

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080116\
 Data File : BE092102.D
 Acq On : 1 Aug 2016 21:34
 Operator : UM/SJ
 Sample : H4107-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 02 01:07:36 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:22:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	13494	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	69584	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	39179	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	134455	5.00	ng	0.00
31) Chrysene-d12	21.74	240	130606	5.00	ng	0.00
40) Perylene-d12	24.15	264	110192	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	19937	5.37	ng	0.00
5) Phenol-d6	7.33	99	30790	5.99	ng	0.00
9) Nitrobenzene-d5	9.35	82	17411	3.21	ng	0.00
16) 2,4,6-Tribromophenol	16.32	330	10369	4.01	ng	-0.02
17) 2-Fluorobiphenyl	13.46	172	46373	3.06	ng	0.00
34) Terphenyl-d14	20.21	244	42514	3.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	71	Below Cal	#	50
3) n-Nitrosodimethylamine	3.69	42	809	0.33	ng	1
6) bis(2-Chloroethyl)ether	7.59	93	113	0.03	ng	89
7) n-Nitroso-di-n-propylamine	8.98	70	95	0.02	ng	1
10) Nitrobenzene	9.39	77	207	0.04	ng	84
11) bis(2-Chloroethoxy)methane	10.40	93	214	Below Cal	#	55
12) Naphthalene	11.02	128	554	0.03	ng	69
13) Hexachlorobutadiene	11.32	225	72	0.03	ng	96
14) 2-Methylnaphthalene	12.65	142	586	0.05	ng	85
18) Acenaphthylene	14.58	152	8452	0.10	ng	93
19) 2,6-Dinitrotoluene	14.31	165	8919	0.88	ng	100
20) Acenaphthene	14.92	154	821	0.07	ng	99
21) 2,4-Dinitrotoluene	14.86	165	18811	1.12	ng	1
22) Fluorene	15.89	166	2229	0.12	ng	96
23) 4-Chlorophenyl-phenylether	15.89	204	380	0.04	ng	1
25) 4-Bromophenyl-phenylether	16.76	248	180	0.04	ng	89
26) Hexachlorobenzene	16.88	284	184	0.04	ng	97
27) Pentachlorophenol	17.25	266	329	0.72	ng	95
28) Phenanthrene	17.71	178	3875	0.05	ng	99
29) Anthracene	17.71	178	4252	0.16	ng	97
30) Fluoranthene	19.61	202	47304	0.45	ng	67
32) Benzidine	19.84	184	239	0.37	ng	1
33) Pyrene	19.98	202	70043	0.47	ng	99
35) Benzo(a)anthracene	21.72	228	13682	0.39	ng	94
36) 3,3'-Dichlorobenzidine	21.67	252	127	0.01	ng	48
37) Chrysene	21.72	228	13669	0.44	ng	96
38) Bis(2-ethylhexyl)phthalate	21.65	149	2456	Below Cal	#	23
39) Indeno(1,2,3-cd)pyrene	26.65	276	16011	0.12	ng	95
41) Benzo(b)fluoranthene	23.41	252	11021	0.35	ng	80
42) Benzo(k)fluoranthene	23.41	252	11021	0.35	ng	83
43) Benzo(a)pyrene	24.03	252	5488	0.19	ng	85
44) Dibenzo(a,h)anthracene	26.67	278	1820	0.07	ng	70
45) Benzo(g,h,i)perylene	27.42	276	15228	0.14	ng	91

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080116\
Data File : BE092102.D
Acq On : 1 Aug 2016 21:34
Operator : UM/SJ
Sample : H4107-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 02 01:07:36 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:22:55 2016
Response via : Initial Calibration

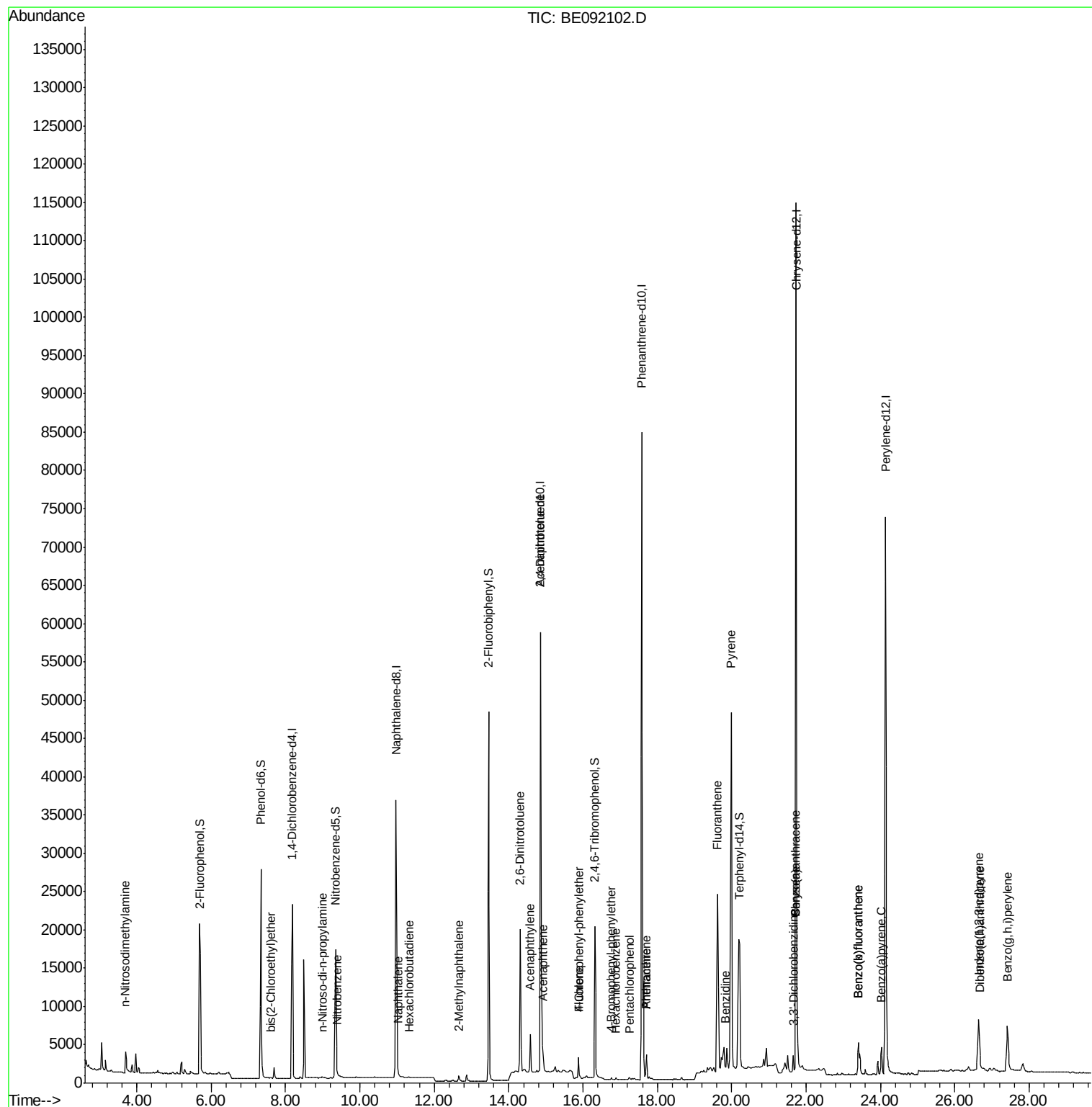
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

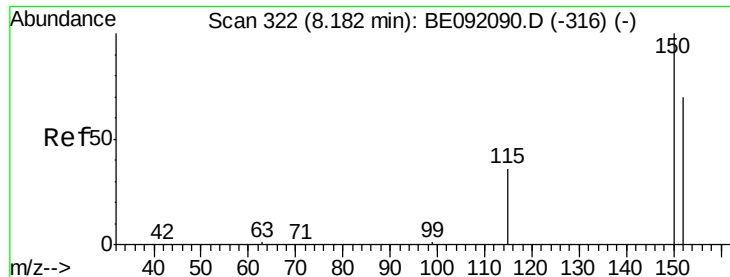
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080116\
Data File : BE092102.D
Acq On : 1 Aug 2016 21:34
Operator : UM/SJ
Sample : H4107-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 02 01:07:36 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:22:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

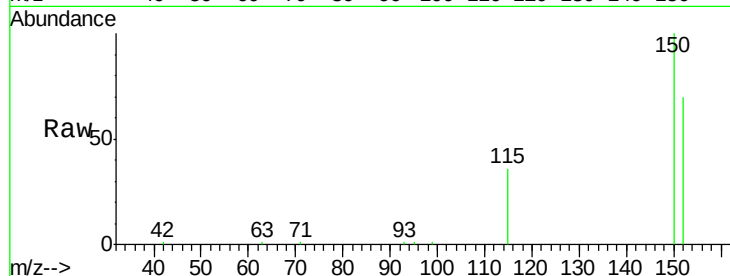
Tgt Ion:152 Resp: 13494

Ion Ratio Lower Upper

152 100

150 142.8 106.0 159.0

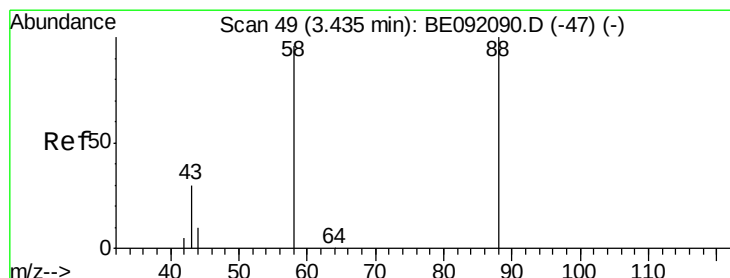
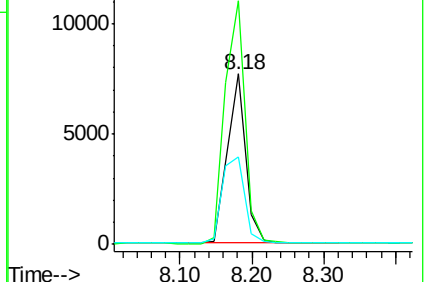
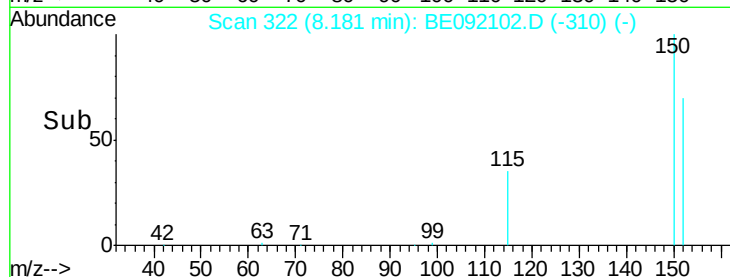
115 51.3 36.9 55.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.44 min Scan# 49

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

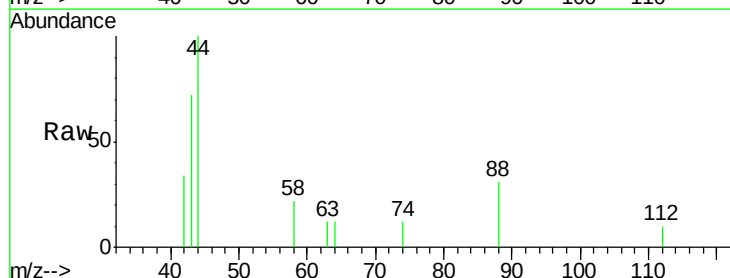
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

58 38.0 62.1 93.1#

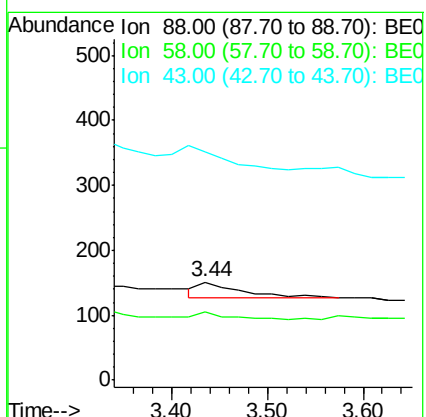
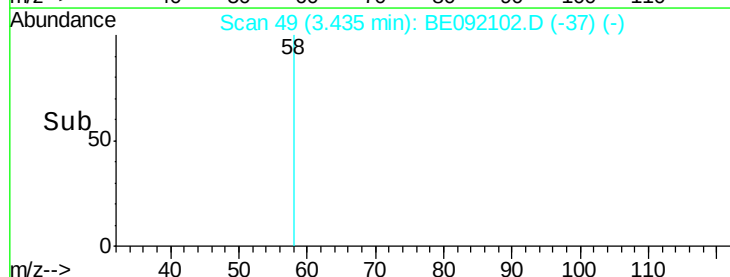
43 0.0 27.2 40.8#

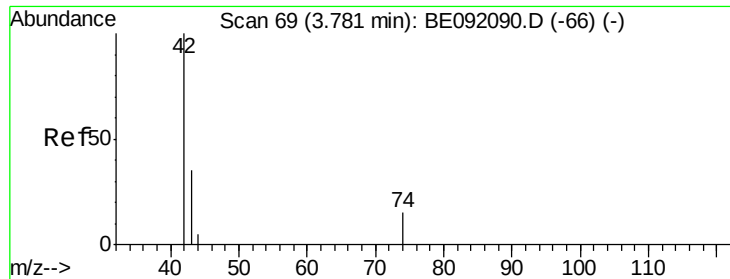


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.33 ng

RT: 3.69 min Scan# 64

Delta R.T. -0.09 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

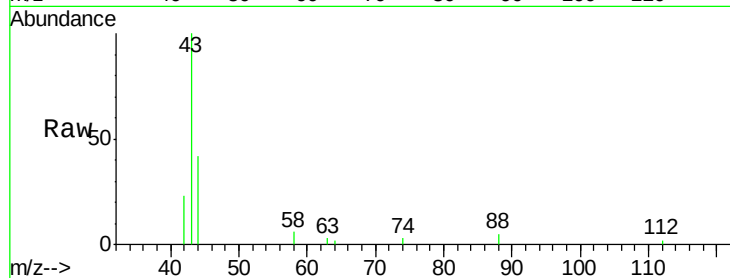
Tgt Ion: 42 Resp: 809

Ion Ratio Lower Upper

42 100

74 1.1 82.8 124.2#

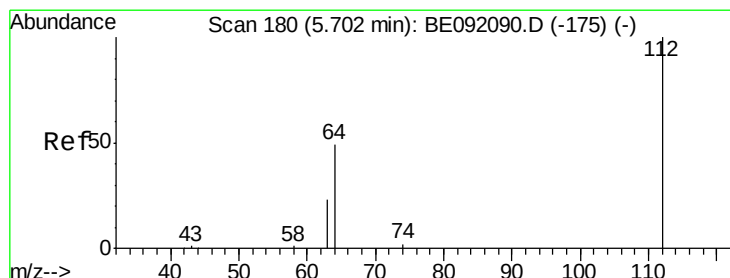
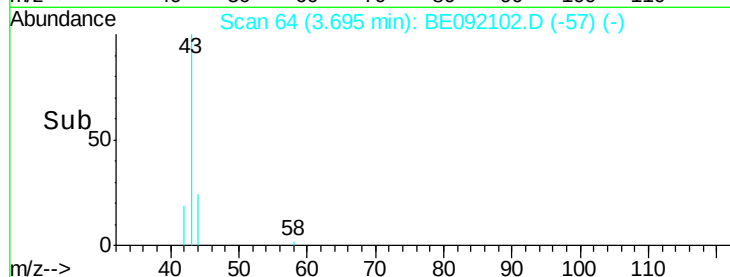
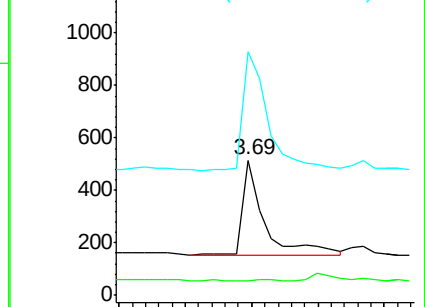
44 141.9 9.0 13.4#



