

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092067.D
 Acq On : 28 Jul 2016 5:06
 Operator : UM/SJ
 Sample : H4107-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 28 05:44:13 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	19996	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	97926	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	48117	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	141334	5.00	ng	0.00
31) Chrysene-d12	21.76	240	102709	5.00	ng	0.00
40) Perylene-d12	24.15	264	128409	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	27957	6.27	ng	-0.02
5) Phenol-d6	7.35	99	43760	7.36	ng	0.00
9) Nitrobenzene-d5	9.35	82	24771	3.40	ng	-0.02
16) 2,4,6-Tribromophenol	16.33	330	12838	5.78	ng	-0.02
17) 2-Fluorobiphenyl	13.47	172	61016	3.16	ng	0.00
34) Terphenyl-d14	20.20	244	88796	4.64	ng	0.00

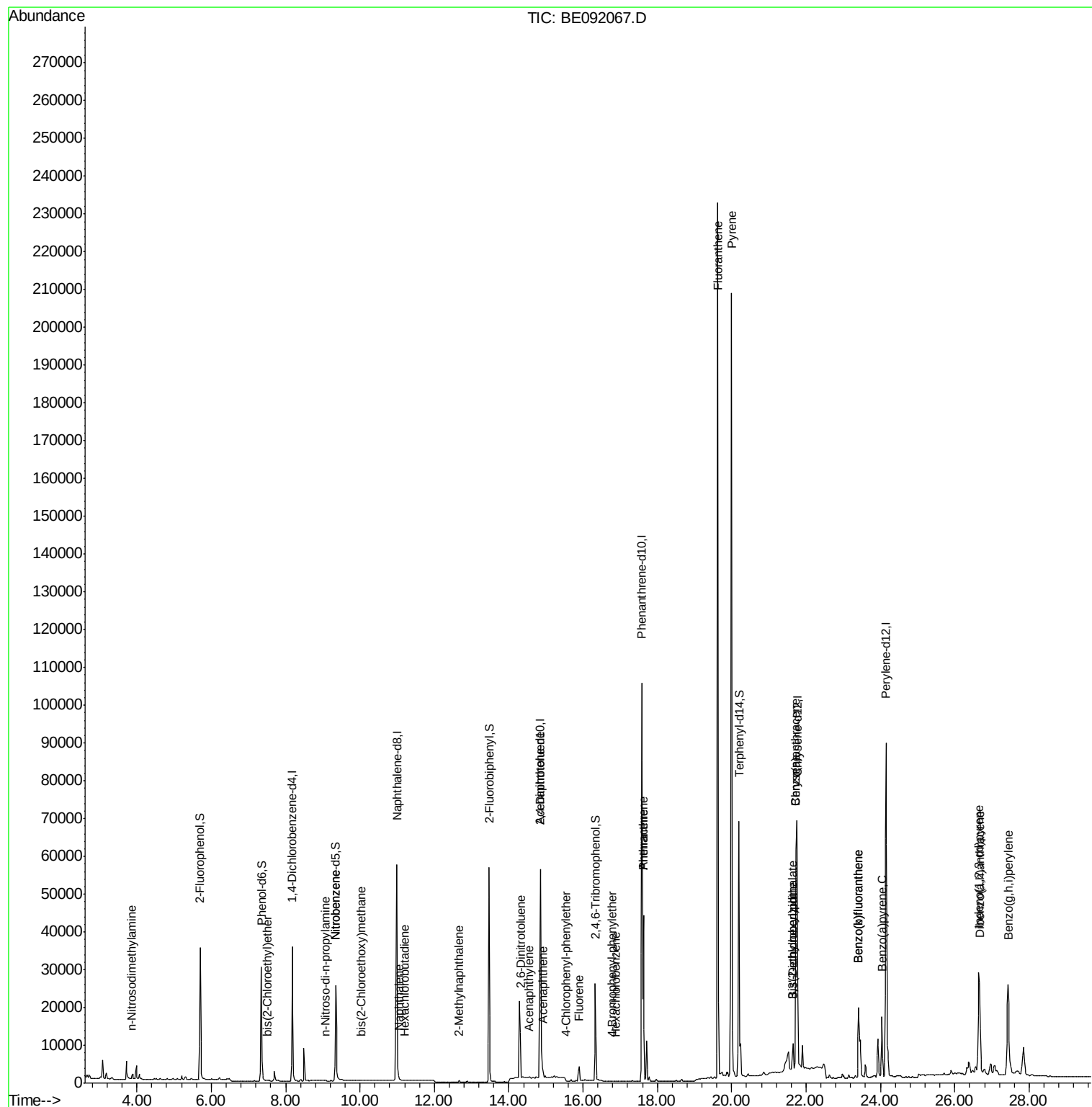
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.87	42	96	0.03	ng	# 1
6) bis(2-Chloroethyl)ether	7.51	93	20	0.00	ng	# 19
7) n-Nitroso-di-n-propylamine	9.06	70	135	0.03	ng	# 25
10) Nitrobenzene	9.35	77	90	0.01	ng	# 29
11) bis(2-Chloroethoxy)methane	10.05	93	584	0.07	ng	# 62
12) Naphthalene	11.04	128	1476	0.07	ng	# 90
13) Hexachlorobutadiene	11.19	225	1	0.00	ng	# 18
14) 2-Methylnaphthalene	12.66	142	343	0.02	ng	# 81
18) Acenaphthylene	14.56	152	807	0.01	ng	# 94
19) 2,6-Dinitrotoluene	14.31	165	11131	0.83	ng	# 100
20) Acenaphthene	14.92	154	1954	0.15	ng	# 1
21) 2,4-Dinitrotoluene	14.86	165	28066	1.54	ng	# 1
22) Fluorene	15.90	166	3450	0.17	ng	99
23) 4-Chlorophenyl-phenylether	15.55	204	479	0.05	ng	# 1
25) 4-Bromophenyl-phenylether	16.78	248	1	0.00	ng	# 56
26) Hexachlorobenzene	16.88	284	2	0.00	ng	# 1
28) Phenanthrene	17.63	178	48514	1.35	ng	99
29) Anthracene	17.63	178	48498	1.48	ng	99
30) Fluoranthene	19.63	202	288379	1.80	ng	99
32) Benzidine	19.90	184	108	Below Cal		# 1
33) Pyrene	19.99	202	264626	2.00	ng	# 89
35) Benzo(a)anthracene	21.73	228	67034	1.55	ng	# 93
36) 3,3'-Dichlorobenzidine	21.64	252	153	0.27	ng	# 53
37) Chrysene	21.73	228	66924	2.07	ng	95
38) Bis(2-ethylhexyl)phthalate	21.64	149	11248	0.18	ng	# 96
39) Indeno(1,2,3-cd)pyrene	26.65	276	58937	0.49	ng	94
41) Benzo(b)fluoranthene	23.41	252	46462	1.32	ng	# 93
42) Benzo(k)fluoranthene	23.41	252	46462	1.29	ng	95
43) Benzo(a)pyrene	24.04	252	24966	0.76	ng	98
44) Dibenzo(a,h)anthracene	26.67	278	3490	0.12	ng	# 76
45) Benzo(g,h,i)perylene	27.43	276	61790	0.52	ng	97

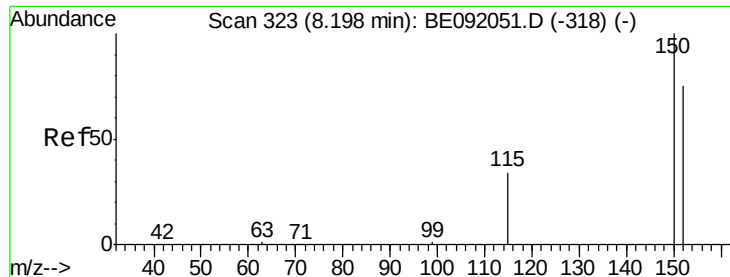
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

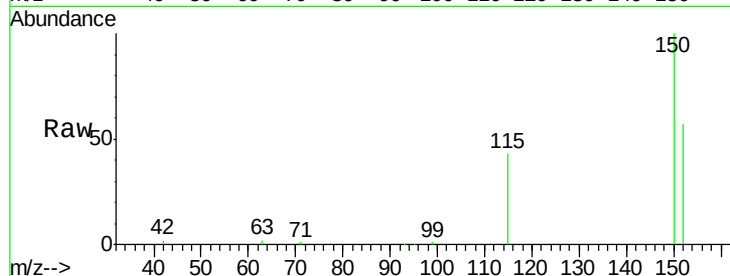
Tgt Ion: 152 Resp: 19996

Ion Ratio Lower Upper

152 100

150 174.2 106.0 159.0#

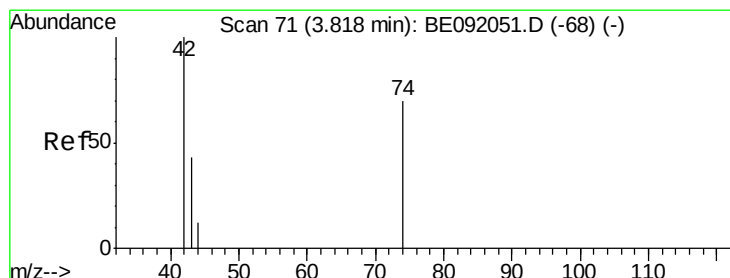
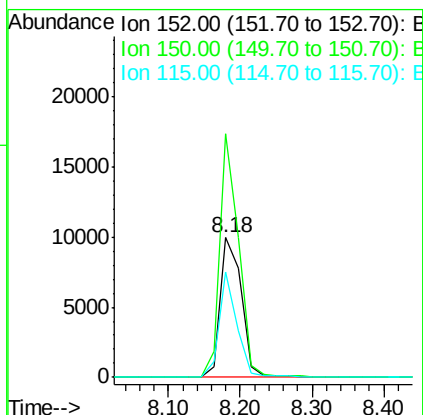
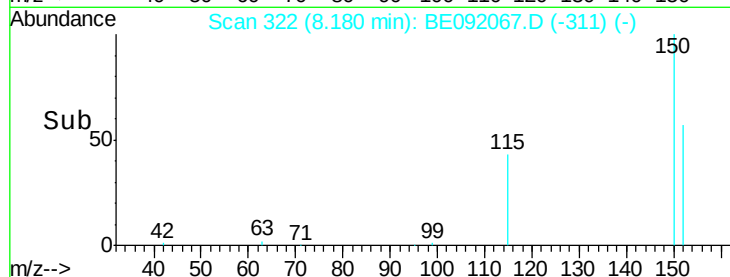
115 75.6 36.9 55.3#



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: 0.03 ng

RT: 3.87 min Scan# 74

Delta R.T. 0.05 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

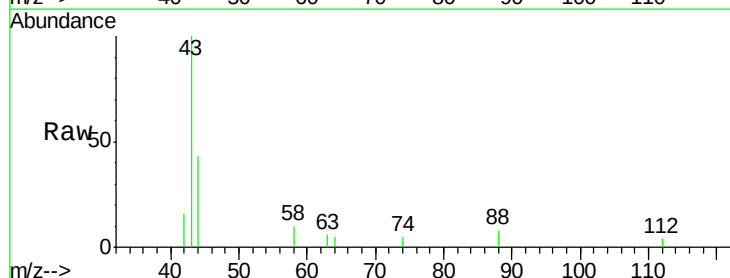
Tgt Ion: 42 Resp: 96

Ion Ratio Lower Upper

42 100

74 19.8 82.8 124.2#

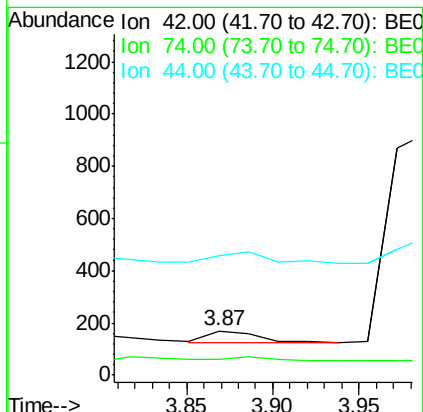
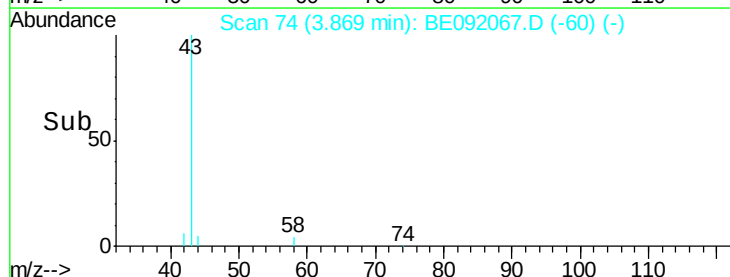
44 112.5 9.0 13.4#

