

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092032.D
 Acq On : 23 Jul 2016 7:39
 Operator : UM/SJ
 Sample : H4107-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-005

Quant Time: Jul 25 01:47:07 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	28466	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	143702	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	93489	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	212397	5.00	ng	0.00
31) Chrysene-d12	21.76	240	219603	5.00	ng	0.00
40) Perylene-d12	24.15	264	199272	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	37870	6.86	ng	0.00
5) Phenol-d6	7.35	99	62050	6.35	ng	-0.02
9) Nitrobenzene-d5	9.37	82	33322	3.85	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	16528	5.16	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	87586	3.56	ng	-0.01
34) Terphenyl-d14	20.20	244	119786	5.43	ng	-0.02

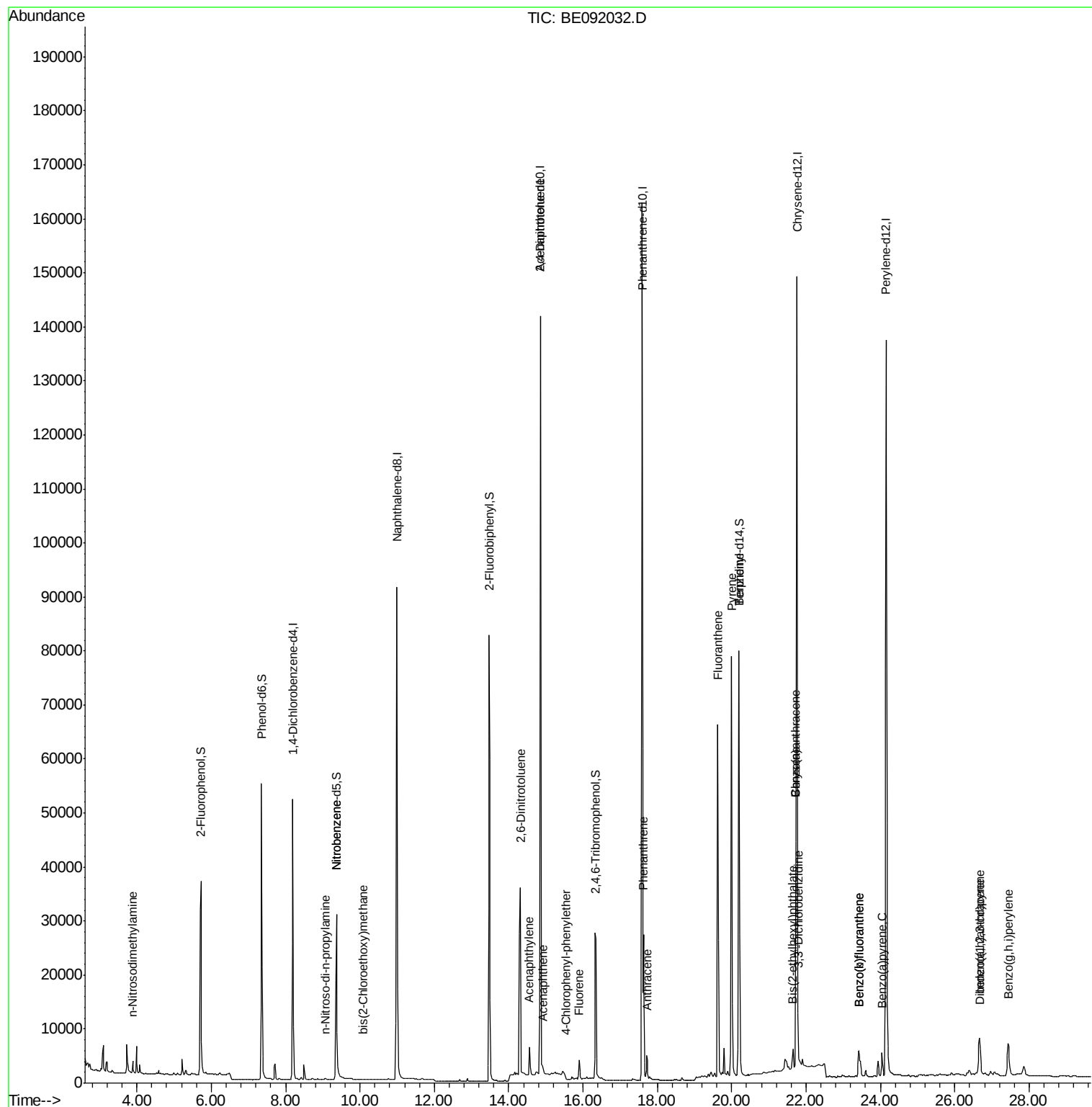
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.89	42	107	0.10	ng	# 1
7) n-Nitroso-di-n-propylamine	9.08	70	181	0.03	ng	# 19
10) Nitrobenzene	9.37	77	188	0.14	ng	# 69
11) bis(2-Chloroethoxy)methane	10.10	93	800	0.07	ng	# 1
18) Acenaphthylene	14.56	152	9841	0.07	ng	# 72
19) 2,6-Dinitrotoluene	14.31	165	22228	0.96	ng	# 10
20) Acenaphthene	14.92	154	725	0.03	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	53944	2.21	ng	# 1
22) Fluorene	15.90	166	2991	0.10	ng	# 90
23) 4-Chlorophenyl-phenylether	15.55	204	731	0.05	ng	# 1
28) Phenanthrene	17.63	178	28391	0.52	ng	# 100
29) Anthracene	17.72	178	6132	0.12	ng	# 97
30) Fluoranthene	19.63	202	101365	0.46	ng	# 89
32) Benzidine	20.20	184	2343	0.40	ng	# 85
33) Pyrene	19.99	202	104887	0.66	ng	# 81
35) Benzo(a)anthracene	21.73	228	25099	0.51	ng	# 96
36) 3,3'-Dichlorobenzidine	21.79	252	299	0.07	ng	# 70
37) Chrysene	21.73	228	25252	0.42	ng	# 90
38) Bis(2-ethylhexyl)phthalate	21.64	149	6585	0.22	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	15746	0.10	ng	# 97
41) Benzo(b)fluoranthene	23.42	252	13296	0.25	ng	# 80
42) Benzo(k)fluoranthene	23.42	252	13296	0.25	ng	# 82
43) Benzo(a)pyrene	24.05	252	7261	0.15	ng	# 85
44) Dibenzo(a,h)anthracene	26.68	278	922	0.02	ng	# 34
45) Benzo(g,h,i)perylene	27.43	276	16078	0.09	ng	# 88

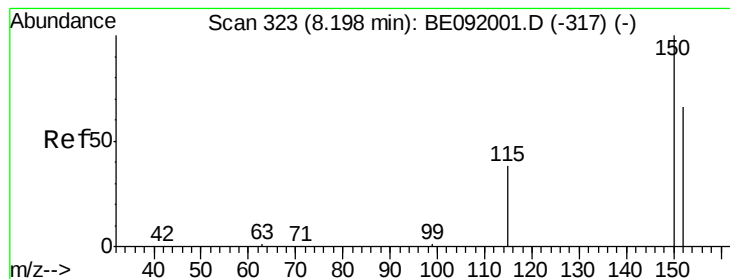
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

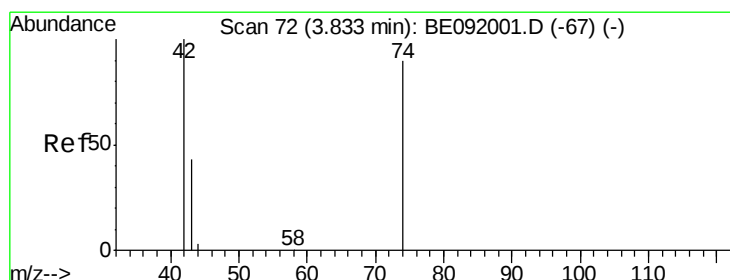
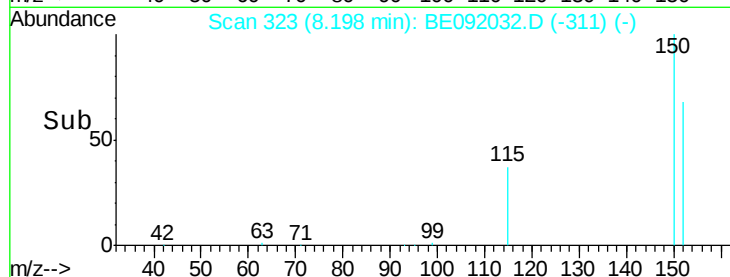
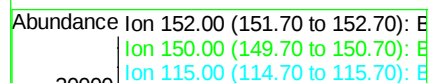
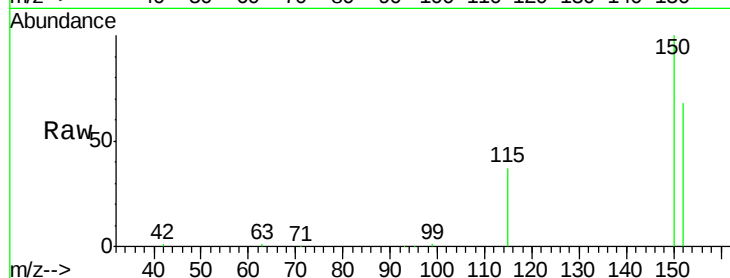
Tgt Ion:152 Resp: 28466

Ion Ratio Lower Upper

152 100

150 147.6 123.9 185.9

115 55.1 48.3 72.5



#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.89 min Scan# 75

Delta R.T. 0.05 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

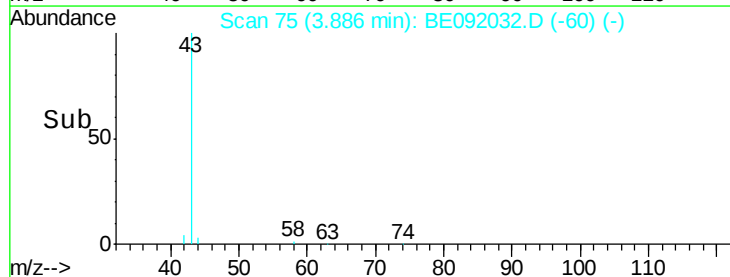
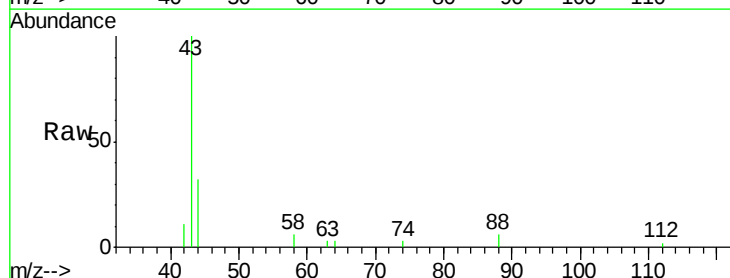
Tgt Ion: 42 Resp: 107

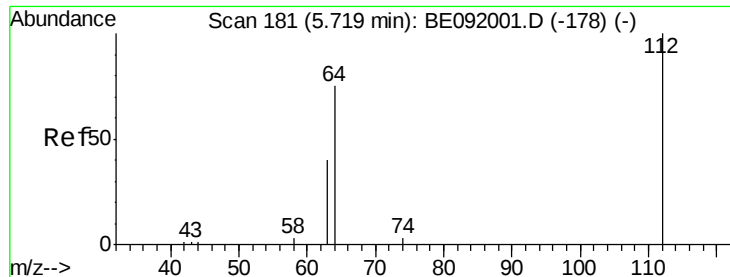
Ion Ratio Lower Upper

42 100

74 0.0 93.4 140.0#

44 152.3 5.0 7.6#





#4

2-Fluorophenol

Concen: 6.86 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

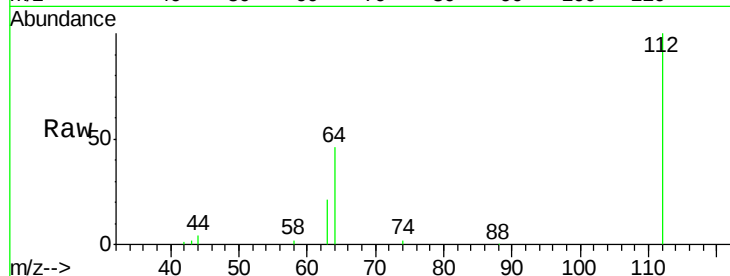
Tgt Ion: 112 Resp: 37870

Ion Ratio Lower Upper

112 100

64 67.9 53.7 80.5

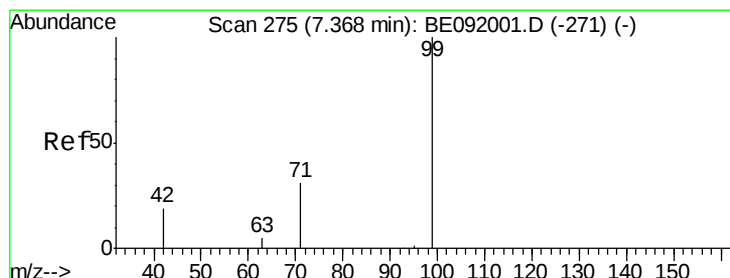
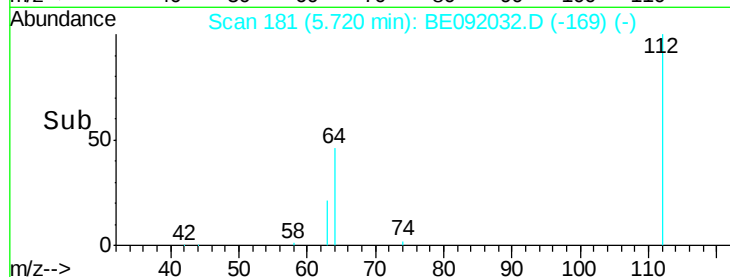
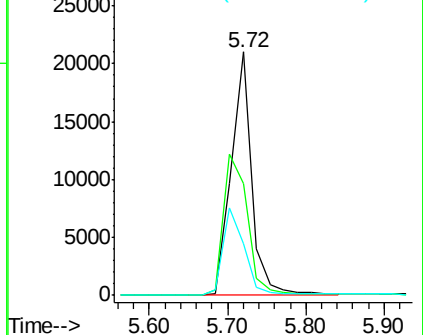
63 37.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 6.35 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

