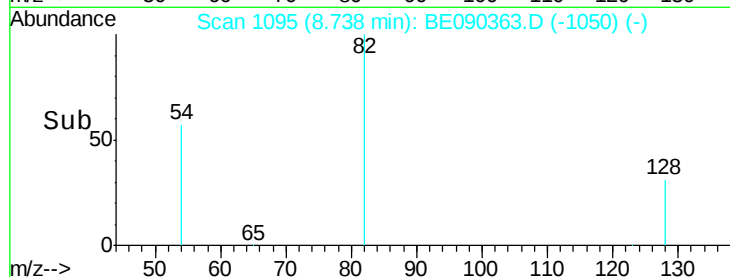
1000

500

0

8.60 8.70 8.80 8.90

Time-->



#8

Nitrobenzene

Concen: 0.48 ng

RT: 8.77 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

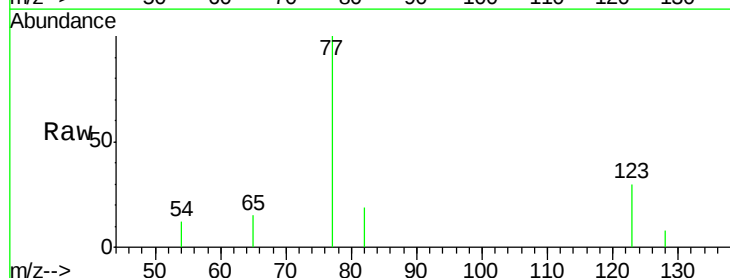
Tgt Ion: 77 Resp: 4843

Ion Ratio Lower Upper

77 100

123 29.9 25.1 37.7

65 12.0 9.3 13.9



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

8.77

2500

2000

1500

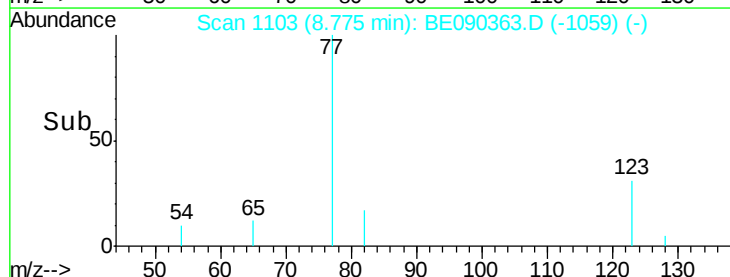
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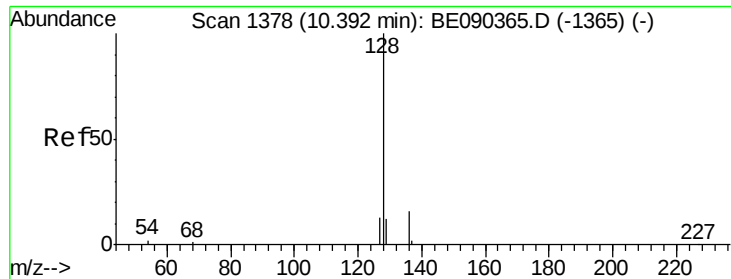
500

0

8.70 8.80 8.90

Time-->





#9

Naphthalene

Concen: 0.48 ng

RT: 10.39 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

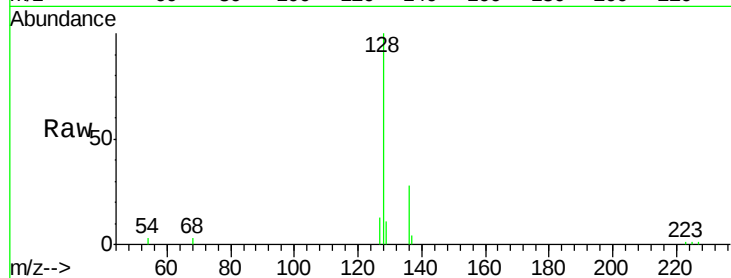
Tgt Ion:128 Resp: 17299

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

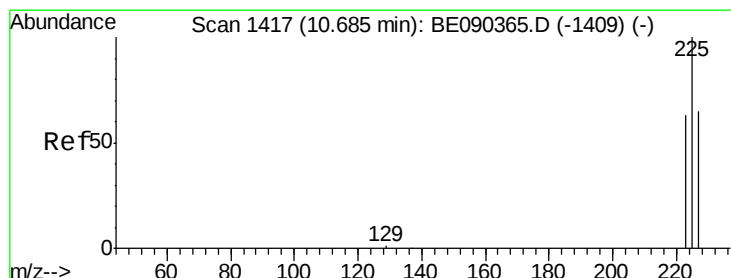
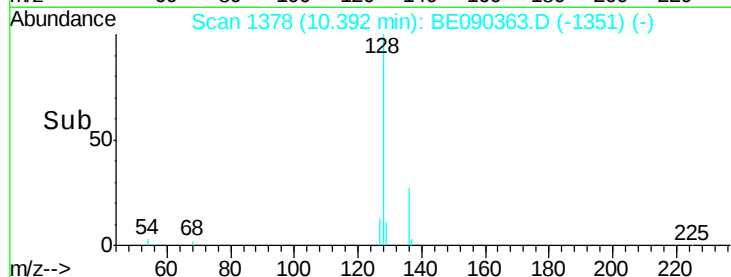
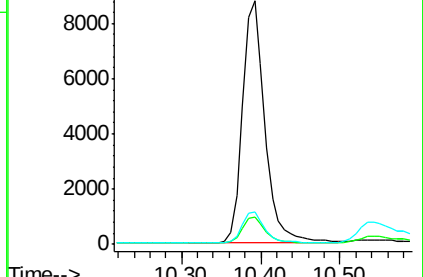
127 13.2 10.6 16.0



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: 0.61 ng

RT: 10.69 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

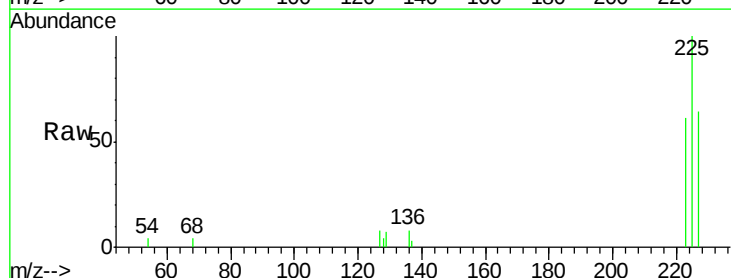
Tgt Ion:225 Resp: 3021

Ion Ratio Lower Upper

225 100

223 63.3 50.6 75.8

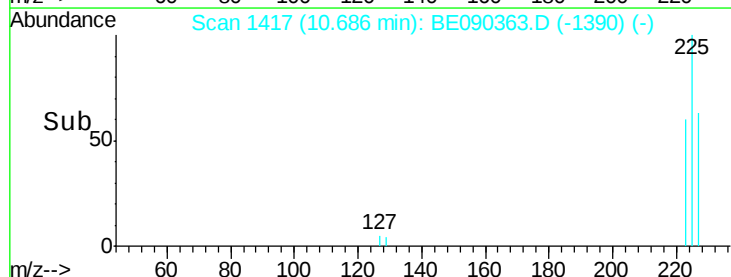
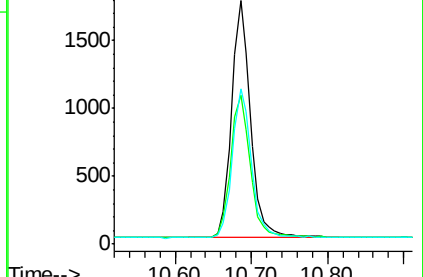
227 63.8 50.7 76.1

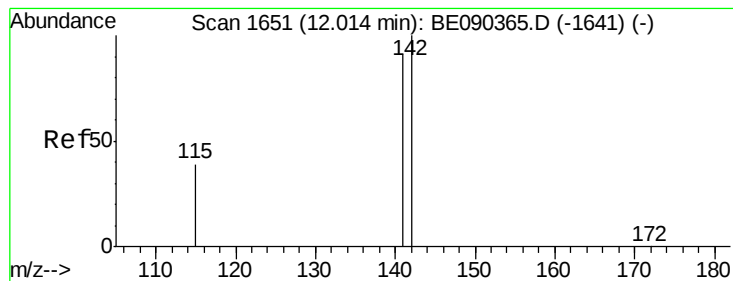


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.44 ng

RT: 12.02 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

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ClientSampleId :

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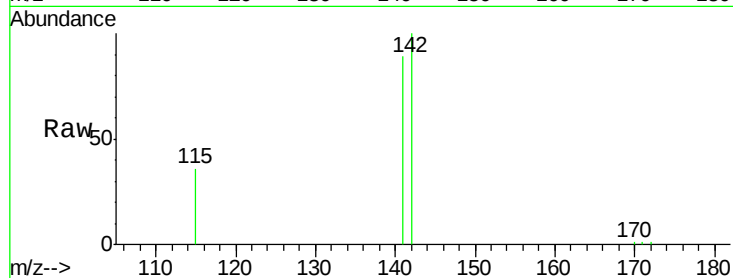
Tgt Ion:142 Resp: 9523

