

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080116\
 Data File : BE092103.D
 Acq On : 1 Aug 2016 22:13
 Operator : UM/SJ
 Sample : H4107-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

Quant Time: Aug 02 01:07:56 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	15059	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	73046	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	43182	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	146138	5.00	ng	0.00
31) Chrysene-d12	21.74	240	148475	5.00	ng	0.00
40) Perylene-d12	24.15	264	126513	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.70	112	24334	5.88	ng	0.00
5) Phenol-d6	7.33	99	34599	6.03	ng	0.00
9) Nitrobenzene-d5	9.35	82	18839	3.31	ng	0.00
16) 2,4,6-Tribromophenol	16.32	330	13017	4.56	ng	-0.02
17) 2-Fluorobiphenyl	13.46	172	48541	2.90	ng	0.00
34) Terphenyl-d14	20.18	244	46621	3.21	ng	-0.03

Target Compounds

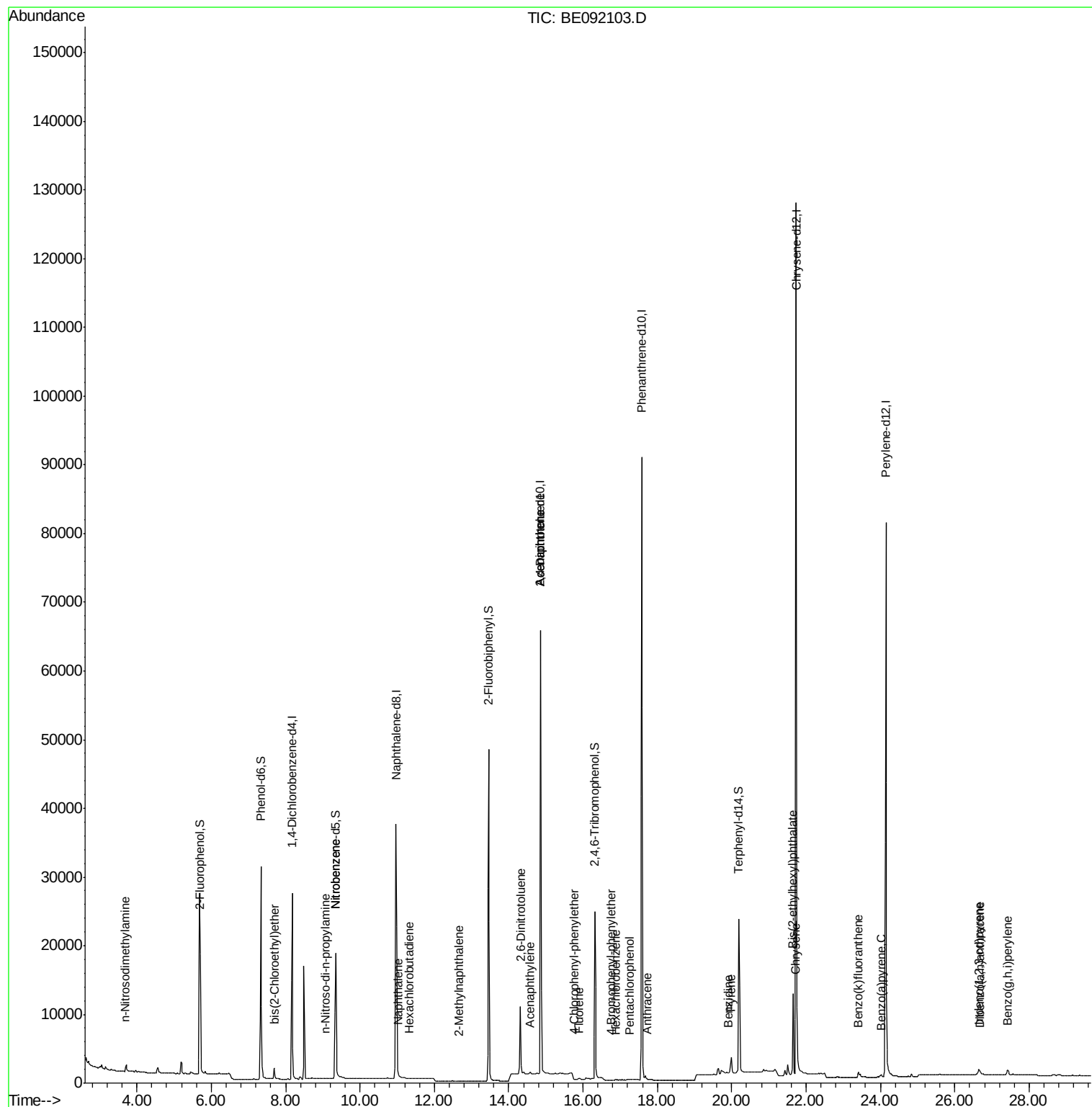
						Qvalue
3) n-Nitrosodimethylamine	3.70	42	335	0.12	ng	# 1
6) bis(2-Chloroethyl)ether	7.70	93	36	0.01	ng	# 1
7) n-Nitroso-di-n-propylamine	9.06	70	128	0.03	ng	# 61
10) Nitrobenzene	9.35	77	75	0.01	ng	# 45
11) bis(2-Chloroethoxy)methane	10.05	93	697	Below Cal		# 72
12) Naphthalene	11.02	128	96	0.01	ng	# 1
13) Hexachlorobutadiene	11.32	225	7	0.00	ng	# 74
14) 2-Methylnaphthalene	12.66	142	40	0.00	ng	# 53
18) Acenaphthylene	14.59	152	423	0.00	ng	# 86
19) 2,6-Dinitrotoluene	14.31	165	5688	0.51	ng	# 100
20) Acenaphthene	14.86	154	248	0.02	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	20304	1.10	ng	# 1
22) Fluorene	15.89	166	90	0.00	ng	# 85
23) 4-Chlorophenyl-phenylether	15.77	204	345	0.03	ng	# 1
25) 4-Bromophenyl-phenylether	16.76	248	11	0.00	ng	# 3
26) Hexachlorobenzene	16.88	284	15	0.00	ng	# 50
27) Pentachlorophenol	17.25	266	48	0.17	ng	# 84
28) Phenanthrene	17.62	178	1486	Below Cal		# 74
29) Anthracene	17.72	178	179	0.01	ng	# 90
30) Fluoranthene	19.64	202	2453	Below Cal		# 91
32) Benzidine	19.90	184	87	0.36	ng	# 1
33) Pyrene	19.98	202	3410	0.02	ng	# 98
35) Benzo(a)anthracene	21.71	228	1887	Below Cal		# 71
37) Chrysene	21.71	228	1917	0.05	ng	# 74
38) Bis(2-ethylhexyl)phthalate	21.65	149	13776	0.37	ng	# 22
39) Indeno(1,2,3-cd)pyrene	26.65	276	2361	0.01	ng	# 93
41) Benzo(b)fluoranthene	23.41	252	1132	Below Cal		# 38
42) Benzo(k)fluoranthene	23.41	252	1111	0.03	ng	# 43
43) Benzo(a)pyrene	24.03	252	447	0.01	ng	# 1
44) Dibenzo(a,h)anthracene	26.68	278	376	0.01	ng	# 1
45) Benzo(g,h,i)perylene	27.42	276	2106	0.02	ng	# 38

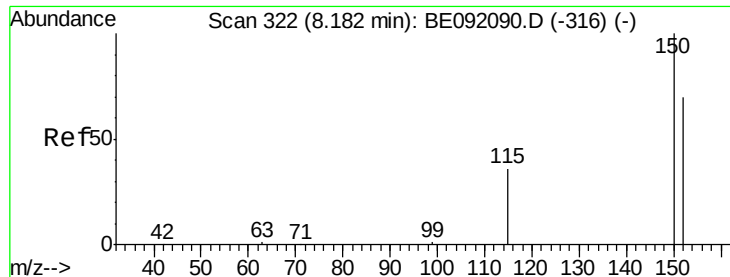
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080116\
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

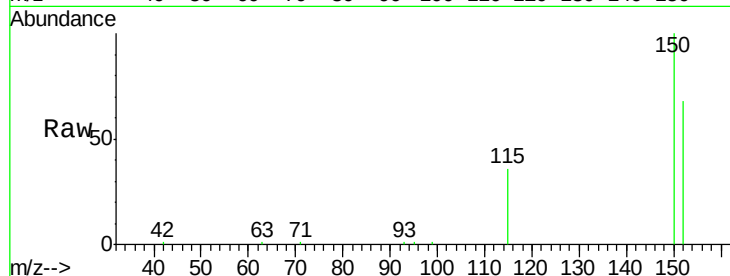
Tgt Ion:152 Resp: 15059

Ion Ratio Lower Upper

152 100

150 146.3 106.0 159.0

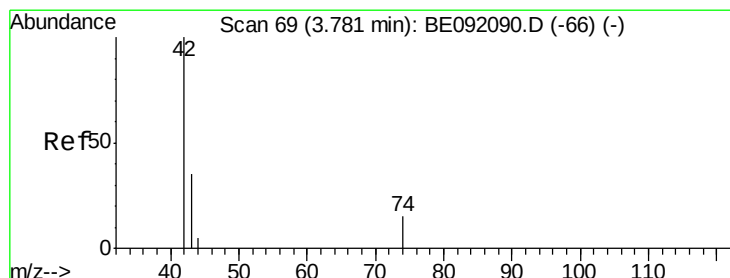
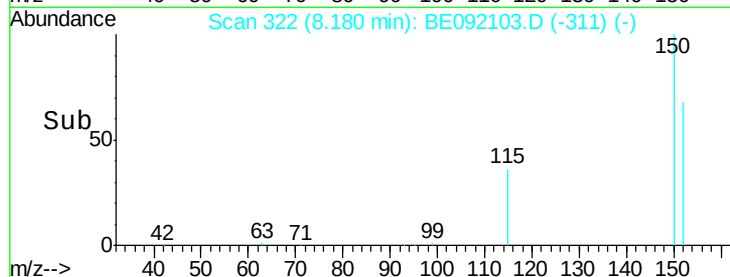
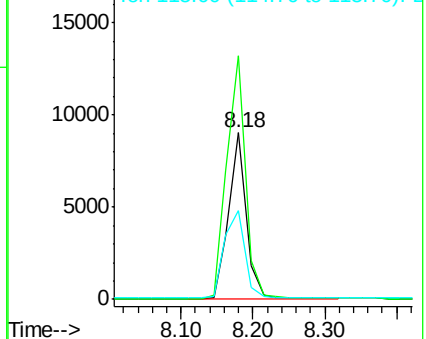
115 53.3 36.9 55.3



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



#3

n-Nitrosodimethylamine

Concen: 0.12 ng

RT: 3.70 min Scan# 64

Delta R.T. -0.09 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

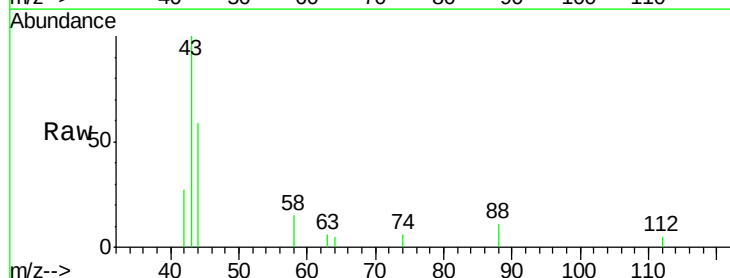
Tgt Ion: 42 Resp: 335

Ion Ratio Lower Upper

42 100

74 1.2 82.8 124.2#

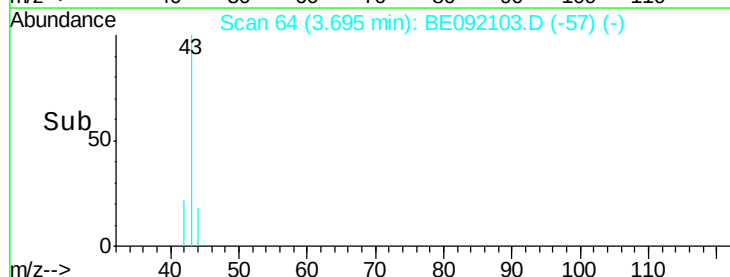
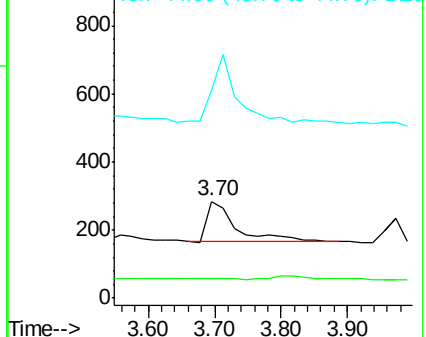
44 160.3 9.0 13.4#

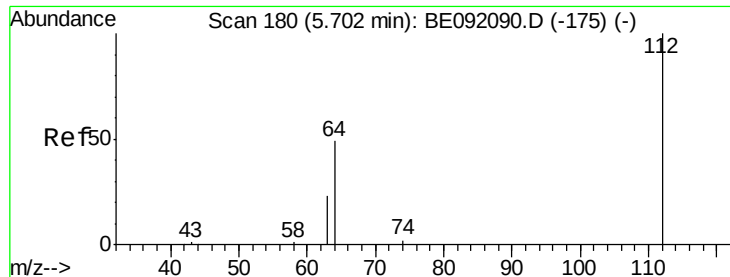


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 5.88 ng

RT: 5.70 min Scan# 180

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

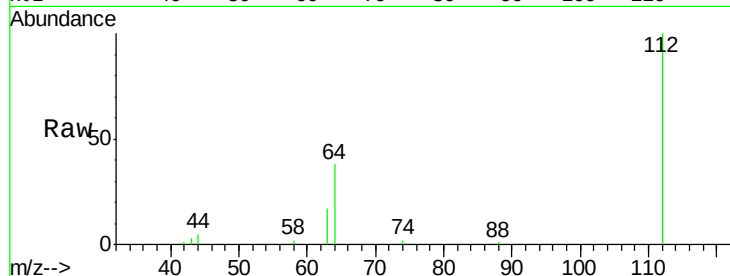
Tgt Ion: 112 Resp: 24334

Ion Ratio Lower Upper

112 100

64 67.8 55.9 83.9

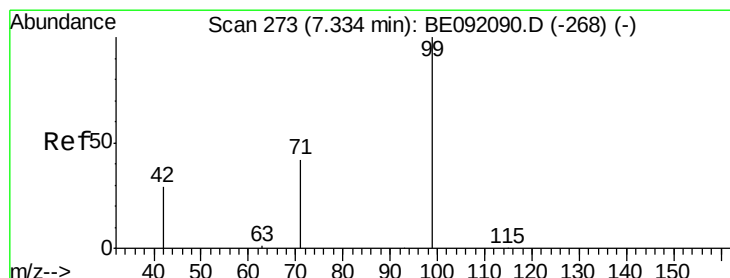
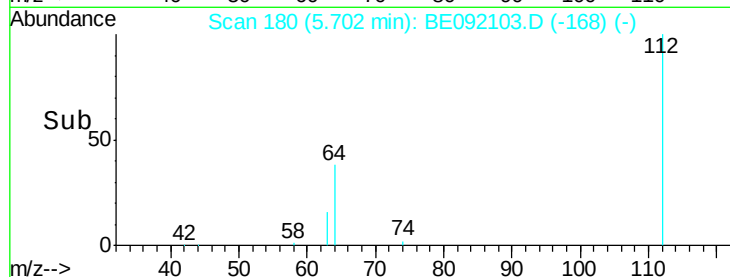
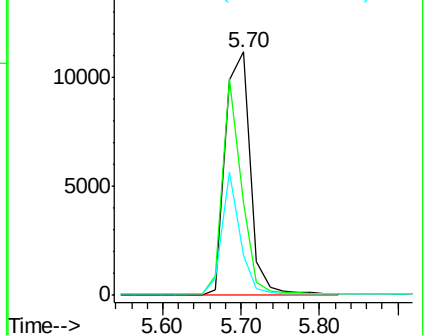
63 36.6 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE092103.D (-168) (-)