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



#4

2-Fluorophenol

Concen: 5.37 ng

RT: 5.70 min Scan# 180

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

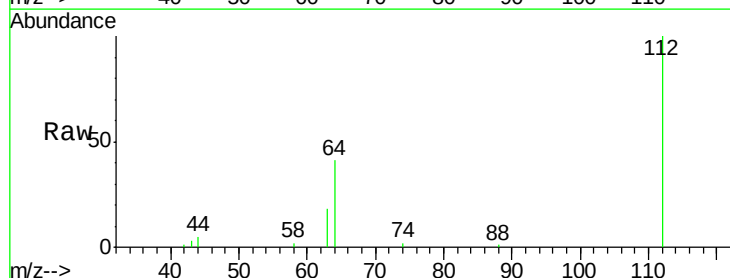
Tgt Ion: 112 Resp: 19937

Ion Ratio Lower Upper

112 100

64 67.2 55.9 83.9

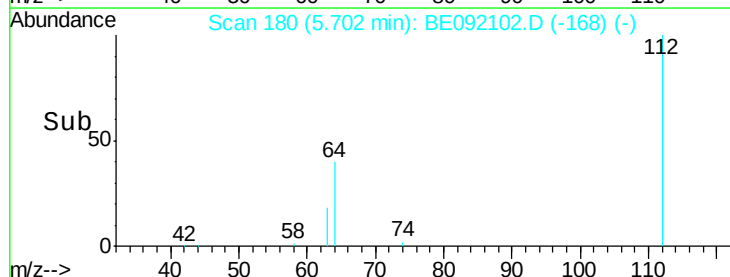
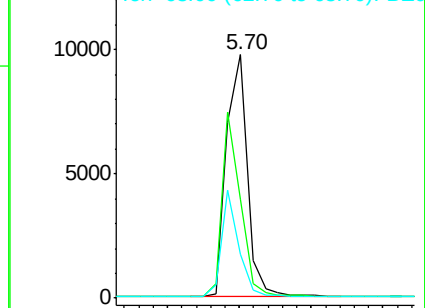
63 36.3 31.1 46.7

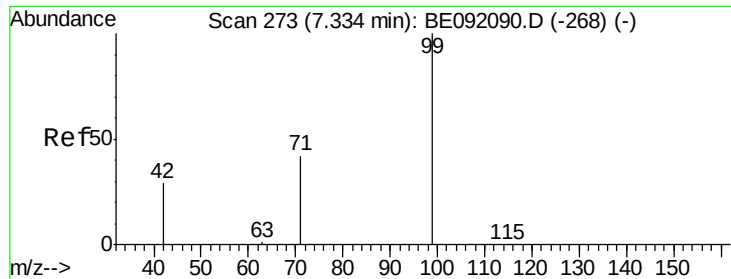


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.99 ng

RT: 7.33 min Scan# 273

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

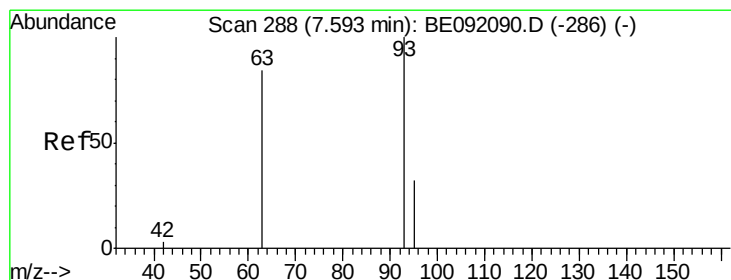
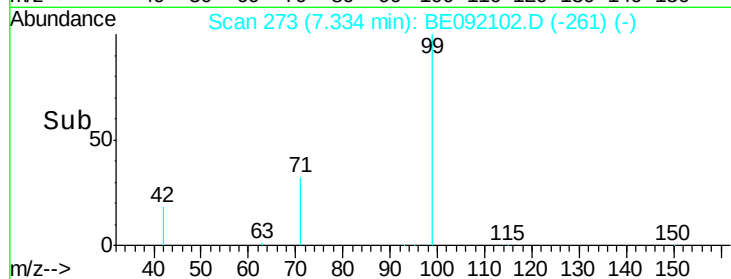
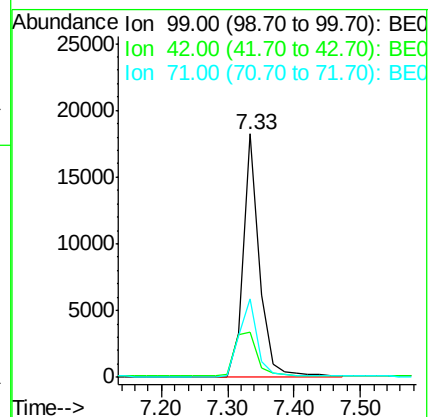
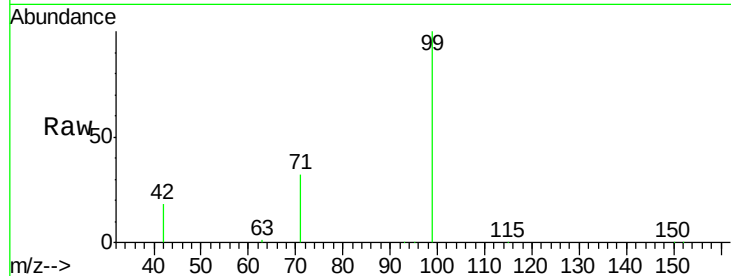
Tgt Ion: 99 Resp: 30790

Ion Ratio Lower Upper

99 100

42 24.7 22.4 33.6

71 35.6 28.9 43.3



#6

bis(2-Chloroethyl)ether

Concen: 0.03 ng

RT: 7.59 min Scan# 288

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

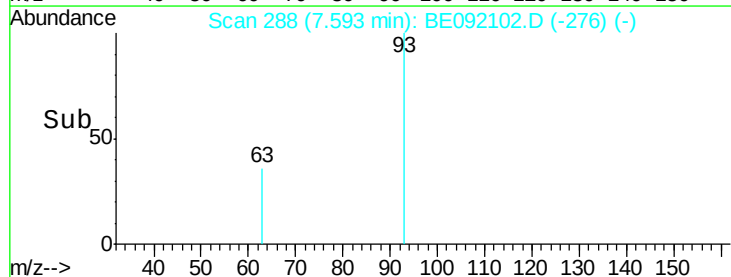
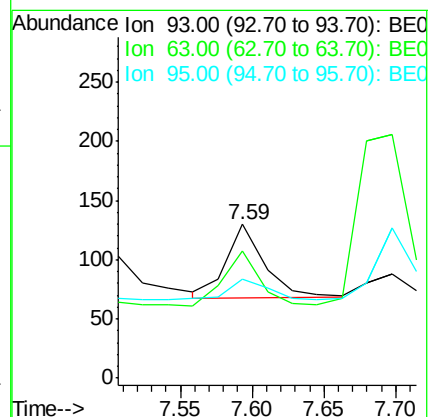
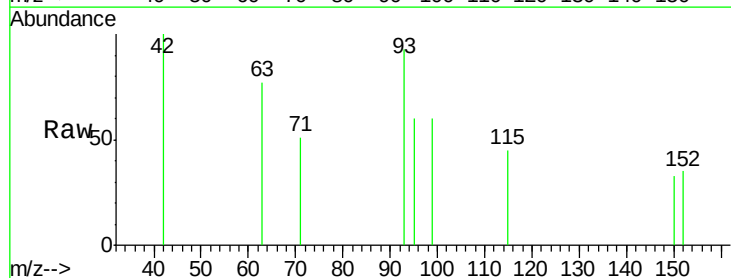
Tgt Ion: 93 Resp: 113

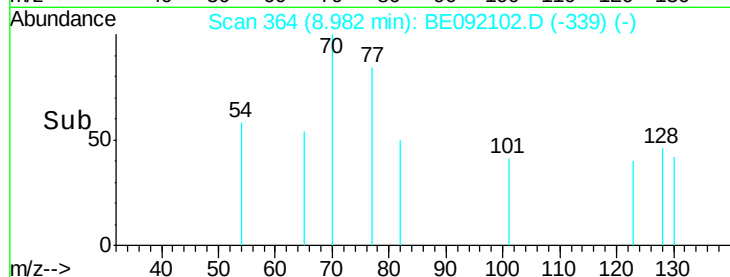
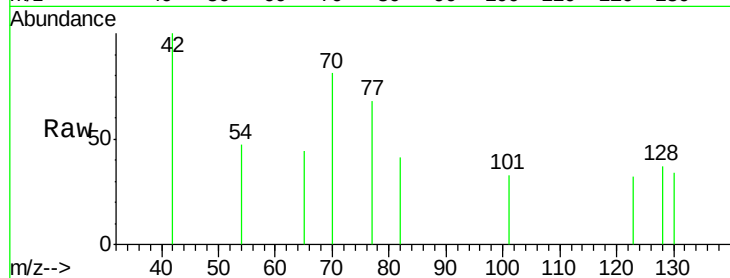
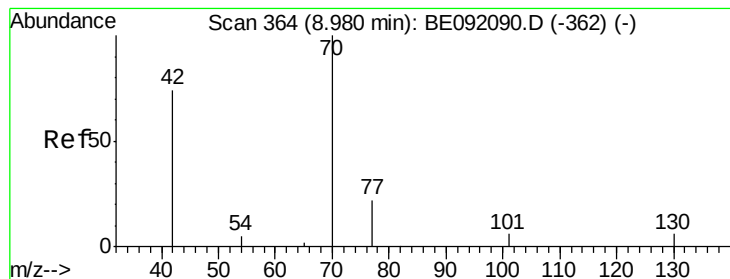
Ion Ratio Lower Upper

93 100

63 67.3 64.4 96.6

95 31.0 25.8 38.8





#7

n-Nitroso-di-n-propylamine

Concen: 0.02 ng

RT: 8.98 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

Tgt Ion: 70 Resp: 95

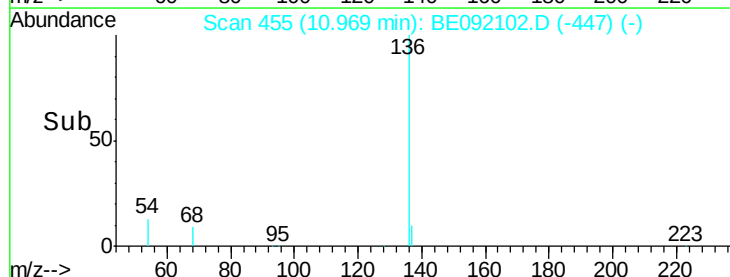
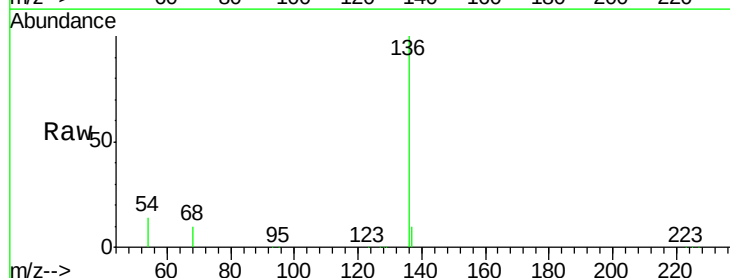
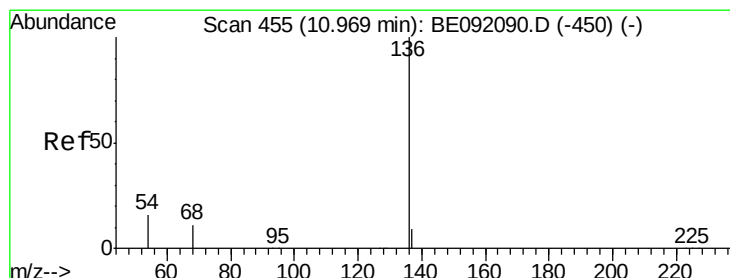
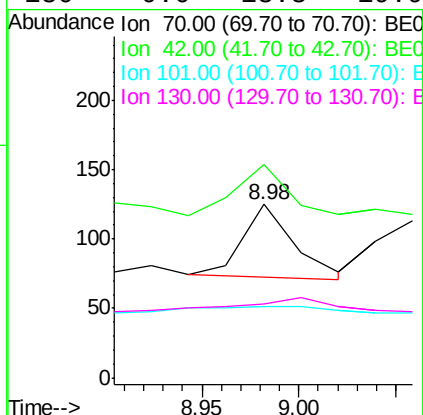
Ion Ratio Lower Upper

70 100

42 198.9 60.2 90.4#

101 0.0 6.8 10.2#

130 0.0 13.3 19.9#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 455

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Tgt Ion: 136 Resp: 69584

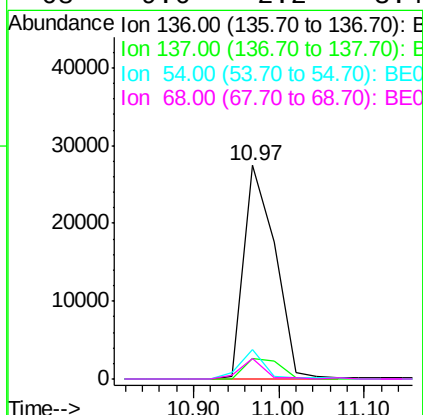
Ion Ratio Lower Upper

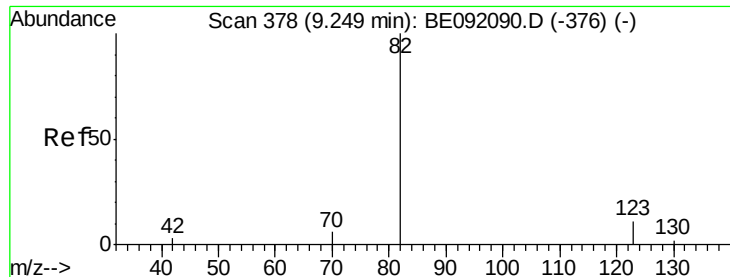
136 100

137 9.8 9.1 13.7

54 13.6 2.7 4.1#

68 9.6 2.2 3.4#

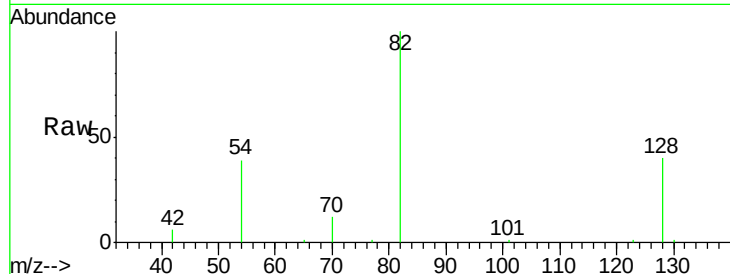




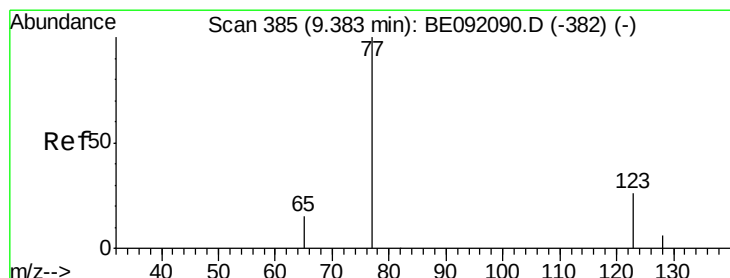
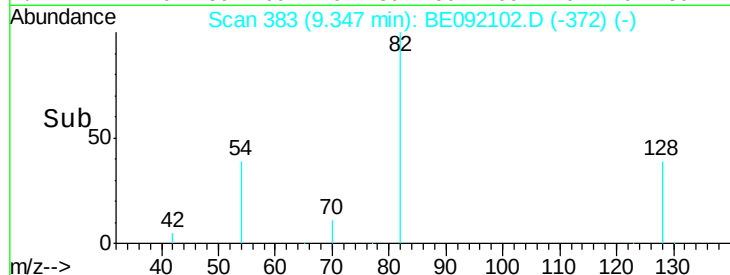
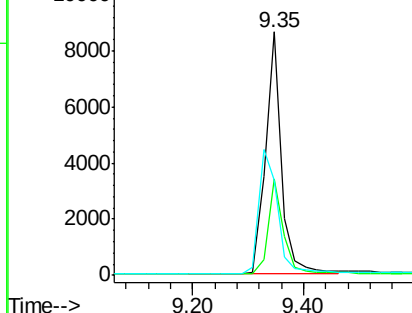
#9
Nitrobenzene-d5
Concen: 3.21 ng
RT: 9.35 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