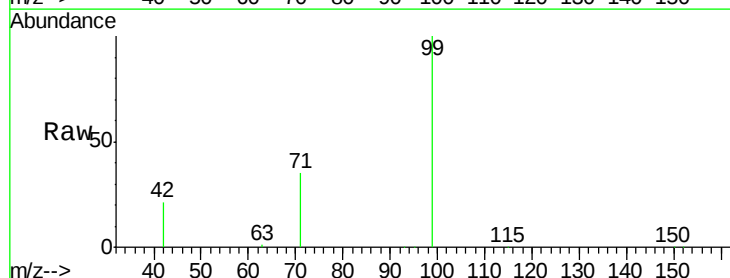
Tgt Ion: 99 Resp: 62050

Ion Ratio Lower Upper

99 100

42 25.0 19.6 29.4

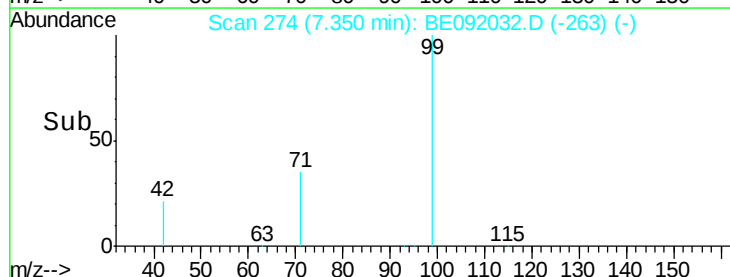
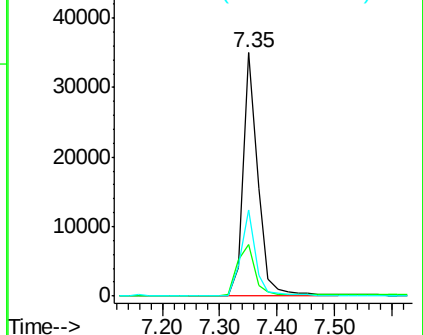
71 35.2 28.1 42.1

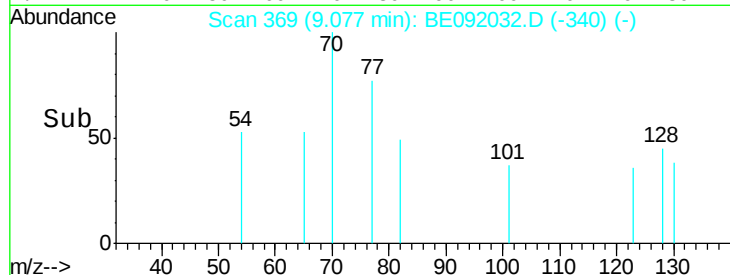
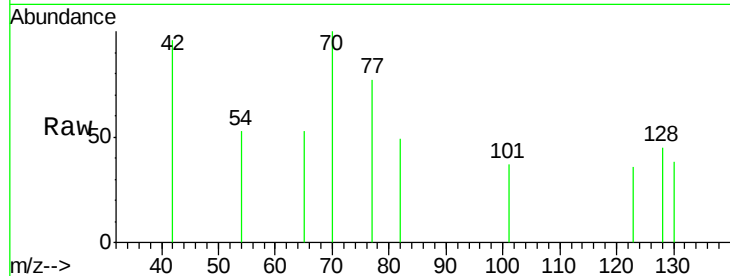
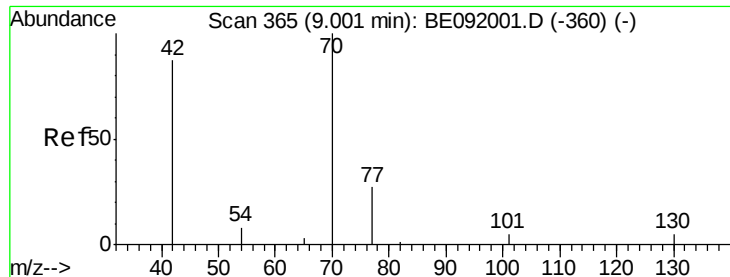


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.03 ng

RT: 9.08 min Scan# 369

Delta R.T. 0.08 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

Tgt Ion: 70 Resp: 181

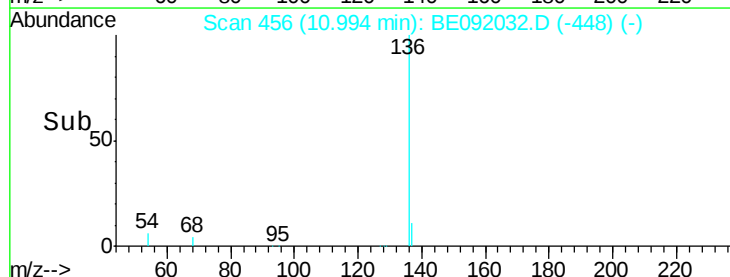
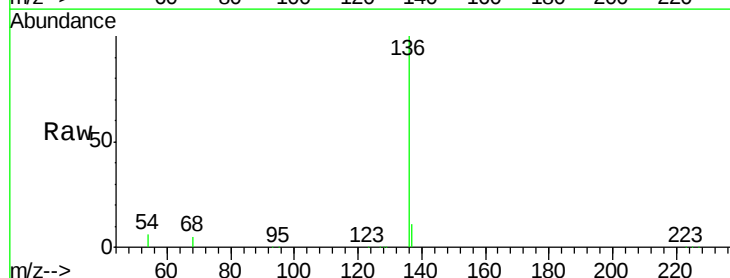
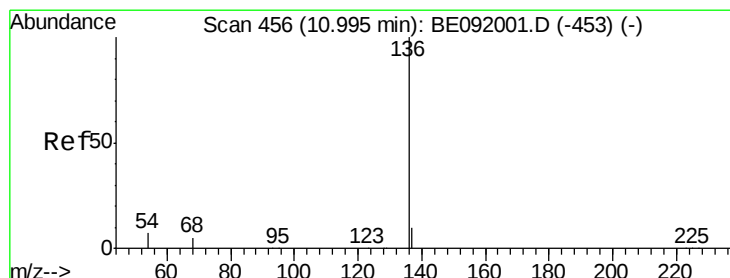
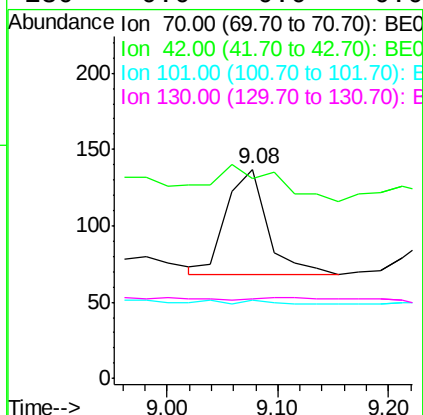
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 0.0 6.4 9.6#

130 0.0 0.0 0.0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Tgt Ion: 136 Resp: 143702

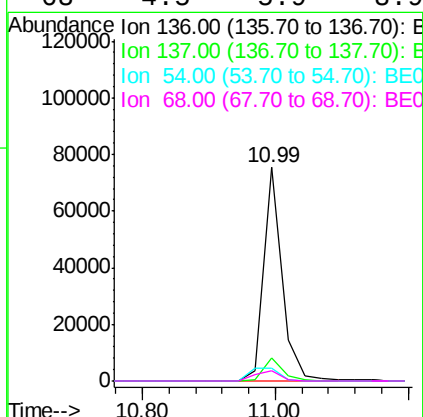
Ion Ratio Lower Upper

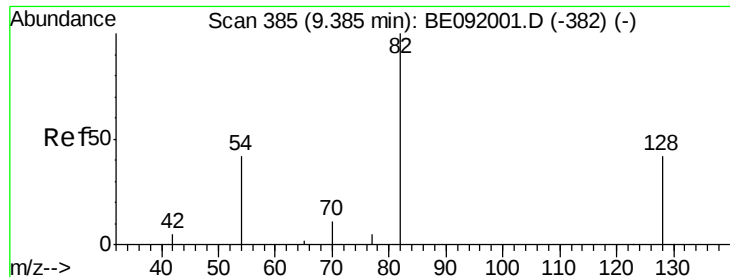
136 100

137 10.7 8.3 12.5

54 5.9 8.2 12.4#

68 4.5 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 3.85 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

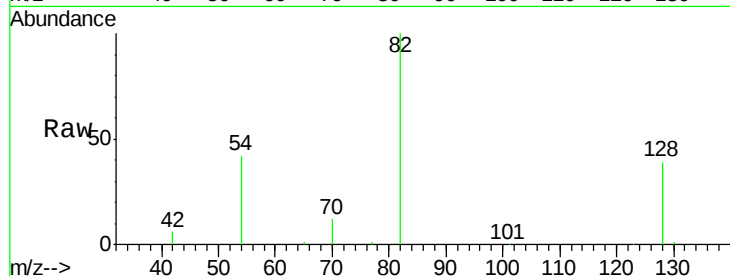
Tgt Ion: 82 Resp: 33322

Ion Ratio Lower Upper

82 100

128 39.3 39.5 59.3#

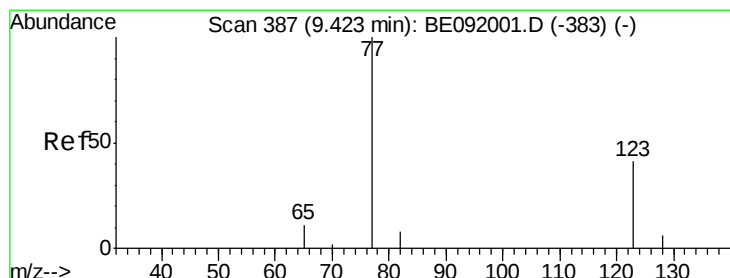
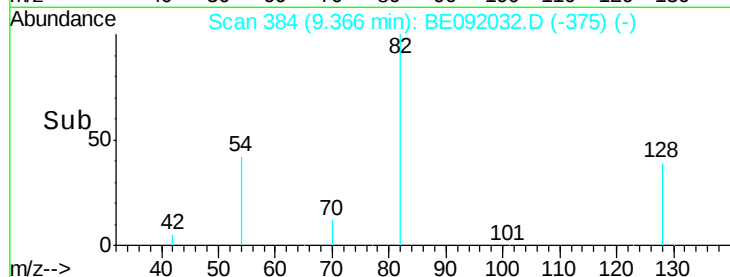
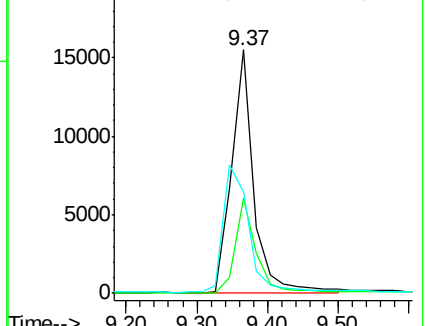
54 41.9 30.3 45.5



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



#10

Nitrobenzene

Concen: 0.14 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.06 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

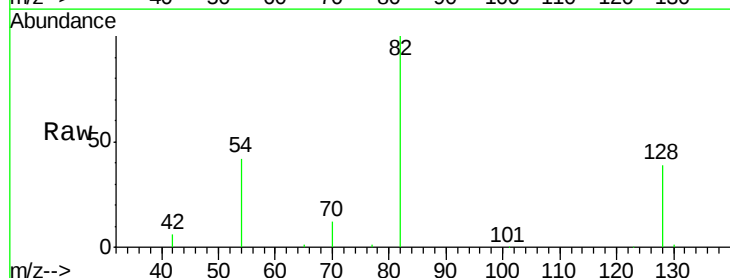
Tgt Ion: 77 Resp: 188

Ion Ratio Lower Upper

77 100

123 6.9 0.0 0.0#

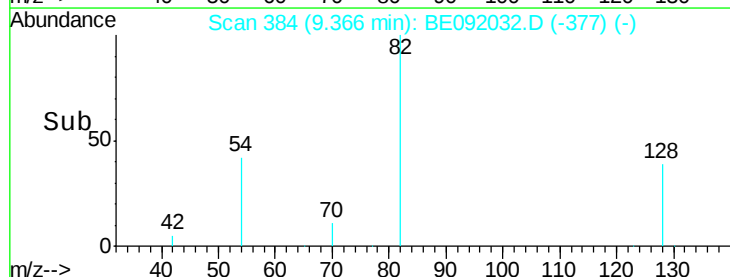
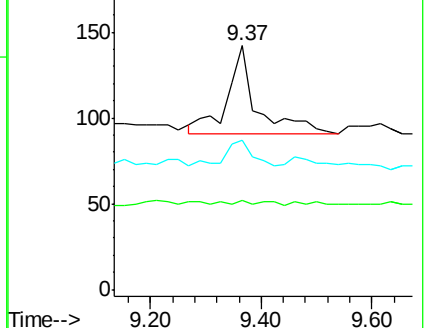
65 26.6 11.1 16.7#

