

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092033.D
 Acq On : 23 Jul 2016 8:18
 Operator : UM/SJ
 Sample : H4107-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jul 25 01:47:23 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	31966	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	161408	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	97947	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	217228	5.00	ng	0.00
31) Chrysene-d12	21.76	240	246328	5.00	ng	0.00
40) Perylene-d12	24.15	264	214620	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.72	112	44678	7.21	ng	0.00
5) Phenol-d6	7.35	99	71366	6.50	ng	-0.02
9) Nitrobenzene-d5	9.37	82	38353	3.95	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	18105	5.39	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	96746	3.76	ng	-0.01
34) Terphenyl-d14	20.20	244	113817	4.60	ng	-0.02

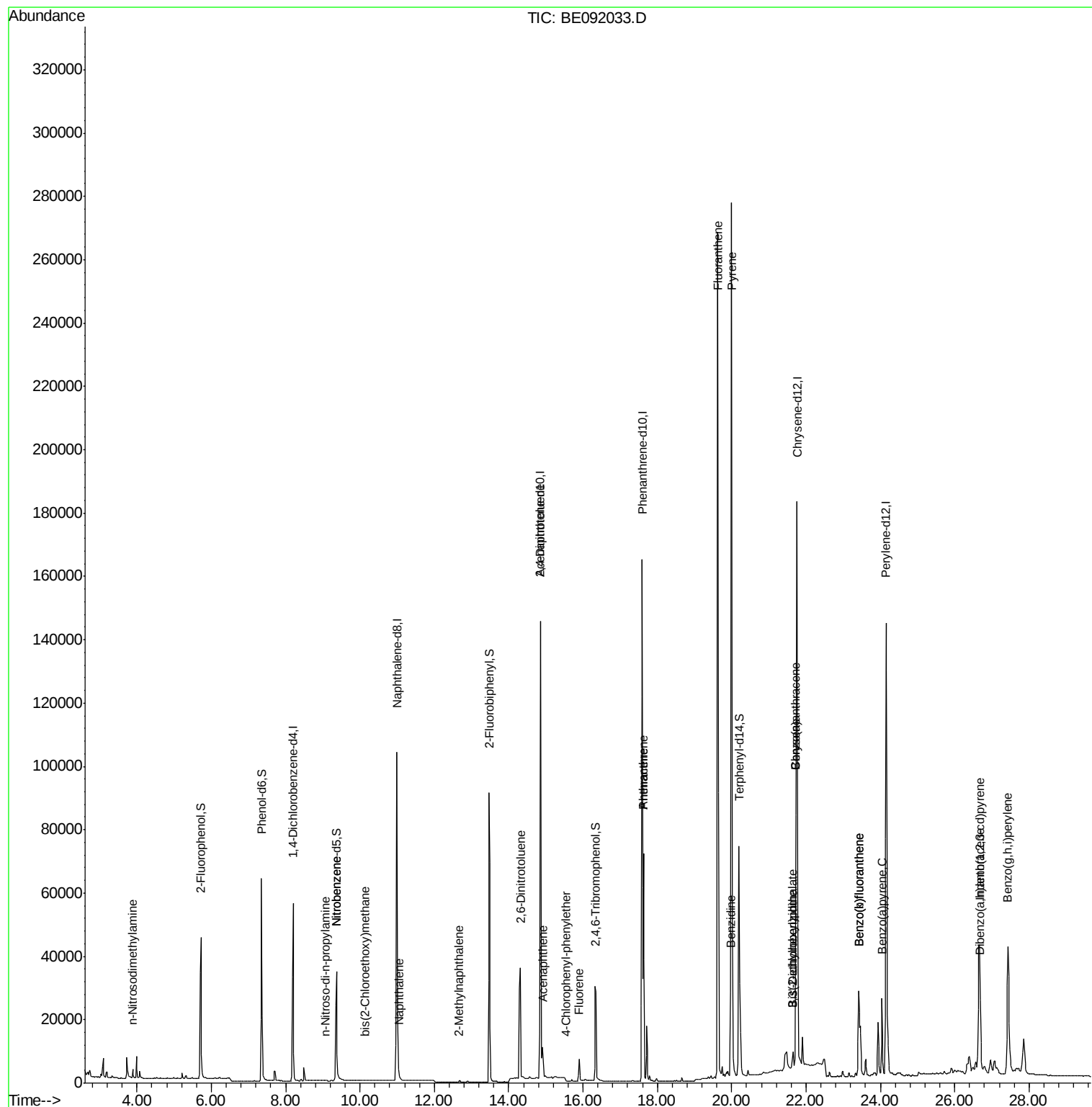
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.88	42	152	0.11	ng	# 1
7) n-Nitroso-di-n-propylamine	9.08	70	195	0.02	ng	# 19
10) Nitrobenzene	9.37	77	161	0.14	ng	# 66
11) bis(2-Chloroethoxy)methane	10.15	93	933	0.08	ng	# 1
12) Naphthalene	11.04	128	2542	0.07	ng	# 93
14) 2-Methylnaphthalene	12.68	142	534	0.02	ng	# 89
19) 2,6-Dinitrotoluene	14.32	165	23267	0.96	ng	# 10
20) Acenaphthene	14.92	154	3788	0.15	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	56849	2.22	ng	# 1
22) Fluorene	15.90	166	5113	0.17	ng	# 99
23) 4-Chlorophenyl-phenylether	15.55	204	629	0.04	ng	# 1
28) Phenanthrene	17.63	178	74018	1.32	ng	# 99
29) Anthracene	17.63	178	73998	1.45	ng	# 98
30) Fluoranthene	19.63	202	400590	1.79	ng	# 89
32) Benzidine	19.97	184	72	0.19	ng	# 1
33) Pyrene	19.99	202	376663	2.11	ng	# 78
35) Benzo(a)anthracene	21.73	228	124859	2.25	ng	# 97
36) 3,3'-Dichlorobenzidine	21.64	252	512	0.09	ng	# 78
37) Chrysene	21.73	228	125137	1.85	ng	# 91
38) Bis(2-ethylhexyl)phthalate	21.64	149	9118	0.26	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	94752	0.51	ng	# 96
41) Benzo(b)fluoranthene	23.42	252	72479	1.29	ng	# 91
42) Benzo(k)fluoranthene	23.42	252	72479	1.26	ng	# 92
43) Benzo(a)pyrene	24.05	252	39786	0.76	ng	# 97
44) Dibenzo(a,h)anthracene	26.68	278	5337	0.11	ng	# 72
45) Benzo(g,h,i)perylene	27.43	276	100159	0.52	ng	# 98

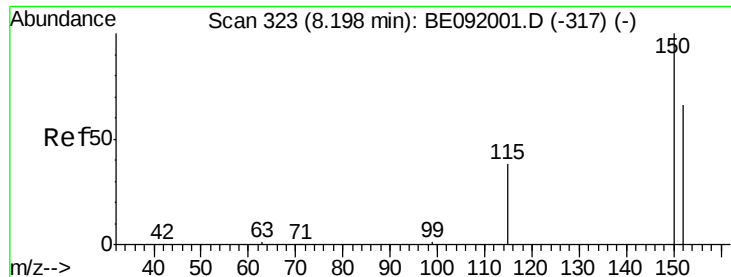
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

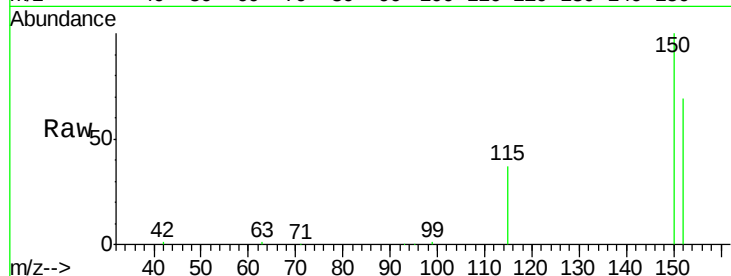
Tgt Ion:152 Resp: 31966

Ion Ratio Lower Upper

152 100

150 144.8 123.9 185.9

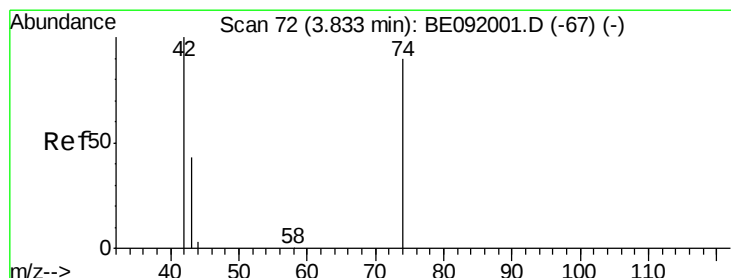
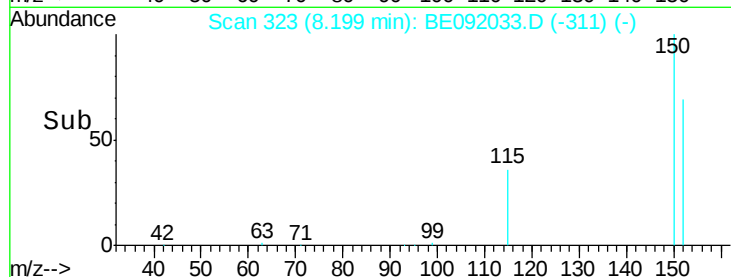
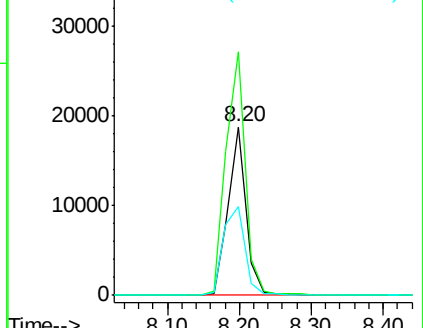
115 53.1 48.3 72.5



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: 0.11 ng

RT: 3.88 min Scan# 75

Delta R.T. 0.05 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

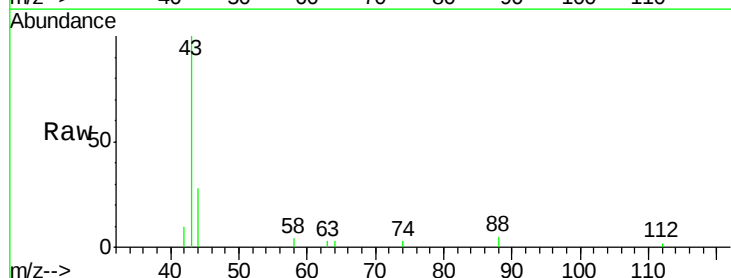
Tgt Ion: 42 Resp: 152

Ion Ratio Lower Upper

42 100

74 0.0 93.4 140.0#

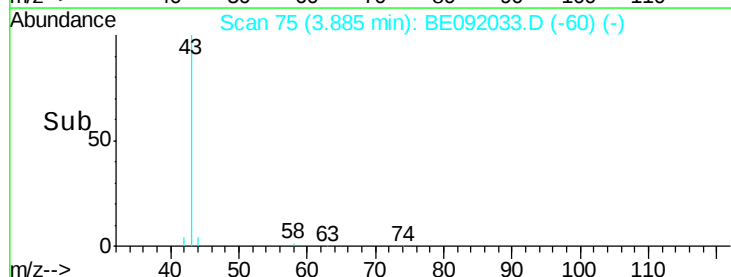
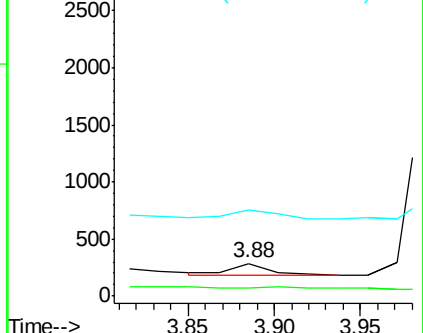
44 121.1 5.0 7.6#

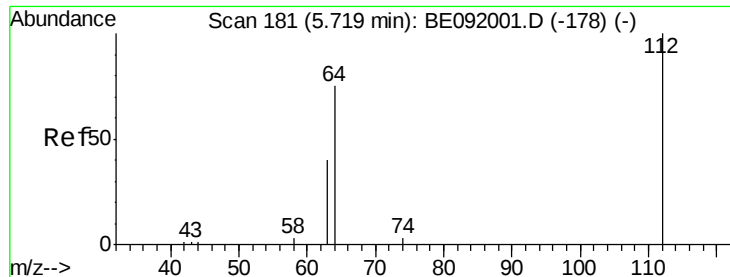


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 7.21 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