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

Tgt Ion: 82 Resp: 17411
Ion Ratio Lower Upper
82 100
128 39.6 33.0 49.4
54 39.2 42.6 63.8#

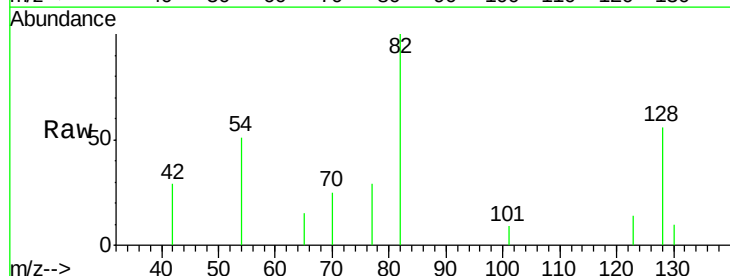


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

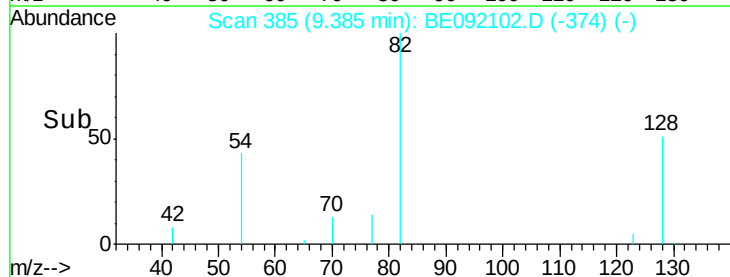
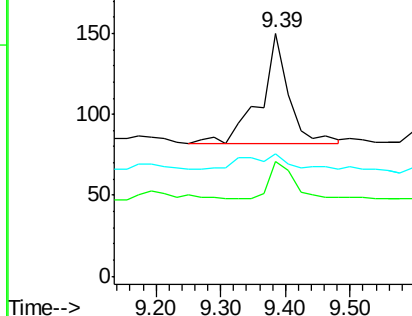


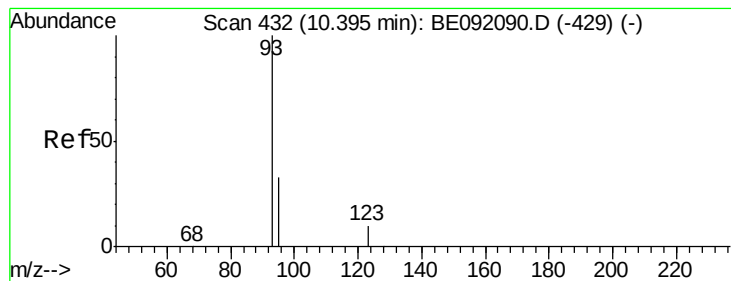
#10
Nitrobenzene
Concen: 0.04 ng
RT: 9.39 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

Tgt Ion: 77 Resp: 207
Ion Ratio Lower Upper
77 100
123 28.5 29.9 44.9#
65 21.7 11.4 17.0#



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: Below Cal

RT: 10.40 min Scan# 432

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

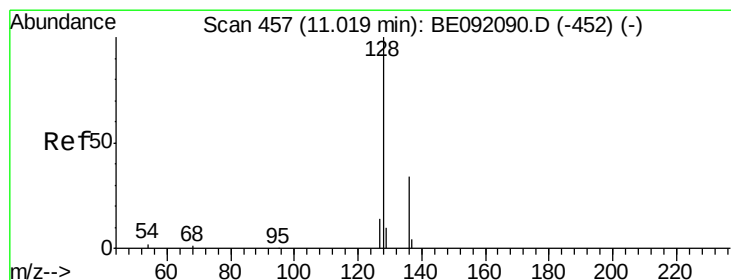
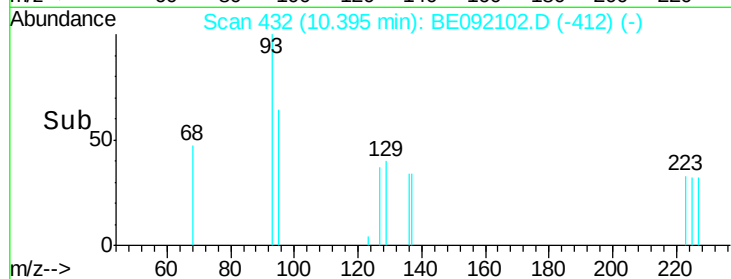
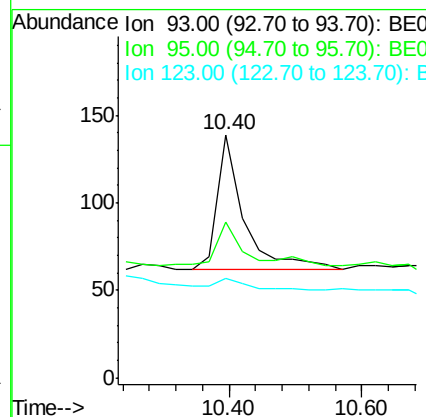
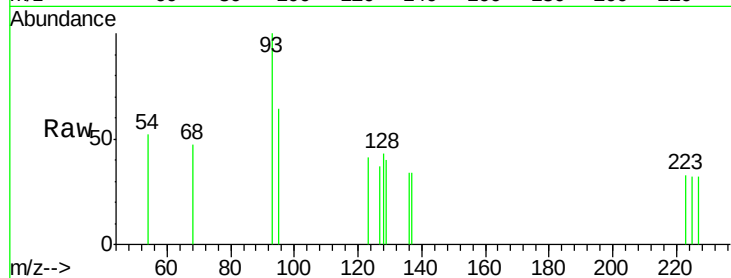
Tgt Ion: 93 Resp: 214

Ion Ratio Lower Upper

93 100

95 0.0 25.0 37.6#

123 12.6 7.8 11.8#



#12

Naphthalene

Concen: 0.03 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

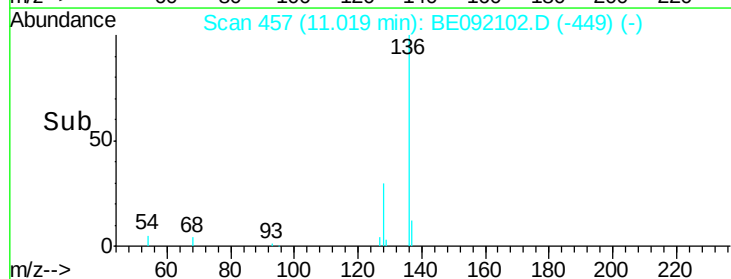
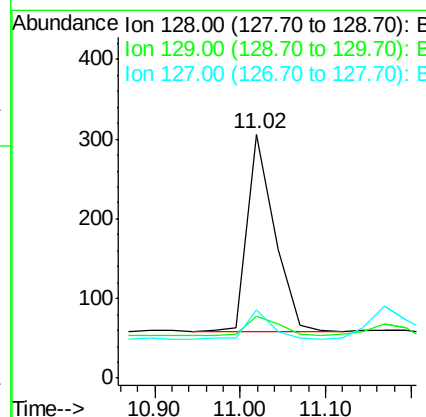
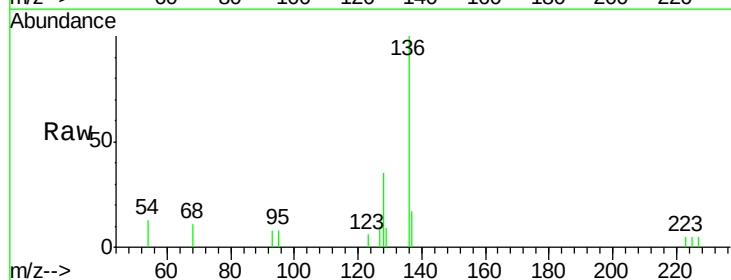
Tgt Ion: 128 Resp: 554

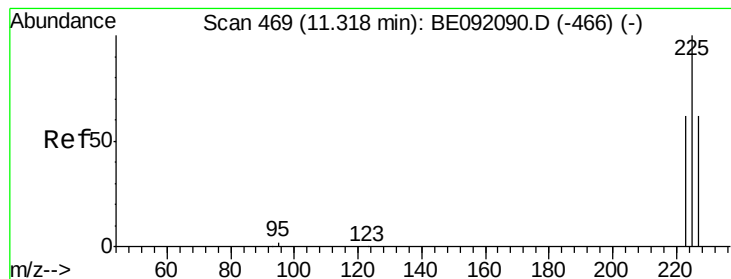
Ion Ratio Lower Upper

128 100

129 25.5 11.1 16.7#

127 28.1 11.3 16.9#





#13

Hexachlorobutadiene

Concen: 0.03 ng

RT: 11.32 min Scan# 469

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

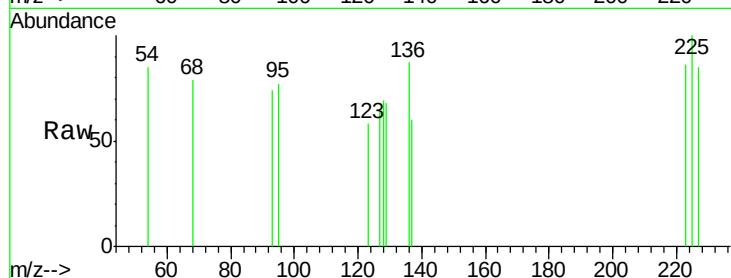
Tgt Ion: 225 Resp: 72

Ion Ratio Lower Upper

225 100

223 68.1 51.9 77.9

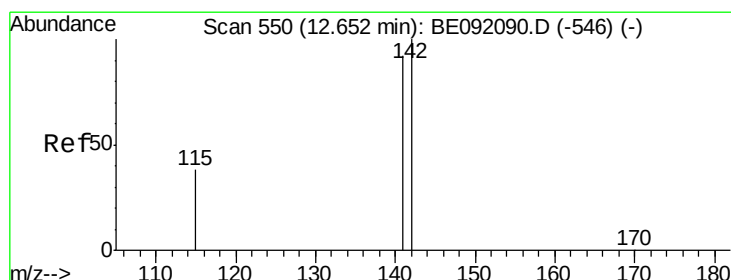
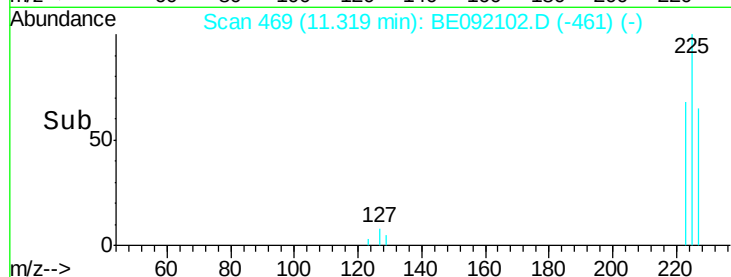
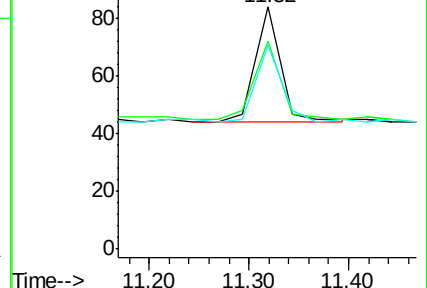
227 72.2 0.0 0.0#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#14

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.65 min Scan# 550

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

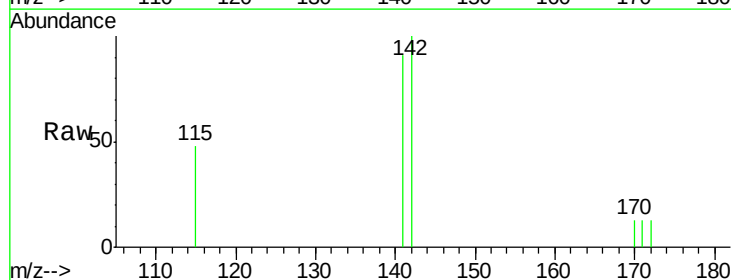
Tgt Ion: 142 Resp: 586

Ion Ratio Lower Upper

142 100

141 91.0 65.1 97.7

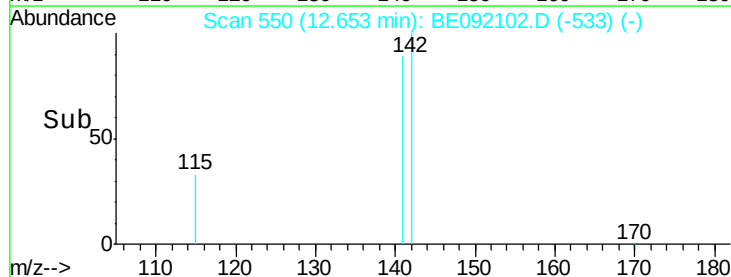
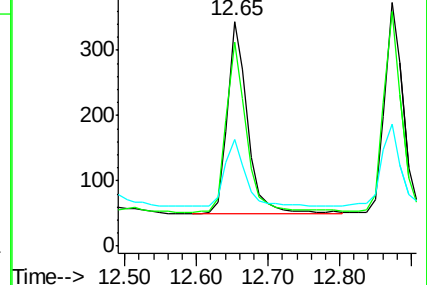
115 47.7 27.0 40.4#

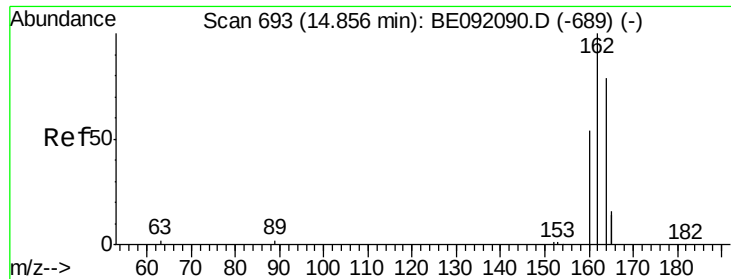


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

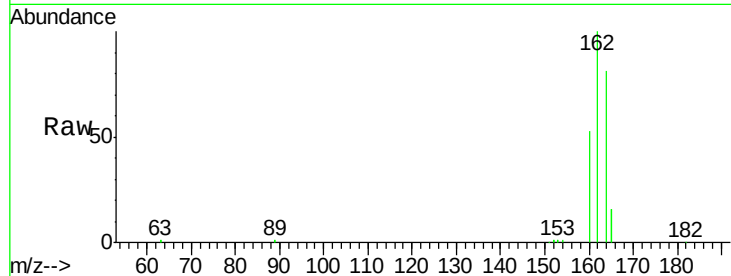
Tgt Ion:164 Resp: 39179

Ion Ratio Lower Upper

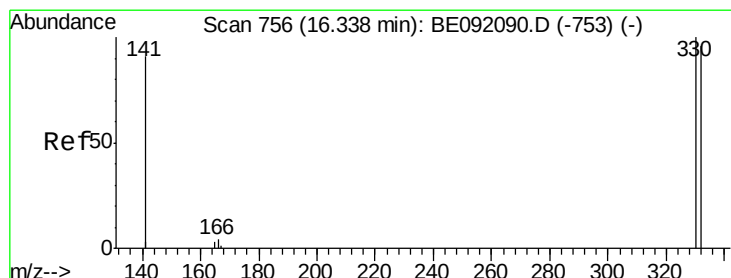
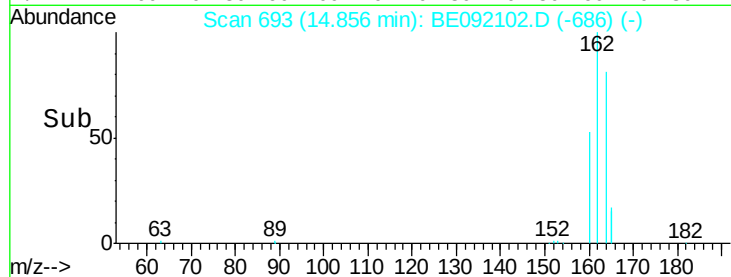
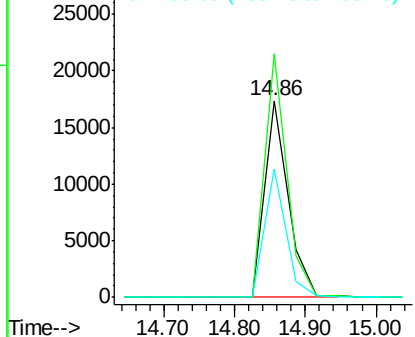
164 100