Ion Ratio Lower Upper

142 100

141 88.6 72.6 109.0

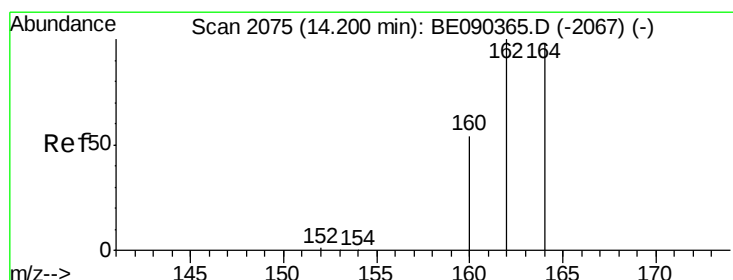
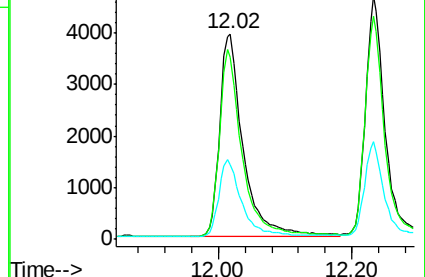
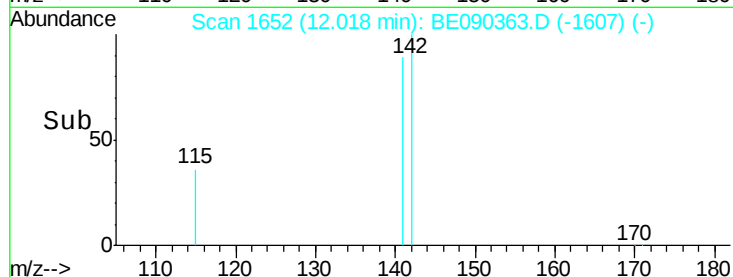
115 36.4 31.6 47.4



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: 14.20 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

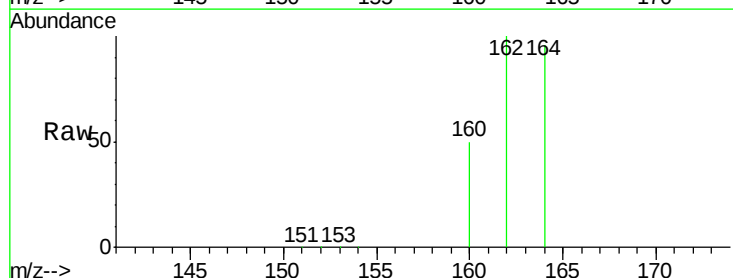
Tgt Ion:164 Resp: 95761

Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.8

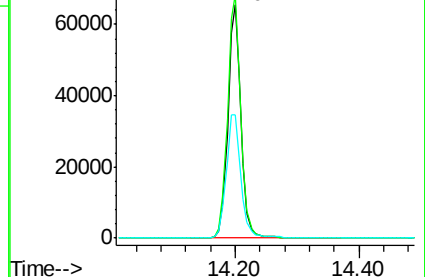
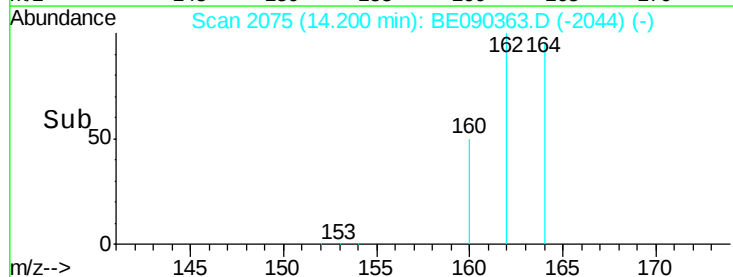
160 52.7 44.2 66.4



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

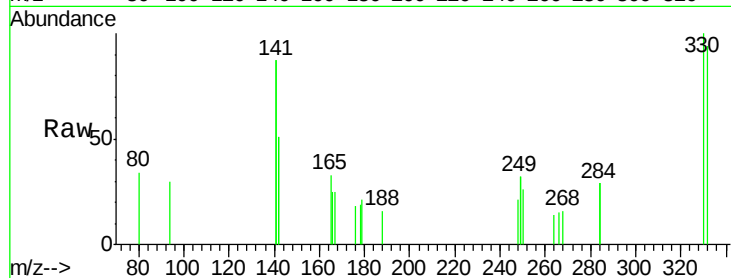




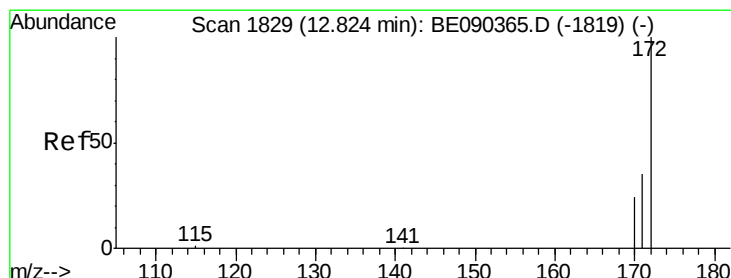
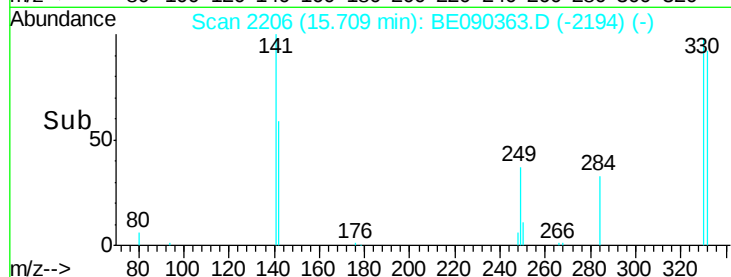
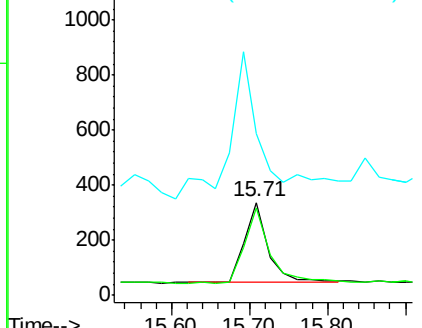
#13  
 2,4,6-Tribromophenol  
 Concen: 0.55 ng  
 RT: 15.71 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Tgt Ion: 330 Resp: 617  
 Ion Ratio Lower Upper  
 330 100  
 332 99.0 75.8 113.6  
 141 262.9 114.4 171.6#

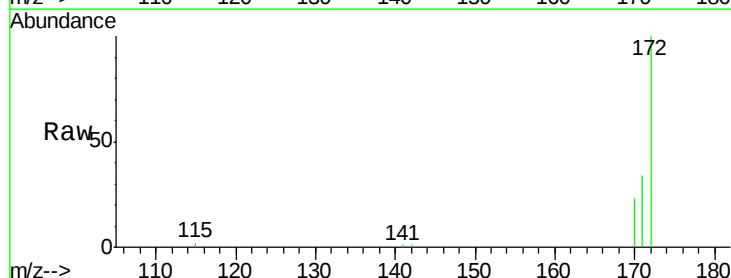


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

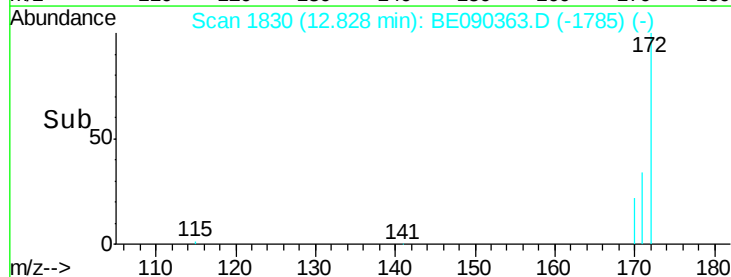
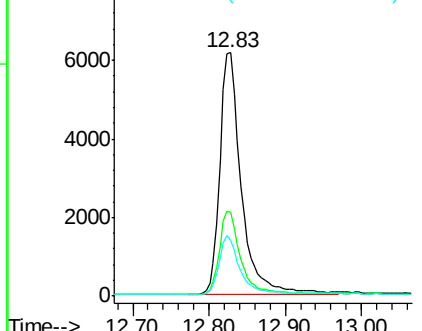


#14  
 2-Fluorobiphenyl  
 Concen: 0.44 ng  
 RT: 12.83 min Scan# 1830  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

Tgt Ion: 172 Resp: 12025  
 Ion Ratio Lower Upper  
 172 100  
 171 34.3 28.5 42.7  
 170 22.6 19.8 29.8