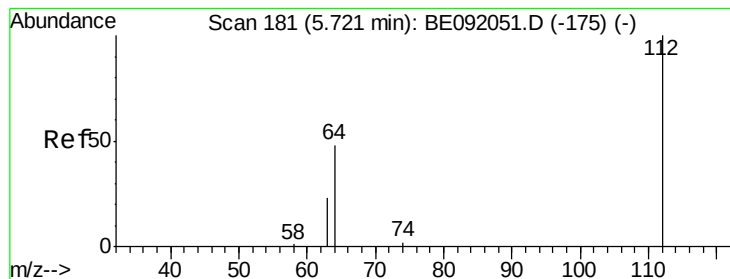


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 6.27 ng

RT: 5.70 min Scan# 180

Delta R.T. -0.02 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

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ClientSampleId :

TILCON-MH-SF-004

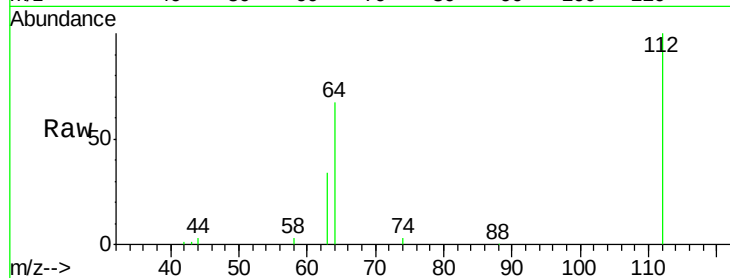
Tgt Ion: 112 Resp: 27957

Ion Ratio Lower Upper

112 100

64 67.1 55.9 83.9

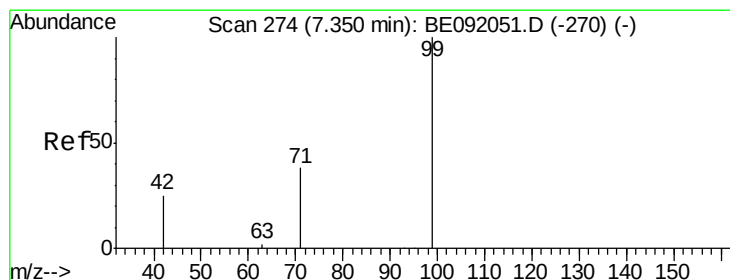
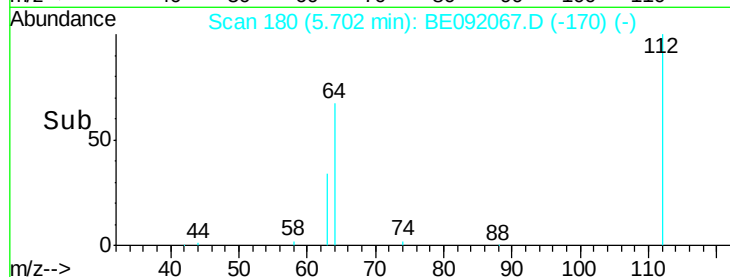
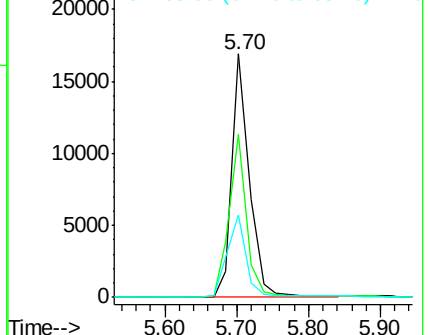
63 36.2 31.1 46.7



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: 7.36 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

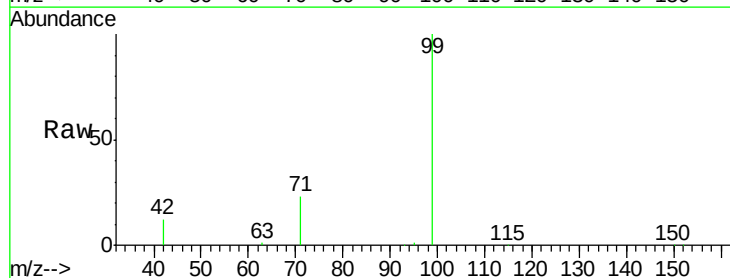
Tgt Ion: 99 Resp: 43760

Ion Ratio Lower Upper

99 100

42 26.0 22.4 33.6

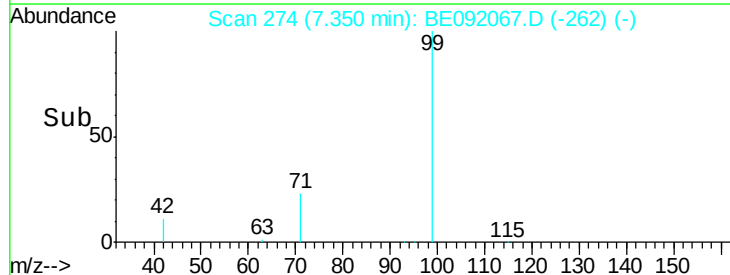
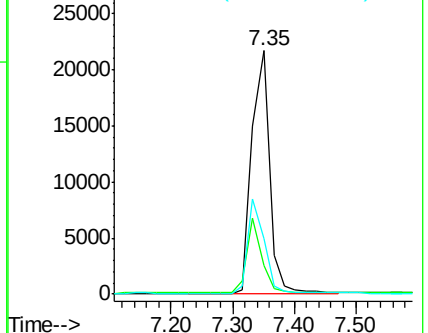
71 36.2 28.9 43.3

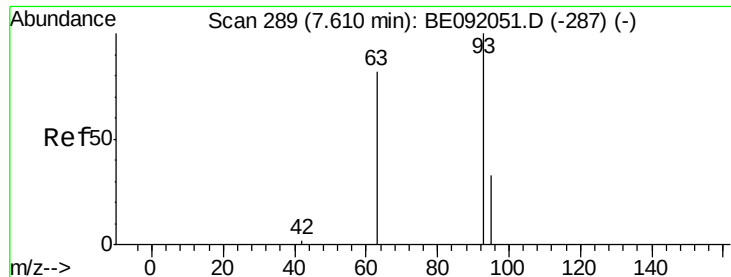


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 7.51 min Scan# 283

Delta R.T. -0.10 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

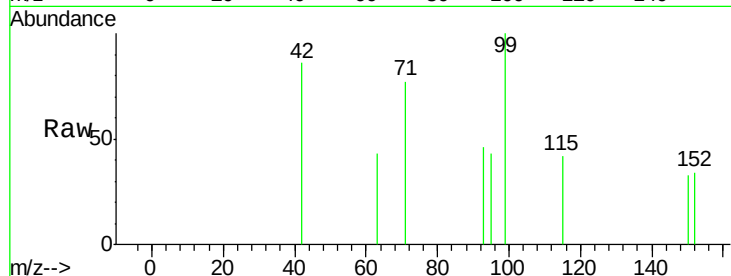
Tgt Ion: 93 Resp: 20

Ion Ratio Lower Upper

93 100

63 0.0 64.4 96.6#

95 0.0 25.8 38.8#

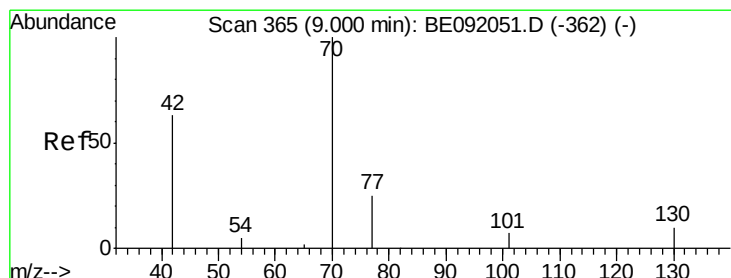
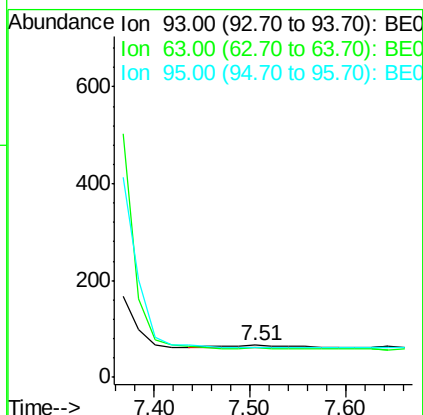
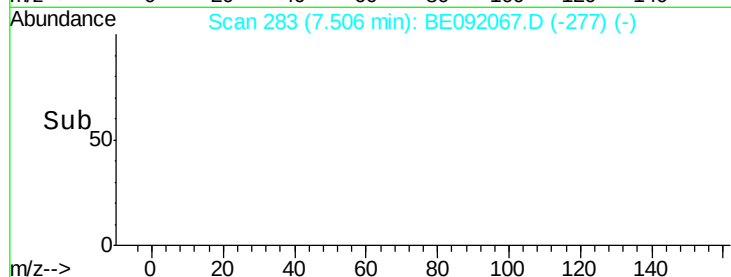


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->



#7

n-Nitroso-di-n-propylamine

Concen: 0.03 ng

RT: 9.06 min Scan# 368

Delta R.T. 0.06 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Tgt Ion: 70 Resp: 135

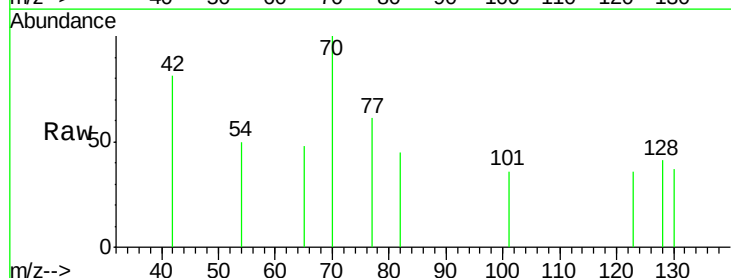
Ion Ratio Lower Upper

70 100

42 0.0 60.2 90.4#

101 0.0 6.8 10.2#

130 0.0 13.3 19.9#



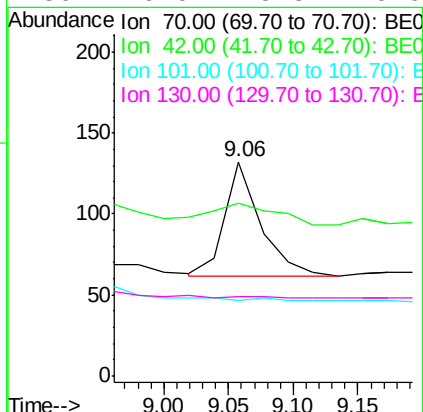
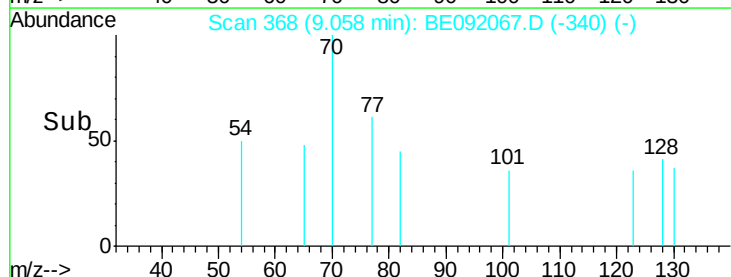
Abundance Ion 70.00 (69.70 to 70.70): BE0

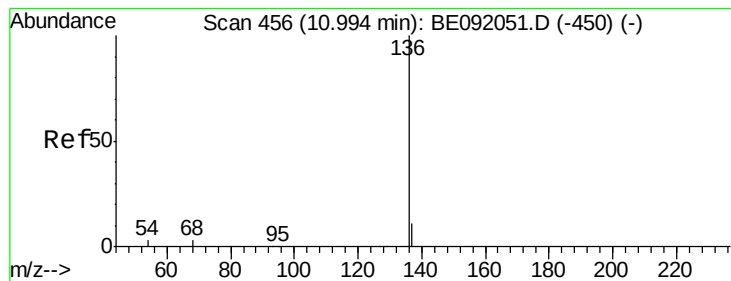
Ion 42.00 (41.70 to 42.70): BE0

Ion 101.00 (100.70 to 101.70): BE0

Ion 130.00 (129.70 to 130.70): BE0

Time-->





#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

Tgt Ion:136 Resp: 97926

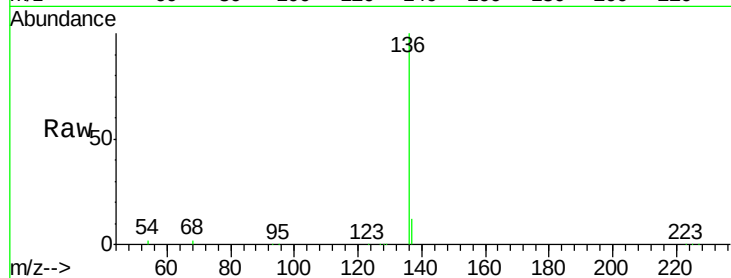
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 2.5 2.7 4.1#