162 123.9 69.5 104.3#

160 65.2 27.6 41.4#



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



#16

2,4,6-Tribromophenol

Concen: 4.01 ng

RT: 16.32 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

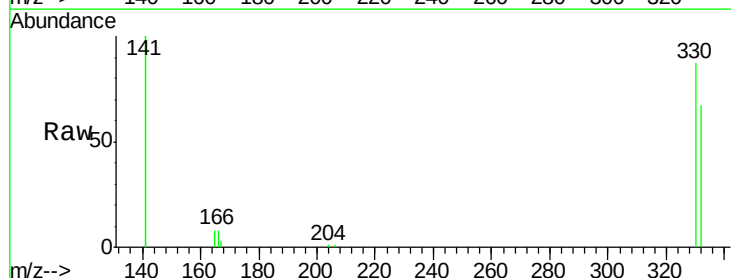
Tgt Ion:330 Resp: 10369

Ion Ratio Lower Upper

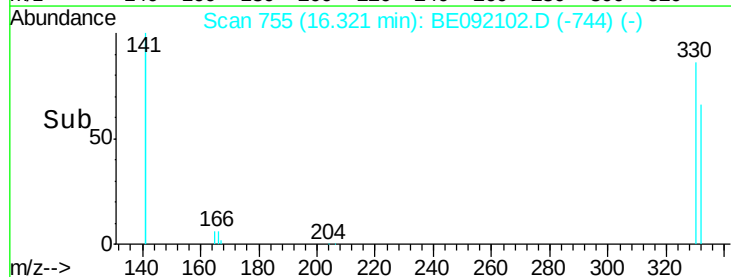
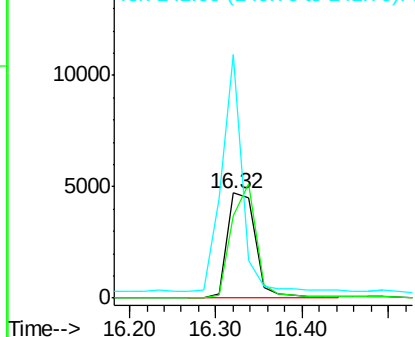
330 100

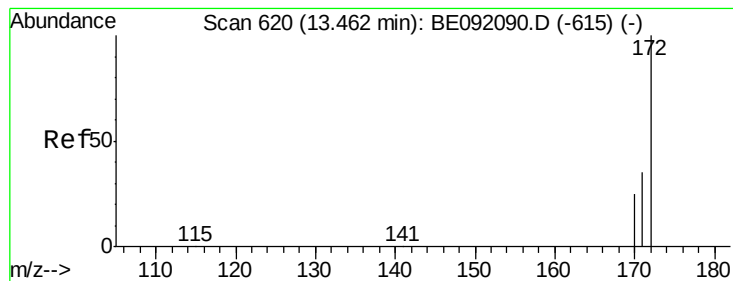
332 96.6 74.2 111.4

141 170.7 139.8 209.8



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

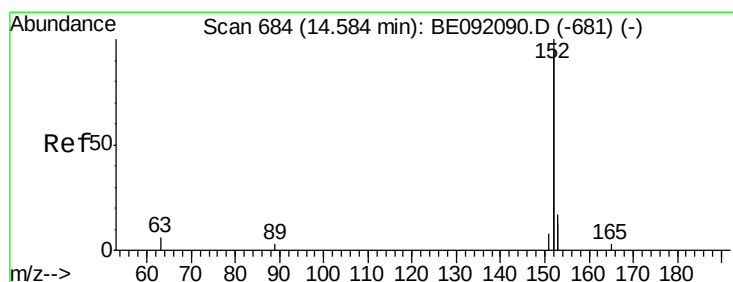
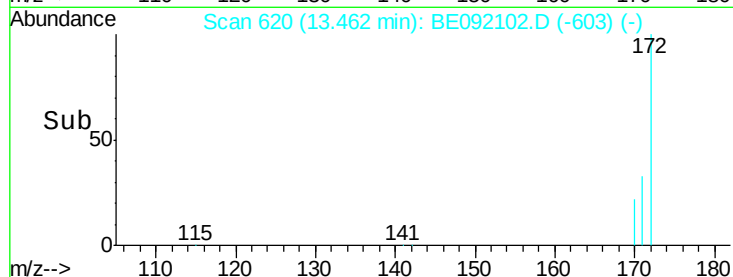
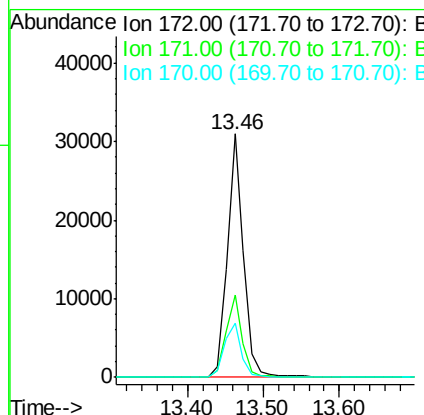
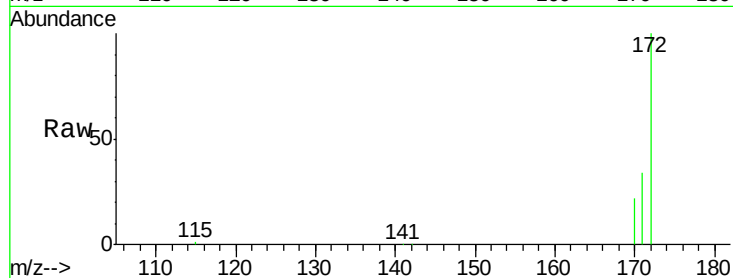




#17
2-Fluorobiphenyl
Concen: 3.06 ng
RT: 13.46 min Scan# 620
Delta R.T. 0.00 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

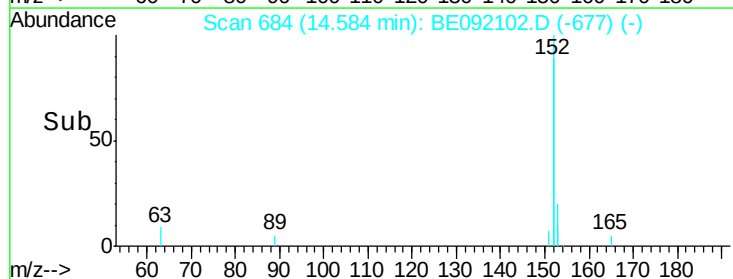
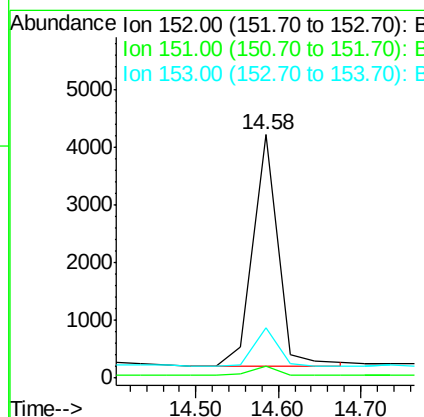
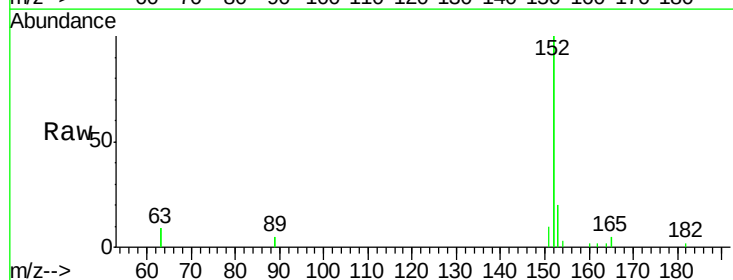
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-005

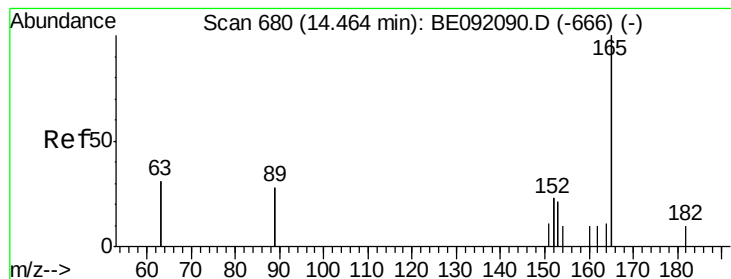
Tgt Ion:172 Resp: 46373
Ion Ratio Lower Upper
172 100
171 33.6 30.3 45.5
170 22.1 21.6 32.4



#18
Acenaphthylene
Concen: 0.10 ng
RT: 14.58 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

Tgt Ion:152 Resp: 8452
Ion Ratio Lower Upper
152 100
151 4.3 4.0 6.0
153 15.7 9.6 14.4#





#19

2,6-Dinitrotoluene

Concen: 0.88 ng

RT: 14.31 min Scan# 675

Delta R.T. -0.15 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

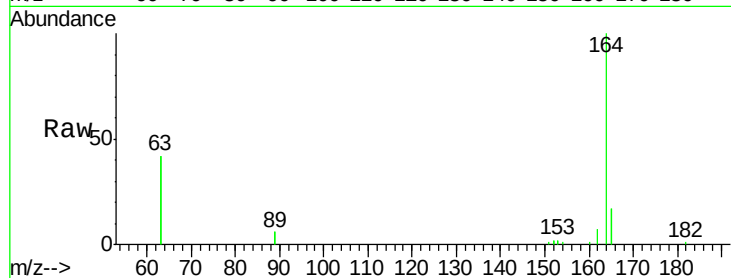
Tgt Ion:165 Resp: 8919

Ion Ratio Lower Upper

165 100

63 183.0 0.0 0.0#

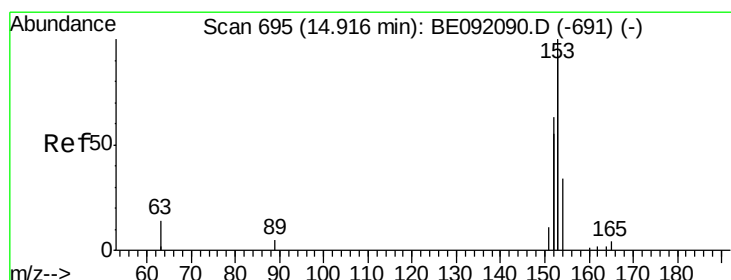
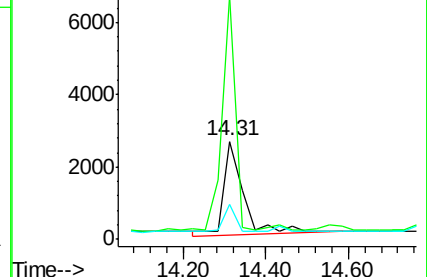
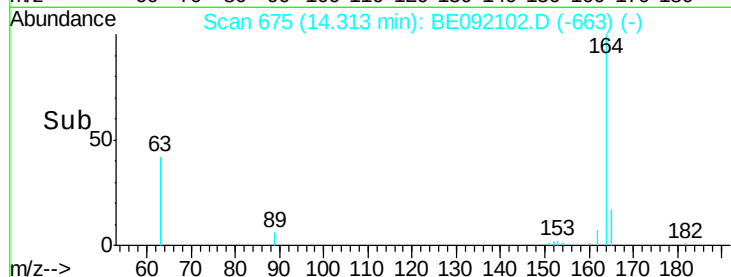
89 27.1 0.0 0.0#



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



#20

Acenaphthene

Concen: 0.07 ng

RT: 14.92 min Scan# 695

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

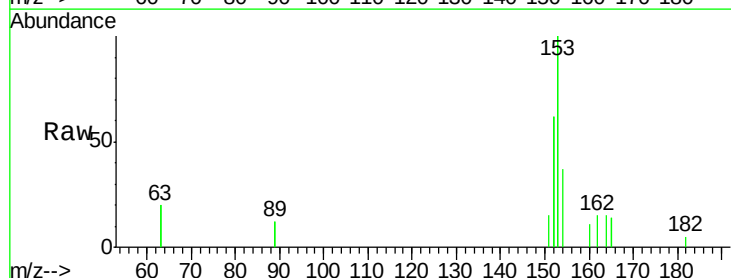
Tgt Ion:154 Resp: 821

Ion Ratio Lower Upper

154 100

153 427.9 345.1 517.7

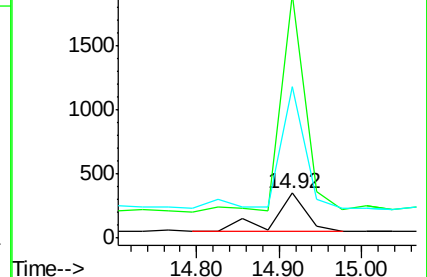
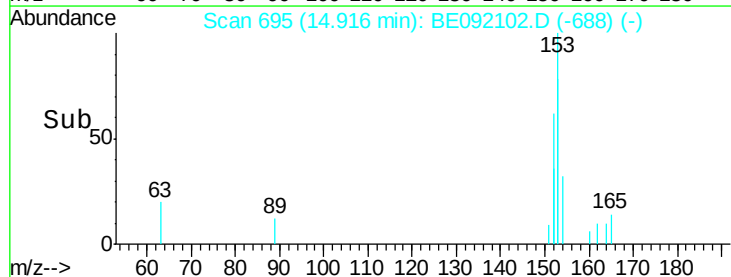
152 244.2 0.0 0.0#

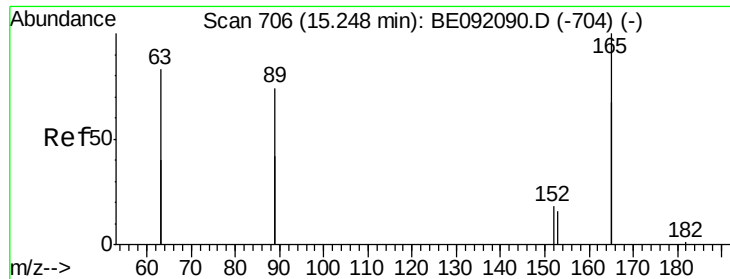


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

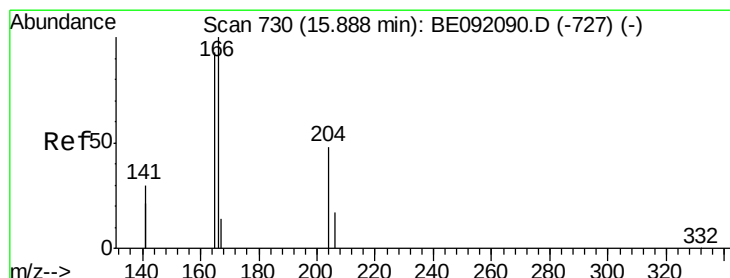
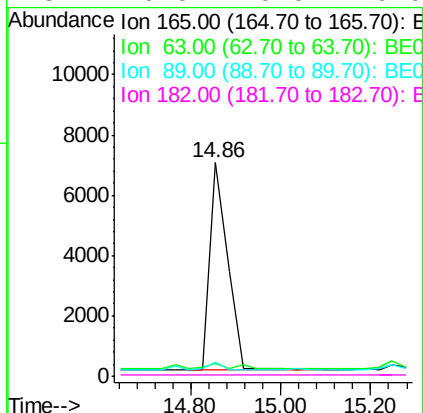
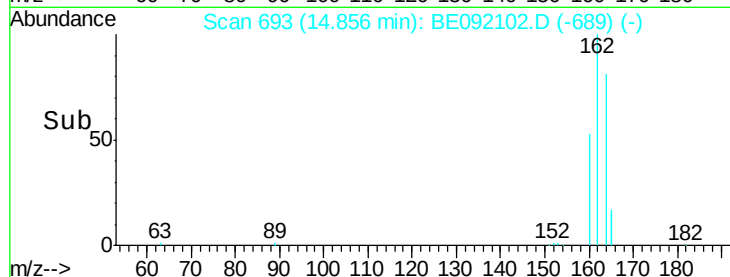
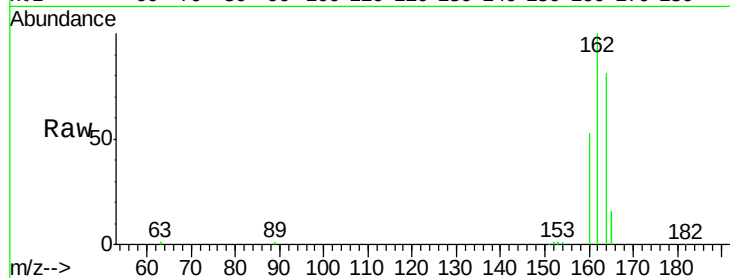