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TILCON-MH-SF-004

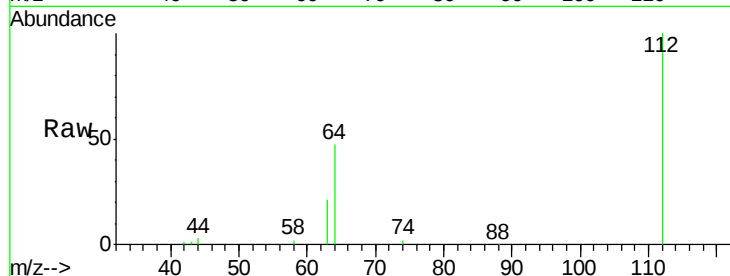
Tgt Ion: 112 Resp: 44678

Ion Ratio Lower Upper

112 100

64 67.5 53.7 80.5

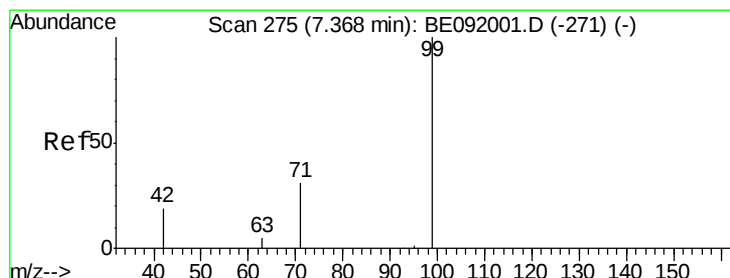
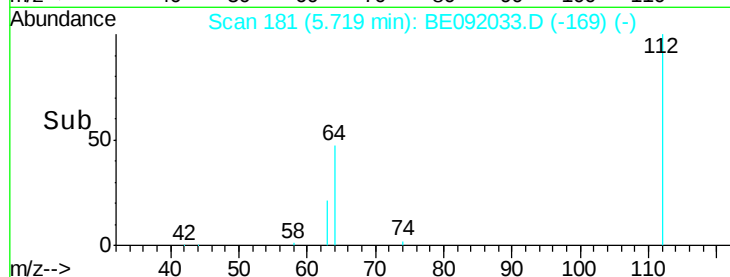
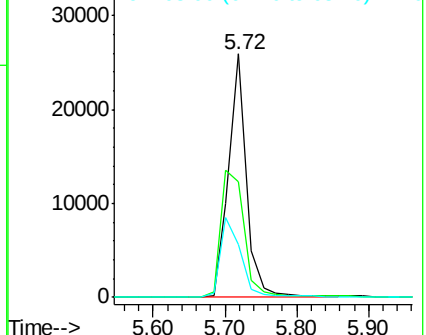
63 36.8 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 6.50 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

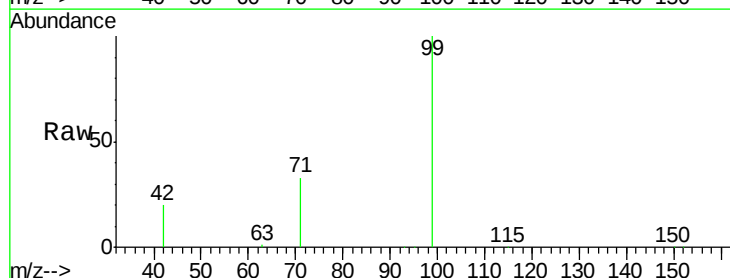
Tgt Ion: 99 Resp: 71366

Ion Ratio Lower Upper

99 100

42 25.4 19.6 29.4

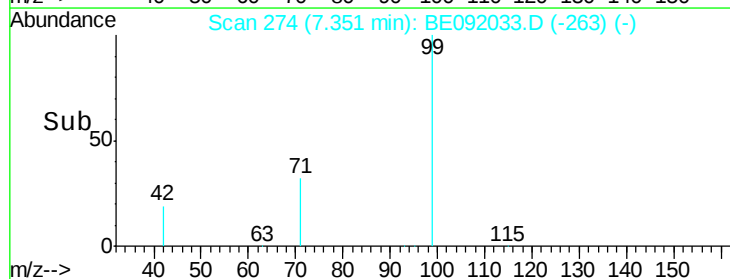
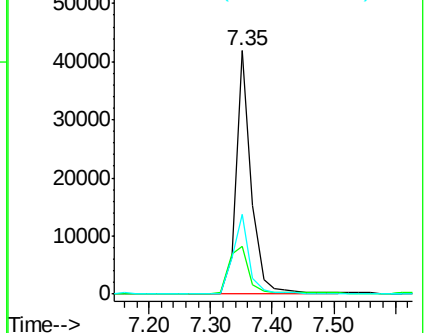
71 35.2 28.1 42.1

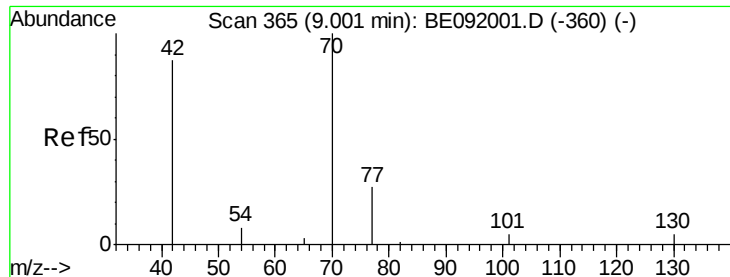


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.02 ng

RT: 9.08 min Scan# 369

Delta R.T. 0.08 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

Tgt Ion: 70 Resp: 195

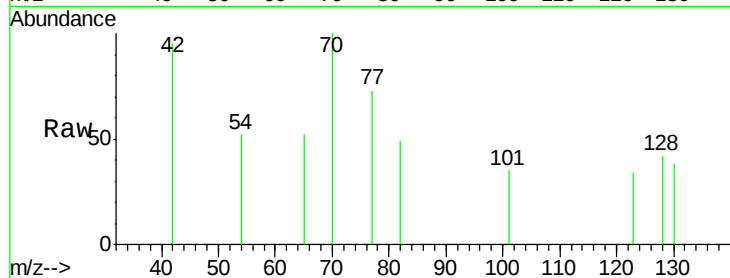
Ion Ratio Lower Upper

70 100

42 0.0 58.4 87.6#

101 0.0 6.4 9.6#

130 0.0 0.0 0.0

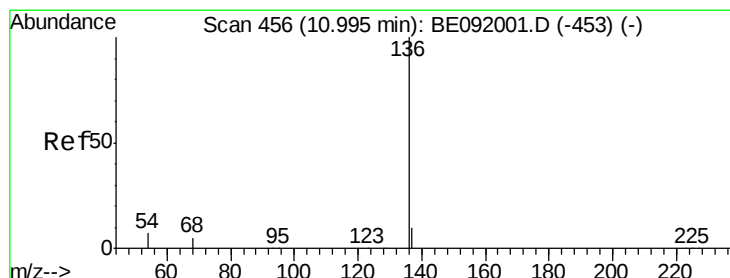
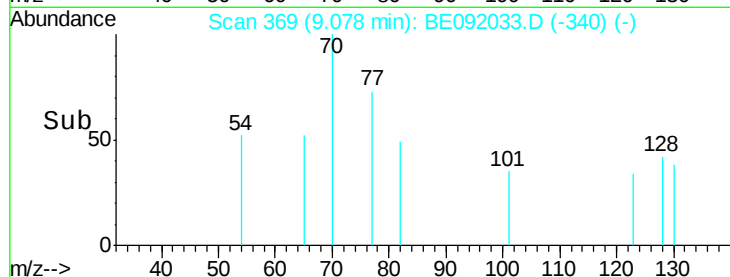
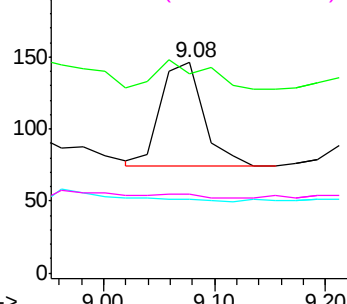


Abundance Ion 70.00 (69.70 to 70.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Tgt Ion: 136 Resp: 161408

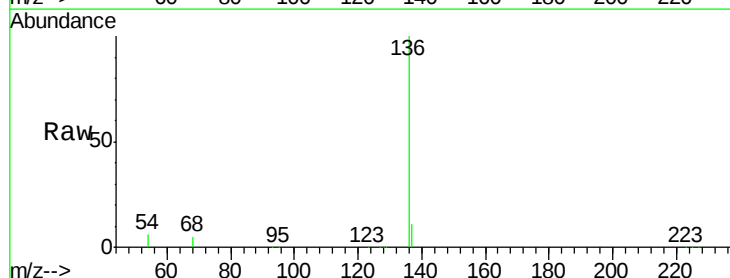
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 6.0 8.2 12.4#

68 4.6 5.9 8.9#

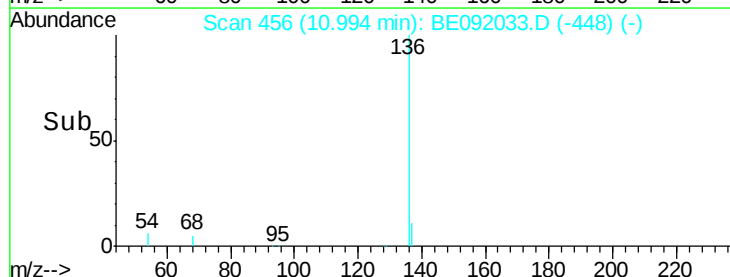
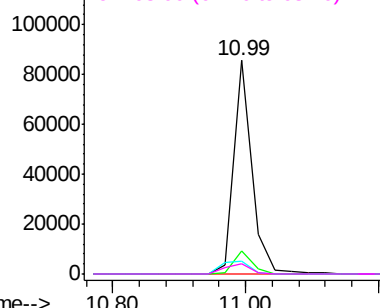


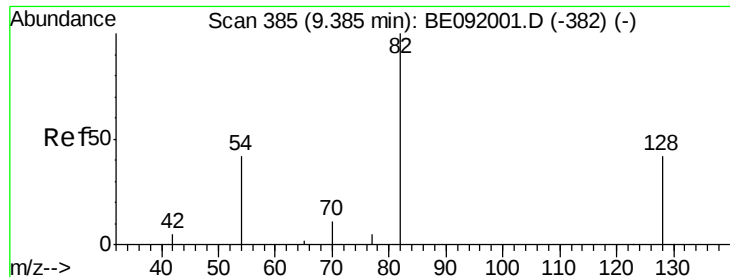
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.95 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

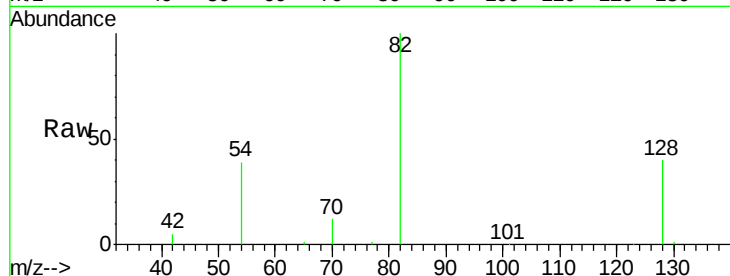
Tgt Ion: 82 Resp: 38353

Ion Ratio Lower Upper

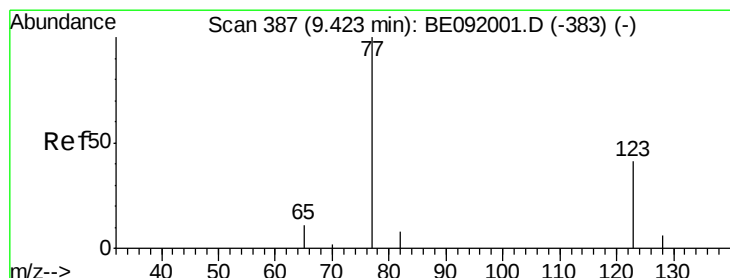
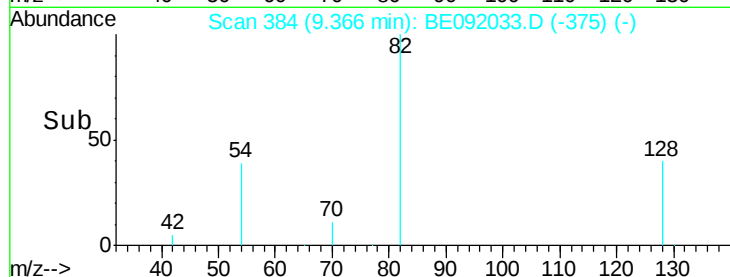
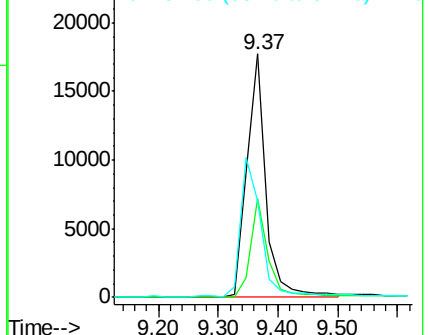
82 100

128 40.4 39.5 59.3

54 39.5 30.3 45.5



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



#10

Nitrobenzene

Concen: 0.14 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.06 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

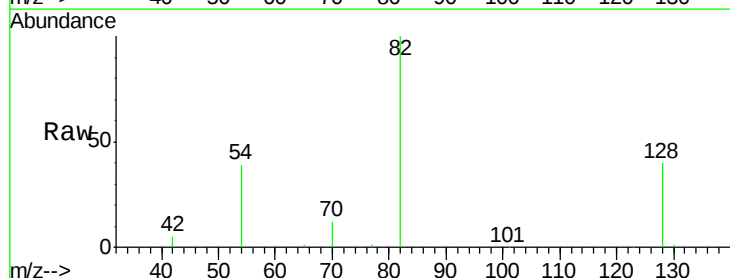
Tgt Ion: 77 Resp: 161

Ion Ratio Lower Upper

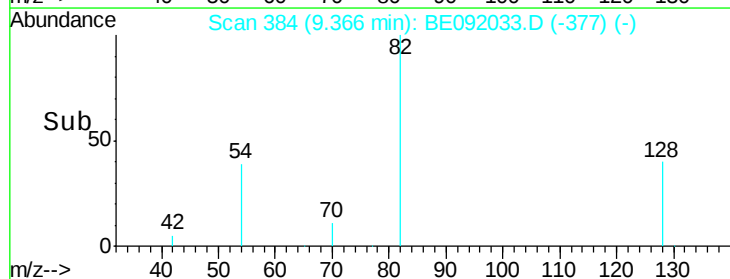
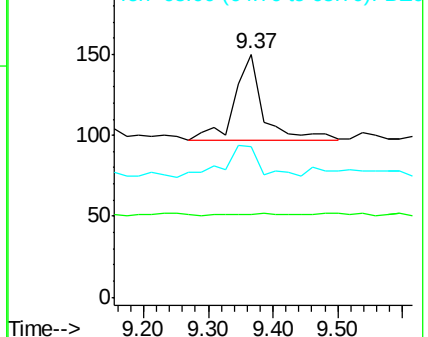
77 100