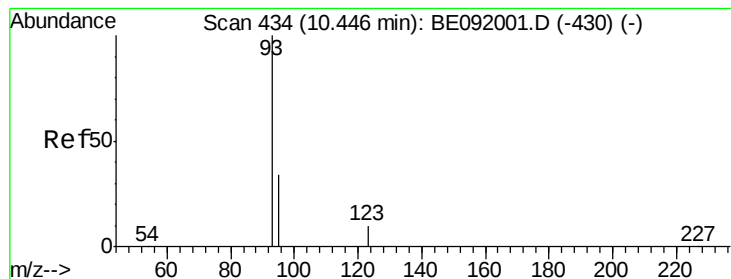


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.07 ng

RT: 10.10 min Scan# 420

Delta R.T. -0.35 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

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ClientSampleId :

TILCON-MH-SF-005

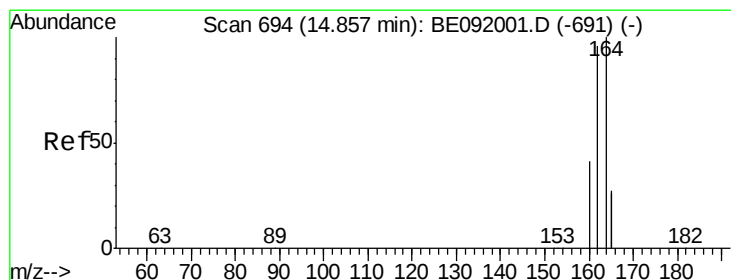
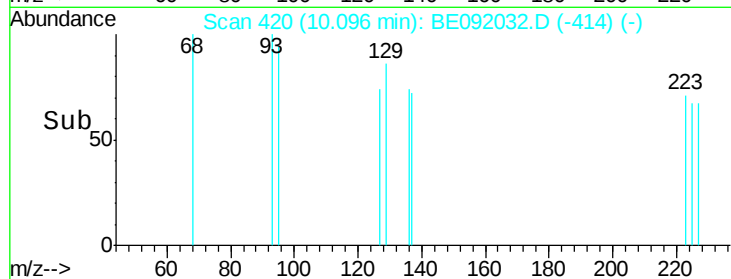
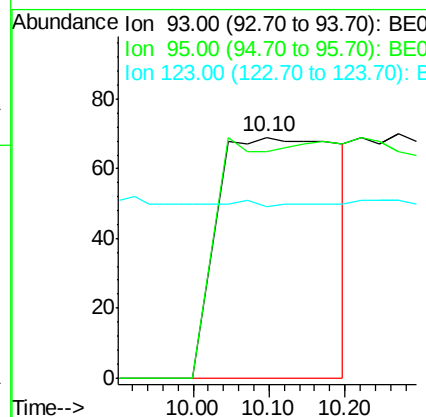
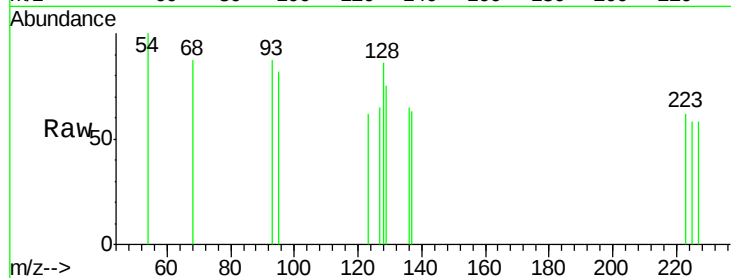
Tgt Ion: 93 Resp: 800

Ion Ratio Lower Upper

93 100

95 0.0 57.6 86.4#

123 0.0 100.2 150.4#



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

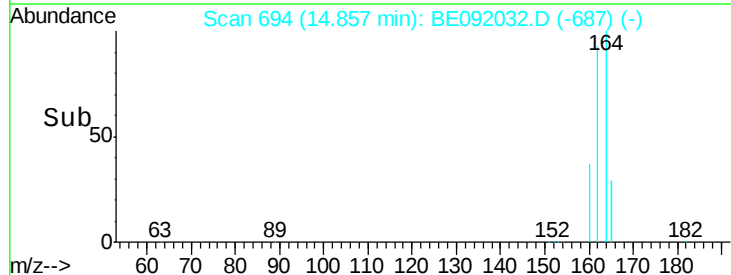
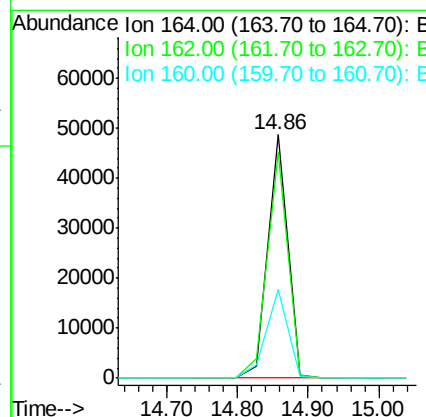
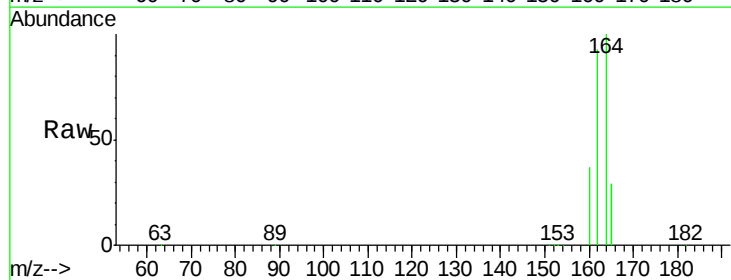
Tgt Ion: 164 Resp: 93489

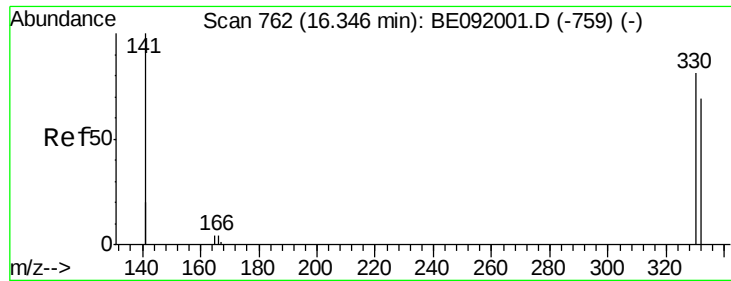
Ion Ratio Lower Upper

164 100

162 92.8 71.8 107.8

160 36.6 28.0 42.0

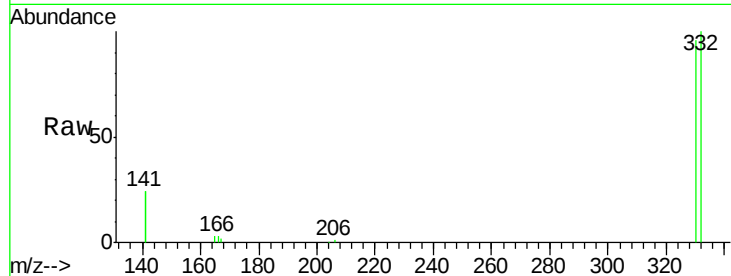




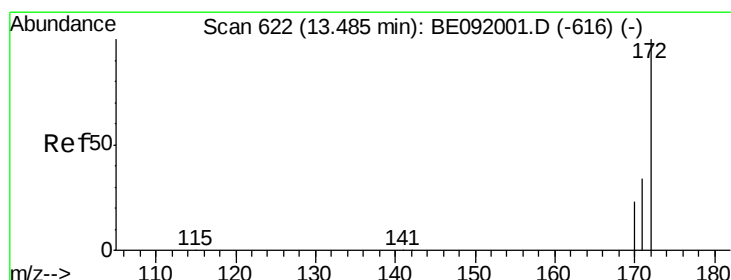
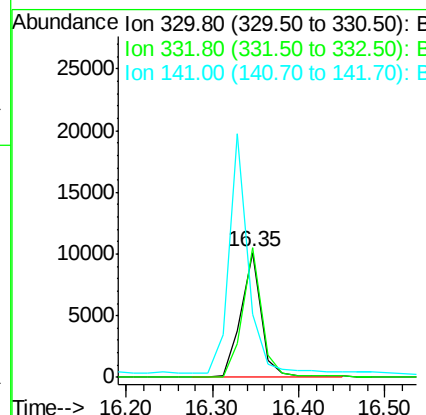
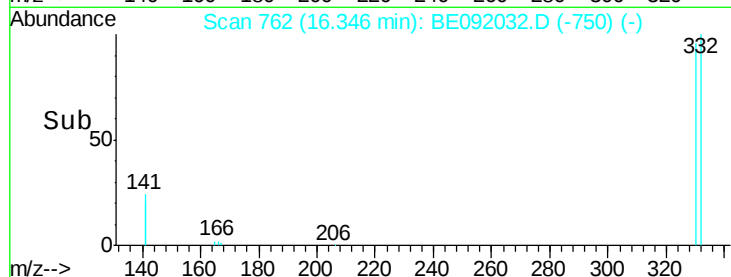
#16
 2,4,6-Tribromophenol
 Concen: 5.16 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092032.D
 Acq: 23 Jul 2016 7:39

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-005

Tgt Ion:330 Resp: 16528
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 180.7 138.4 207.6

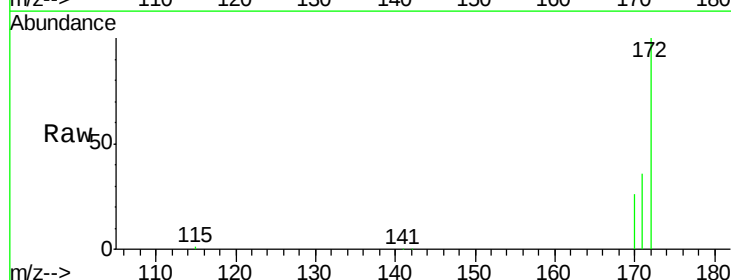


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

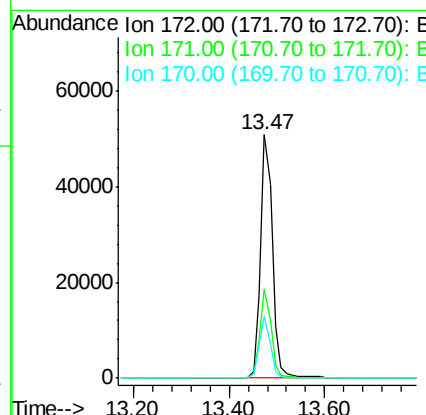
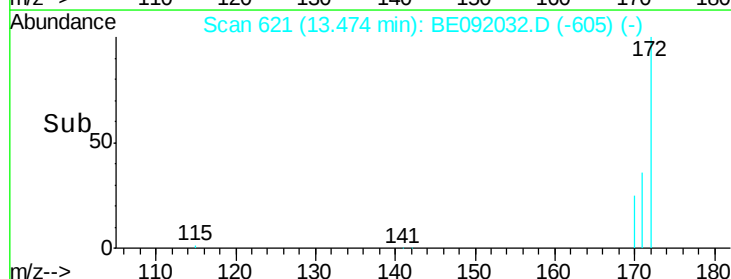


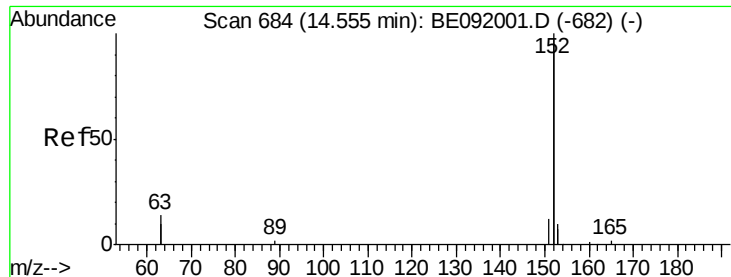
#17
 2-Fluorobiphenyl
 Concen: 3.56 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092032.D
 Acq: 23 Jul 2016 7:39

Tgt Ion:172 Resp: 87586
 Ion Ratio Lower Upper
 172 100
 171 36.5 24.3 36.5#
 170 25.5 14.9 22.3#