68 2.1 2.2 3.4#

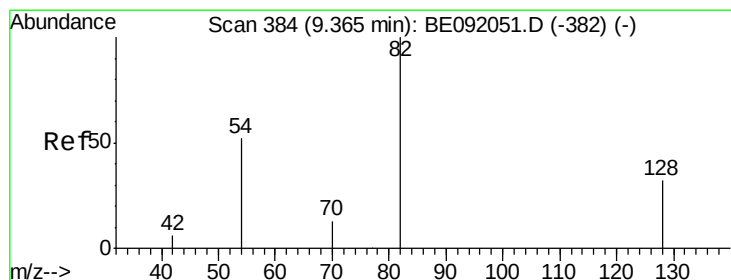
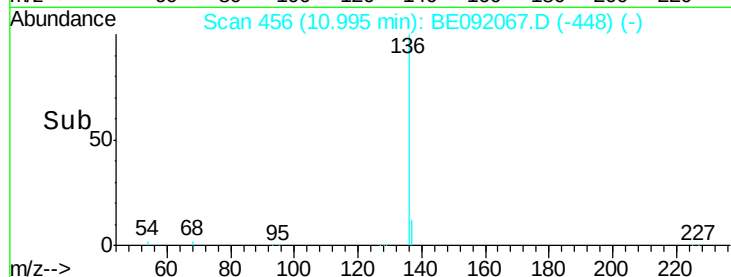
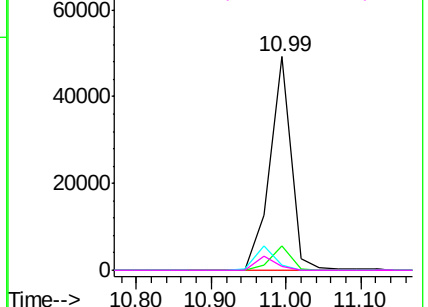


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.40 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.02 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

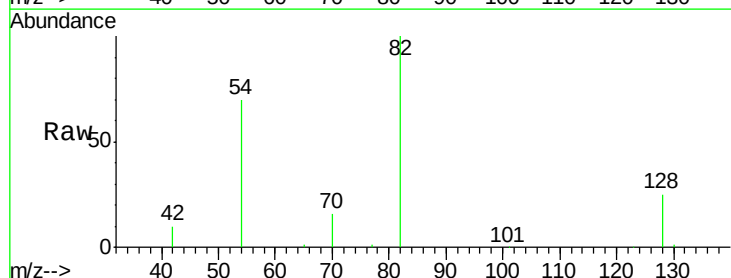
Tgt Ion: 82 Resp: 24771

Ion Ratio Lower Upper

82 100

128 24.7 33.0 49.4#

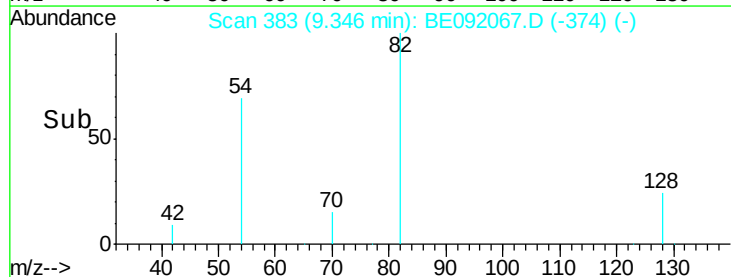
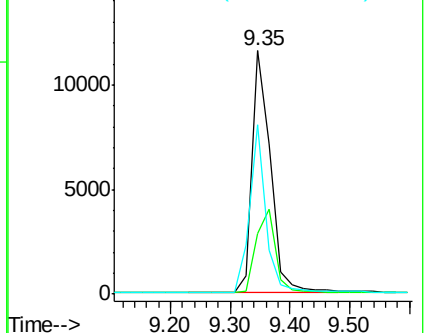
54 69.6 42.6 63.8#

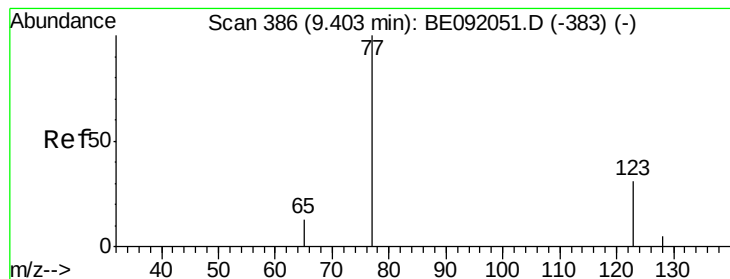


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Nitrobenzene

Concen: 0.01 ng

RT: 9.35 min Scan# 383

Delta R.T. -0.06 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

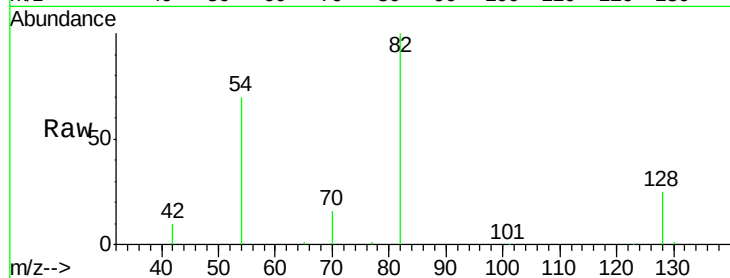
Tgt Ion: 77 Resp: 90

Ion Ratio Lower Upper

77 100

123 0.0 29.9 44.9#

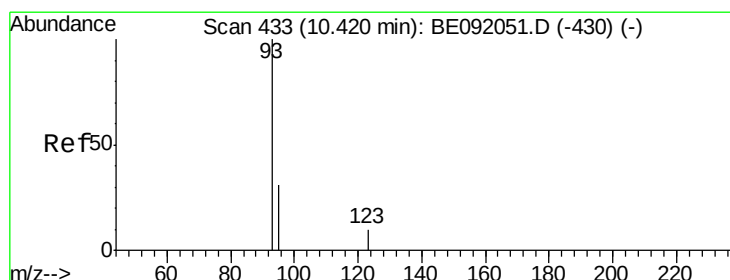
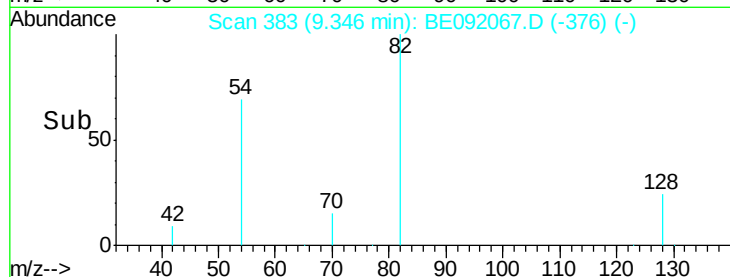
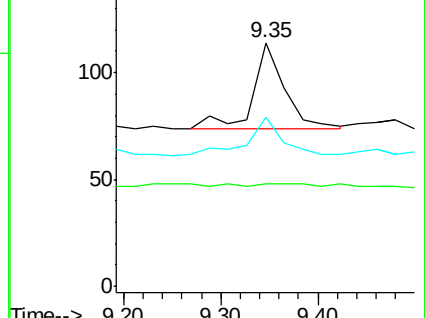
65 52.2 11.4 17.0#



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: 0.07 ng

RT: 10.05 min Scan# 418

Delta R.T. -0.37 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

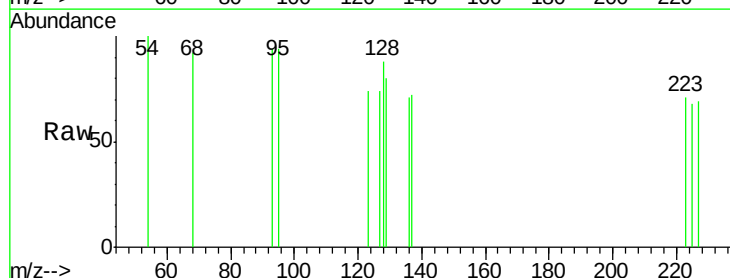
Tgt Ion: 93 Resp: 584

Ion Ratio Lower Upper

93 100

95 54.3 25.0 37.6#

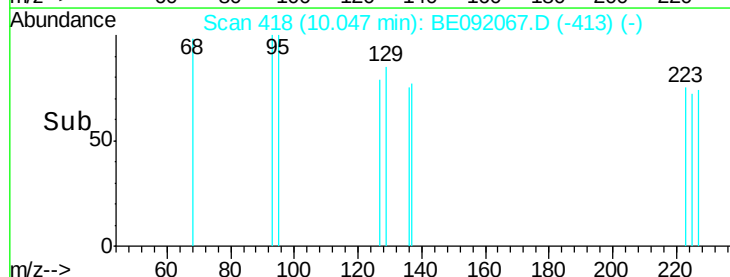
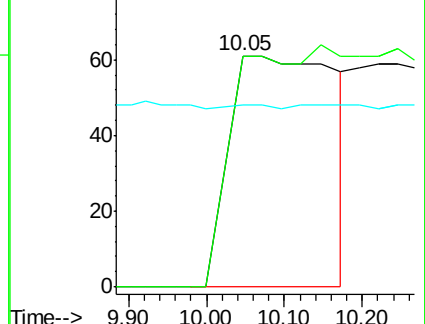
123 0.7 7.8 11.8#

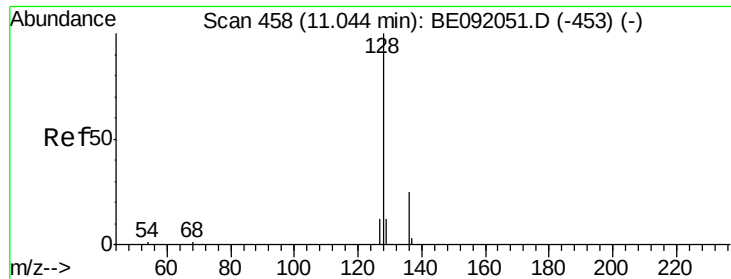


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

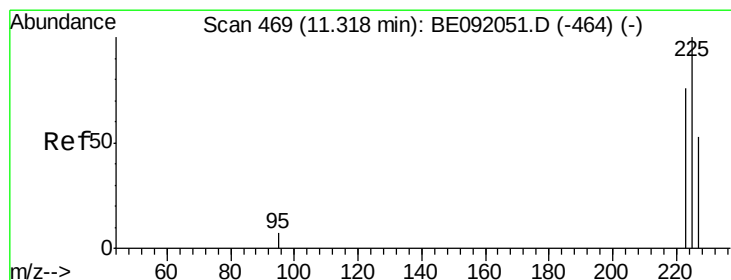
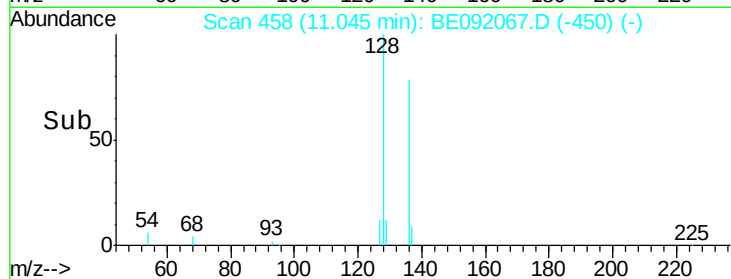
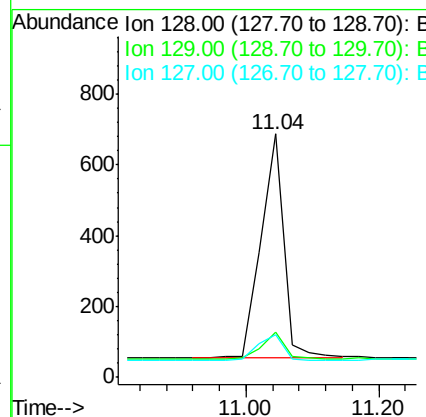
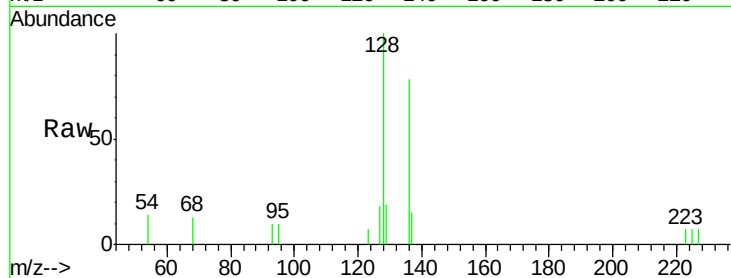




#12
Naphthalene
Concen: 0.07 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092067.D
Acq: 28 Jul 2016 5:06