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





#15

Acenaphthylene

Concen: 0.41 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

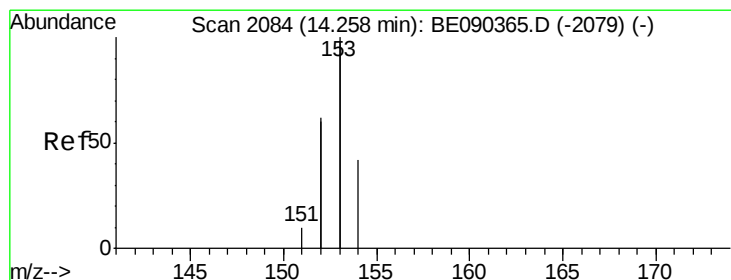
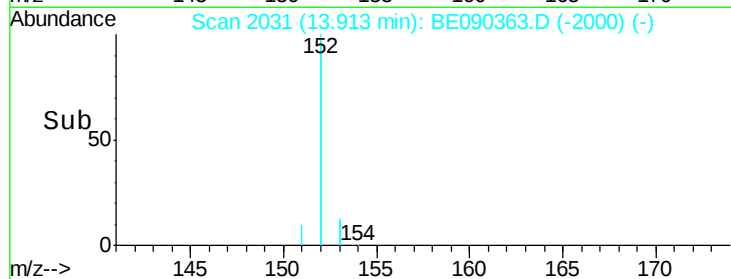
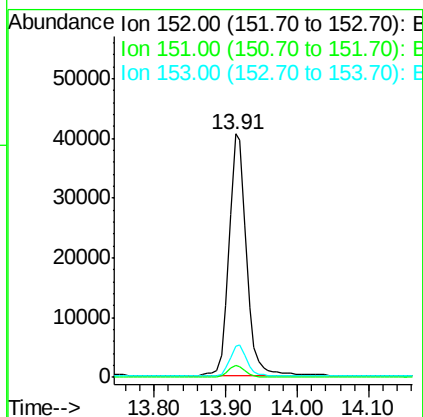
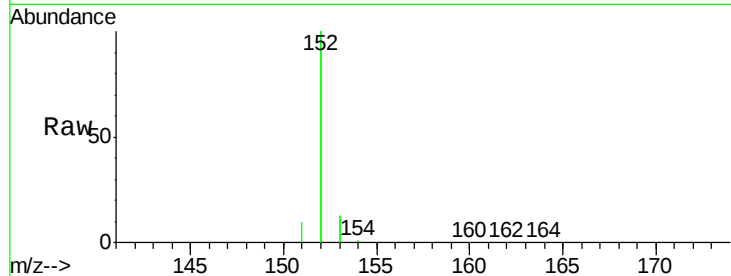
Tgt Ion:152 Resp: 68593

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

153 12.9 10.3 15.5



#16

Acenaphthene

Concen: 0.46 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

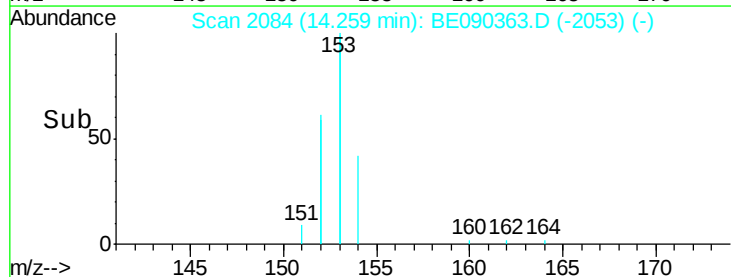
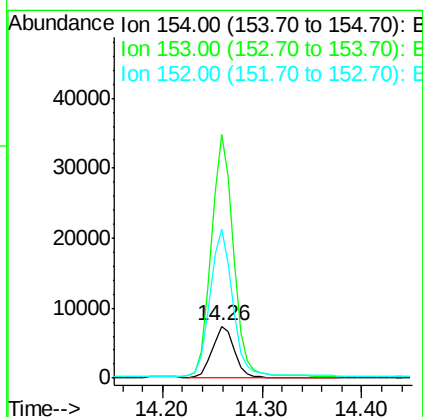
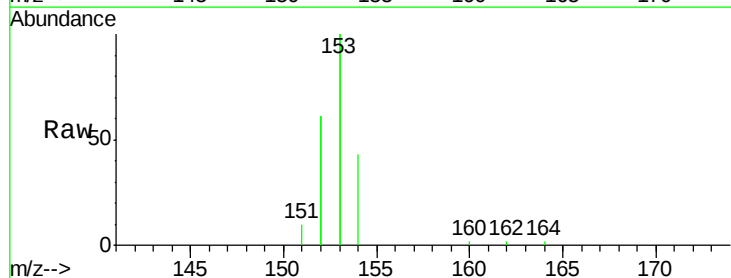
Tgt Ion:154 Resp: 11227

Ion Ratio Lower Upper

154 100

153 464.5 376.2 564.2

152 289.4 235.0 352.4





#17

Fluorene

Concen: 0.48 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

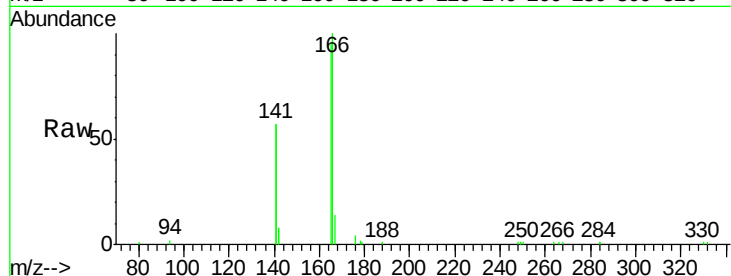
Tgt Ion:166 Resp: 14492

Ion Ratio Lower Upper

166 100

165 99.7 81.5 122.3

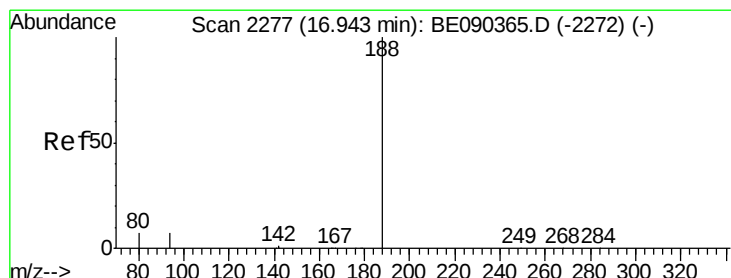
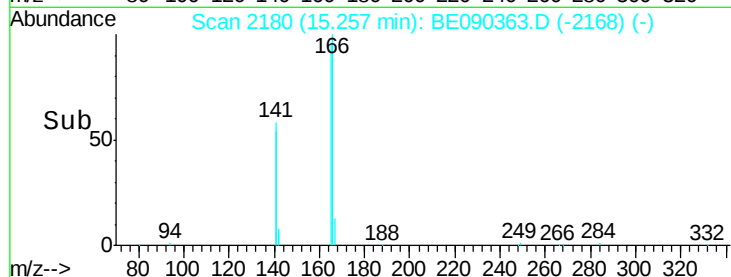
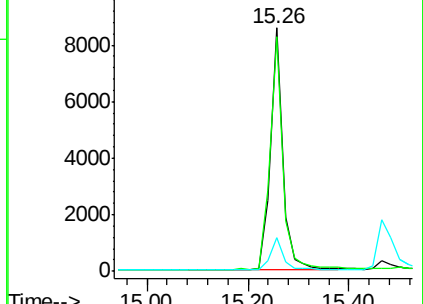
167 14.2 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

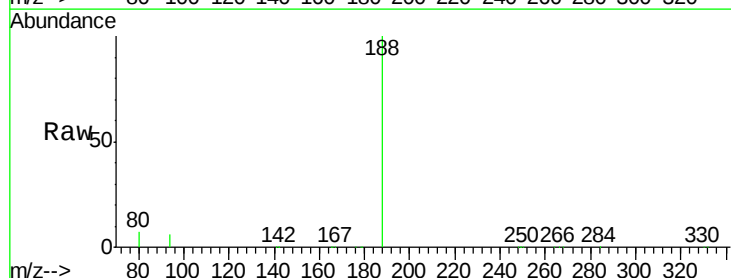
Tgt Ion:188 Resp: 232120

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

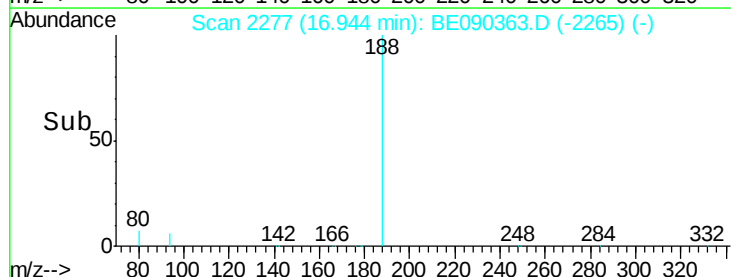
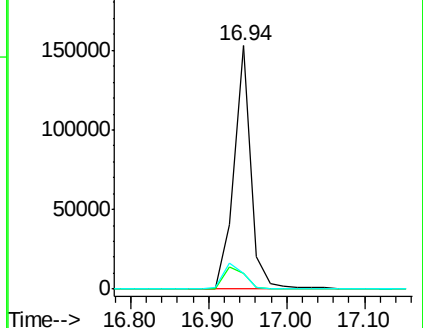
80 6.7 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