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

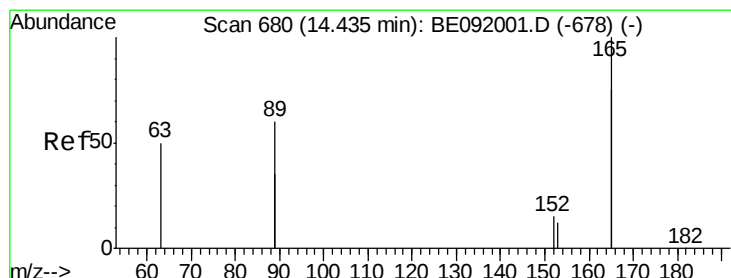
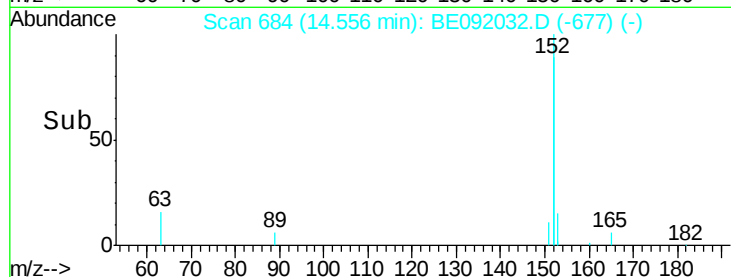
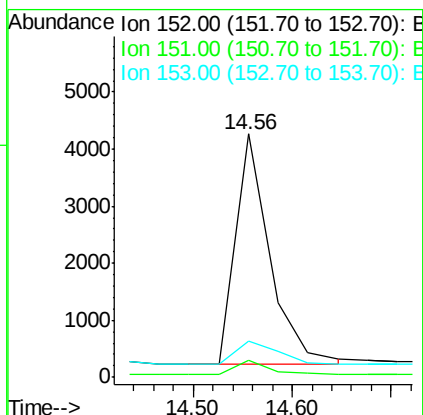
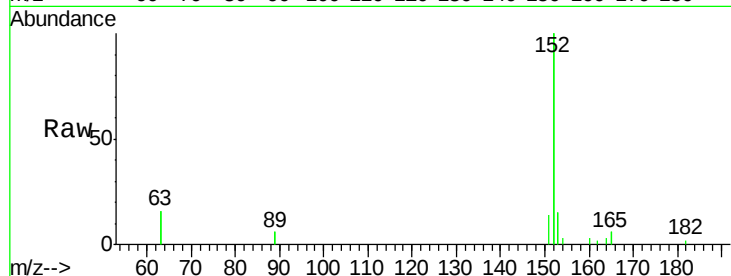




#18
 Acenaphthylene
 Concen: 0.07 ng
 RT: 14.56 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BE092032.D
 Acq: 23 Jul 2016 7:39

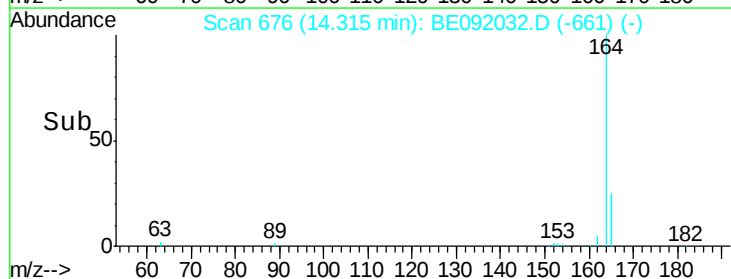
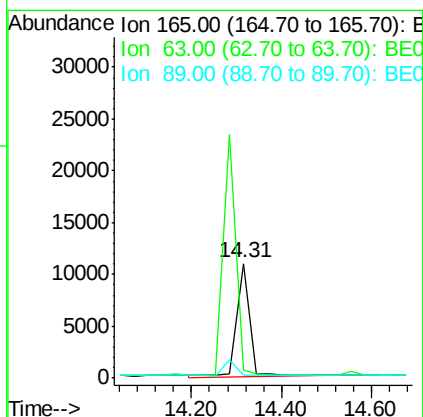
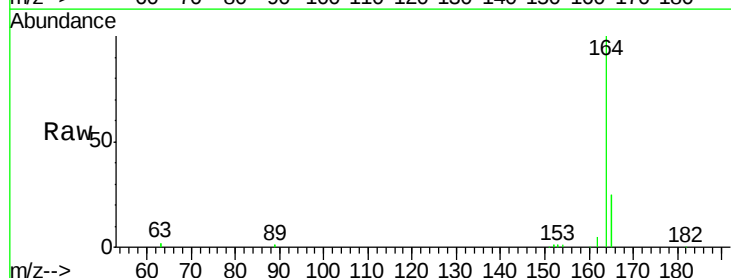
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-005

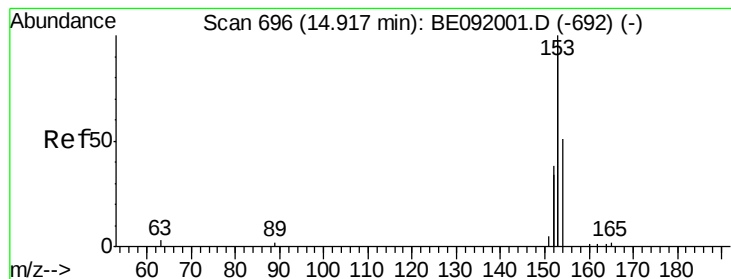
Tgt Ion:152 Resp: 9841
 Ion Ratio Lower Upper
 152 100
 151 5.6 19.4 29.2#
 153 11.7 14.4 21.6#



#19
 2,6-Dinitrotoluene
 Concen: 0.96 ng
 RT: 14.31 min Scan# 676
 Delta R.T. -0.12 min
 Lab File: BE092032.D
 Acq: 23 Jul 2016 7:39

Tgt Ion:165 Resp: 22228
 Ion Ratio Lower Upper
 165 100
 63 0.0 65.9 98.9#
 89 0.0 59.1 88.7#





#20

Acenaphthene

Concen: 0.03 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

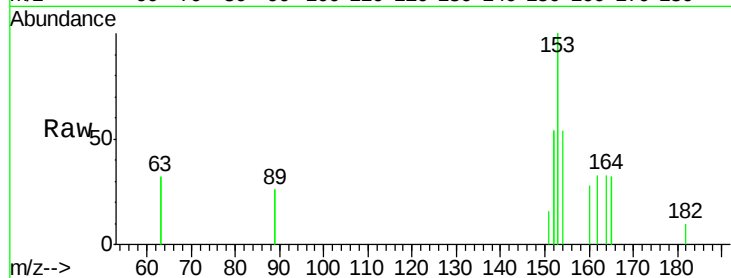
Tgt Ion:154 Resp: 725

Ion Ratio Lower Upper

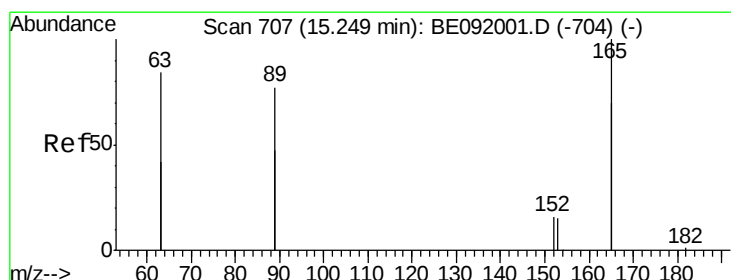
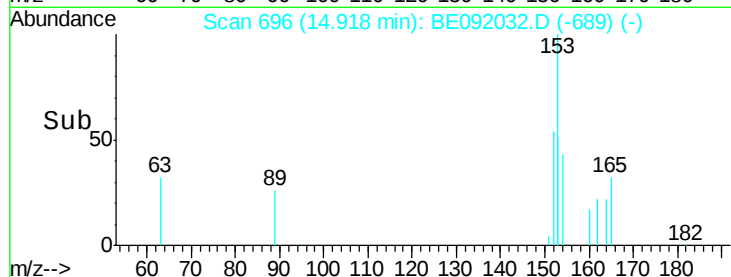
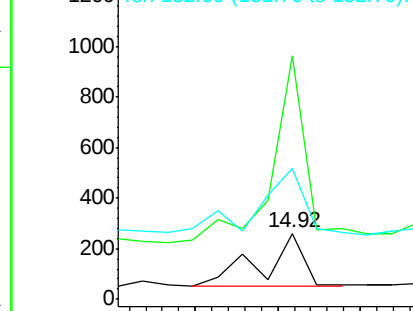
154 100

153 297.4 88.1 132.1#

152 152.7 44.2 66.2#



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



#21

2,4-Dinitrotoluene

Concen: 2.21 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.39 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Tgt Ion:165 Resp: 53944

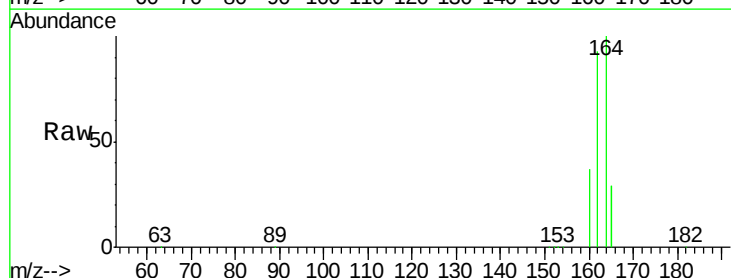
Ion Ratio Lower Upper

165 100

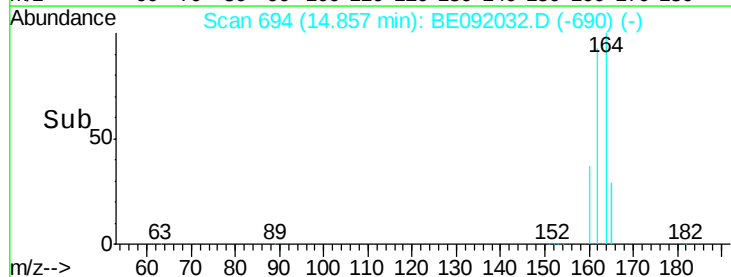
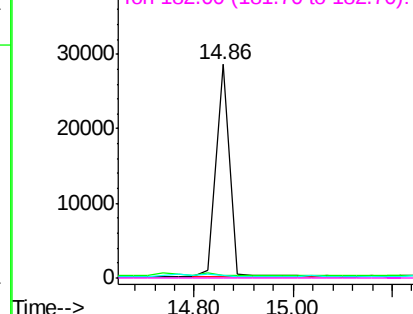
63 0.0 0.0 0.0

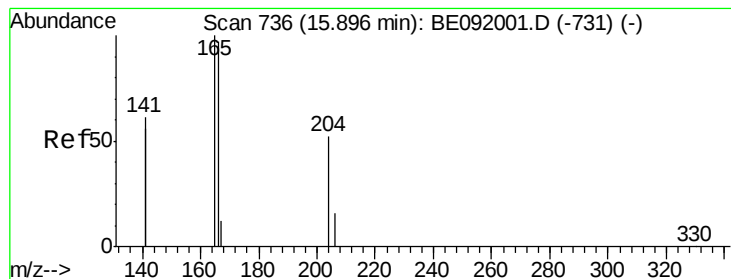
89 0.0 99.8 149.8#

182 0.0 0.0 0.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E





#22

Fluorene

Concen: 0.10 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

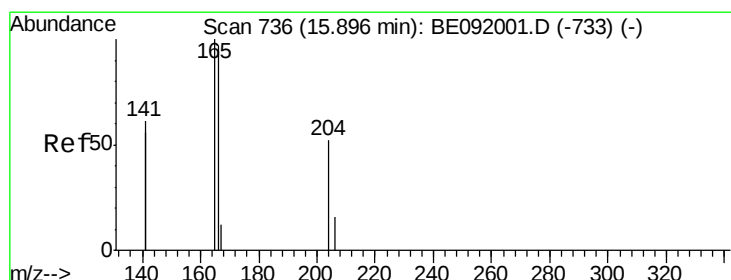
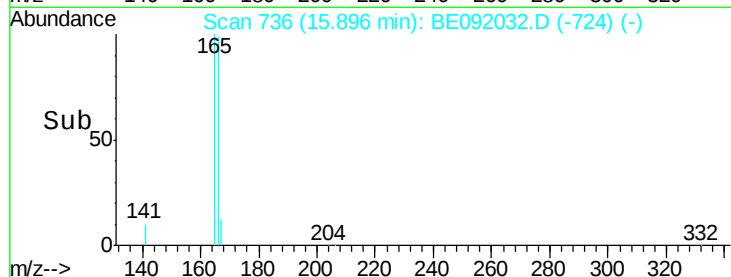
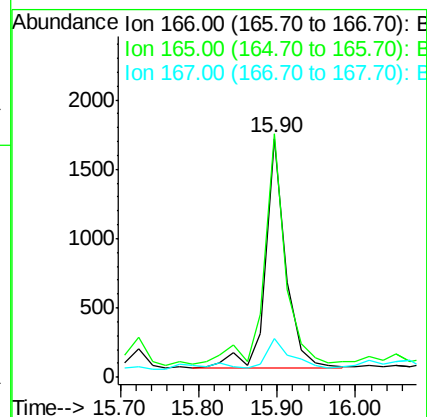
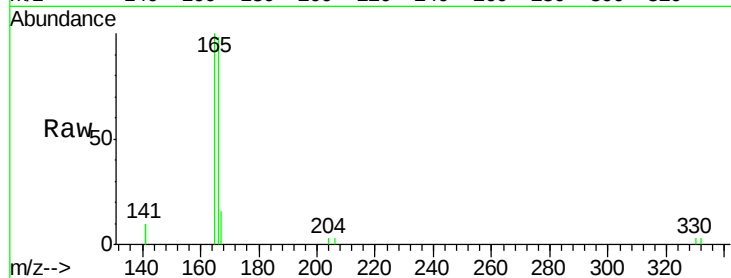
Tgt Ion:166 Resp: 2991