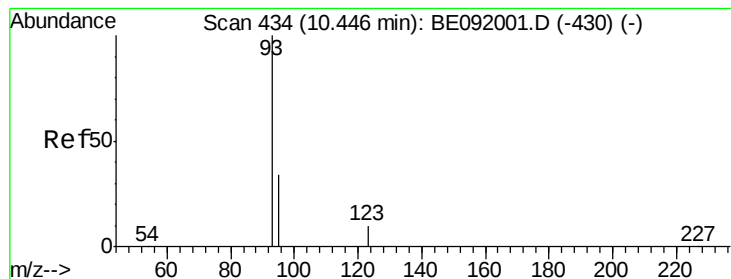
123 5.6 0.0 0.0#

65 0.0 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#11

bis(2-Chloroethoxy)methane

Concen: 0.08 ng

RT: 10.15 min Scan# 422

Delta R.T. -0.30 min

Lab File: BE092033.D

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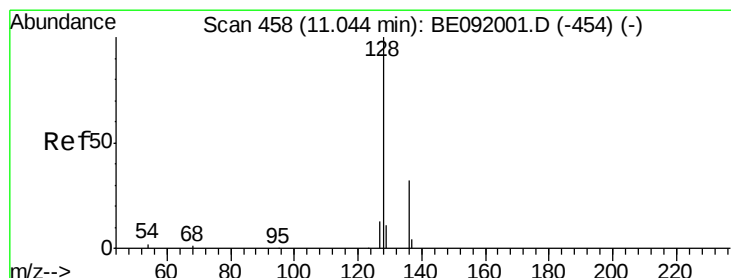
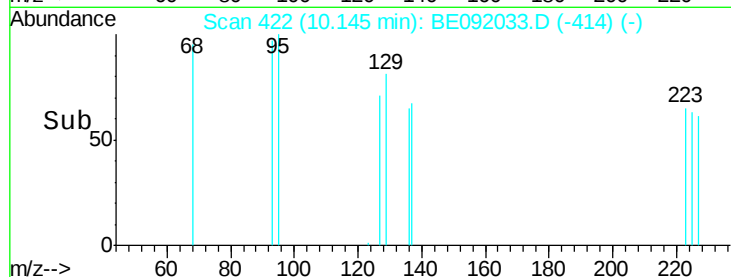
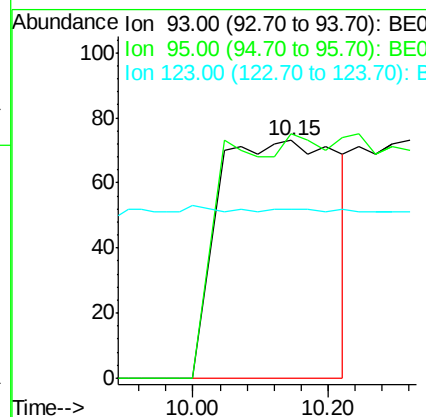
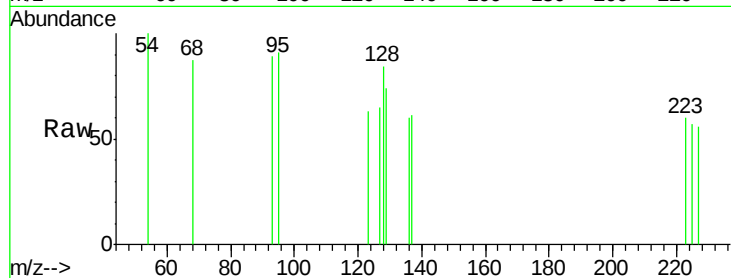
Tgt Ion: 93 Resp: 933

Ion Ratio Lower Upper

93 100

95 0.0 57.6 86.4#

123 0.0 100.2 150.4#



#12

Naphthalene

Concen: 0.07 ng

RT: 11.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

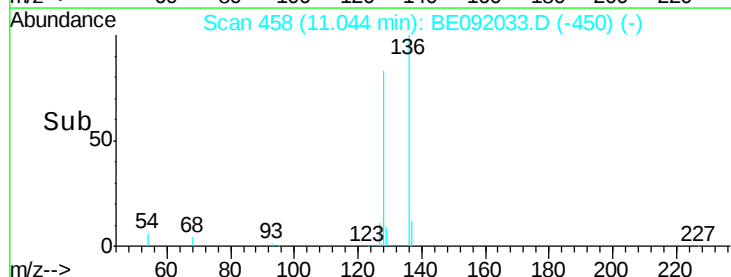
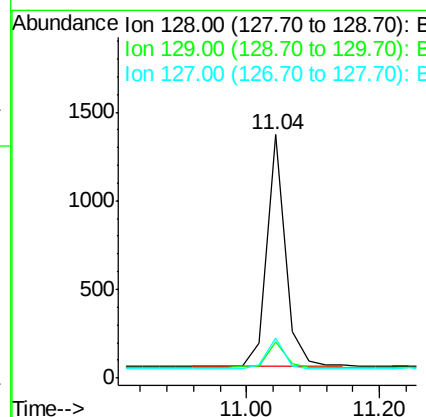
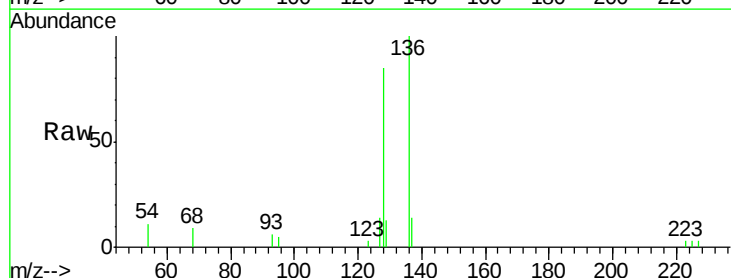
Tgt Ion: 128 Resp: 2542

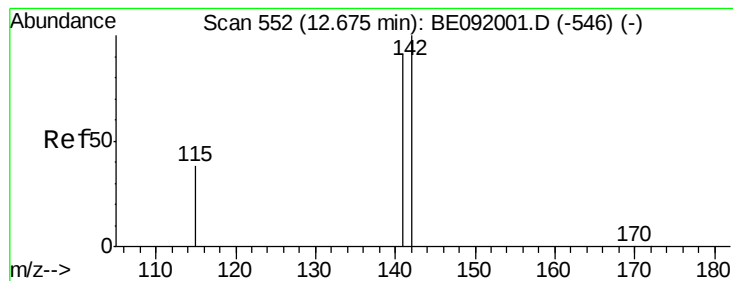
Ion Ratio Lower Upper

128 100

129 14.8 10.4 15.6

127 16.2 10.2 15.2#





#14

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.68 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

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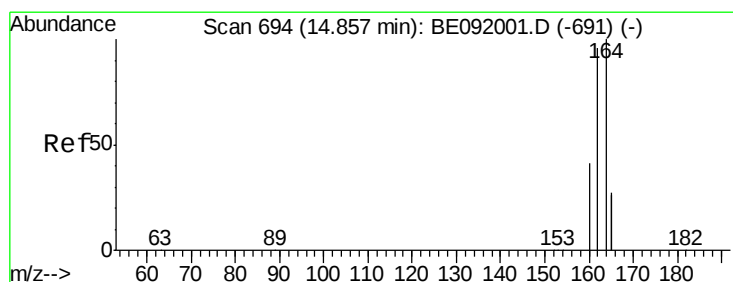
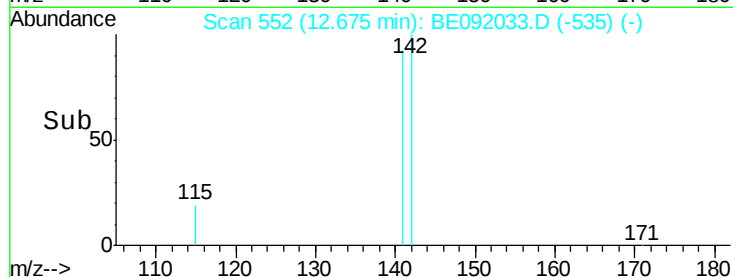
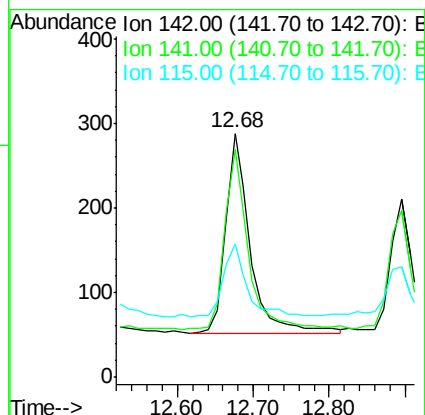
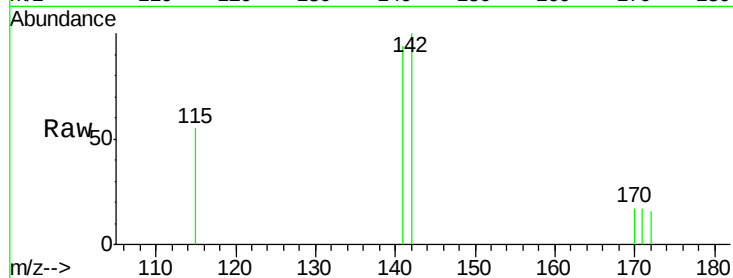
Tgt Ion:142 Resp: 534

Ion Ratio Lower Upper

142 100

141 93.8 71.9 107.9

115 54.5 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: BE092033.D

Acq: 23 Jul 2016 8:18

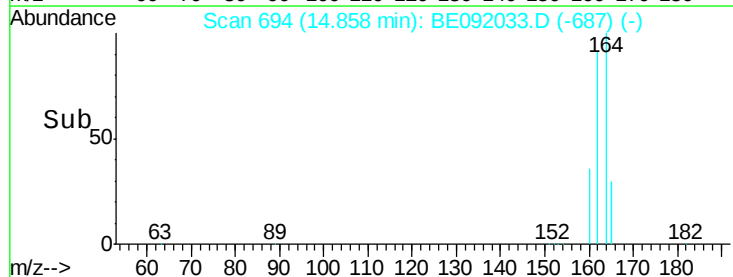
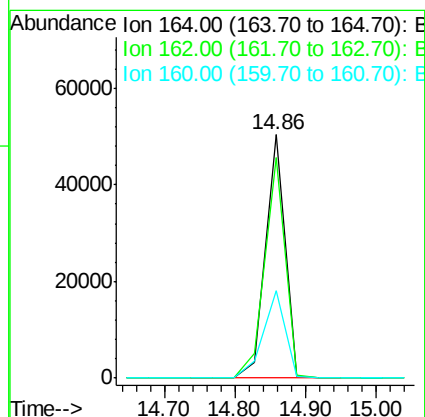
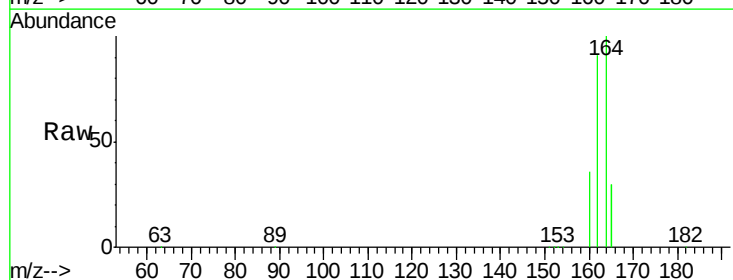
Tgt Ion:164 Resp: 97947

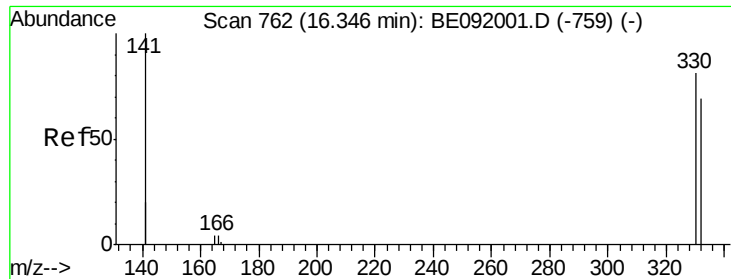
Ion Ratio Lower Upper

164 100

162 90.7 71.8 107.8

160 36.0 28.0 42.0

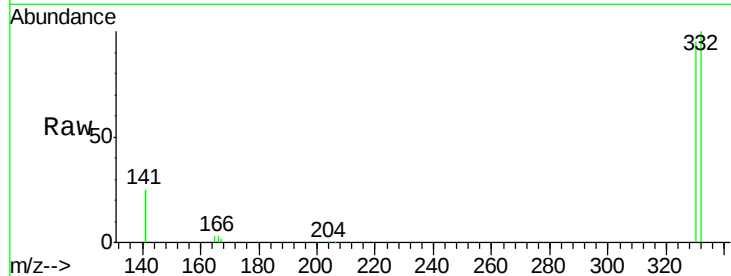




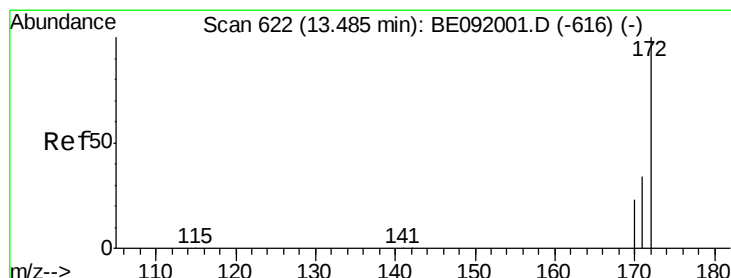
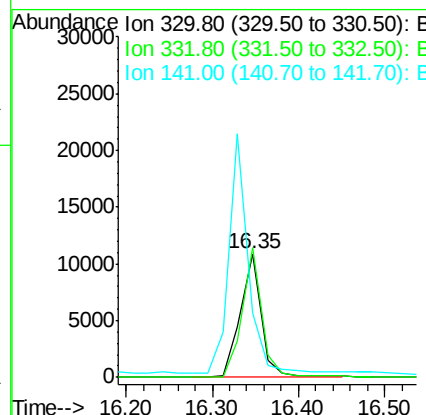
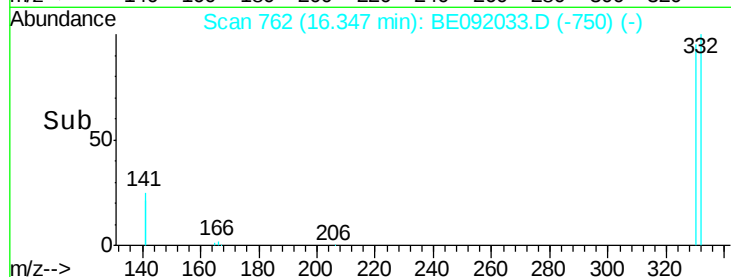
#16
 2,4,6-Tribromophenol
 Concen: 5.39 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE092033.D
 Acq: 23 Jul 2016 8:18

