

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092065.D
 Acq On : 28 Jul 2016 3:48
 Operator : UM/SJ
 Sample : H4107-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 28 05:43:35 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	16292	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	75024	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	34162	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	104047	5.00	ng	0.00
31) Chrysene-d12	21.76	240	99760	5.00	ng	0.00
40) Perylene-d12	24.15	264	114869	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.70	112	23988	6.61	ng	-0.02
5) Phenol-d6	7.35	99	33982	7.02	ng	0.00
9) Nitrobenzene-d5	9.35	82	18675	3.34	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	8713	5.53	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	45199	3.30	ng	0.00
34) Terphenyl-d14	20.20	244	75821	4.08	ng	0.00

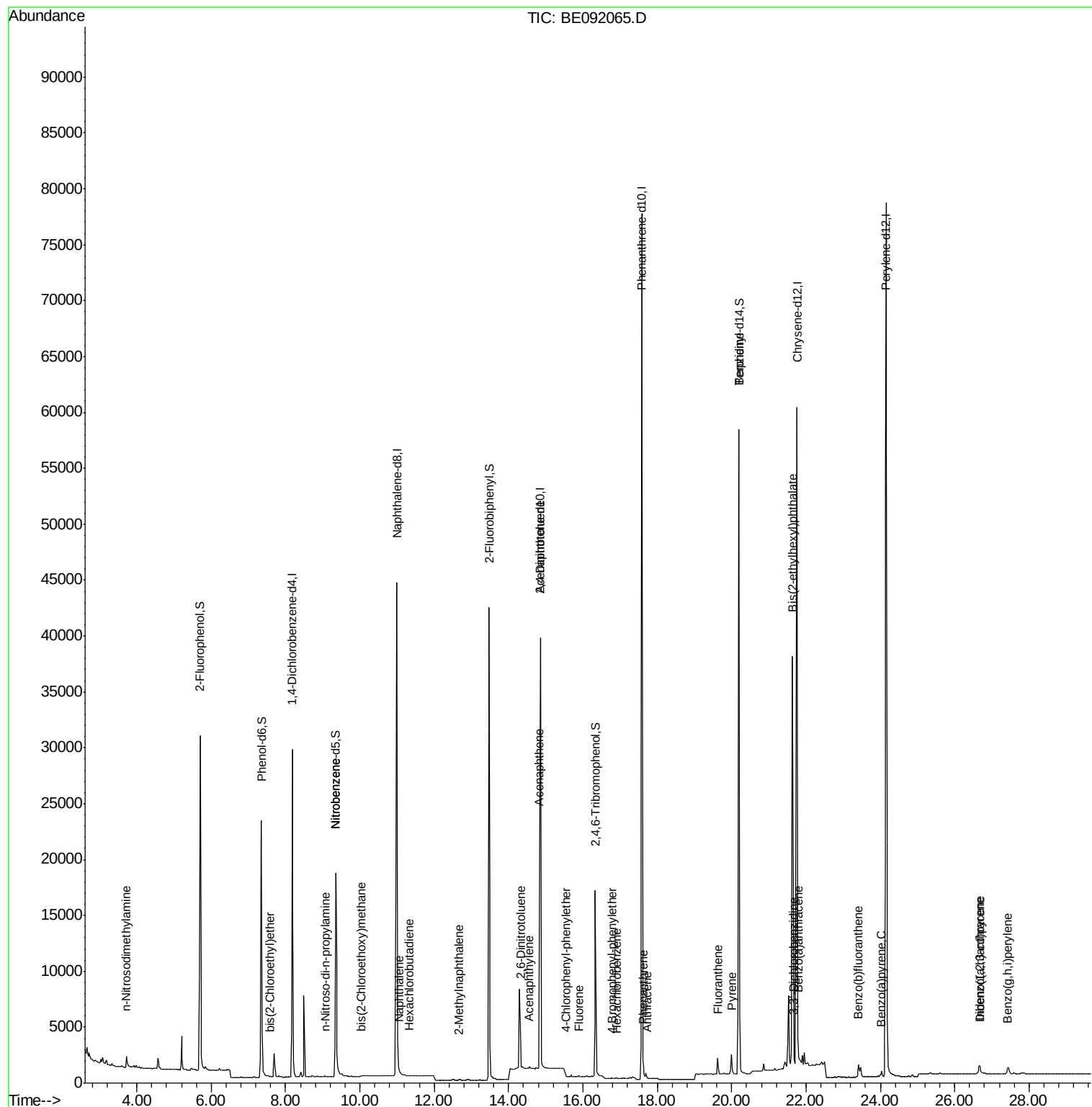
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.71	42	360	0.13	ng	# 1
6) bis(2-Chloroethyl)ether	7.59	93	9	0.00	ng	# 29
7) n-Nitroso-di-n-propylamine	9.06	70	138	0.04	ng	# 67
10) Nitrobenzene	9.35	77	91	0.02	ng	# 44
11) bis(2-Chloroethoxy)methane	10.05	93	629	0.10	ng	# 55
12) Naphthalene	11.04	128	61	0.00	ng	# 1
13) Hexachlorobutadiene	11.32	225	7	0.00	ng	# 74
14) 2-Methylnaphthalene	12.68	142	40	0.00	ng	# 52
18) Acenaphthylene	14.56	152	380	0.00	ng	# 91
19) 2,6-Dinitrotoluene	14.31	165	5304	0.61	ng	# 100
20) Acenaphthene	14.83	154	172	0.02	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	19614	1.53	ng	# 1
22) Fluorene	15.90	166	77	0.01	ng	# 82
23) 4-Chlorophenyl-phenylether	15.55	204	458	0.06	ng	# 1
25) 4-Bromophenyl-phenylether	16.78	248	12	0.00	ng	# 49
26) Hexachlorobenzene	16.90	284	11	0.00	ng	# 1
28) Phenanthrene	17.63	178	434	0.02	ng	# 83
29) Anthracene	17.72	178	142	0.01	ng	# 97
30) Fluoranthene	19.63	202	2189	0.02	ng	# 98
32) Benzo(a)anthracene	20.20	184	1022	0.27	ng	# 96
33) Pyrene	19.99	202	2301	0.02	ng	# 93
35) Benzo(a)anthracene	21.78	228	2976	0.04	ng	# 89
36) 3,3'-Dichlorobenzidine	21.67	252	50	0.26	ng	# 21
37) Chrysene	21.78	228	3052	Below Cal		# 91
38) Bis(2-ethylhexyl)phthalate	21.64	149	62012	0.71	ng	# 98
39) Indeno(1,2,3-cd)pyrene	26.67	276	1904	0.02	ng	# 94
41) Benzo(b)fluoranthene	23.41	252	1695	0.00	ng	# 78
42) Benzo(k)fluoranthene	23.46	252	1301	Below Cal		# 77
43) Benzo(a)pyrene	24.04	252	789	0.03	ng	# 50
44) Dibenzo(a,h)anthracene	26.68	278	293	0.01	ng	# 14
45) Benzo(g,h,i)perylene	27.43	276	1568	0.01	ng	# 45

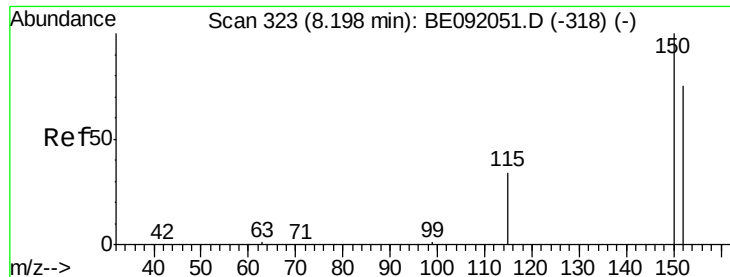
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

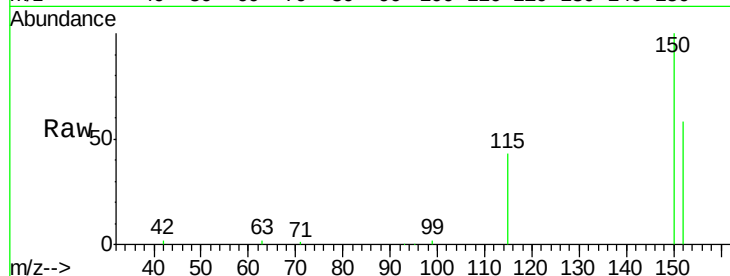
Tgt Ion:152 Resp: 16292

Ion Ratio Lower Upper

152 100

150 172.7 106.0 159.0#

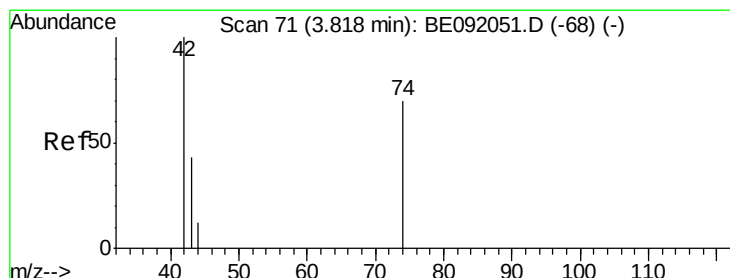
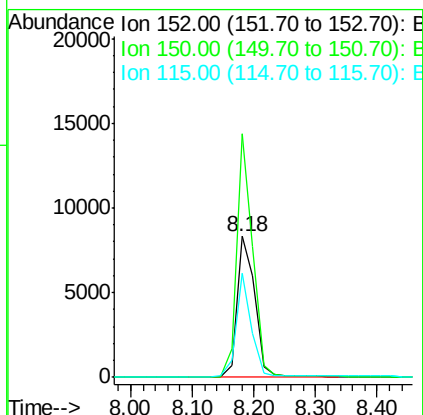
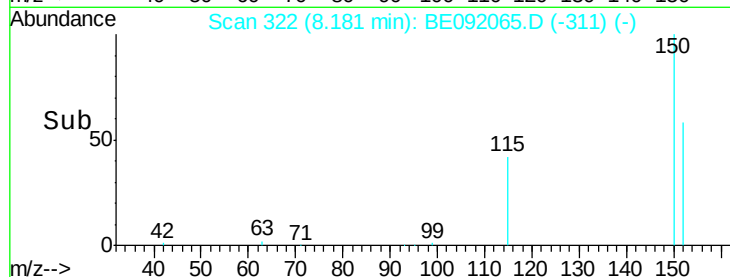
115 73.7 36.9 55.3#



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: 0.13 ng

RT: 3.71 min Scan# 65

Delta R.T. -0.10 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

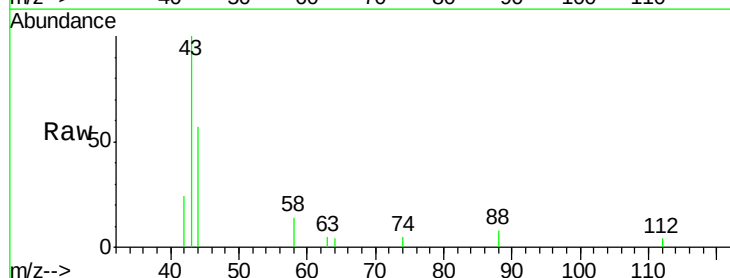
Tgt Ion: 42 Resp: 360

Ion Ratio Lower Upper

42 100

74 1.7 82.8 124.2#

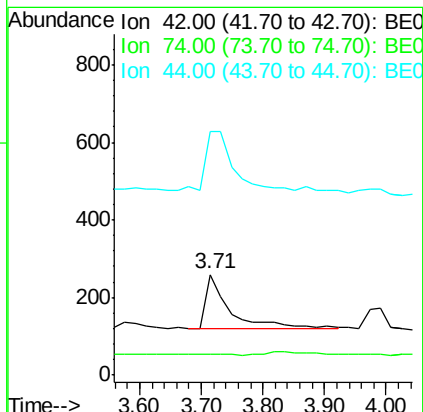
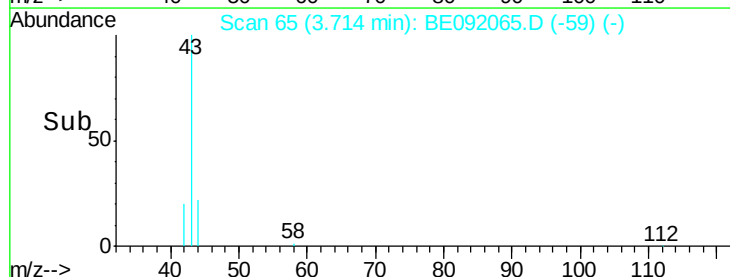
44 130.6 9.0 13.4#

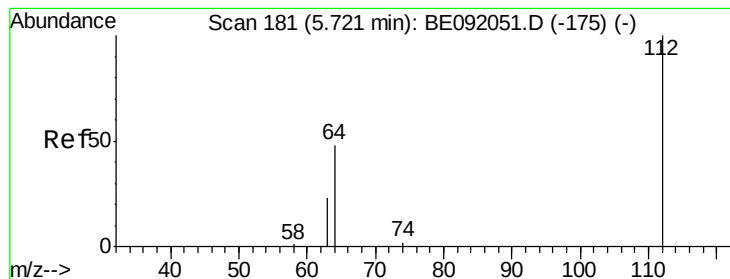


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 6.61 ng

RT: 5.70 min Scan# 180

Delta R.T. -0.02 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

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TILCON-MH-3-4-STONE-002

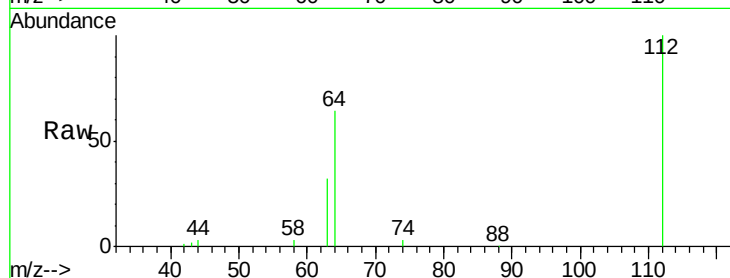
Tgt Ion: 112 Resp: 23988

Ion Ratio Lower Upper

112 100

64 66.6 55.9 83.9

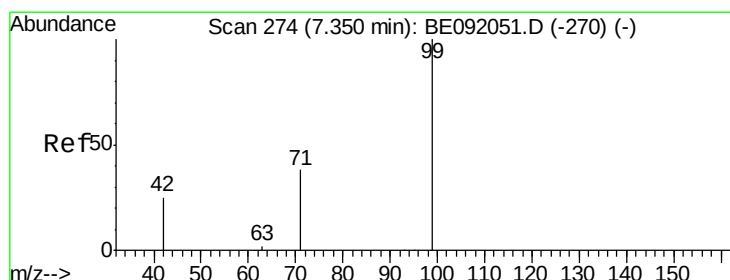
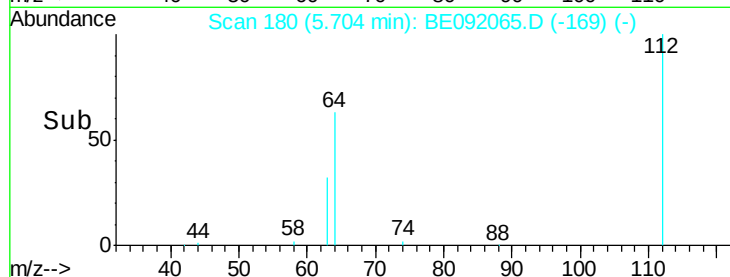
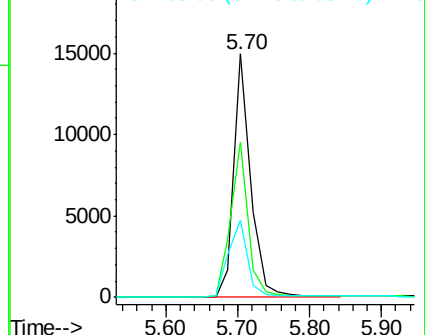
63 36.3 31.1 46.7



