

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092034.D
 Acq On : 23 Jul 2016 8:57
 Operator : UM/SJ
 Sample : H4107-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

Quant Time: Jul 25 01:47:41 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 22 15:39:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	26667	5.00	ng	0.00
8) Naphthalene-d8	11.00	136	130739	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	77937	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	172983	5.00	ng	0.00
31) Chrysene-d12	21.76	240	193938	5.00	ng	0.00
40) Perylene-d12	24.16	264	192067	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	56569	10.94	ng	0.00
5) Phenol-d6	7.35	99	82292	8.94	ng	-0.02
9) Nitrobenzene-d5	9.37	82	42857	5.45	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	21683	8.02	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	97352	4.75	ng	-0.01
34) Terphenyl-d14	20.20	244	134573	6.91	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	9948	2.76	ng	# 83
3) n-Nitrosodimethylamine	3.80	42	19006	3.89	ng	# 89
6) bis(2-Chloroethyl)ether	7.61	93	31890	4.16	ng	99
7) n-Nitroso-di-n-propylamine	9.00	70	27629	4.22	ng	# 97
10) Nitrobenzene	9.40	77	38925	3.69	ng	# 99
11) bis(2-Chloroethoxy)methane	10.40	93	44088	4.48	ng	# 18
12) Naphthalene	11.04	128	106509	3.59	ng	98
13) Hexachlorobutadiene	11.34	225	14564	3.43	ng	98
14) 2-Methylnaphthalene	12.67	142	74534	4.00	ng	97
18) Acenaphthylene	14.56	152	539559	4.50	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	91020	4.06	ng	# 10
20) Acenaphthene	14.92	154	69169	3.40	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	118792	3.99	ng	# 1
22) Fluorene	15.90	166	96082	3.96	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	43421	3.61	ng	94
25) 4-Bromophenyl-phenylether	16.78	248	27597	3.83	ng	98
26) Hexachlorobenzene	16.90	284	27734	3.73	ng	99
27) Pentachlorophenol	17.25	266	24791	6.60	ng	92
28) Phenanthrene	17.63	178	174080	3.89	ng	99
29) Anthracene	17.72	178	165132	4.08	ng	99
30) Fluoranthene	19.63	202	843913	4.72	ng	# 89
32) Benzidine	19.83	184	7983	1.00	ng	# 89
33) Pyrene	19.99	202	931438	6.62	ng	# 81
35) Benzo(a)anthracene	21.73	228	539585	12.35	ng	99
36) 3,3'-Dichlorobenzidine	21.67	252	63650	4.96	ng	# 78
37) Chrysene	21.73	228	542620	10.19	ng	91
38) Bis(2-ethylhexyl)phthalate	21.64	149	653243	17.05	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	909958	6.22	ng	98
41) Benzo(b)fluoranthene	23.41	252	226826	4.50	ng	98
42) Benzo(k)fluoranthene	23.47	252	186842	3.64	ng	97
43) Benzo(a)pyrene	24.05	252	201690	4.30	ng	97
44) Dibenzo(a,h)anthracene	26.68	278	186477	4.46	ng	96
45) Benzo(g,h,i)perylene	27.43	276	779159	4.54	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration

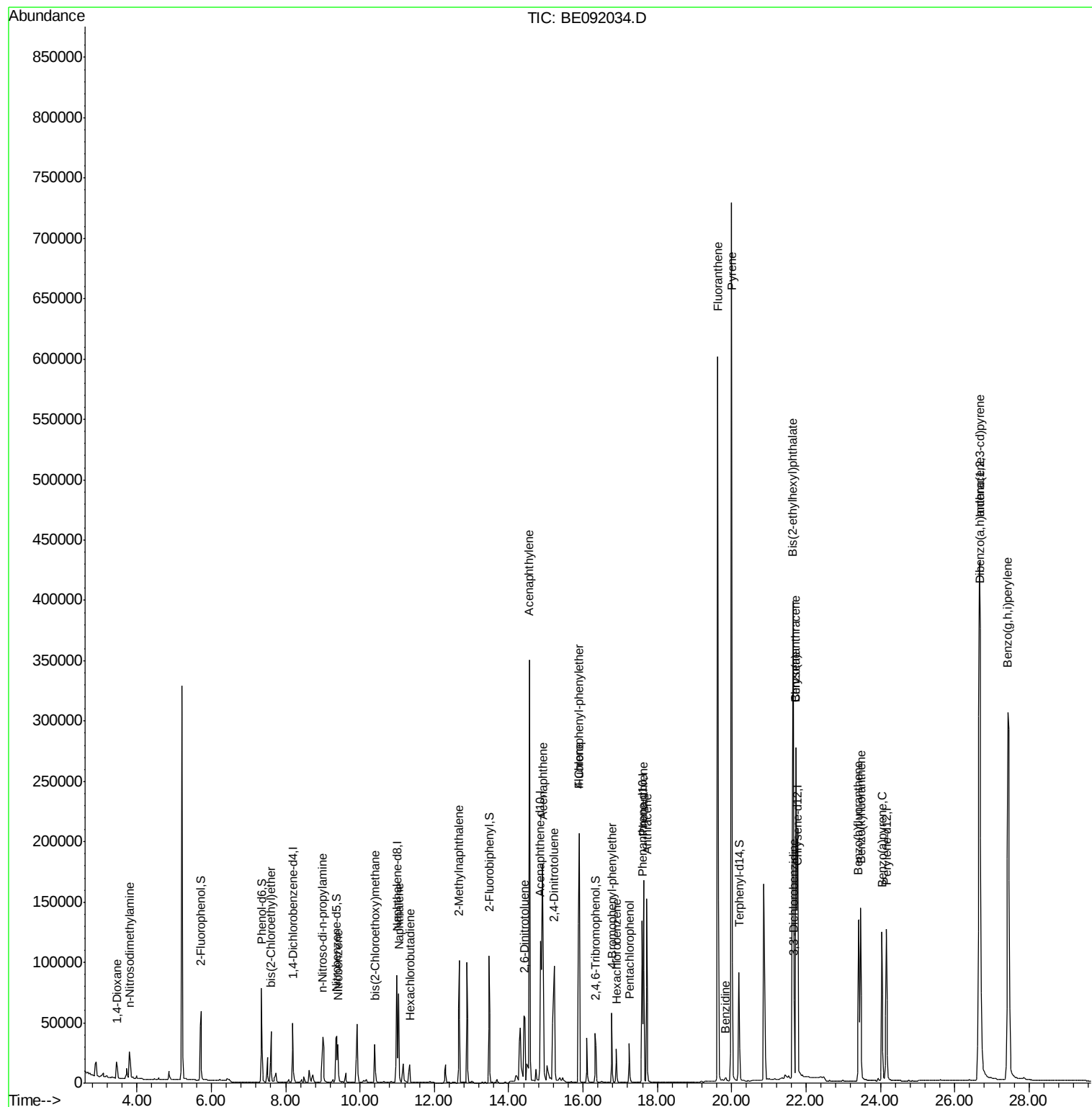
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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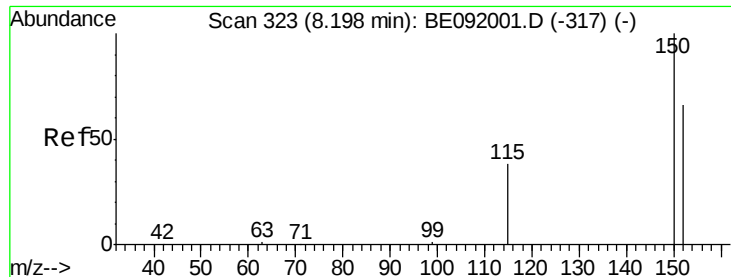
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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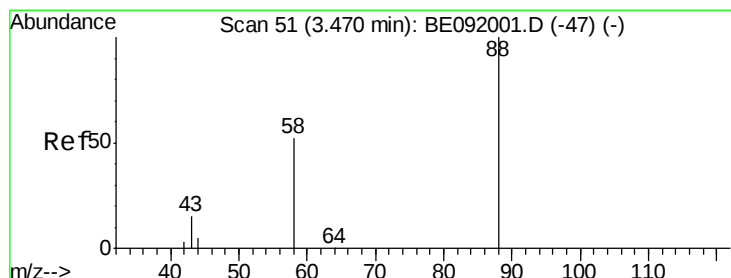
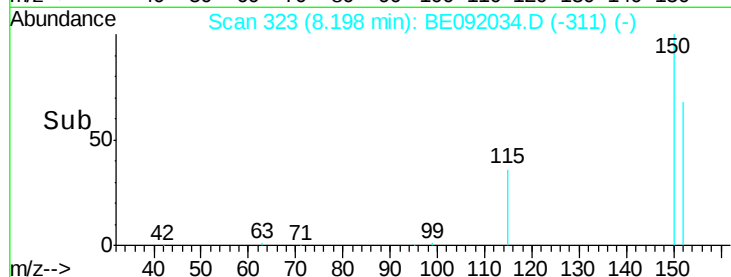
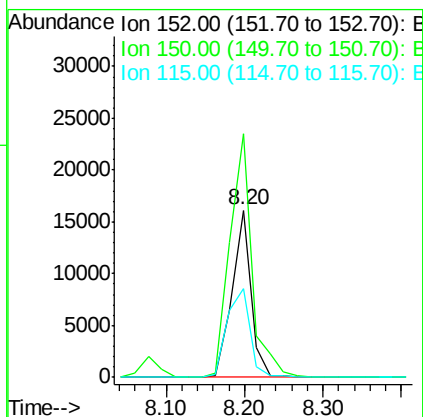
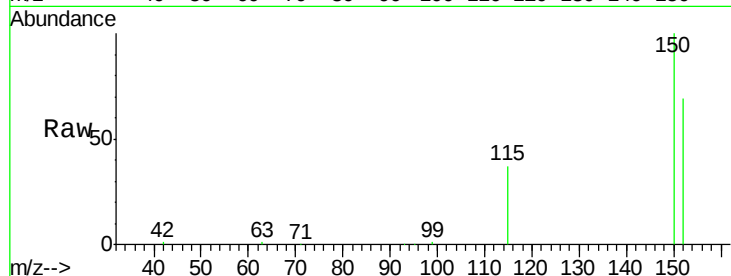




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

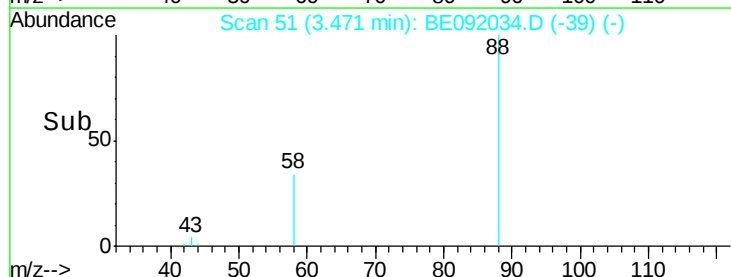
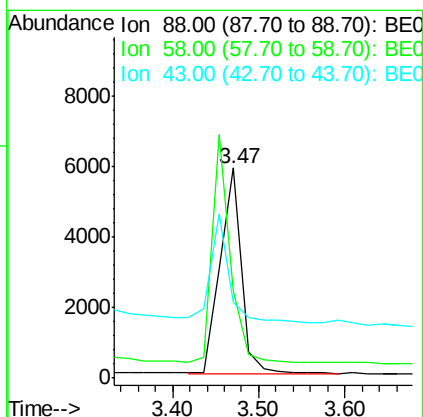
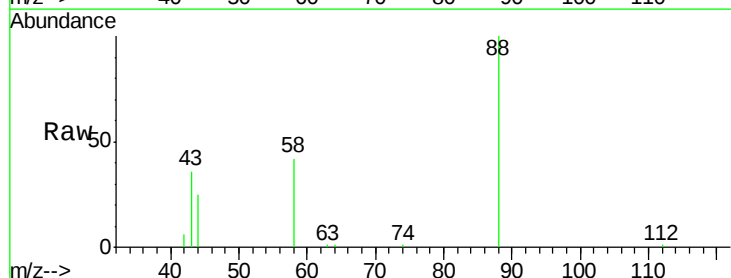
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

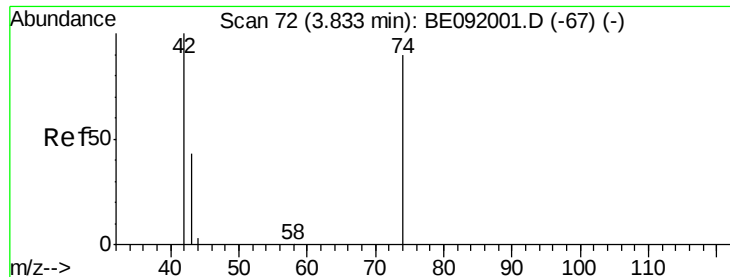
Tgt Ion:152 Resp: 26667
 Ion Ratio Lower Upper
 152 100
 150 145.8 123.9 185.9
 115 53.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 2.76 ng
 RT: 3.47 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Tgt Ion: 88 Resp: 9948
 Ion Ratio Lower Upper
 88 100
 58 94.0 63.0 94.4
 43 46.1 29.1 43.7#





#3

n-Nitrosodimethylamine

Concen: 3.89 ng

RT: 3.80 min Scan# 70

Delta R.T. -0.03 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

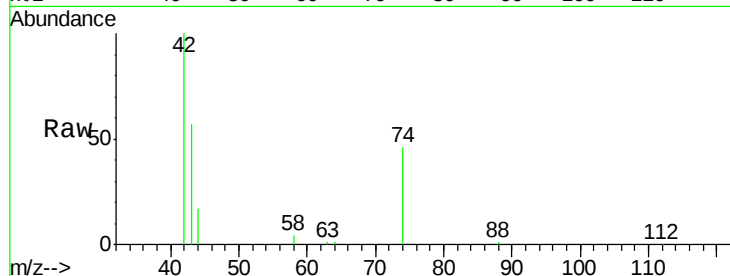
Tgt Ion: 42 Resp: 19006

Ion Ratio Lower Upper

42 100

74 104.0 93.4 140.0

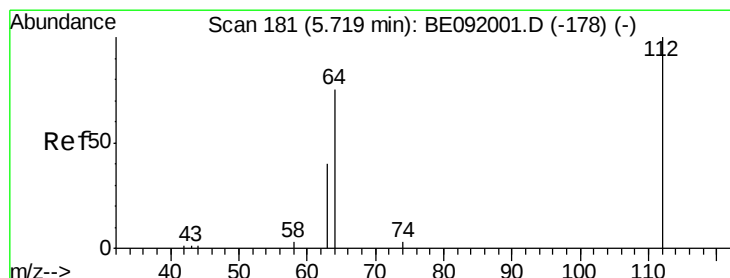
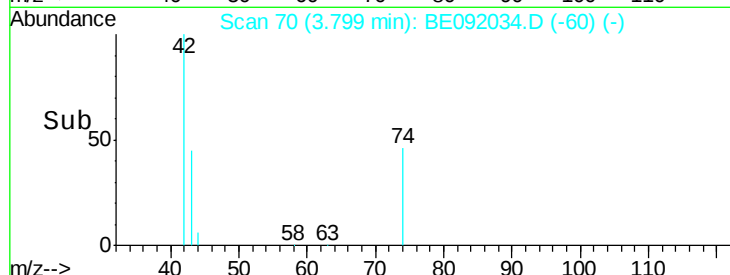
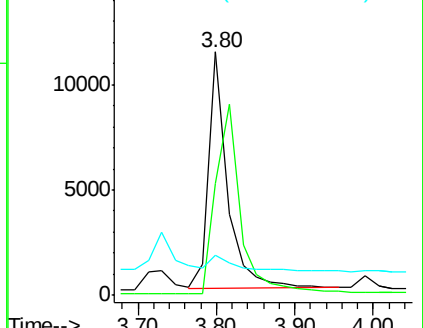
44 8.2 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BE092001.D (-67) (-)

Ion 74.00 (73.70 to 74.70): BE092001.D (-67) (-)

Ion 44.00 (43.70 to 44.70): BE092001.D (-67) (-)