Ion 64.00 (63.70 to 64.70): BE092103.D (-168) (-)

Ion 63.00 (62.70 to 63.70): BE092103.D (-168) (-)



#5

Phenol-d6

Concen: 6.03 ng

RT: 7.33 min Scan# 273

Delta R.T. -0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

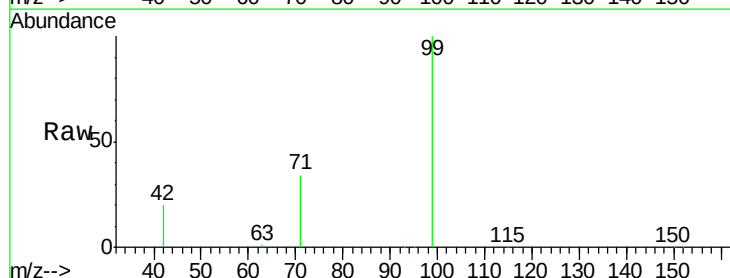
Tgt Ion: 99 Resp: 34599

Ion Ratio Lower Upper

99 100

42 24.1 22.4 33.6

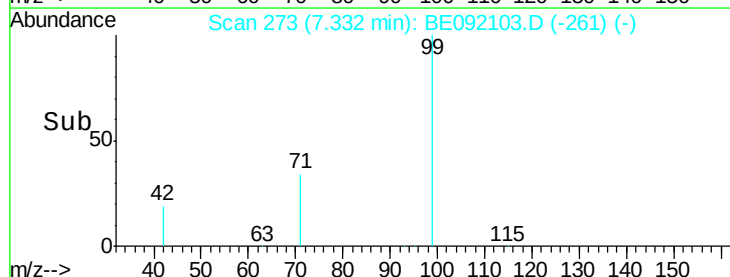
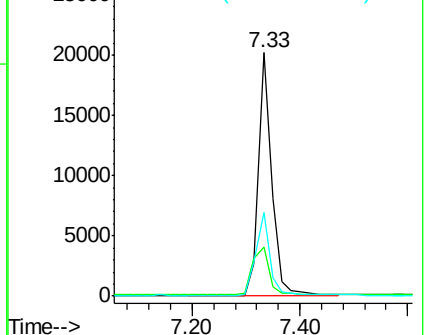
71 35.1 28.9 43.3

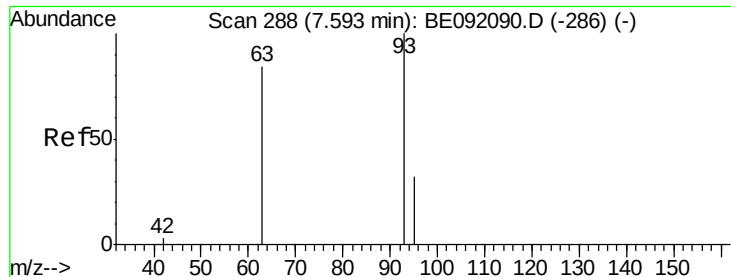


Abundance Ion 99.00 (98.70 to 99.70): BE092103.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BE092103.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BE092103.D (-261) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.01 ng

RT: 7.70 min Scan# 294

Delta R.T. 0.10 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

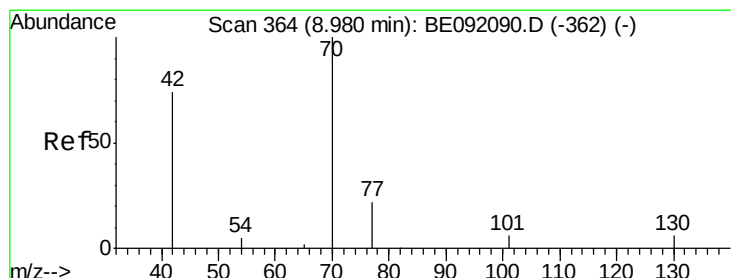
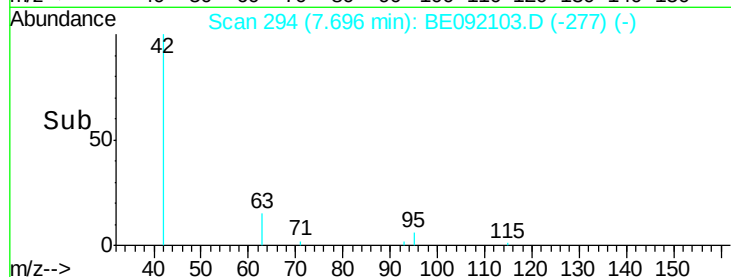
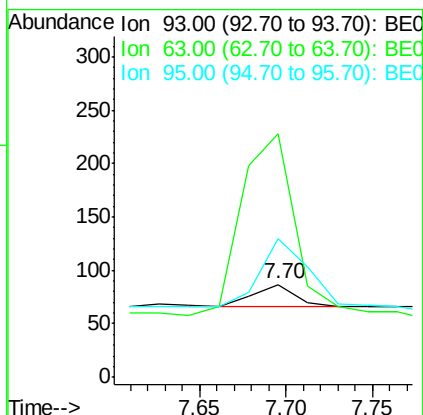
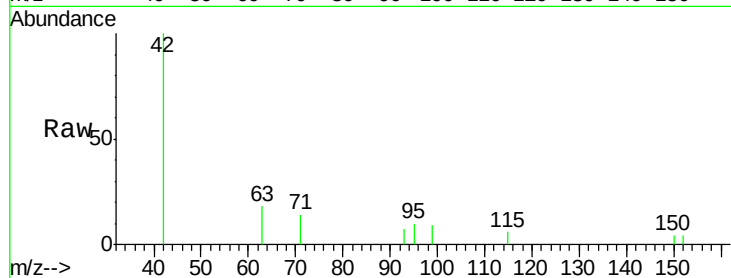
Tgt Ion: 93 Resp: 36

Ion Ratio Lower Upper

93 100

63 1016.7 64.4 96.6#

95 336.1 25.8 38.8#



#7

n-Nitroso-di-n-propylamine

Concen: 0.03 ng

RT: 9.06 min Scan# 368

Delta R.T. 0.08 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Tgt Ion: 70 Resp: 128

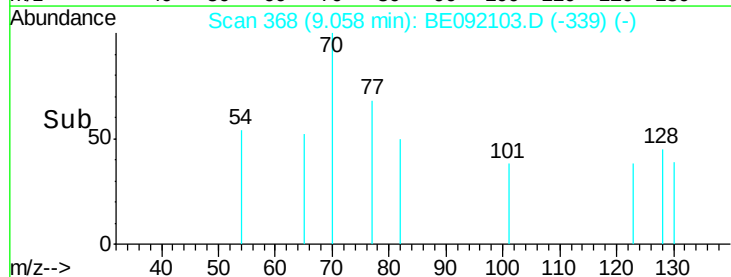
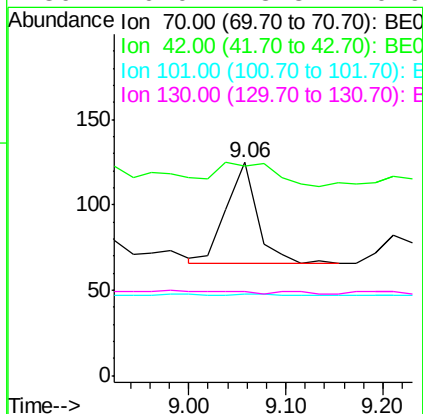
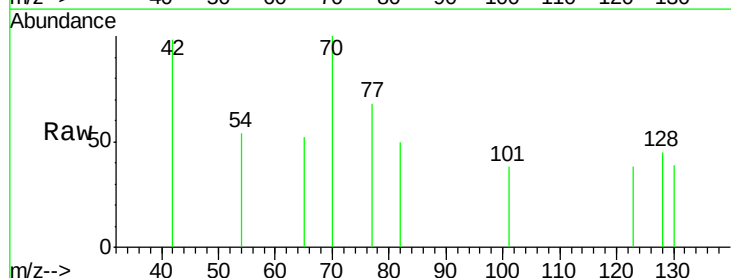
Ion Ratio Lower Upper

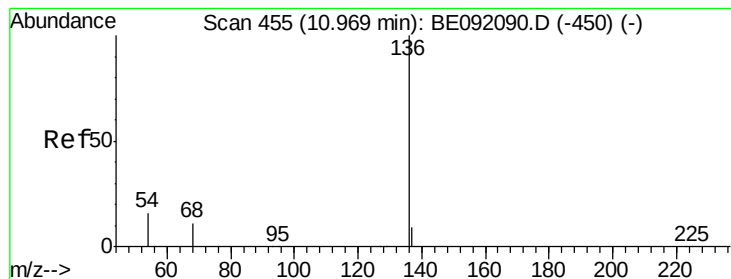
70 100

42 40.6 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: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

Tgt Ion:136 Resp: 73046

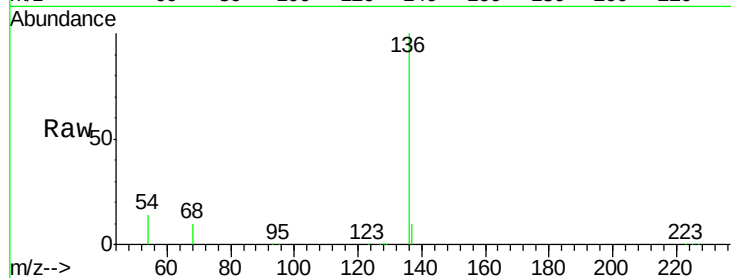
Ion Ratio Lower Upper

136 100

137 9.8 9.1 13.7

54 14.0 2.7 4.1#

68 10.0 2.2 3.4#

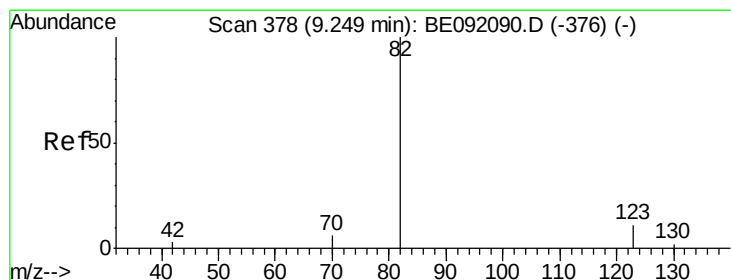
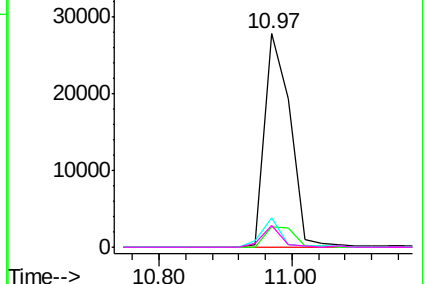
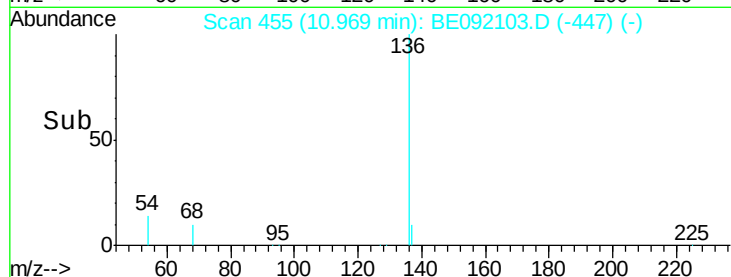


Abundance Ion 136.00 (135.70 to 136.70): E

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



#9

Nitrobenzene-d5

Concen: 3.31 ng

RT: 9.35 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

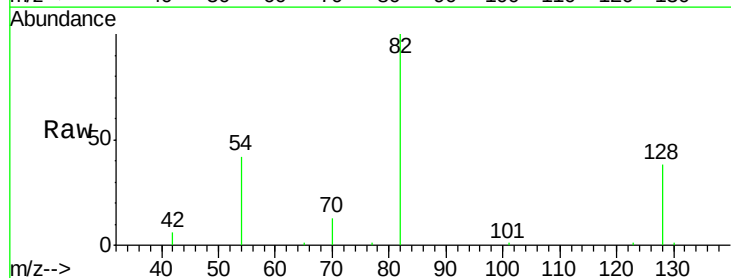
Tgt Ion: 82 Resp: 18839

Ion Ratio Lower Upper

82 100

128 38.1 33.0 49.4

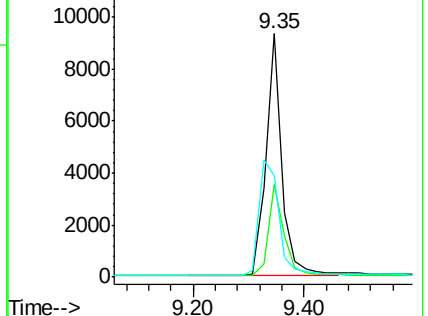
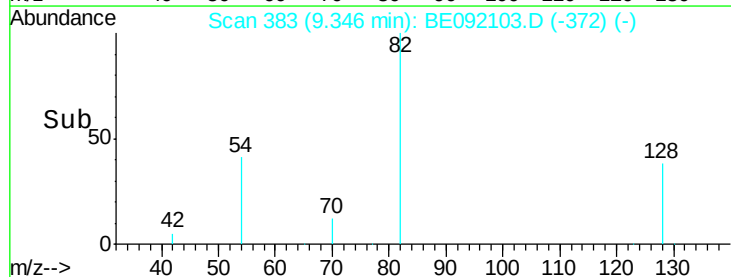
54 41.9 42.6 63.8#

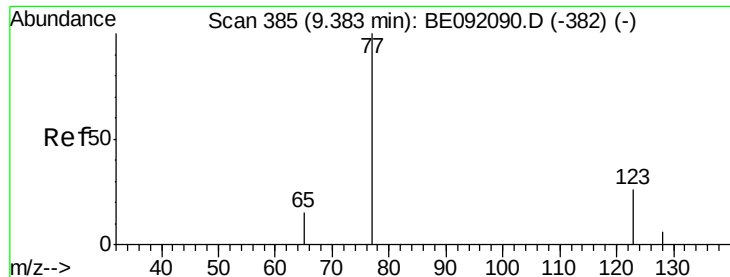


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

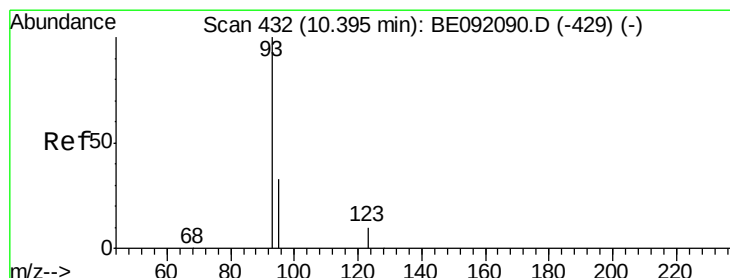
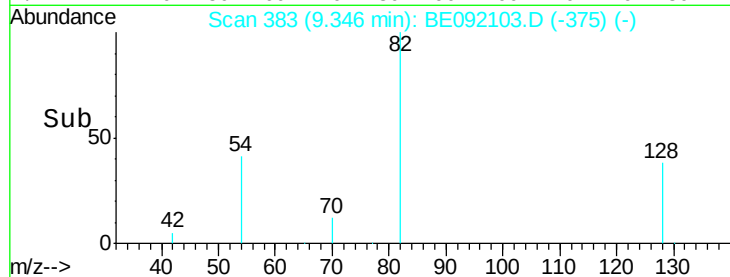
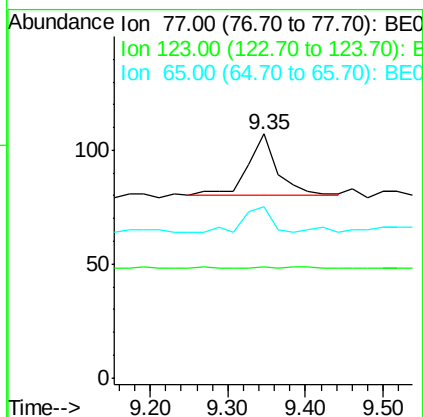
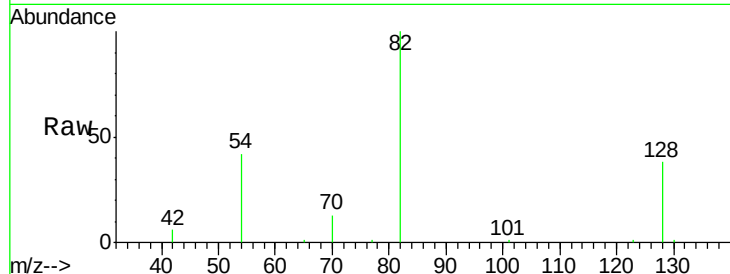