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 7.02 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

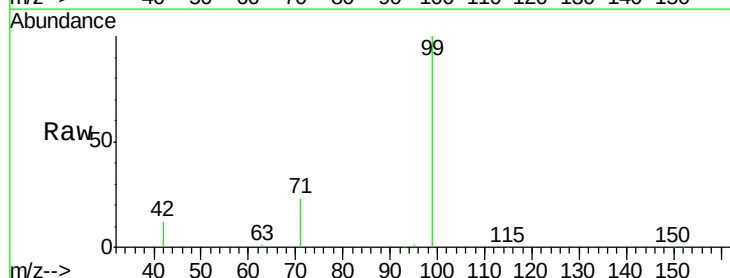
Tgt Ion: 99 Resp: 33982

Ion Ratio Lower Upper

99 100

42 25.8 22.4 33.6

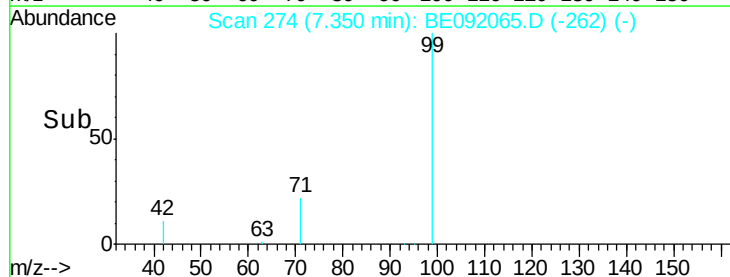
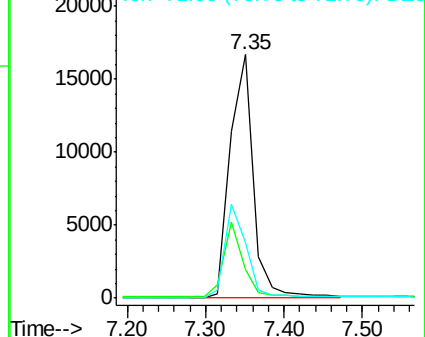
71 35.7 28.9 43.3

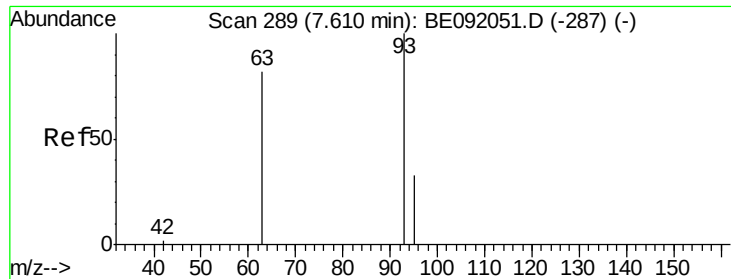


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 7.59 min Scan# 288

Delta R.T. -0.02 min

Lab File: BE092065.D

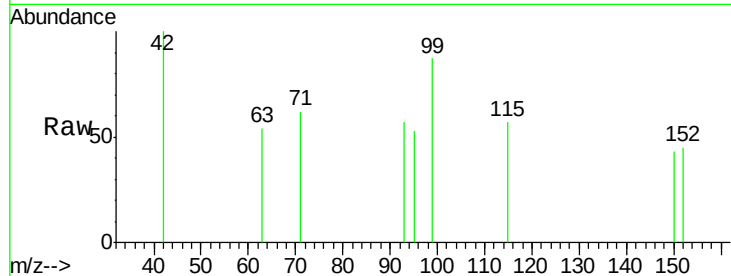
Acq: 28 Jul 2016 3:48

Instrument :

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TILCON-MH-3-4-STONE-002



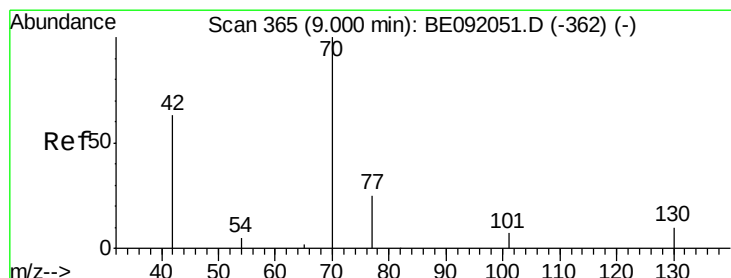
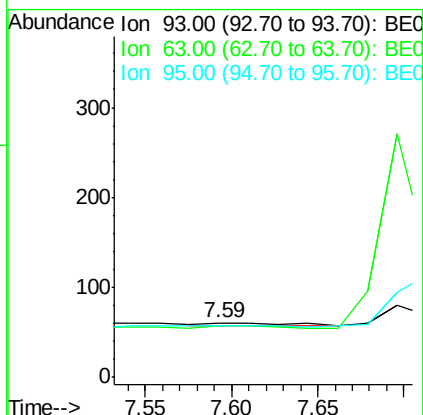
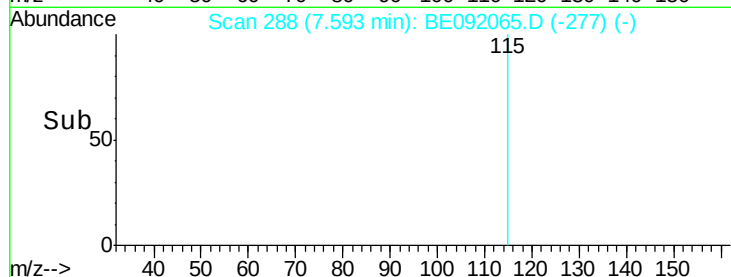
Tgt Ion: 93 Resp: 9

Ion Ratio Lower Upper

93 100

63 0.0 64.4 96.6#

95 44.4 25.8 38.8#



#7

n-Nitroso-di-n-propylamine

Concen: 0.04 ng

RT: 9.06 min Scan# 368

Delta R.T. 0.06 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Tgt Ion: 70 Resp: 138

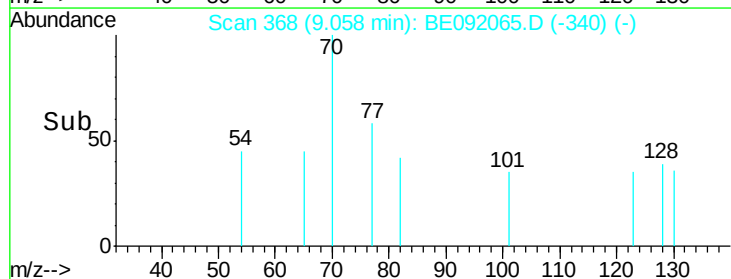
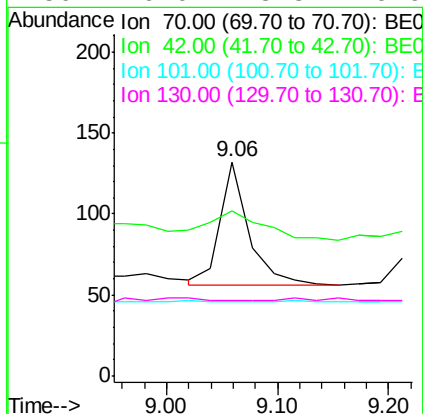
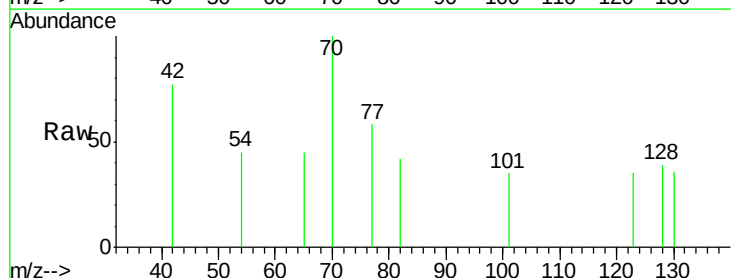
Ion Ratio Lower Upper

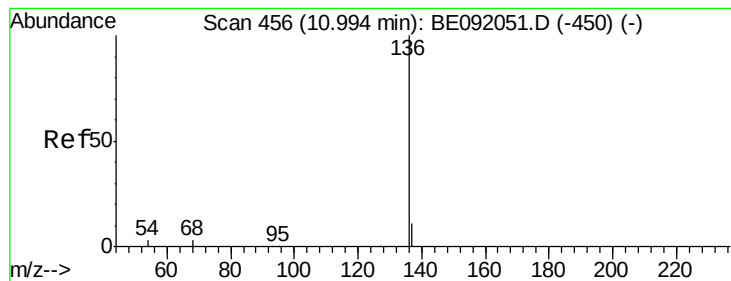
70 100

42 47.1 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: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

Tgt Ion: 136 Resp: 75024

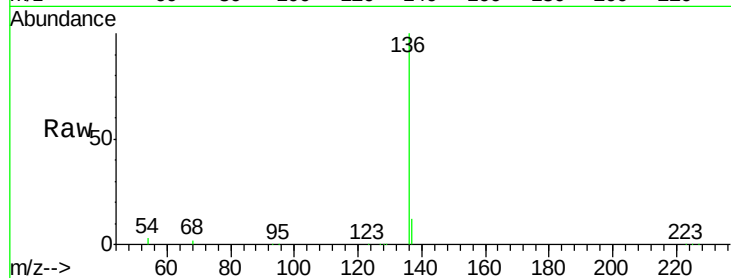
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 2.7 2.7 4.1#

68 2.2 2.2 3.4#

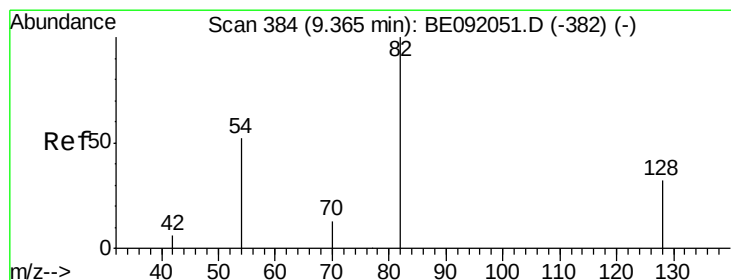
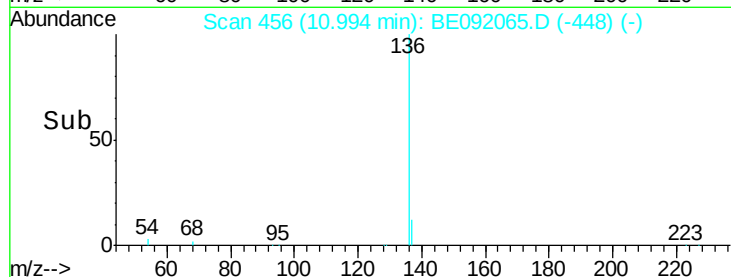
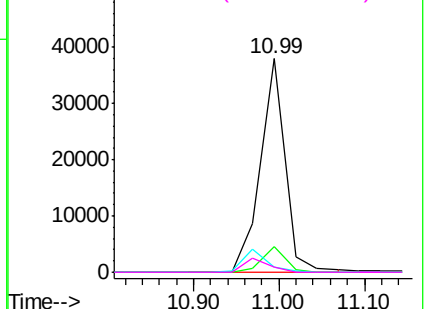


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.34 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

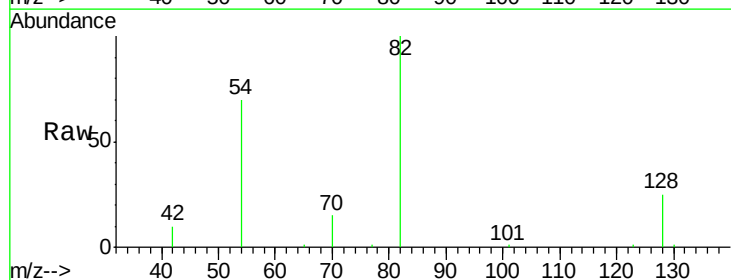
Tgt Ion: 82 Resp: 18675

Ion Ratio Lower Upper

82 100

128 24.8 33.0 49.4#

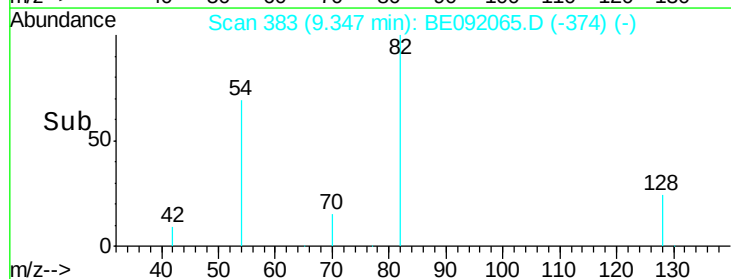
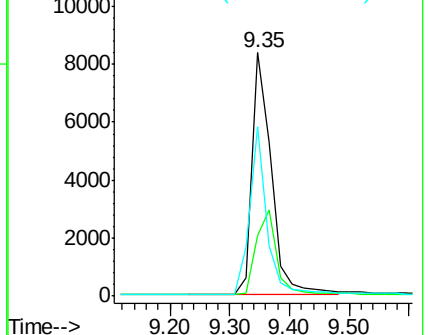
54 69.6 42.6 63.8#