#4

2-Fluorophenol

Concen: 10.94 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

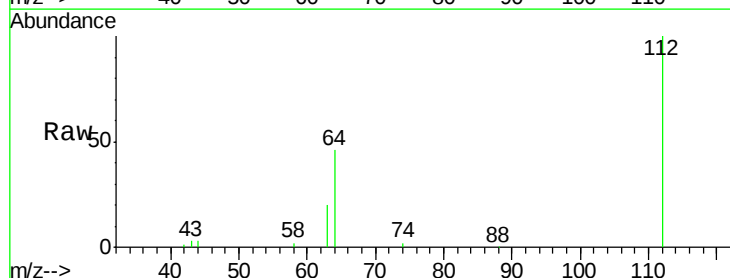
Tgt Ion: 112 Resp: 56569

Ion Ratio Lower Upper

112 100

64 67.9 53.7 80.5

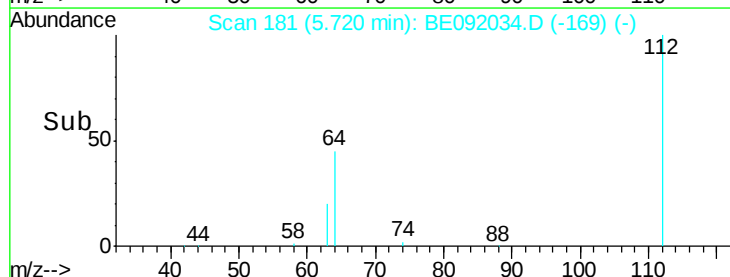
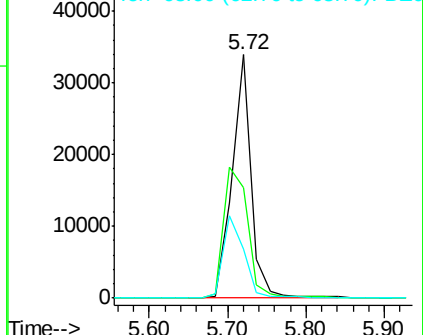
63 36.9 29.5 44.3

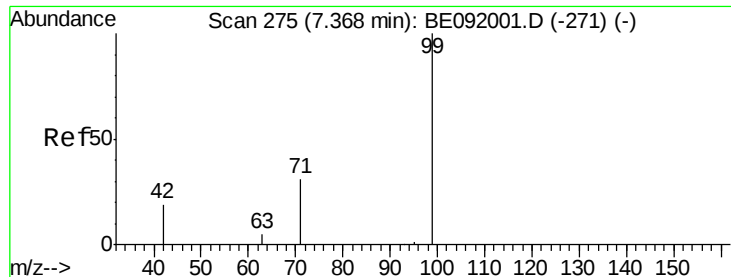


Abundance Ion 112.00 (111.70 to 112.70): BE092001.D (-178) (-)

Ion 64.00 (63.70 to 64.70): BE092001.D (-178) (-)

Ion 63.00 (62.70 to 63.70): BE092001.D (-178) (-)





#5

Phenol-d6

Concen: 8.94 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

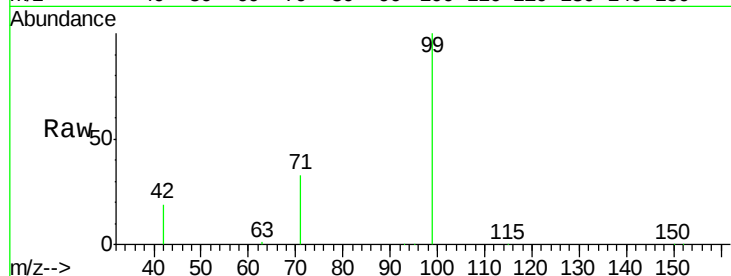
Tgt Ion: 99 Resp: 82292

Ion Ratio Lower Upper

99 100

42 25.7 19.6 29.4

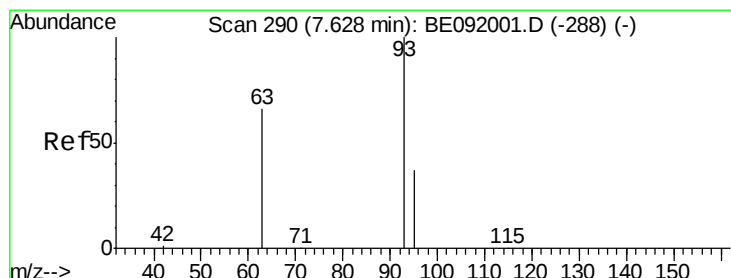
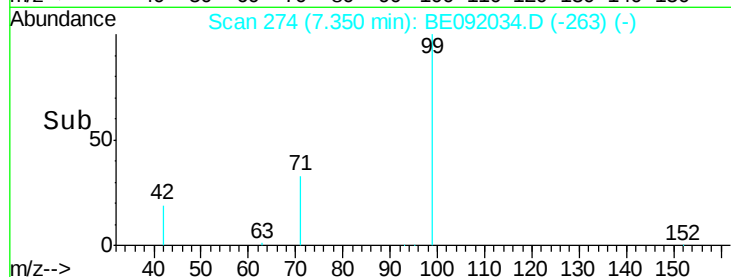
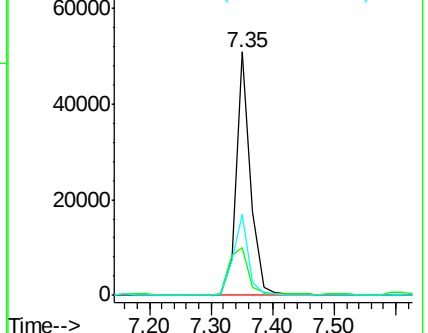
71 35.3 28.1 42.1



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 4.16 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

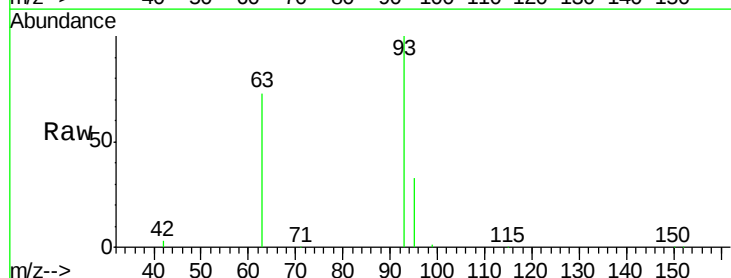
Tgt Ion: 93 Resp: 31890

Ion Ratio Lower Upper

93 100

63 83.8 66.2 99.4

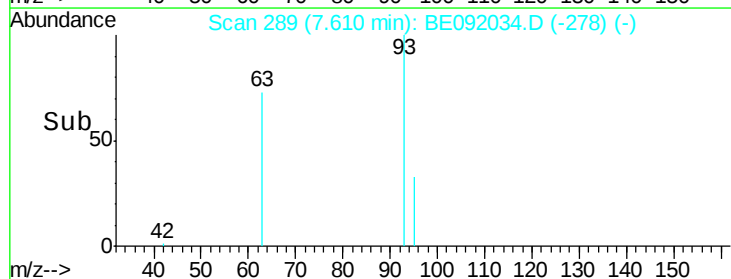
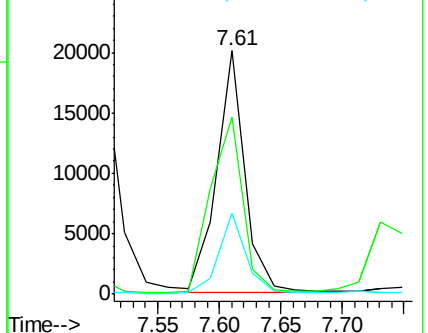
95 32.1 25.5 38.3

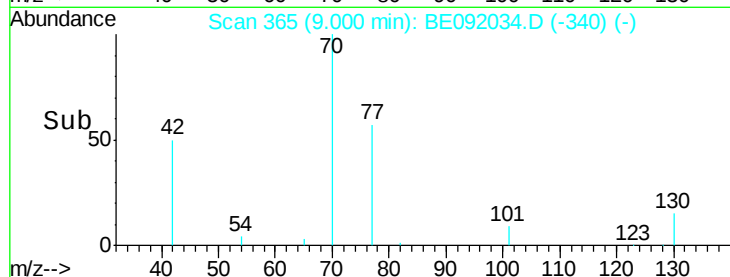
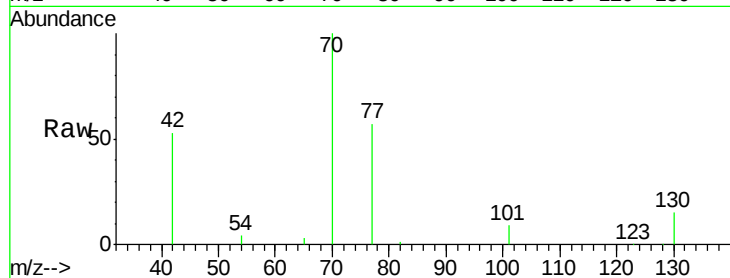
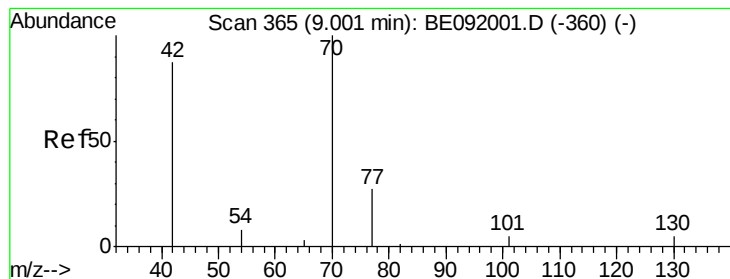


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 4.22 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

Tgt Ion: 70 Resp: 27629

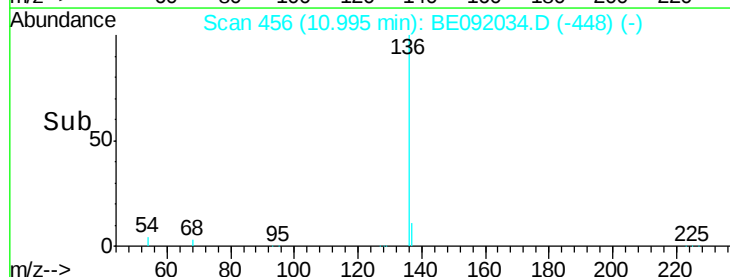
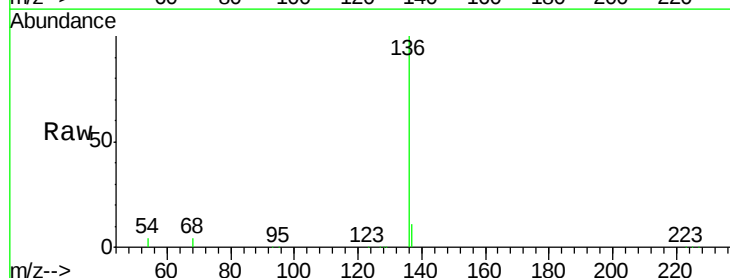
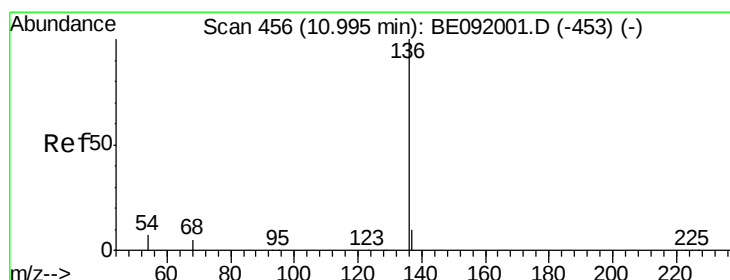
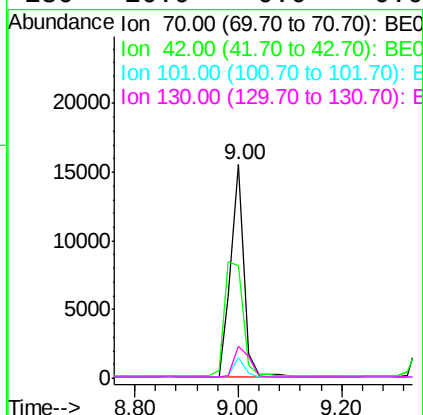
Ion Ratio Lower Upper

70 100

42 75.8 58.4 87.6

101 8.5 6.4 9.6

130 16.9 0.0 0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.00 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Tgt Ion: 136 Resp: 130739

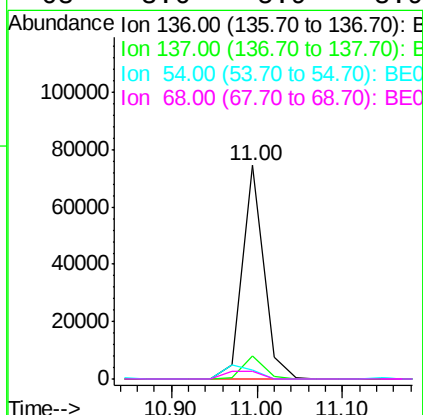
Ion Ratio Lower Upper

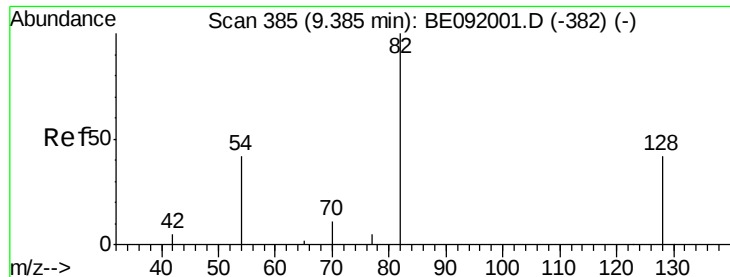
136 100

137 10.8 8.3 12.5

54 4.4 8.2 12.4#

68 3.6 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 5.45 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

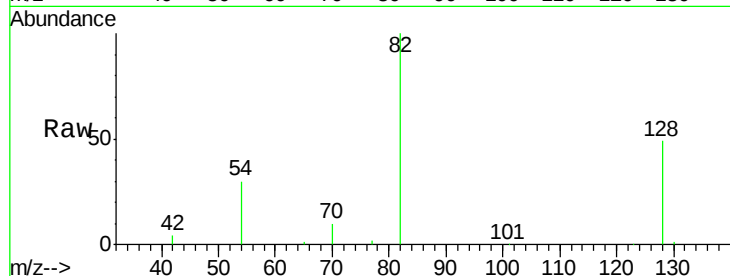
Tgt Ion: 82 Resp: 42857

Ion Ratio Lower Upper

82 100

128 48.5 39.5 59.3

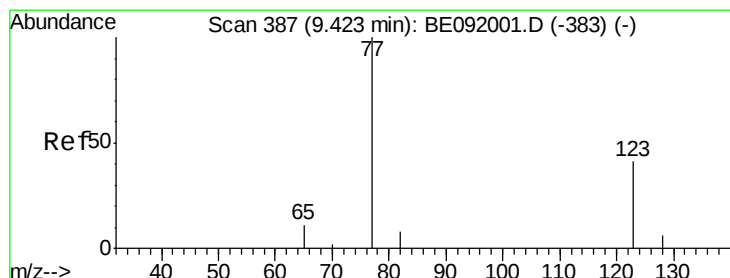
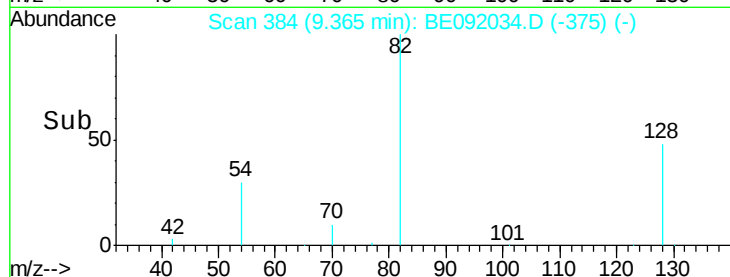
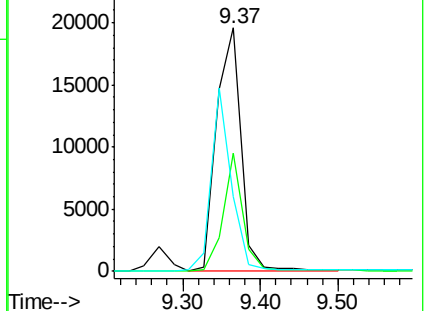
54 30.4 30.3 45.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 3.69 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