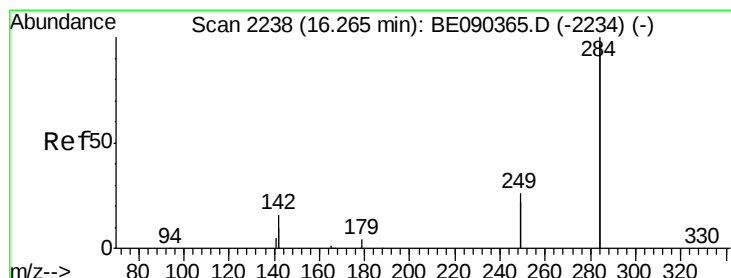
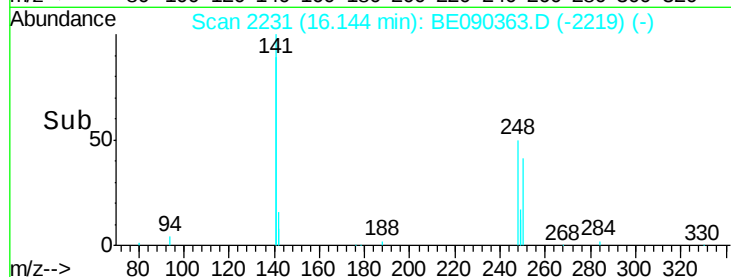
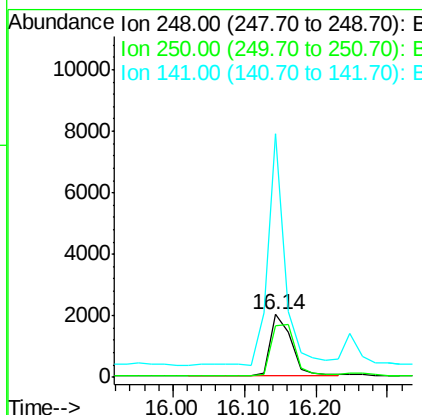
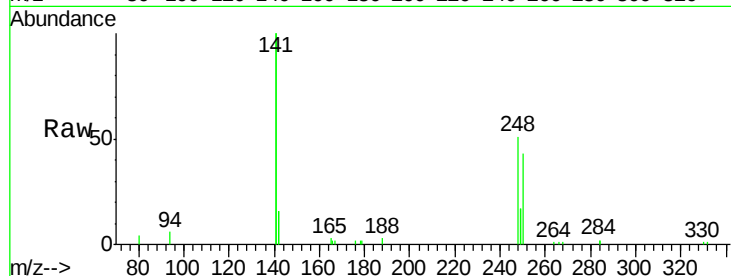




#19  
4-Bromophenyl-phenylether  
Concen: 0.47 ng  
RT: 16.14 min Scan# 2231  
Delta R.T. 0.00 min  
Lab File: BE090363.D  
Acq: 5 Aug 2015 17:27

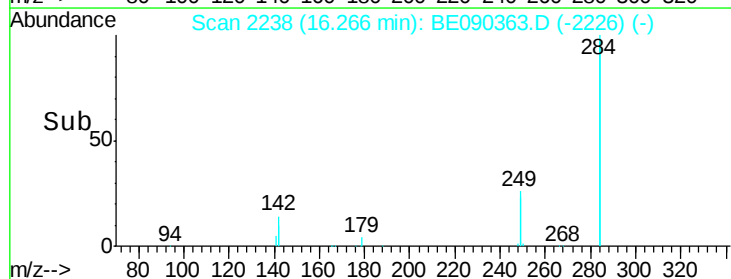
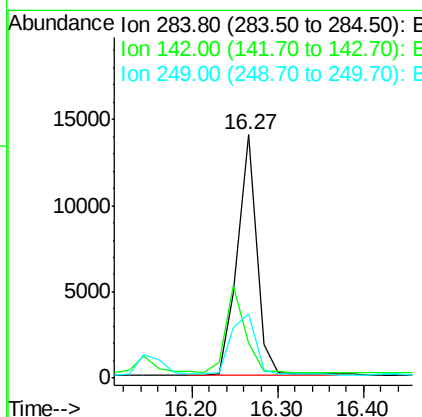
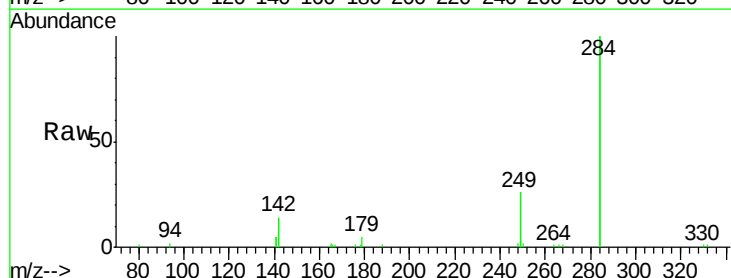
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.5

Tgt Ion:248 Resp: 4071  
Ion Ratio Lower Upper  
248 100  
250 97.0 79.0 118.6  
141 298.9 239.5 359.3



#20  
Hexachlorobenzene  
Concen: 0.63 ng  
RT: 16.27 min Scan# 2238  
Delta R.T. 0.00 min  
Lab File: BE090363.D  
Acq: 5 Aug 2015 17:27

Tgt Ion:284 Resp: 21774  
Ion Ratio Lower Upper  
284 100  
142 35.9 30.1 45.1  
249 32.0 25.7 38.5

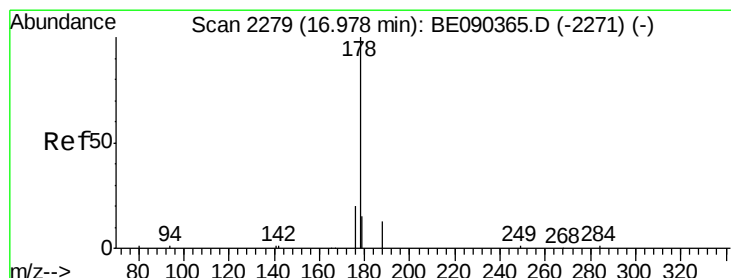
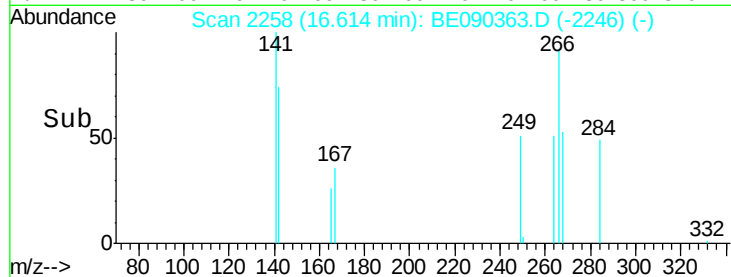
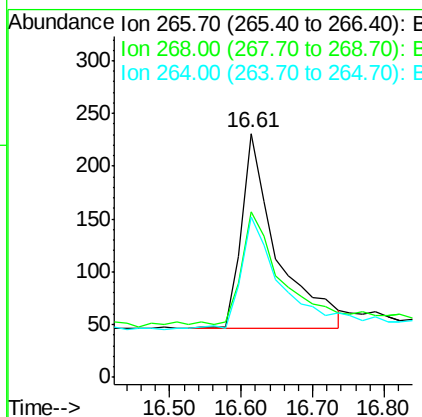
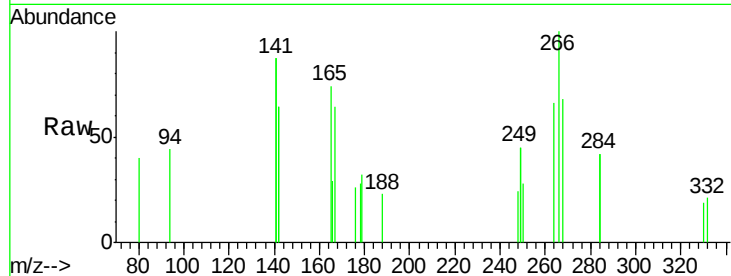




#21  
 Pentachlorophenol  
 Concen: 0.51 ng  
 RT: 16.61 min Scan# 2258  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

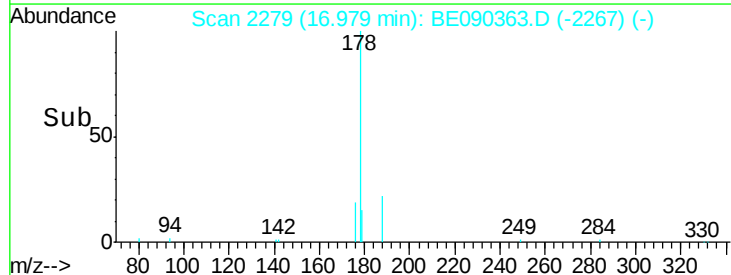
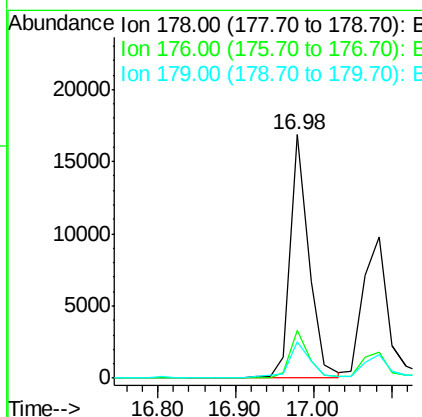
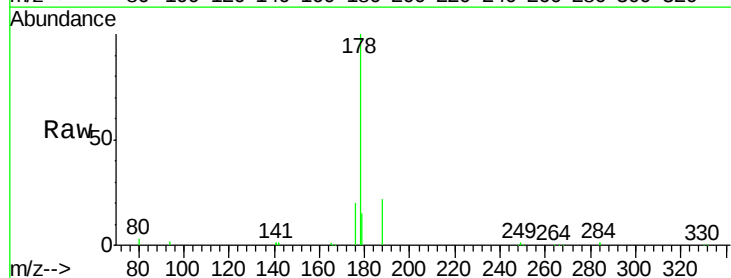
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Tgt Ion: 266 Resp: 638  
 Ion Ratio Lower Upper  
 266 100  
 268 68.0 58.5 87.7  
 264 65.8 56.0 84.0