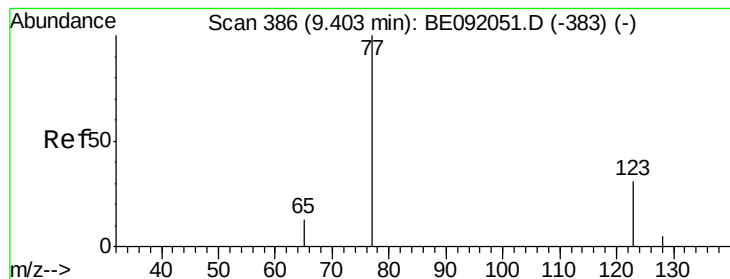


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Nitrobenzene

Concen: 0.02 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.06 min

Lab File: BE092065.D

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BNA_E

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TILCON-MH-3-4-STONE-002

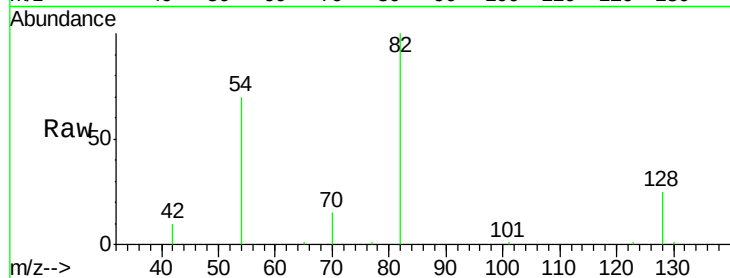
Tgt Ion: 77 Resp: 91

Ion Ratio Lower Upper

77 100

123 0.0 29.9 44.9#

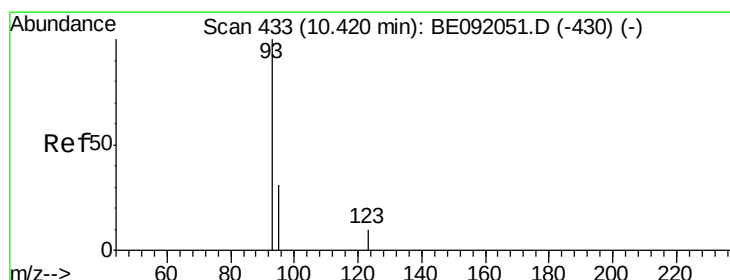
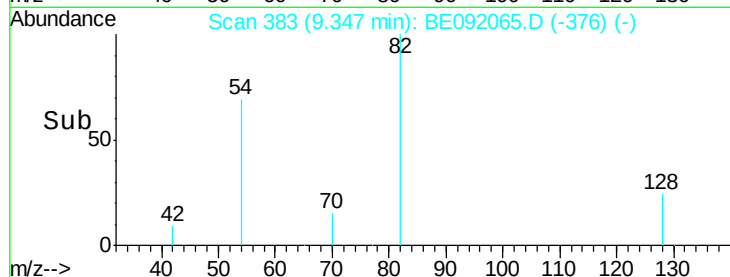
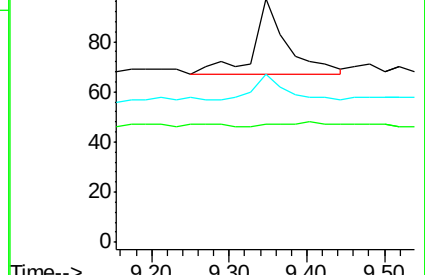
65 29.7 11.4 17.0#



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: 0.10 ng

RT: 10.05 min Scan# 418

Delta R.T. -0.37 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

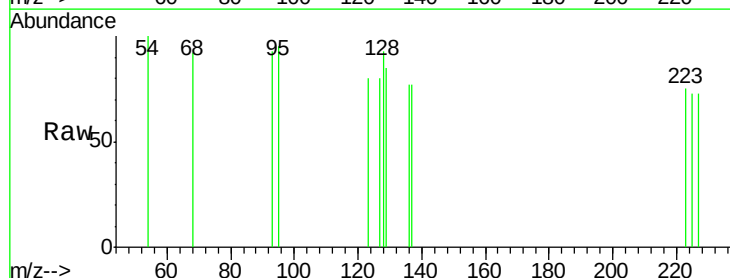
Tgt Ion: 93 Resp: 629

Ion Ratio Lower Upper

93 100

95 59.9 25.0 37.6#

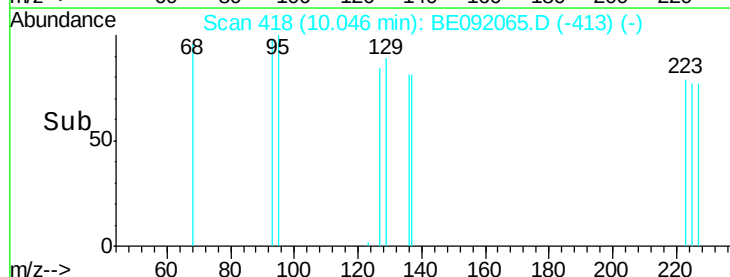
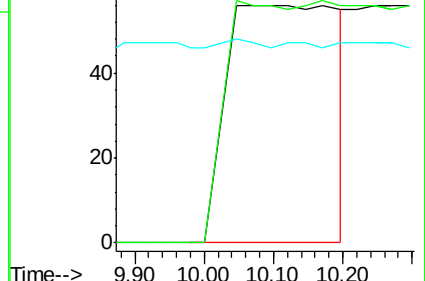
123 1.0 7.8 11.8#

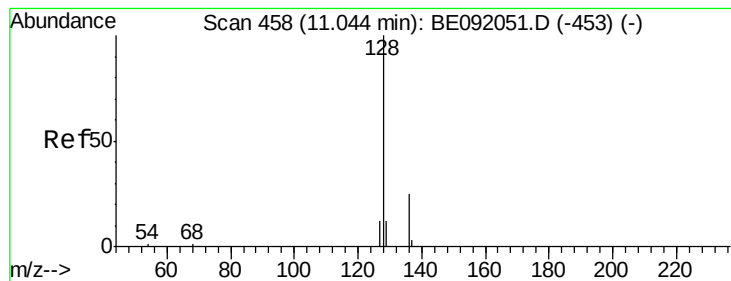


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Ion 123.00 (122.70 to 123.70): BE0





#12

Naphthalene

Concen: 0.00 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

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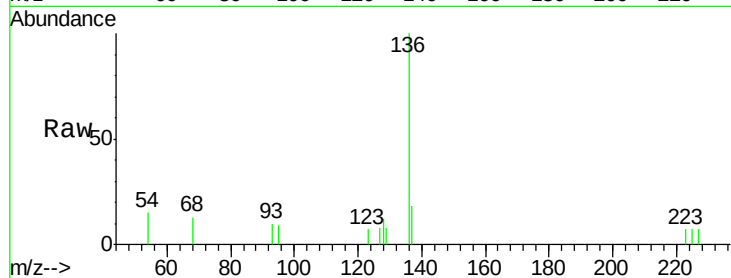
Tgt Ion:128 Resp: 61

Ion Ratio Lower Upper

128 100

129 69.7 11.1 16.7#

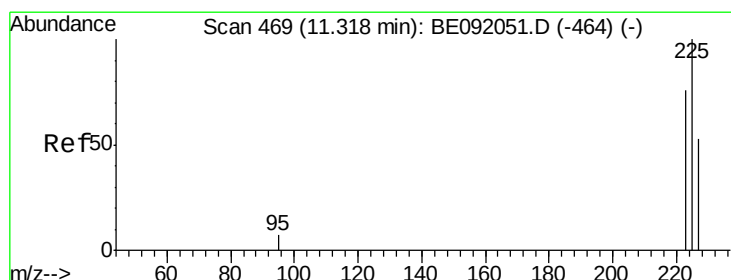
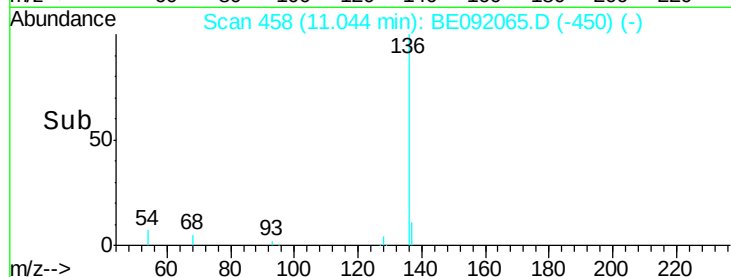
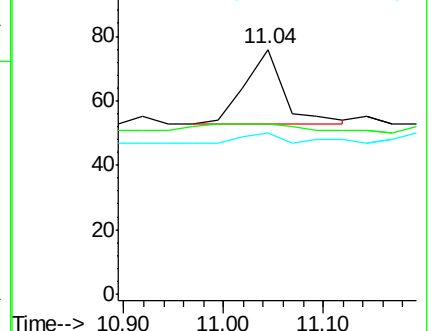
127 65.8 11.3 16.9#



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: BE092065.D

Acq: 28 Jul 2016 3:48

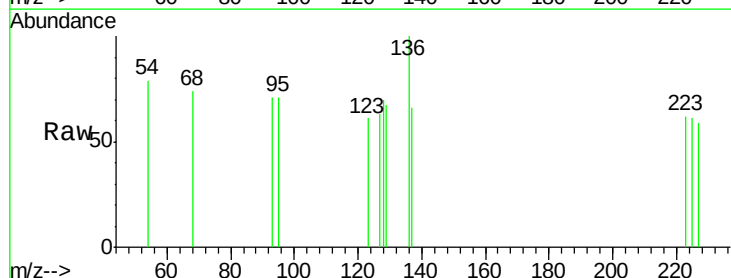
Tgt Ion:225 Resp: 7

Ion Ratio Lower Upper

225 100

223 85.7 51.9 77.9#

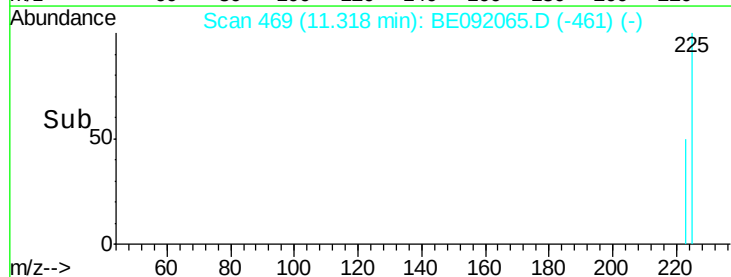
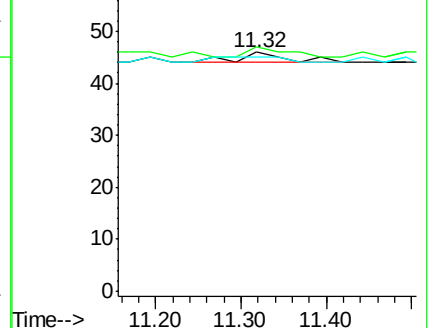
227 0.0 0.0 0.0

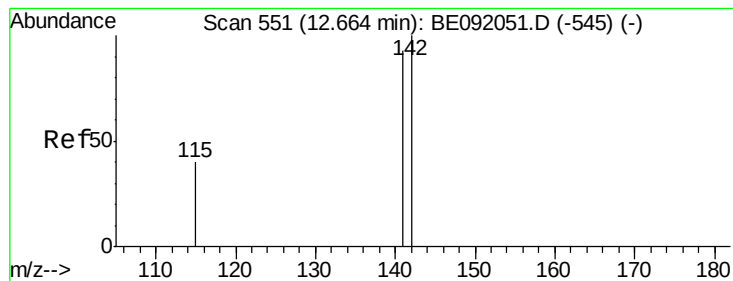


Abundance Ion 225.00 (224.70 to 225.70): E

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: 12.68 min Scan# 552

Delta R.T. 0.01 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

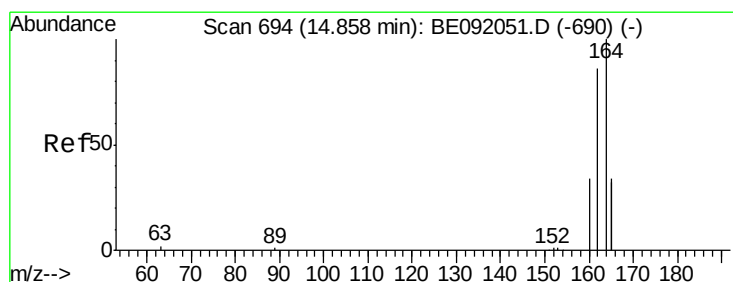
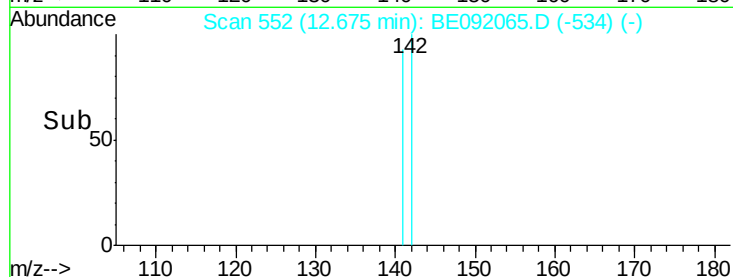
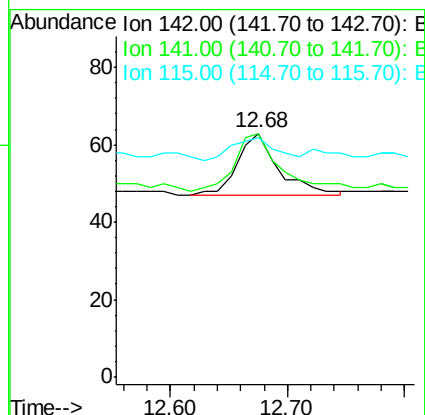
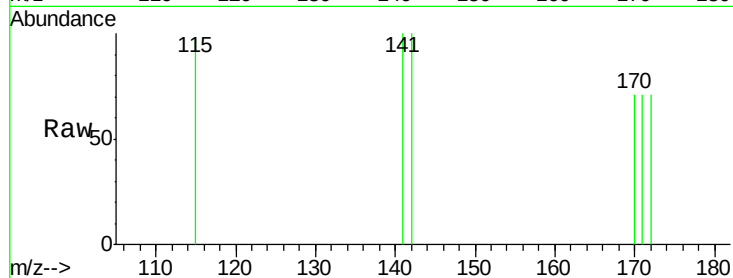
Tgt Ion:142 Resp: 40

Ion Ratio Lower Upper

142 100

141 100.0 65.1 97.7#

115 98.4 27.0 40.4#



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

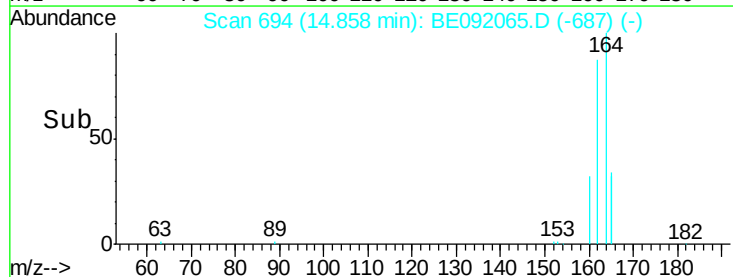
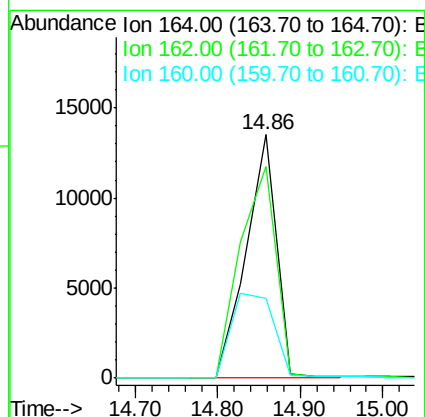
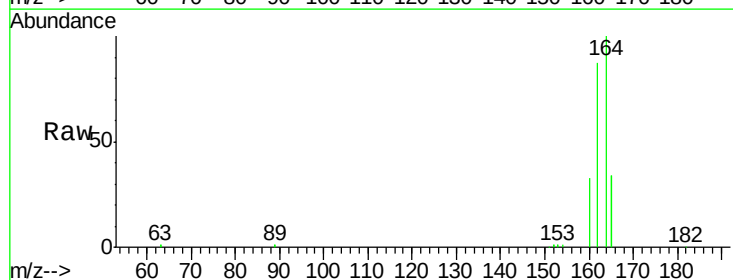
Tgt Ion:164 Resp: 34162