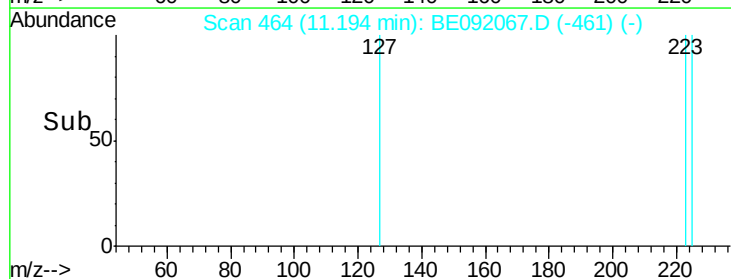
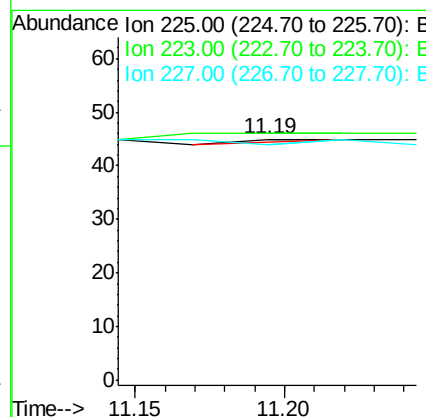
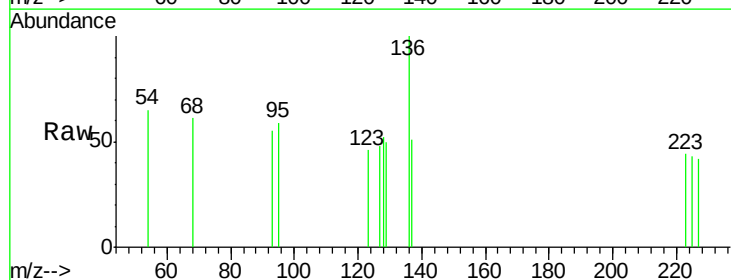
Instrument :
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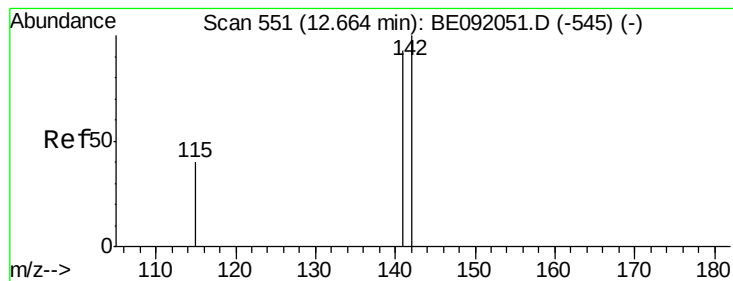
Tgt Ion:128 Resp: 1476
Ion Ratio Lower Upper
128 100
129 18.8 11.1 16.7#
127 17.7 11.3 16.9#



#13
Hexachlorobutadiene
Concen: 0.00 ng
RT: 11.19 min Scan# 464
Delta R.T. -0.12 min
Lab File: BE092067.D
Acq: 28 Jul 2016 5:06

Tgt Ion:225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 51.9 77.9#
227 0.0 0.0 0.0





#14

2-Methylnaphthalene

Concen: 0.02 ng

RT: 12.66 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

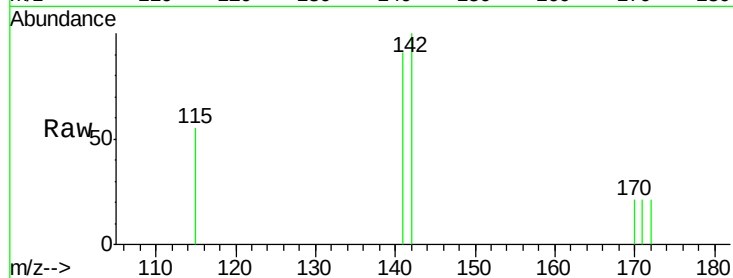
Tgt Ion:142 Resp: 343

Ion Ratio Lower Upper

142 100

141 91.1 65.1 97.7

115 55.1 27.0 40.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.66

200

150

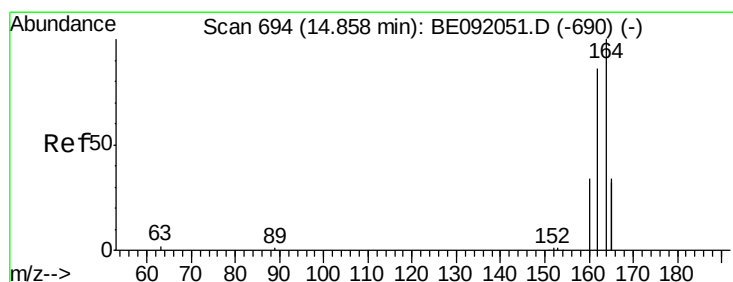
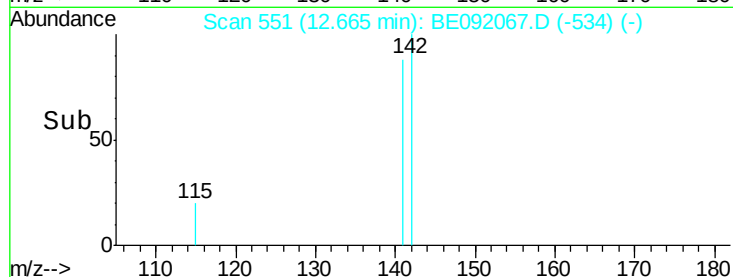
100

50

0

12.60 12.70 12.80

Time-->



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

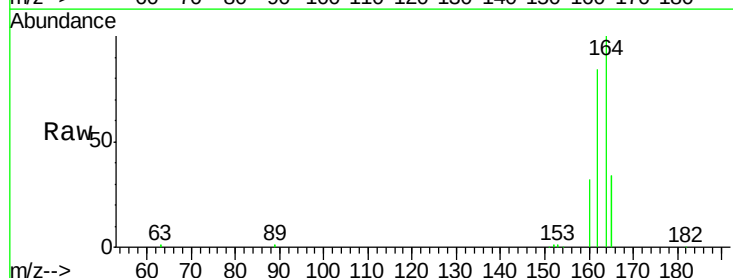
Tgt Ion:164 Resp: 48117

Ion Ratio Lower Upper

164 100

162 84.1 69.5 104.3

160 31.6 27.6 41.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.86

25000

20000

15000

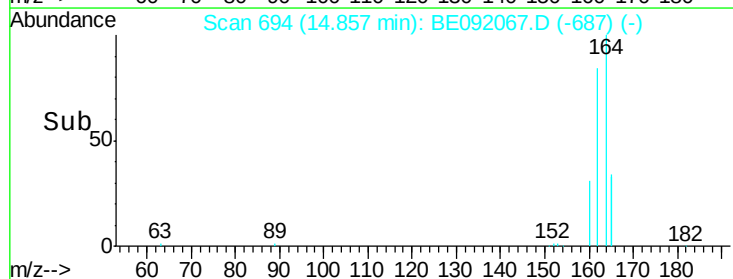
10000

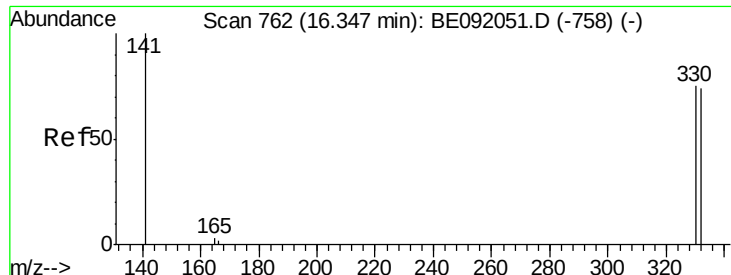
5000

0

14.60 14.80 15.00

Time-->

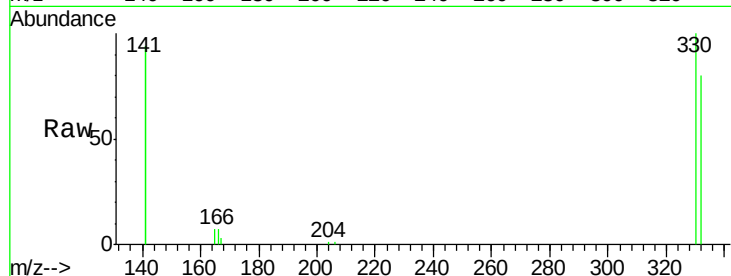




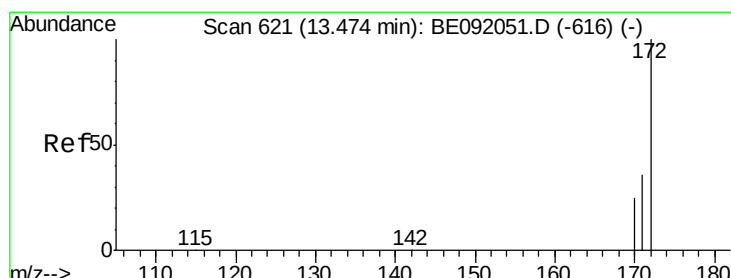
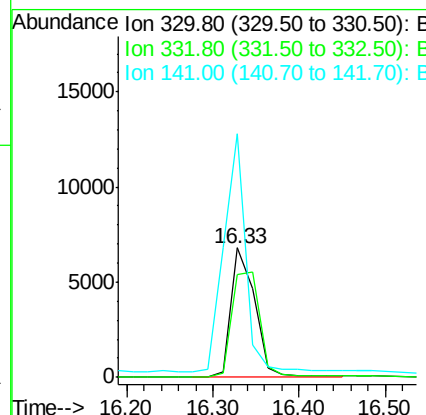
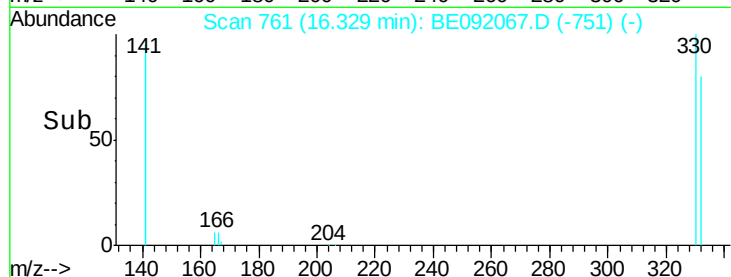
#16
 2,4,6-Tribromophenol
 Concen: 5.78 ng
 RT: 16.33 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BE092067.D
 Acq: 28 Jul 2016 5:06

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

Tgt Ion:330 Resp: 12838
 Ion Ratio Lower Upper
 330 100
 332 95.7 74.2 111.4
 141 172.9 139.8 209.8

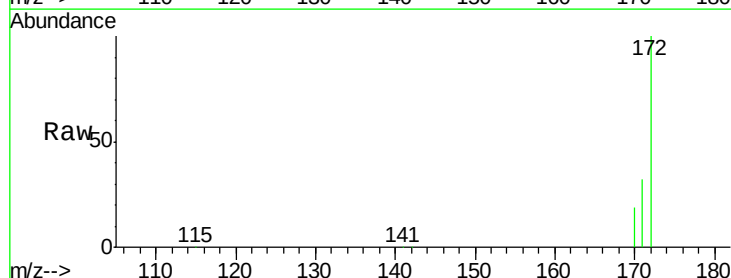


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

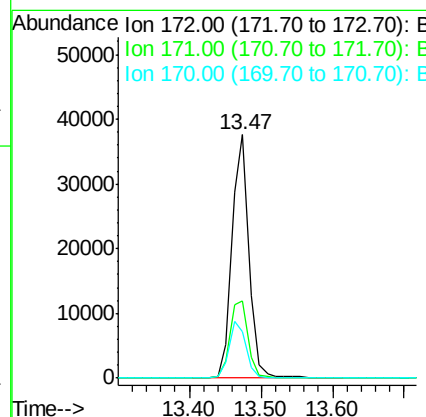
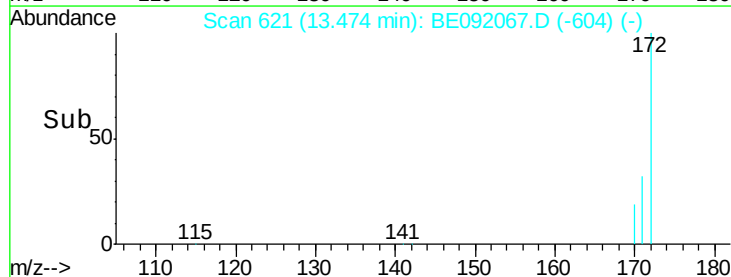


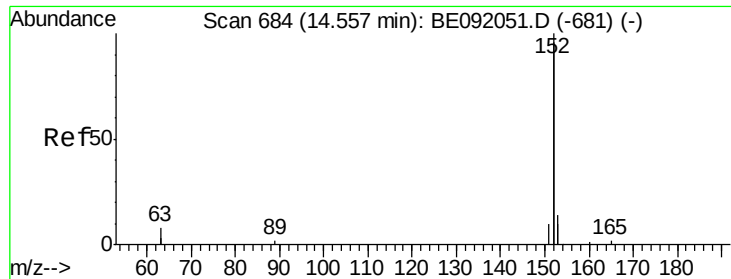
#17
 2-Fluorobiphenyl
 Concen: 3.16 ng
 RT: 13.47 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BE092067.D
 Acq: 28 Jul 2016 5:06