#21
2,4-Dinitrotoluene
Concen: 1.12 ng
RT: 14.86 min Scan# 693
Delta R.T. -0.39 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

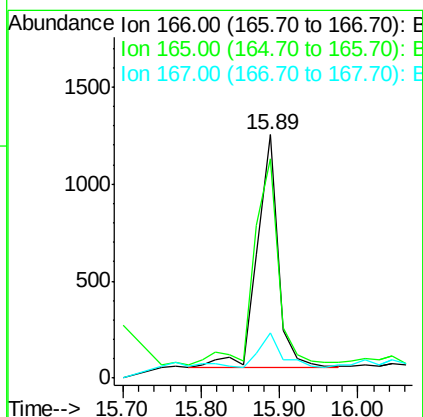
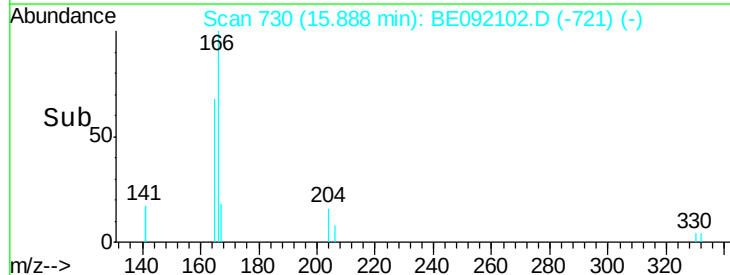
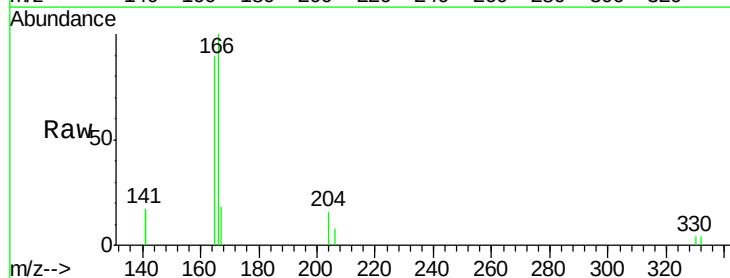
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-005

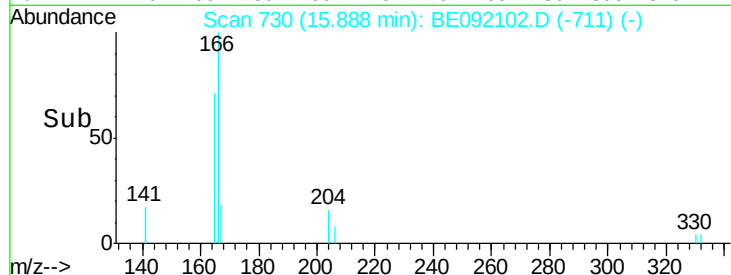
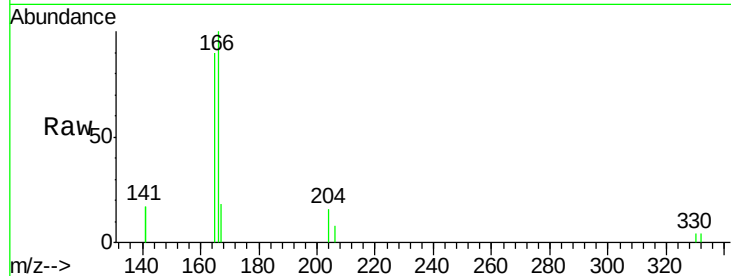
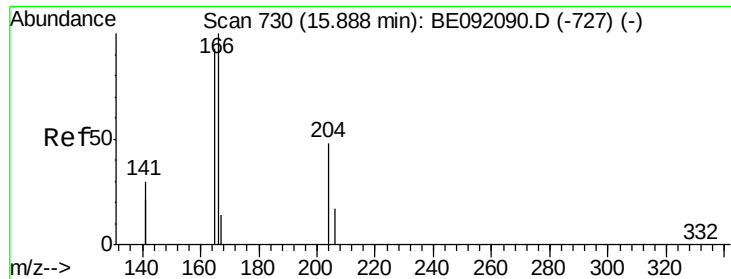
Tgt Ion:165 Resp: 18811
Ion Ratio Lower Upper
165 100
63 0.0 324.0 486.0#
89 3.1 308.4 462.6#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.12 ng
RT: 15.89 min Scan# 730
Delta R.T. -0.00 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

Tgt Ion:166 Resp: 2229
Ion Ratio Lower Upper
166 100
165 102.8 78.6 118.0
167 15.1 11.1 16.7





#23

4-Chlorophenyl-phenylether

Concen: 0.04 ng

RT: 15.89 min Scan# 730

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

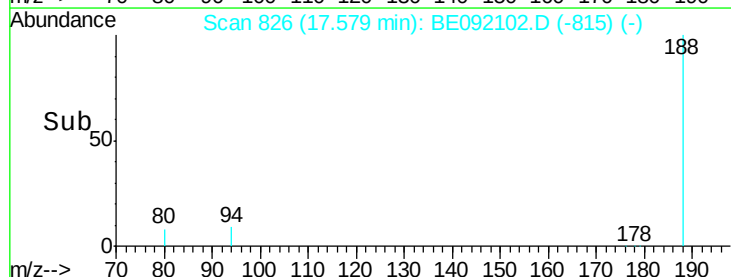
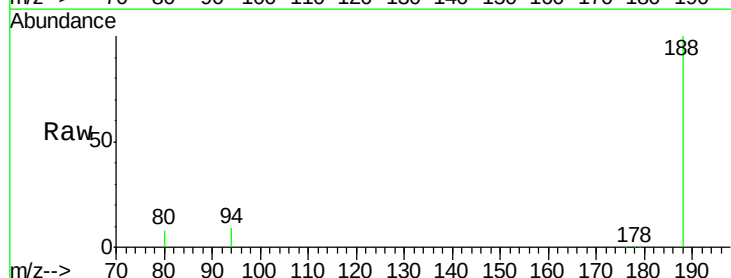
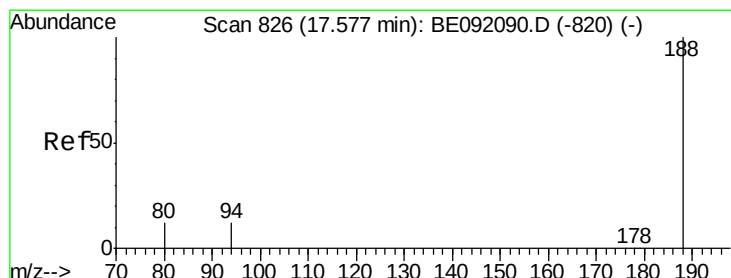
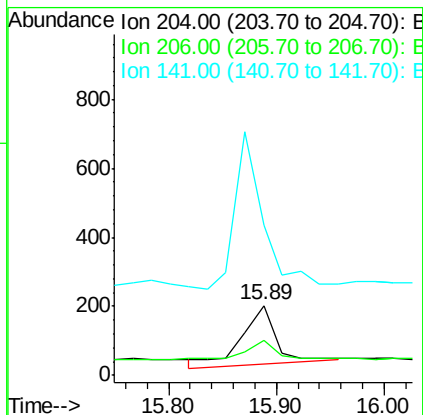
Tgt Ion:204 Resp: 380

Ion Ratio Lower Upper

204 100

206 49.7 27.0 40.4#

141 457.1 198.5 297.7#



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

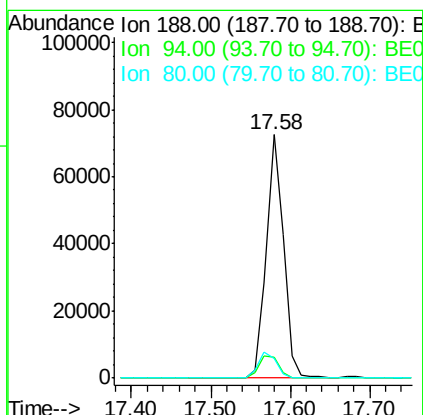
Tgt Ion:188 Resp: 134455

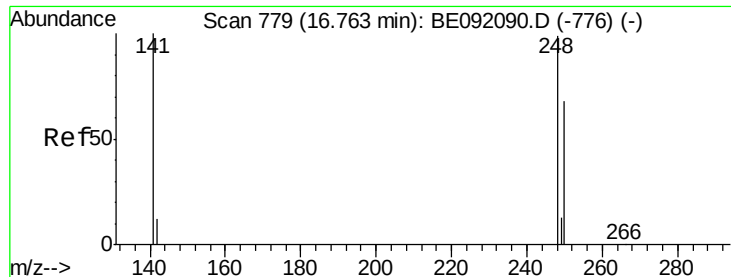
Ion Ratio Lower Upper

188 100

94 8.6 3.9 5.9#

80 8.1 3.4 5.0#





#25

4-Bromophenyl-phenylether

Concen: 0.04 ng

RT: 16.76 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

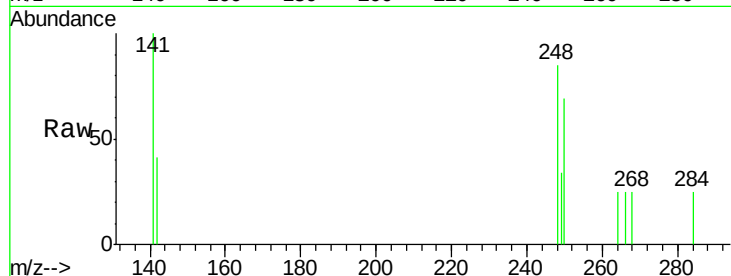
Tgt Ion:248 Resp: 180

Ion Ratio Lower Upper

248 100

250 96.1 79.6 119.4

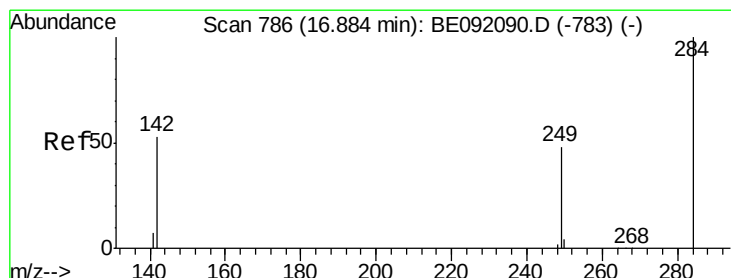
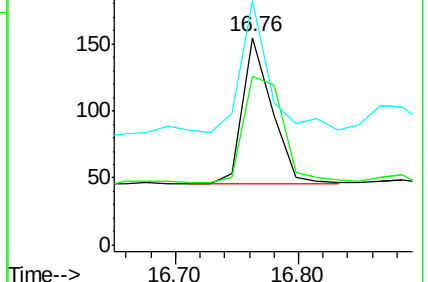
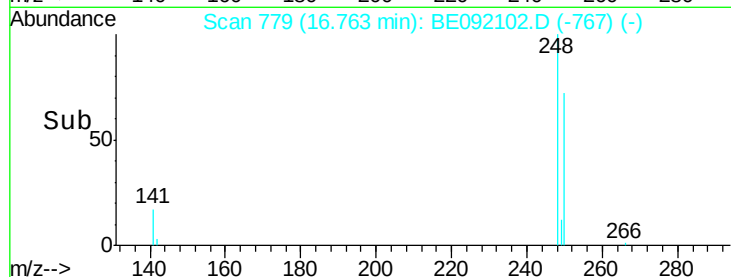
141 104.4 68.7 103.1#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 0.04 ng

RT: 16.88 min Scan# 786

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

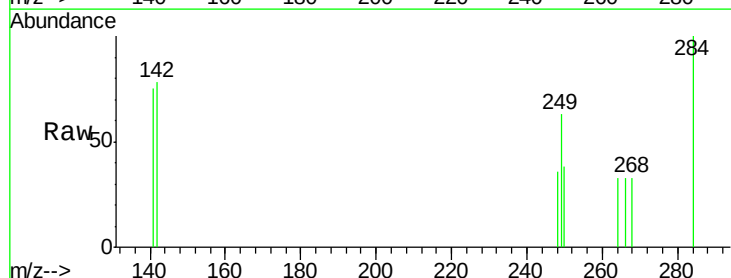
Tgt Ion:284 Resp: 184

Ion Ratio Lower Upper

284 100

142 43.5 33.3 49.9

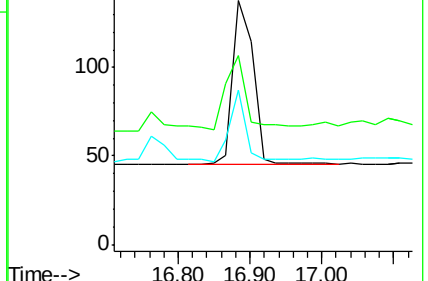
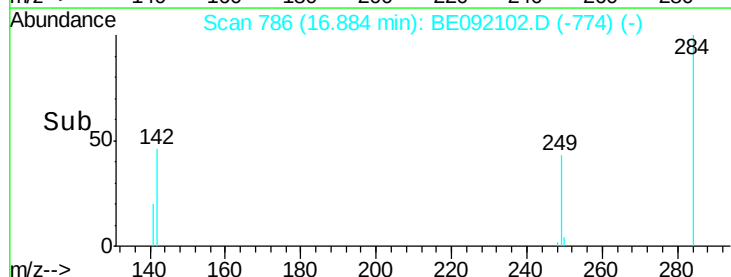
249 29.9 25.4 38.0

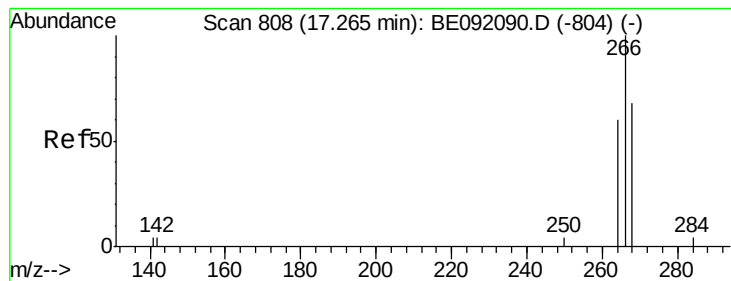


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.72 ng

RT: 17.25 min Scan# 807

Delta R.T. -0.02 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

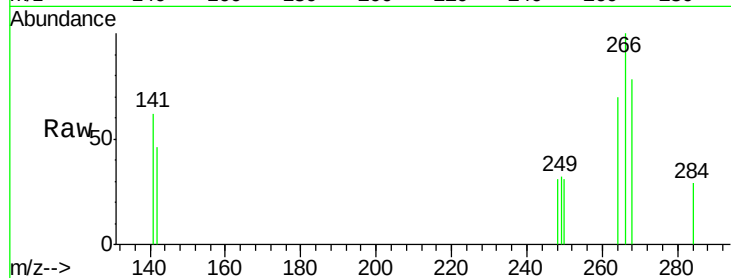
Tgt Ion:266 Resp: 329

Ion Ratio Lower Upper

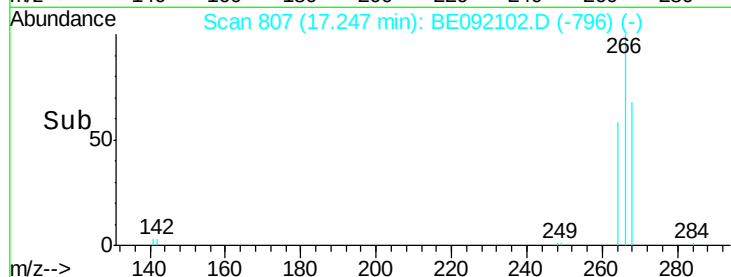
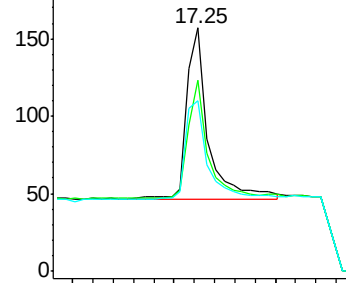
266 100