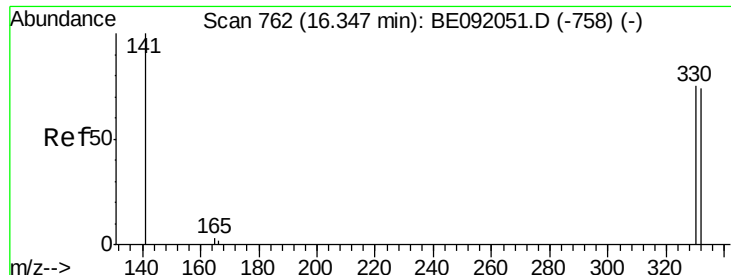
Ion Ratio Lower Upper

164 100

162 86.8 69.5 104.3

160 32.5 27.6 41.4

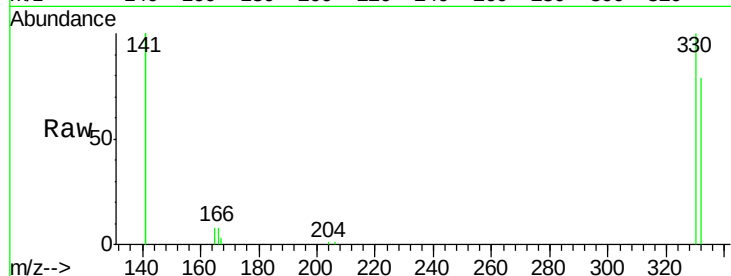




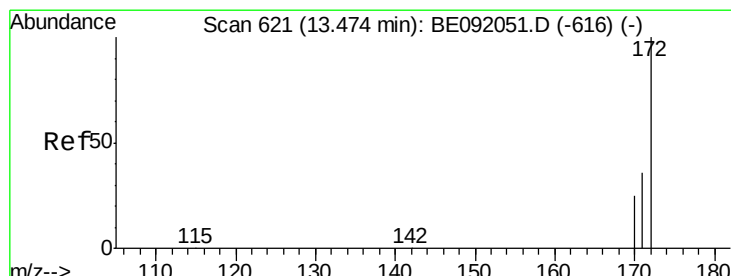
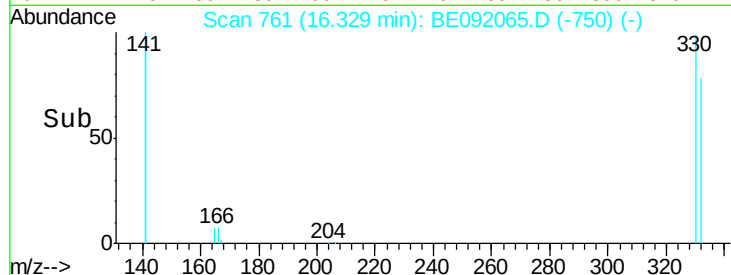
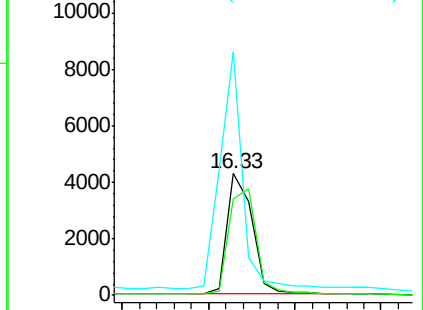
#16
 2,4,6-Tribromophenol
 Concen: 5.53 ng
 RT: 16.33 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

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

Tgt Ion: 330 Resp: 8713
 Ion Ratio Lower Upper
 330 100
 332 94.7 74.2 111.4
 141 173.0 139.8 209.8

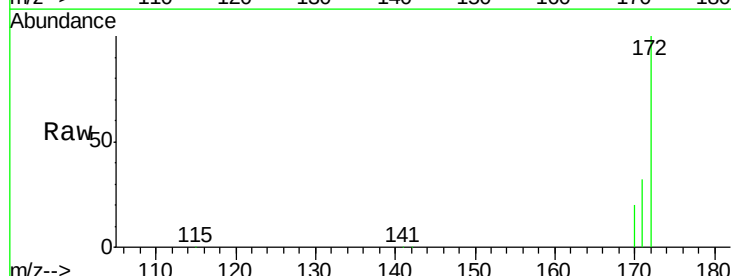


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

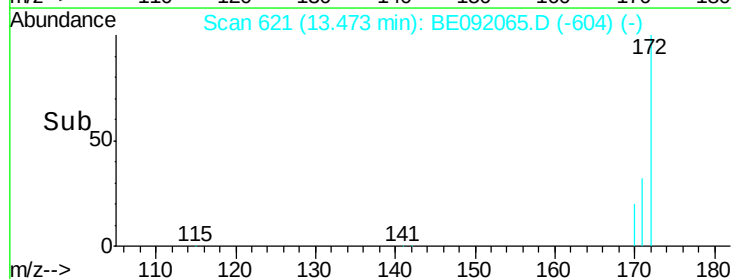
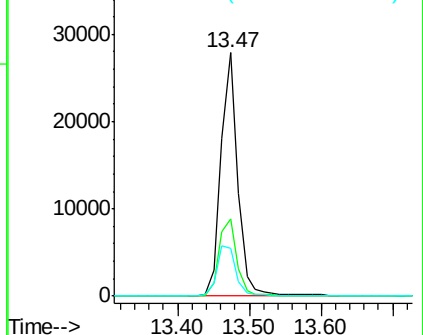


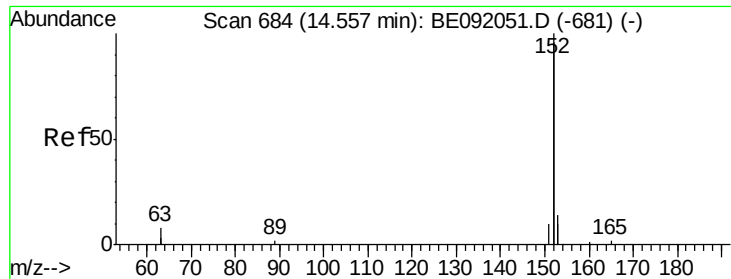
#17
 2-Fluorobiphenyl
 Concen: 3.30 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

Tgt Ion: 172 Resp: 45199
 Ion Ratio Lower Upper
 172 100
 171 31.8 30.3 45.5
 170 19.8 21.6 32.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Acenaphthylene

Concen: 0.00 ng

RT: 14.56 min Scan# 684

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

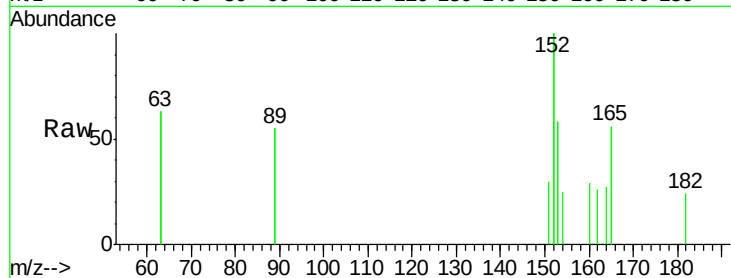
Tgt Ion:152 Resp: 380

Ion Ratio Lower Upper

152 100

151 6.3 4.0 6.0#

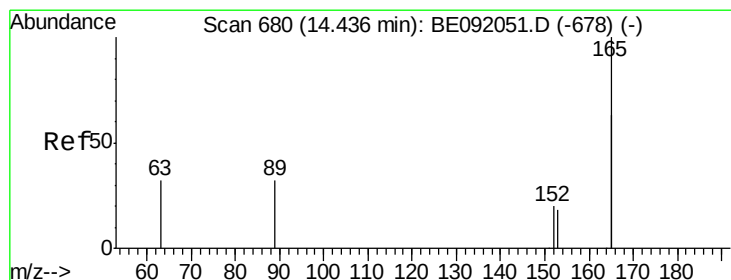
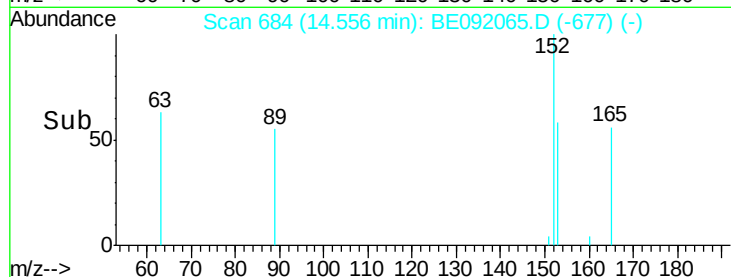
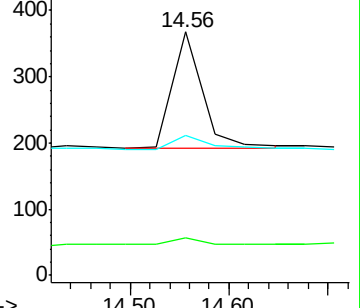
153 16.3 9.6 14.4#



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: 0.61 ng

RT: 14.31 min Scan# 676

Delta R.T. -0.12 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

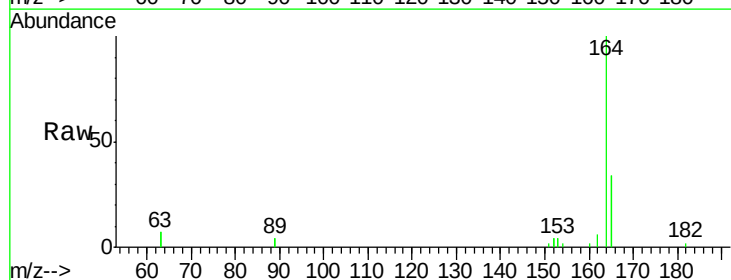
Tgt Ion:165 Resp: 5304

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

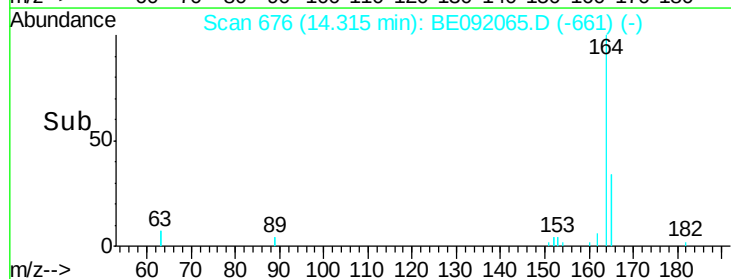
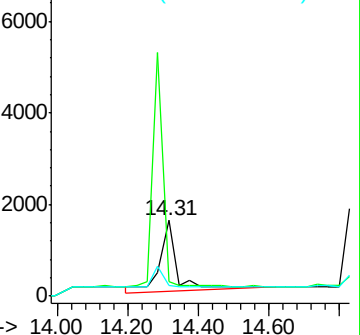
89 0.0 0.0 0.0

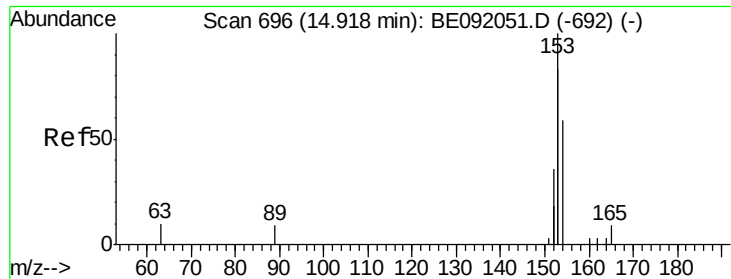


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0





#20

Acenaphthene

Concen: 0.02 ng

RT: 14.83 min Scan# 693

Delta R.T. -0.09 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

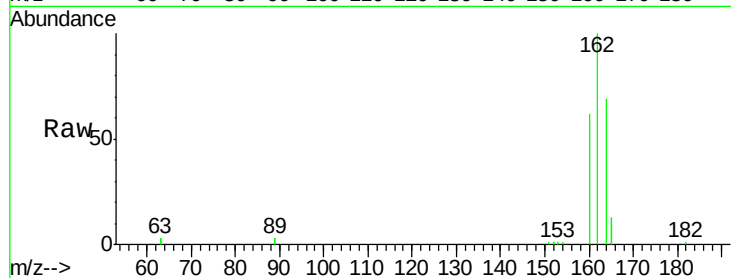
Tgt Ion:154 Resp: 172

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

100

250

200

150

100

50

0

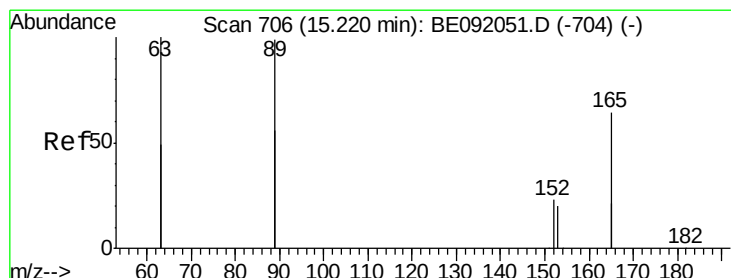
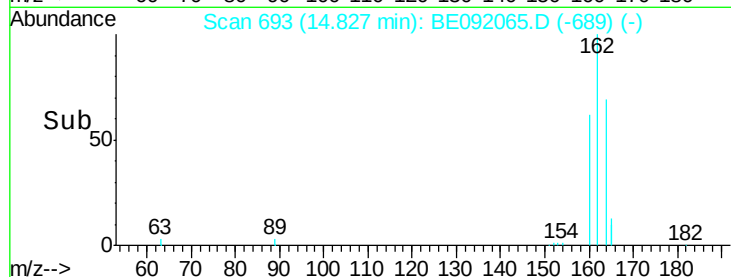
14.83

14.80

14.90

15.00

Time-->



#21

2,4-Dinitrotoluene

Concen: 1.53 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Tgt Ion:165 Resp: 19614