Ion Ratio Lower Upper

166 100

165 109.1 78.6 117.8

167 15.5 10.8 16.2



#23

4-Chlorophenyl-phenylether

Concen: 0.05 ng

RT: 15.55 min Scan# 716

Delta R.T. -0.35 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

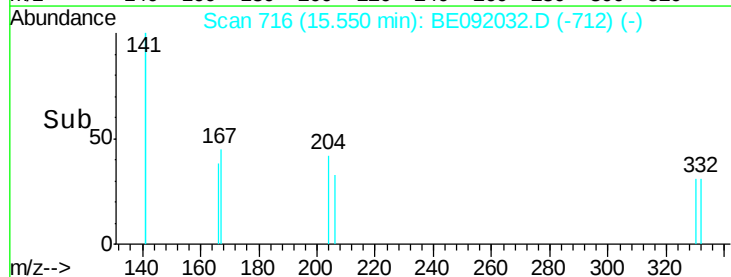
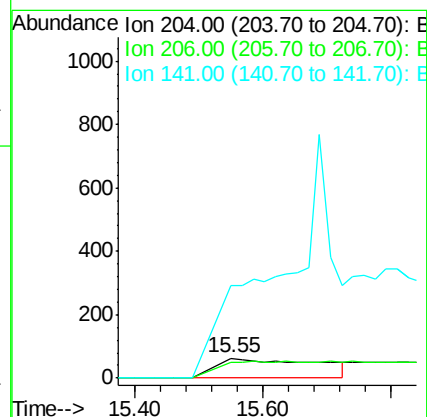
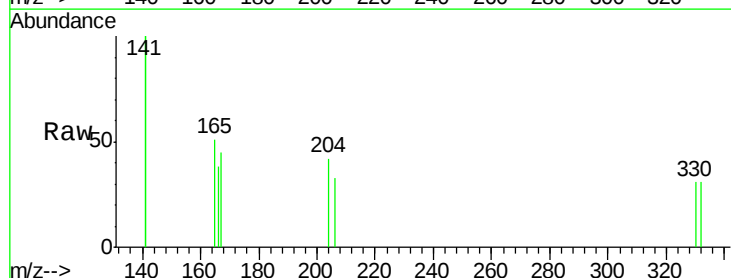
Tgt Ion:204 Resp: 731

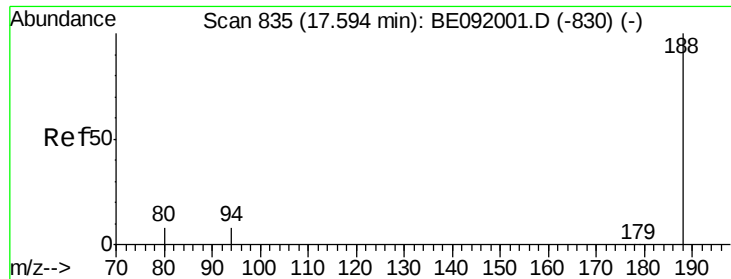
Ion Ratio Lower Upper

204 100

206 0.0 27.8 41.6#

141 0.0 197.6 296.4#

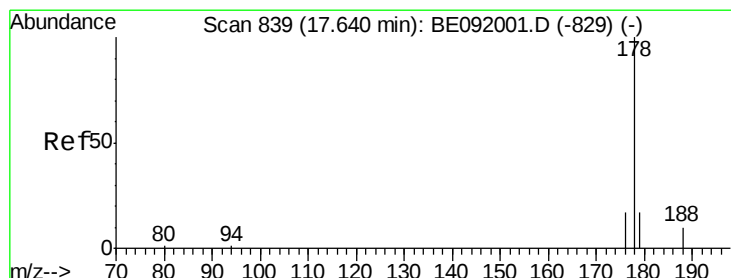
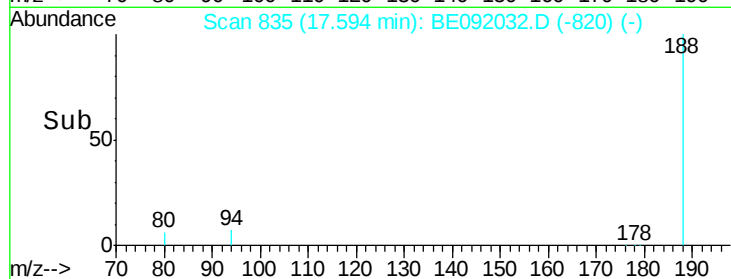
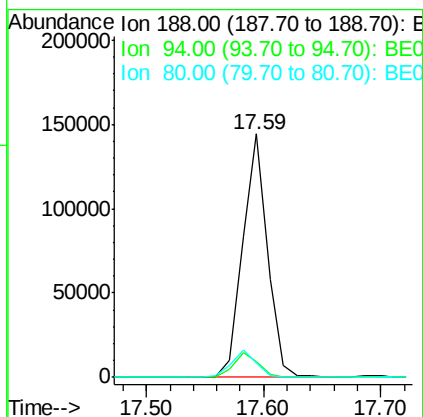
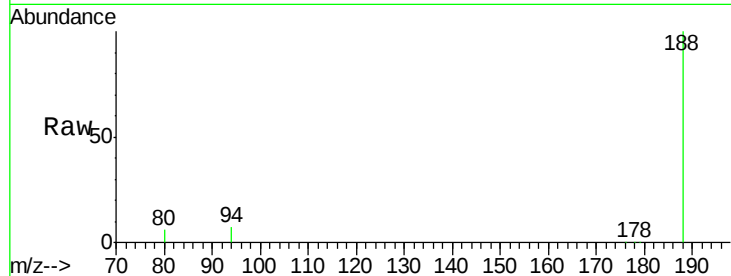




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE092032.D
Acq: 23 Jul 2016 7:39

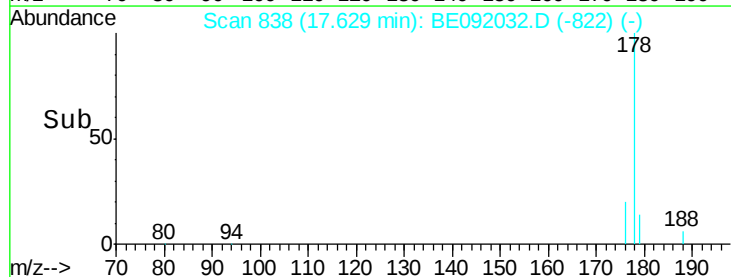
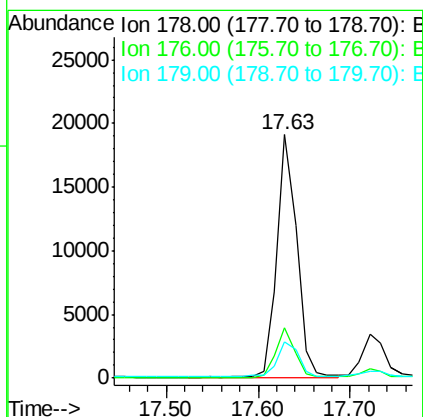
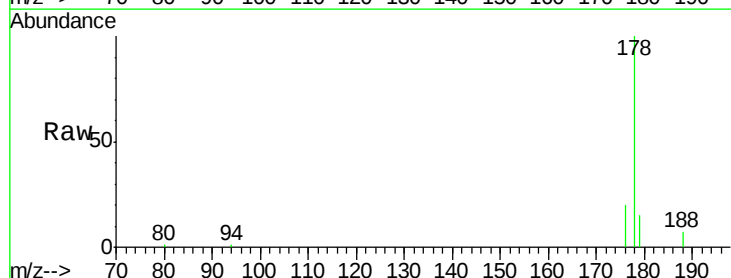
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-005

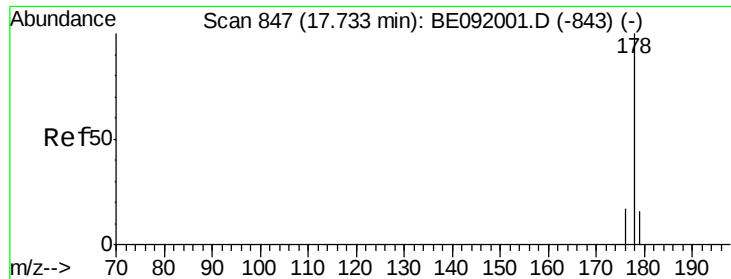
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.1	6.1#
80	5.9	3.4	5.2#



#28
Phenanthrene
Concen: 0.52 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE092032.D
Acq: 23 Jul 2016 7:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.0	12.9	19.3





#29

Anthracene

Concen: 0.12 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

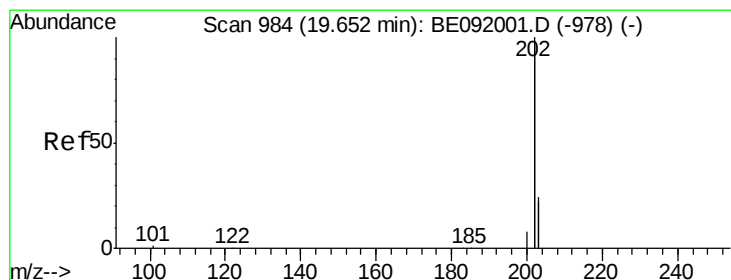
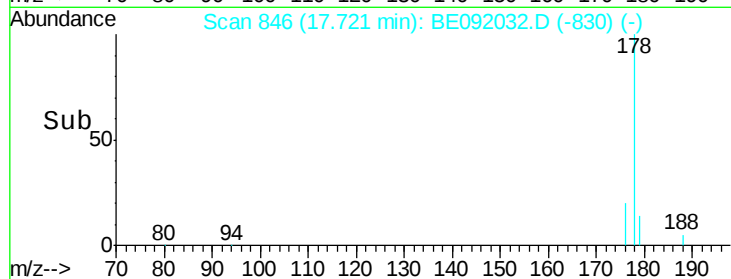
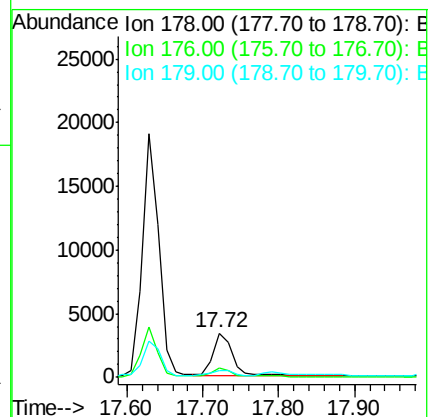
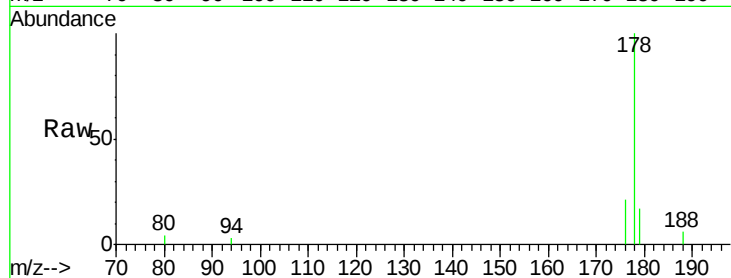
Tgt Ion:178 Resp: 6132

Ion Ratio Lower Upper

178 100

176 18.1 15.1 22.7

179 13.3 12.1 18.1



#30

Fluoranthene

Concen: 0.46 ng

RT: 19.63 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

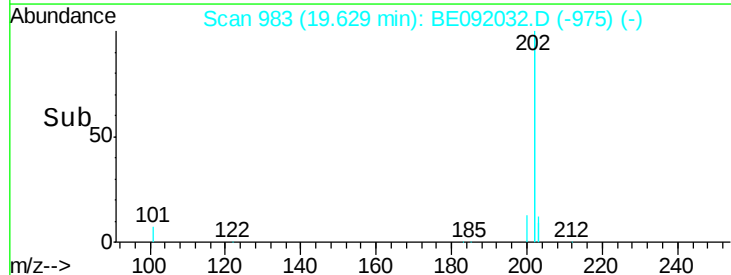
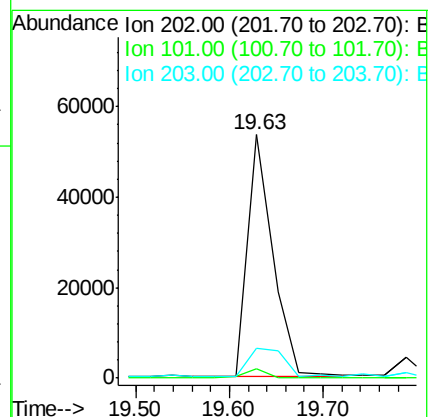
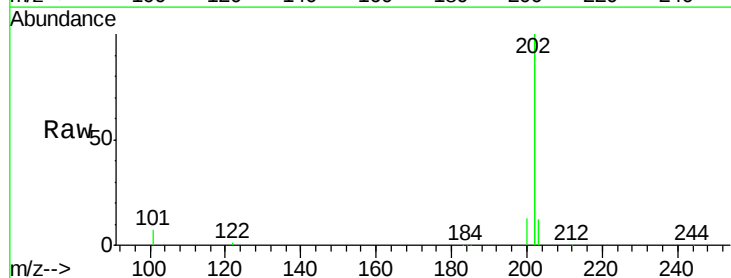
Tgt Ion:202 Resp: 101365