Tgt Ion:172 Resp: 61016
 Ion Ratio Lower Upper
 172 100
 171 31.6 30.3 45.5
 170 19.3 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: 0.01 ng

RT: 14.56 min Scan# 684

Delta R.T. -0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

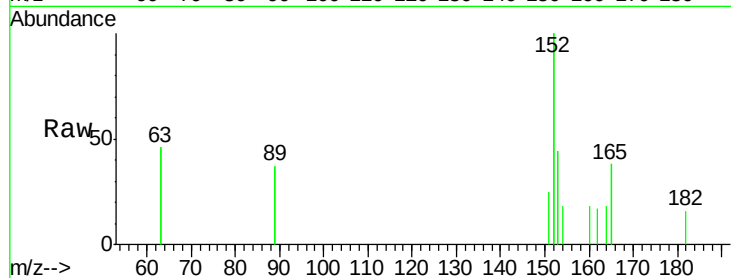
Tgt Ion:152 Resp: 807

Ion Ratio Lower Upper

152 100

151 5.8 4.0 6.0

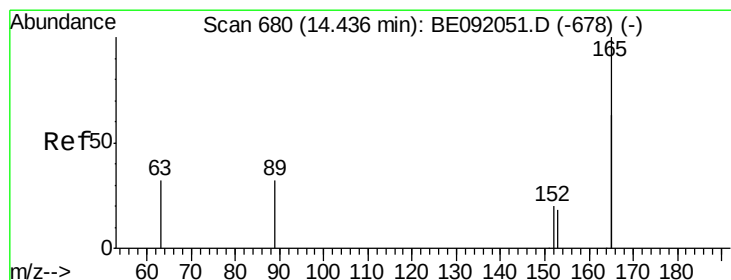
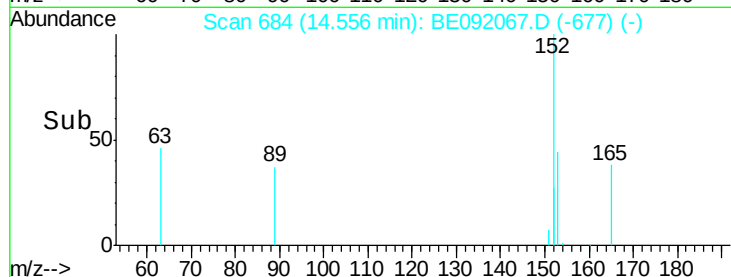
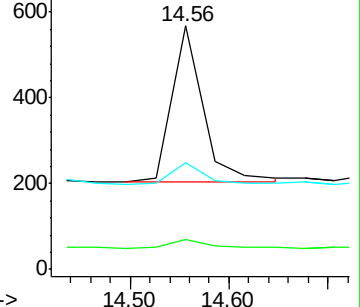
153 14.7 9.6 14.4#



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: 0.83 ng

RT: 14.31 min Scan# 676

Delta R.T. -0.12 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

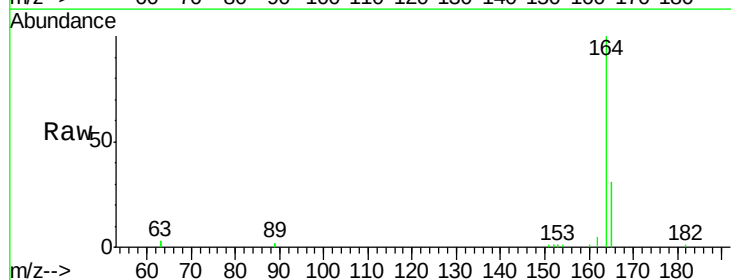
Tgt Ion:165 Resp: 11131

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

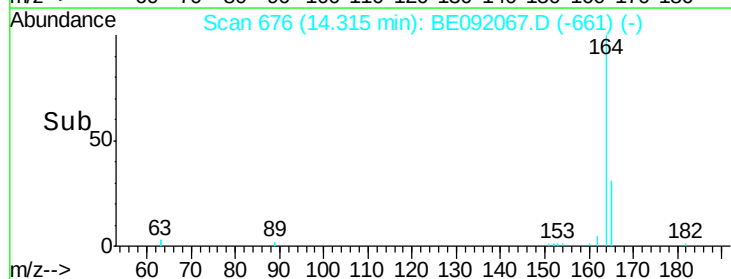
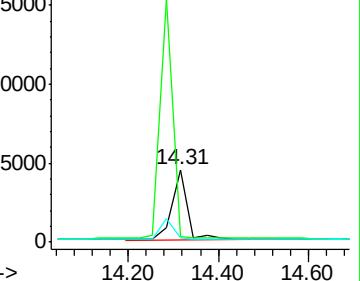
89 0.0 0.0 0.0

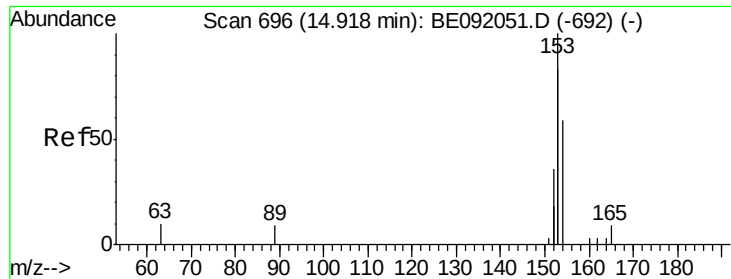


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0





#20

Acenaphthene

Concen: 0.15 ng

RT: 14.92 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

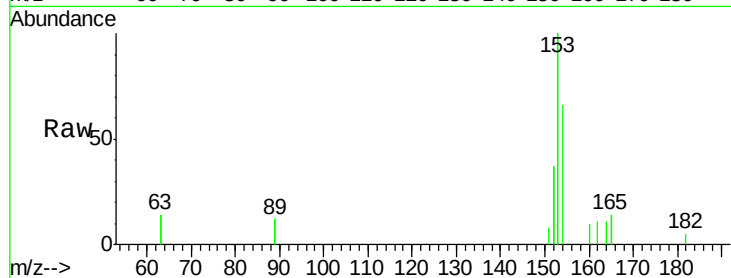
Tgt Ion:154 Resp: 1954

Ion Ratio Lower Upper

154 100

153 0.0 345.1 517.7#

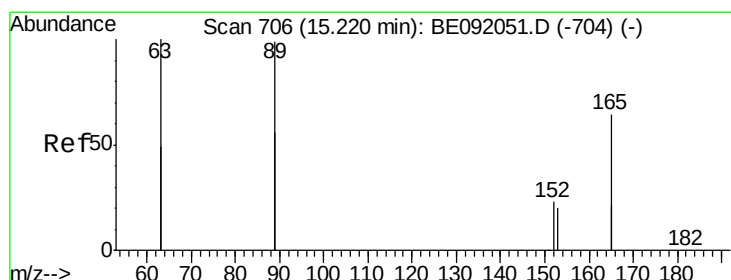
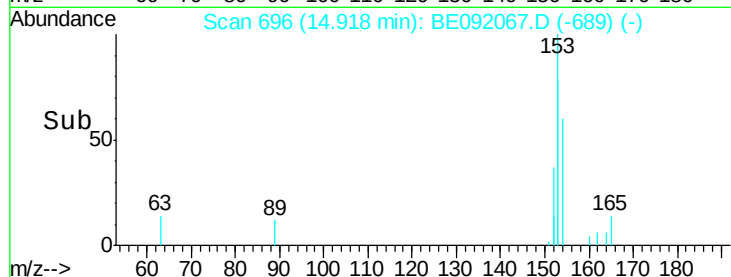
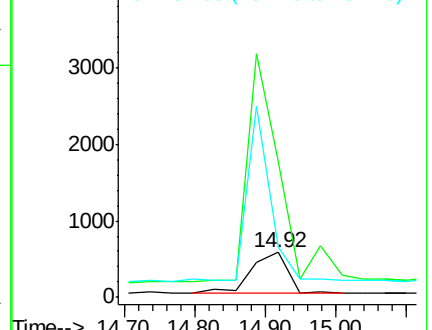
152 0.0 0.0 0.0



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



#21

2,4-Dinitrotoluene

Concen: 1.54 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.36 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Tgt Ion:165 Resp: 28066

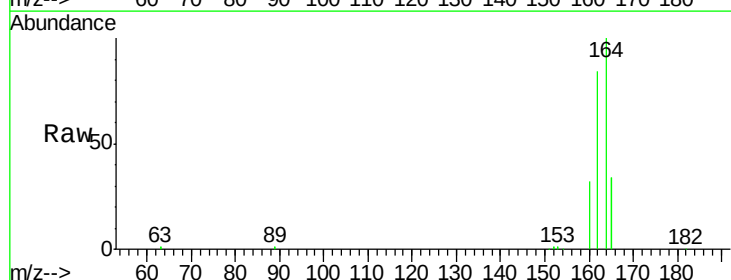
Ion Ratio Lower Upper

165 100

63 0.0 324.0 486.0#

89 0.0 308.4 462.6#

182 0.0 0.0 0.0

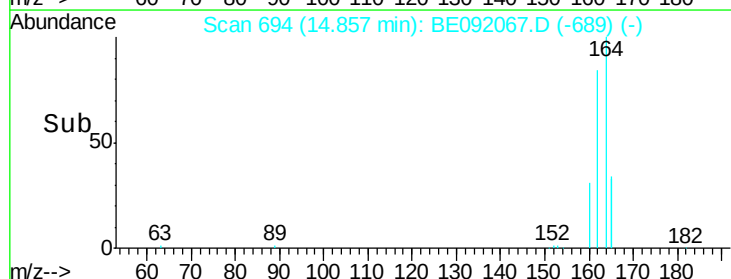
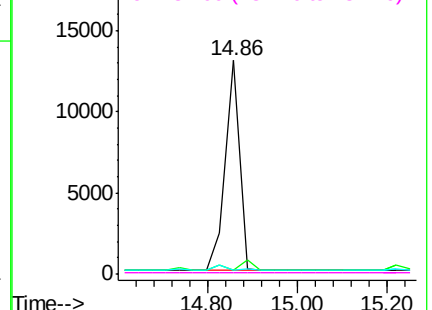


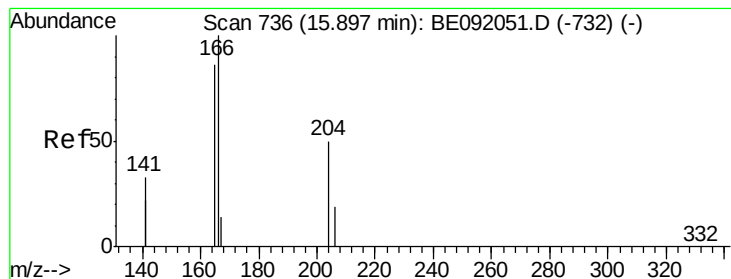
Abundance Ion 165.00 (164.70 to 165.70): E

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





#22

Fluorene

Concen: 0.17 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

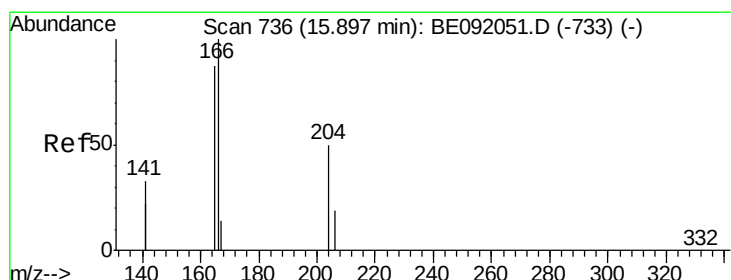
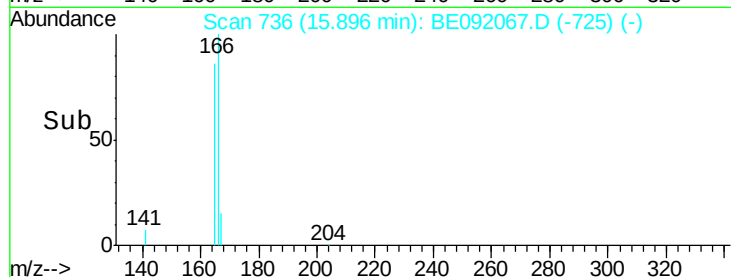
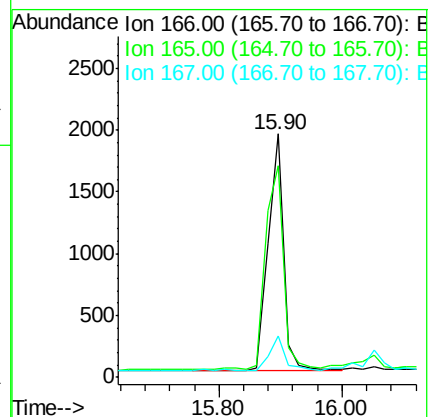
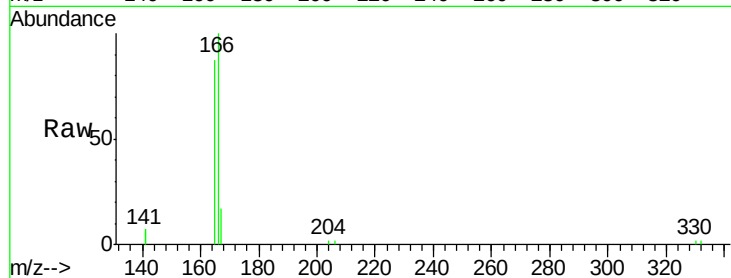
Tgt Ion:166 Resp: 3450