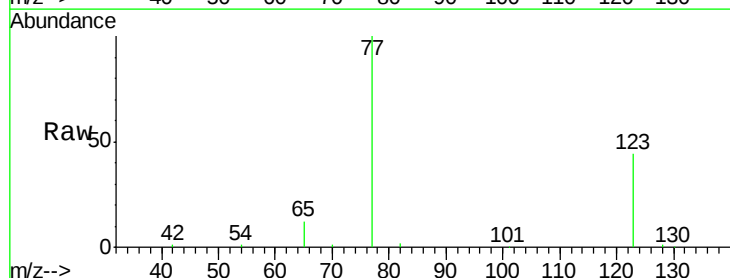
Tgt Ion: 77 Resp: 38925

Ion Ratio Lower Upper

77 100

123 39.1 0.0 0.0#

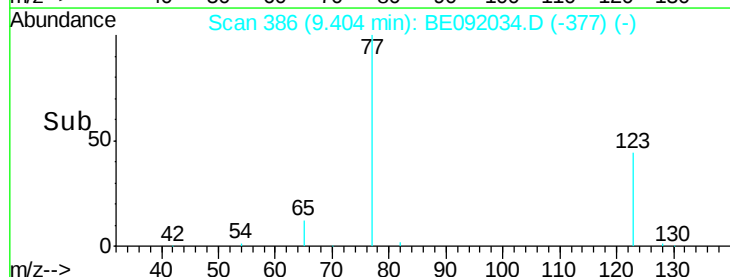
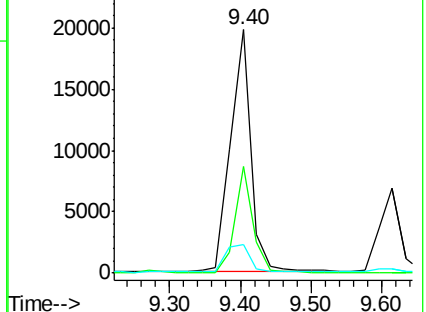
65 14.2 11.1 16.7

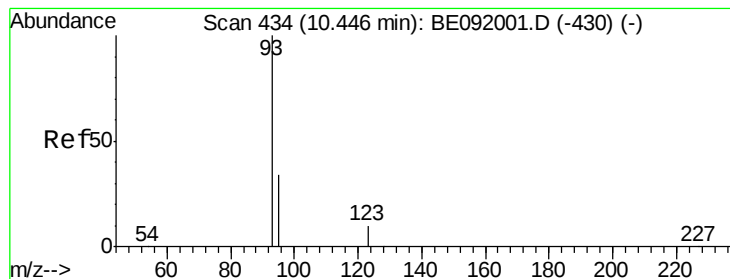


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 4.48 ng

RT: 10.40 min Scan# 432

Delta R.T. -0.05 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

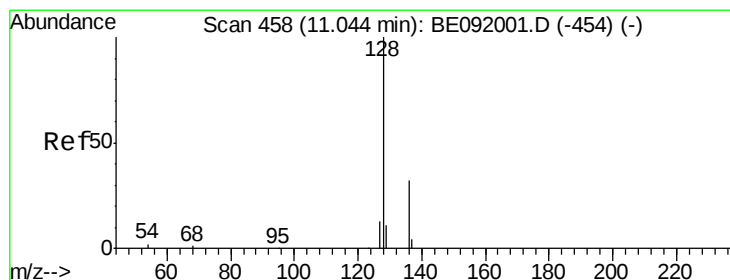
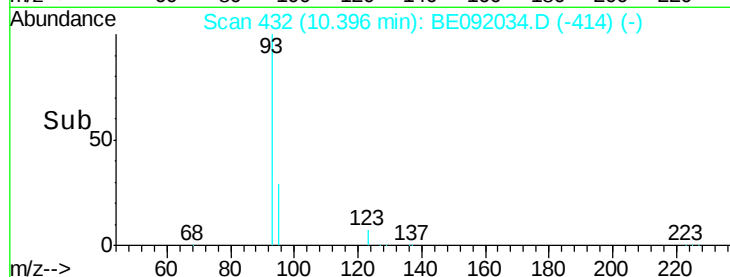
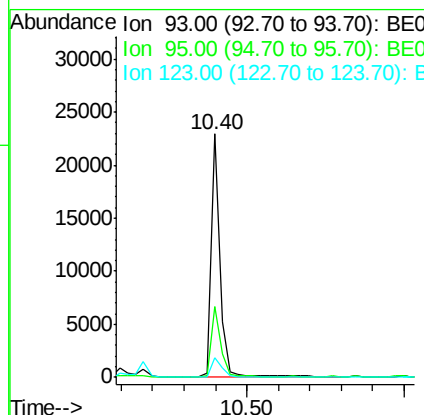
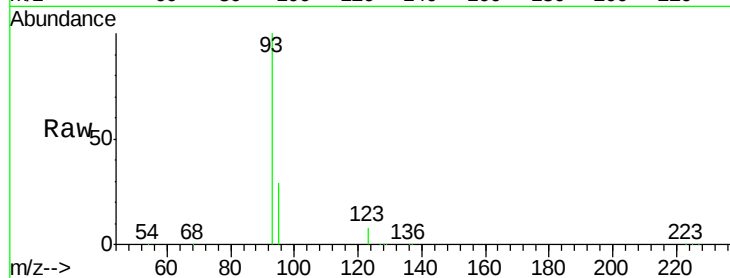
Tgt Ion: 93 Resp: 44088

Ion Ratio Lower Upper

93 100

95 31.7 57.6 86.4#

123 9.4 100.2 150.4#



#12

Naphthalene

Concen: 3.59 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

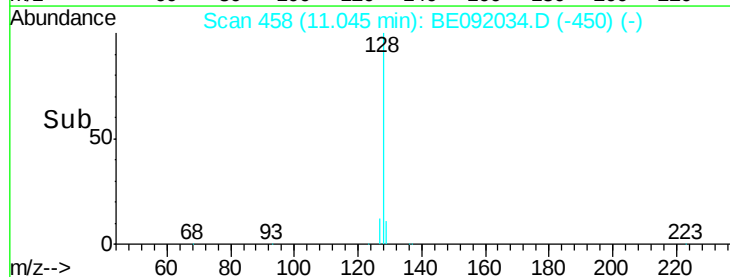
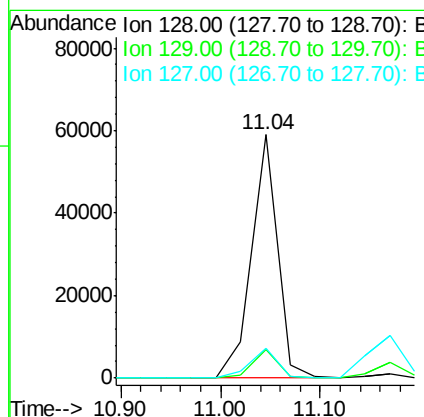
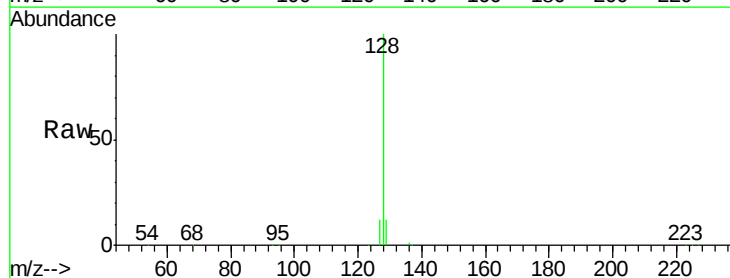
Tgt Ion: 128 Resp: 106509

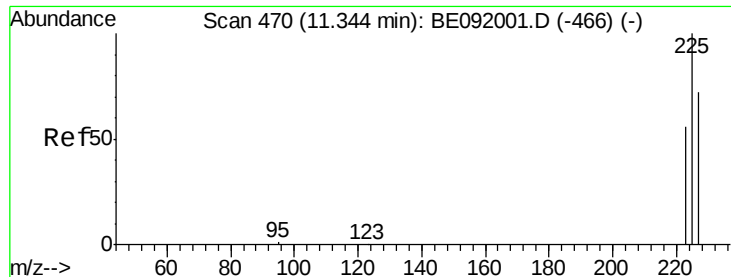
Ion Ratio Lower Upper

128 100

129 11.5 10.4 15.6

127 12.2 10.2 15.2

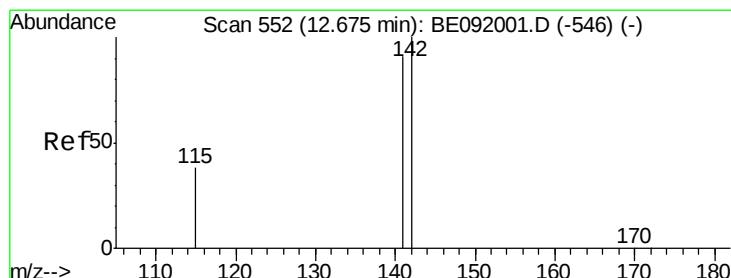
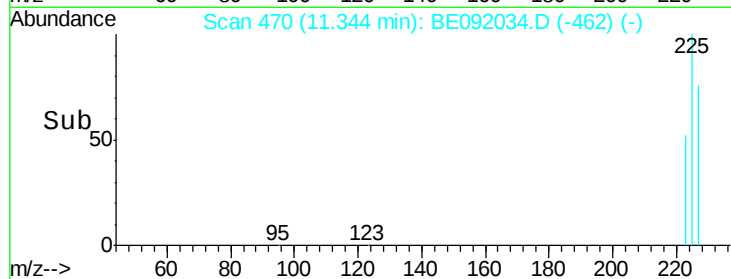
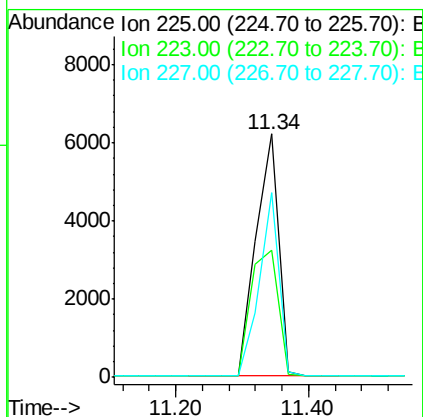
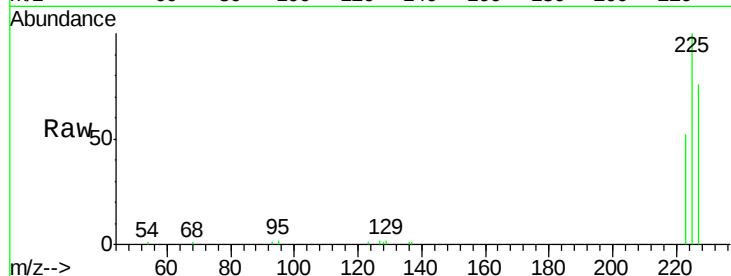




#13
Hexachlorobutadiene
Concen: 3.43 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

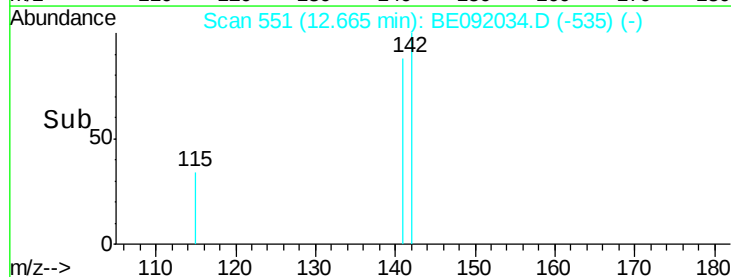
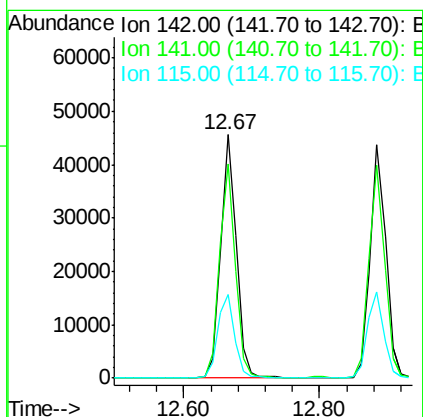
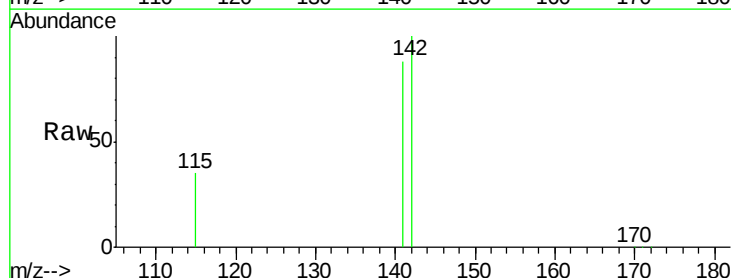
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

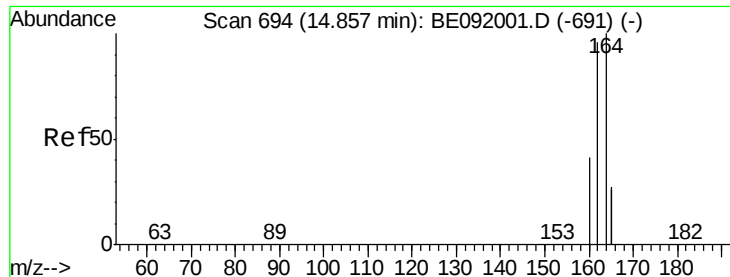
Tgt Ion: 225 Resp: 14564
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 65.6 50.6 75.8



#14
2-Methylnaphthalene
Concen: 4.00 ng
RT: 12.67 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion: 142 Resp: 74534
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9
115 34.6 29.9 44.9

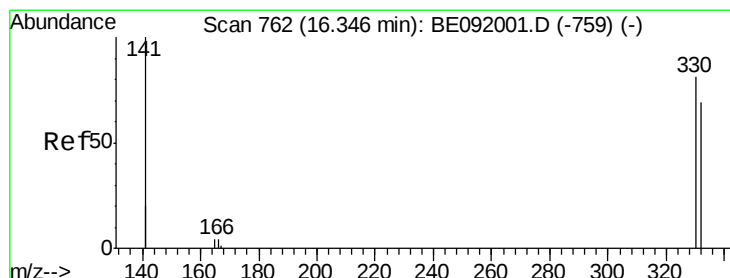
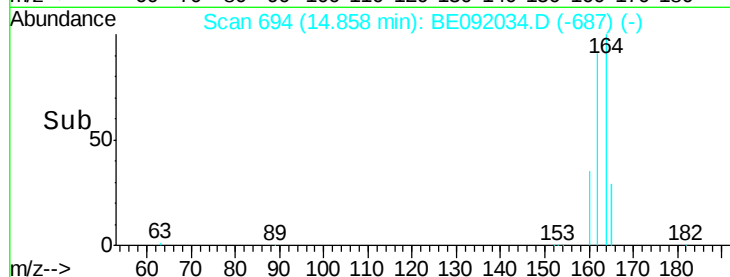
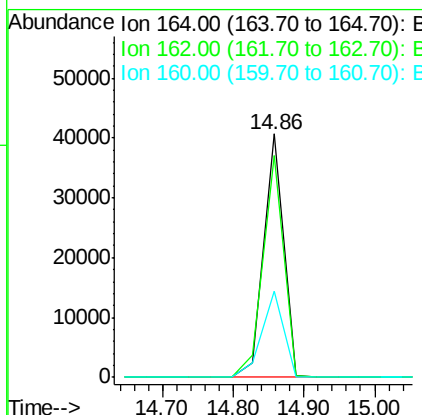
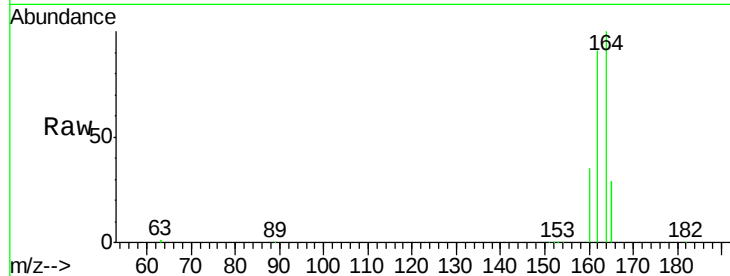