268 78.3 62.7 94.1

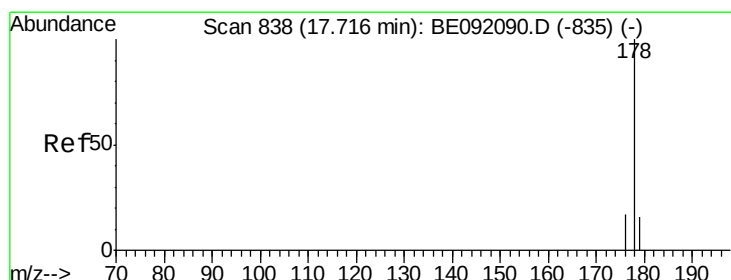
264 70.1 63.5 95.3



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



Time-->



#28

Phenanthrene

Concen: 0.05 ng

RT: 17.71 min Scan# 837

Delta R.T. 0.08 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

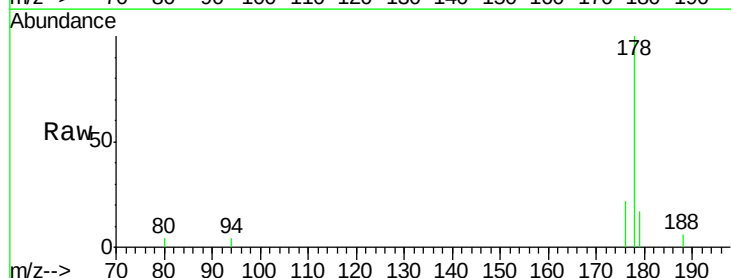
Tgt Ion:178 Resp: 3875

Ion Ratio Lower Upper

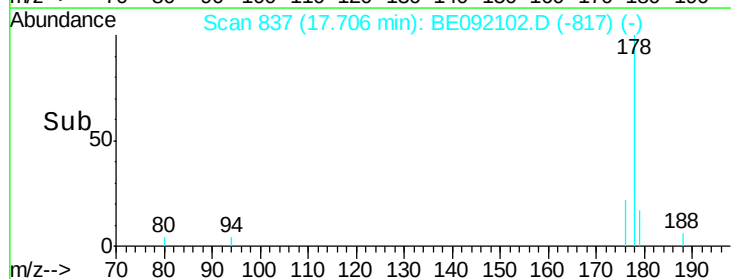
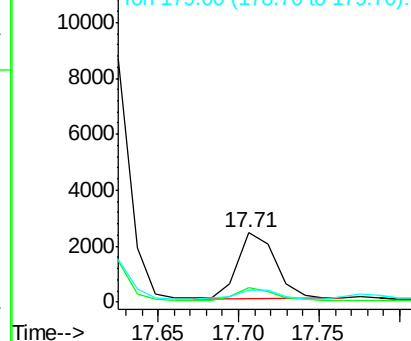
178 100

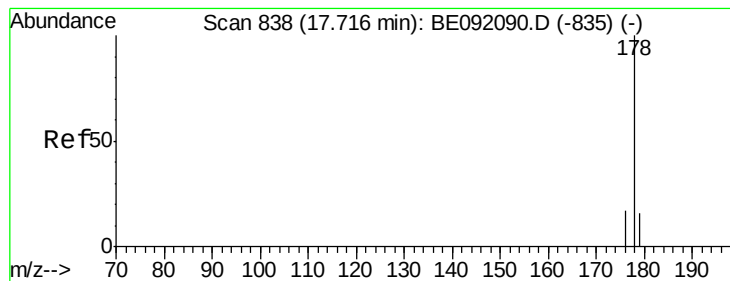
176 19.9 15.4 23.0

179 15.8 12.7 19.1



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





#29

Anthracene

Concen: 0.16 ng

RT: 17.71 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

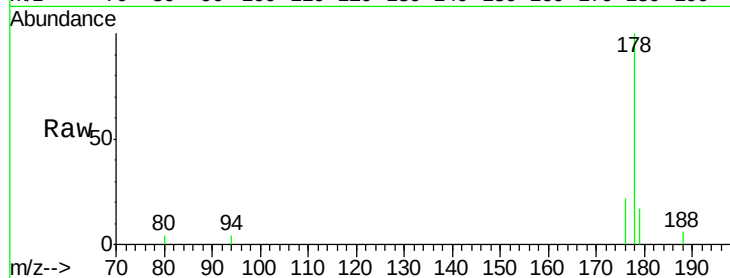
Tgt Ion:178 Resp: 4252

Ion Ratio Lower Upper

178 100

176 17.9 15.2 22.8

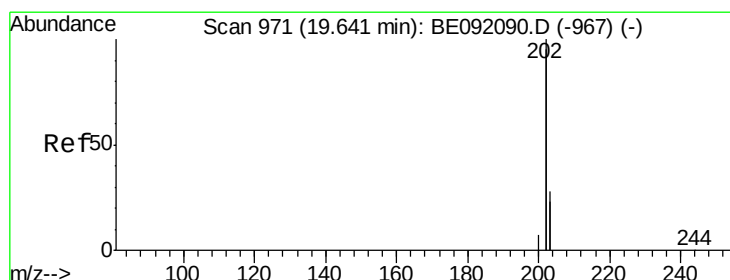
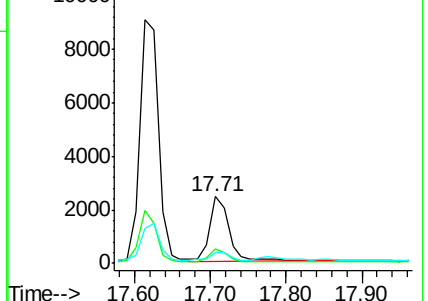
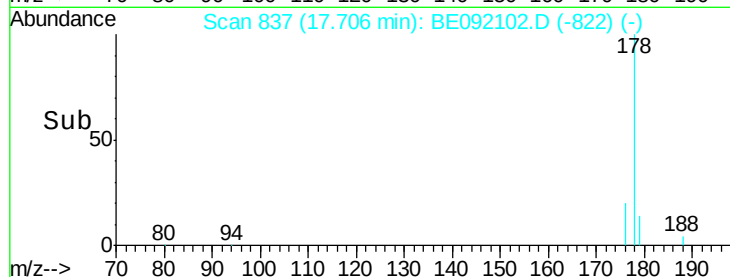
179 13.5 12.2 18.4



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



#30

Fluoranthene

Concen: 0.45 ng

RT: 19.61 min Scan# 969

Delta R.T. -0.03 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

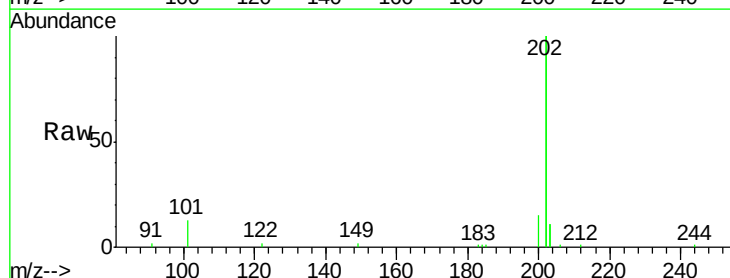
Tgt Ion:202 Resp: 47304

Ion Ratio Lower Upper

202 100

101 4.4 2.2 3.2#

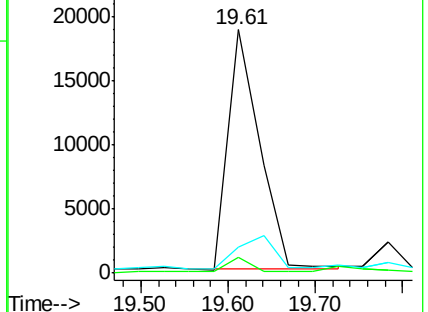
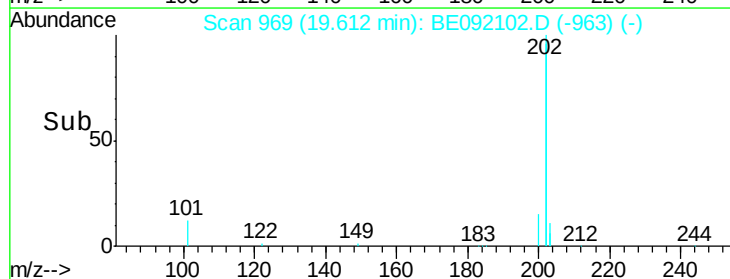
203 0.0 13.0 19.4#

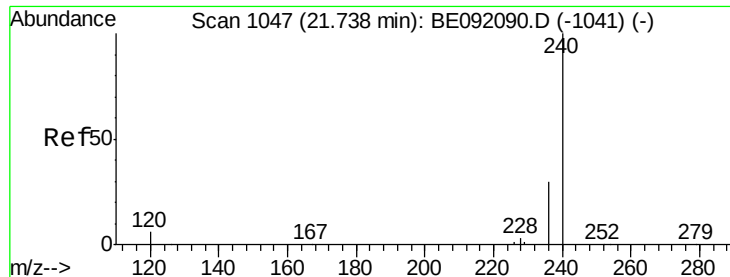


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

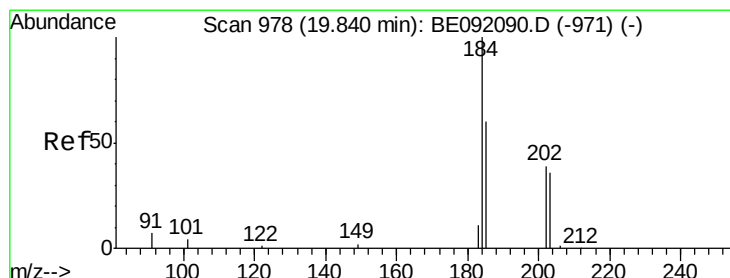
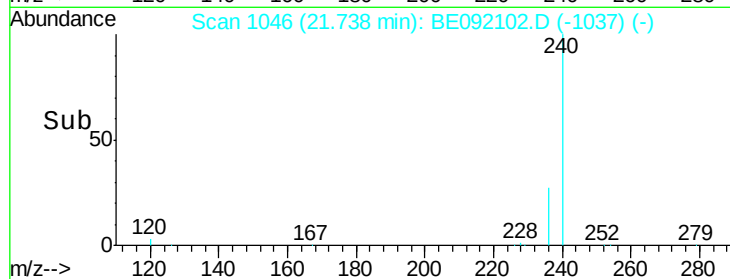
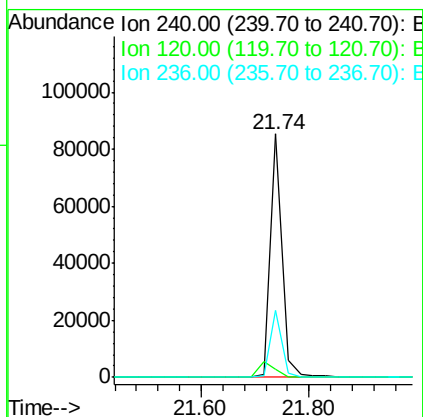
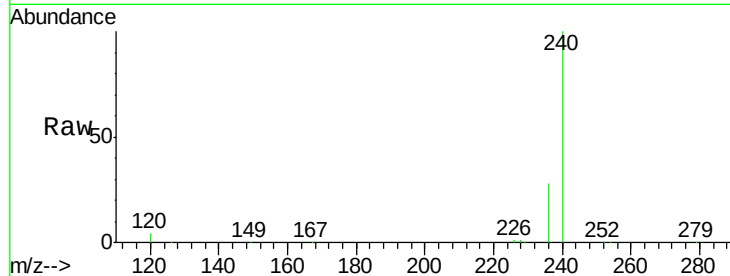




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.74 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

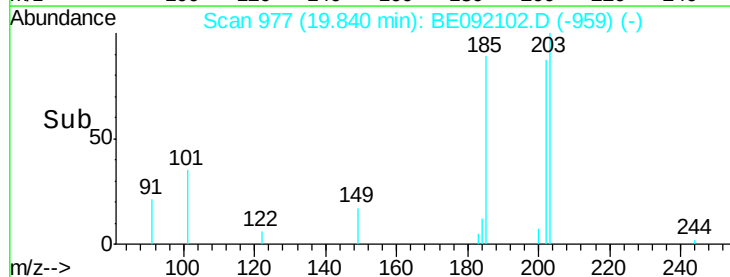
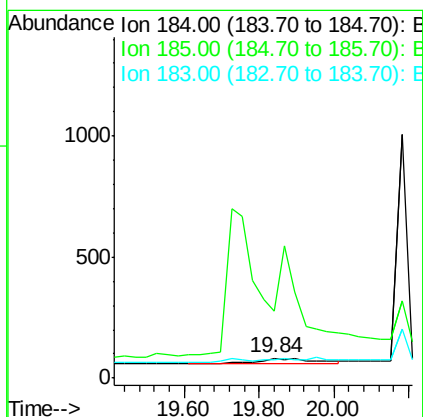
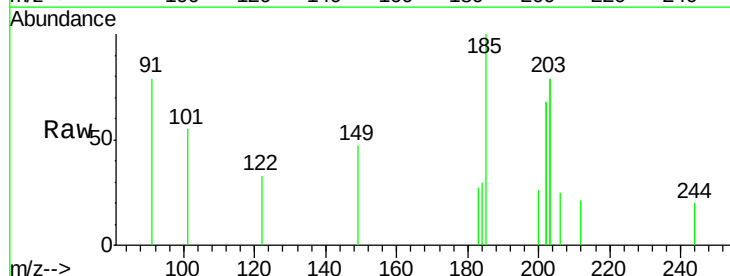
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-005

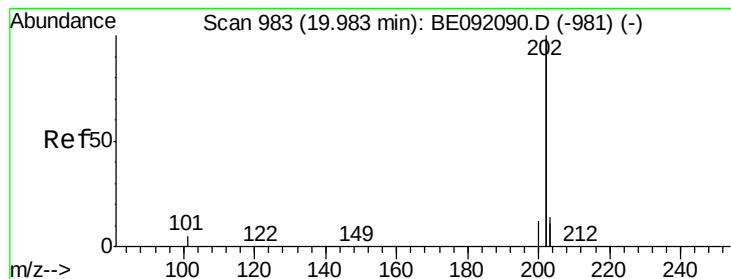
Tgt Ion:240 Resp: 130606
Ion Ratio Lower Upper
240 100
120 3.6 0.6 1.0#
236 27.6 18.2 27.4#



#32
Benzidine
Concen: 0.37 ng
RT: 19.84 min Scan# 977
Delta R.T. -0.00 min
Lab File: BE092102.D
Acq: 1 Aug 2016 21:34

Tgt Ion:184 Resp: 239
Ion Ratio Lower Upper
184 100
185 331.3 23.8 35.6#
183 89.2 20.7 31.1#