#10
 Nitrobenzene
 Concen: 0.01 ng
 RT: 9.35 min Scan# 383
 Delta R.T. -0.04 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

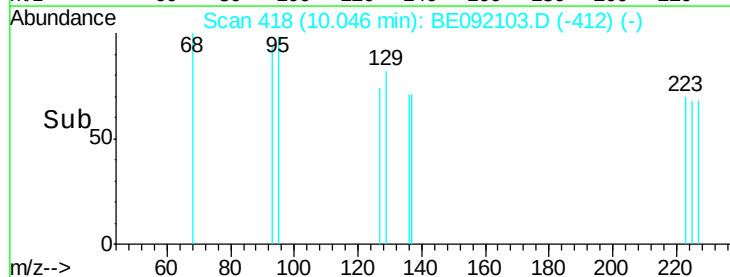
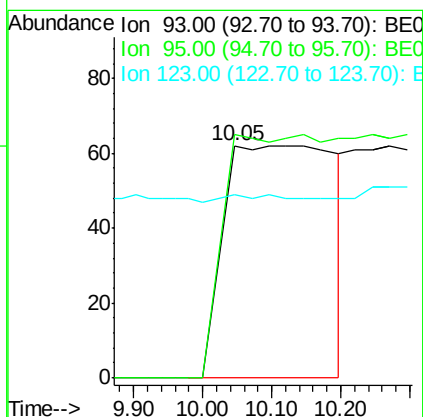
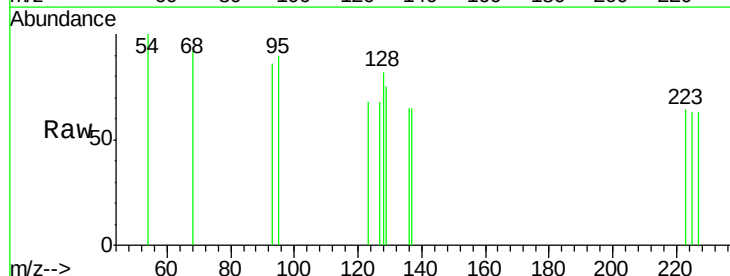
Instrument :
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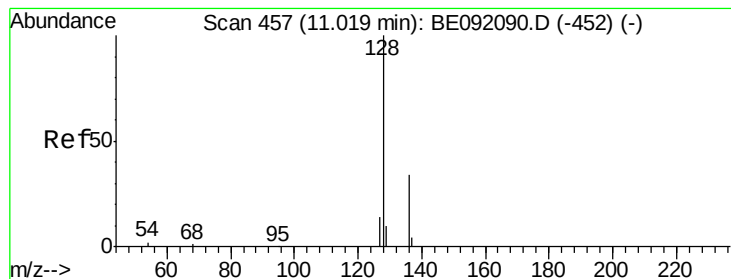
Tgt Ion: 77 Resp: 75
 Ion Ratio Lower Upper
 77 100
 123 4.0 29.9 44.9#
 65 36.0 11.4 17.0#



#11
 bis(2-Chloroethoxy)methane
 Concen: Below Cal
 RT: 10.05 min Scan# 418
 Delta R.T. -0.35 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

Tgt Ion: 93 Resp: 697
 Ion Ratio Lower Upper
 93 100
 95 48.1 25.0 37.6#
 123 1.7 7.8 11.8#





#12

Naphthalene

Concen: 0.01 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

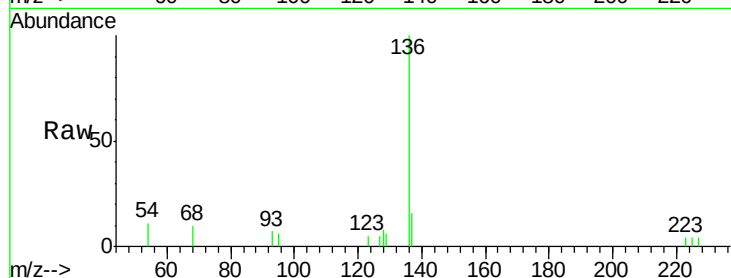
Tgt Ion:128 Resp: 96

Ion Ratio Lower Upper

128 100

129 67.4 11.1 16.7#

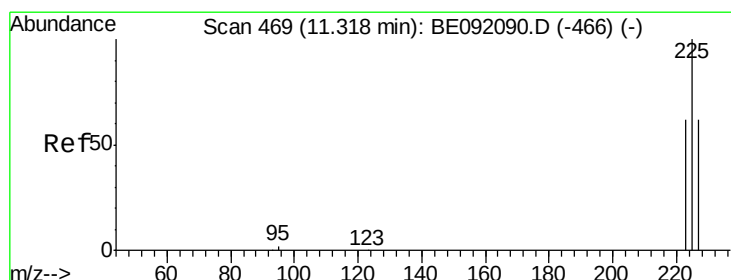
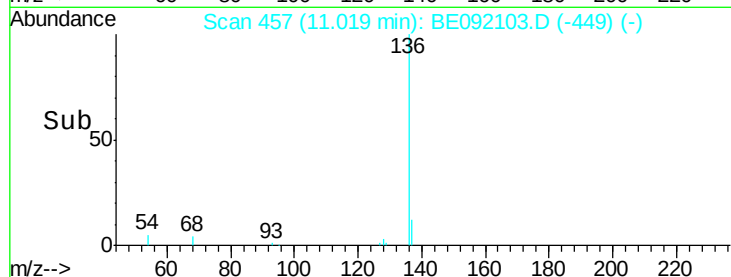
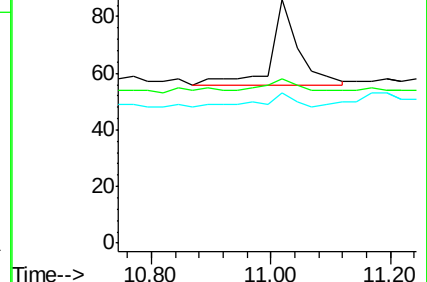
127 61.6 11.3 16.9#



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



#13

Hexachlorobutadiene

Concen: 0.00 ng

RT: 11.32 min Scan# 469

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

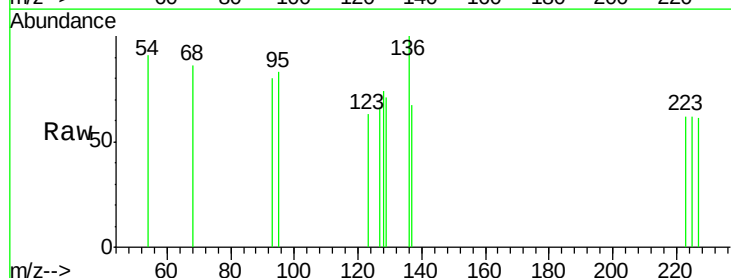
Tgt Ion:225 Resp: 7

Ion Ratio Lower Upper

225 100

223 85.7 51.9 77.9#

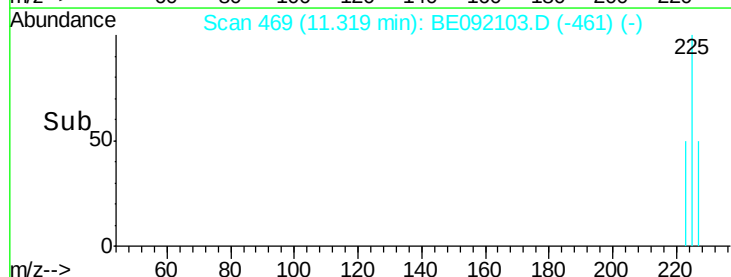
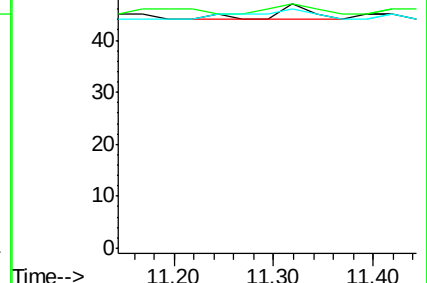
227 128.6 0.0 0.0#

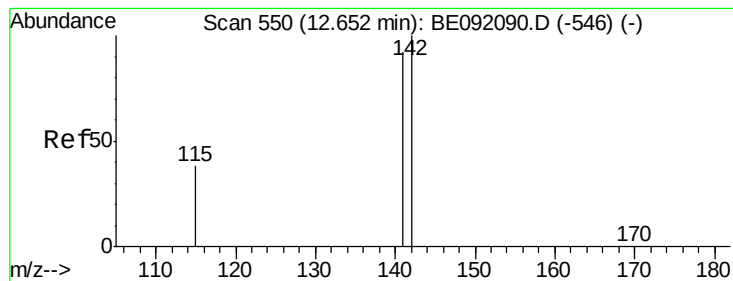


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#14

2-Methylnaphthalene

Concen: 0.00 ng

RT: 12.66 min Scan# 551

Delta R.T. 0.01 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

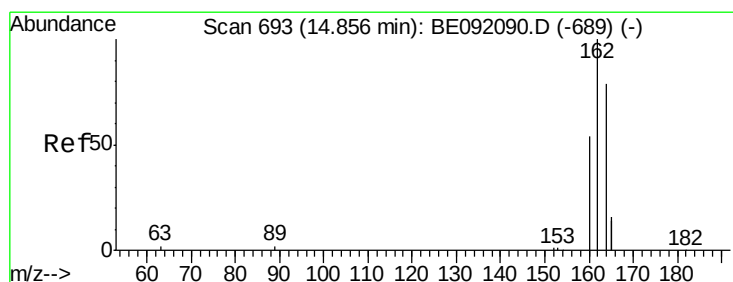
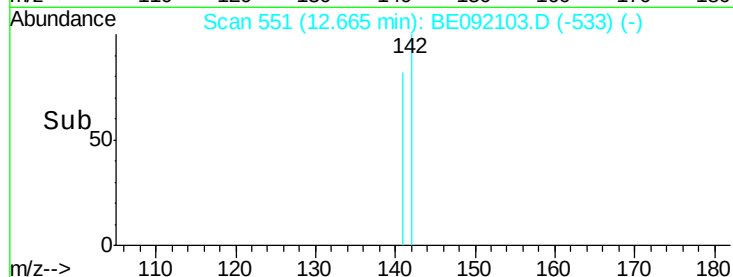
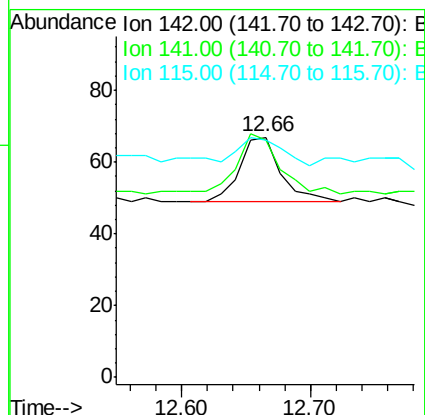
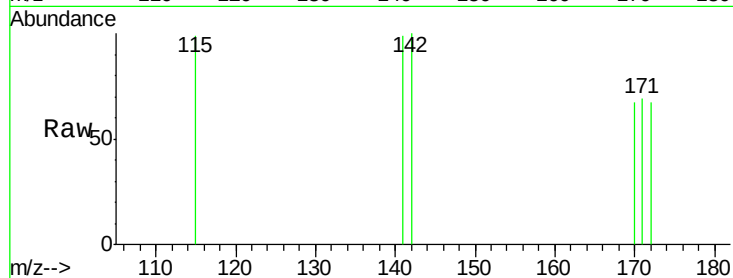
Tgt Ion:142 Resp: 40

Ion Ratio Lower Upper

142 100

141 98.5 65.1 97.7#

115 98.5 27.0 40.4#



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

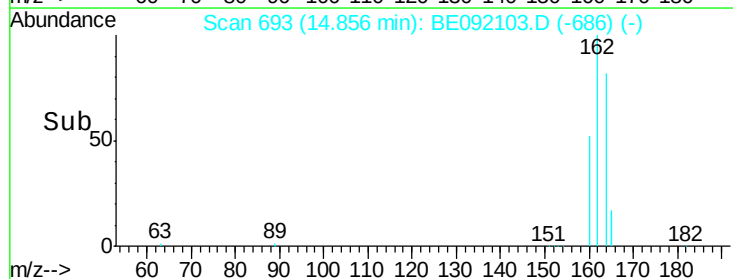
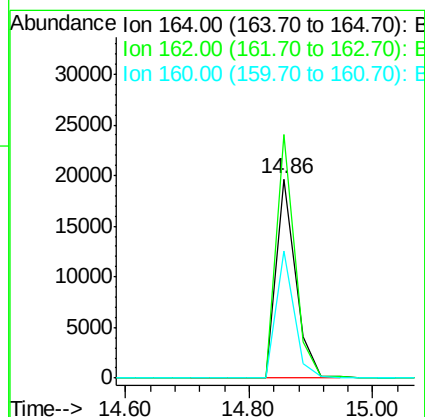
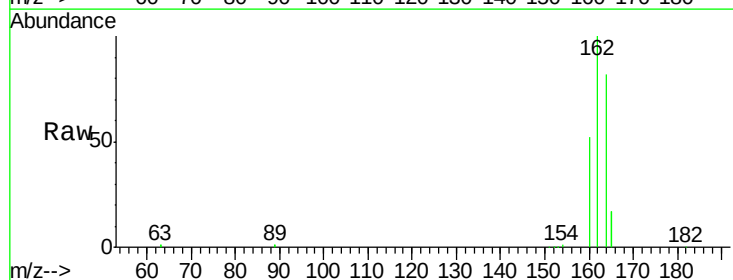
Tgt Ion:164 Resp: 43182