Ion Ratio Lower Upper

166 100

165 98.7 78.6 118.0

167 15.0 11.1 16.7



#23

4-Chlorophenyl-phenylether

Concen: 0.05 ng

RT: 15.55 min Scan# 716

Delta R.T. -0.35 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

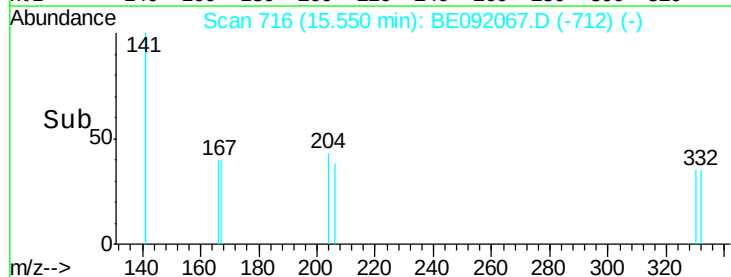
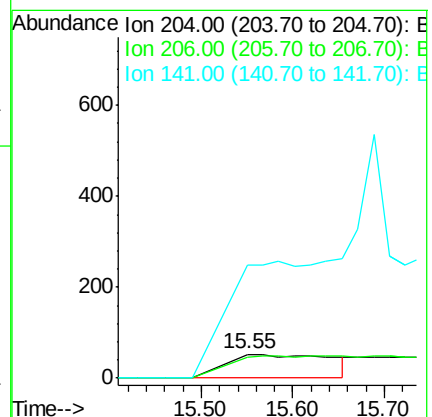
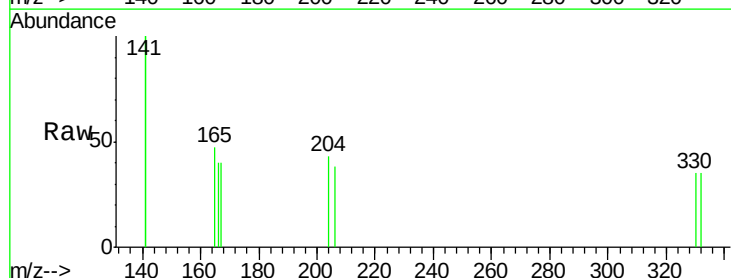
Tgt Ion:204 Resp: 479

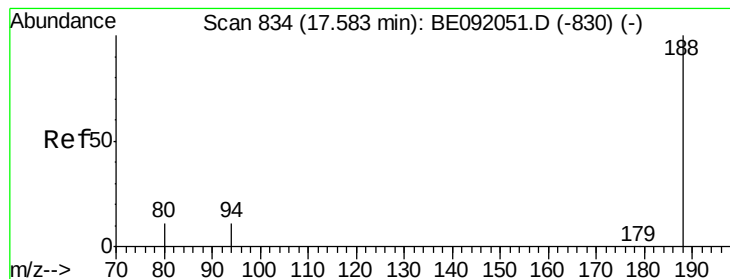
Ion Ratio Lower Upper

204 100

206 66.0 27.0 40.4#

141 0.0 198.5 297.7#





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 834

Delta R.T. -0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

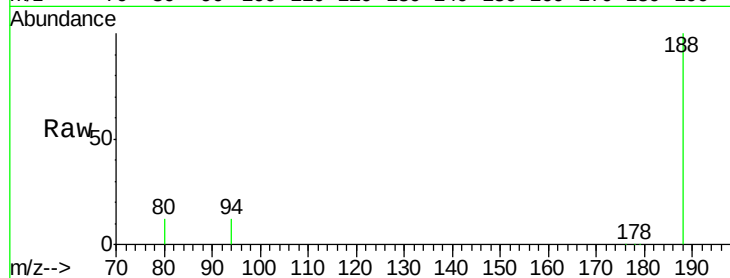
Tgt Ion:188 Resp: 141334

Ion Ratio Lower Upper

188 100

94 11.7 3.9 5.9#

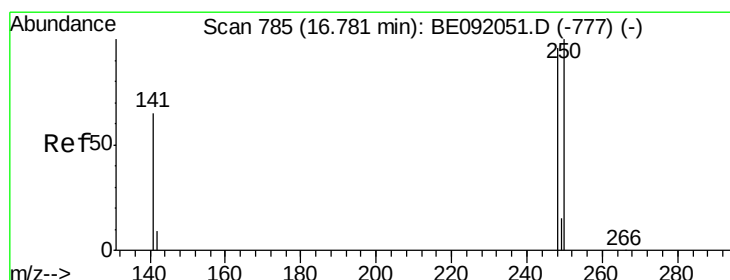
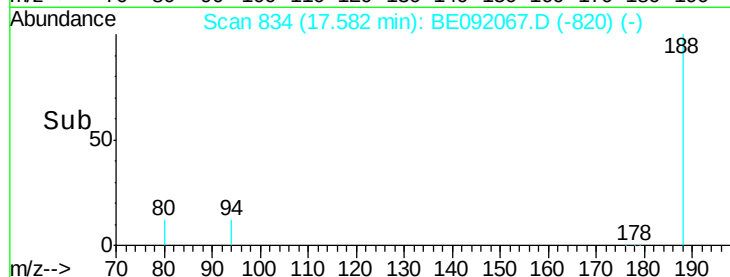
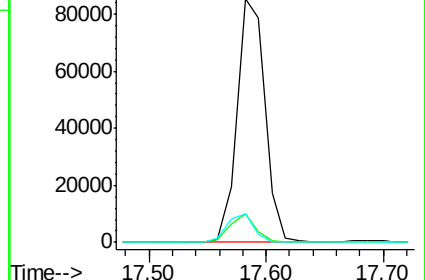
80 11.9 3.4 5.0#



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: 0.00 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

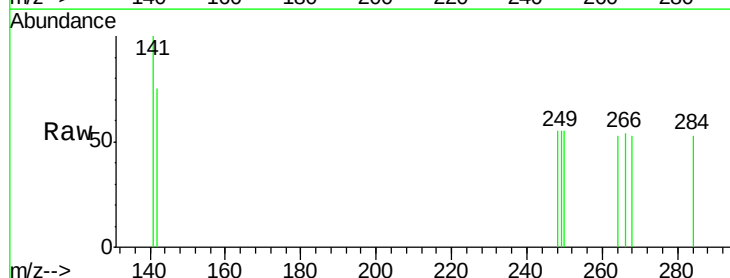
Tgt Ion:248 Resp: 1

Ion Ratio Lower Upper

248 100

250 100.0 79.6 119.4

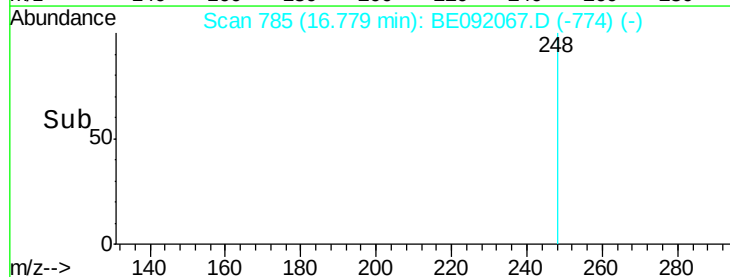
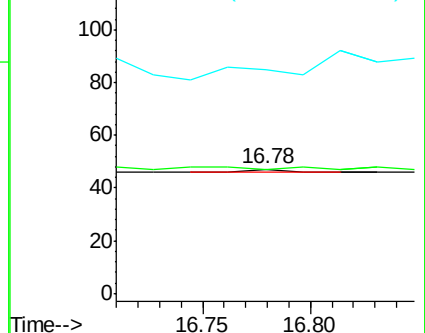
141 0.0 68.7 103.1#

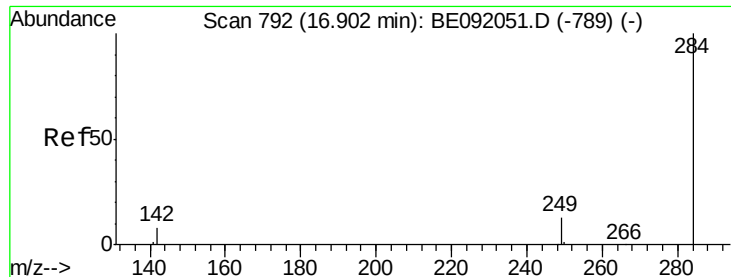


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

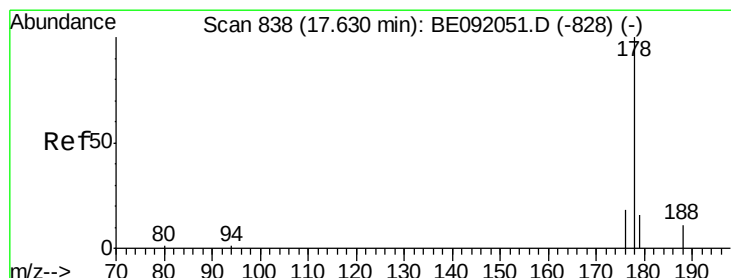
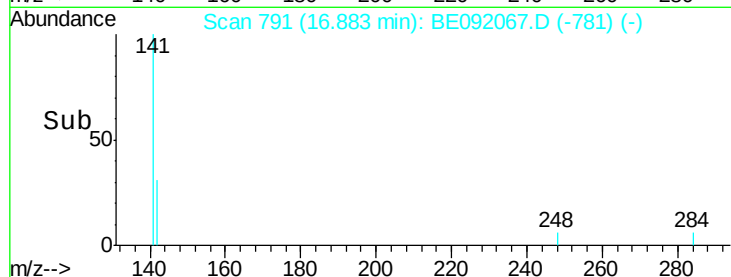
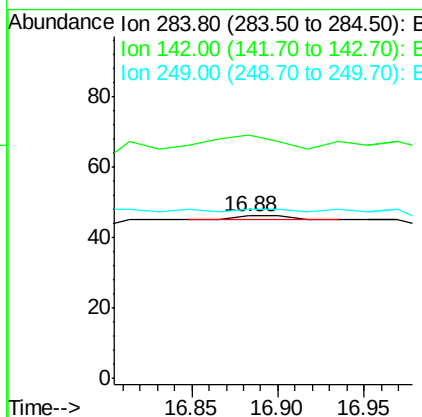
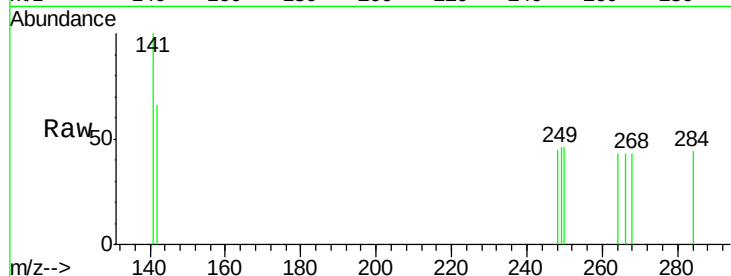




#26
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.88 min Scan# 791
Delta R.T. -0.02 min
Lab File: BE092067.D
Acq: 28 Jul 2016 5:06