#15
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.86 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

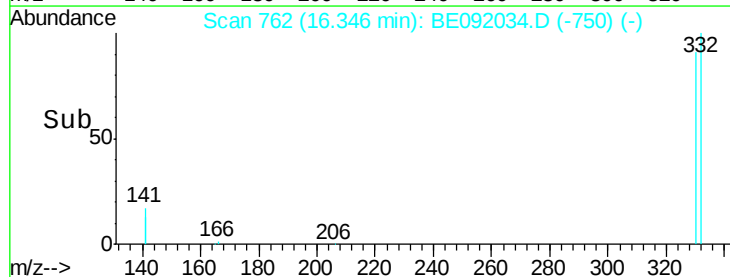
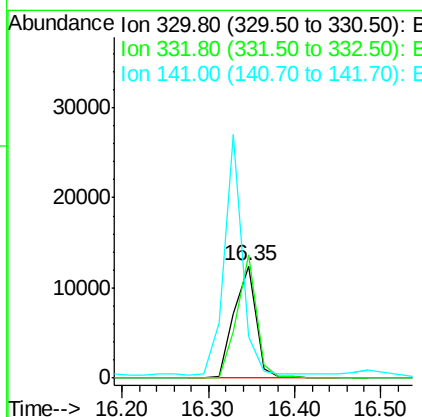
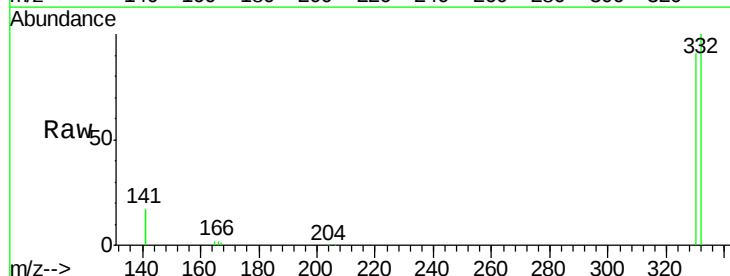
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

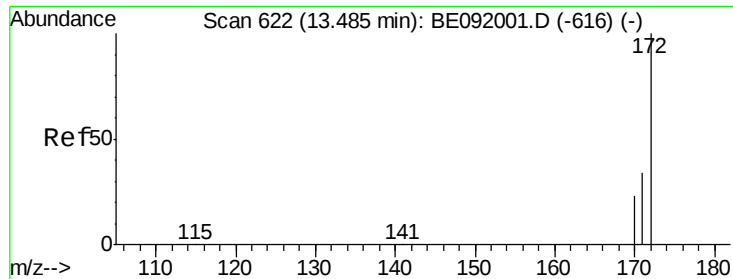
Tgt Ion:164 Resp: 77937
 Ion Ratio Lower Upper
 164 100
 162 91.3 71.8 107.8
 160 35.5 28.0 42.0



#16
 2,4,6-Tribromophenol
 Concen: 8.02 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Tgt Ion:330 Resp: 21683
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 179.5 138.4 207.6

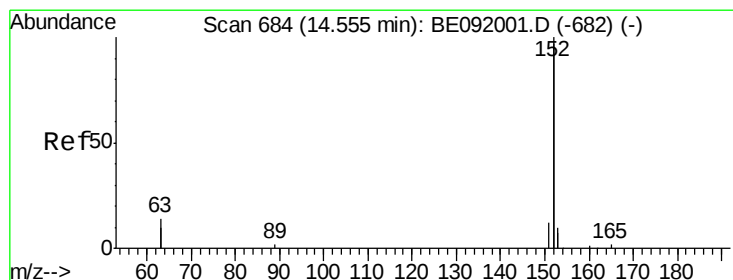
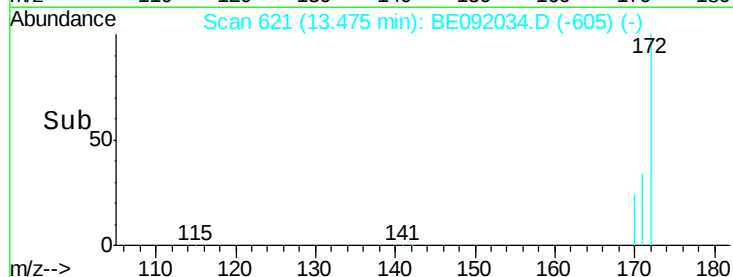
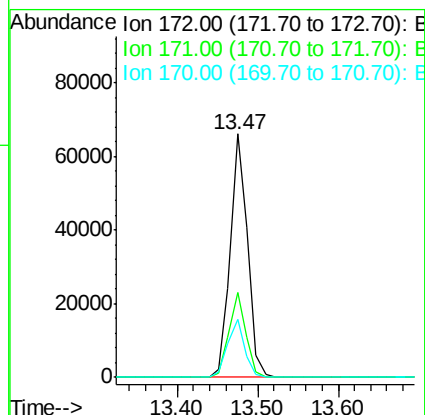
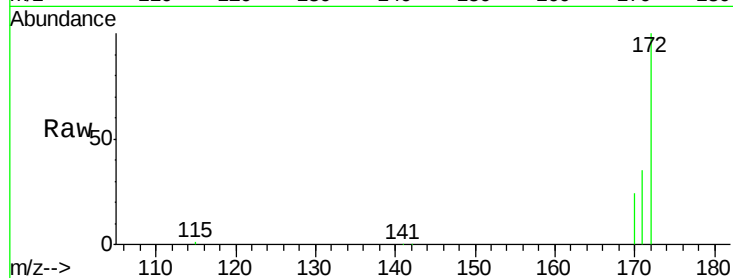




#17
2-Fluorobiphenyl
Concen: 4.75 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

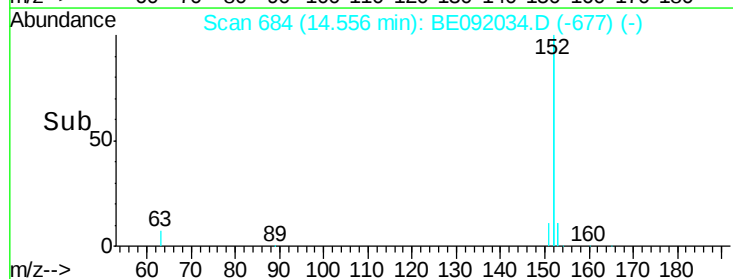
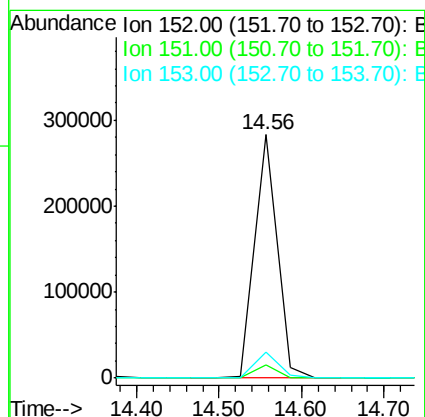
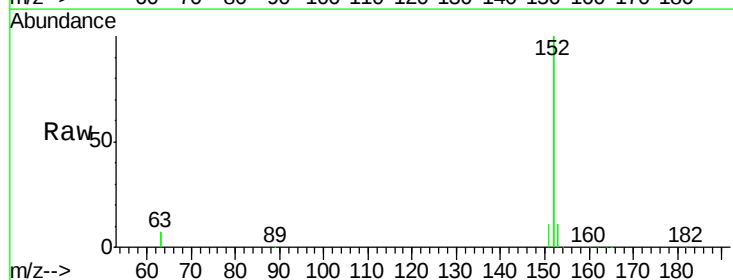
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

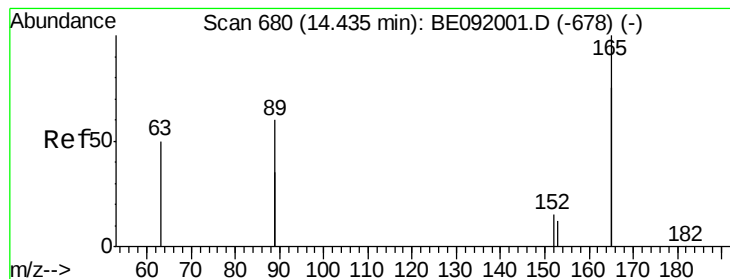
Tgt Ion:172 Resp: 97352
Ion Ratio Lower Upper
172 100
171 34.6 24.3 36.5
170 23.8 14.9 22.3#



#18
Acenaphthylene
Concen: 4.50 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion:152 Resp: 539559
Ion Ratio Lower Upper
152 100
151 5.3 19.4 29.2#
153 11.4 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 4.06 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

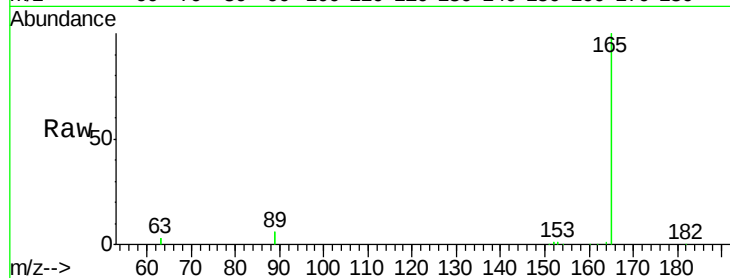
Tgt Ion:165 Resp: 91020

Ion Ratio Lower Upper

165 100

63 0.0 65.9 98.9#

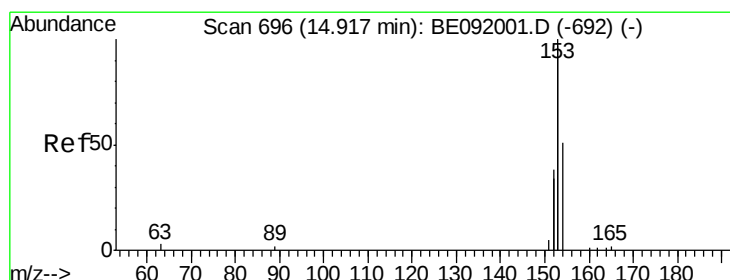
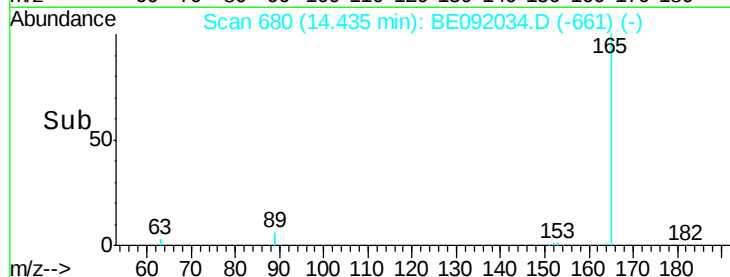
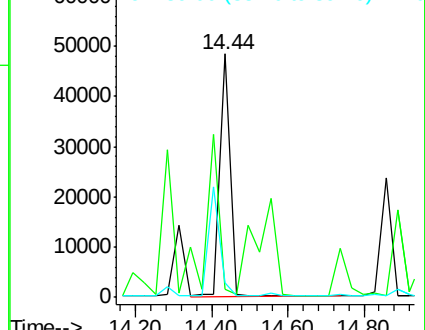
89 0.0 59.1 88.7#



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: 3.40 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

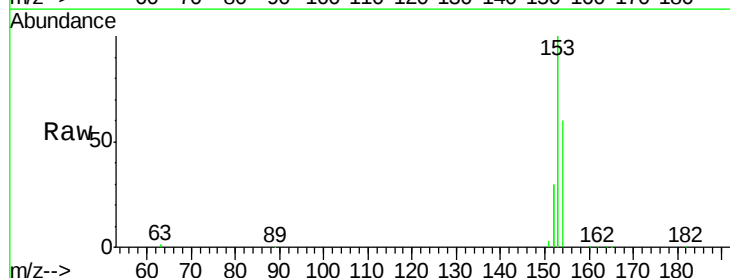
Tgt Ion:154 Resp: 69169

Ion Ratio Lower Upper

154 100

153 379.3 88.1 132.1#

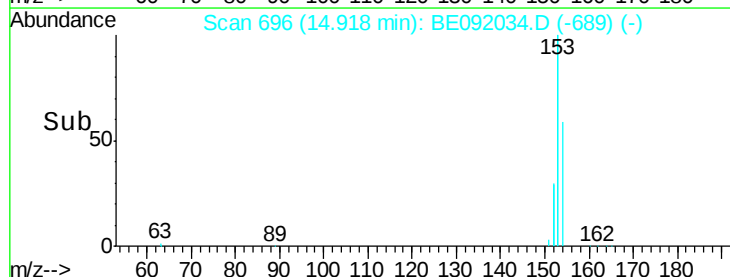
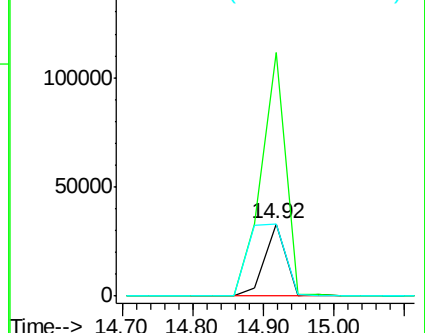
152 170.2 44.2 66.2#

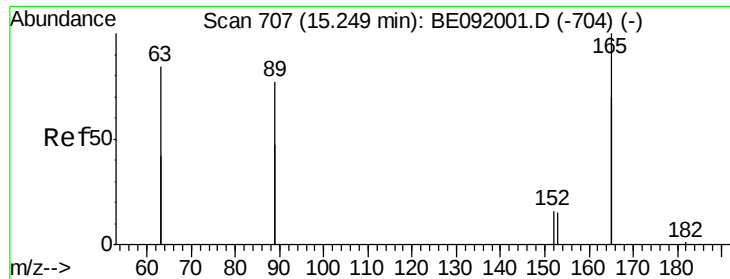


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

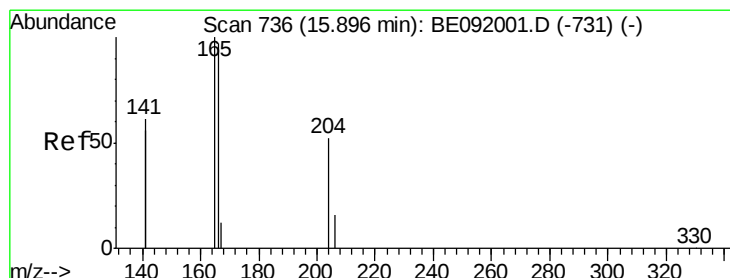
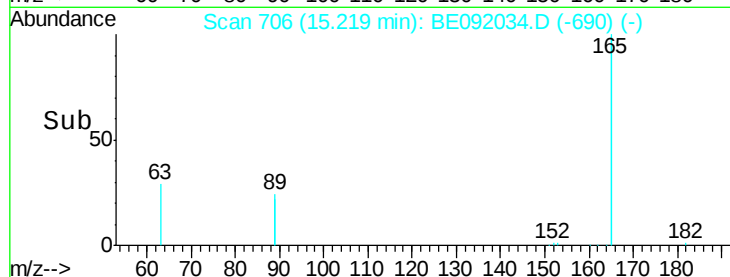
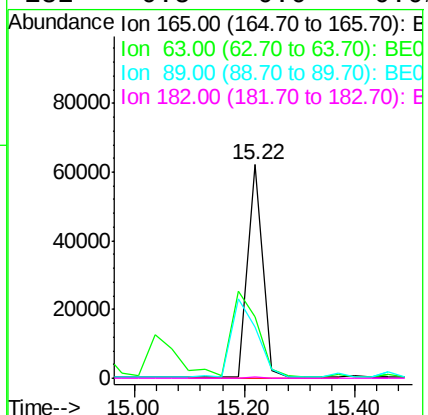
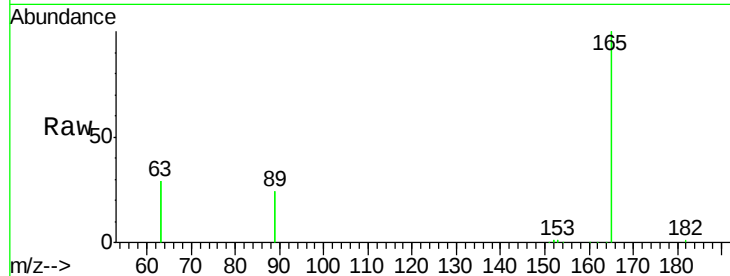