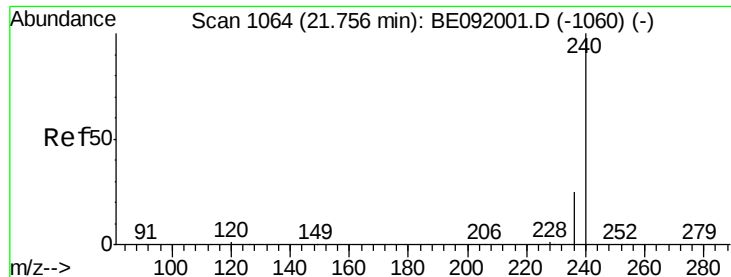
Ion Ratio Lower Upper

202 100

101 3.0 9.4 14.0#

203 16.5 14.3 21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

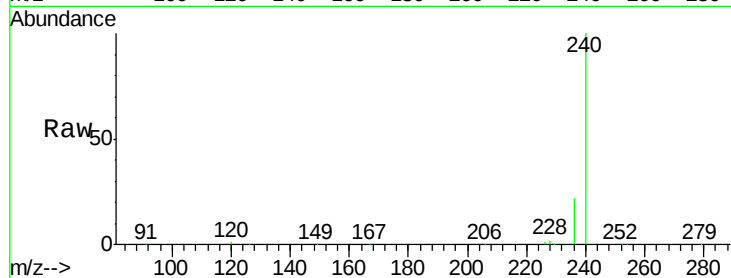
Tgt Ion:240 Resp: 219603

Ion Ratio Lower Upper

240 100

120 0.6 1.2 1.8#

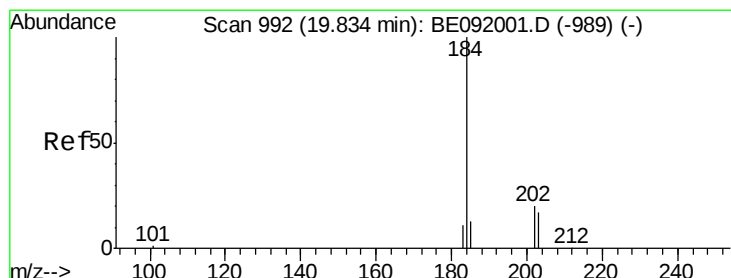
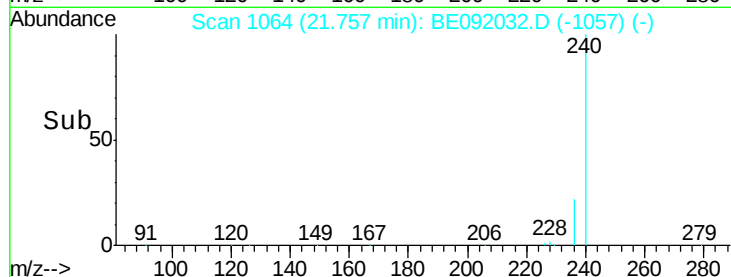
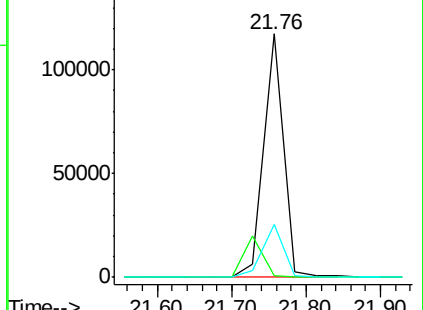
236 22.0 19.8 29.8



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



#32

Benzidine

Concen: 0.40 ng

RT: 20.20 min Scan# 1008

Delta R.T. 0.36 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

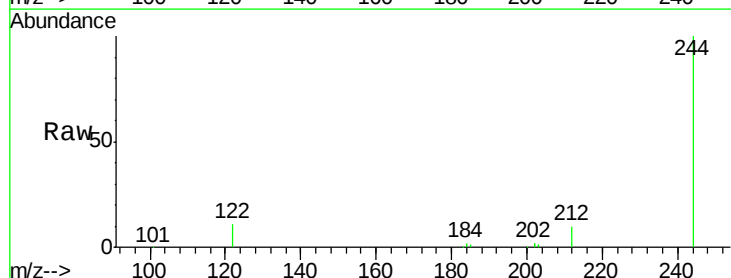
Tgt Ion:184 Resp: 2343

Ion Ratio Lower Upper

184 100

185 24.1 11.4 17.2#

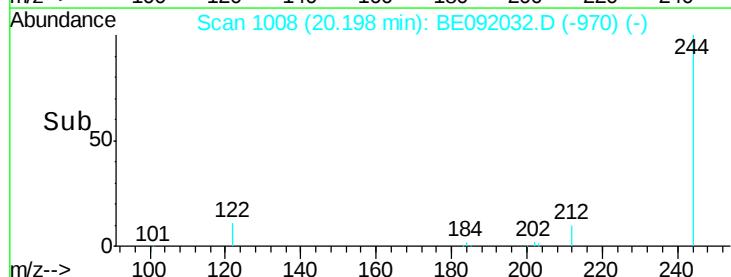
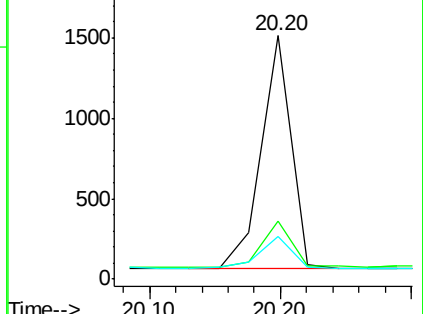
183 17.6 11.8 17.6

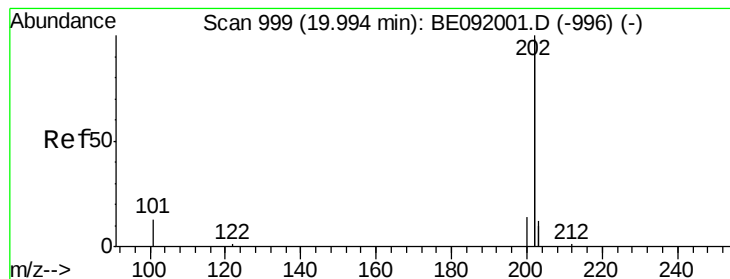


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 0.66 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

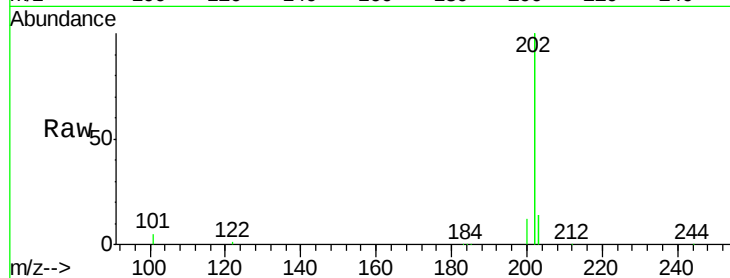
Tgt Ion:202 Resp: 104887

Ion Ratio Lower Upper

202 100

200 5.6 16.9 25.3#

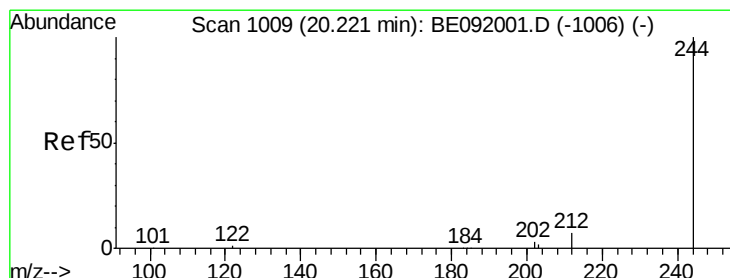
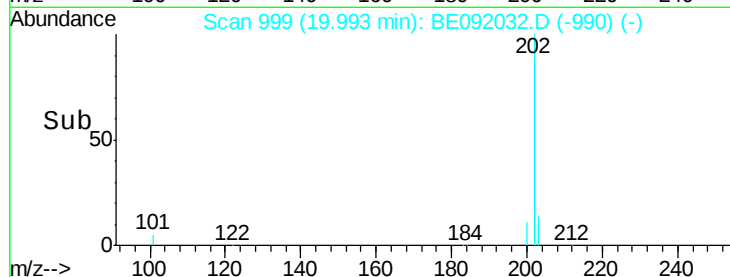
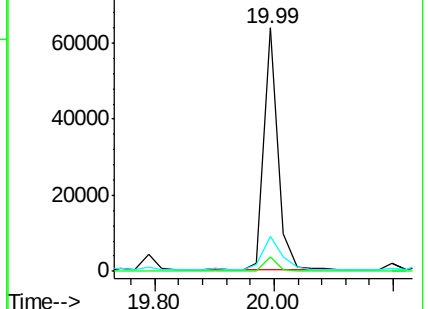
203 18.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 5.43 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

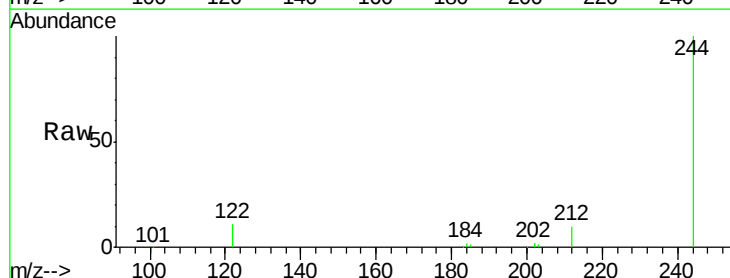
Tgt Ion:244 Resp: 119786

Ion Ratio Lower Upper

244 100

212 10.1 6.5 9.7#

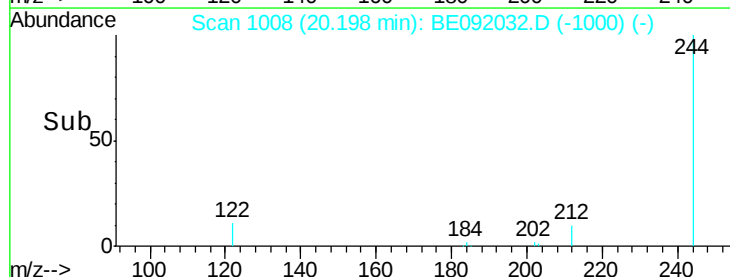
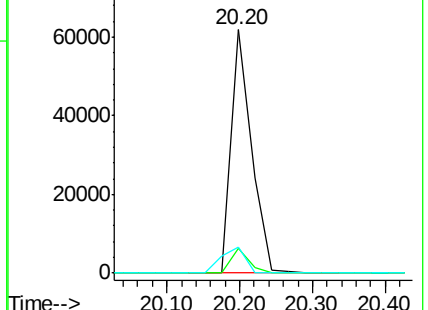
122 10.9 2.9 4.3#

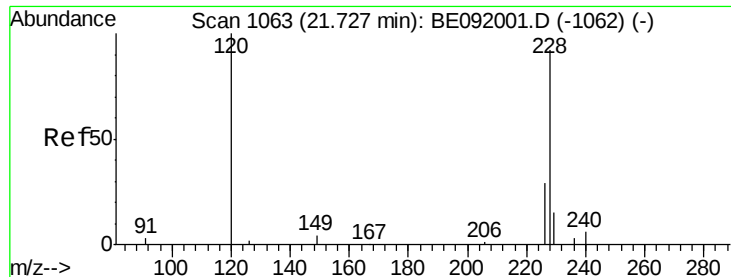


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.51 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

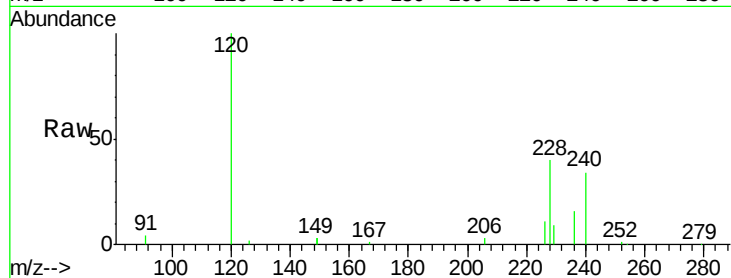
Tgt Ion: 228 Resp: 25099

Ion Ratio Lower Upper

228 100

226 28.0 21.0 31.4

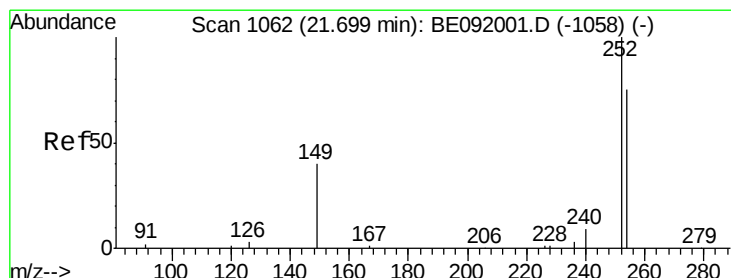
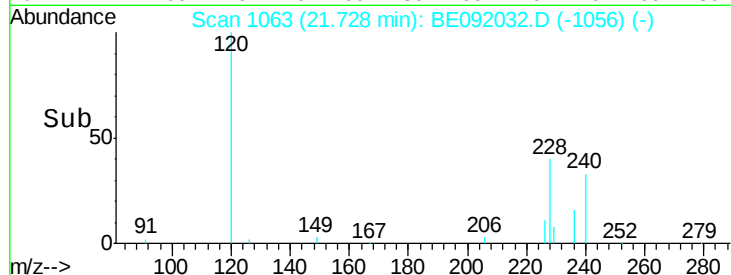
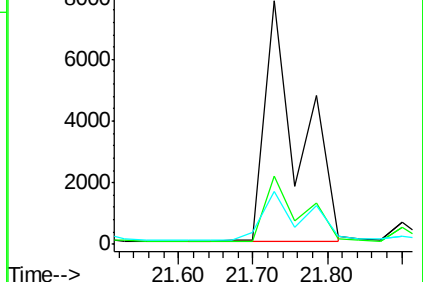
229 21.6 15.8 23.8