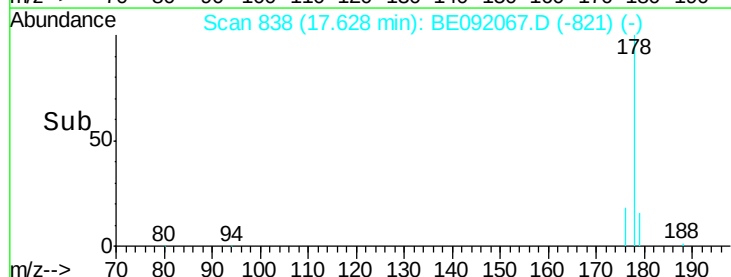
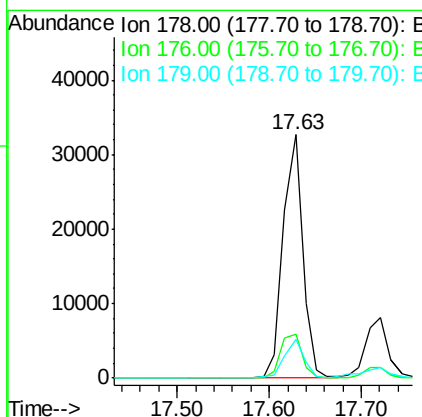
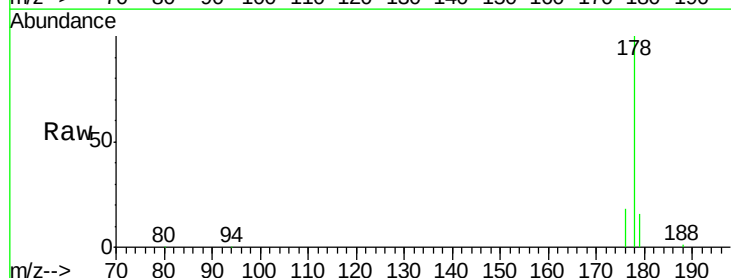
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004

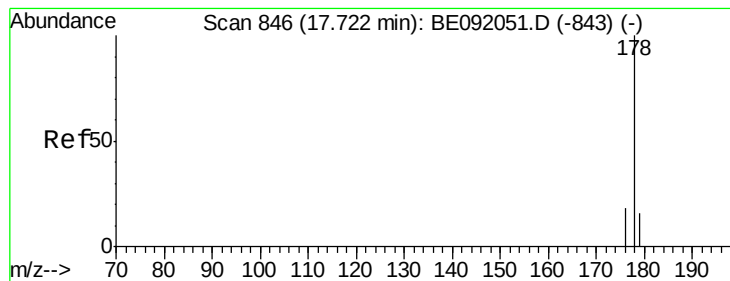
Tgt Ion: 284 Resp: 2
Ion Ratio Lower Upper
284 100
142 650.0 33.3 49.9#
249 0.0 25.4 38.0#



#28
Phenanthrene
Concen: 1.35 ng
RT: 17.63 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE092067.D
Acq: 28 Jul 2016 5:06

Tgt Ion: 178 Resp: 48514
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.5 12.7 19.1





#29

Anthracene

Concen: 1.48 ng

RT: 17.63 min Scan# 838

Delta R.T. -0.09 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

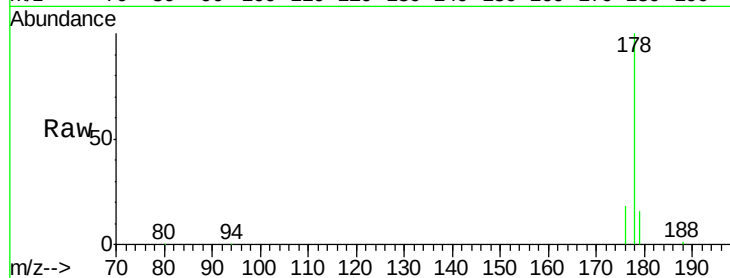
Tgt Ion:178 Resp: 48498

Ion Ratio Lower Upper

178 100

176 19.6 15.2 22.8

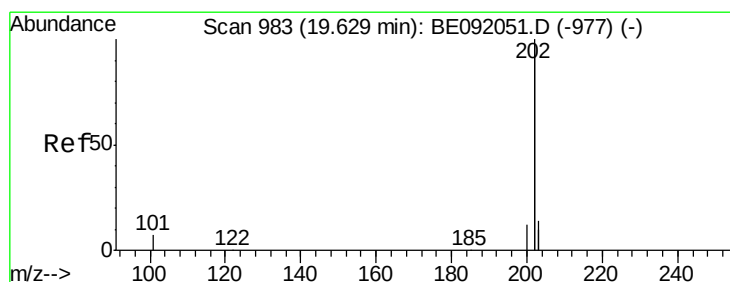
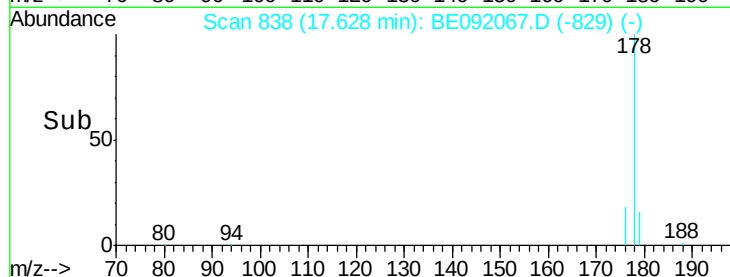
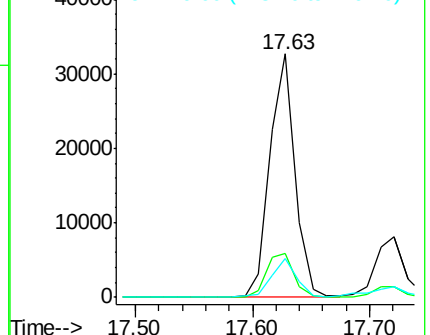
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 1.80 ng

RT: 19.63 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

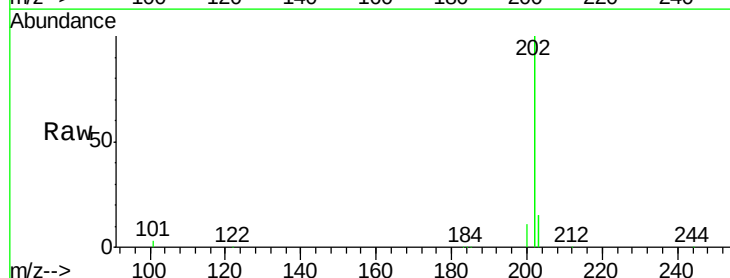
Tgt Ion:202 Resp: 288379

Ion Ratio Lower Upper

202 100

101 2.3 2.2 3.2

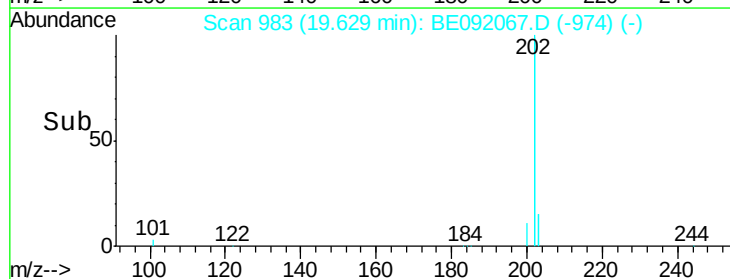
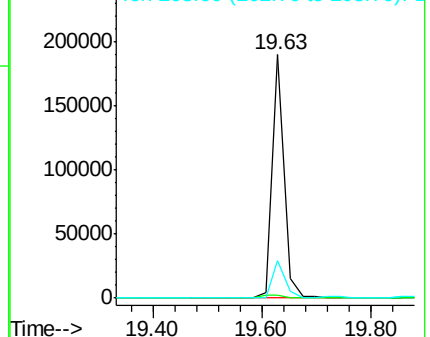
203 16.6 13.0 19.4

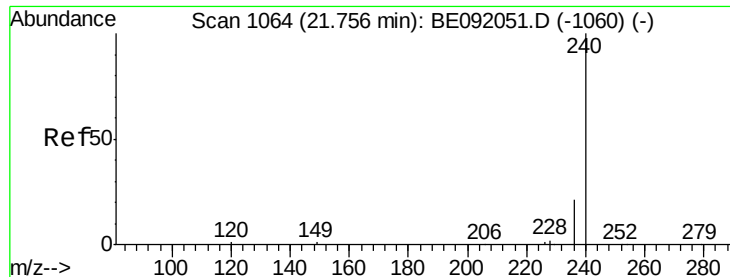


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

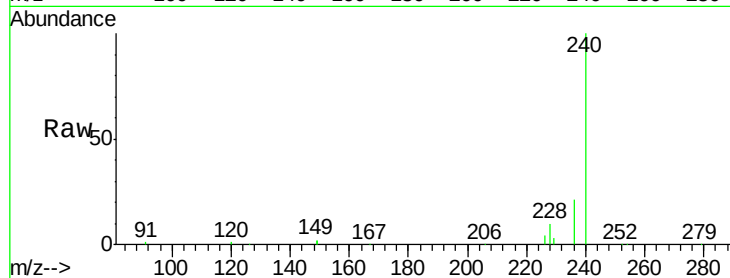
Tgt Ion:240 Resp: 102709

Ion Ratio Lower Upper

240 100

120 0.8 0.6 1.0

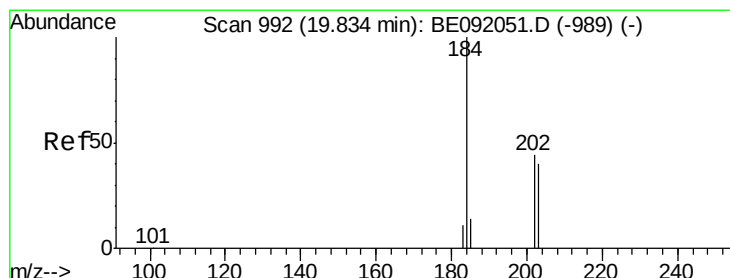
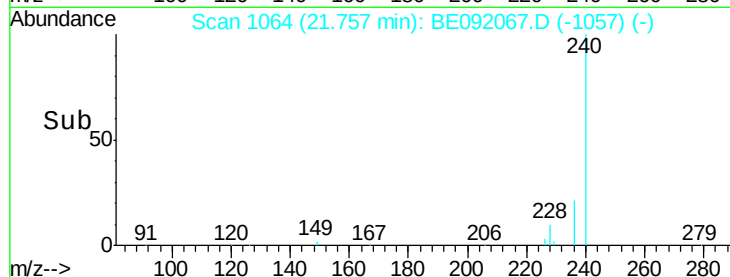
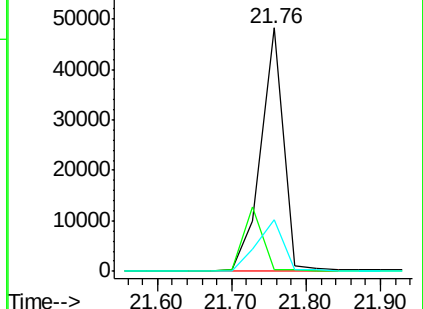
236 21.0 18.2 27.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#32

Benzidine

Concen: Below Cal

RT: 19.90 min Scan# 995

Delta R.T. 0.07 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

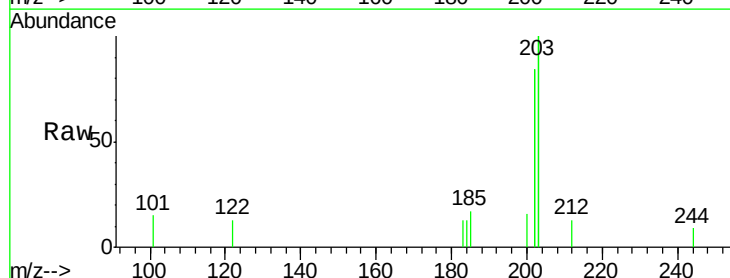
Tgt Ion:184 Resp: 108

Ion Ratio Lower Upper

184 100

185 131.3 23.8 35.6#

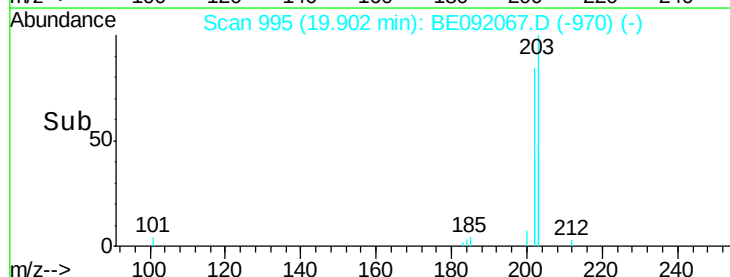
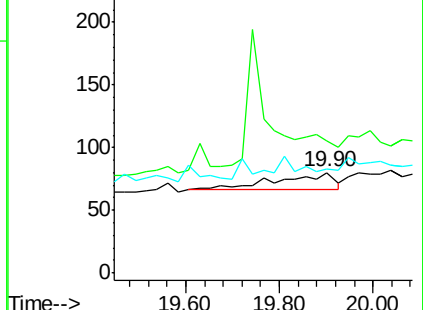
183 103.8 20.7 31.1#