#22  
 Phenanthrene  
 Concen: 0.51 ng  
 RT: 16.98 min Scan# 2279  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

Tgt Ion: 178 Resp: 27250  
 Ion Ratio Lower Upper  
 178 100  
 176 18.9 15.4 23.2  
 179 15.7 12.5 18.7





#23

Anthracene

Concen: 0.45 ng

RT: 17.08 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

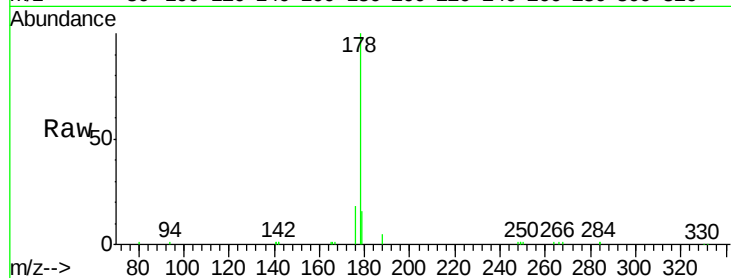
Tgt Ion:178 Resp: 21402

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

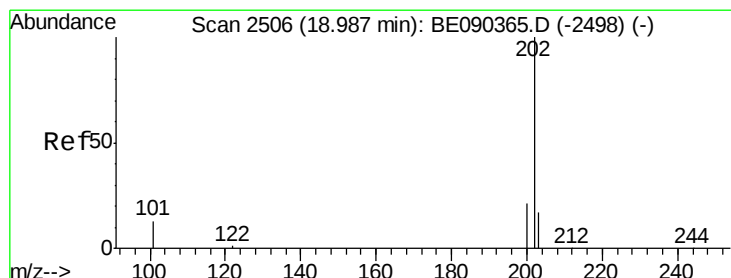
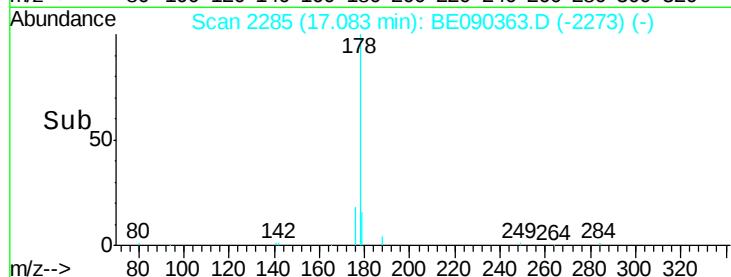
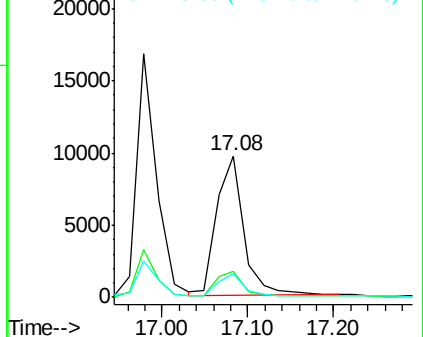
179 15.6 12.2 18.4



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



#24

Fluoranthene

Concen: 0.47 ng

RT: 18.99 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

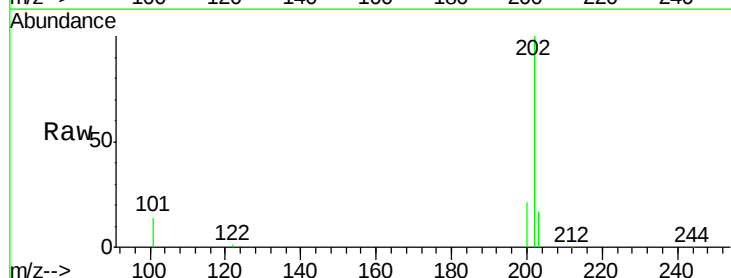
Tgt Ion:202 Resp: 25013

Ion Ratio Lower Upper

202 100

101 12.9 10.3 15.5

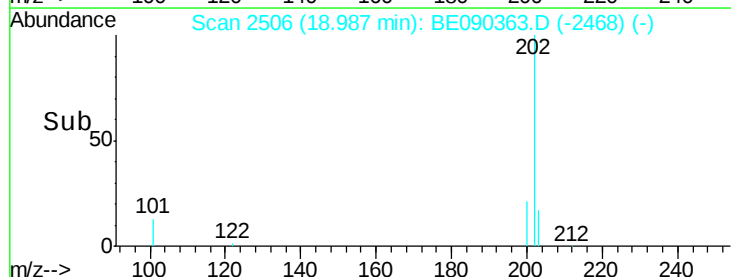
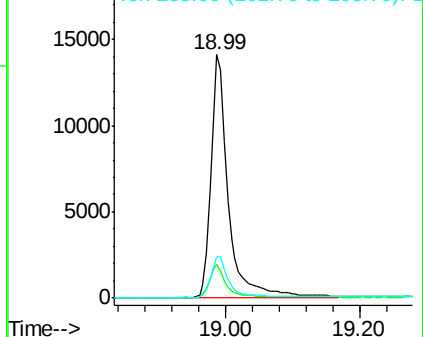
203 17.0 13.7 20.5



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

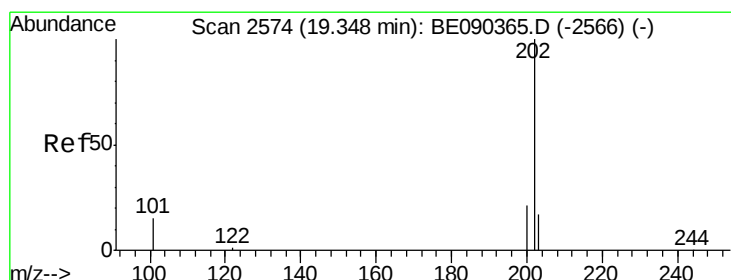
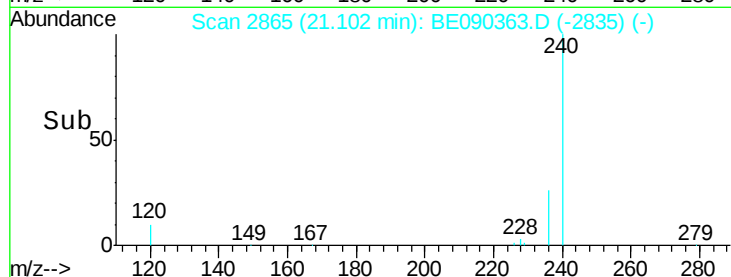
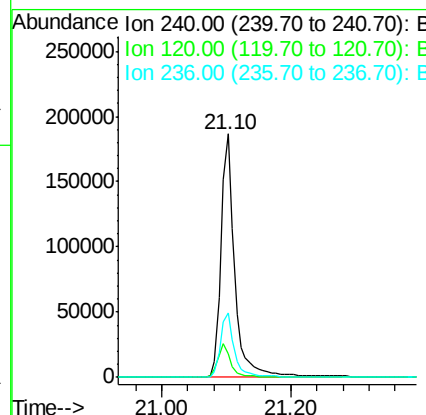
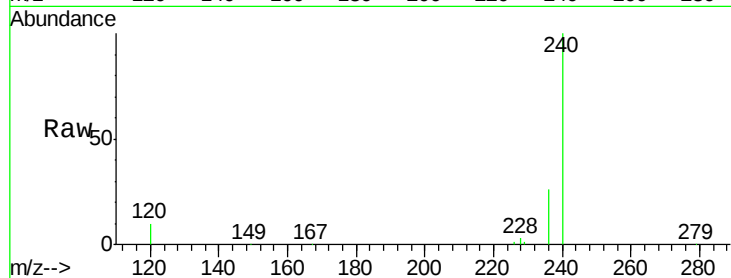




#25  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 21.10 min Scan# 2865  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