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

Tgt Ion:330 Resp: 18105
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 181.6 138.4 207.6

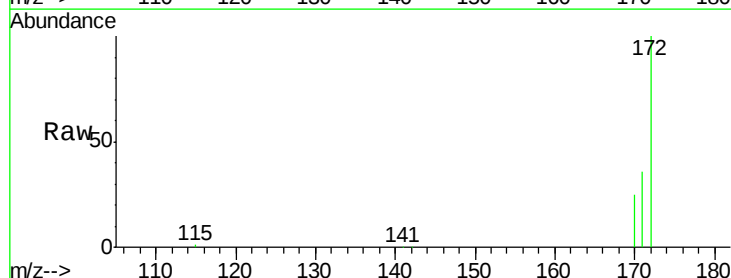


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

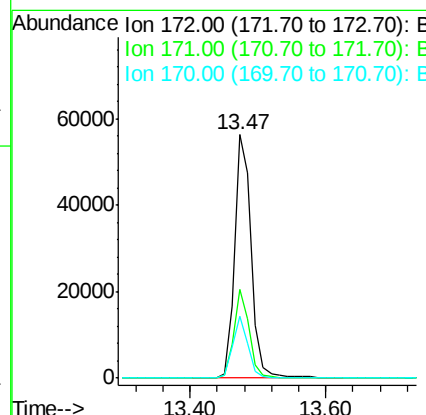
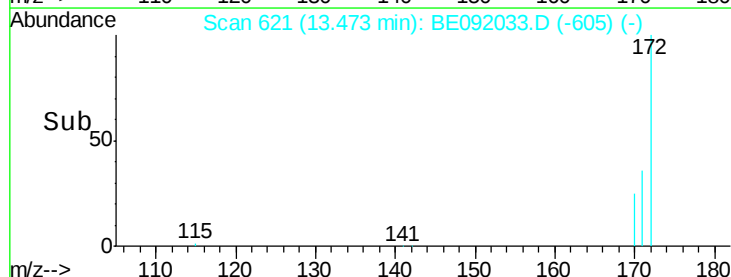


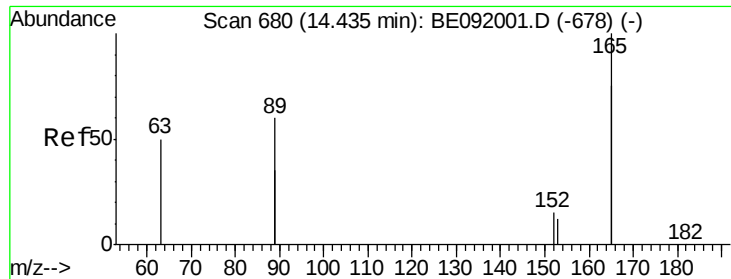
#17
 2-Fluorobiphenyl
 Concen: 3.76 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092033.D
 Acq: 23 Jul 2016 8:18

Tgt Ion:172 Resp: 96746
 Ion Ratio Lower Upper
 172 100
 171 36.4 24.3 36.5
 170 25.4 14.9 22.3#



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

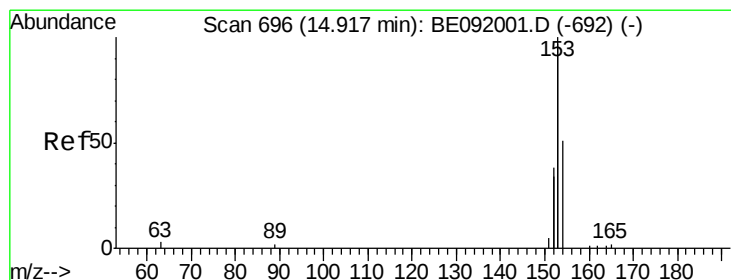
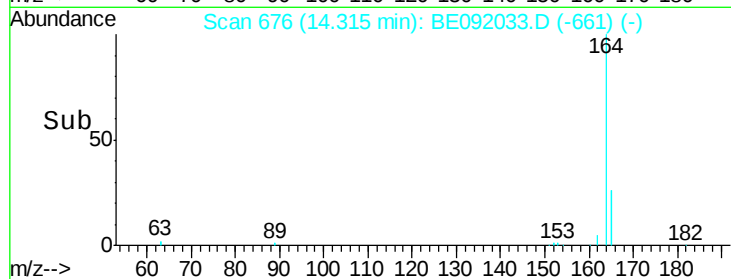
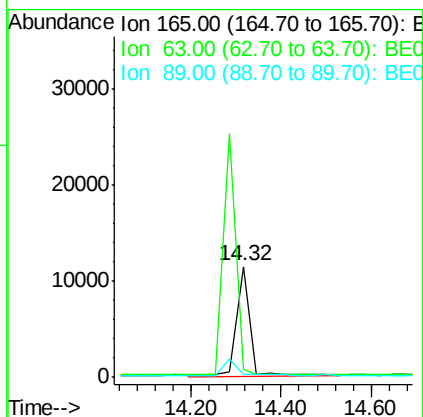
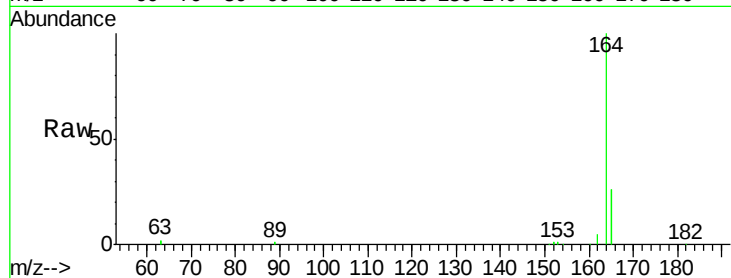




#19
2,6-Dinitrotoluene
Concen: 0.96 ng
RT: 14.32 min Scan# 676
Delta R.T. -0.12 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

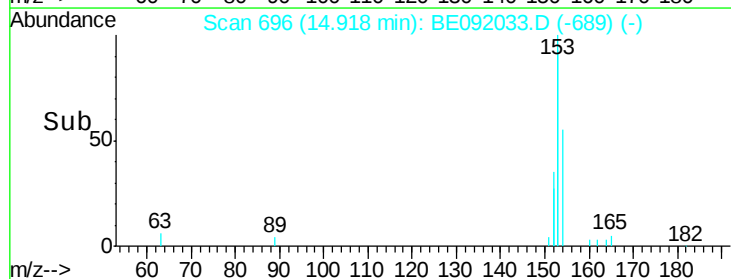
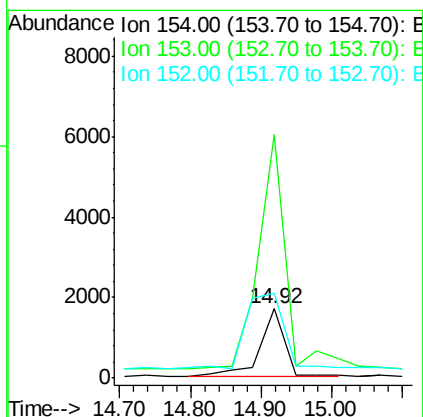
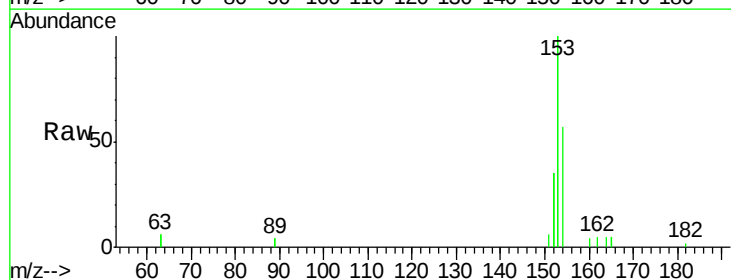
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

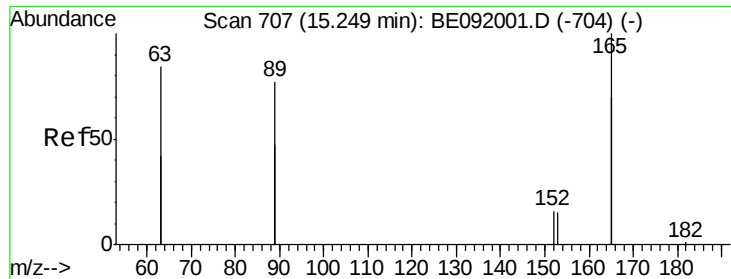
Tgt Ion:165 Resp: 23267
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 0.0 59.1 88.7#



#20
Acenaphthene
Concen: 0.15 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

Tgt Ion:154 Resp: 3788
Ion Ratio Lower Upper
154 100
153 405.6 88.1 132.1#
152 182.5 44.2 66.2#

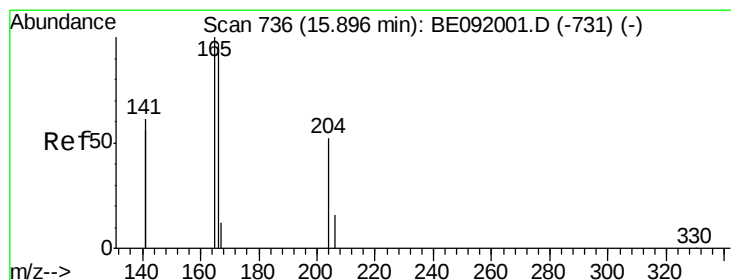
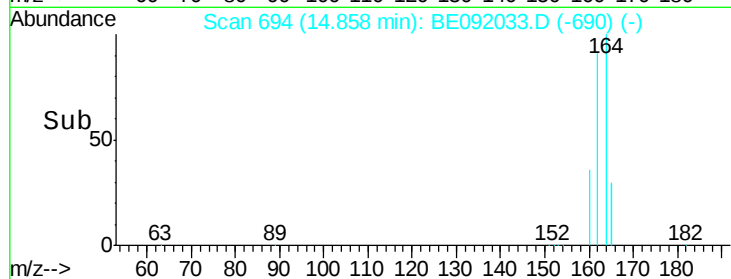
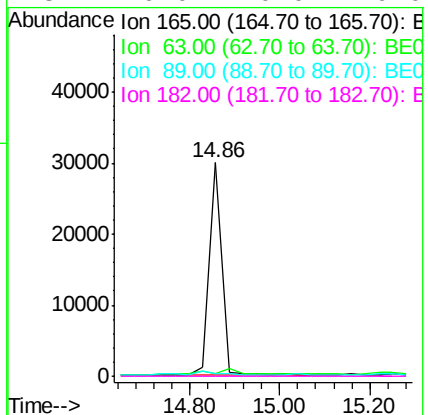
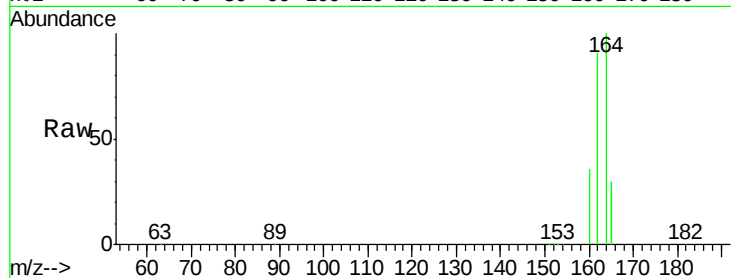




#21
2,4-Dinitrotoluene
Concen: 2.22 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.39 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