#21
2,4-Dinitrotoluene
Concen: 3.99 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

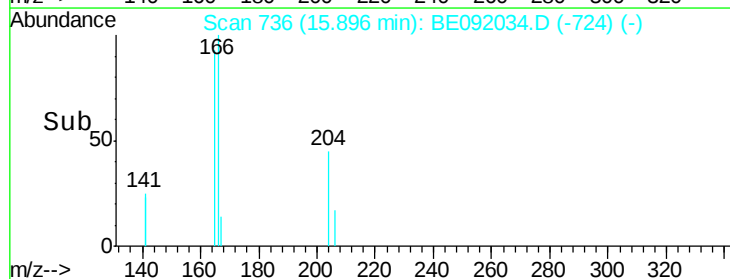
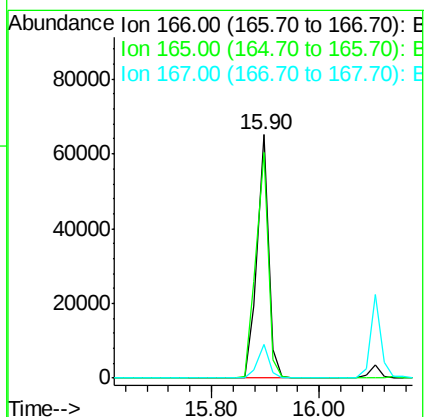
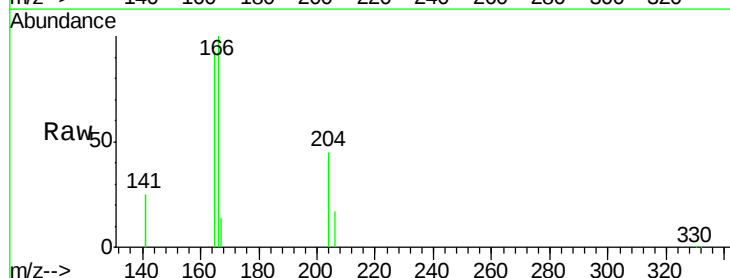
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

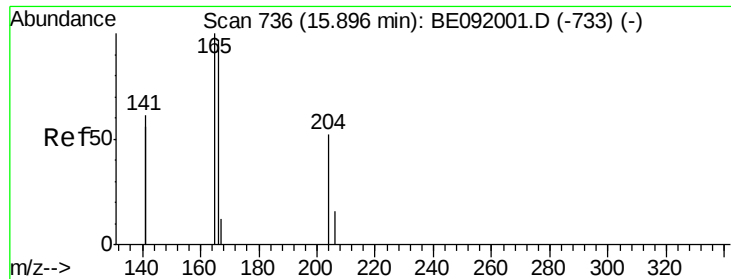
Tgt Ion:165 Resp: 118792
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.5 0.0 0.0#



#22
Fluorene
Concen: 3.96 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion:166 Resp: 96082
Ion Ratio Lower Upper
166 100
165 99.7 78.6 117.8
167 13.4 10.8 16.2

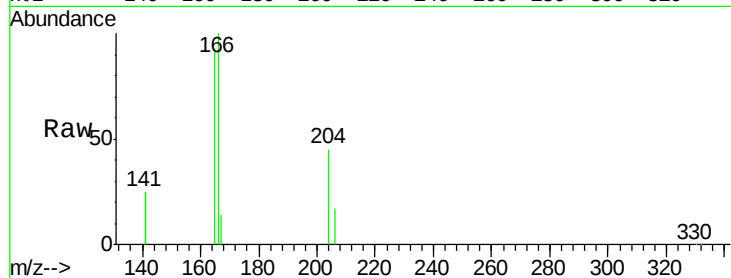




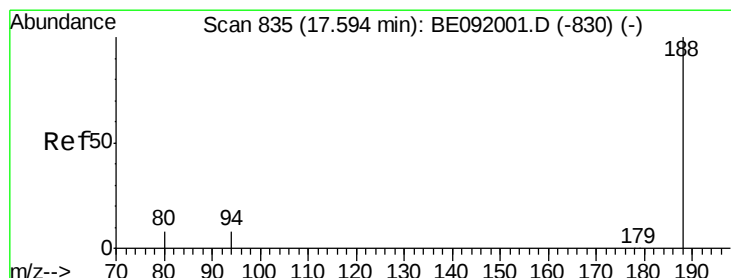
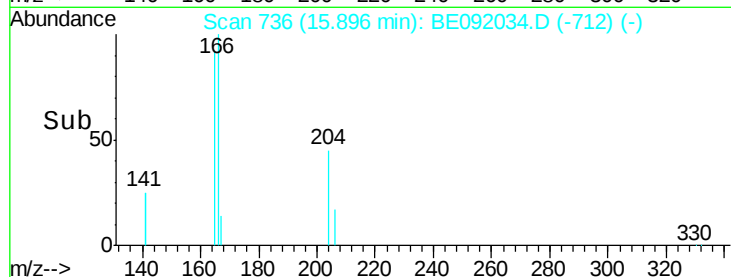
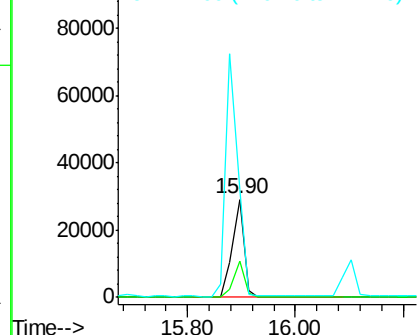
#23
 4-Chlorophenyl-phenylether
 Concen: 3.61 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

Tgt Ion:204 Resp: 43421
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.8 41.6
 141 259.7 197.6 296.4

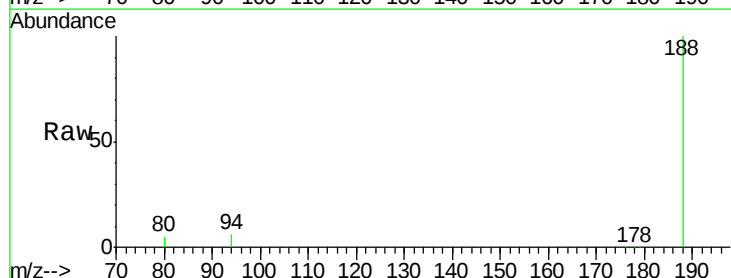


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

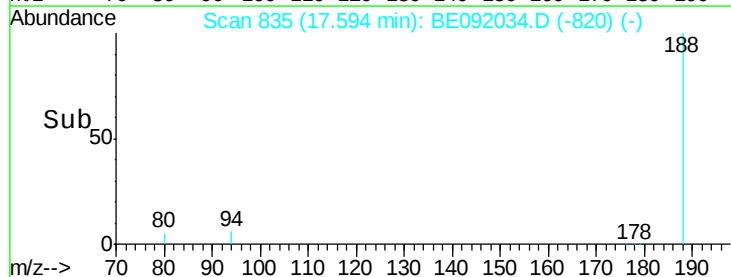
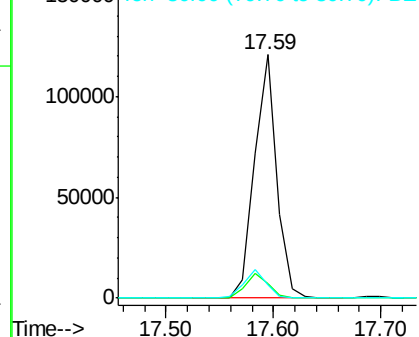


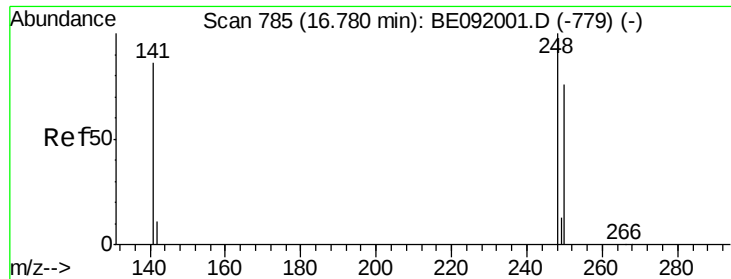
#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Tgt Ion:188 Resp: 172983
 Ion Ratio Lower Upper
 188 100
 94 5.8 4.1 6.1
 80 5.2 3.4 5.2#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE0
 Ion 80.00 (79.70 to 80.70): BE0

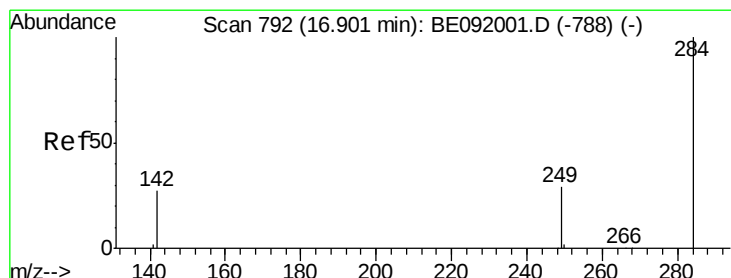
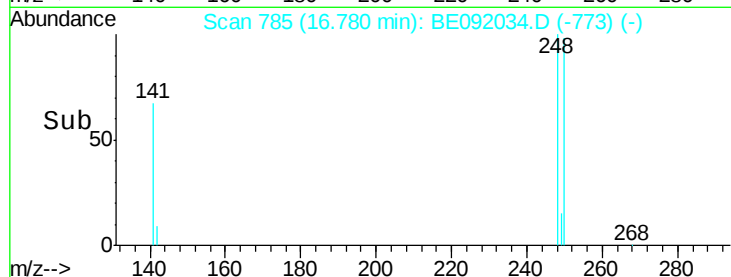
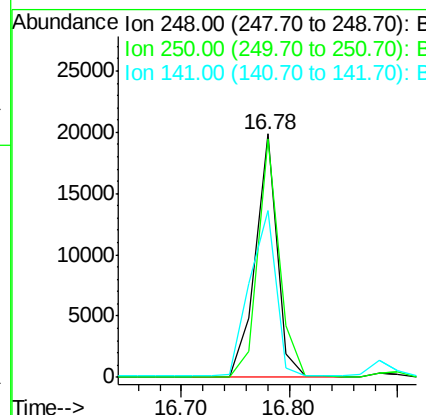
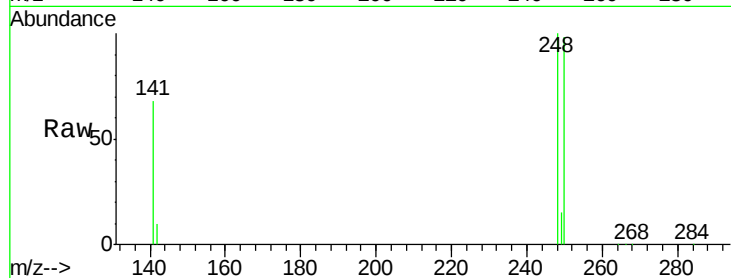




#25
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

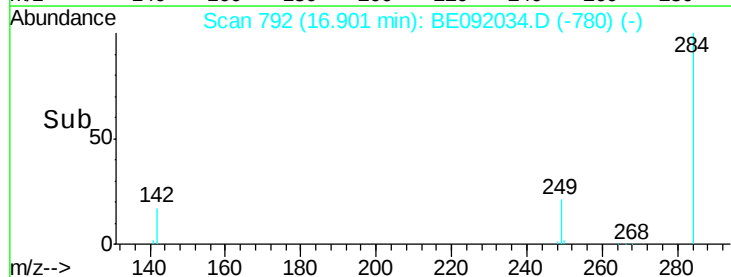
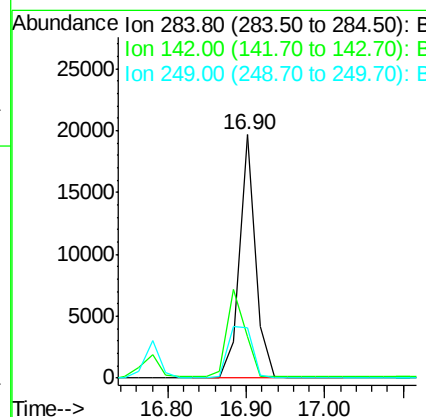
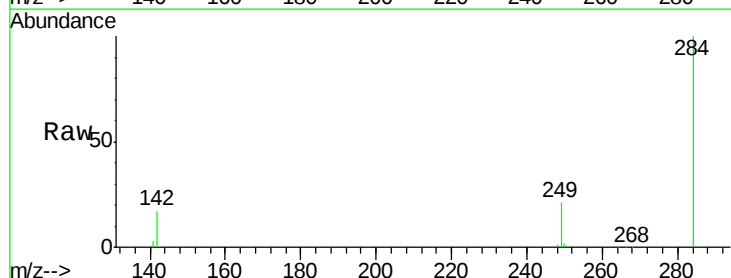
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

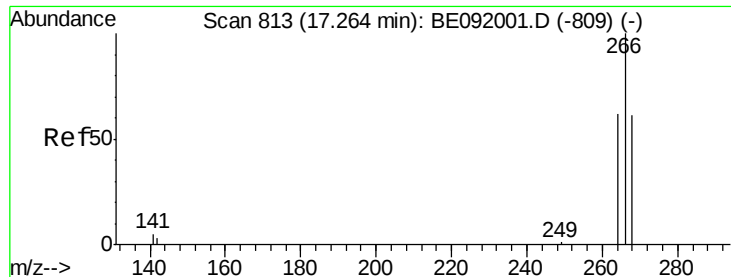
Tgt Ion:248 Resp: 27597
Ion Ratio Lower Upper
248 100
250 97.3 75.7 113.5
141 82.4 64.6 97.0



#26
Hexachlorobenzene
Concen: 3.73 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion:284 Resp: 27734
Ion Ratio Lower Upper
284 100
142 40.9 31.4 47.2
249 31.6 25.3 37.9





#27

Pentachlorophenol

Concen: 6.60 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

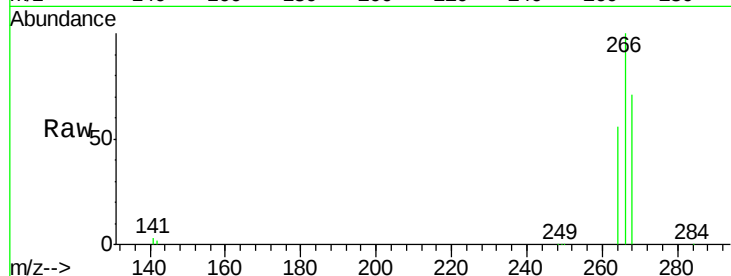
Tgt Ion:266 Resp: 24791

Ion Ratio Lower Upper

266 100

268 70.6 60.5 90.7

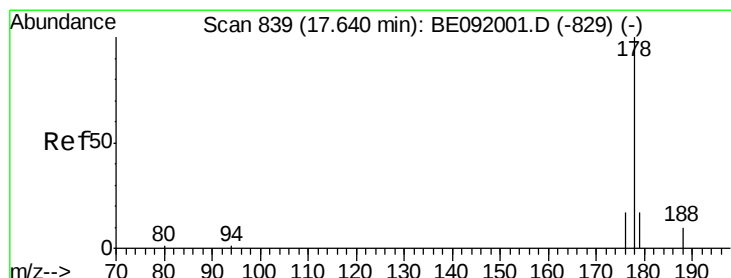
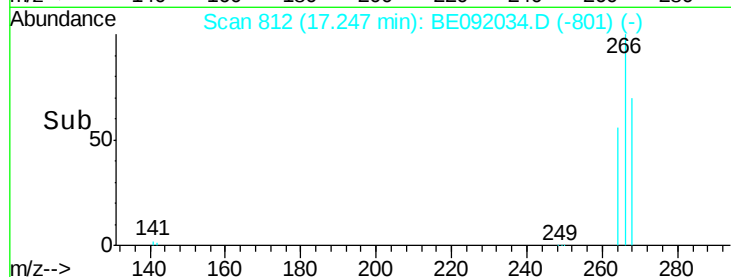
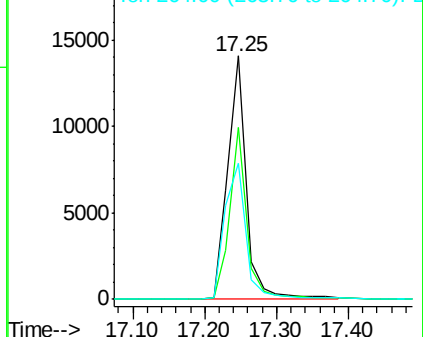
264 55.9 51.0 76.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 3.89 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