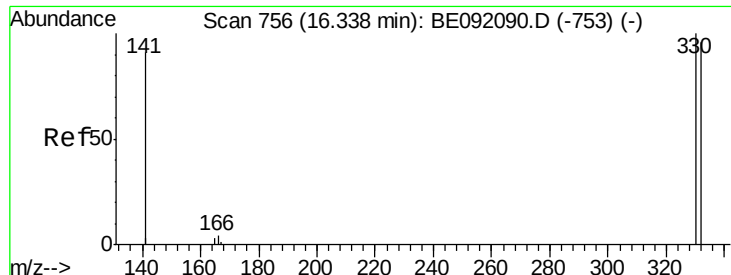
Ion Ratio Lower Upper

164 100

162 122.3 69.5 104.3#

160 63.6 27.6 41.4#

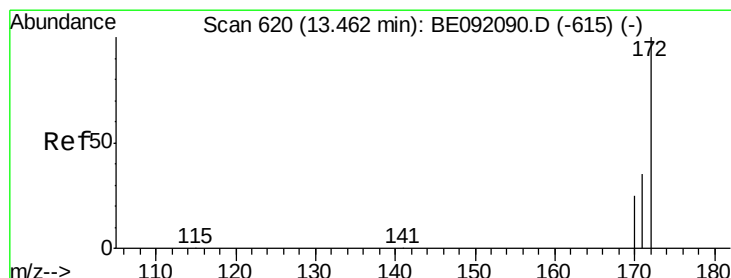
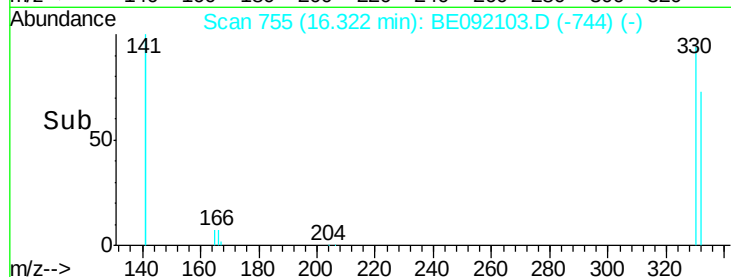
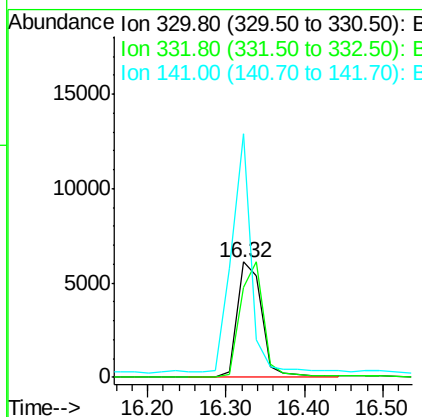
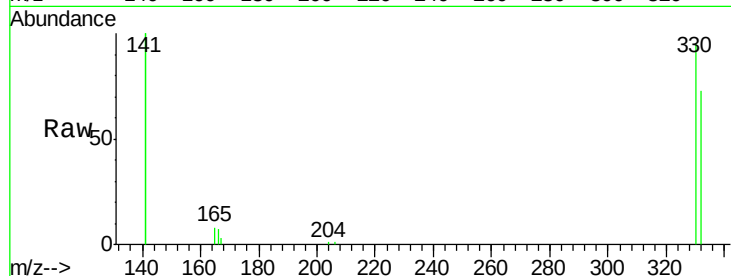




#16
 2,4,6-Tribromophenol
 Concen: 4.56 ng
 RT: 16.32 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

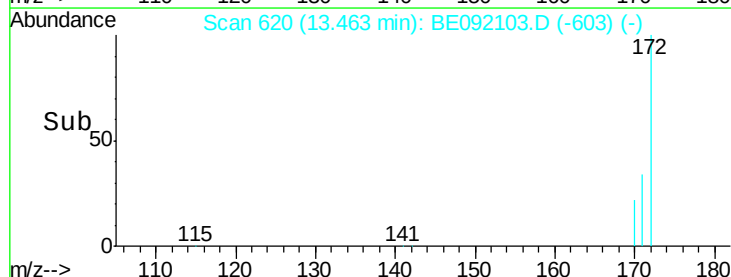
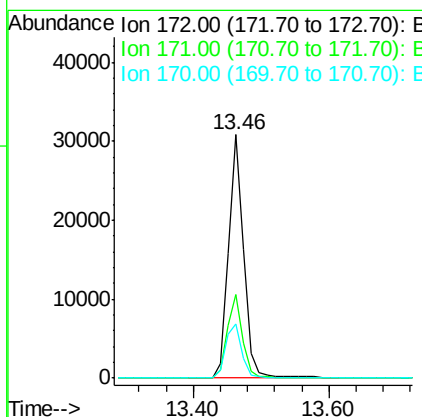
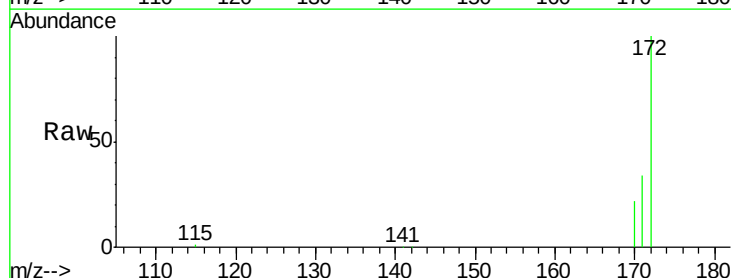
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

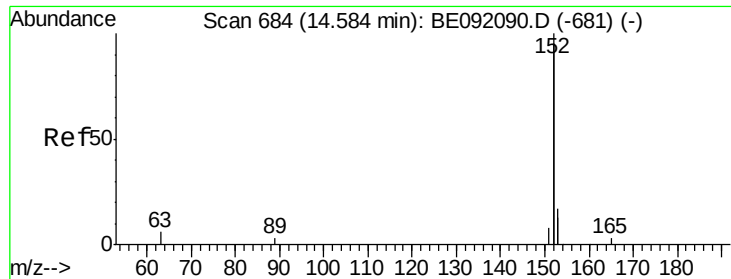
Tgt Ion:330 Resp: 13017
 Ion Ratio Lower Upper
 330 100
 332 95.2 74.2 111.4
 141 166.5 139.8 209.8



#17
 2-Fluorobiphenyl
 Concen: 2.90 ng
 RT: 13.46 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

Tgt Ion:172 Resp: 48541
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.3 45.5
 170 22.4 21.6 32.4





#18

Acenaphthylene

Concen: 0.00 ng

RT: 14.59 min Scan# 684

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

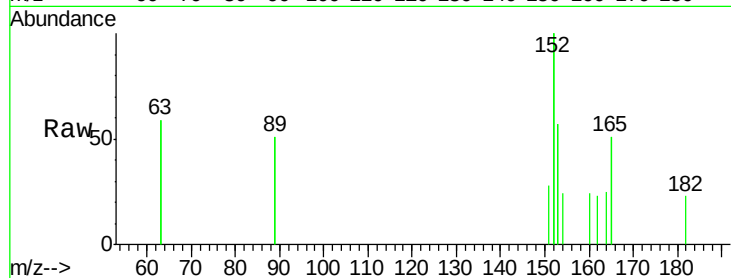
Tgt Ion:152 Resp: 423

Ion Ratio Lower Upper

152 100

151 5.2 4.0 6.0

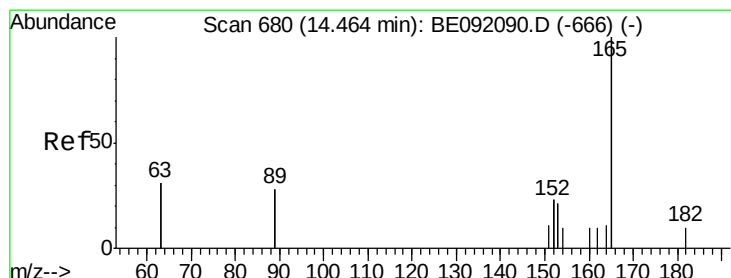
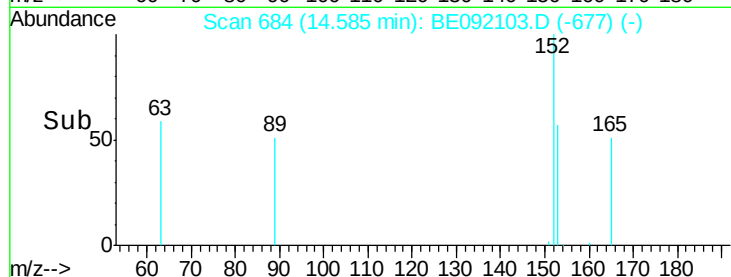
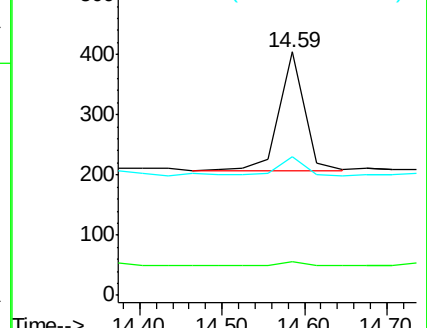
153 19.6 9.6 14.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#19

2,6-Dinitrotoluene

Concen: 0.51 ng

RT: 14.31 min Scan# 675

Delta R.T. -0.15 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

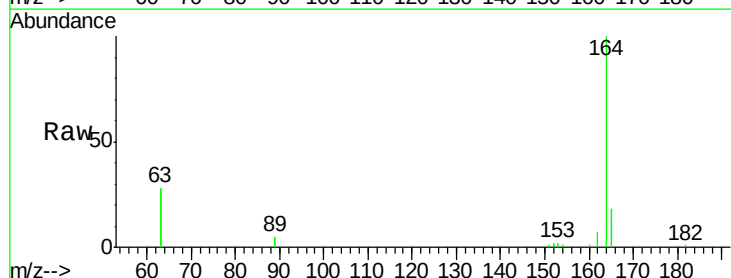
Tgt Ion:165 Resp: 5688

Ion Ratio Lower Upper

165 100

63 287.4 0.0 0.0#

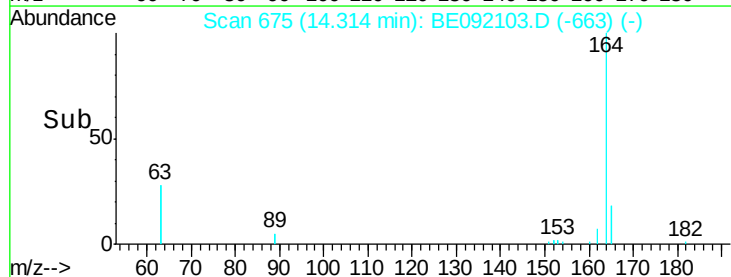
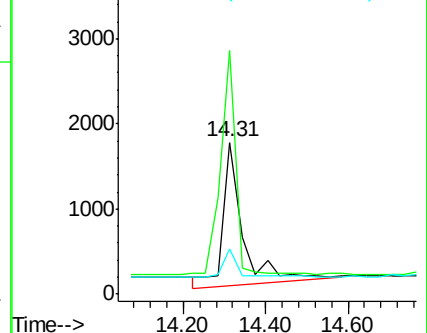
89 31.8 0.0 0.0#

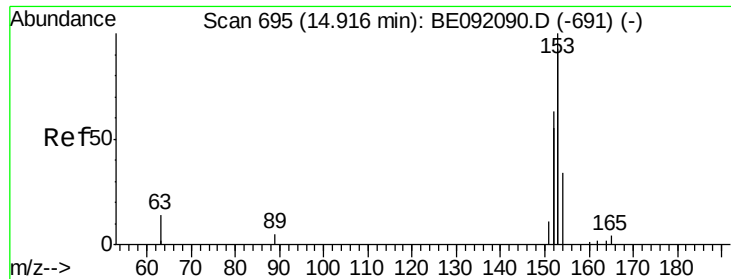


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0





#20

Acenaphthene

Concen: 0.02 ng

RT: 14.86 min Scan# 693

Delta R.T. -0.06 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

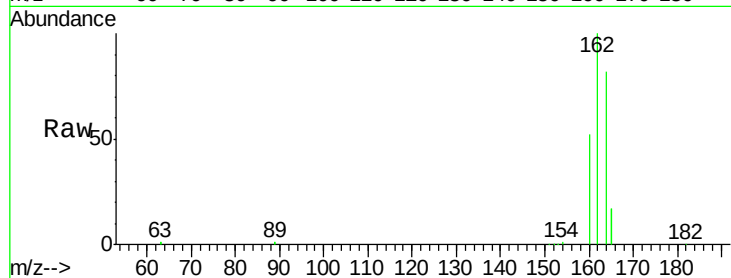
Tgt Ion:154 Resp: 248

Ion Ratio Lower Upper

154 100

153 0.0 345.1 517.7#

152 0.0 0.0 0.0

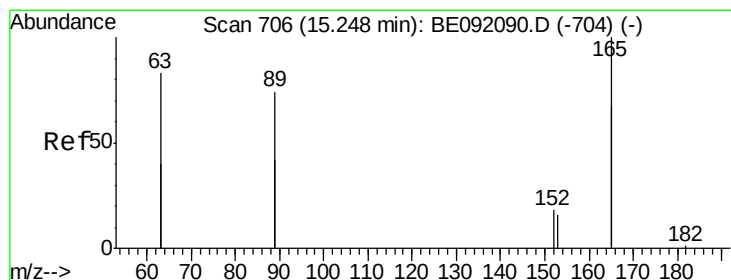
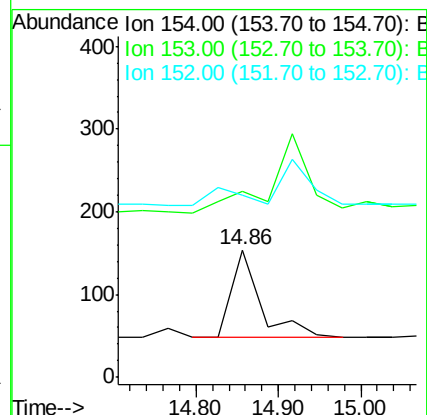
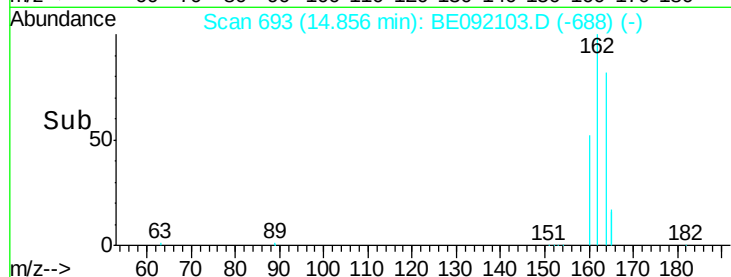


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.86



#21

2,4-Dinitrotoluene

Concen: 1.10 ng

RT: 14.86 min Scan# 693

Delta R.T. -0.39 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Tgt Ion:165 Resp: 20304

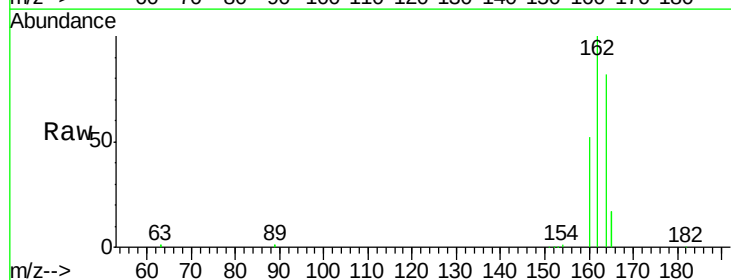
Ion Ratio Lower Upper

165 100

63 2.2 324.0 486.0#

89 2.7 308.4 462.6#

182 0.0 0.0 0.0



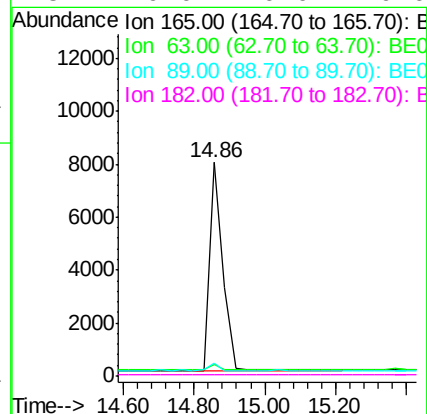
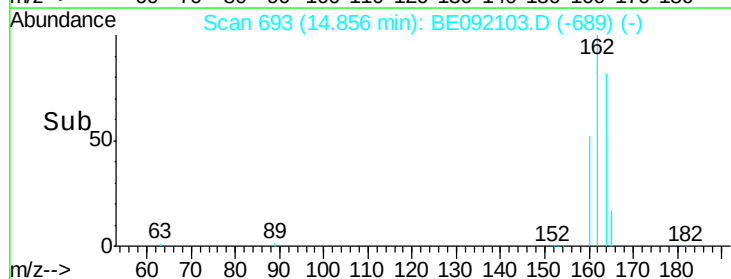
Abundance Ion 165.00 (164.70 to 165.70): E