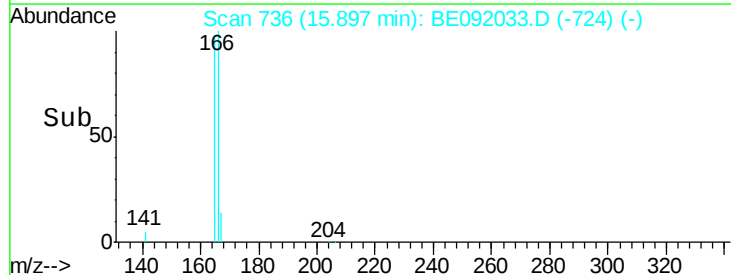
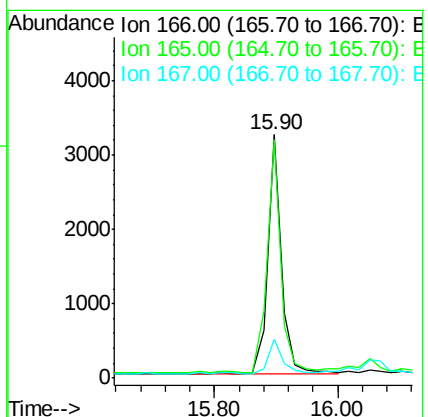
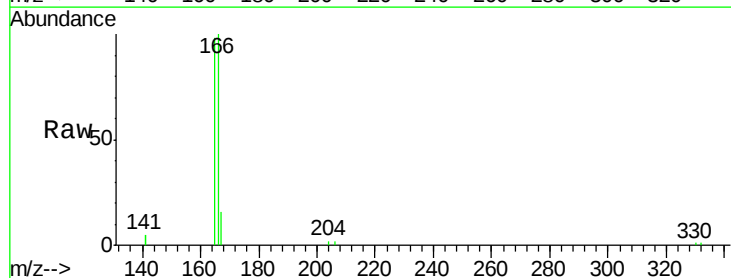
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

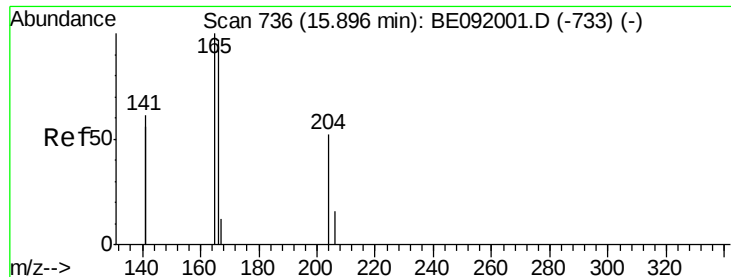
Tgt Ion:165 Resp: 56849
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0



#22
Fluorene
Concen: 0.17 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

Tgt Ion:166 Resp: 5113
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 16.5 10.8 16.2#

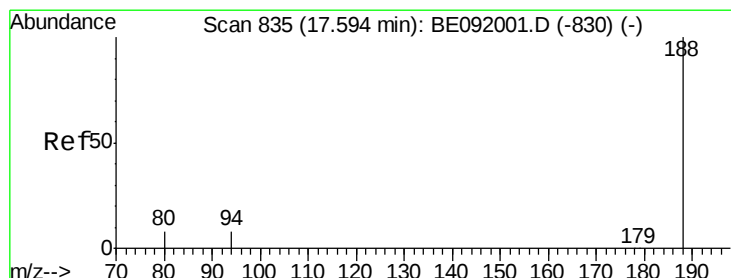
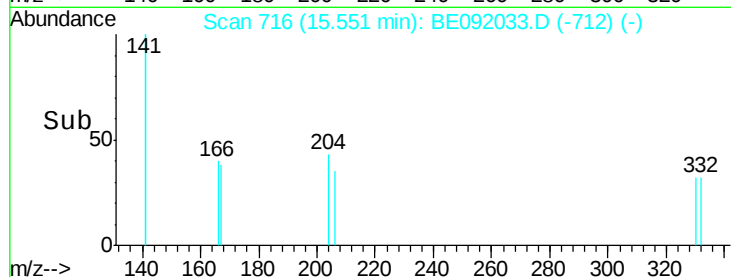
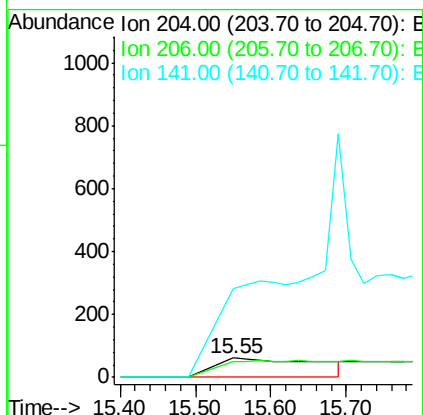
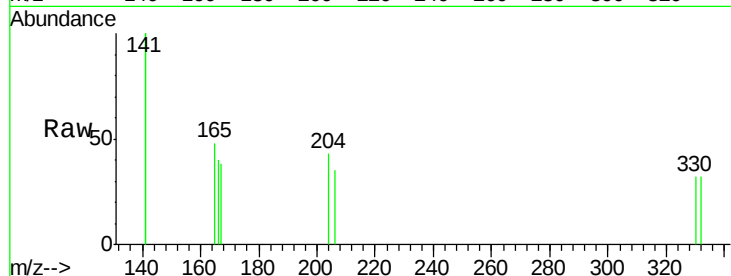




#23
4-Chlorophenyl-phenylether
Concen: 0.04 ng
RT: 15.55 min Scan# 716
Delta R.T. -0.35 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

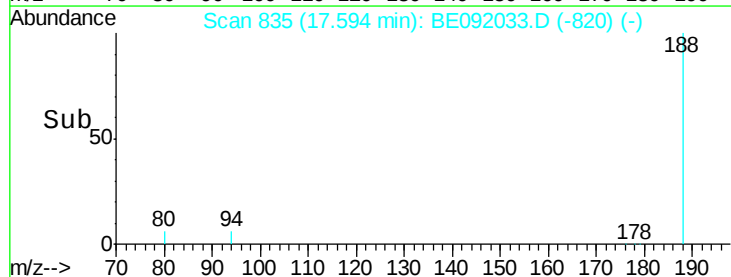
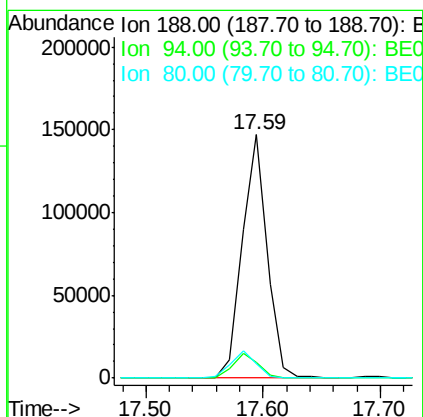
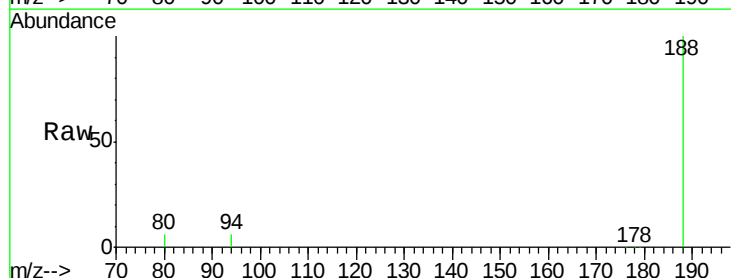
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

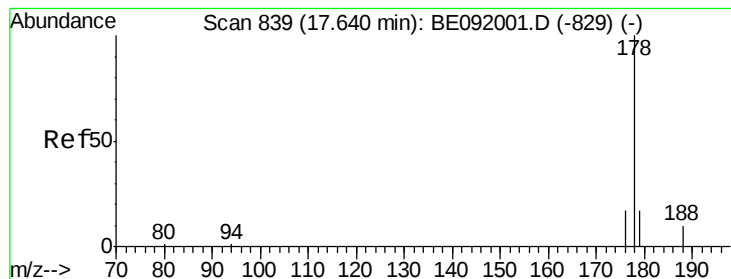
Tgt Ion: 204 Resp: 629
Ion Ratio Lower Upper
204 100
206 0.0 27.8 41.6#
141 0.0 197.6 296.4#



#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

Tgt Ion: 188 Resp: 217228
Ion Ratio Lower Upper
188 100
94 6.4 4.1 6.1#
80 5.7 3.4 5.2#





#28

Phenanthrene

Concen: 1.32 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

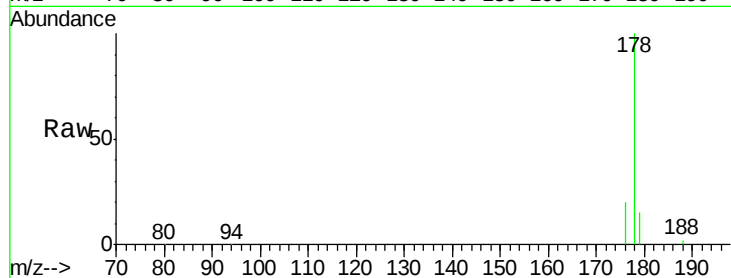
Tgt Ion:178 Resp: 74018

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

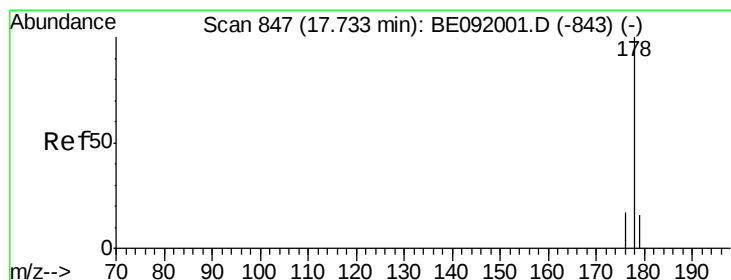
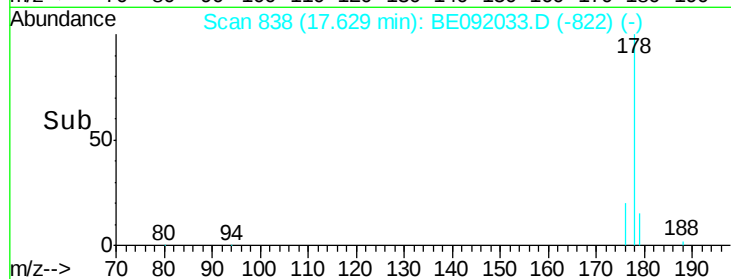
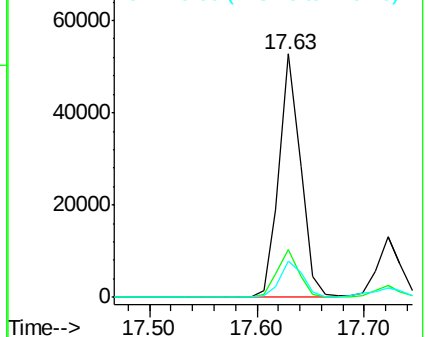
179 15.8 12.9 19.3



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: 1.45 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.10 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

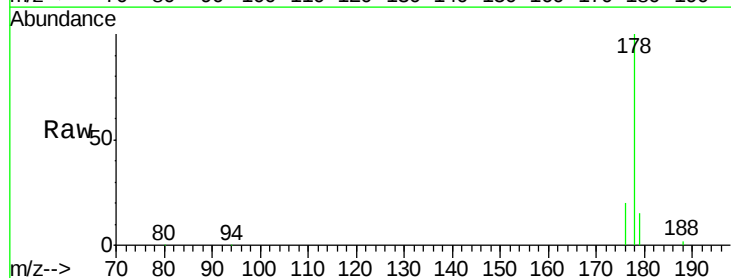
Tgt Ion:178 Resp: 73998

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

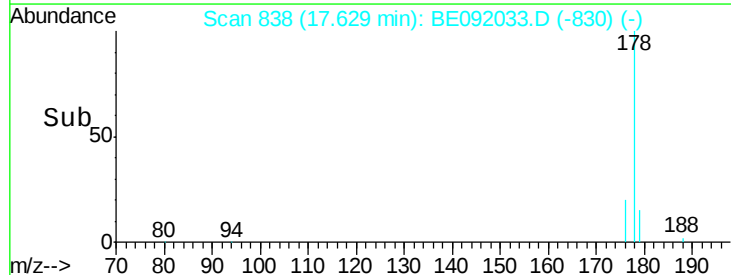
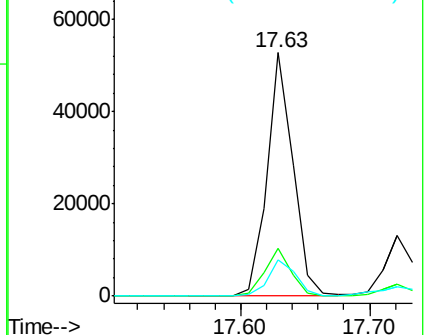
179 15.8 12.1 18.1