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



#36

3,3'-Dichlorobenzidine

Concen: 0.07 ng

RT: 21.79 min Scan# 1065

Delta R.T. 0.09 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

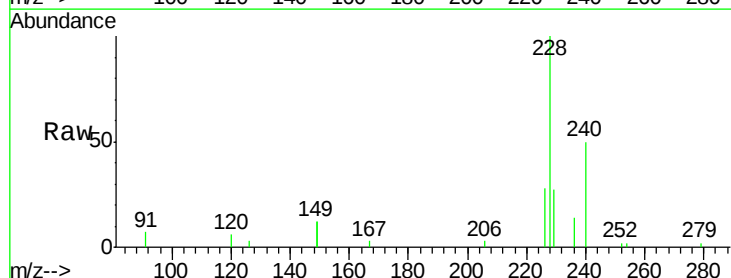
Tgt Ion: 252 Resp: 299

Ion Ratio Lower Upper

252 100

254 92.4 61.5 92.3#

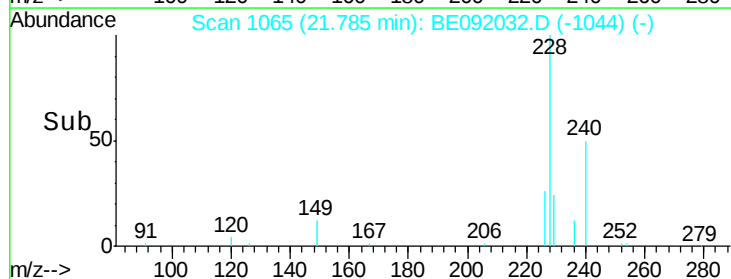
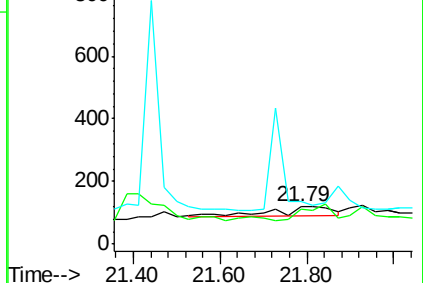
126 116.0 2.5 3.7#

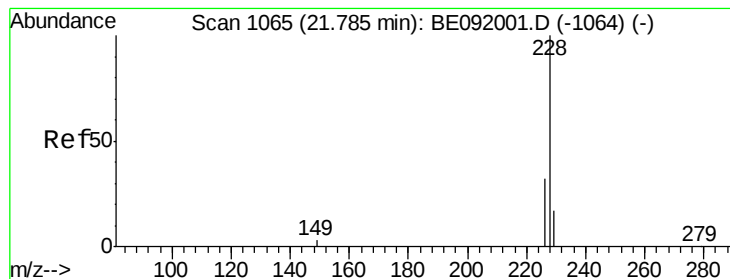


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.42 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

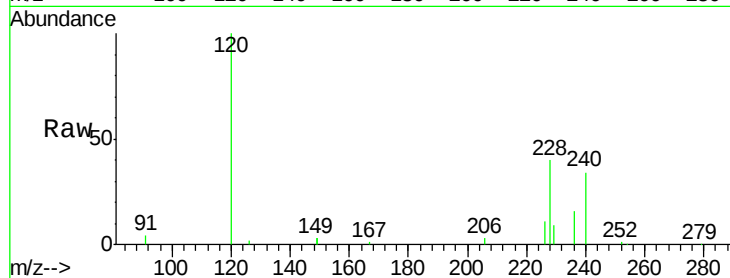
Tgt Ion:228 Resp: 25252

Ion Ratio Lower Upper

228 100

226 28.0 27.0 40.6

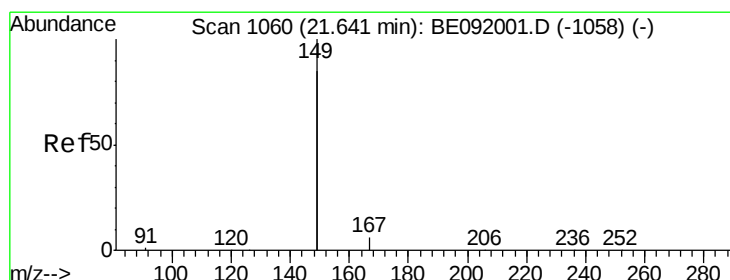
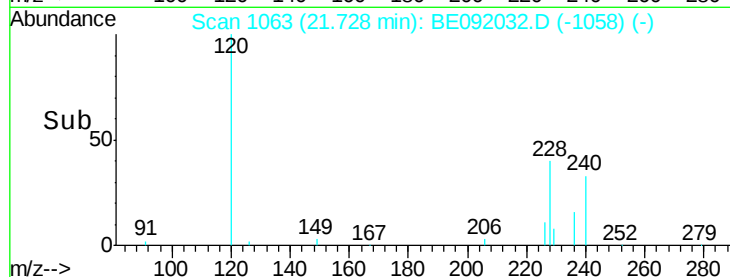
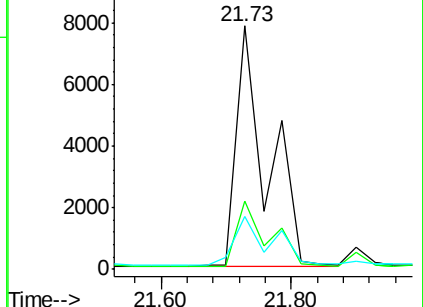
229 21.6 13.8 20.8#



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

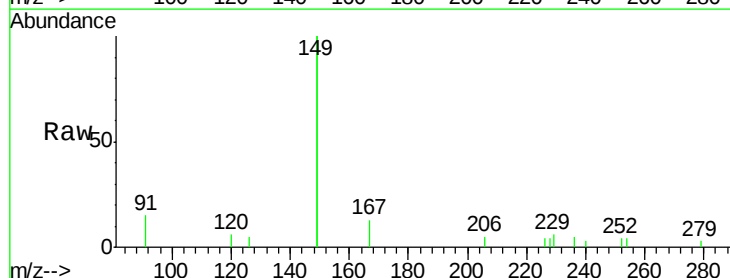
Tgt Ion:149 Resp: 6585

Ion Ratio Lower Upper

149 100

167 4.9 0.0 0.0#

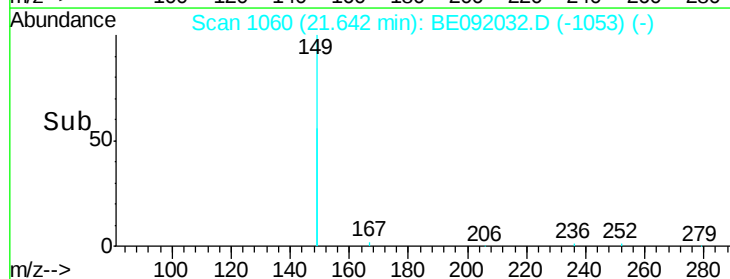
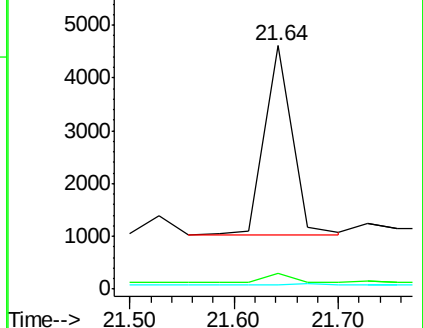
279 0.0 0.0 0.0

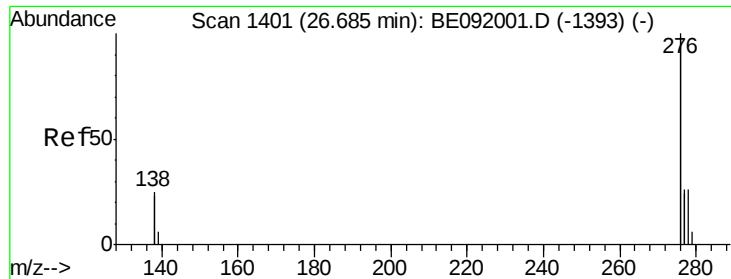


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.10 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

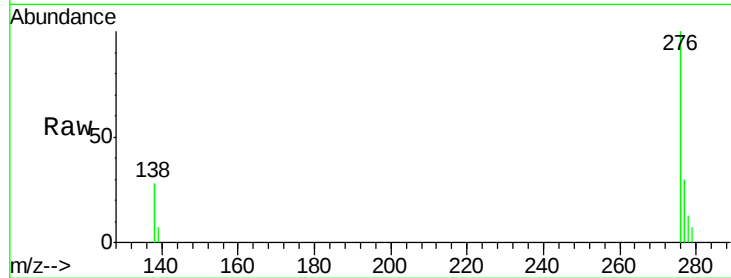
Tgt Ion:276 Resp: 15746

Ion Ratio Lower Upper

276 100

138 22.9 19.7 29.5

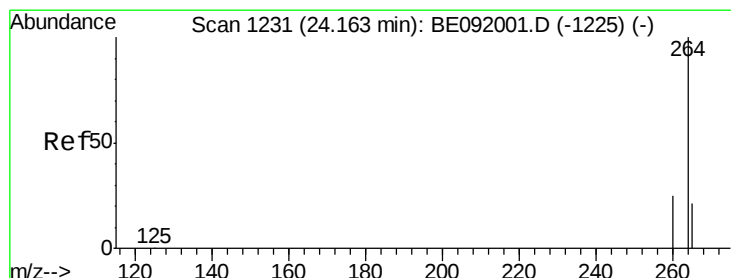
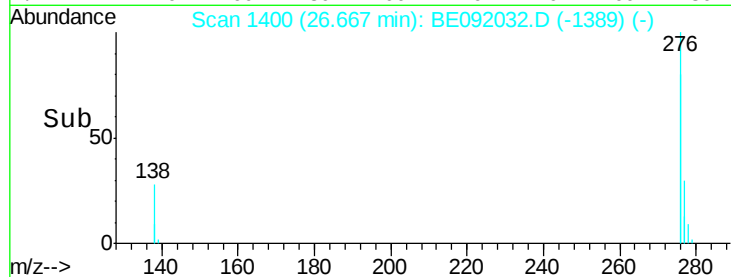
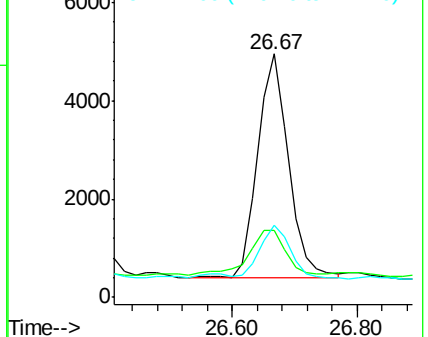
277 23.4 20.1 30.1



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

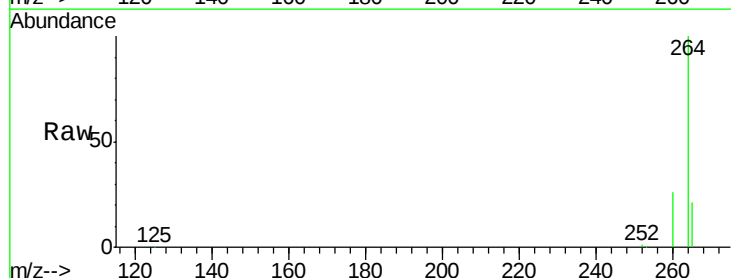
Tgt Ion:264 Resp: 199272

Ion Ratio Lower Upper

264 100

260 25.8 20.3 30.5

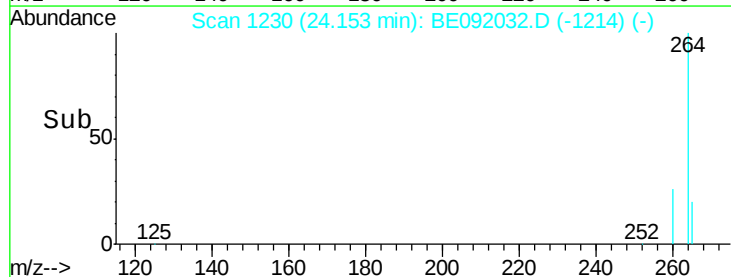
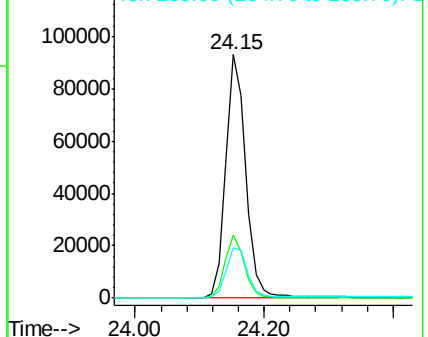
265 20.7 17.6 26.4