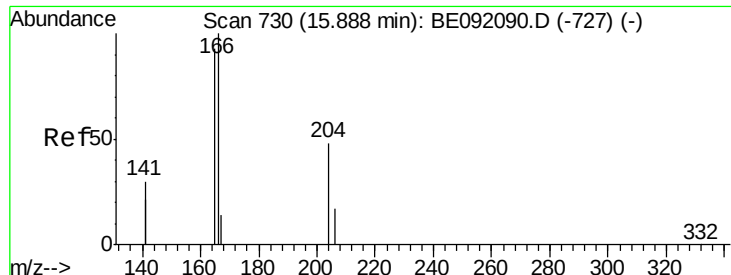
Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E

14.86





#22

Fluorene

Concen: 0.00 ng

RT: 15.89 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

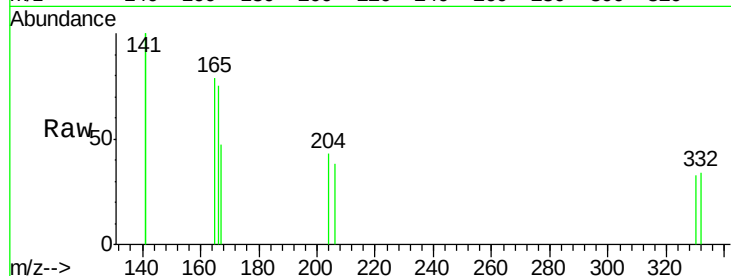
Tgt Ion:166 Resp: 90

Ion Ratio Lower Upper

166 100

165 110.0 78.6 118.0

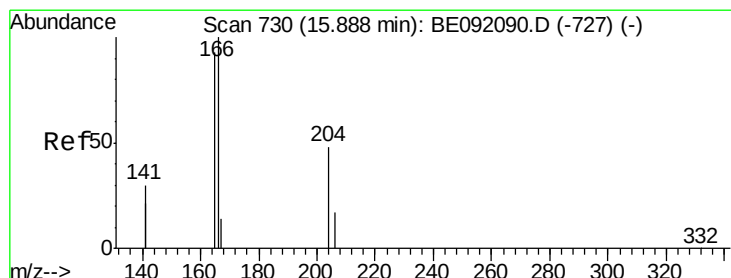
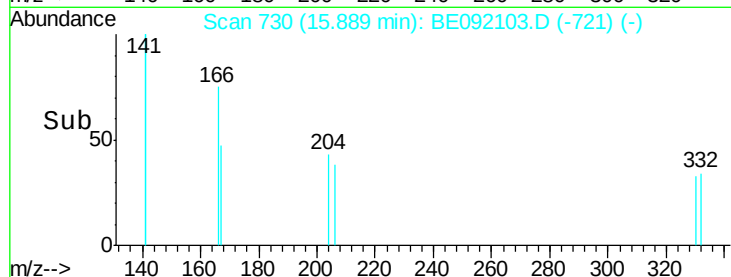
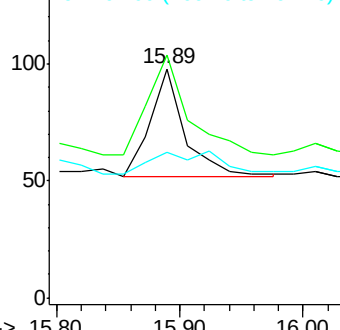
167 0.0 11.1 16.7#



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



#23

4-Chlorophenyl-phenylether

Concen: 0.03 ng

RT: 15.77 min Scan# 723

Delta R.T. -0.12 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

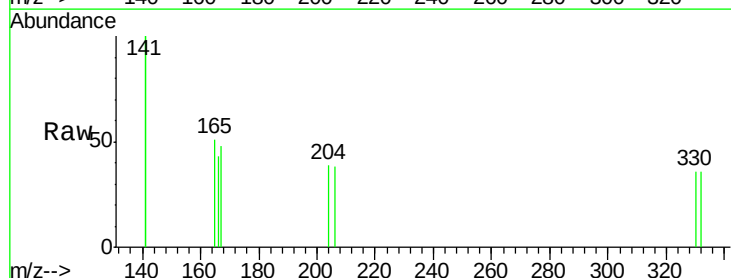
Tgt Ion:204 Resp: 345

Ion Ratio Lower Upper

204 100

206 69.3 27.0 40.4#

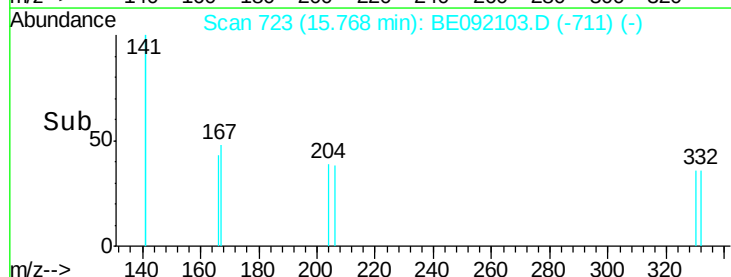
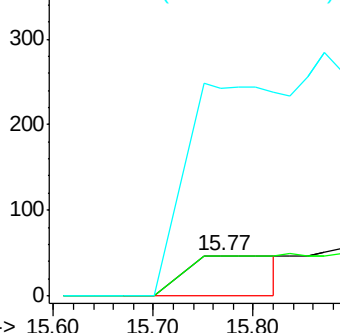
141 600.3 198.5 297.7#

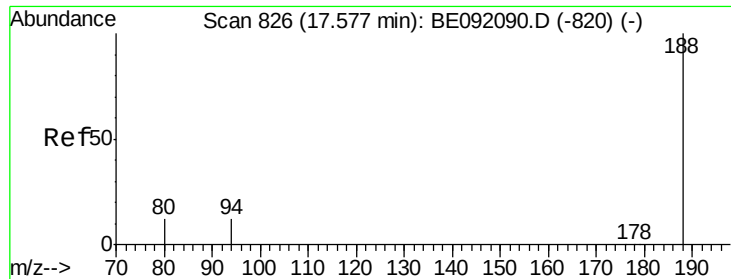


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

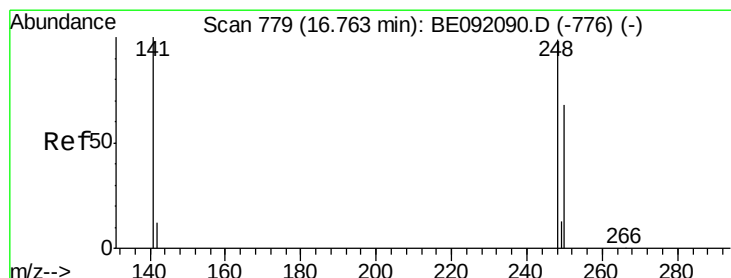
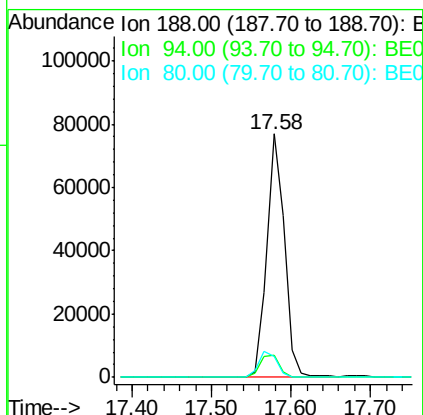
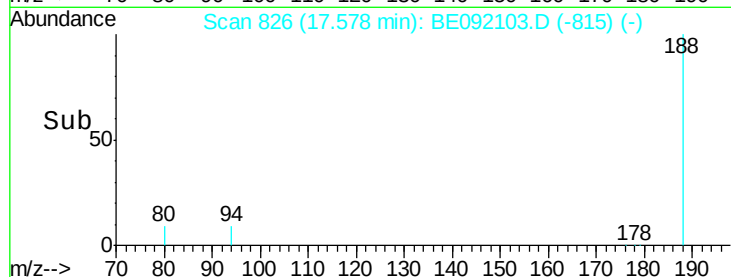
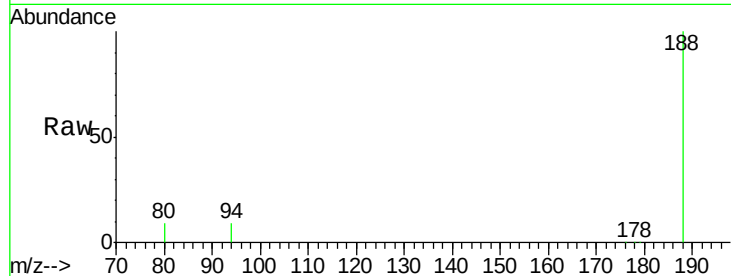




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

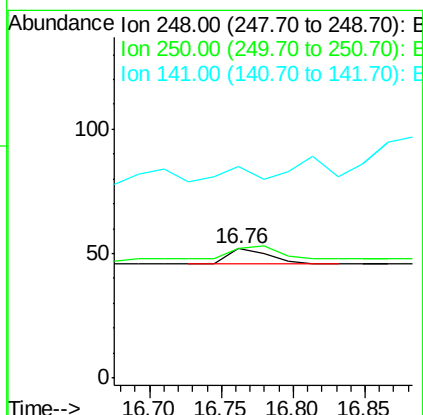
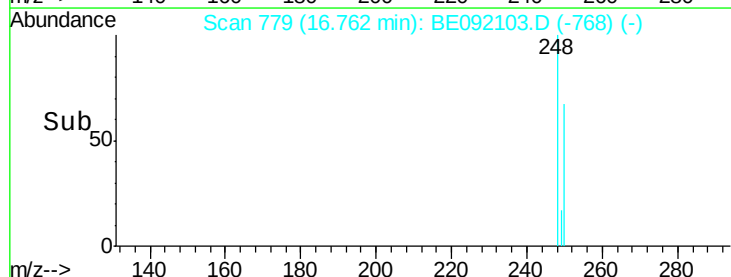
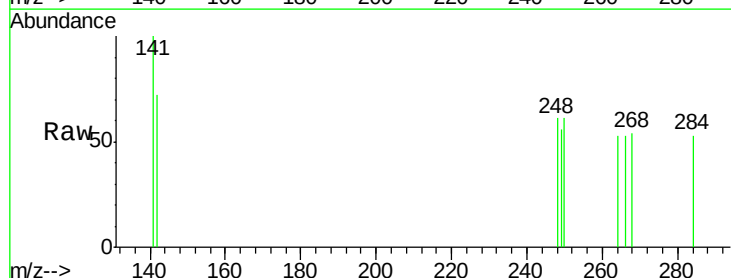
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-002

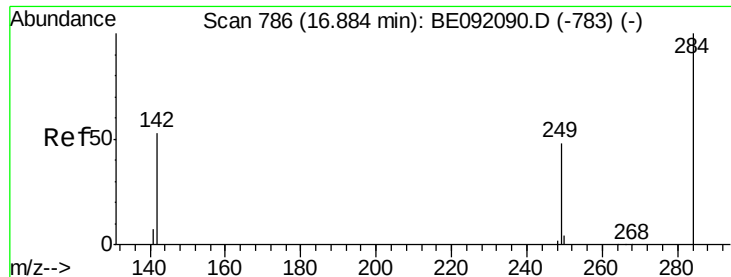
Tgt Ion:188 Resp: 146138
Ion Ratio Lower Upper
188 100
94 9.3 3.9 5.9#
80 8.8 3.4 5.0#



#25
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.76 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Tgt Ion:248 Resp: 11
Ion Ratio Lower Upper
248 100
250 0.0 79.6 119.4#
141 0.0 68.7 103.1#

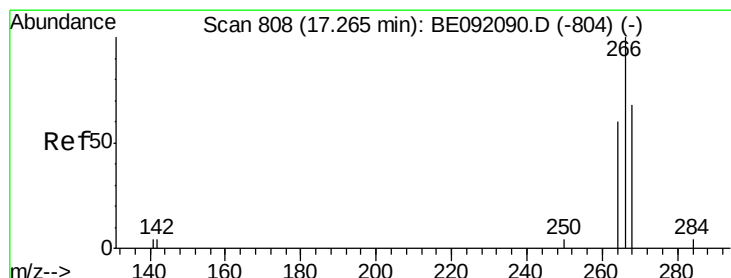
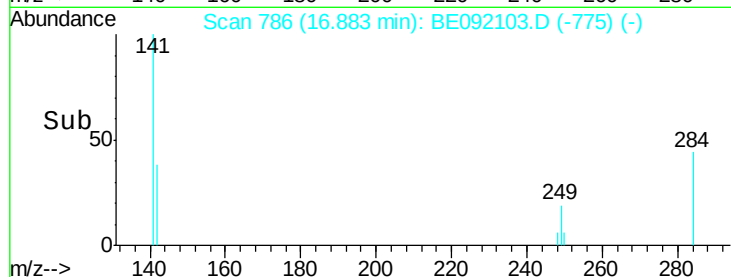
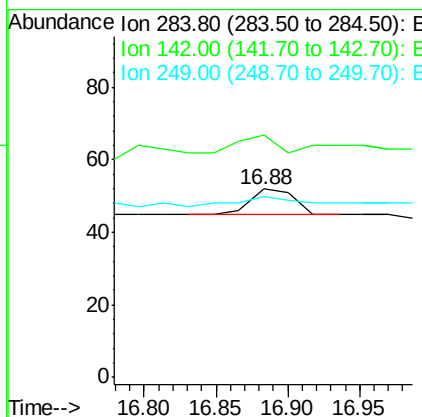
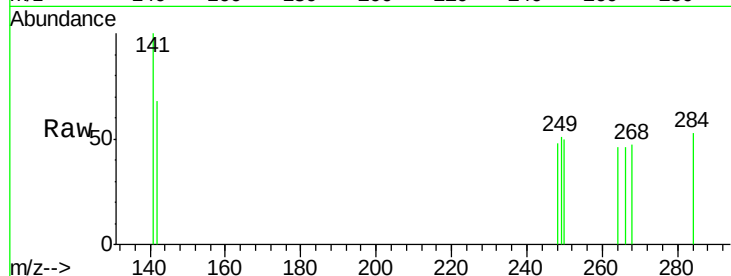




#26
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.88 min Scan# 786
Delta R.T. -0.00 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

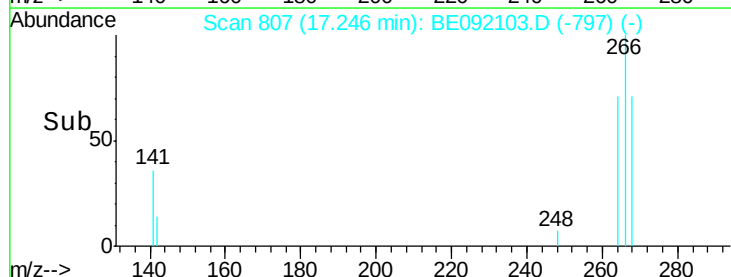
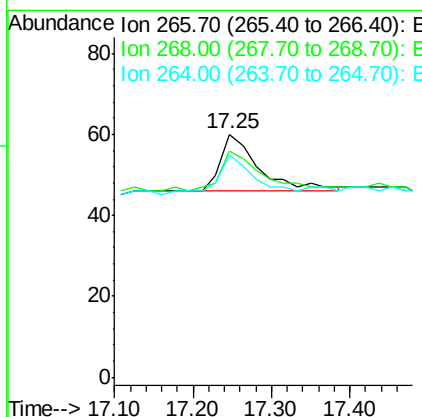
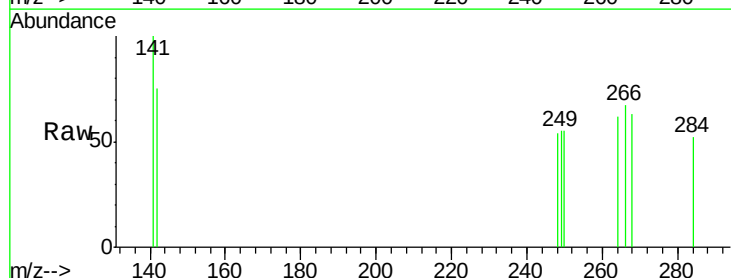
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-3-4-STONE-002