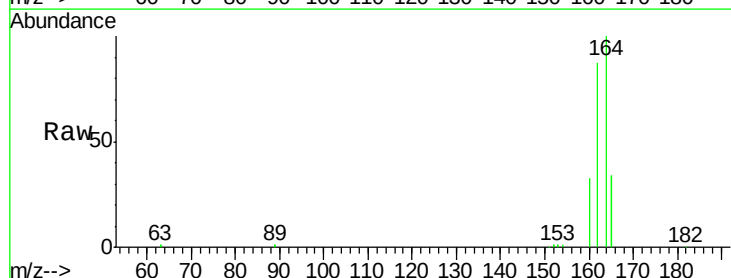
Ion Ratio Lower Upper

165 100

63 0.0 324.0 486.0#

89 0.0 308.4 462.6#

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

10000

5000

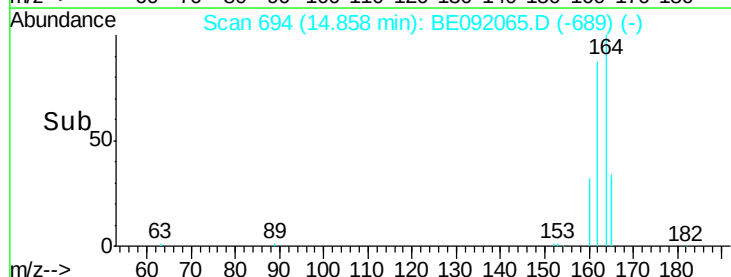
0

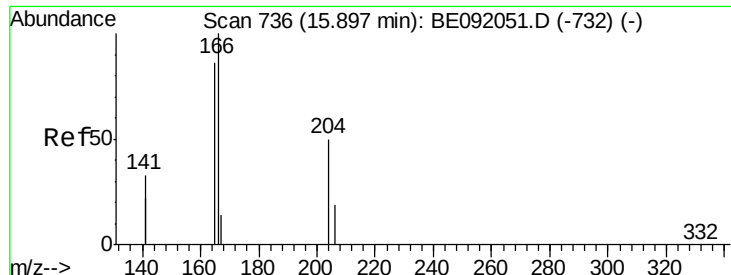
14.86

14.80

15.00

Time-->





#22

Fluorene

Concen: 0.01 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

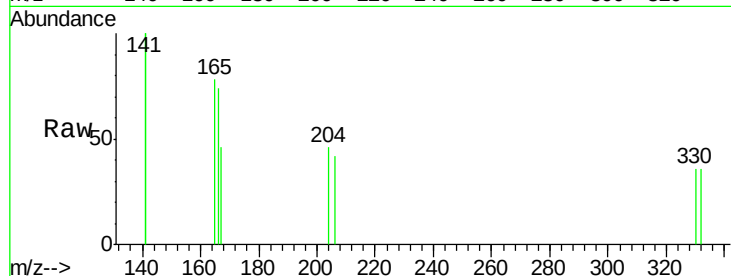
Tgt Ion:166 Resp: 77

Ion Ratio Lower Upper

166 100

165 114.3 78.6 118.0

167 0.0 11.1 16.7#

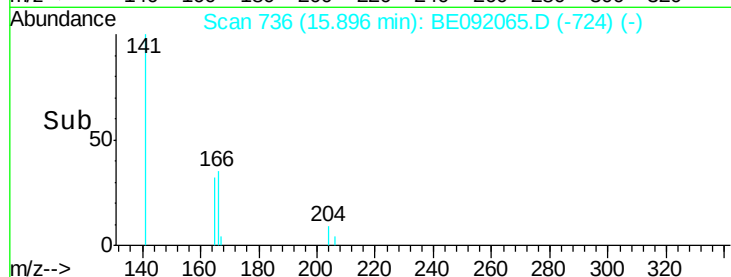


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

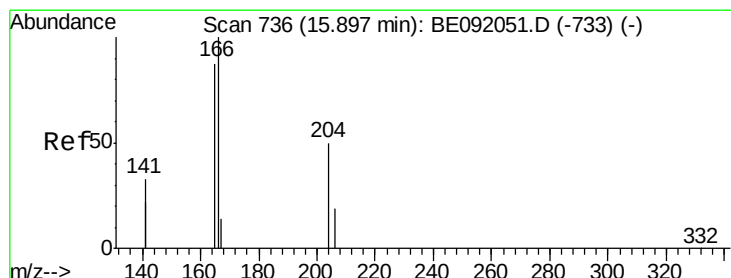
Ion 167.00 (166.70 to 167.70): E

Time-->



15.90

Time-->



#23

4-Chlorophenyl-phenylether

Concen: 0.06 ng

RT: 15.55 min Scan# 716

Delta R.T. -0.35 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

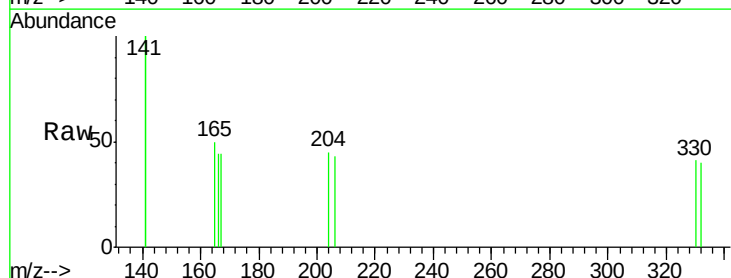
Tgt Ion:204 Resp: 458

Ion Ratio Lower Upper

204 100

206 28.4 27.0 40.4

141 0.0 198.5 297.7#

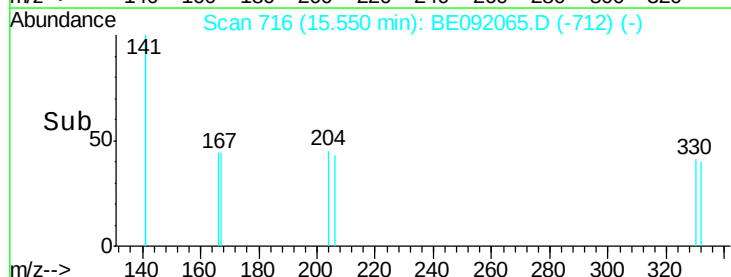


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

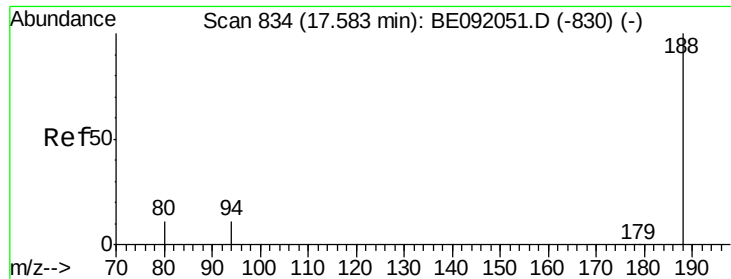
Ion 141.00 (140.70 to 141.70): E

Time-->



15.55

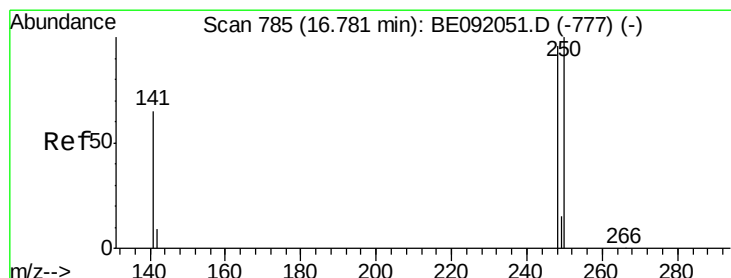
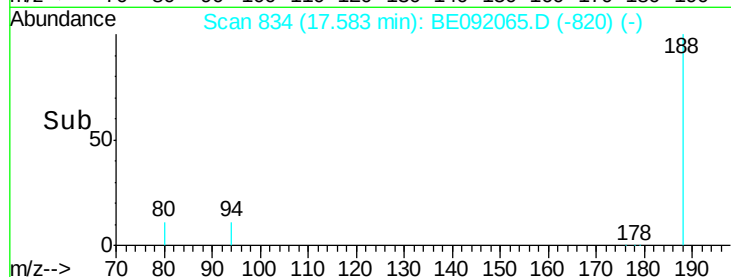
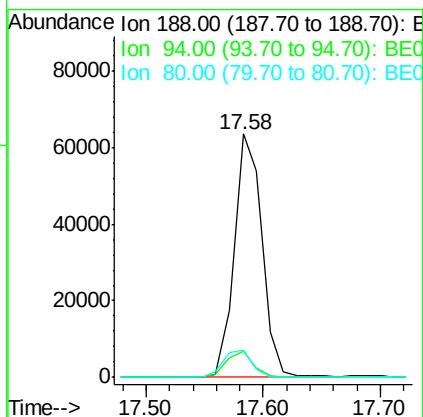
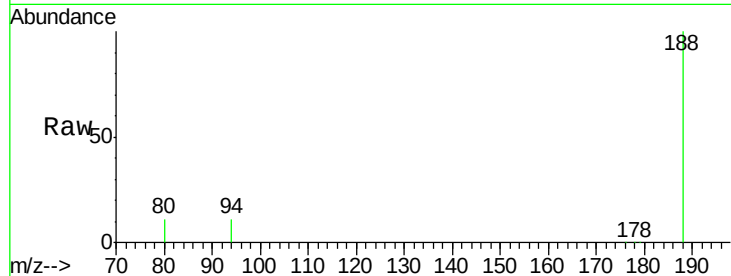
Time-->



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

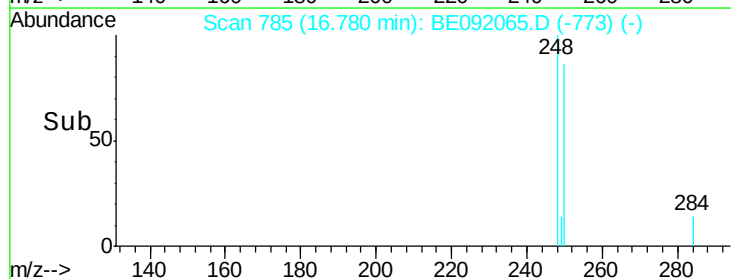
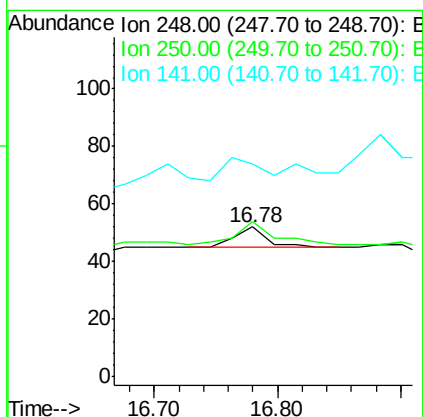
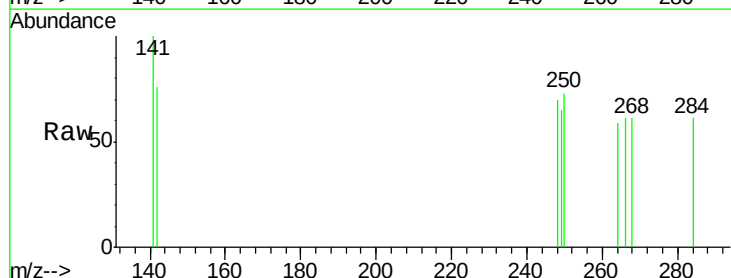
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

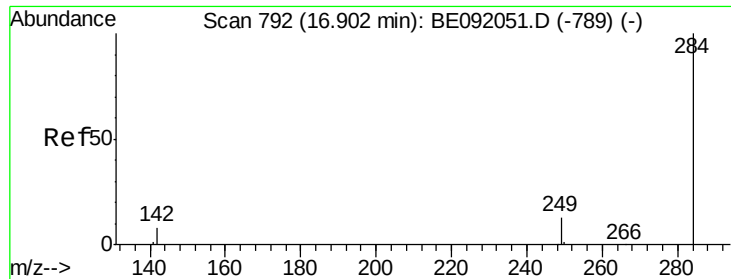
Tgt Ion:188 Resp: 104047
 Ion Ratio Lower Upper
 188 100
 94 10.9 3.9 5.9#
 80 11.0 3.4 5.0#



#25
 4-Bromophenyl-phenylether
 Concen: 0.00 ng
 RT: 16.78 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

Tgt Ion:248 Resp: 12
 Ion Ratio Lower Upper
 248 100
 250 141.7 79.6 119.4#
 141 141.7 68.7 103.1#

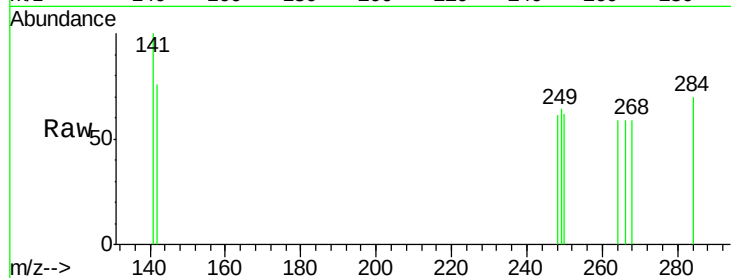




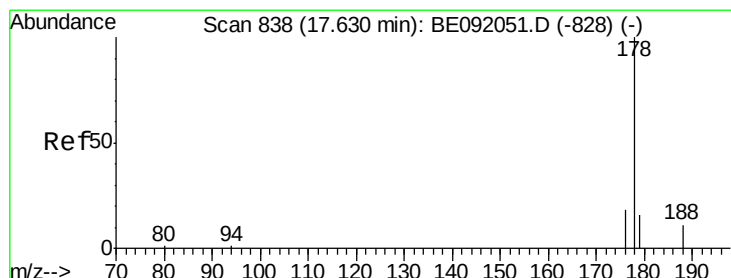
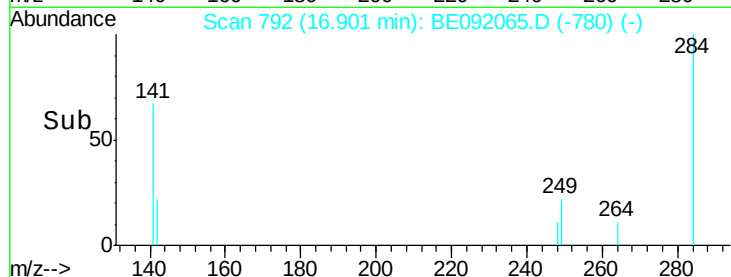
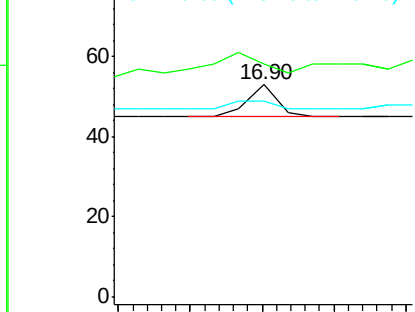
#26
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092065.D
Acq: 28 Jul 2016 3:48

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

Tgt Ion: 284 Resp: 11
Ion Ratio Lower Upper
284 100
142 181.8 33.3 49.9#
249 36.4 25.4 38.0

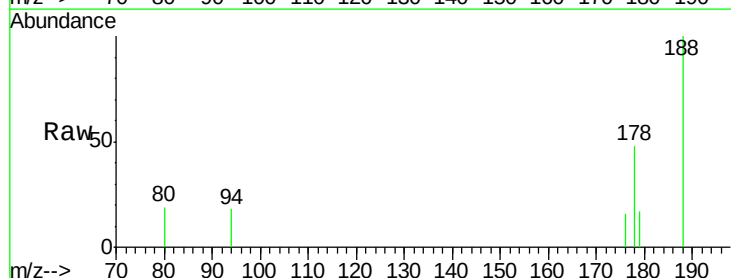


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

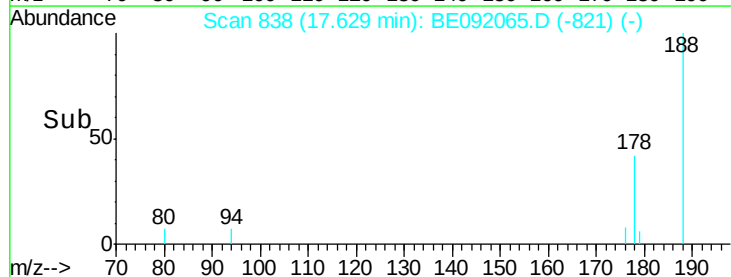
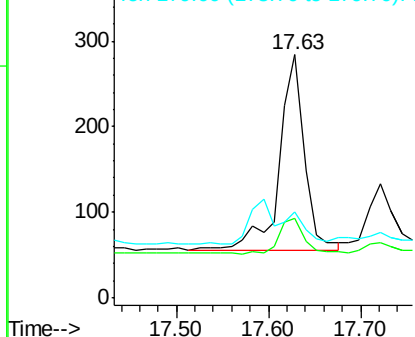