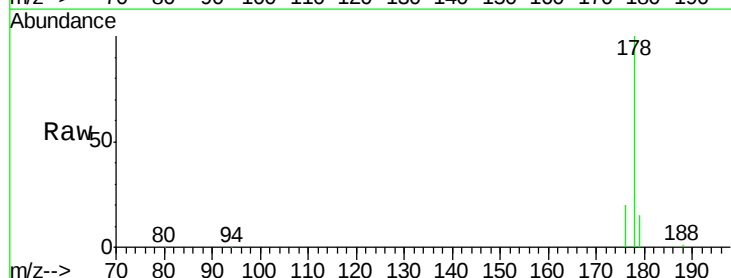
Tgt Ion:178 Resp: 174080

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

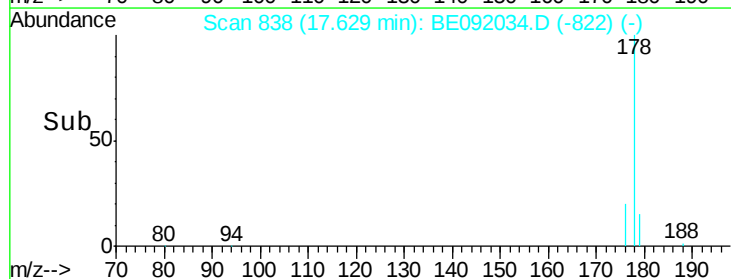
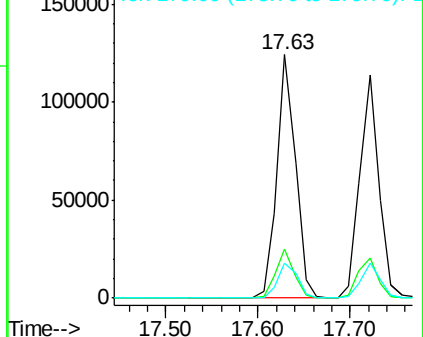
179 15.5 12.9 19.3

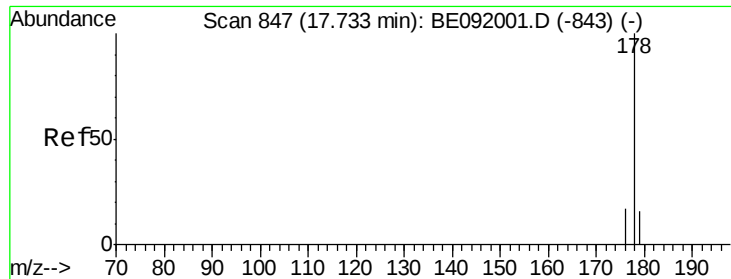


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#29

Anthracene

Concen: 4.08 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

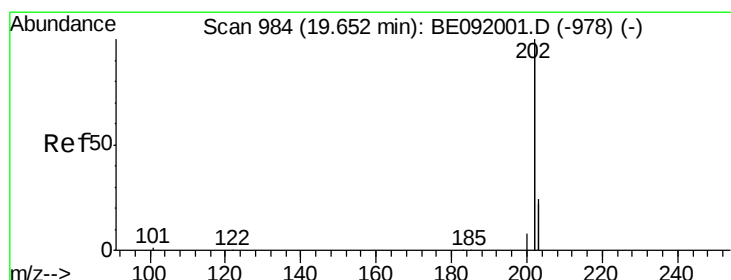
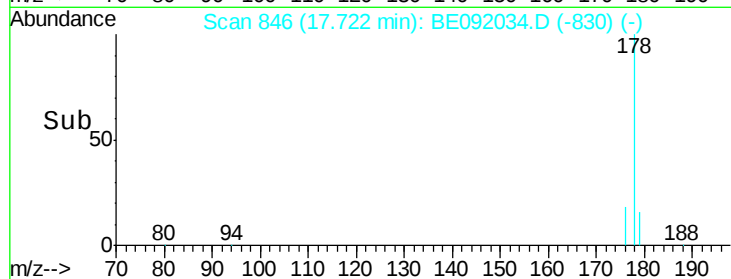
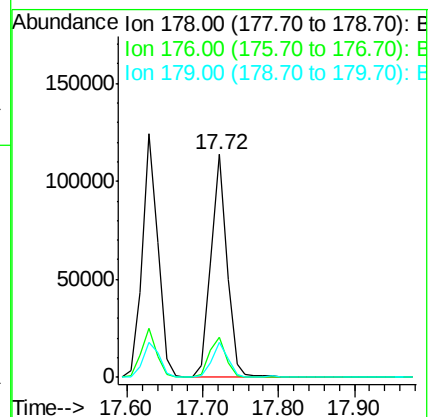
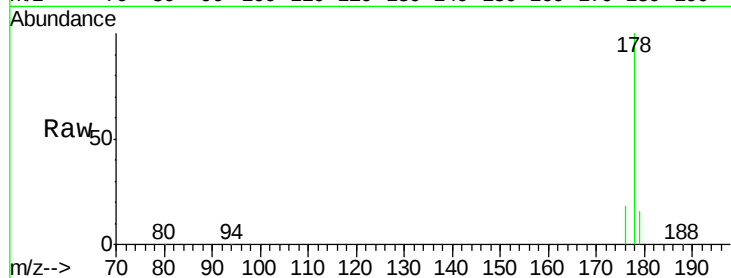
Tgt Ion:178 Resp: 165132

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.4 12.1 18.1



#30

Fluoranthene

Concen: 4.72 ng

RT: 19.63 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

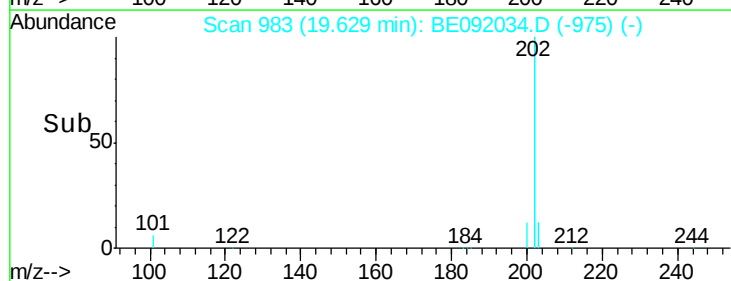
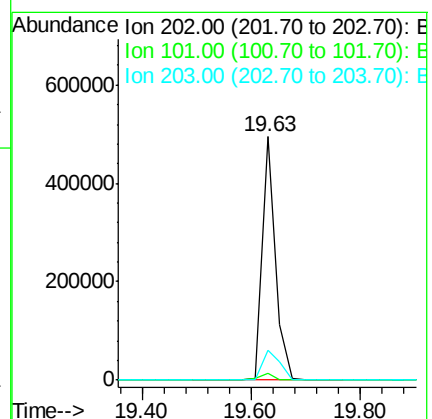
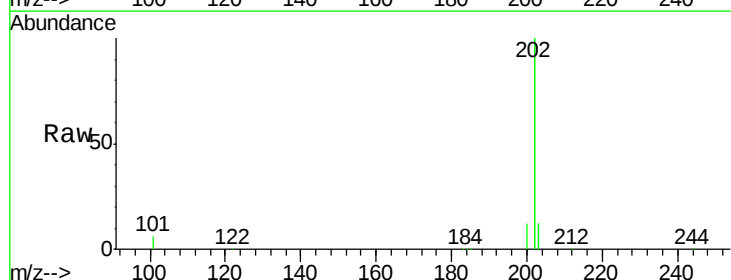
Tgt Ion:202 Resp: 843913

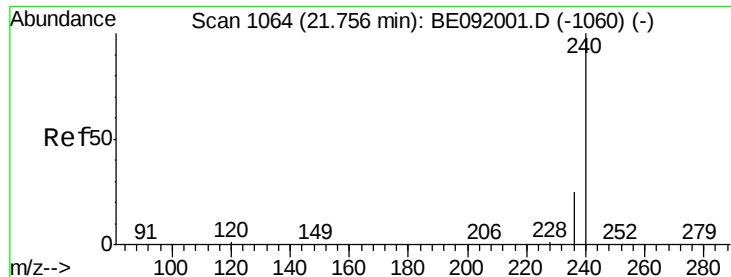
Ion Ratio Lower Upper

202 100

101 2.8 9.4 14.0#

203 16.3 14.3 21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

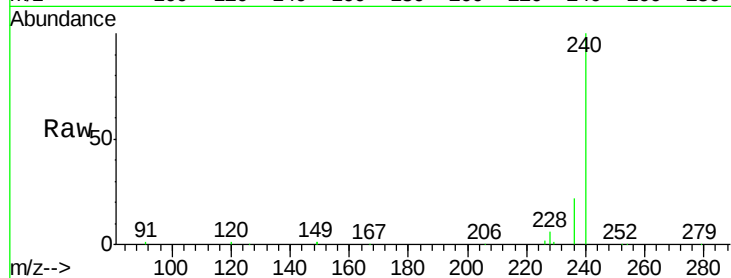
Tgt Ion:240 Resp: 193938

Ion Ratio Lower Upper

240 100

120 0.7 1.2 1.8#

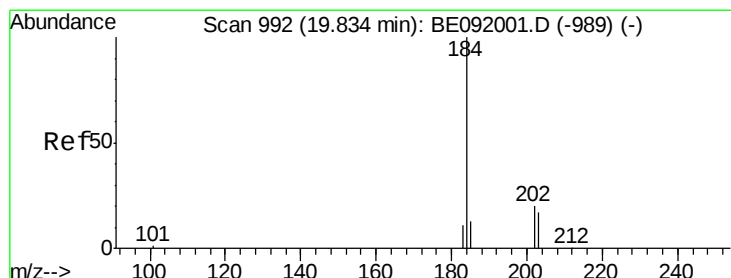
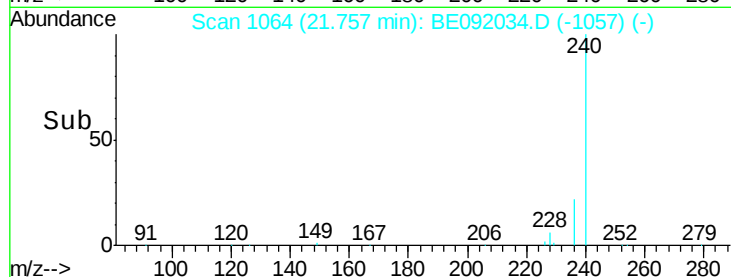
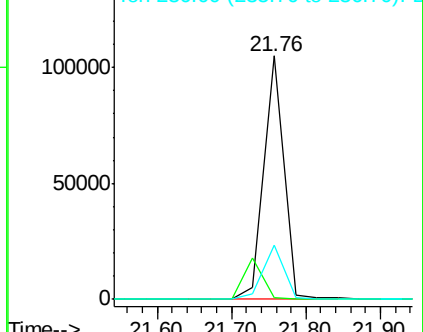
236 22.3 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#32

Benzidine

Concen: 1.00 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

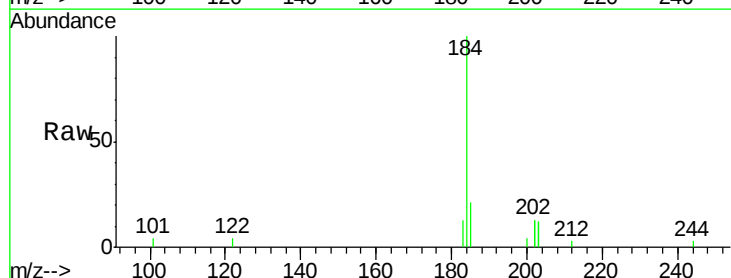
Tgt Ion:184 Resp: 7983

Ion Ratio Lower Upper

184 100

185 21.2 11.4 17.2#

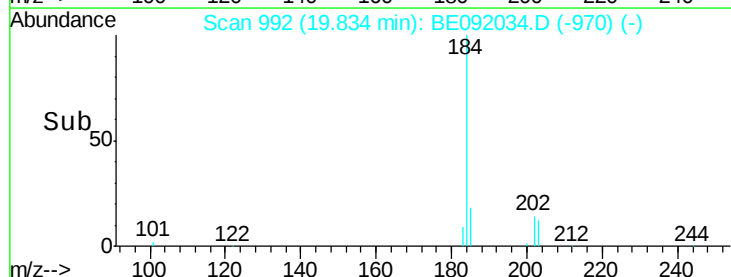
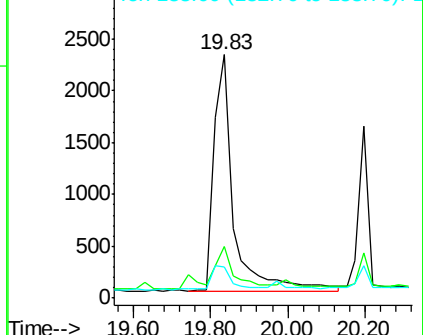
183 12.5 11.8 17.6

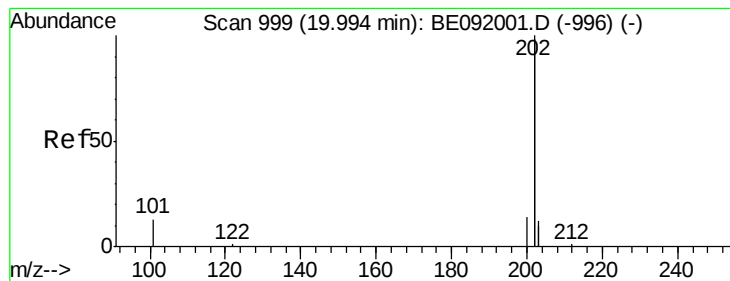


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 6.62 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

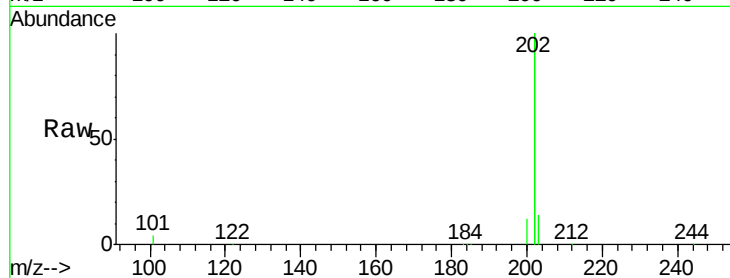
Tgt Ion: 202 Resp: 931438

Ion Ratio Lower Upper

202 100

200 5.7 16.9 25.3#

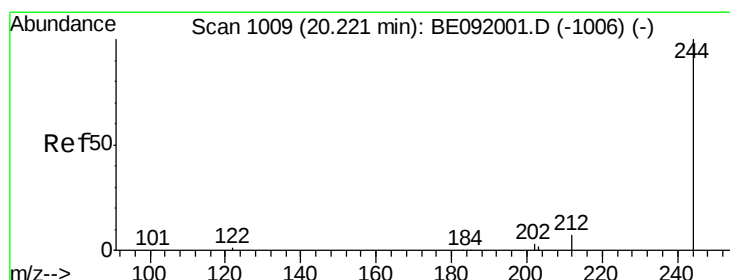
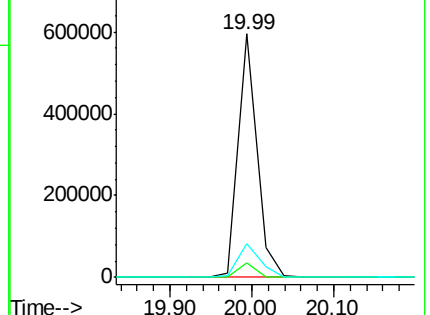
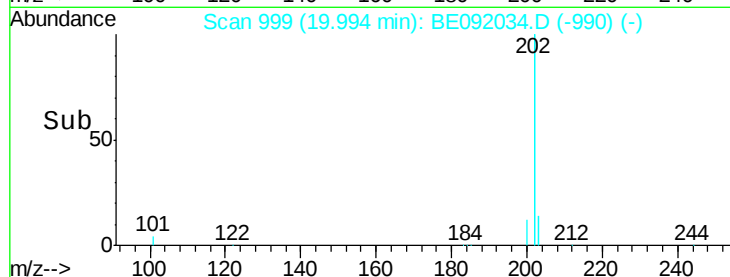
203 16.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 6.91 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