#33

Pyrene

Concen: 0.47 ng

RT: 19.98 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

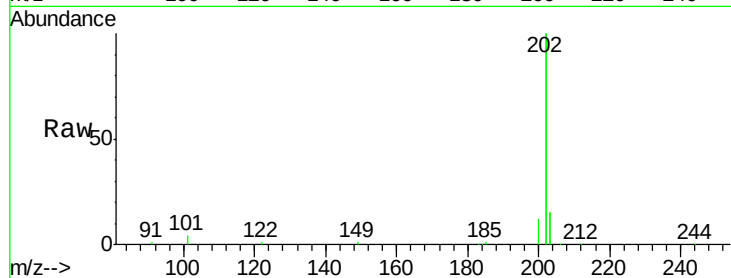
Tgt Ion:202 Resp: 70043

Ion Ratio Lower Upper

202 100

200 5.6 4.4 6.6

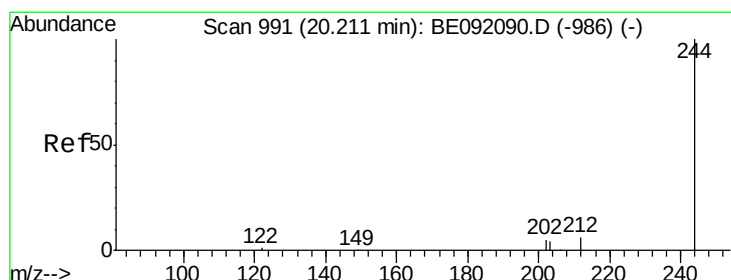
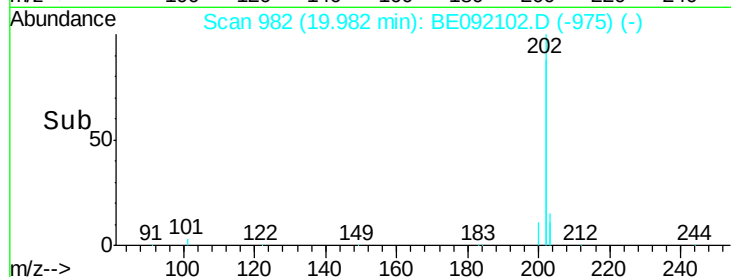
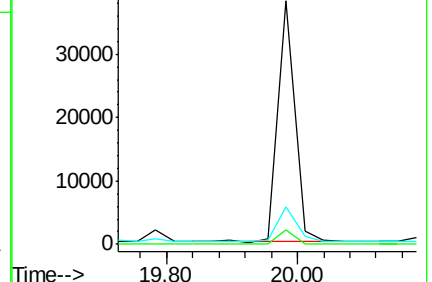
203 16.4 13.4 20.0



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: 3.34 ng

RT: 20.21 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

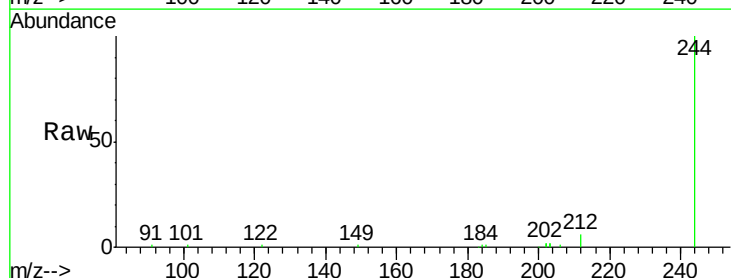
Tgt Ion:244 Resp: 42514

Ion Ratio Lower Upper

244 100

212 5.8 9.1 13.7#

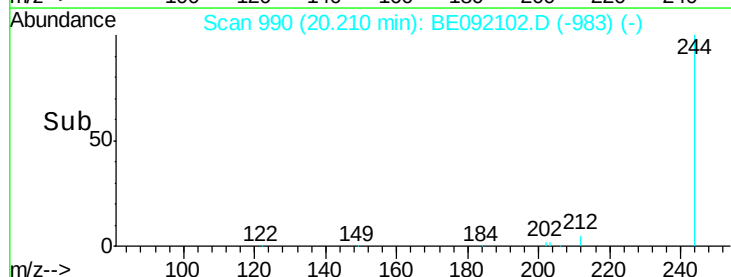
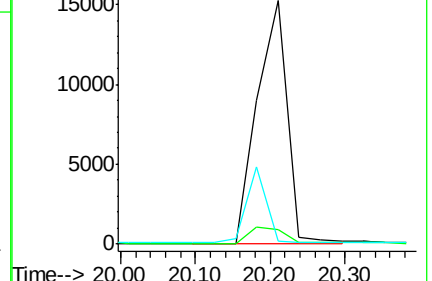
122 1.0 11.0 16.4#

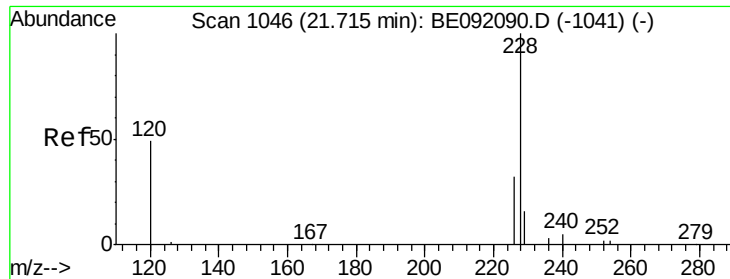


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.39 ng

RT: 21.72 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

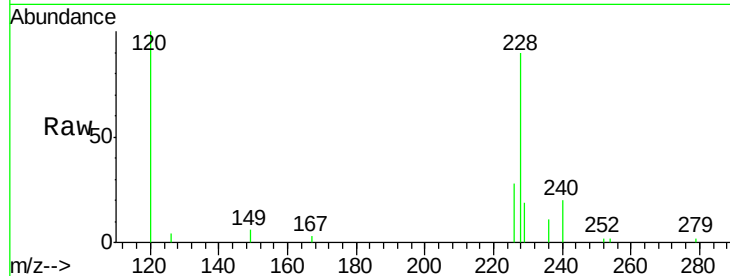
Tgt Ion:228 Resp: 13682

Ion Ratio Lower Upper

228 100

226 31.6 22.1 33.1

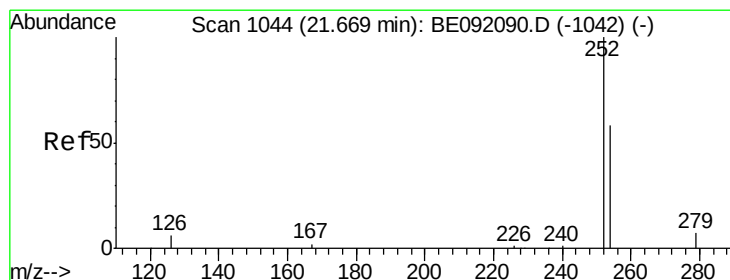
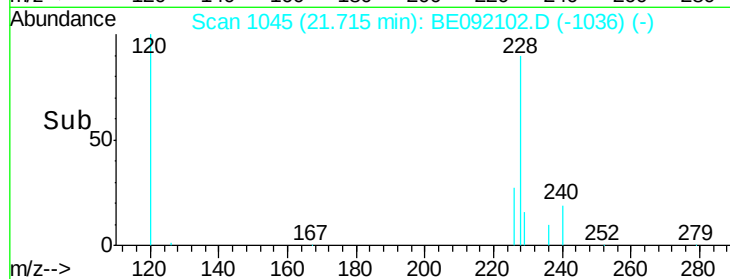
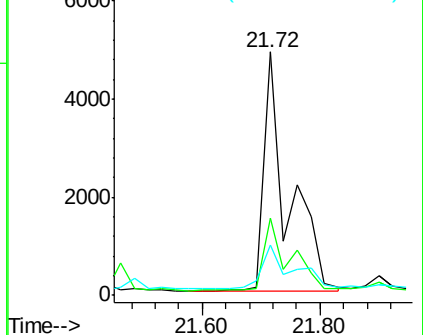
229 20.8 15.1 22.7



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: 0.01 ng

RT: 21.67 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

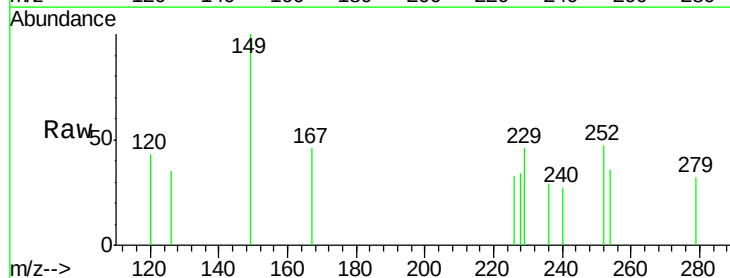
Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

254 75.3 44.2 66.2#

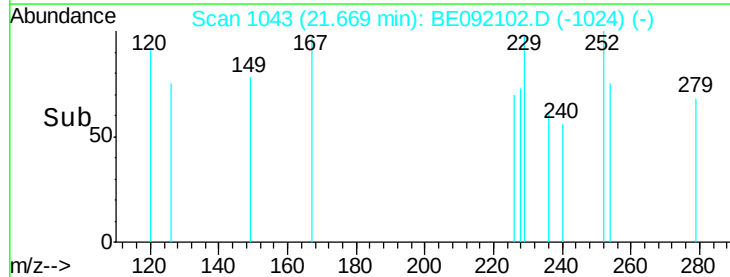
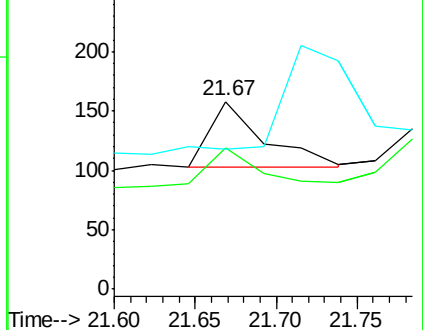
126 74.7 10.6 15.8#

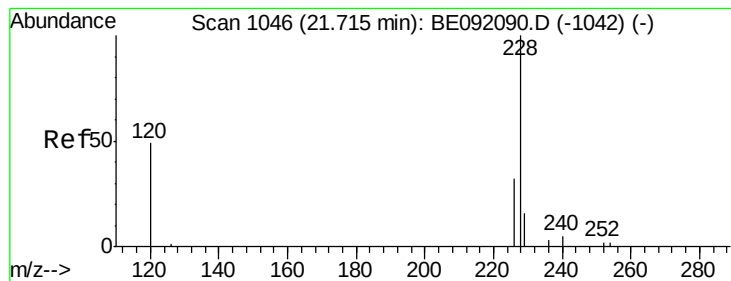


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.44 ng

RT: 21.72 min Scan# 1045

Delta R.T. -0.07 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

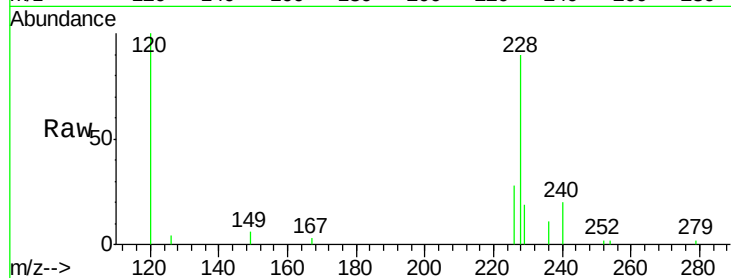
Tgt Ion:228 Resp: 13669

Ion Ratio Lower Upper

228 100

226 31.6 22.3 33.5

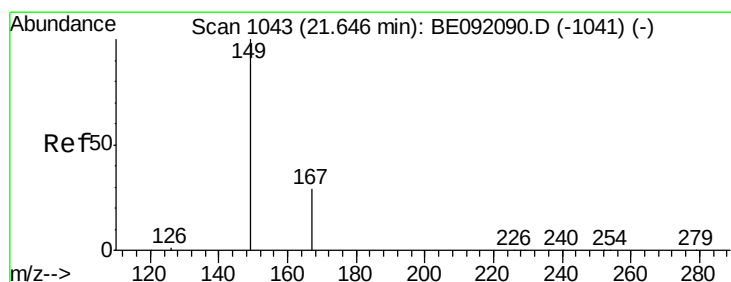
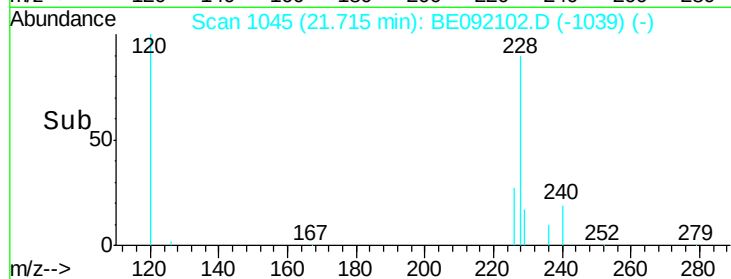
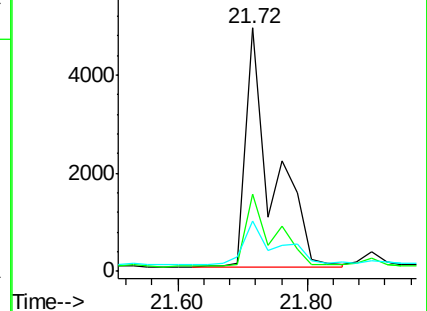
229 20.8 16.9 25.3



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: Below Cal

RT: 21.65 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

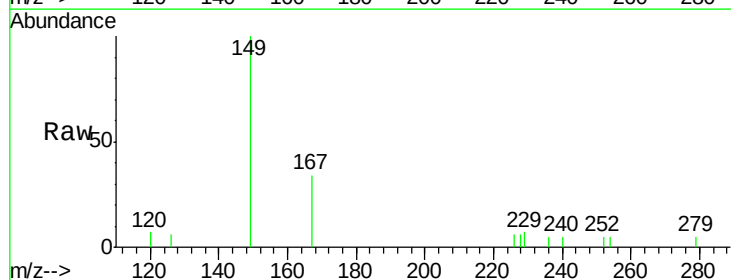
Tgt Ion:149 Resp: 2456

Ion Ratio Lower Upper

149 100

167 30.1 3.8 5.6#

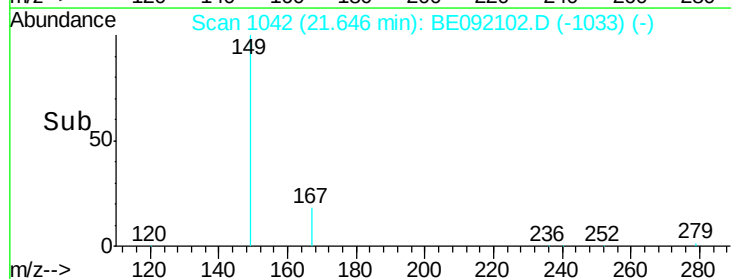
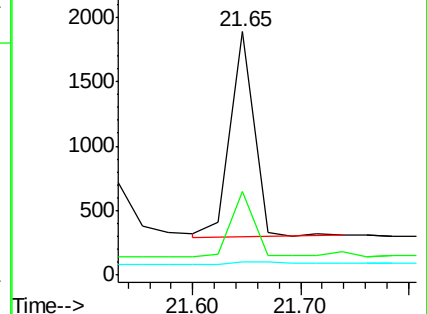
279 0.0 0.0 0.0

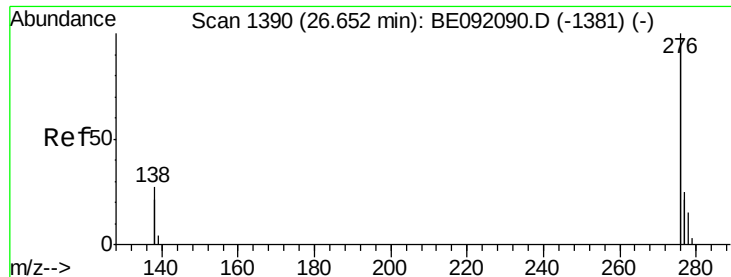


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.12 ng

RT: 26.65 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

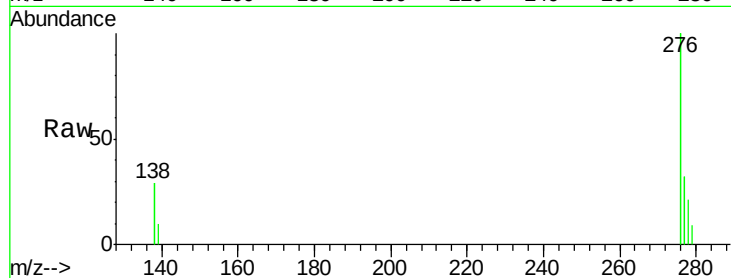
Tgt Ion:276 Resp: 16011

Ion Ratio Lower Upper

276 100

138 24.3 21.2 31.8

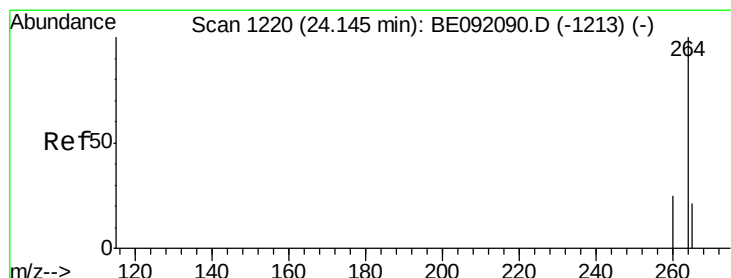
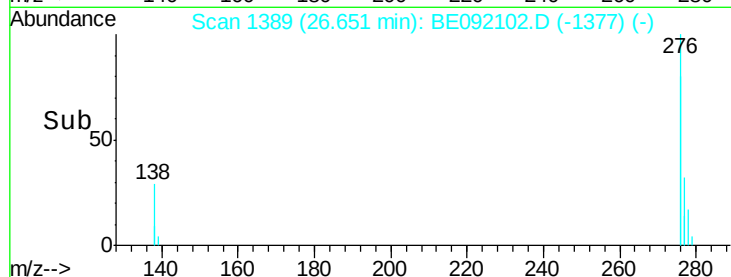
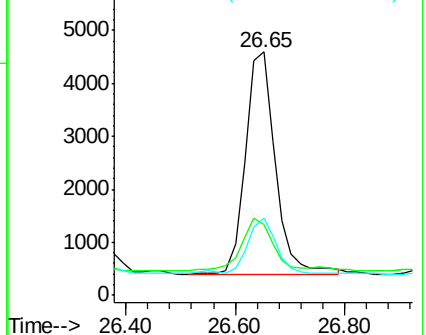
277 22.2 19.8 29.8