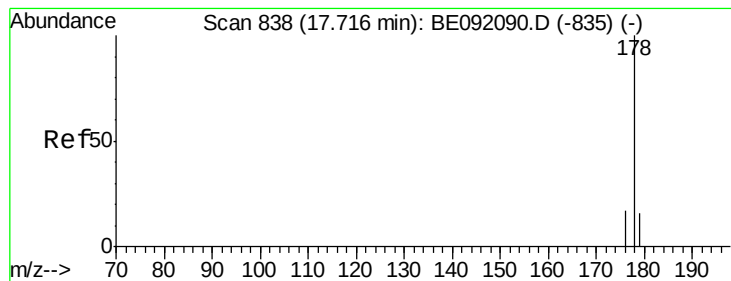
Tgt Ion: 284 Resp: 15
Ion Ratio Lower Upper
284 100
142 66.7 33.3 49.9#
249 66.7 25.4 38.0#



#27
Pentachlorophenol
Concen: 0.17 ng
RT: 17.25 min Scan# 807
Delta R.T. -0.02 min
Lab File: BE092103.D
Acq: 1 Aug 2016 22:13

Tgt Ion: 266 Resp: 48
Ion Ratio Lower Upper
266 100
268 93.3 62.7 94.1
264 91.7 63.5 95.3





#28

Phenanthrene

Concen: Below Cal

RT: 17.62 min Scan# 830

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

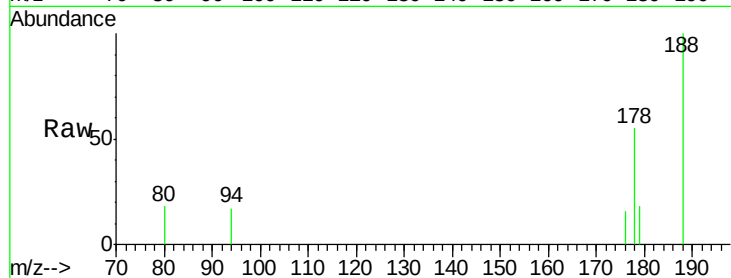
Tgt Ion:178 Resp: 1486

Ion Ratio Lower Upper

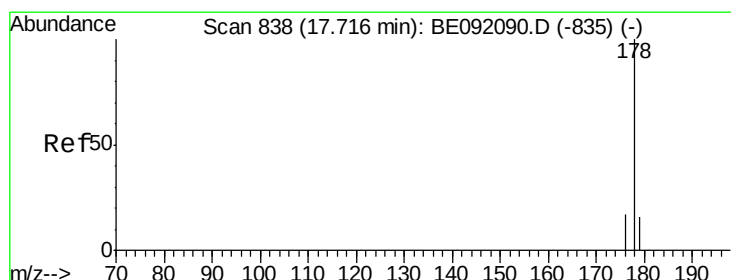
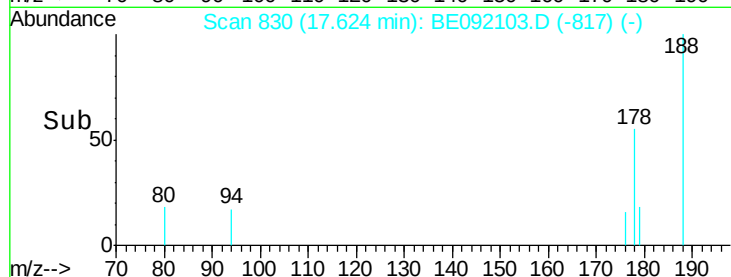
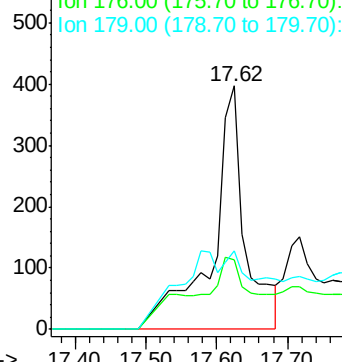
178 100

176 11.6 15.4 23.0#

179 0.0 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: 0.01 ng

RT: 17.72 min Scan# 838

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

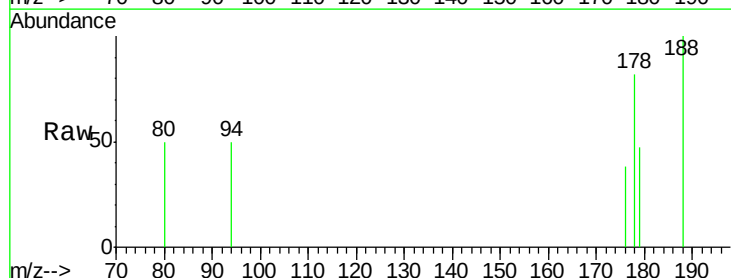
Tgt Ion:178 Resp: 179

Ion Ratio Lower Upper

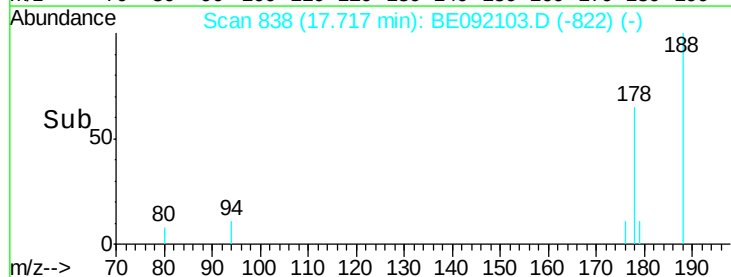
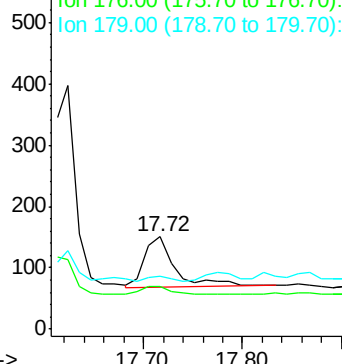
178 100

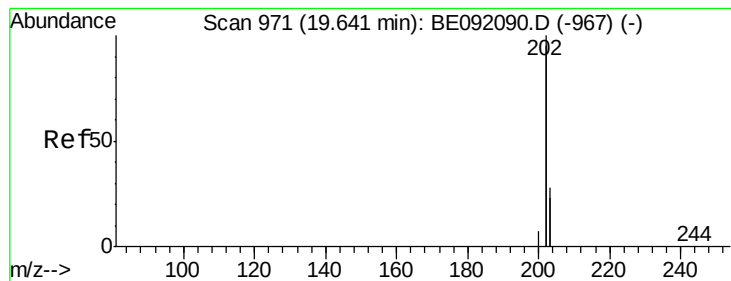
176 19.6 15.2 22.8

179 6.7 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: Below Cal

RT: 19.64 min Scan# 971

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

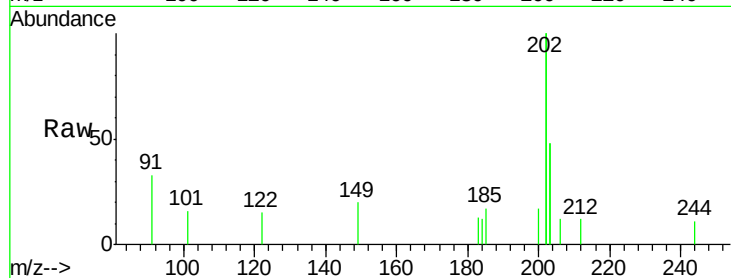
Tgt Ion:202 Resp: 2453

Ion Ratio Lower Upper

202 100

101 0.0 2.2 3.2#

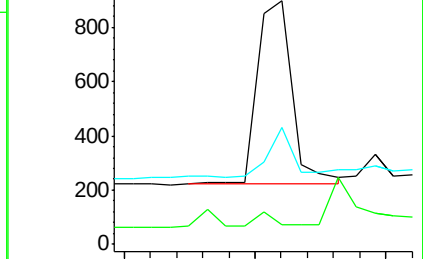
203 20.1 13.0 19.4#



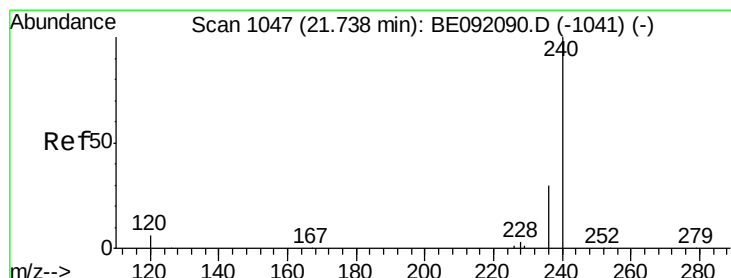
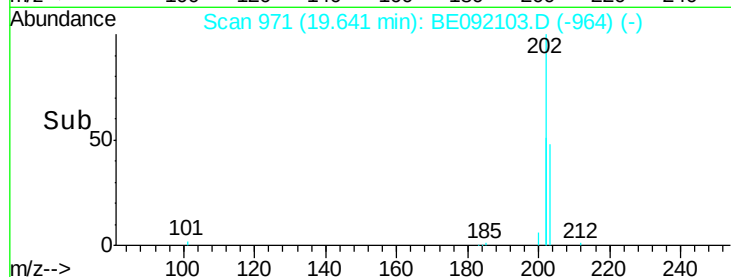
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.60 19.80



#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.74 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

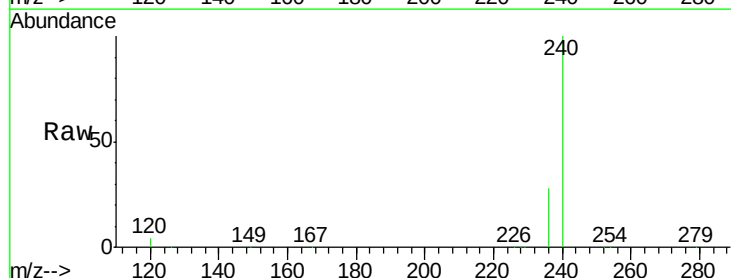
Tgt Ion:240 Resp: 148475

Ion Ratio Lower Upper

240 100

120 3.8 0.6 1.0#

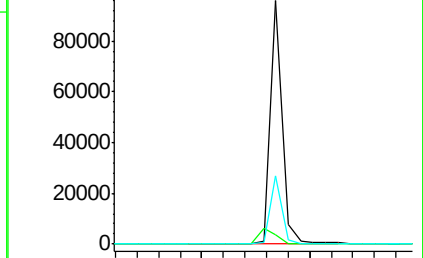
236 28.1 18.2 27.4#



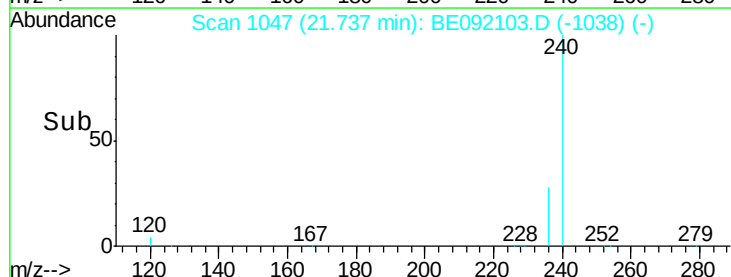
Abundance Ion 240.00 (239.70 to 240.70): E

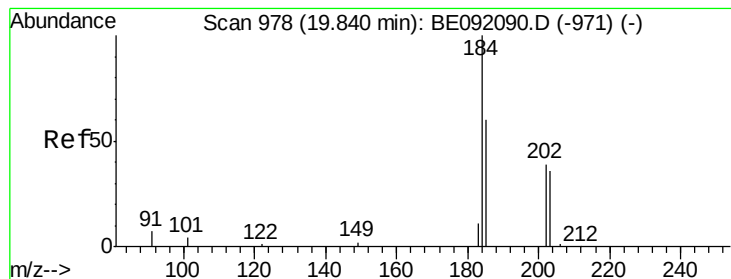
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.80





#32

Benzidine

Concen: 0.36 ng

RT: 19.90 min Scan# 980

Delta R.T. 0.06 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

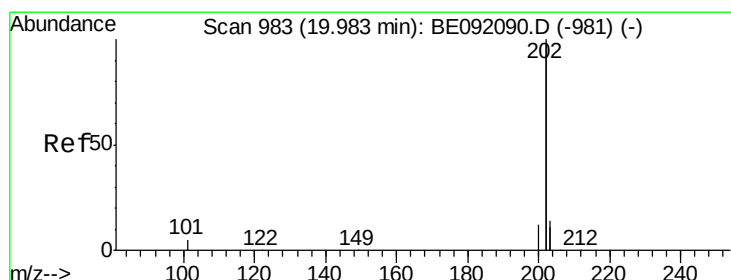
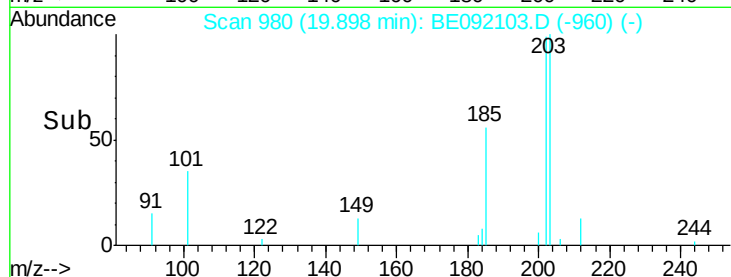
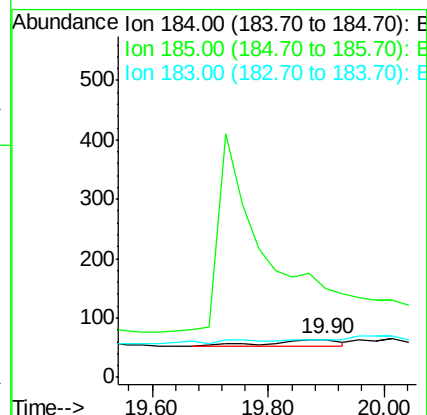
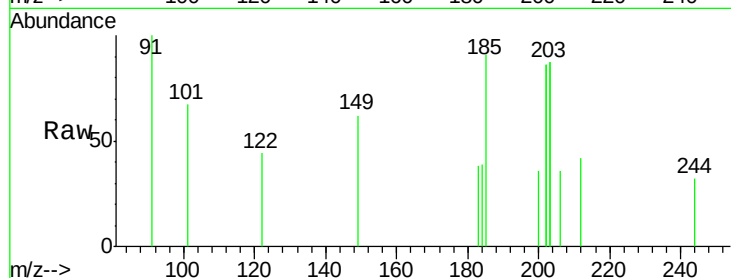
Tgt Ion:184 Resp: 87