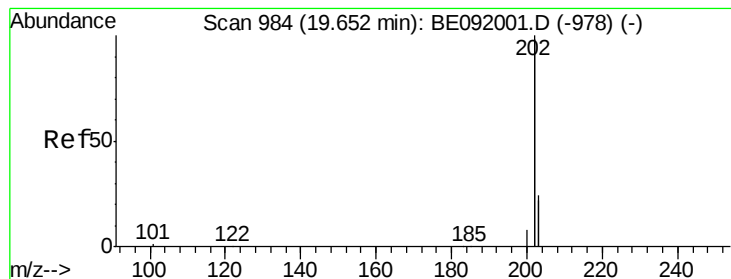


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#30

Fluoranthene

Concen: 1.79 ng

RT: 19.63 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

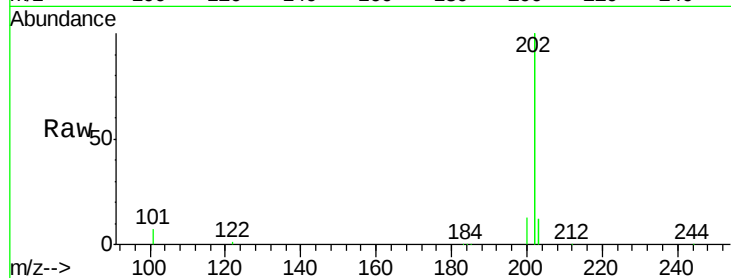
Tgt Ion: 202 Resp: 400590

Ion Ratio Lower Upper

202 100

101 2.9 9.4 14.0#

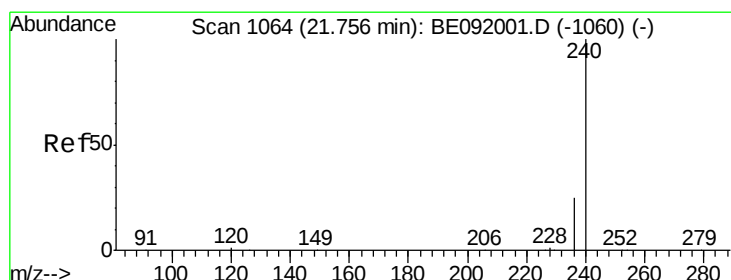
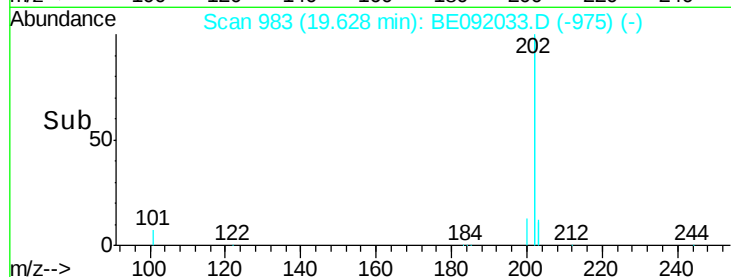
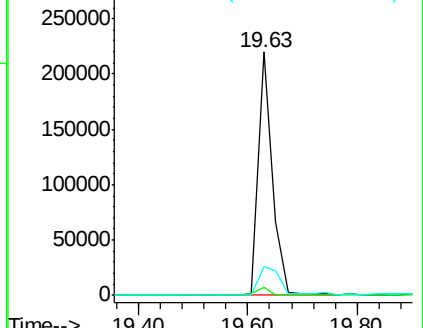
203 16.4 14.3 21.5



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: BE092033.D

Acq: 23 Jul 2016 8:18

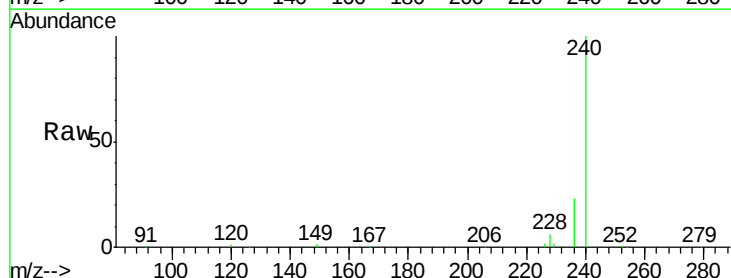
Tgt Ion: 240 Resp: 246328

Ion Ratio Lower Upper

240 100

120 0.6 1.2 1.8#

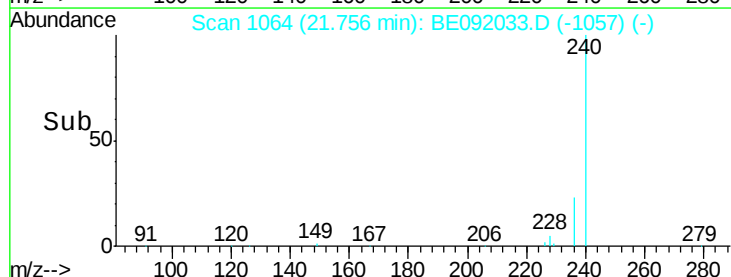
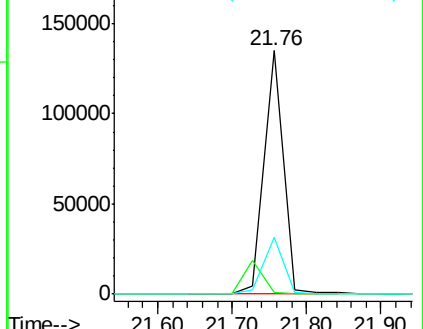
236 23.2 19.8 29.8

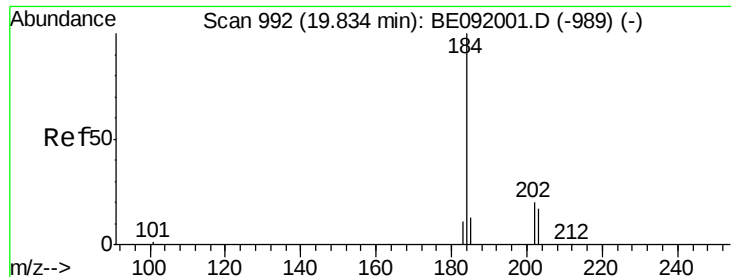


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#32

Benzidine

Concen: 0.19 ng

RT: 19.97 min Scan# 998

Delta R.T. 0.14 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

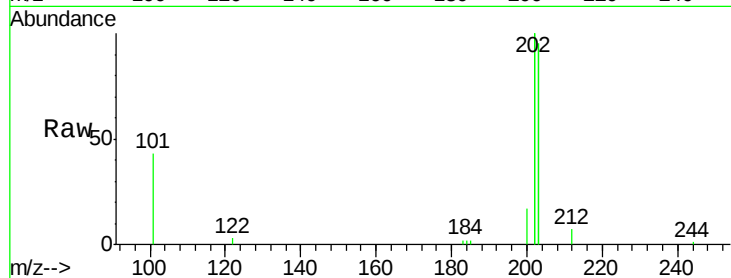
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

185 132.7 11.4 17.2#

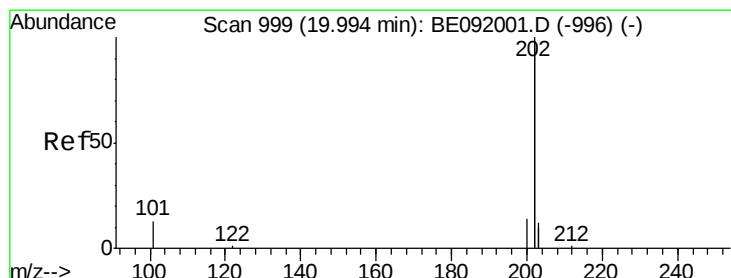
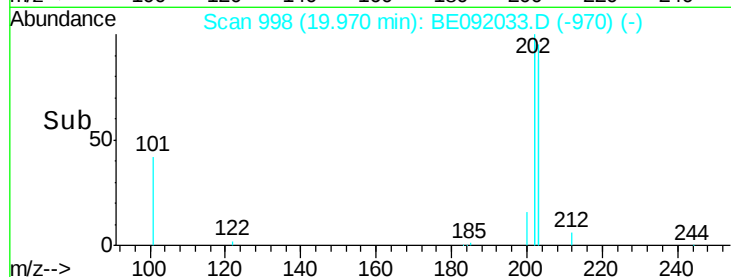
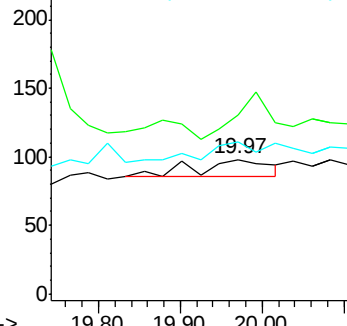
183 113.3 11.8 17.6#



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: 2.11 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

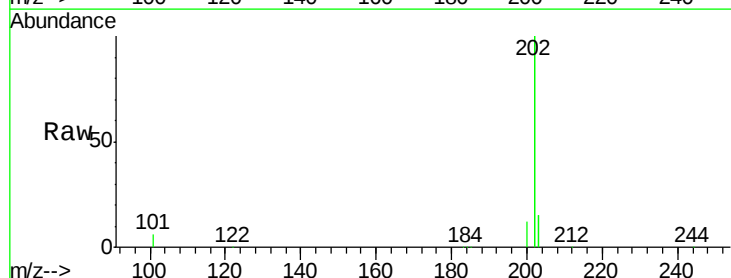
Tgt Ion:202 Resp: 376663

Ion Ratio Lower Upper

202 100

200 5.7 16.9 25.3#

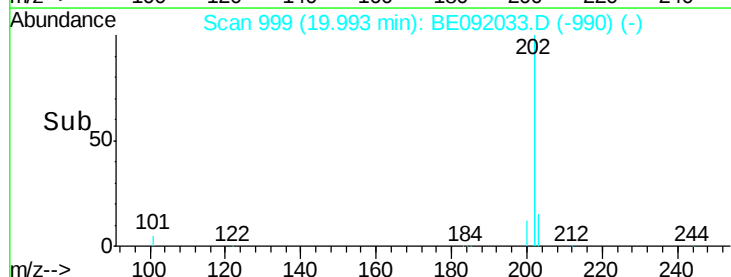
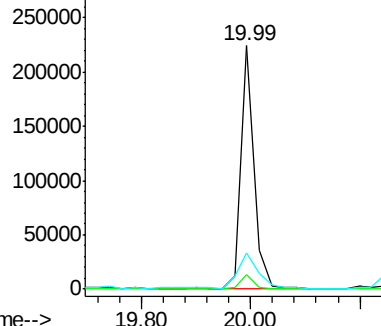
203 21.9 14.1 21.1#

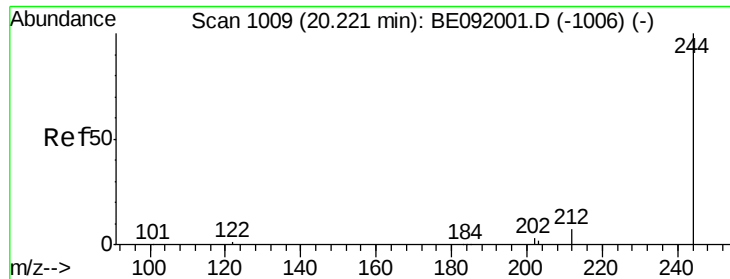


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#34

Terphenyl-d14

Concen: 4.60 ng

RT: 20.20 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

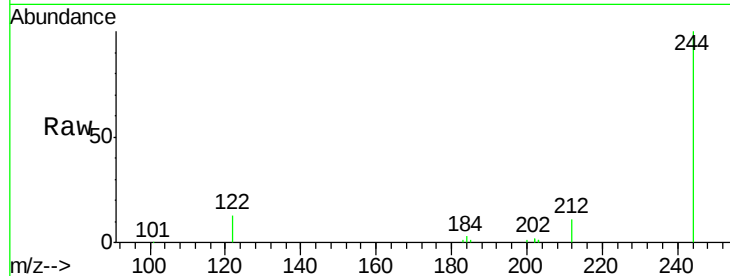
Tgt Ion:244 Resp: 113817

Ion Ratio Lower Upper

244 100

212 10.7 6.5 9.7#

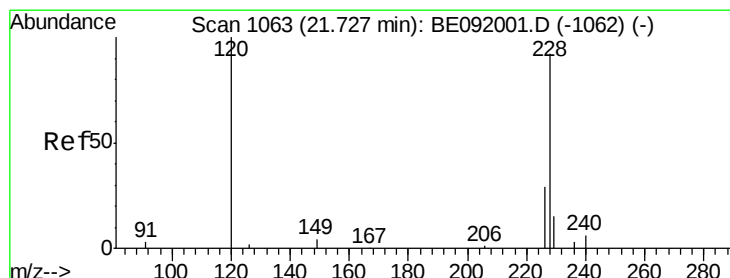
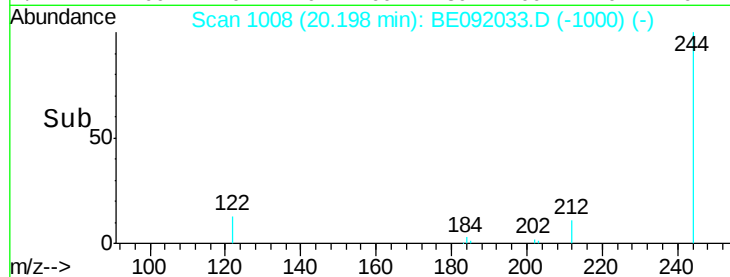
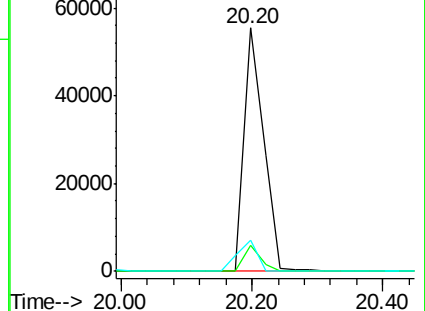
122 12.9 2.9 4.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#35

Benzo(a)anthracene

Concen: 2.25 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

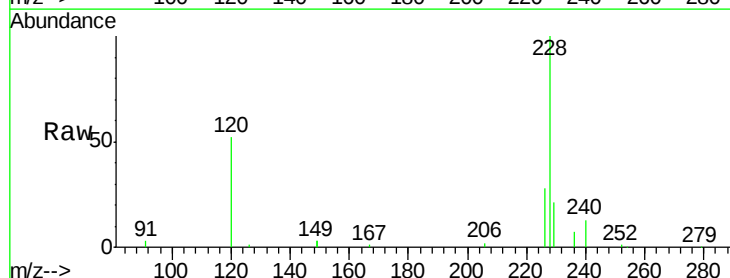
Tgt Ion:228 Resp: 124859

Ion Ratio Lower Upper

228 100

226 28.2 21.0 31.4

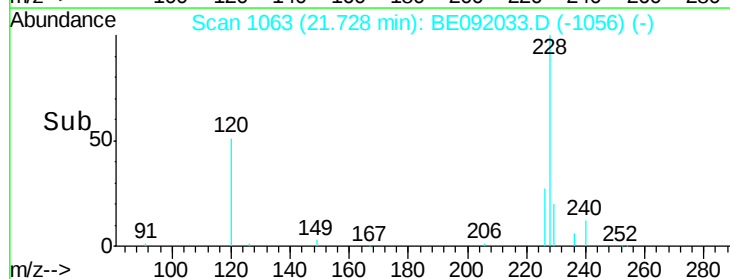
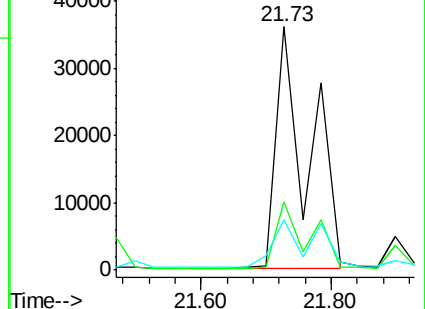
229 20.9 15.8 23.8