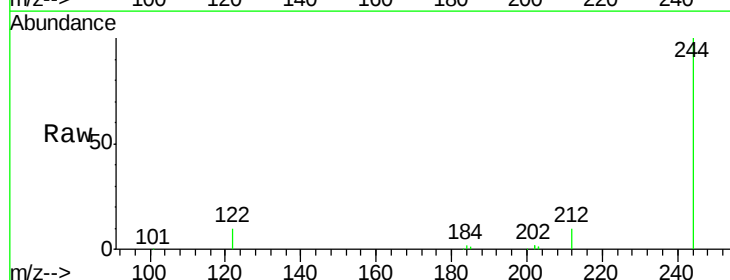
Tgt Ion: 244 Resp: 134573

Ion Ratio Lower Upper

244 100

212 10.1 6.5 9.7#

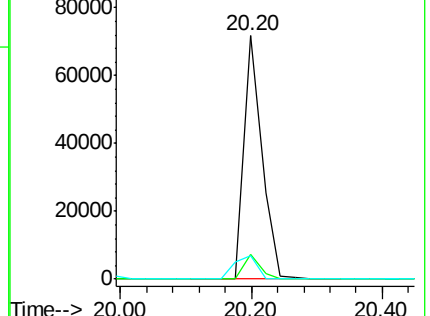
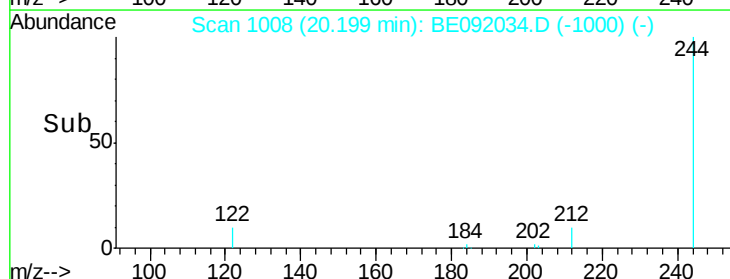
122 9.7 2.9 4.3#

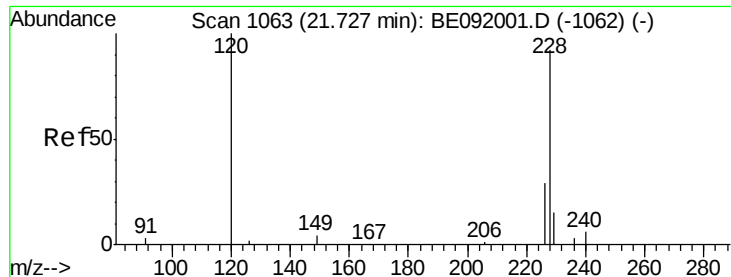


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 12.35 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

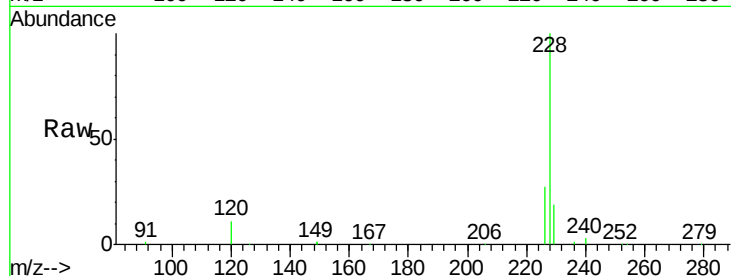
Tgt Ion:228 Resp: 539585

Ion Ratio Lower Upper

228 100

226 27.1 21.0 31.4

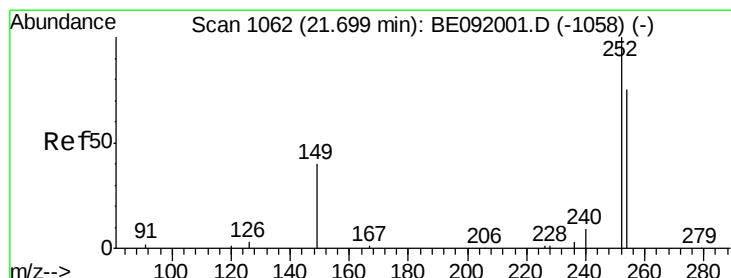
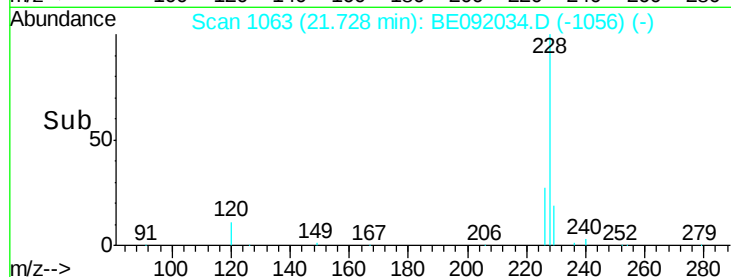
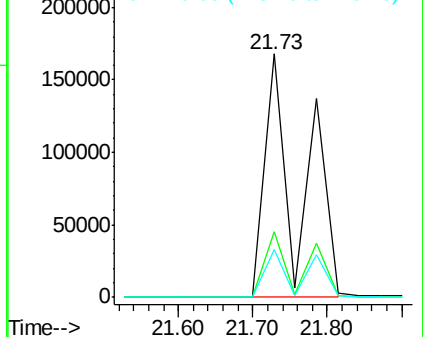
229 19.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 4.96 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

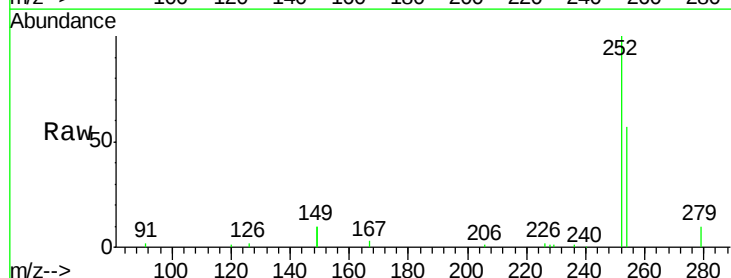
Tgt Ion:252 Resp: 63650

Ion Ratio Lower Upper

252 100

254 56.9 61.5 92.3#

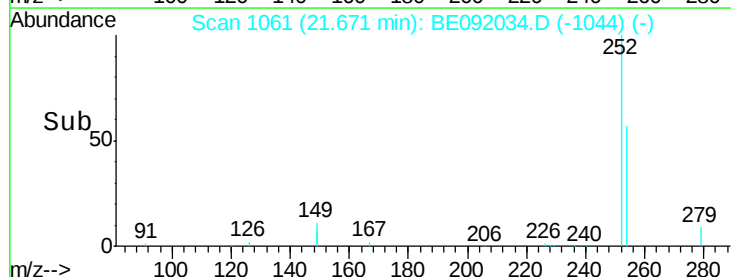
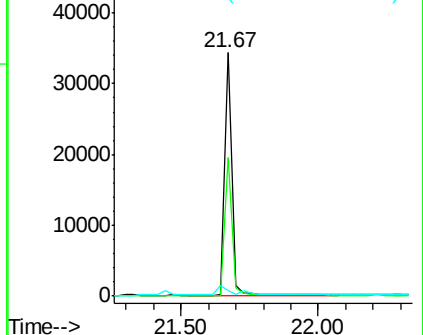
126 2.3 2.5 3.7#

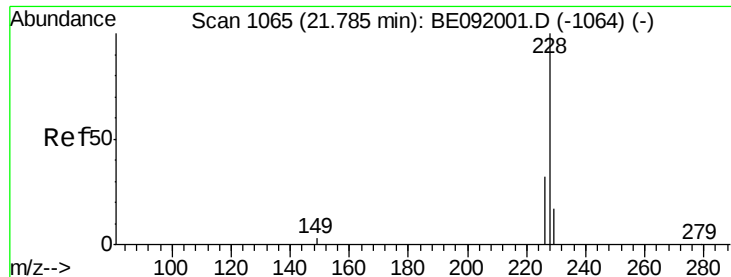


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 10.19 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

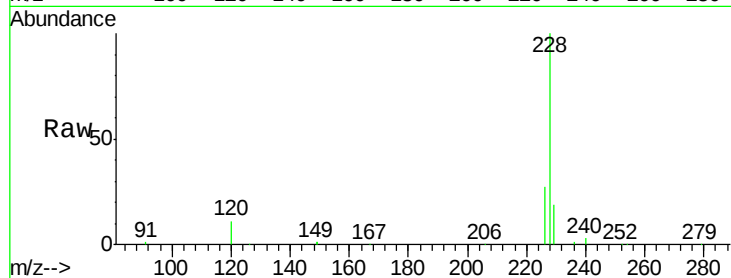
Tgt Ion:228 Resp: 542620

Ion Ratio Lower Upper

228 100

226 27.1 27.0 40.6

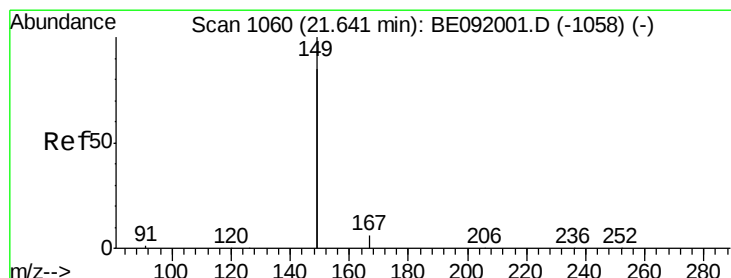
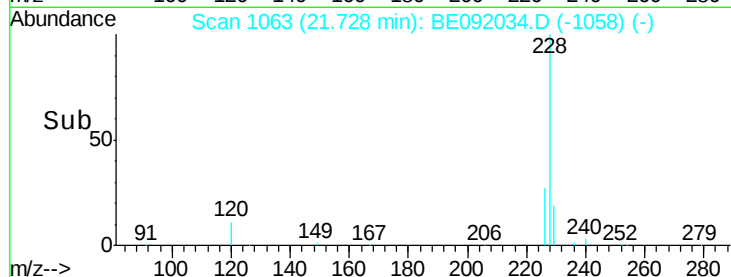
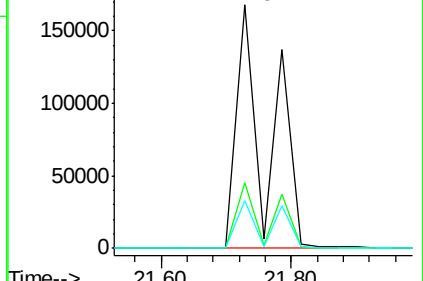
229 19.4 13.8 20.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#38

Bis(2-ethylhexyl)phthalate

Concen: 17.05 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

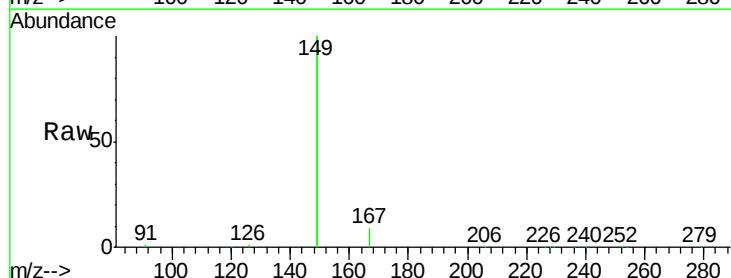
Tgt Ion:149 Resp: 653243

Ion Ratio Lower Upper

149 100

167 4.8 0.0 0.0#

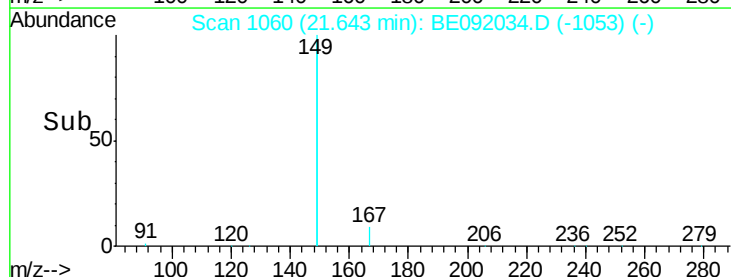
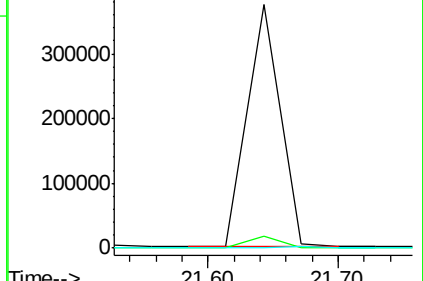
279 0.0 0.0 0.0

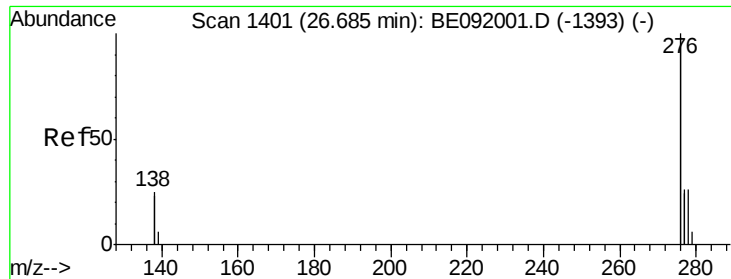


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 6.22 ng

RT: 26.67 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

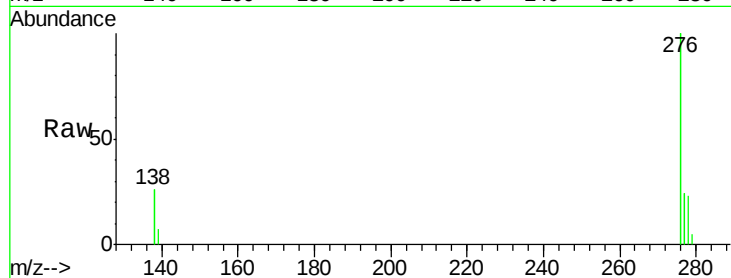
Tgt Ion: 276 Resp: 909958

Ion Ratio Lower Upper

276 100

138 26.5 19.7 29.5

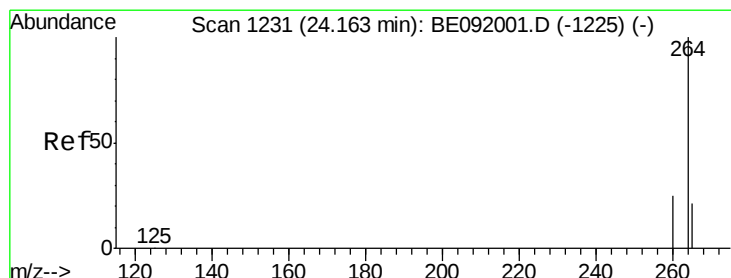
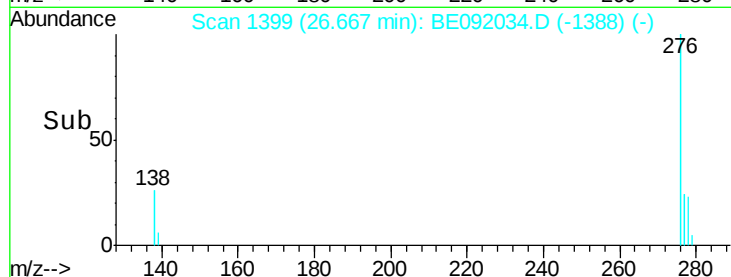
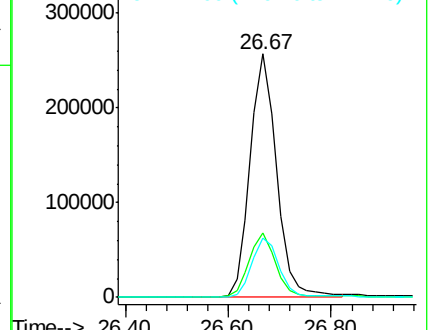
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