Ion Ratio Lower Upper

184 100

185 234.4 23.8 35.6#

183 98.4 20.7 31.1#



#33

Pyrene

Concen: 0.02 ng

RT: 19.98 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

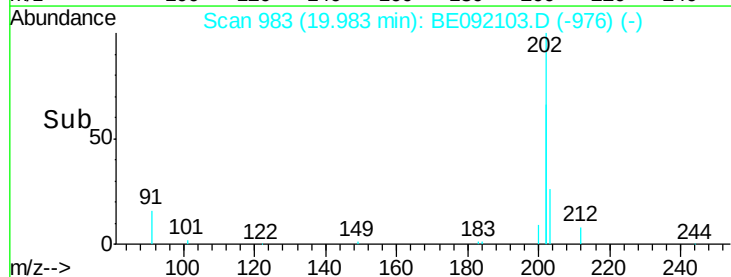
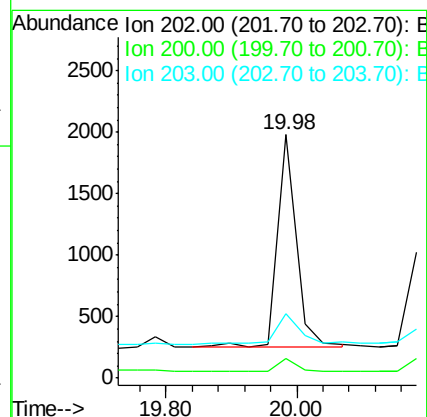
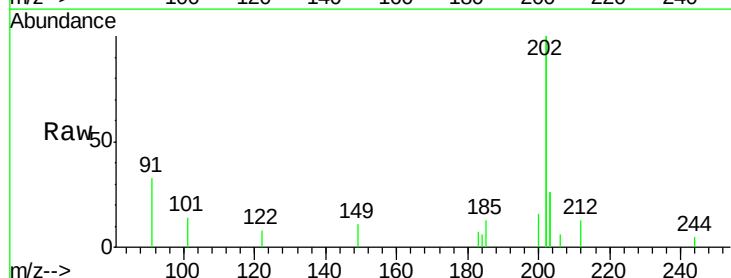
Tgt Ion:202 Resp: 3410

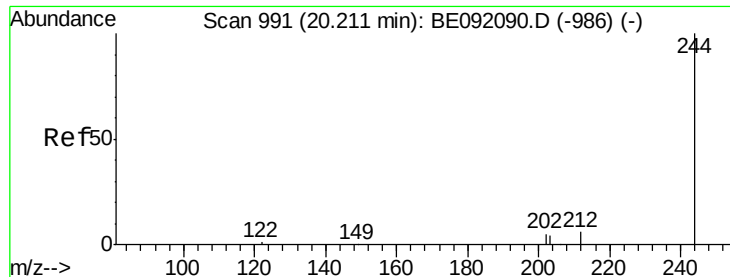
Ion Ratio Lower Upper

202 100

200 5.8 4.4 6.6

203 17.7 13.4 20.0

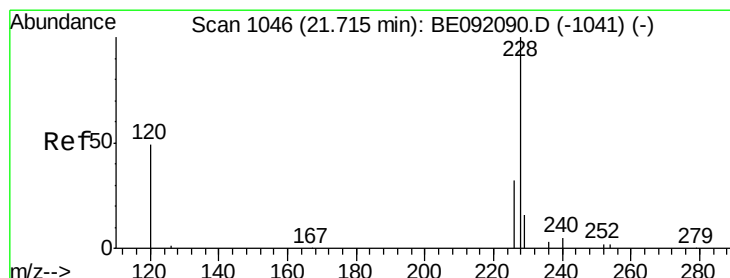
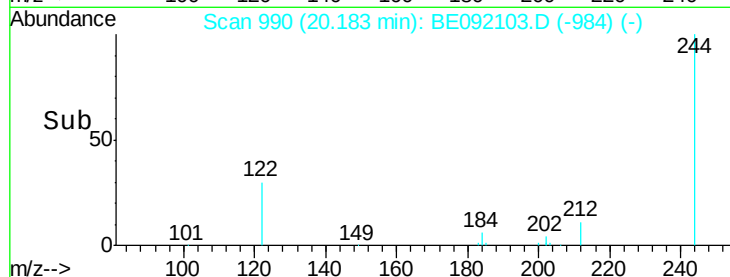
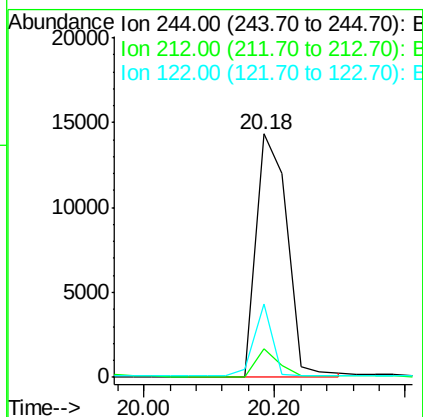
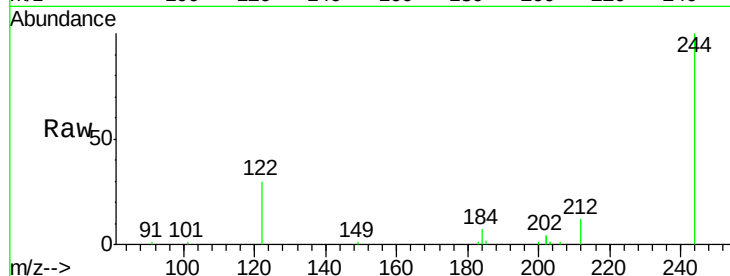




#34
 Terphenyl-d14
 Concen: 3.21 ng
 RT: 20.18 min Scan# 990
 Delta R.T. -0.03 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

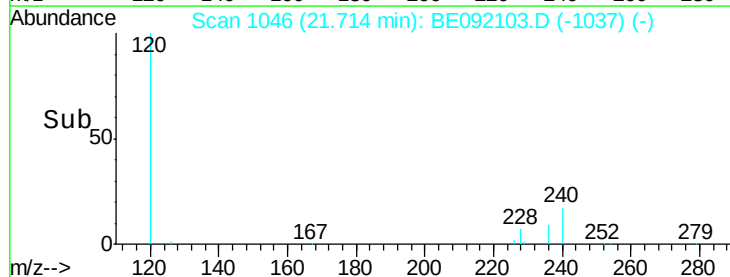
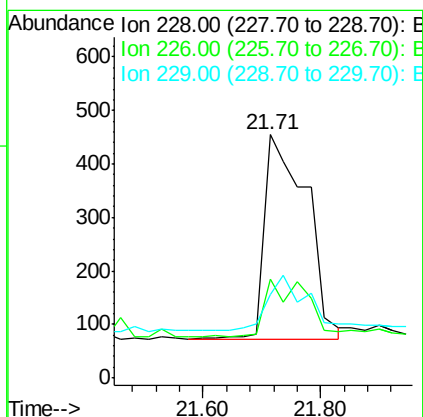
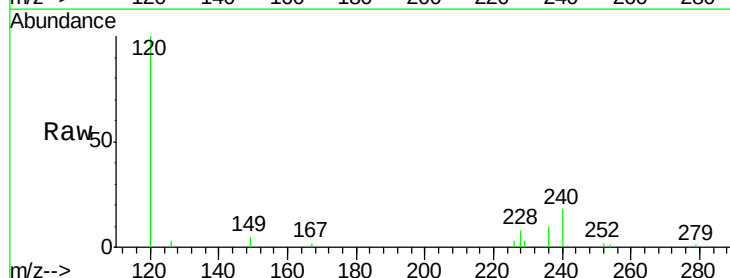
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

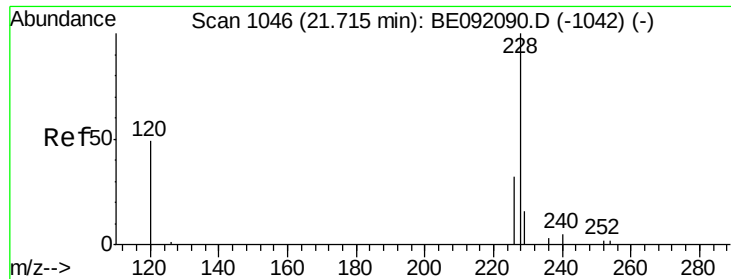
Tgt Ion: 244 Resp: 46621
 Ion Ratio Lower Upper
 244 100
 212 11.7 9.1 13.7
 122 30.3 11.0 16.4#



#35
 Benzo(a)anthracene
 Concen: Below Cal
 RT: 21.71 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

Tgt Ion: 228 Resp: 1887
 Ion Ratio Lower Upper
 228 100
 226 40.7 22.1 33.1#
 229 34.3 15.1 22.7#

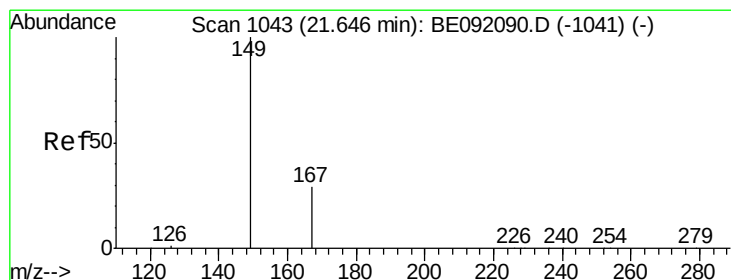
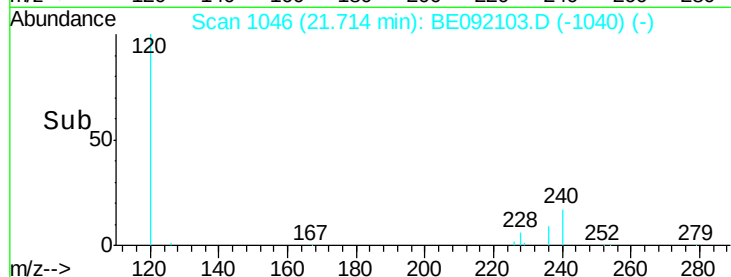
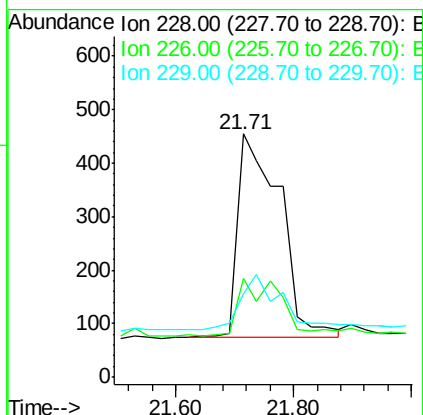
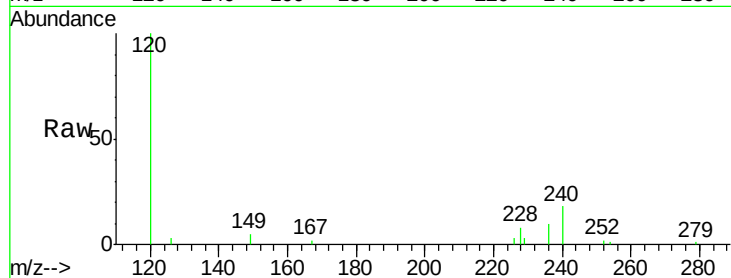




#37
Chrysene
 Concen: 0.05 ng
 RT: 21.71 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

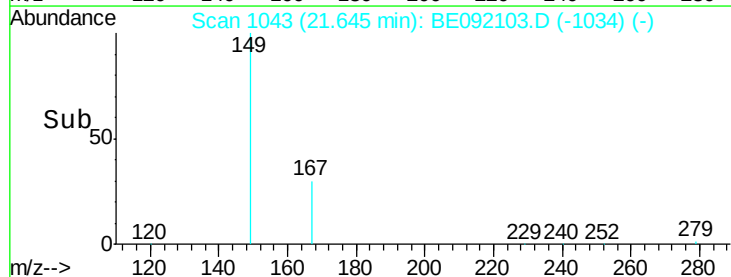
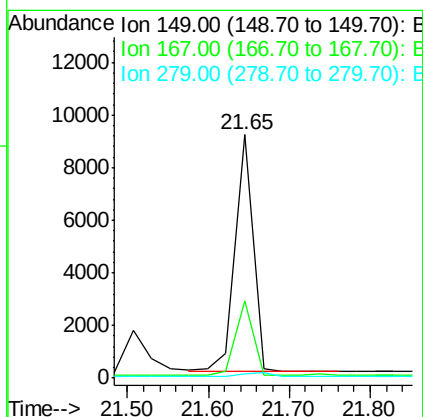
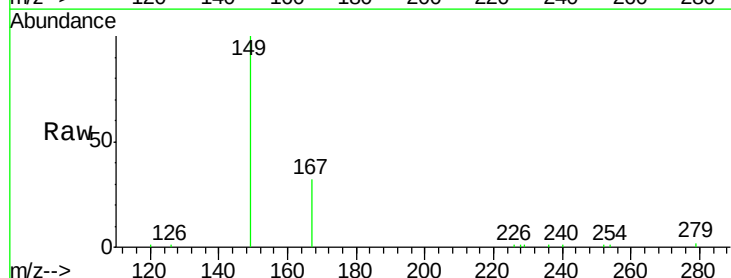
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

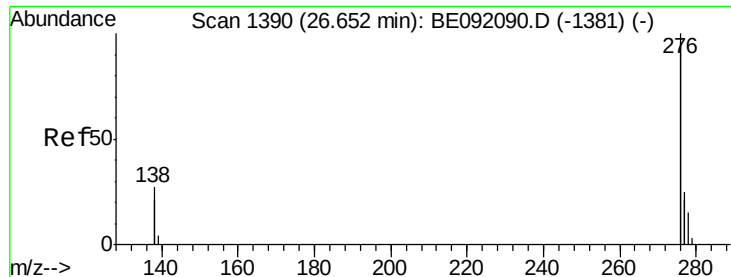
Tgt Ion: 228 Resp: 1917
 Ion Ratio Lower Upper
 228 100
 226 40.7 22.3 33.5#
 229 34.3 16.9 25.3#



#38
Bis(2-ethylhexyl)phthalate
 Concen: 0.37 ng
 RT: 21.65 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE092103.D
 Acq: 1 Aug 2016 22:13

Tgt Ion: 149 Resp: 13776
 Ion Ratio Lower Upper
 149 100
 167 30.3 3.8 5.6#
 279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 26.65 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

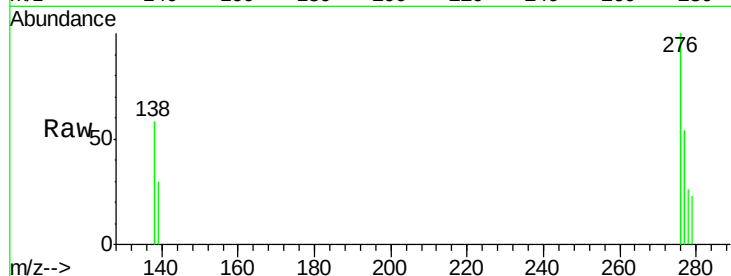
Tgt Ion:276 Resp: 2361

Ion Ratio Lower Upper

276 100

138 30.7 21.2 31.8

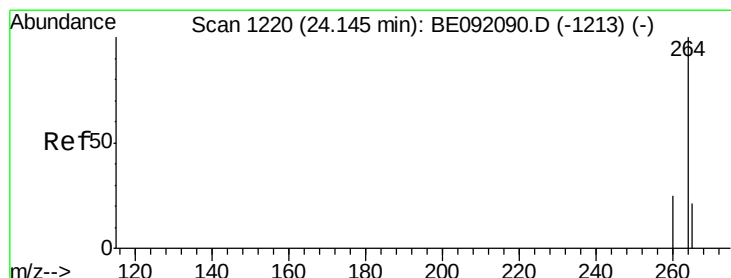
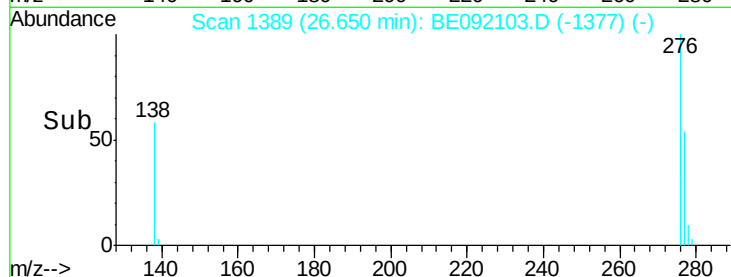
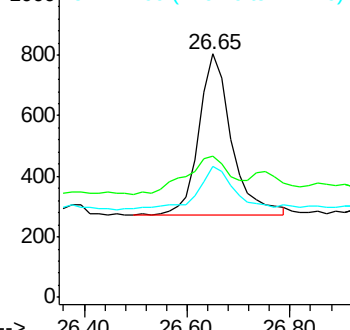
277 27.4 19.8 29.8