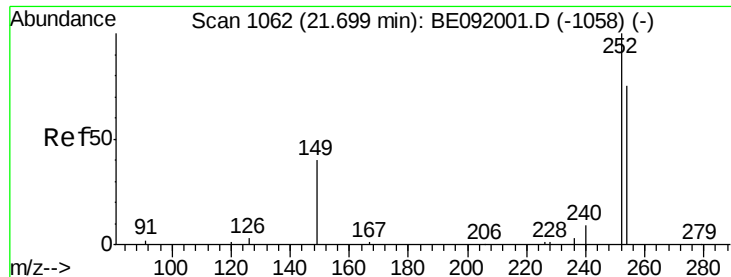


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

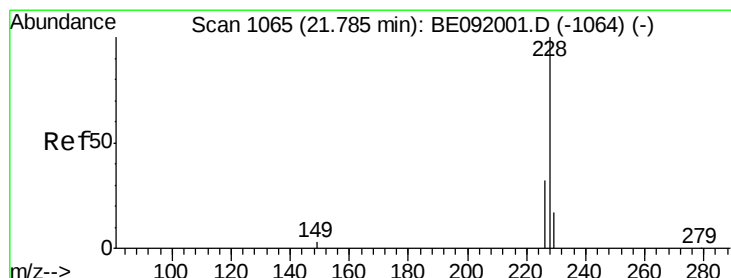
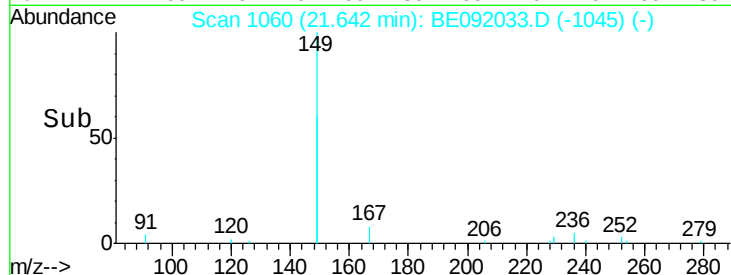
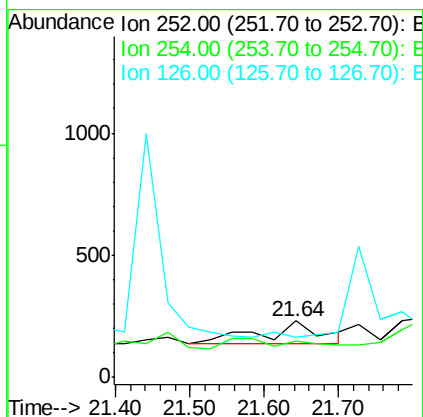
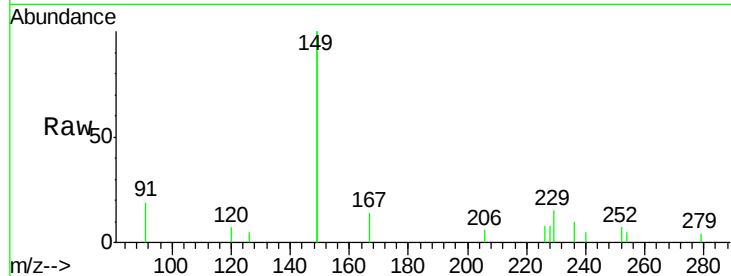




#36
 3,3'-Dichlorobenzidine
 Concen: 0.09 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. -0.06 min
 Lab File: BE092033.D
 Acq: 23 Jul 2016 8:18

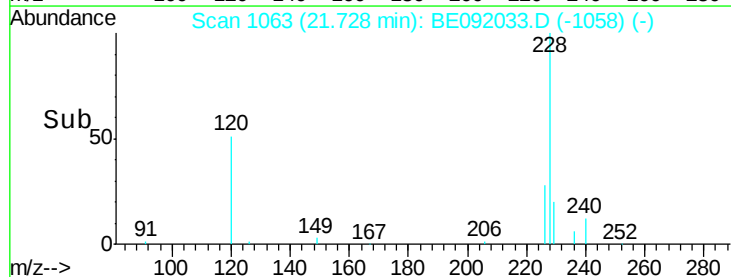
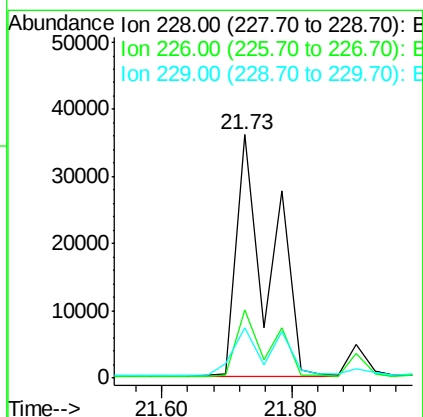
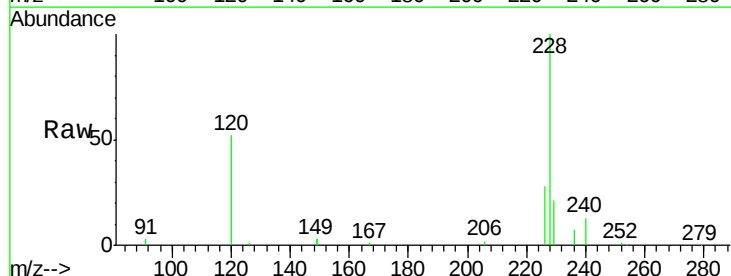
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004

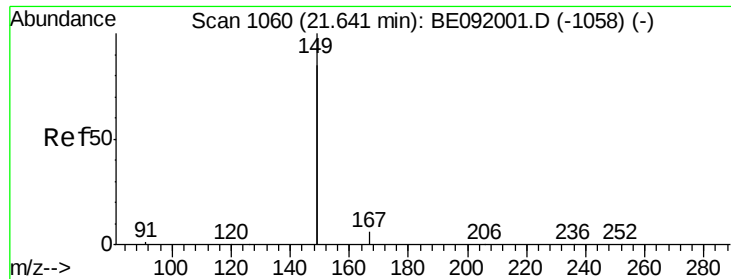
Tgt Ion: 252 Resp: 512
 Ion Ratio Lower Upper
 252 100
 254 63.8 61.5 92.3
 126 69.8 2.5 3.7#



#37
 Chrysene
 Concen: 1.85 ng
 RT: 21.73 min Scan# 1063
 Delta R.T. -0.06 min
 Lab File: BE092033.D
 Acq: 23 Jul 2016 8:18

Tgt Ion: 228 Resp: 125137
 Ion Ratio Lower Upper
 228 100
 226 28.2 27.0 40.6
 229 20.9 13.8 20.8#





#38

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

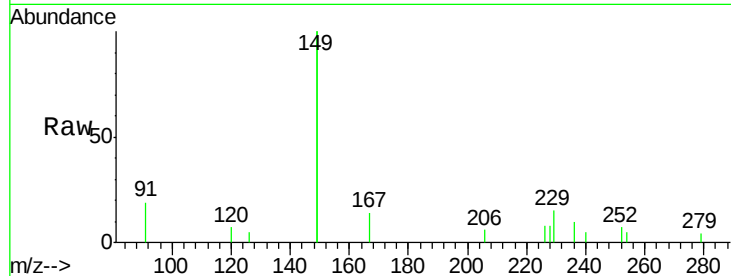
Tgt Ion:149 Resp: 9118

Ion Ratio Lower Upper

149 100

167 4.2 0.0 0.0#

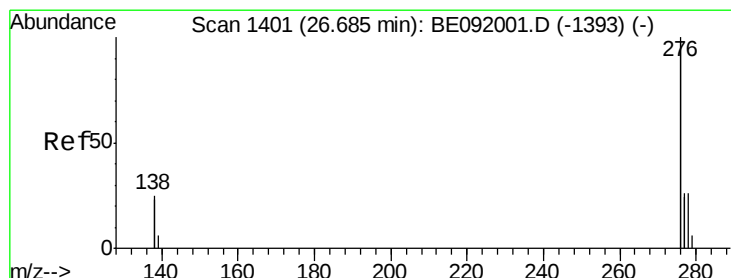
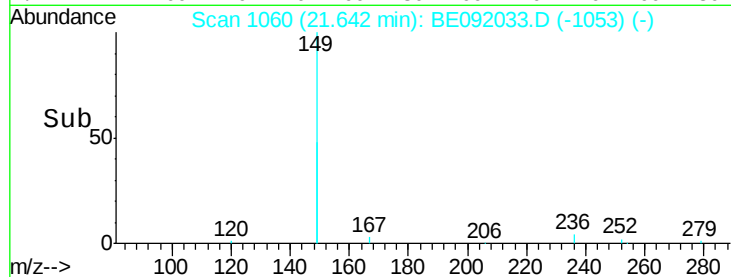
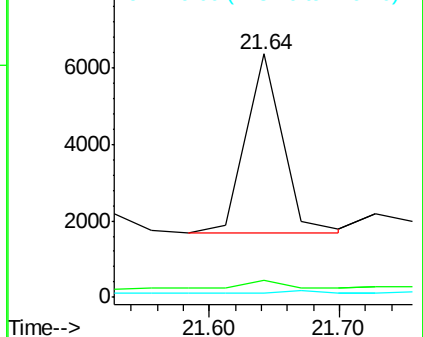
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Indeno(1,2,3-cd)pyrene

Concen: 0.51 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

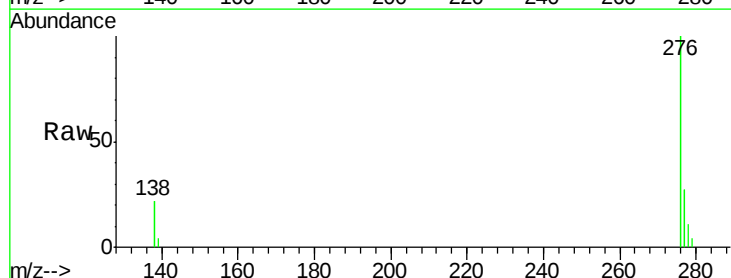
Tgt Ion:276 Resp: 94752

Ion Ratio Lower Upper

276 100

138 22.2 19.7 29.5

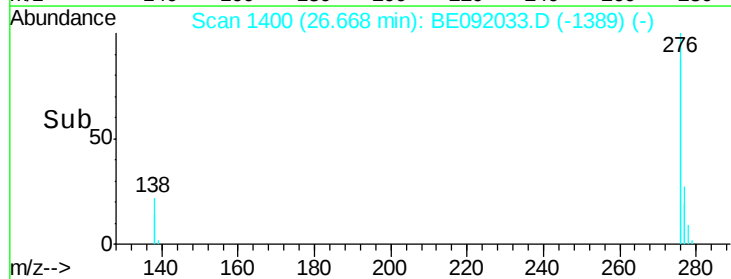
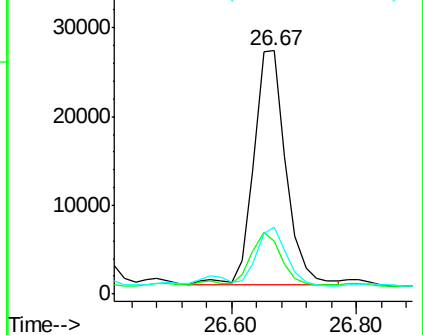
277 23.1 20.1 30.1