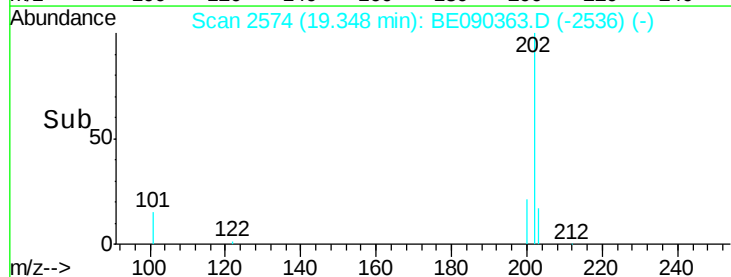
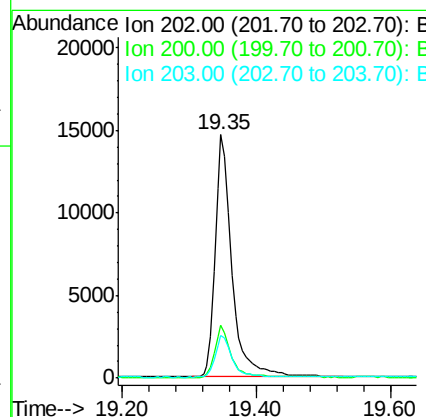
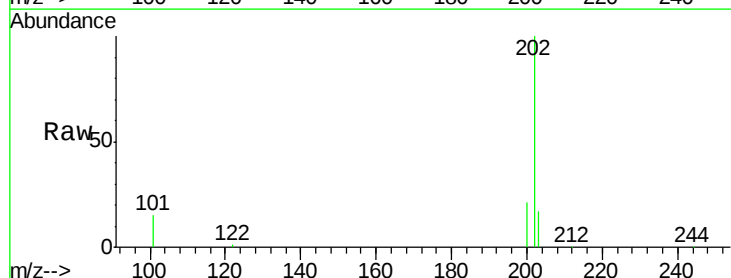
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Tgt Ion:240 Resp: 274875  
 Ion Ratio Lower Upper  
 240 100  
 120 9.6 8.3 12.5  
 236 26.4 21.0 31.4



#26  
 Pyrene  
 Concen: 0.36 ng  
 RT: 19.35 min Scan# 2574  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

Tgt Ion:202 Resp: 25546  
 Ion Ratio Lower Upper  
 202 100  
 200 20.7 16.7 25.1  
 203 17.3 13.8 20.8

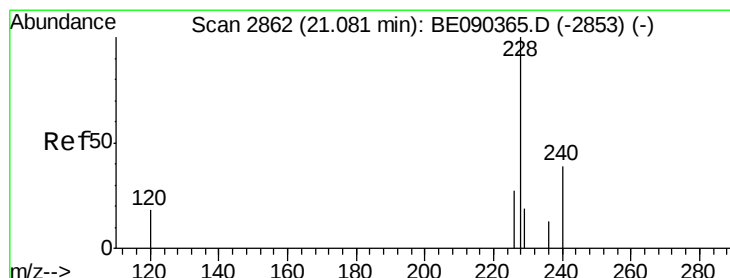
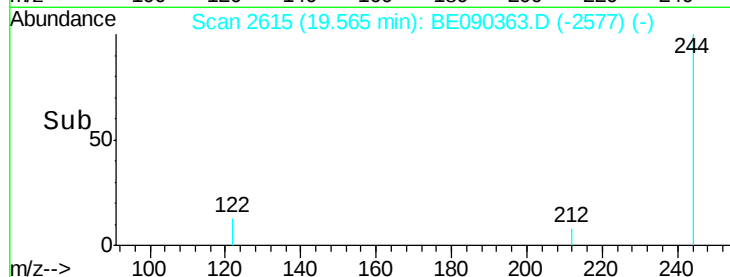
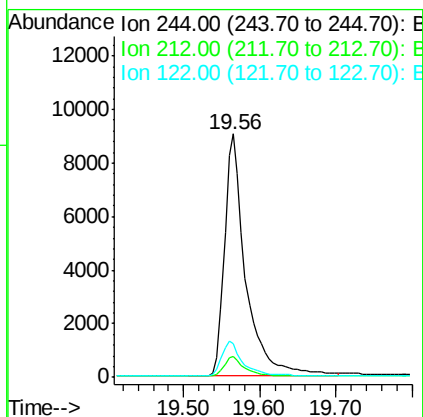
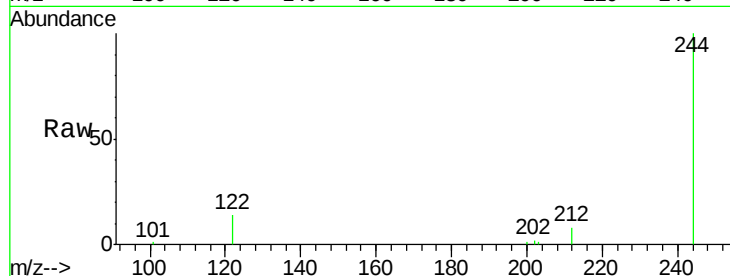




#27  
 Terphenyl-d14  
 Concen: 0.35 ng  
 RT: 19.56 min Scan# 2615  
 Delta R.T. 0.00 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

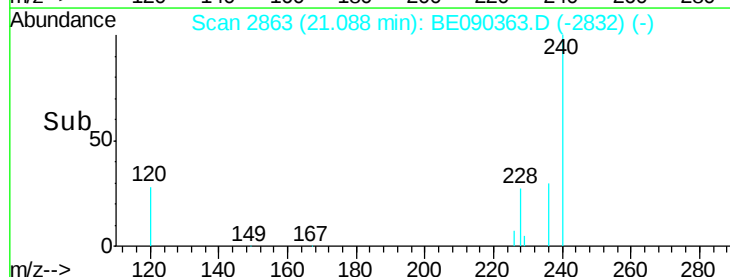
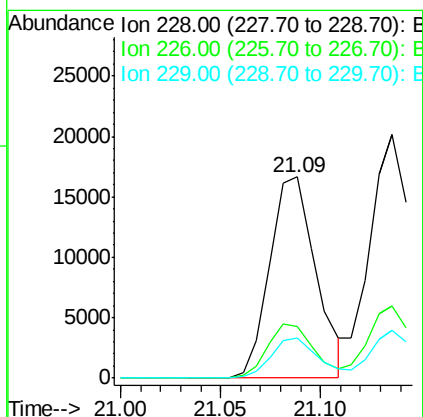
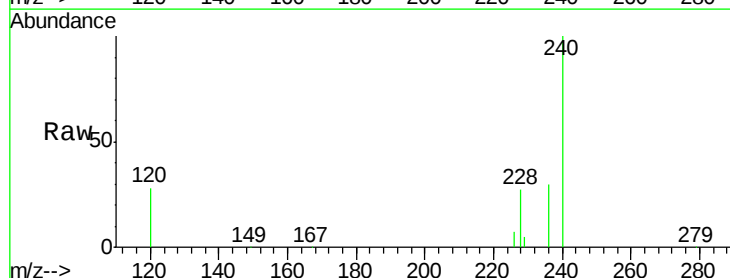
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.5

Tgt Ion: 244 Resp: 17623  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.6 9.8  
 122 13.6 10.2 15.4



#28  
 Benzo(a)anthracene  
 Concen: 0.50 ng  
 RT: 21.09 min Scan# 2863  
 Delta R.T. 0.01 min  
 Lab File: BE090363.D  
 Acq: 5 Aug 2015 17:27

Tgt Ion: 228 Resp: 26584  
 Ion Ratio Lower Upper  
 228 100  
 226 25.9 21.9 32.9  
 229 20.0 15.4 23.0





#29

Chrysene

Concen: 0.51 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

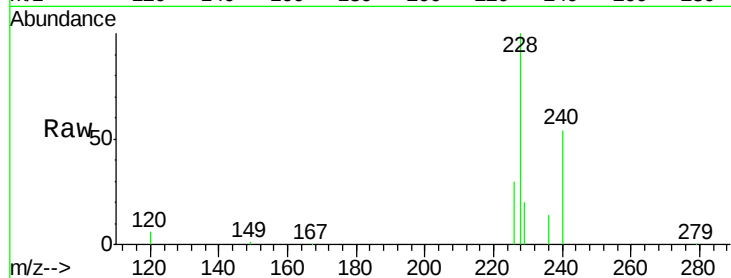
Tgt Ion:228 Resp: 35108

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

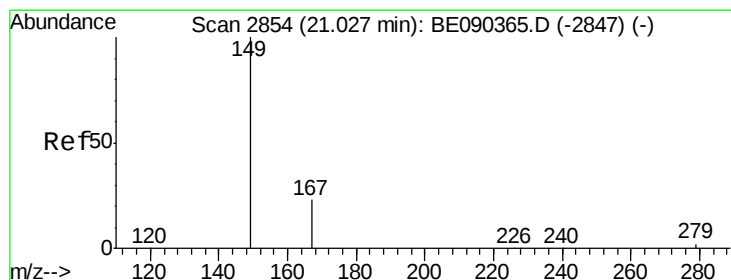
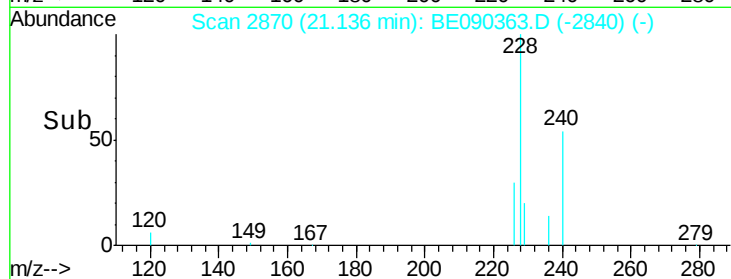
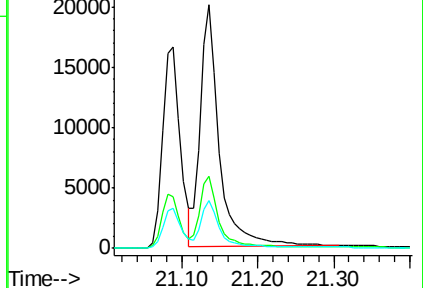
229 19.7 15.8 23.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.48 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