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# 1220

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

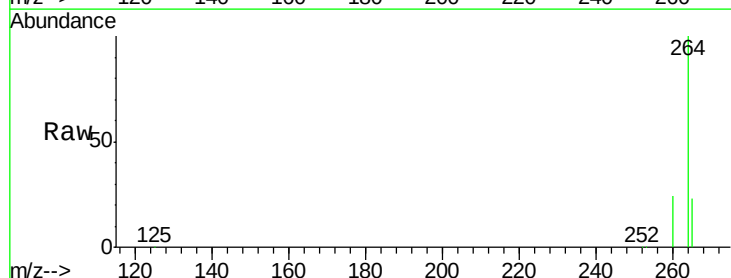
Tgt Ion:264 Resp: 126513

Ion Ratio Lower Upper

264 100

260 24.0 20.8 31.2

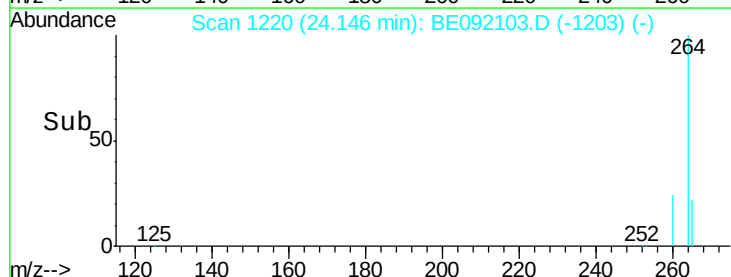
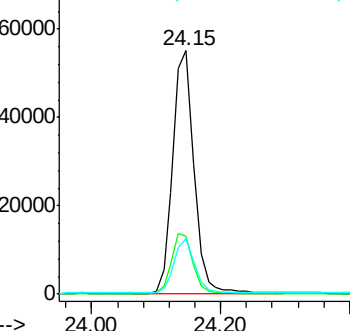
265 22.8 16.6 25.0

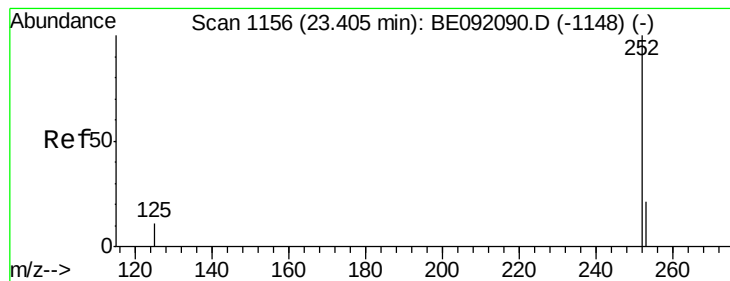


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: Below Cal

RT: 23.41 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

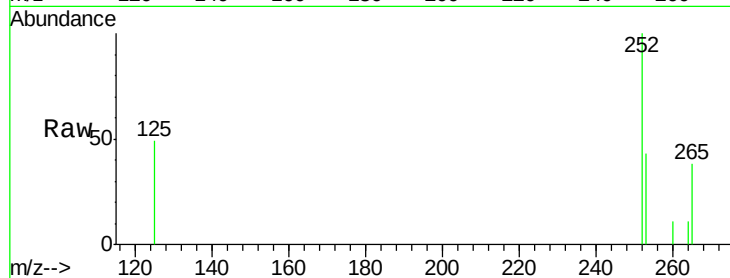
Tgt Ion:252 Resp: 1132

Ion Ratio Lower Upper

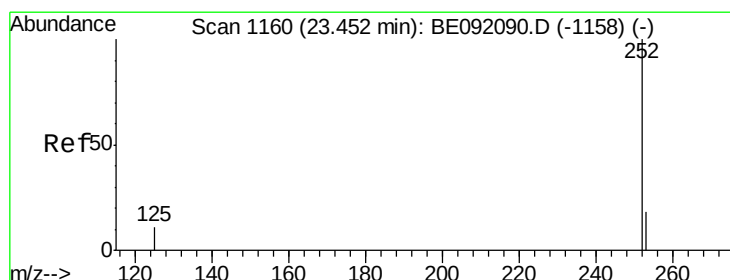
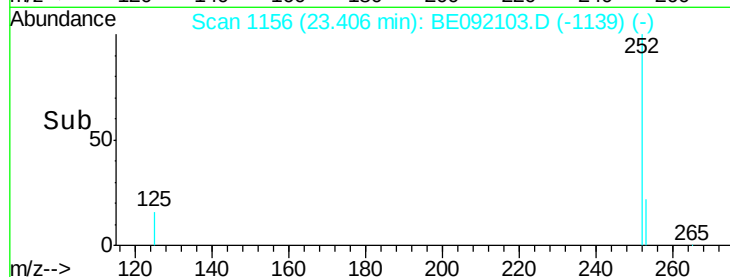
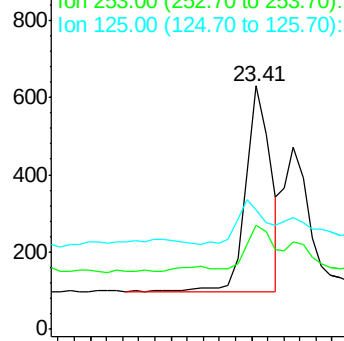
252 100

253 42.7 17.4 26.0#

125 49.0 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: 0.03 ng

RT: 23.41 min Scan# 1156

Delta R.T. -0.05 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

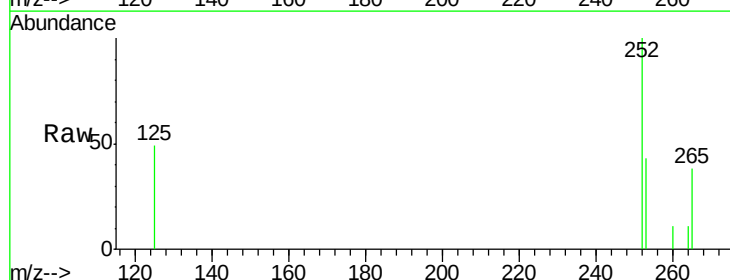
Tgt Ion:252 Resp: 1111

Ion Ratio Lower Upper

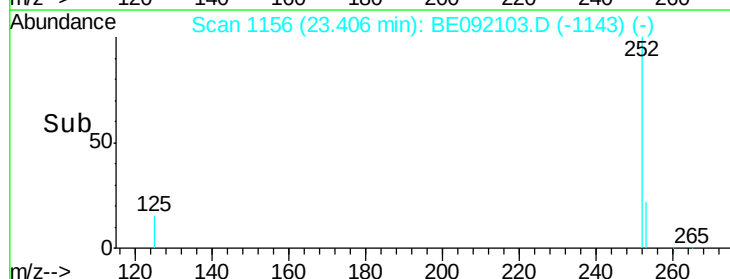
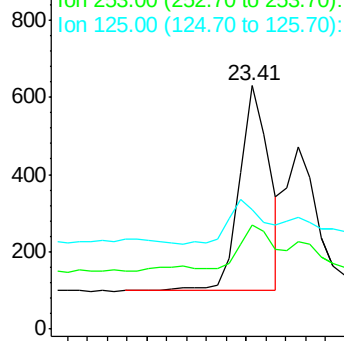
252 100

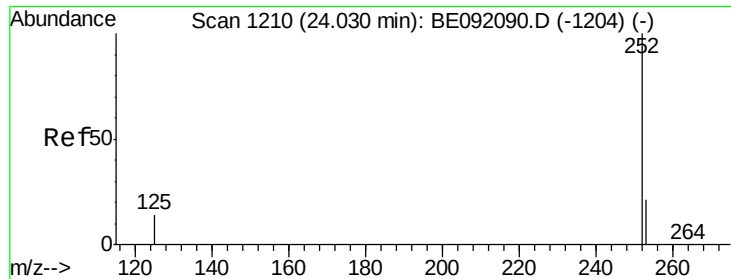
253 42.7 19.4 29.0#

125 49.0 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: 0.01 ng

RT: 24.03 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

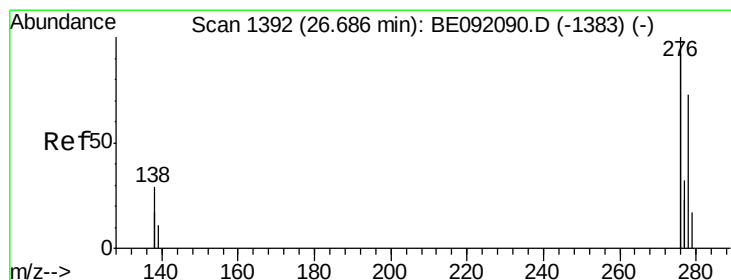
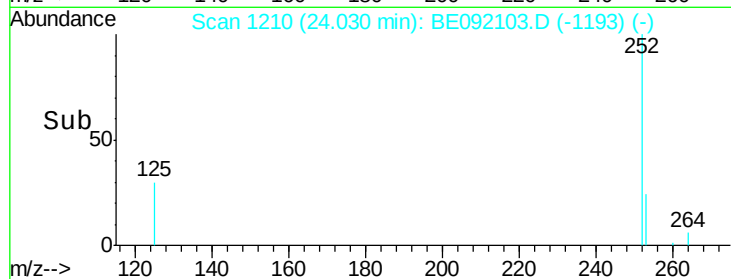
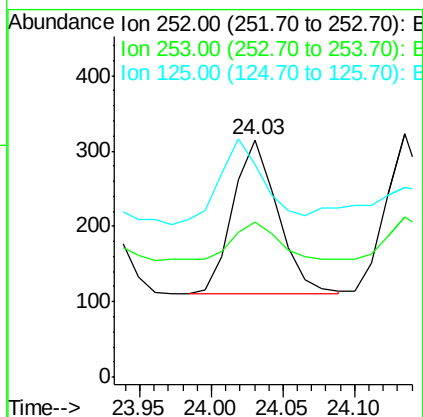
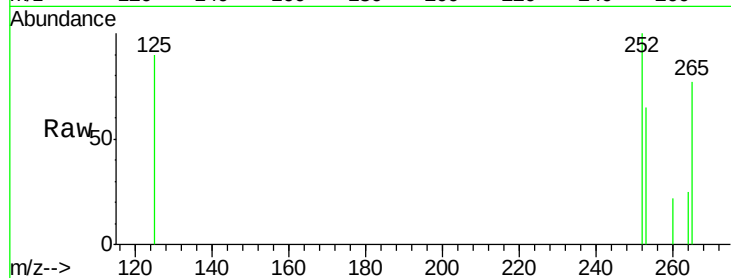
Tgt Ion: 252 Resp: 447

Ion Ratio Lower Upper

252 100

253 65.1 19.8 29.8#

125 89.8 10.4 15.6#



#44

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 26.68 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE092103.D

Acq: 1 Aug 2016 22:13

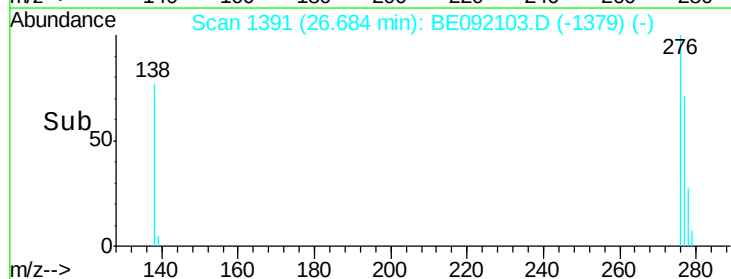
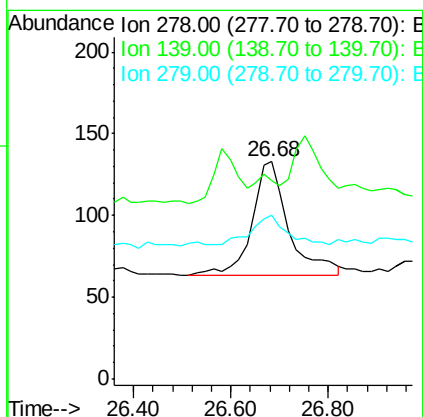
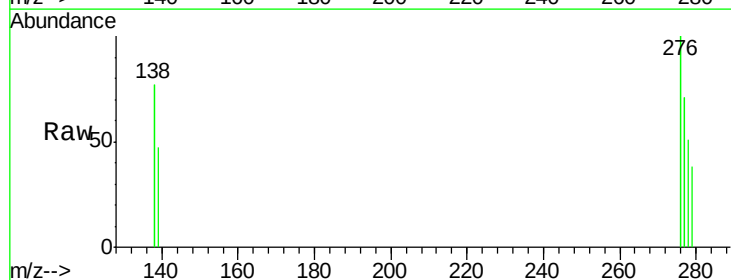
Tgt Ion: 278 Resp: 376

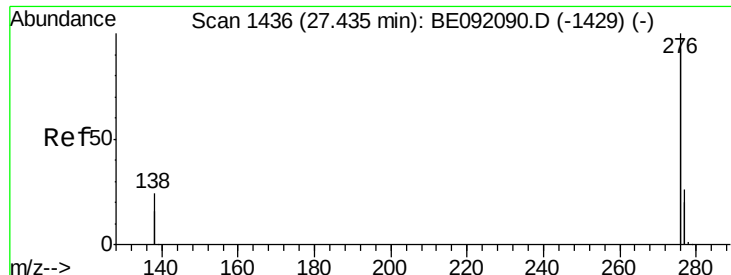
Ion Ratio Lower Upper

278 100

139 91.0 16.7 25.1#

279 75.2 20.3 30.5#





#45

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 27.42 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BE092103.D

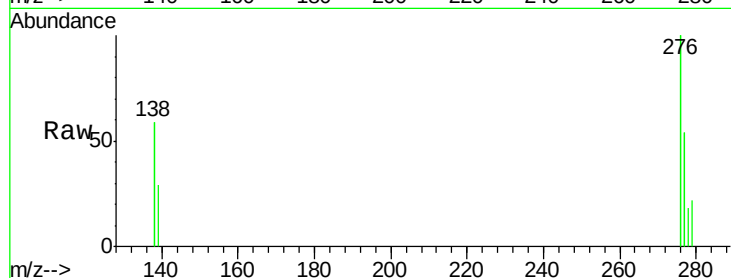
Acq: 1 Aug 2016 22:13

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002



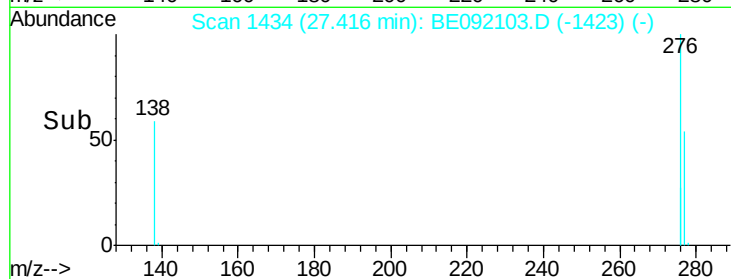
Tgt Ion: 276 Resp: 2106

Ion Ratio Lower Upper

276 100

277 53.6 19.5 29.3#

138 58.8 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