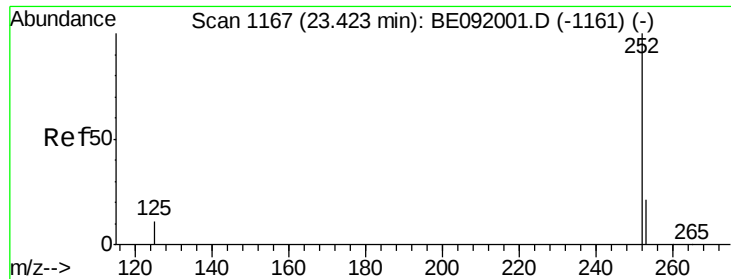


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.25 ng

RT: 23.42 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

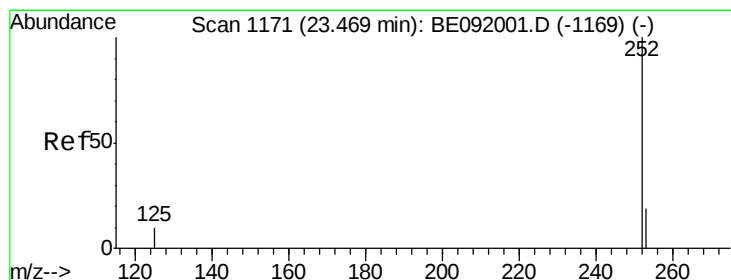
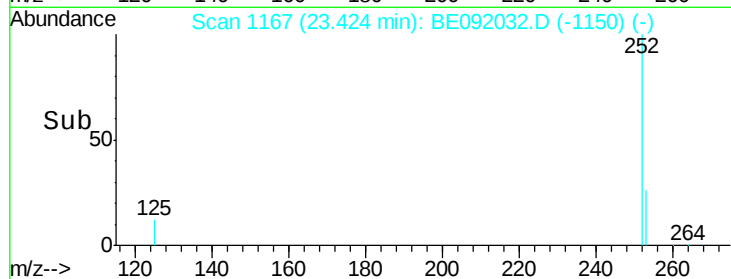
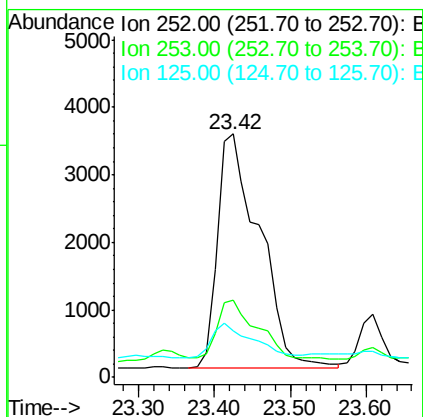
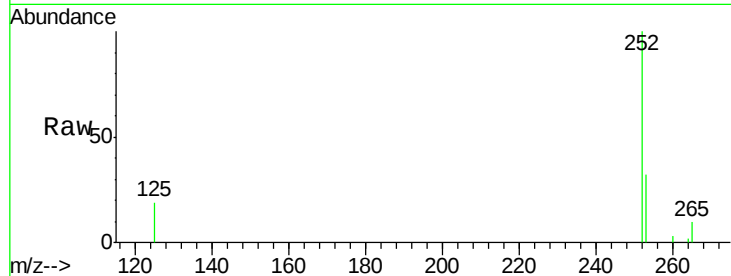
Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

Tgt Ion:	252	Resp:	13296
Ion Ratio	Lower	Upper	
252	100		
253	31.9	17.8	26.6#
125	19.3	9.4	14.2#



#42

Benzo(k)fluoranthene

Concen: 0.25 ng

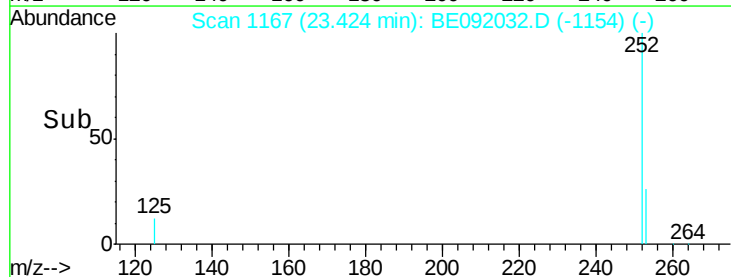
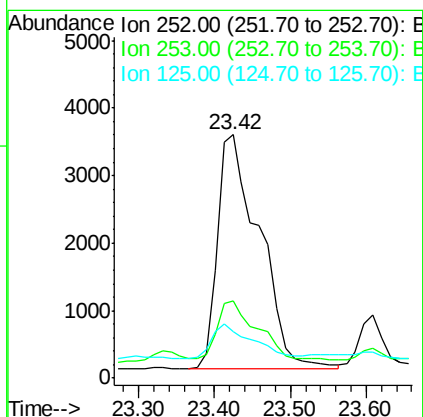
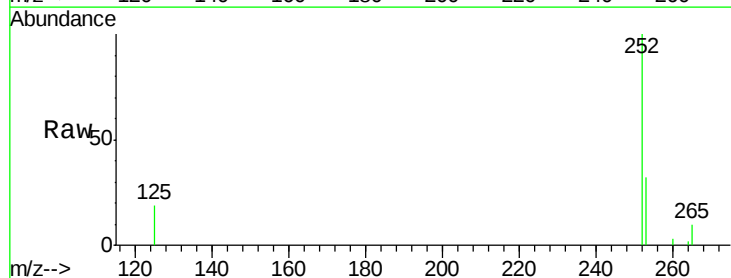
RT: 23.42 min Scan# 1167

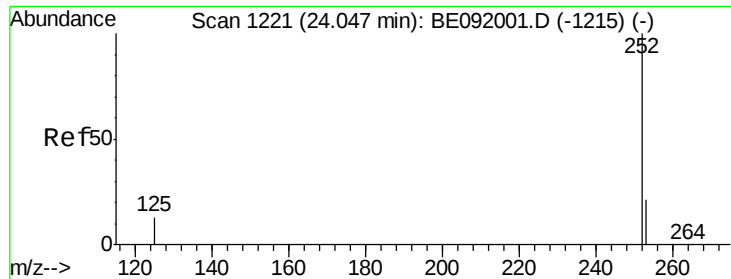
Delta R.T. -0.05 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Tgt Ion:	252	Resp:	13296
Ion Ratio	Lower	Upper	
252	100		
253	31.9	19.4	29.2#
125	19.3	8.3	12.5#





#43

Benzo(a)pyrene

Concen: 0.15 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

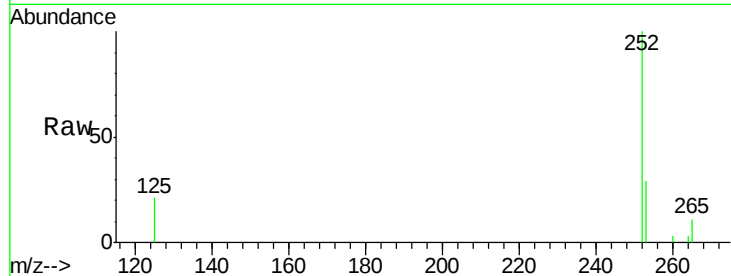
Tgt Ion: 252 Resp: 7261

Ion Ratio Lower Upper

252 100

253 29.2 18.9 28.3#

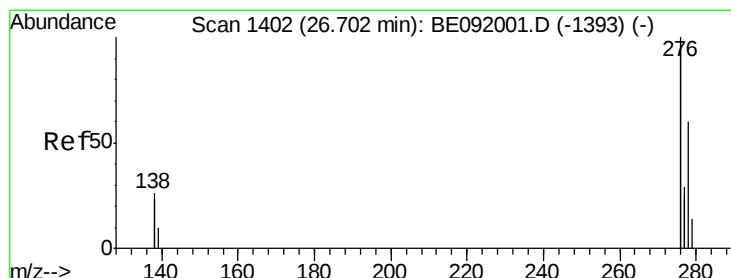
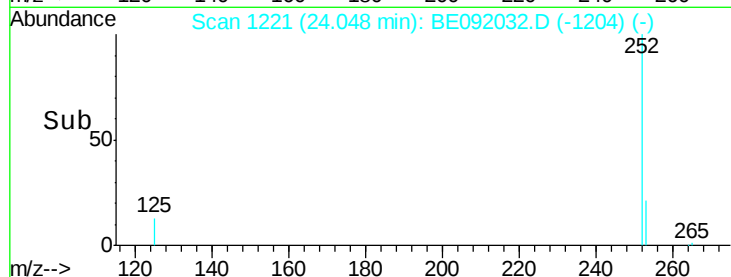
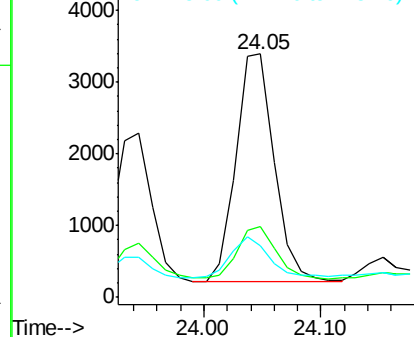
125 21.3 10.5 15.7#



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



#44

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BE092032.D

Acq: 23 Jul 2016 7:39

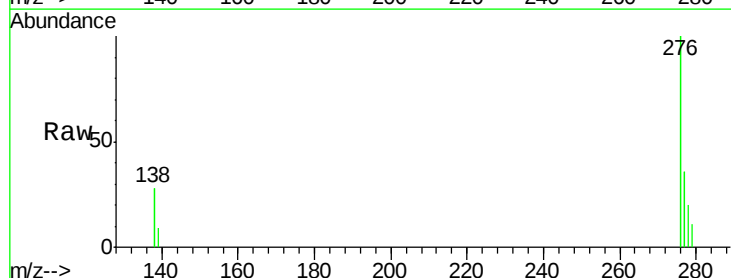
Tgt Ion: 278 Resp: 922

Ion Ratio Lower Upper

278 100

139 48.5 12.6 18.8#

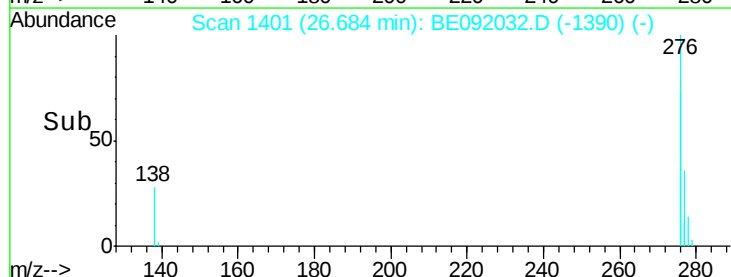
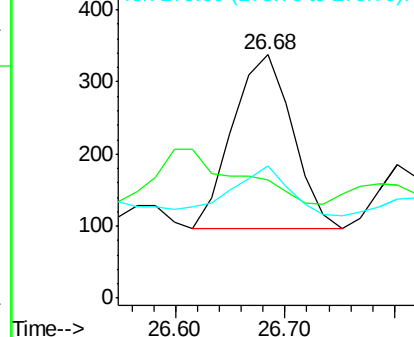
279 54.4 20.0 30.0#

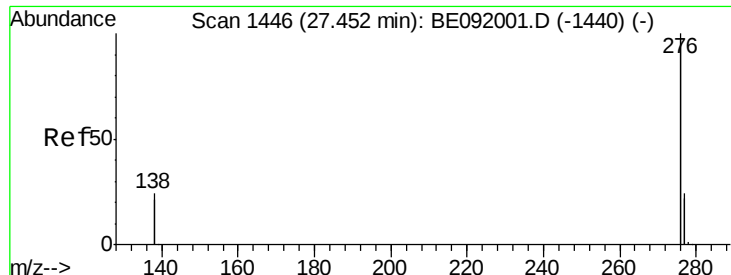


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 0.09 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BE092032.D

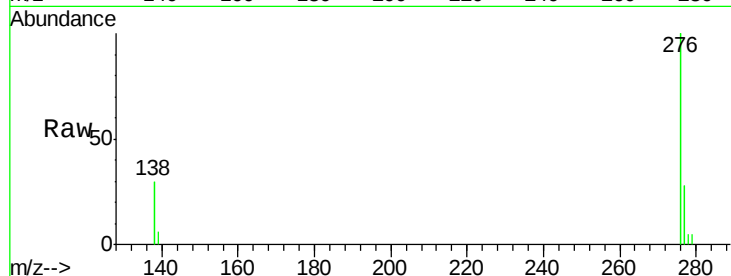
Acq: 23 Jul 2016 7:39

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005



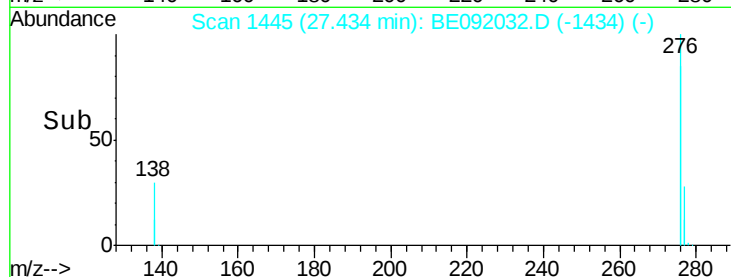
Tgt Ion: 276 Resp: 16078

Ion Ratio Lower Upper

276 100

277 28.3 19.5 29.3

138 30.2 17.7 26.5#



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