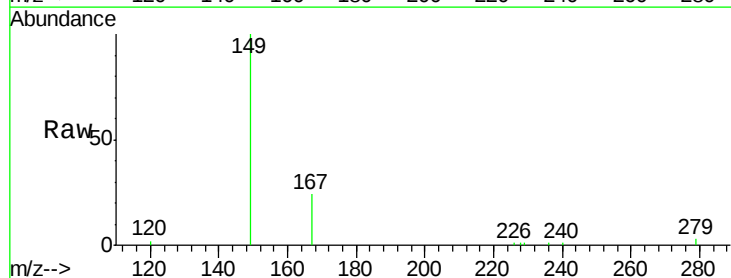
Tgt Ion:149 Resp: 5813

Ion Ratio Lower Upper

149 100

167 24.9 19.8 29.8

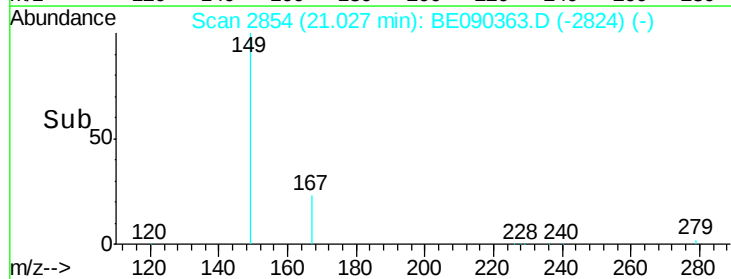
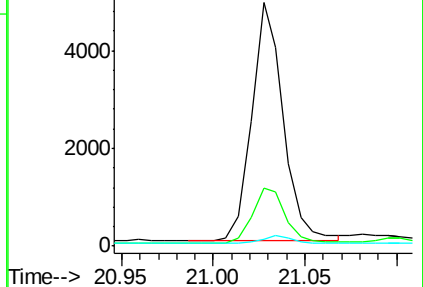
279 3.6 2.4 3.6#



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





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.73 ng

RT: 25.79 min Scan# 3828

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

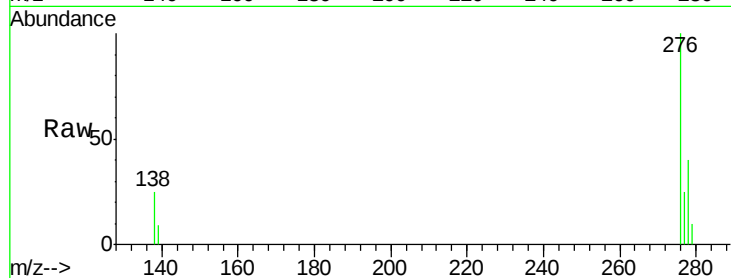
Tgt Ion:276 Resp: 21826

Ion Ratio Lower Upper

276 100

138 24.4 18.8 28.2

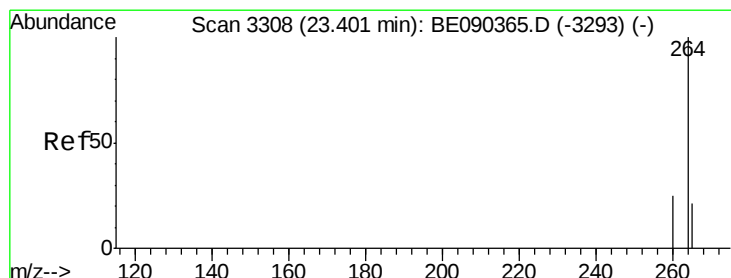
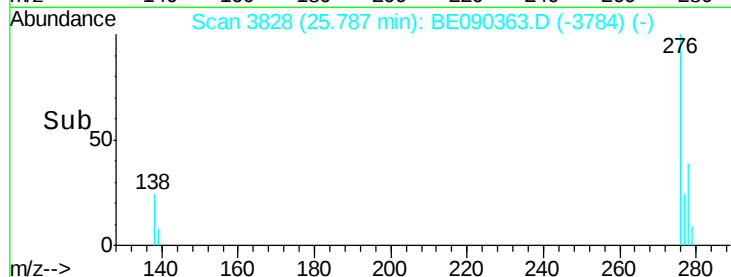
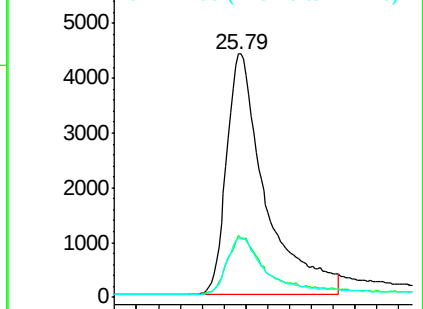
277 23.6 18.2 27.4



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

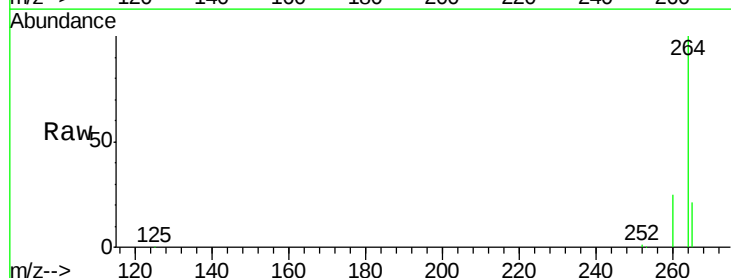
Tgt Ion:264 Resp: 258344

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

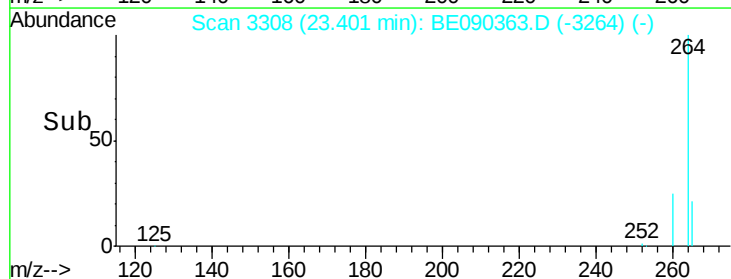
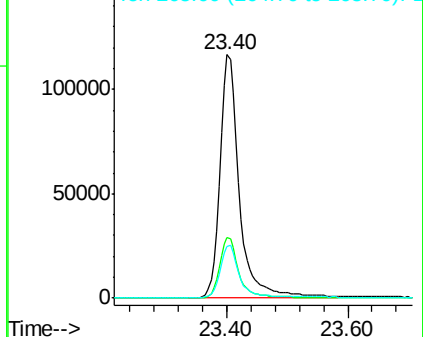
265 21.3 17.2 25.8

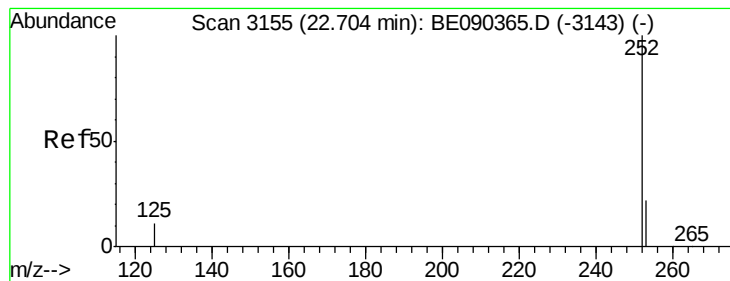


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.69 ng

RT: 22.70 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

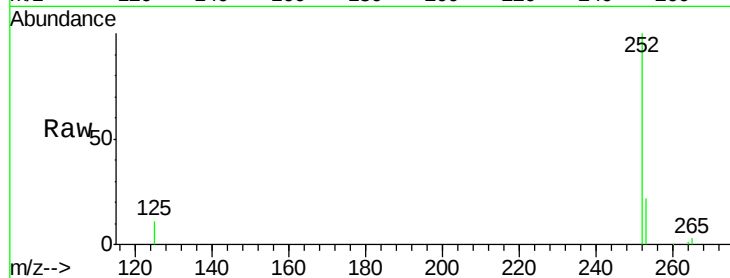
Tgt Ion:252 Resp: 20100

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

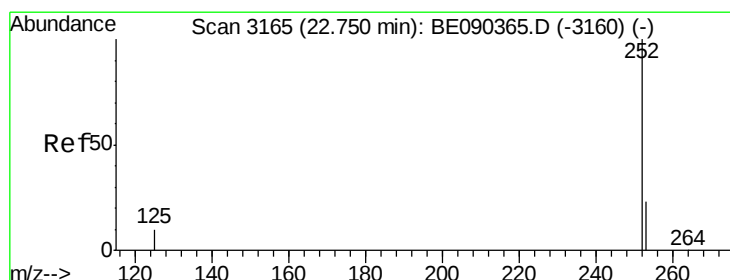
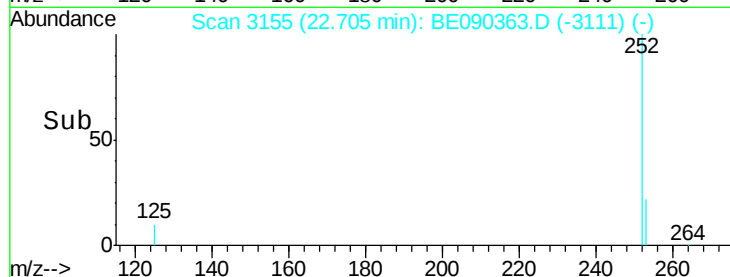
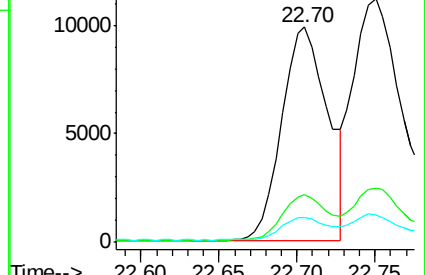
125 11.2 9.4 14.2