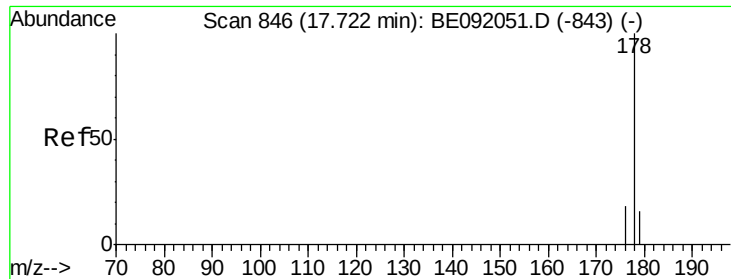
#28
Phenanthrene
Concen: 0.02 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE092065.D
Acq: 28 Jul 2016 3:48

Tgt Ion: 178 Resp: 434
Ion Ratio Lower Upper
178 100
176 19.4 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# 846

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

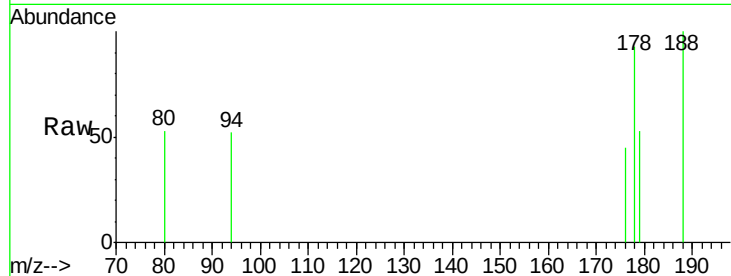
Tgt Ion:178 Resp: 142

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

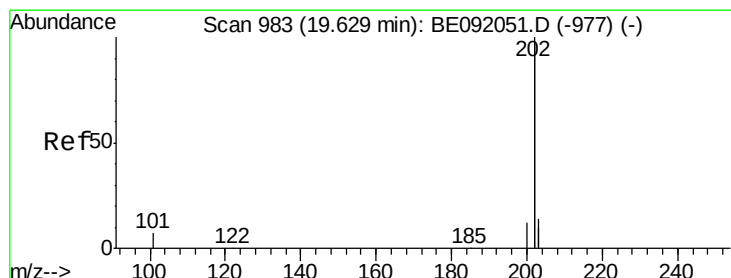
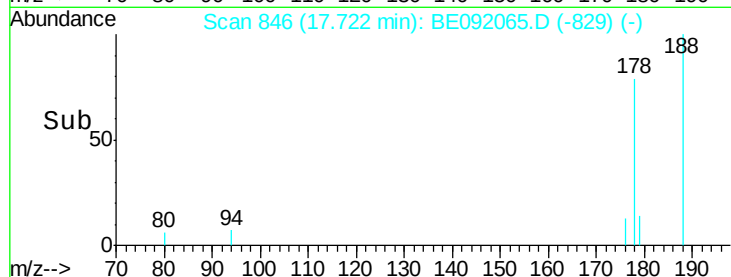
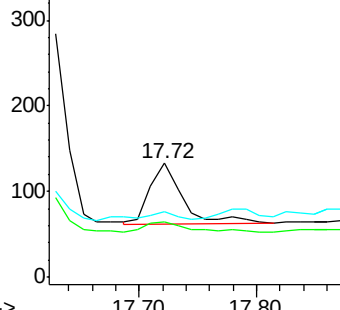
179 16.9 12.2 18.4



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: 0.02 ng

RT: 19.63 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

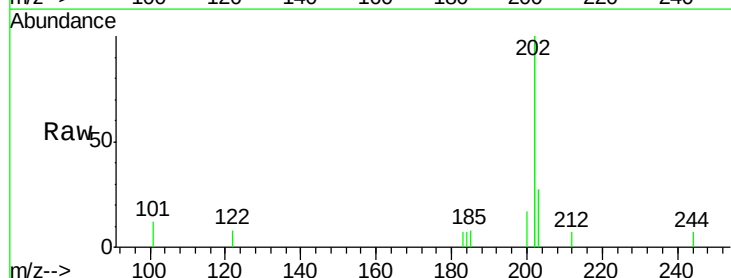
Tgt Ion:202 Resp: 2189

Ion Ratio Lower Upper

202 100

101 3.5 2.2 3.2#

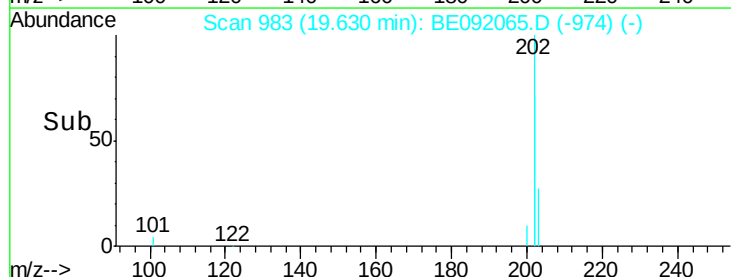
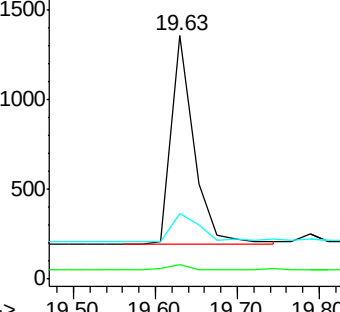
203 17.0 13.0 19.4

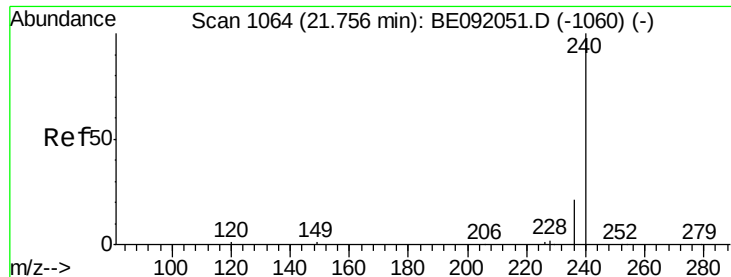


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

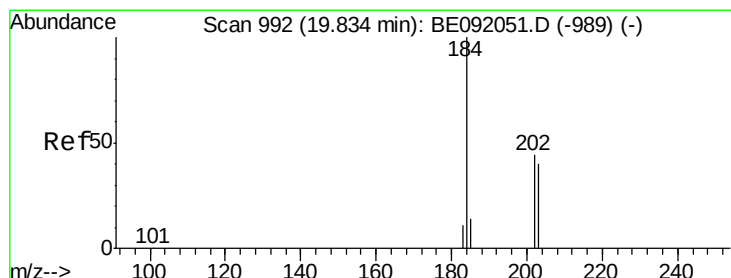
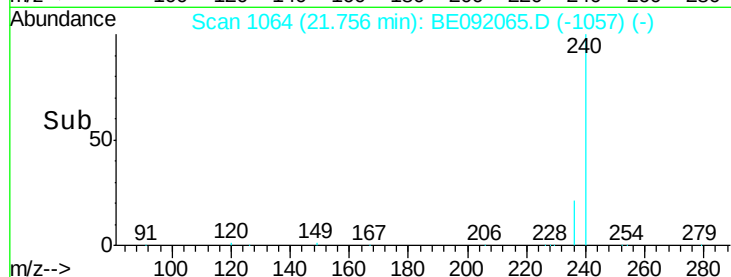
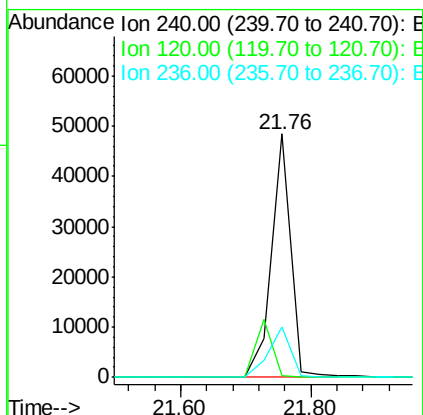
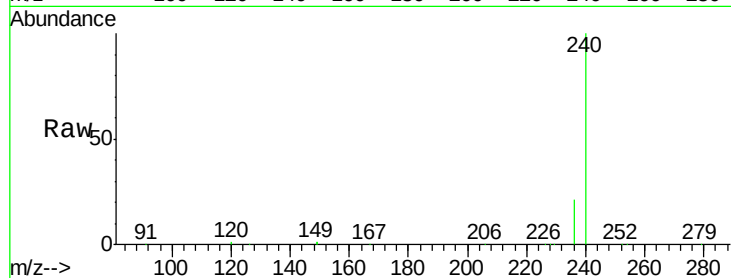




#31
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.76 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

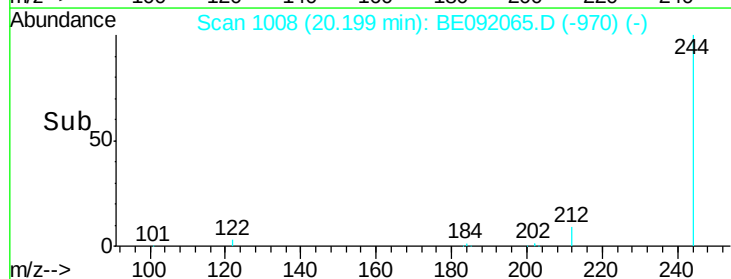
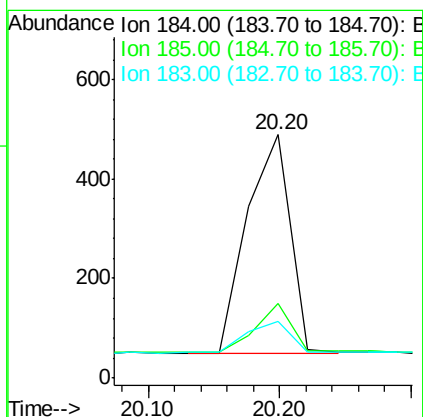
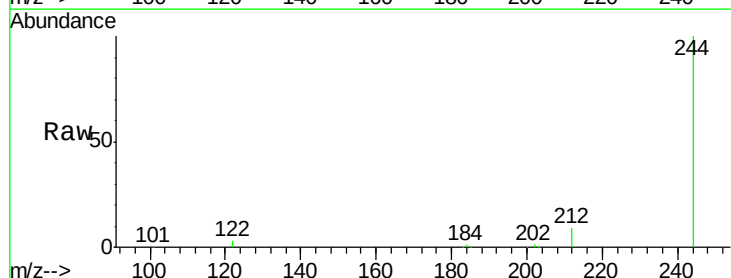
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-3-4-STONE-002

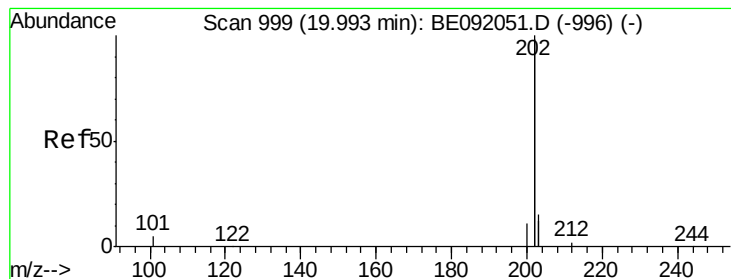
Tgt Ion:240 Resp: 99760
 Ion Ratio Lower Upper
 240 100
 120 0.7 0.6 1.0
 236 20.6 18.2 27.4



#32
 Benzidine
 Concen: 0.27 ng
 RT: 20.20 min Scan# 1008
 Delta R.T. 0.37 min
 Lab File: BE092065.D
 Acq: 28 Jul 2016 3:48

Tgt Ion:184 Resp: 1022
 Ion Ratio Lower Upper
 184 100
 185 30.9 23.8 35.6
 183 23.1 20.7 31.1





#33

Pyrene

Concen: 0.02 ng

RT: 19.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

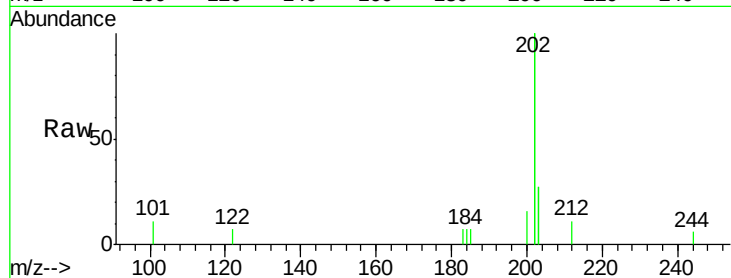
BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

Tgt Ion:202 Resp: 2301

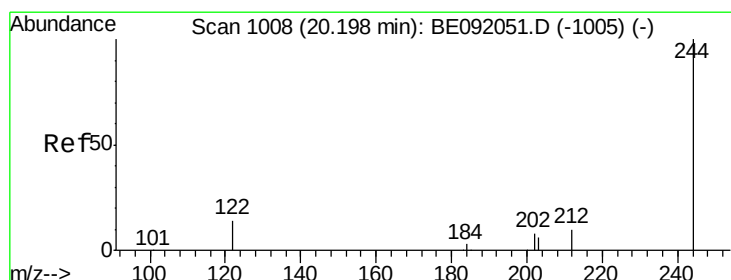
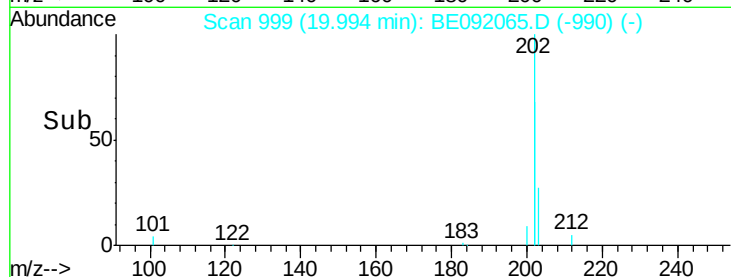
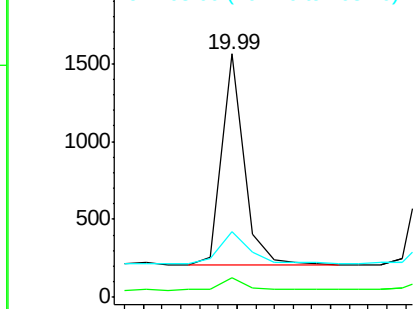
Ion	Ratio	Lower	Upper
202	100		
200	5.9	4.4	6.6
203	20.6	13.4	20.0#