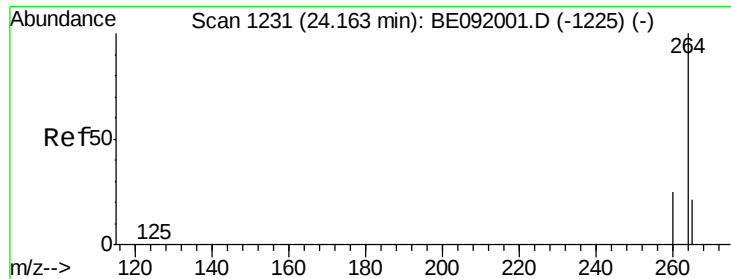


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

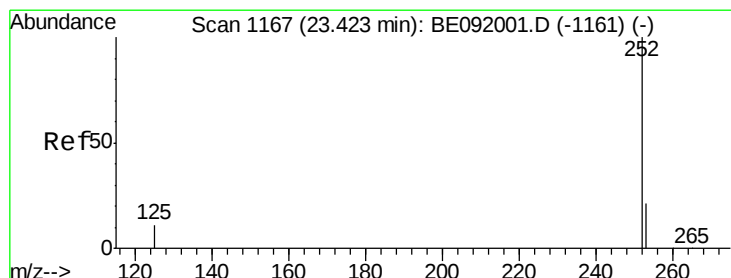
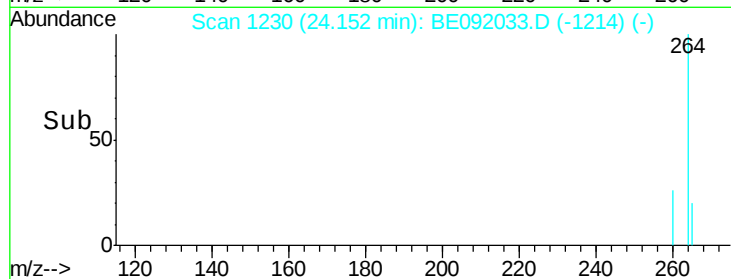
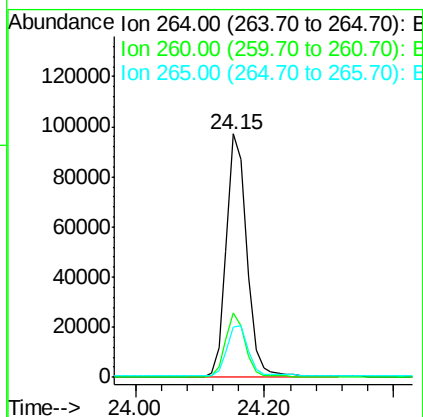
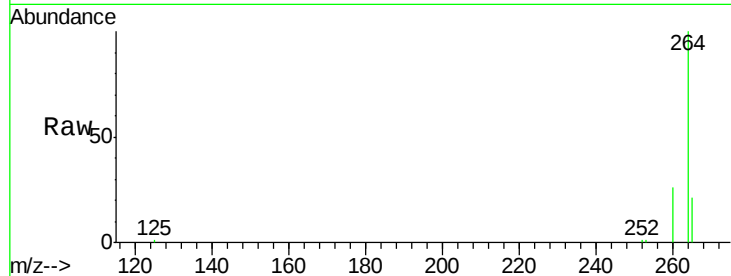




#40
Perylene-d12
Concen: 5.00 ng
RT: 24.15 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

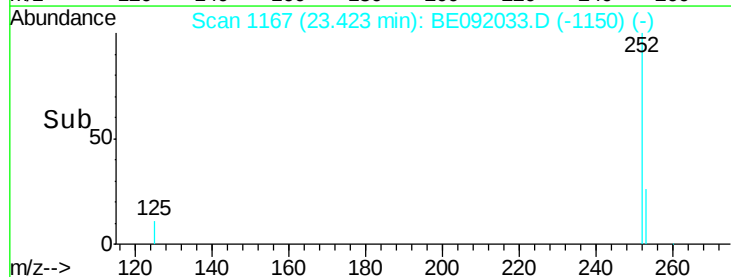
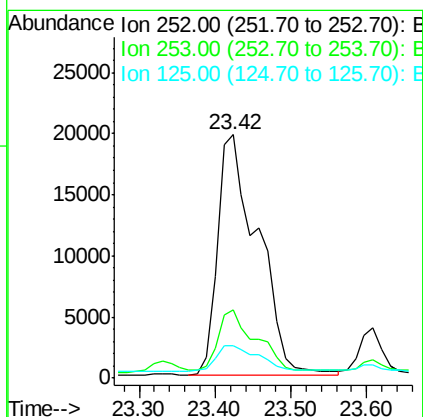
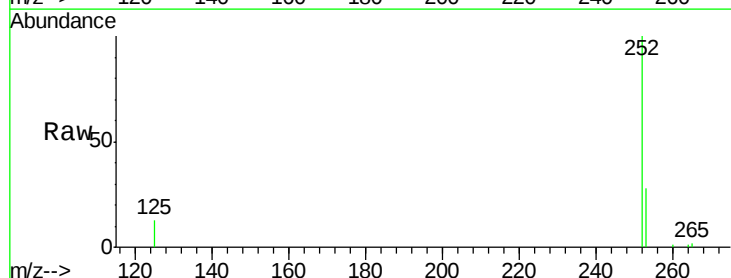
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

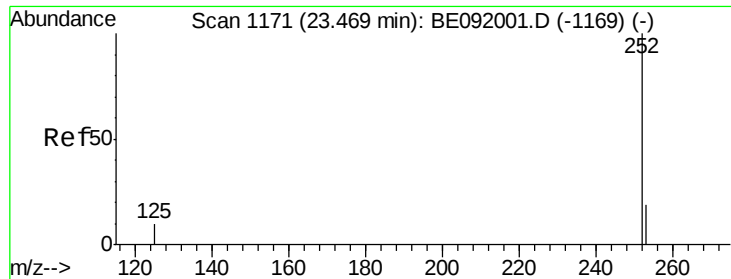
Tgt Ion: 264 Resp: 214620
Ion Ratio Lower Upper
264 100
260 26.5 20.3 30.5
265 20.9 17.6 26.4



#41
Benzo(b)fluoranthene
Concen: 1.29 ng
RT: 23.42 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BE092033.D
Acq: 23 Jul 2016 8:18

Tgt Ion: 252 Resp: 72479
Ion Ratio Lower Upper
252 100
253 28.1 17.8 26.6#
125 13.4 9.4 14.2





#42

Benzo(k)fluoranthene

Concen: 1.26 ng

RT: 23.42 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

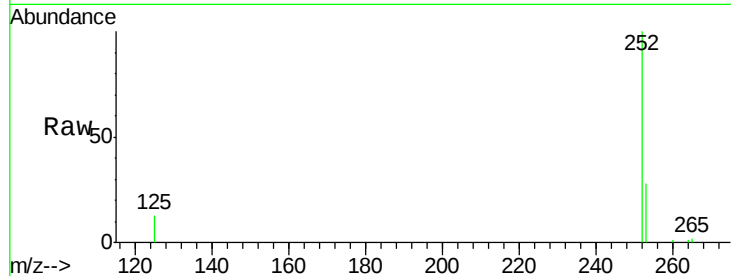
Tgt Ion:252 Resp: 72479

Ion Ratio Lower Upper

252 100

253 28.1 19.4 29.2

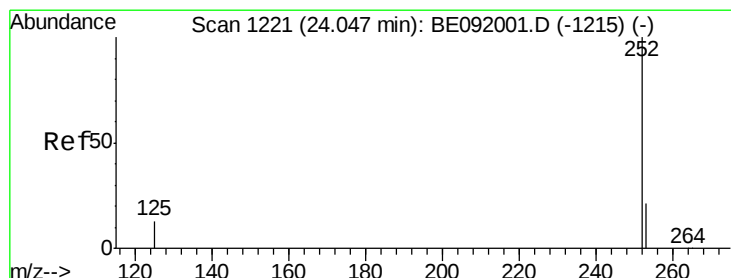
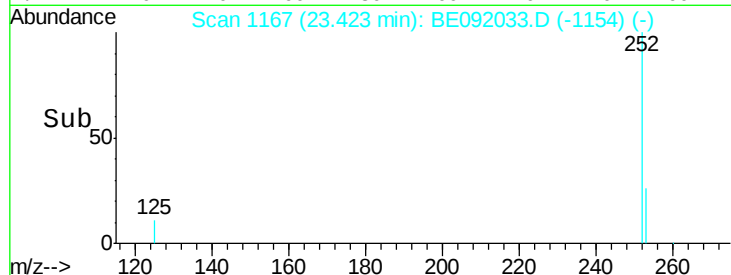
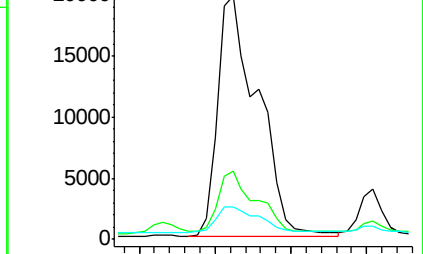
125 13.4 8.3 12.5#



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: 0.76 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

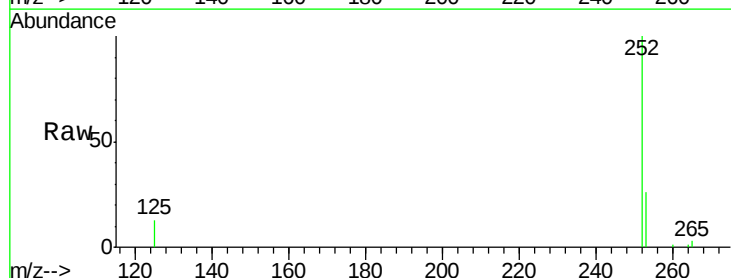
Tgt Ion:252 Resp: 39786

Ion Ratio Lower Upper

252 100

253 25.7 18.9 28.3

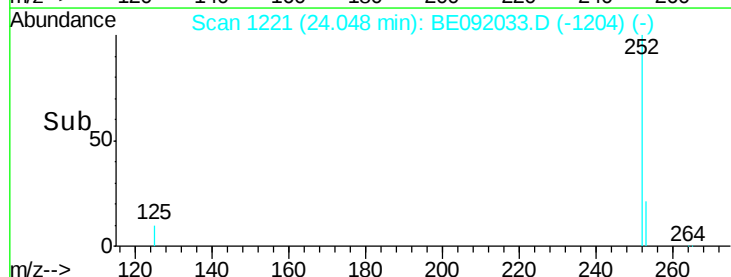
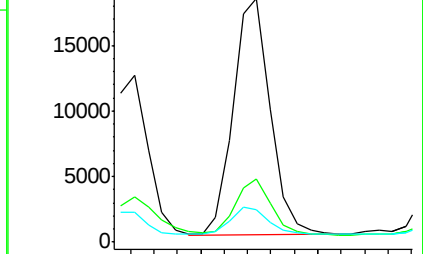
125 13.3 10.5 15.7

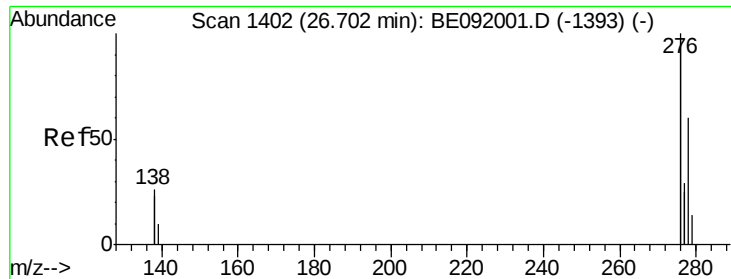


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#44

Dibenzo(a,h)anthracene

Concen: 0.11 ng

RT: 26.68 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

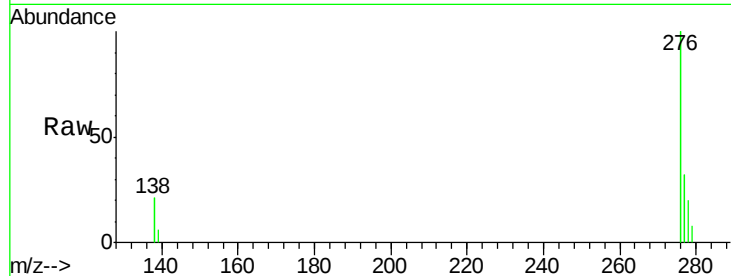
Tgt Ion: 278 Resp: 5337

Ion Ratio Lower Upper

278 100

139 29.6 12.6 18.8#

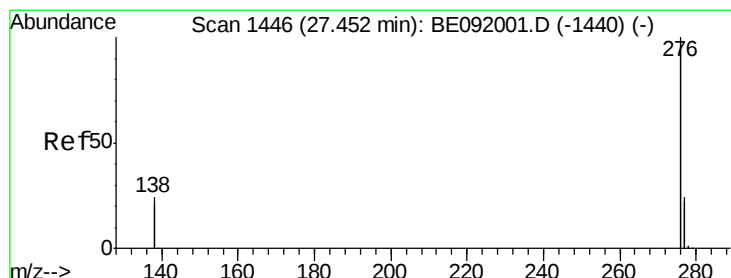
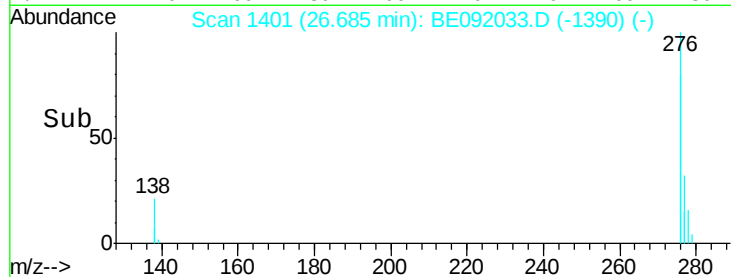
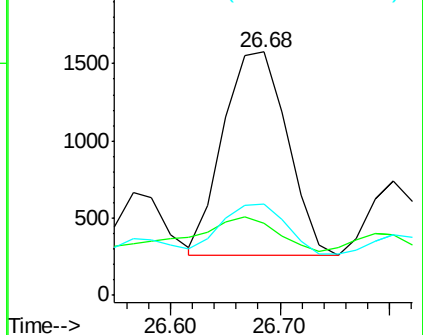
279 37.7 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#45

Benzo(g,h,i)perylene

Concen: 0.52 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BE092033.D

Acq: 23 Jul 2016 8:18

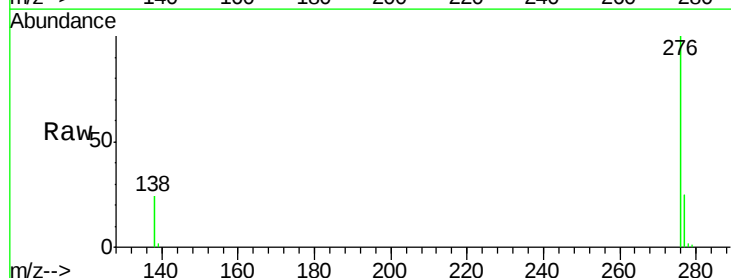
Tgt Ion: 276 Resp: 100159

Ion Ratio Lower Upper

276 100

277 25.1 19.5 29.3

138 23.8 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