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



#34

Benzo(k)fluoranthene

Concen: 0.42 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

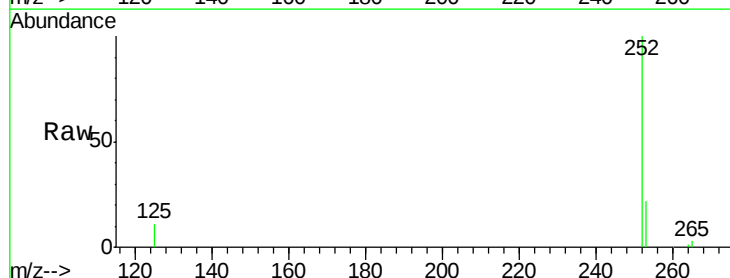
Tgt Ion:252 Resp: 29013

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

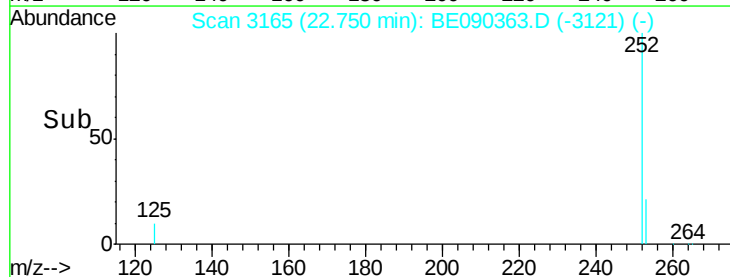
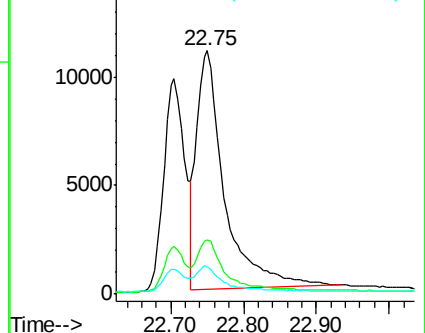
125 11.0 9.1 13.7



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





#35

Benzo(a)pyrene

Concen: 0.64 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5

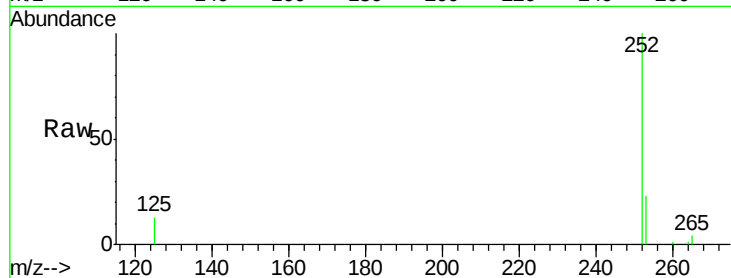
Tgt Ion:252 Resp: 17930

Ion Ratio Lower Upper

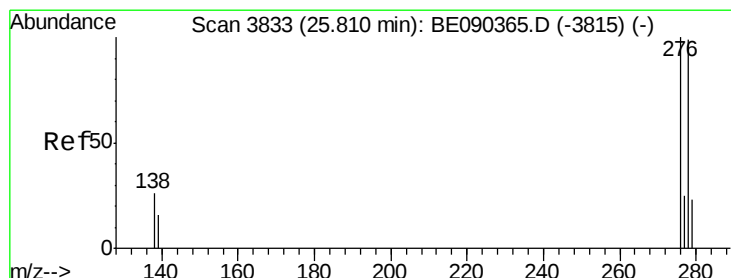
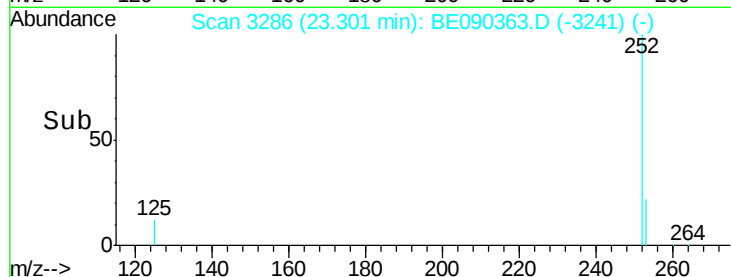
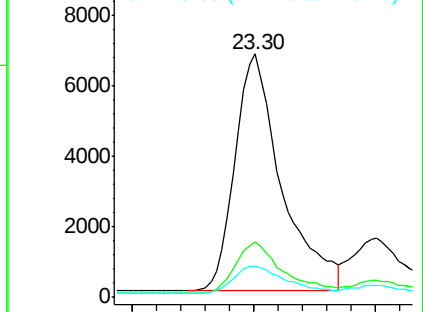
252 100

253 22.8 17.6 26.4

125 13.0 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



#36

Dibenzo(a,h)anthracene

Concen: 0.71 ng

RT: 25.81 min Scan# 3833

Delta R.T. 0.00 min

Lab File: BE090363.D

Acq: 5 Aug 2015 17:27

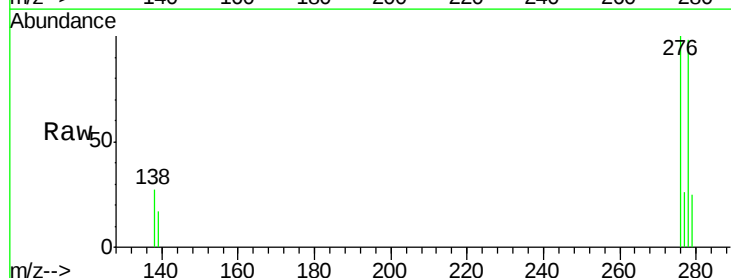
Tgt Ion:278 Resp: 15689

Ion Ratio Lower Upper

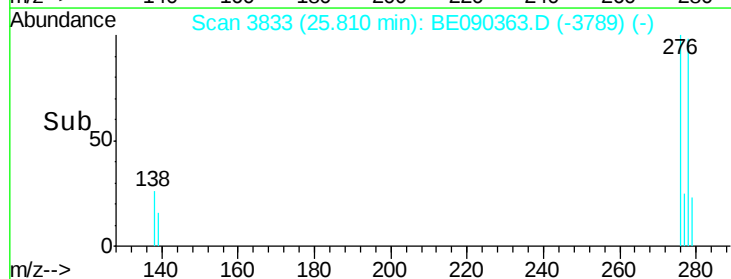
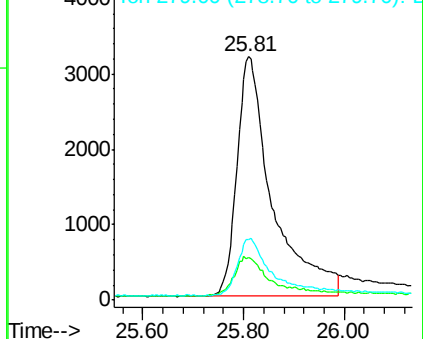
278 100

139 17.7 14.2 21.4

279 25.1 20.1 30.1



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





#37

Benzo(g,h,i)perylene

Concen: 0.61 ng

RT: 26.52 min Scan# 3988

Delta R.T. 0.00 min

Lab File: BE090363.D

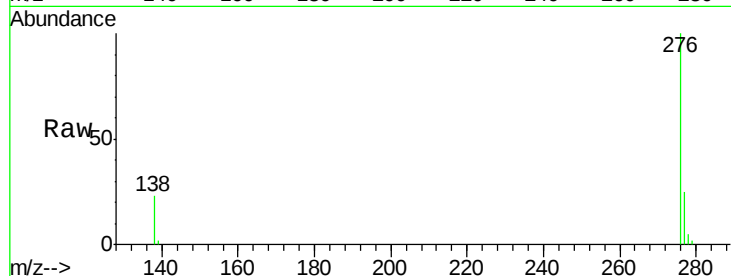
Acq: 5 Aug 2015 17:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.5



Tgt Ion: 276 Resp: 20017

Ion Ratio Lower Upper

276 100

277 24.5 20.1 30.1

138 23.2 18.1 27.1

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