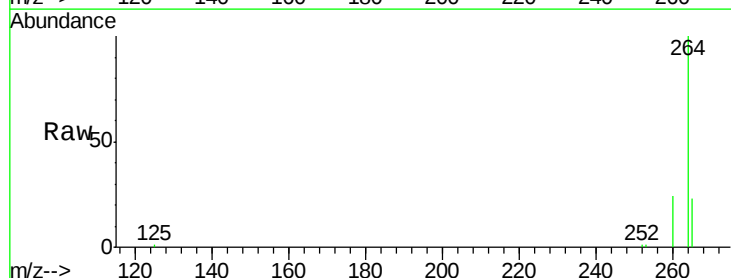
Tgt Ion: 264 Resp: 192067

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

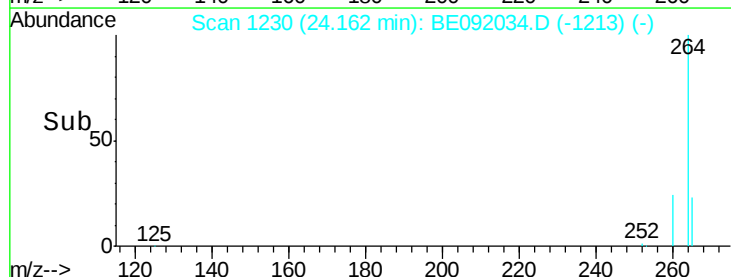
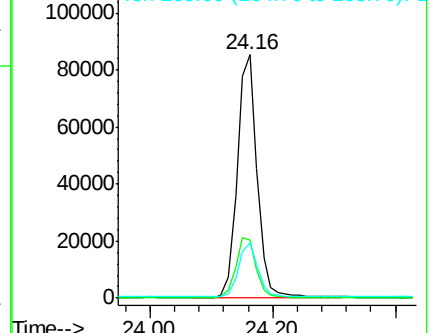
265 23.0 17.6 26.4

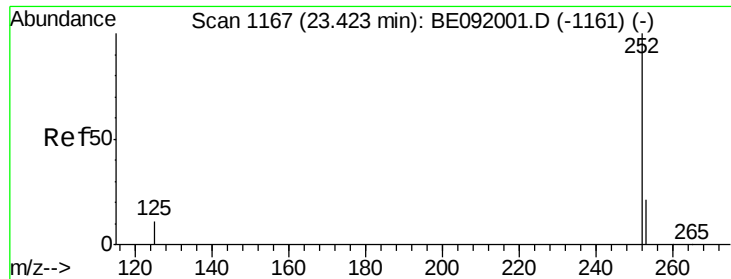


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 4.50 ng

RT: 23.41 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

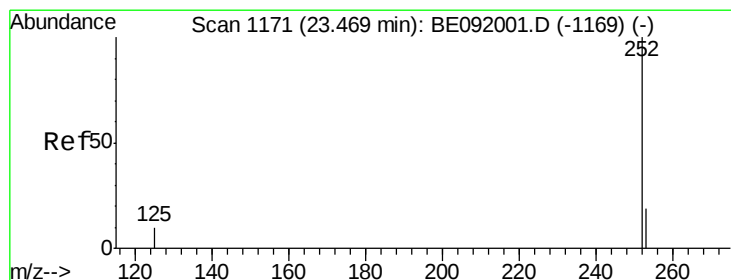
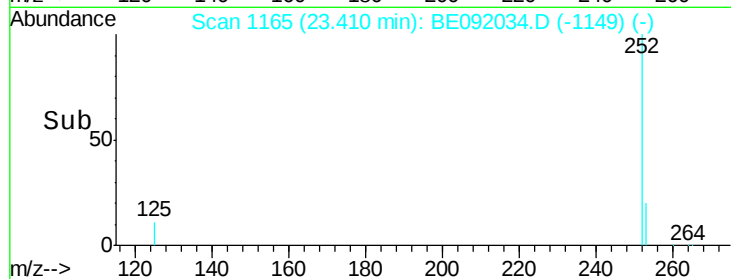
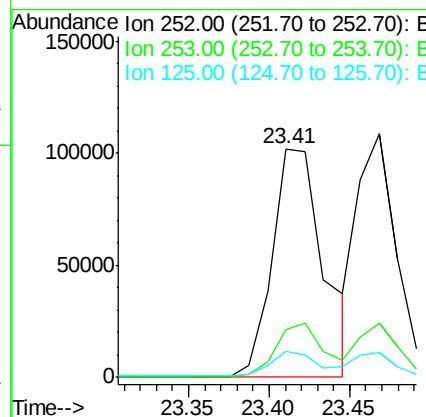
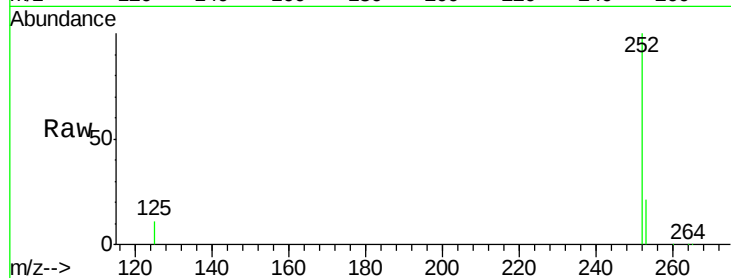
Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

Tgt Ion:	252	Resp:	226826
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.8	26.6
125	11.3	9.4	14.2



#42

Benzo(k)fluoranthene

Concen: 3.64 ng

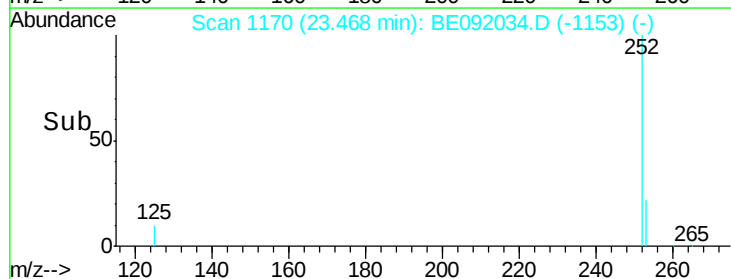
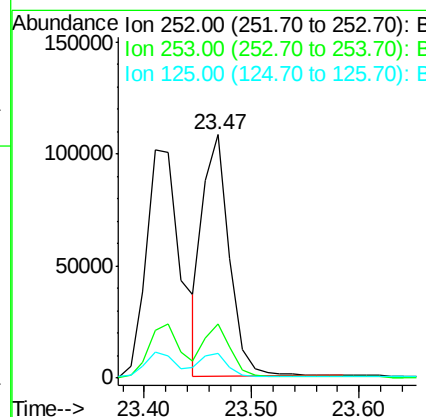
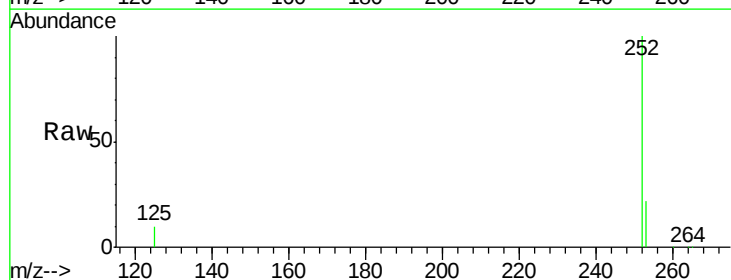
RT: 23.47 min Scan# 1170

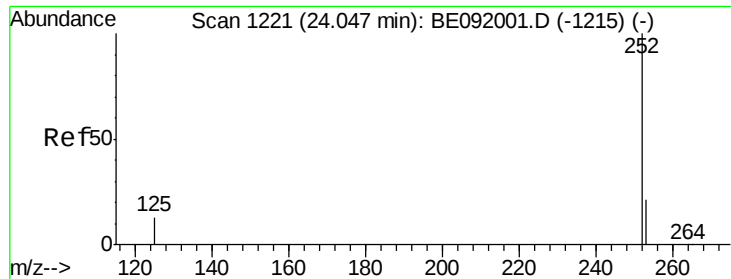
Delta R.T. -0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Tgt Ion:	252	Resp:	186842
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.4	29.2
125	10.2	8.3	12.5





#43

Benzo(a)pyrene

Concen: 4.30 ng

RT: 24.05 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

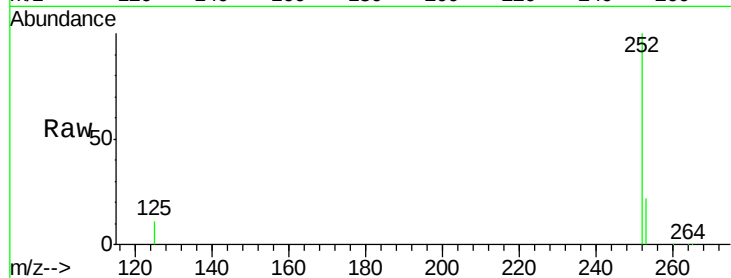
Tgt Ion: 252 Resp: 201690

Ion Ratio Lower Upper

252 100

253 22.5 18.9 28.3

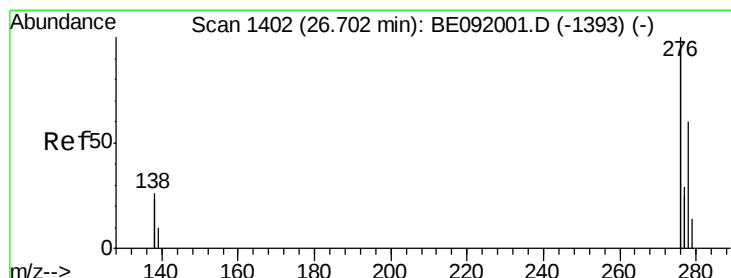
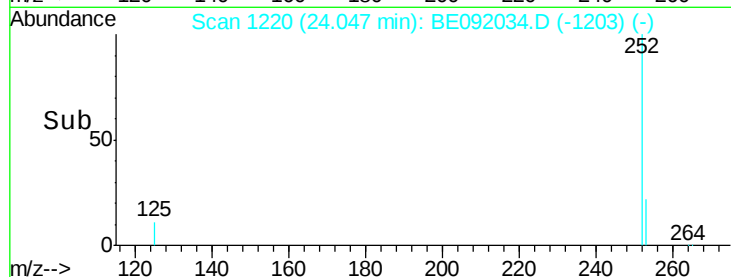
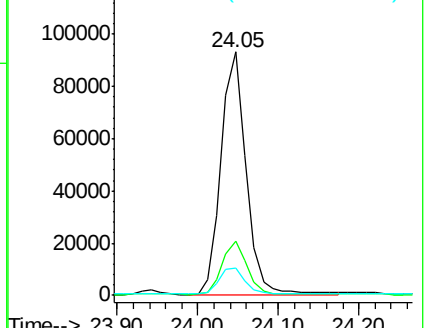
125 11.3 10.5 15.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#44

Dibenzo(a,h)anthracene

Concen: 4.46 ng

RT: 26.68 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

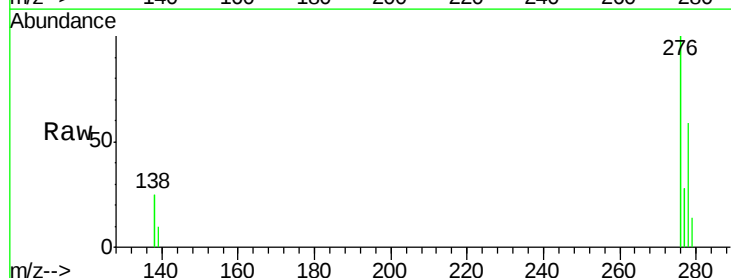
Tgt Ion: 278 Resp: 186477

Ion Ratio Lower Upper

278 100

139 17.6 12.6 18.8

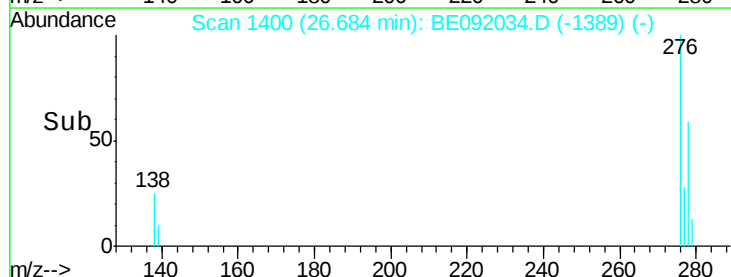
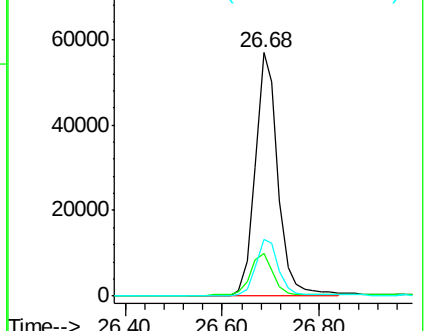
279 23.0 20.0 30.0

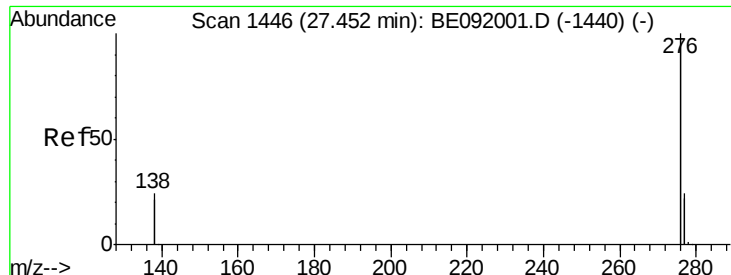


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45

Benzo(g,h,i)perylene

Concen: 4.54 ng

RT: 27.43 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BE092034.D

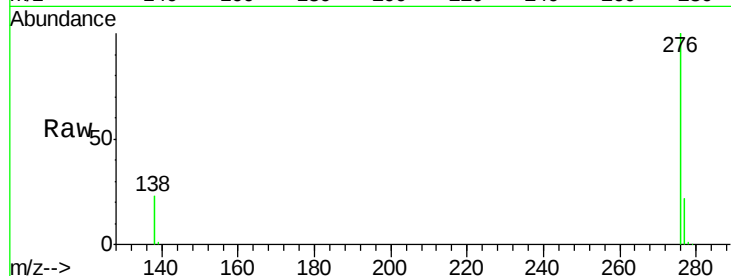
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS



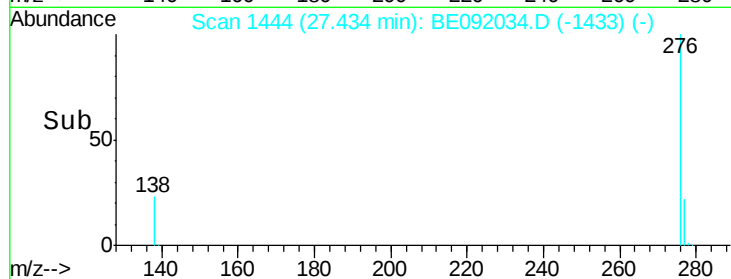
Tgt Ion: 276 Resp: 779159

Ion Ratio Lower Upper

276 100

277 22.4 19.5 29.3

138 23.2 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