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# 1219

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

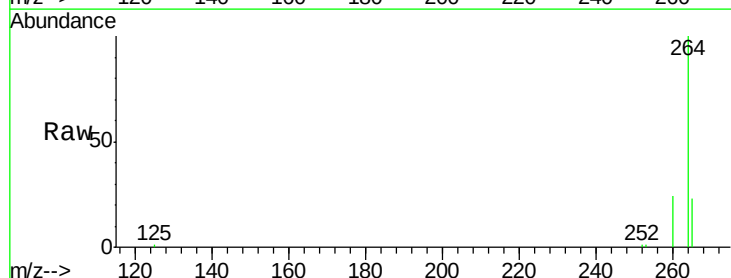
Tgt Ion:264 Resp: 110192

Ion Ratio Lower Upper

264 100

260 24.0 20.8 31.2

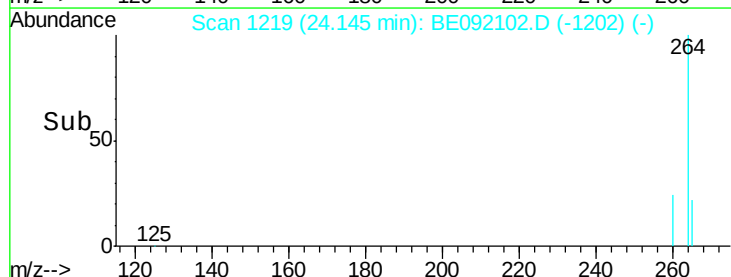
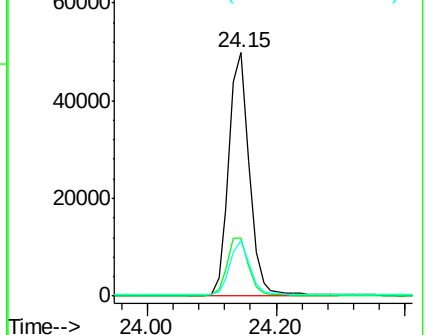
265 22.7 16.6 25.0

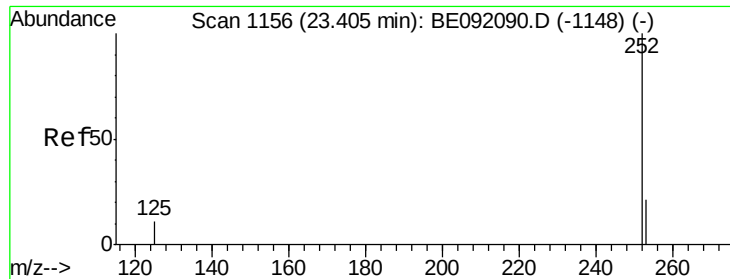


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 23.41 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

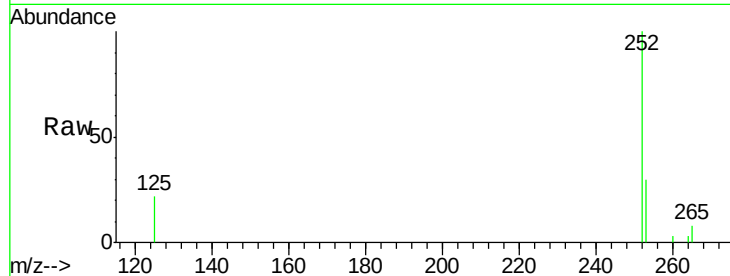
Tgt Ion:252 Resp: 11021

Ion Ratio Lower Upper

252 100

253 30.2 17.4 26.0#

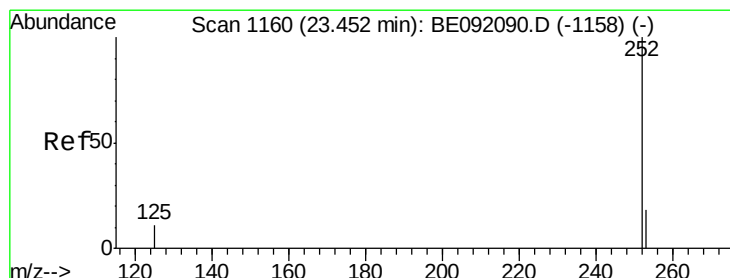
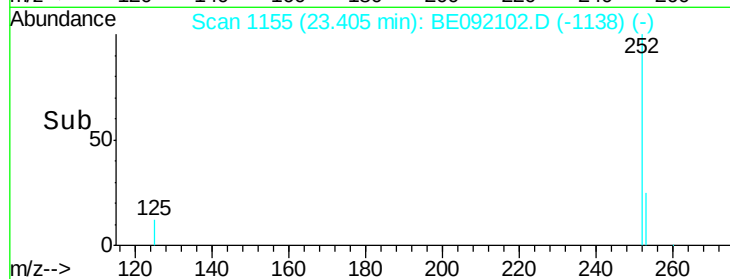
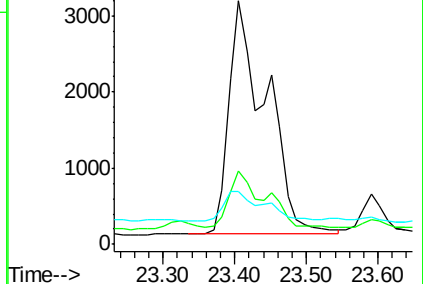
125 21.7 10.2 15.2#



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



#42

Benzo(k)fluoranthene

Concen: 0.35 ng

RT: 23.41 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

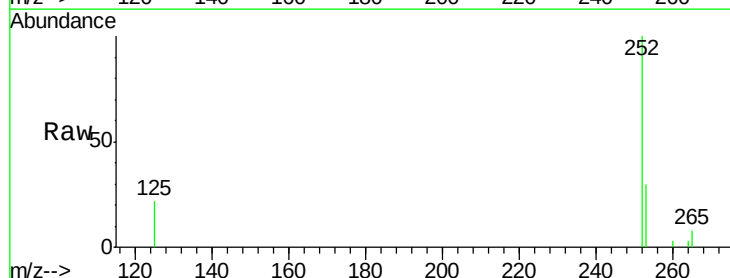
Tgt Ion:252 Resp: 11021

Ion Ratio Lower Upper

252 100

253 30.2 19.4 29.0#

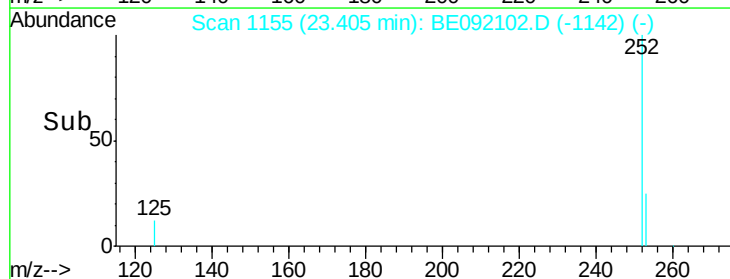
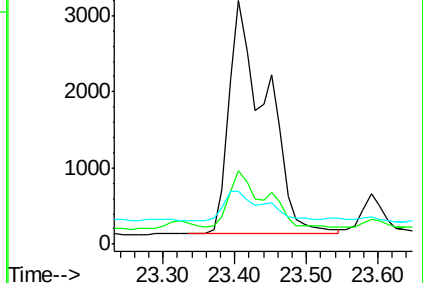
125 21.7 8.9 13.3#

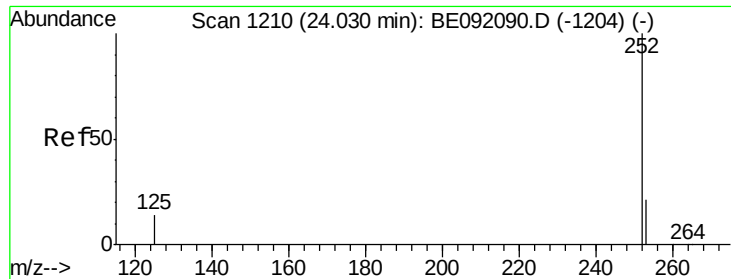


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.19 ng

RT: 24.03 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005

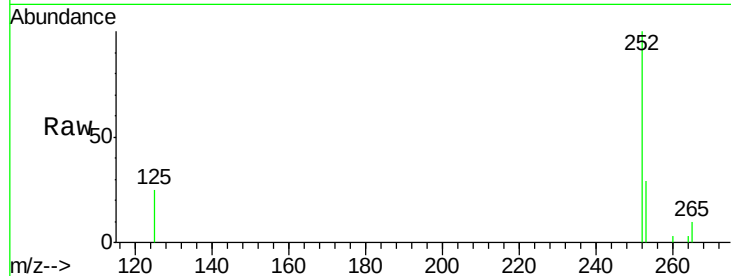
Tgt Ion: 252 Resp: 5488

Ion Ratio Lower Upper

252 100

253 28.8 19.8 29.8

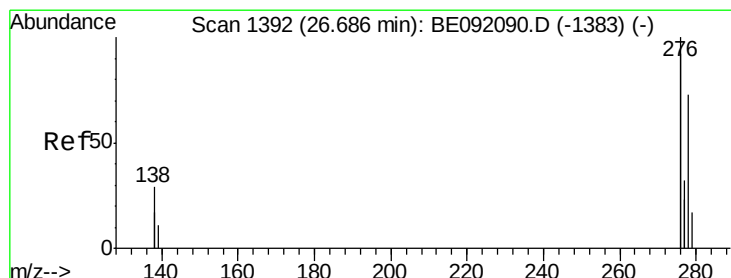
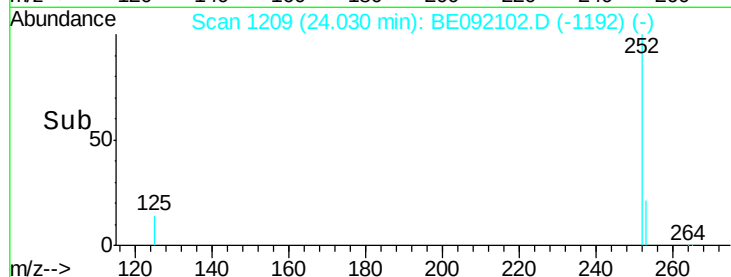
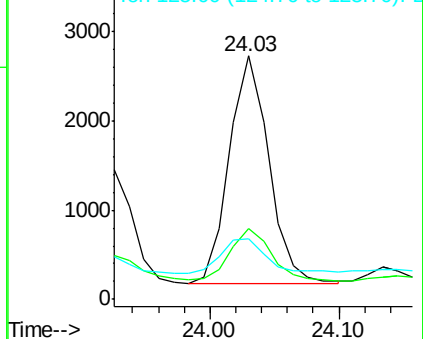
125 24.8 10.4 15.6#



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



#44

Dibenzo(a,h)anthracene

Concen: 0.07 ng

RT: 26.67 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BE092102.D

Acq: 1 Aug 2016 21:34

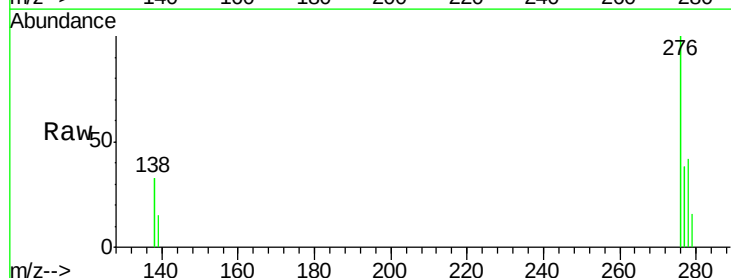
Tgt Ion: 278 Resp: 1820

Ion Ratio Lower Upper

278 100

139 37.3 16.7 25.1#

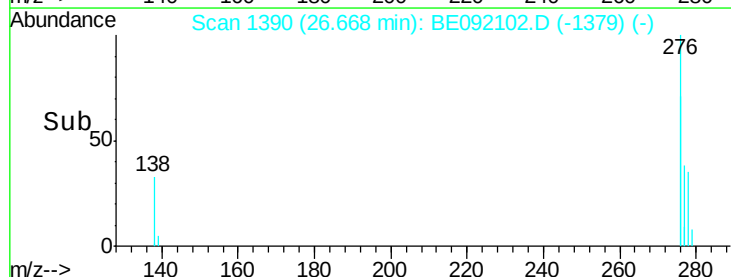
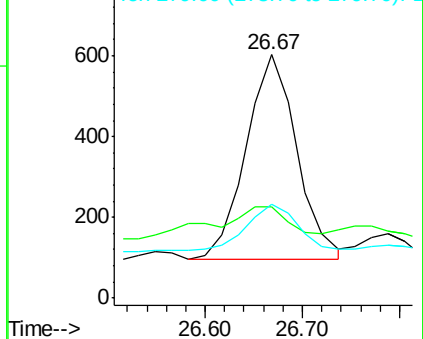
279 38.5 20.3 30.5#

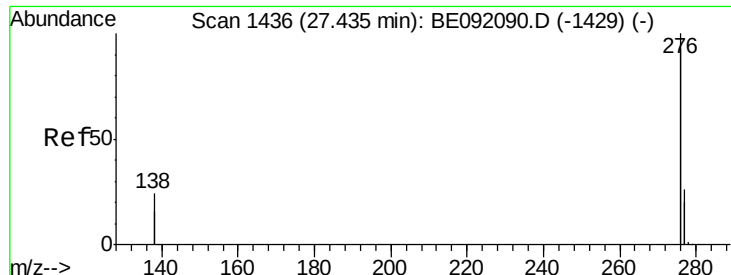


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.14 ng

RT: 27.42 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BE092102.D

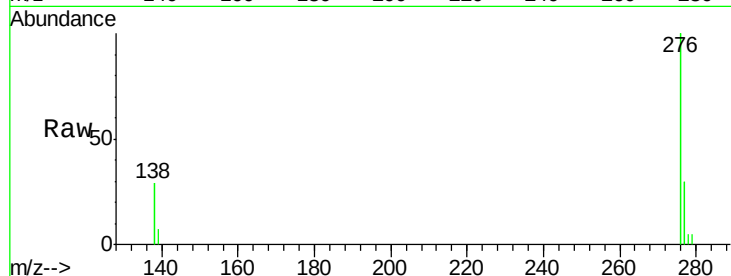
Acq: 1 Aug 2016 21:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-005



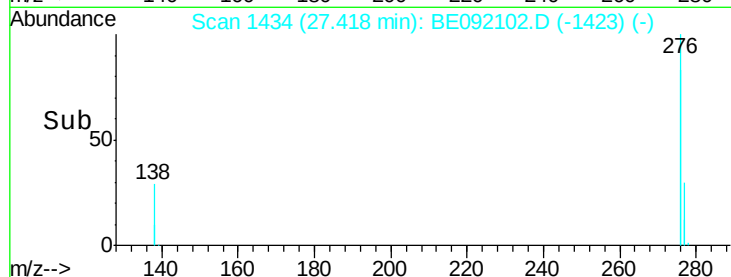
Tgt Ion: 276 Resp: 15228

Ion Ratio Lower Upper

276 100

277 29.6 19.5 29.3#

138 29.4 20.8 31.2



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