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: 4.08 ng

RT: 20.20 min Scan# 1008

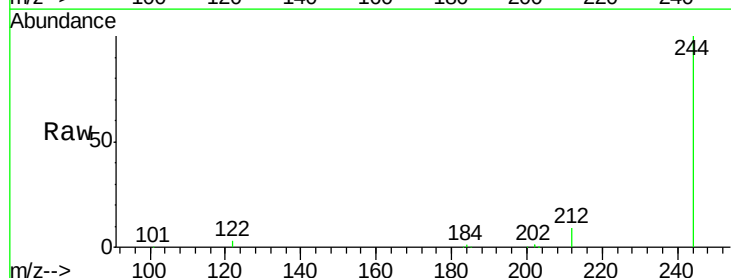
Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Tgt Ion:244 Resp: 75821

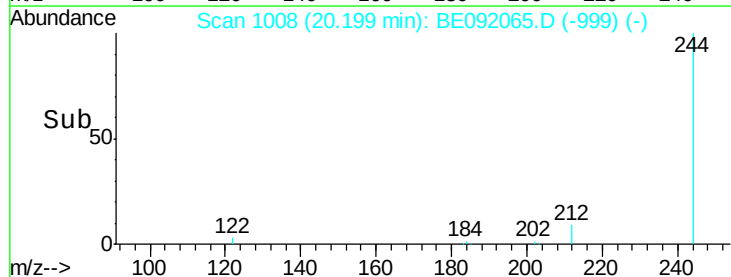
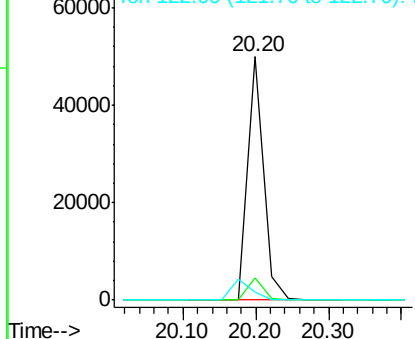
Ion	Ratio	Lower	Upper
244	100		
212	9.3	9.1	13.7
122	3.3	11.0	16.4#

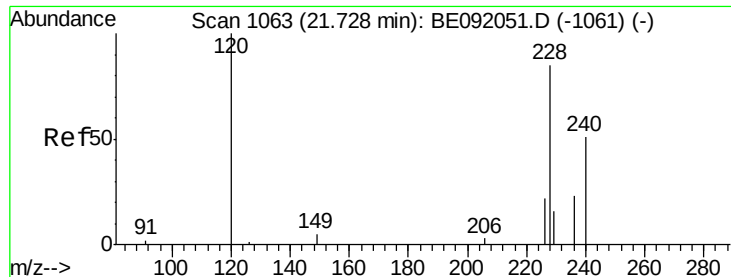


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.04 ng

RT: 21.78 min Scan# 1065

Delta R.T. 0.06 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

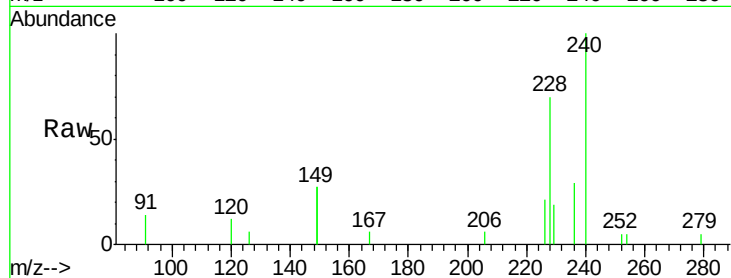
Tgt Ion:228 Resp: 2976

Ion Ratio Lower Upper

228 100

226 30.5 22.1 33.1

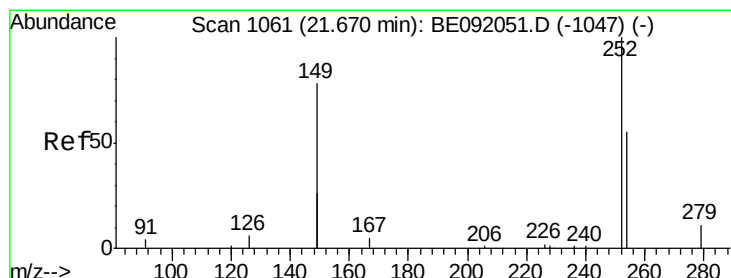
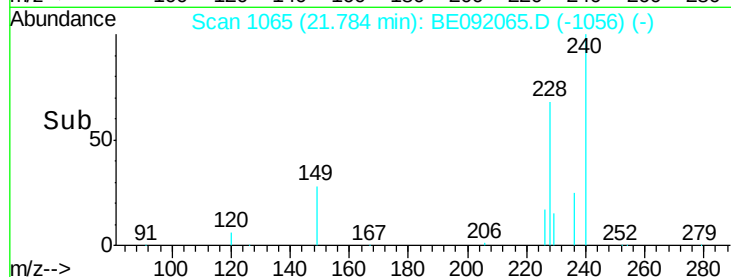
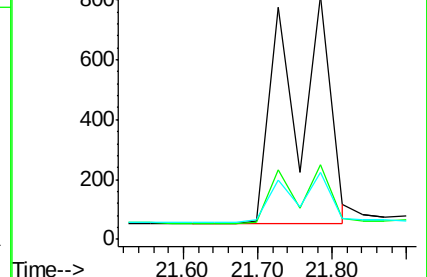
229 27.3 15.1 22.7#



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: 0.26 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

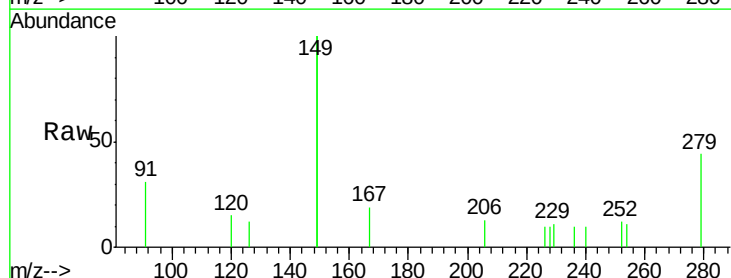
Tgt Ion:252 Resp: 50

Ion Ratio Lower Upper

252 100

254 87.5 44.2 66.2#

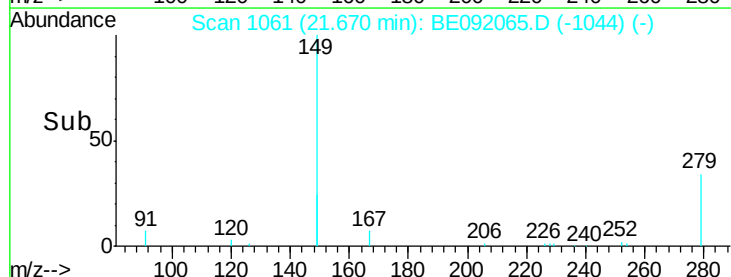
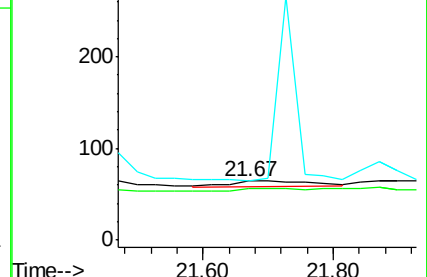
126 101.6 10.6 15.8#

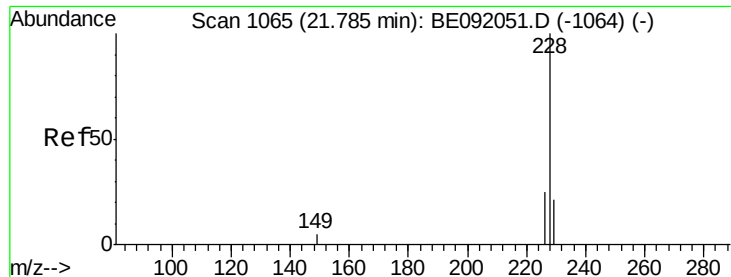


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: Below Cal

RT: 21.78 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

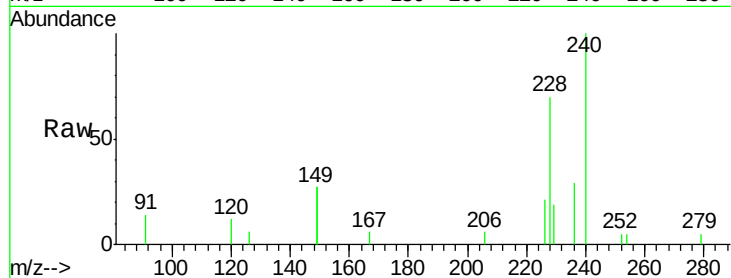
Tgt Ion:228 Resp: 3052

Ion Ratio Lower Upper

228 100

226 30.5 22.3 33.5

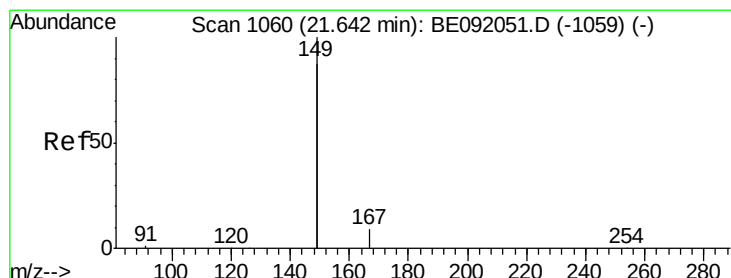
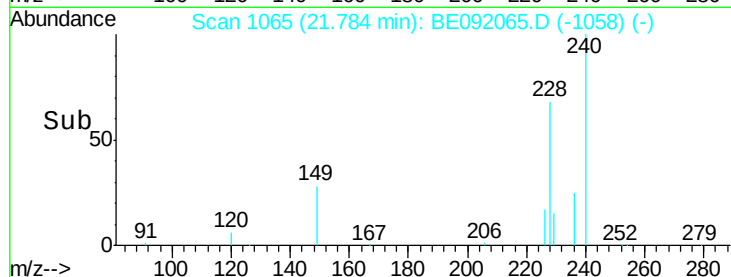
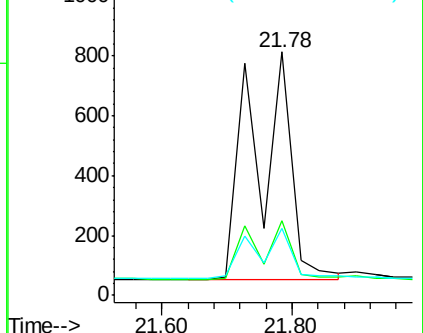
229 27.3 16.9 25.3#



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: 0.71 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

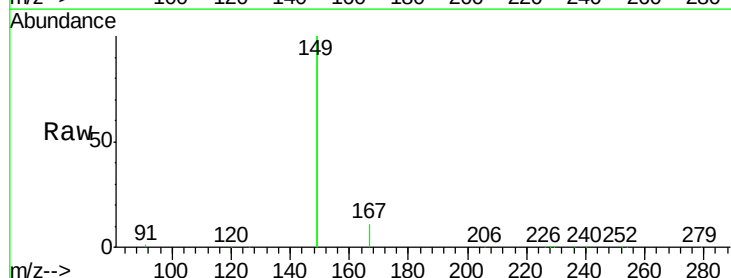
Tgt Ion:149 Resp: 62012

Ion Ratio Lower Upper

149 100

167 5.5 3.8 5.6

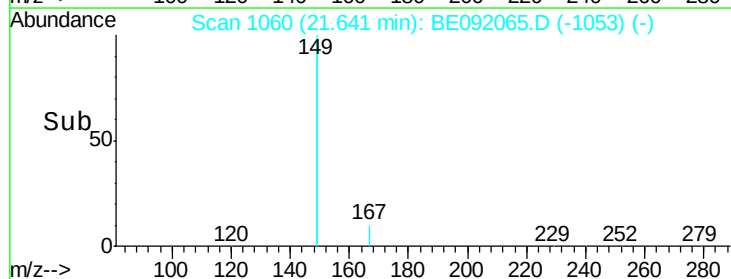
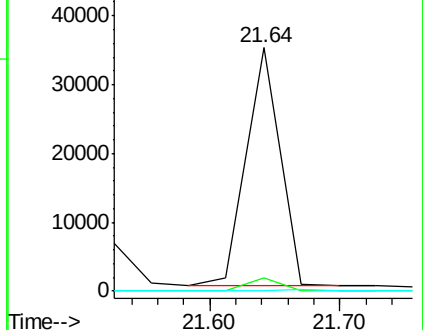
279 0.0 0.0 0.0

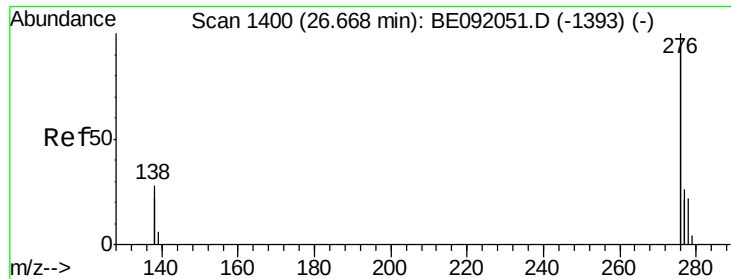


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.02 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

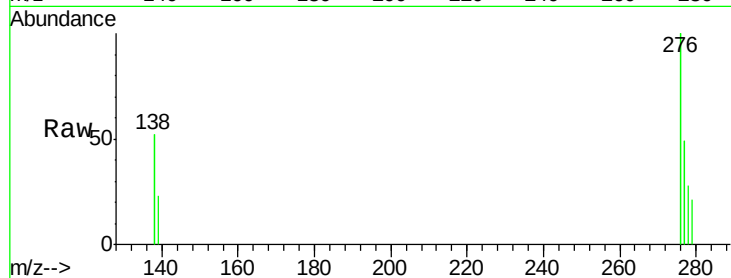
Tgt Ion: 276 Resp: 1904

Ion Ratio Lower Upper

276 100

138 29.9 21.2 31.8

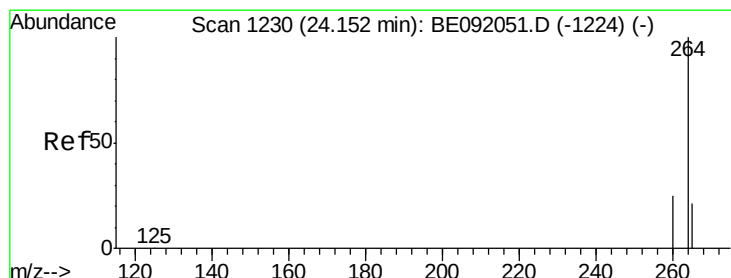
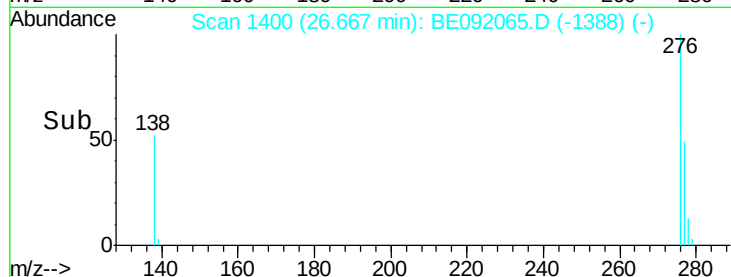
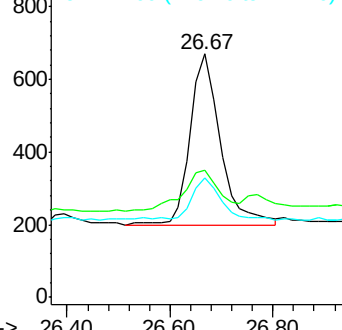
277 22.3 19.8 29.8



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# 1230

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

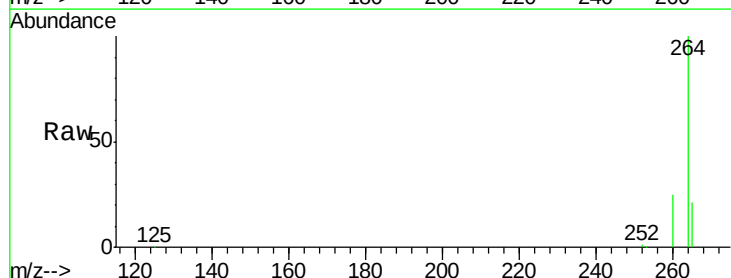
Tgt Ion: 264 Resp: 114869

Ion Ratio Lower Upper

264 100

260 25.3 20.8 31.2

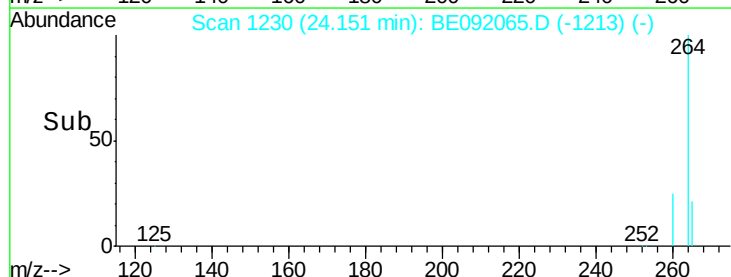
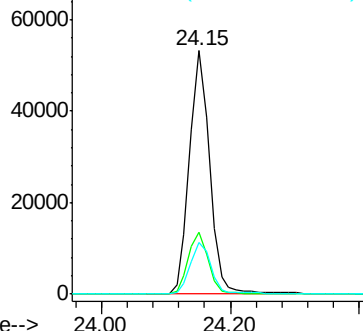
265 21.5 16.6 25.0

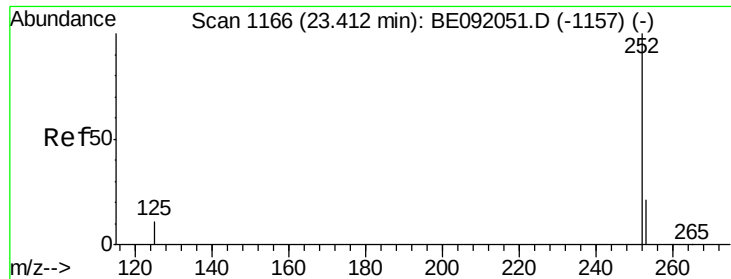


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

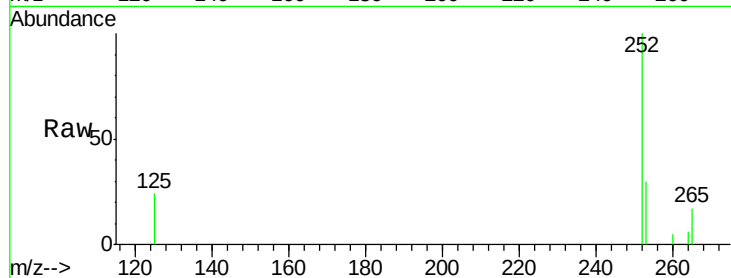
Tgt Ion:252 Resp: 1695

Ion Ratio Lower Upper

252 100

253 30.3 17.4 26.0#

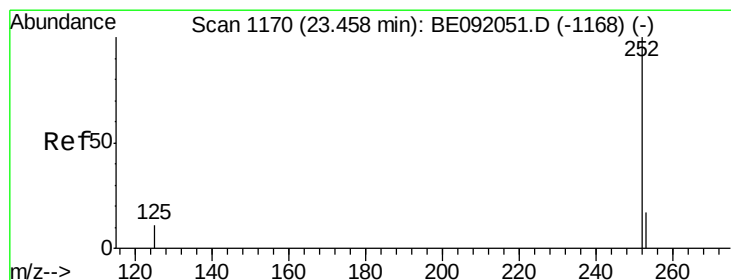
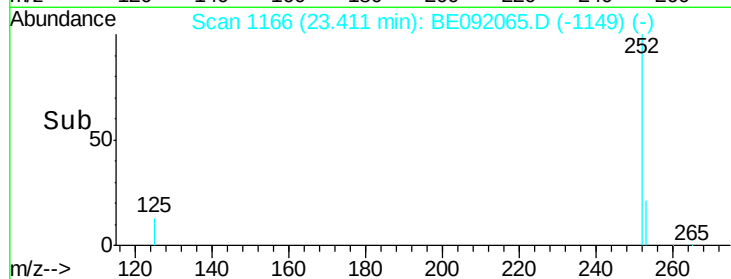
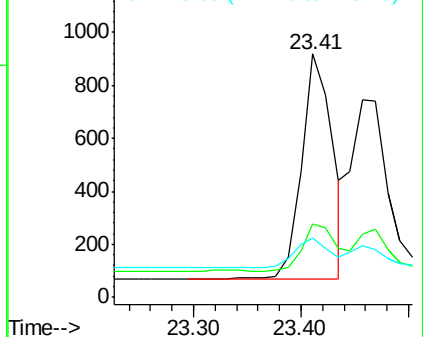
125 24.4 10.2 15.2#



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: Below Cal

RT: 23.46 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

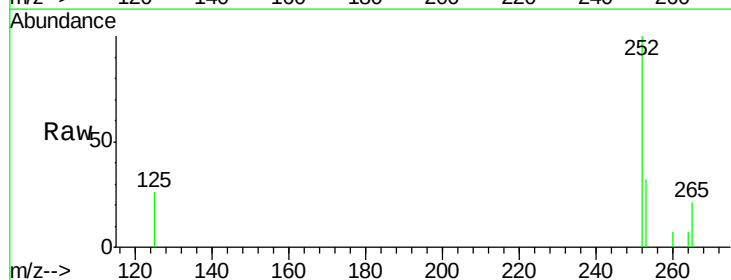
Tgt Ion:252 Resp: 1301

Ion Ratio Lower Upper

252 100

253 32.0 19.4 29.0#

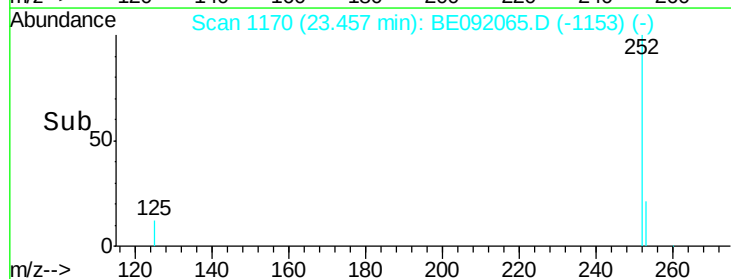
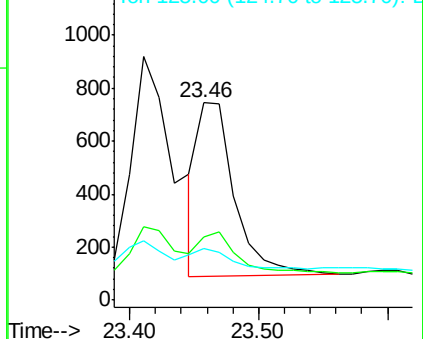
125 25.9 8.9 13.3#

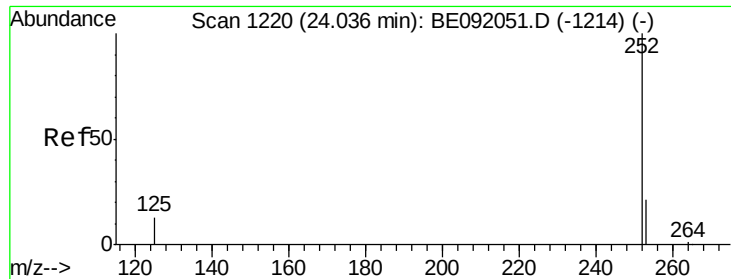


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.03 ng

RT: 24.04 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002

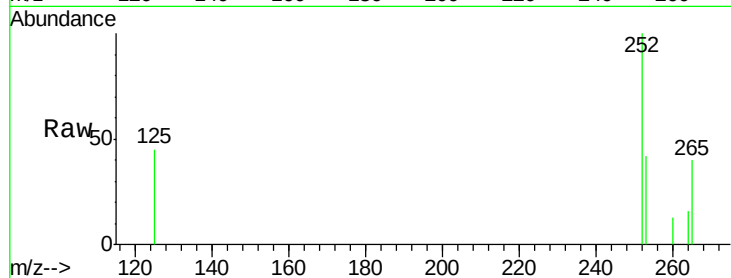
Tgt Ion: 252 Resp: 789

Ion Ratio Lower Upper

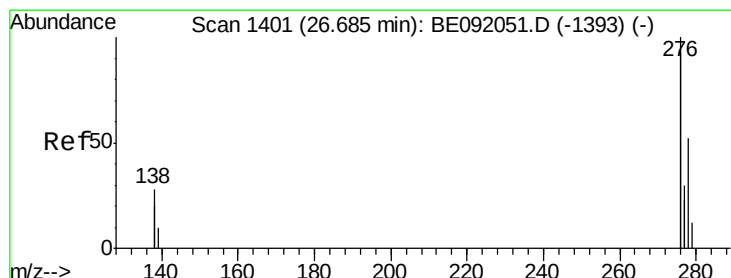
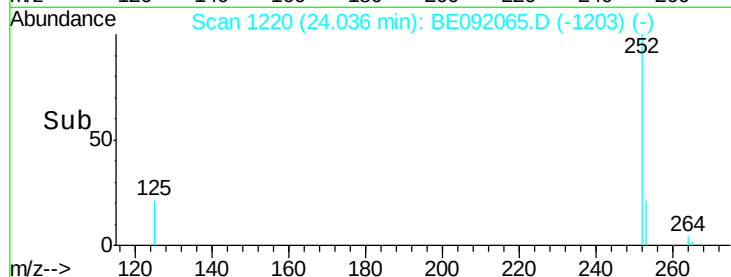
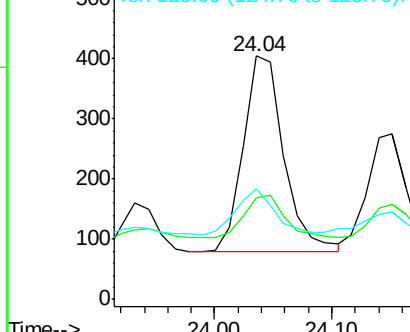
252 100

253 42.0 19.8 29.8#

125 45.2 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: 0.01 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BE092065.D

Acq: 28 Jul 2016 3:48

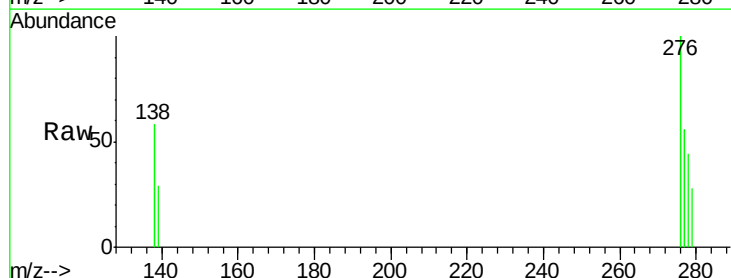
Tgt Ion: 278 Resp: 293

Ion Ratio Lower Upper

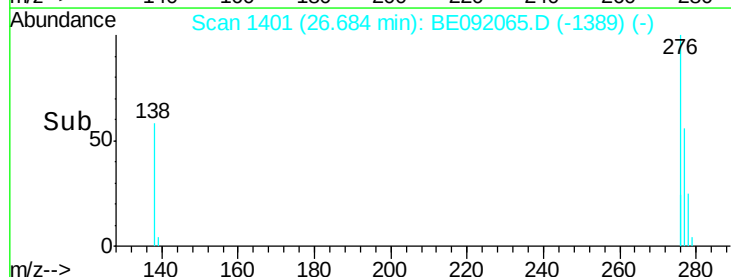
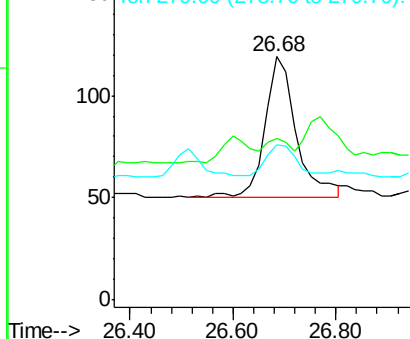
278 100

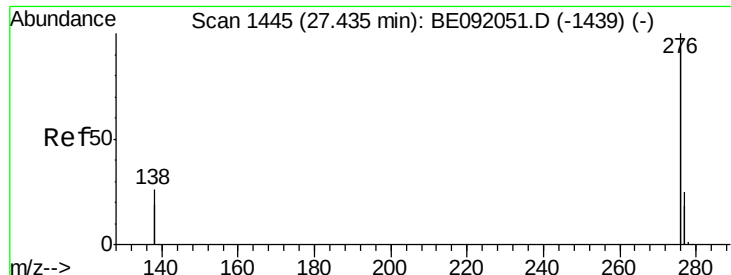
139 66.4 16.7 25.1#

279 63.9 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: 0.01 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE092065.D

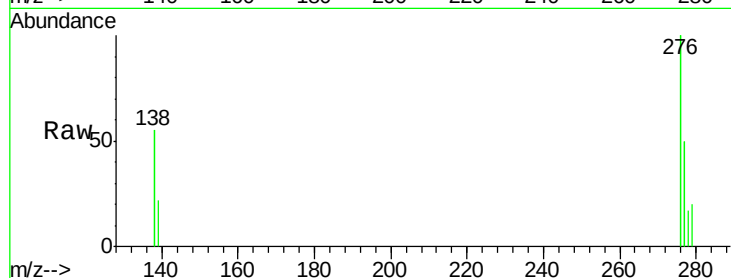
Acq: 28 Jul 2016 3:48

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-3-4-STONE-002



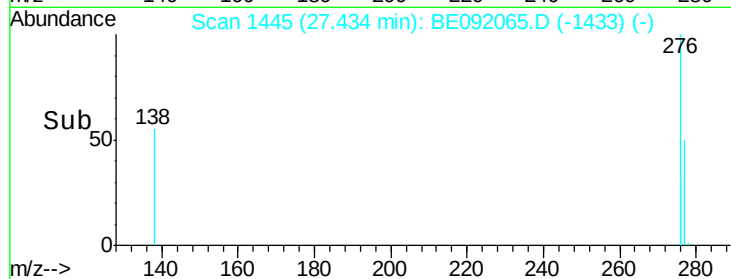
Tgt Ion: 276 Resp: 1568

Ion Ratio Lower Upper

276 100

277 50.5 19.5 29.3#

138 55.1 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