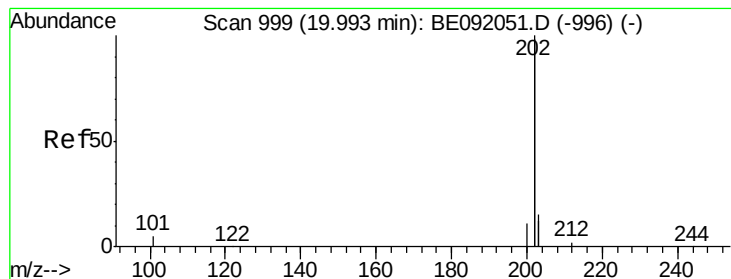


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pyrene

Concen: 2.00 ng

RT: 19.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

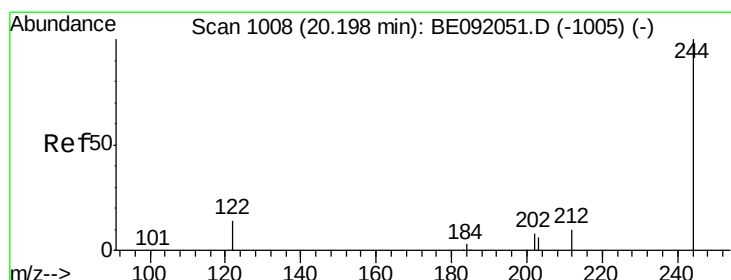
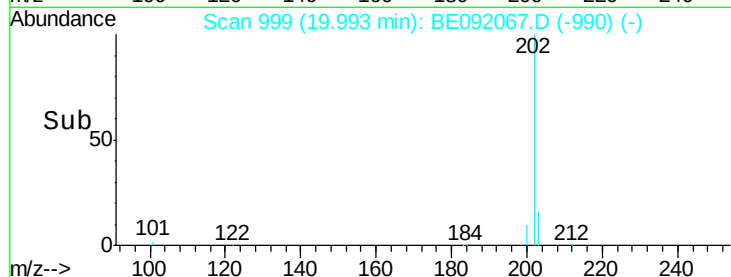
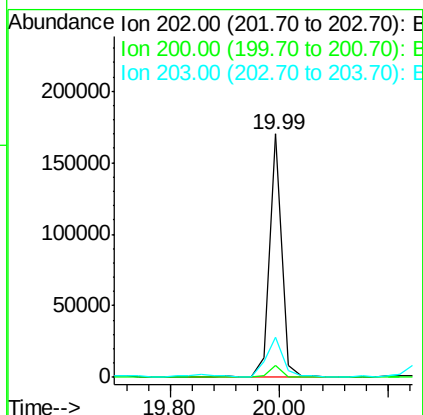
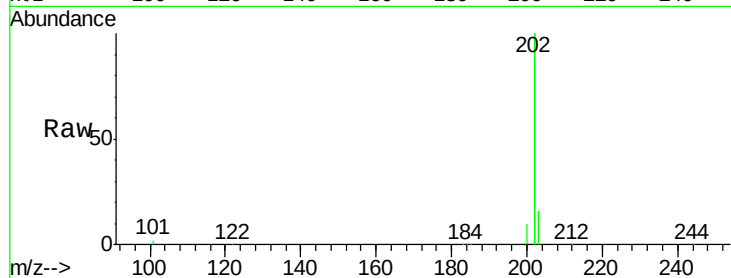
BNA_E

ClientSampleId :

TILCON-MH-SF-004

Tgt Ion: 202 Resp: 264626

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.4	6.6
203	22.8	13.4	20.0



#34

Terphenyl-d14

Concen: 4.64 ng

RT: 20.20 min Scan# 1008

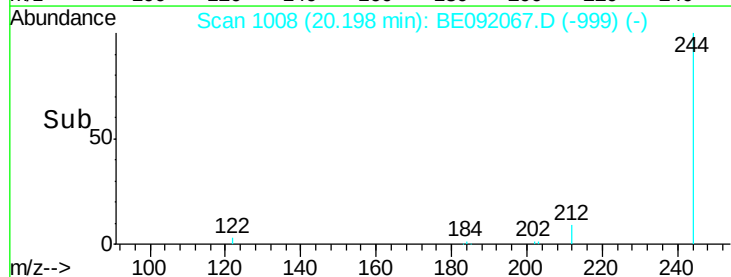
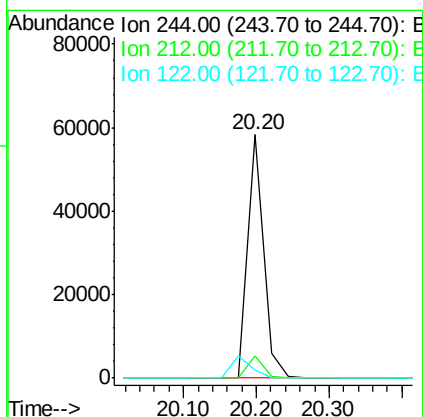
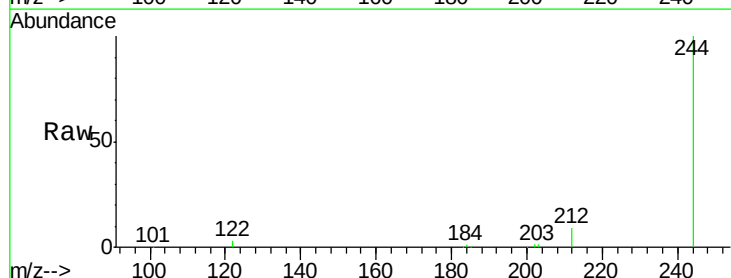
Delta R.T. 0.00 min

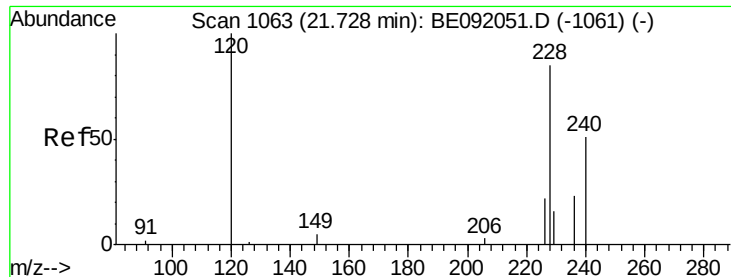
Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Tgt Ion: 244 Resp: 88796

Ion	Ratio	Lower	Upper
244	100		
212	9.2	9.1	13.7
122	3.4	11.0	16.4





#35

Benzo(a)anthracene

Concen: 1.55 ng

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

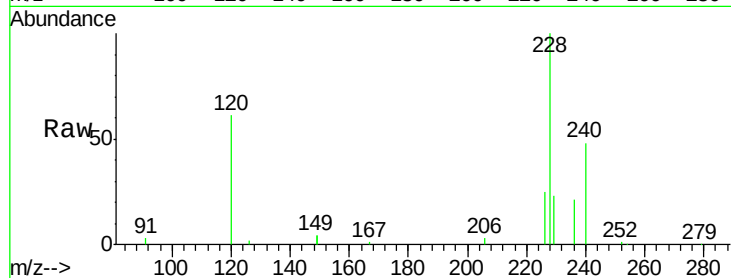
Tgt Ion:228 Resp: 67034

Ion Ratio Lower Upper

228 100

226 24.9 22.1 33.1

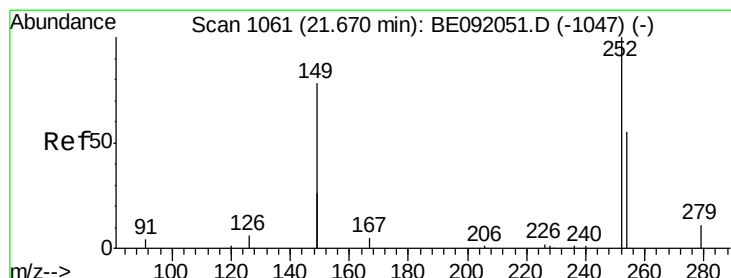
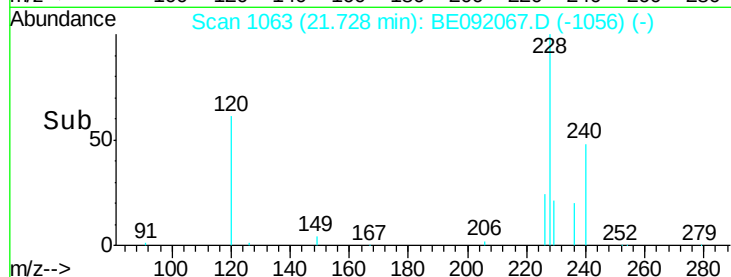
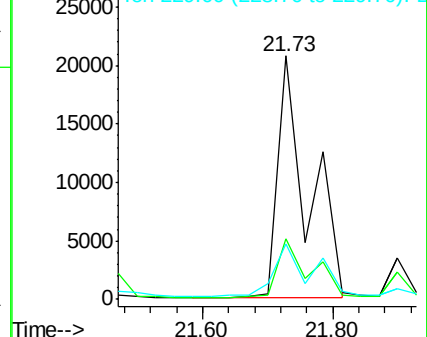
229 22.9 15.1 22.7#



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: 0.27 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

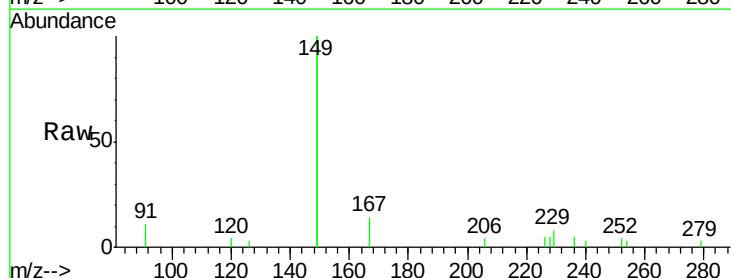
Tgt Ion:252 Resp: 153

Ion Ratio Lower Upper

252 100

254 67.5 44.2 66.2#

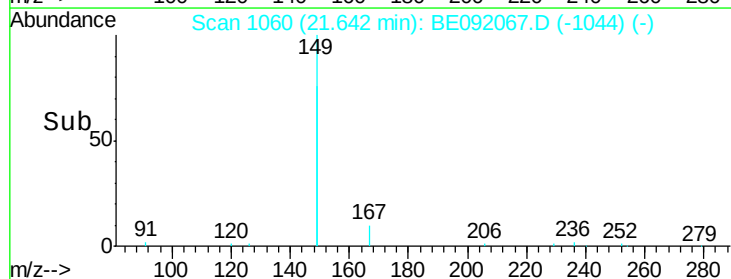
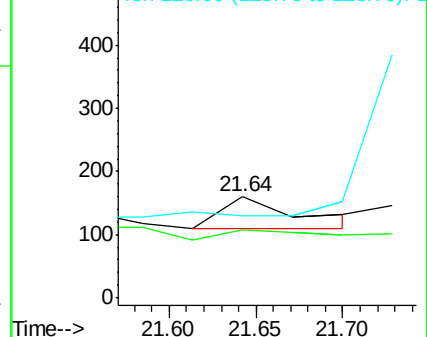
126 81.3 10.6 15.8#

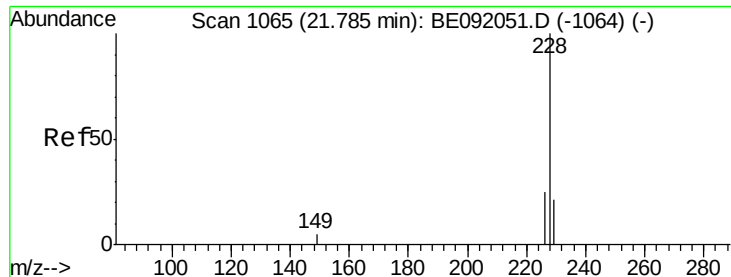


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 2.07 ng

RT: 21.73 min Scan# 1063

Delta R.T. -0.06 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

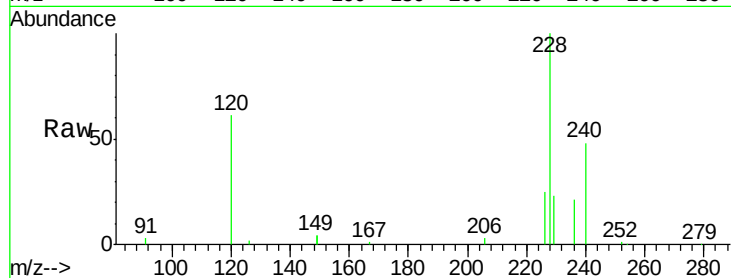
Tgt Ion: 228 Resp: 66924

Ion Ratio Lower Upper

228 100

226 24.9 22.3 33.5

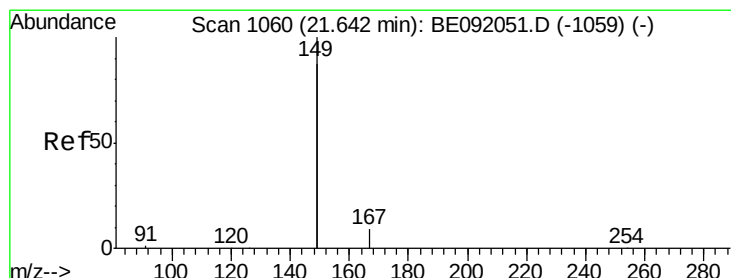
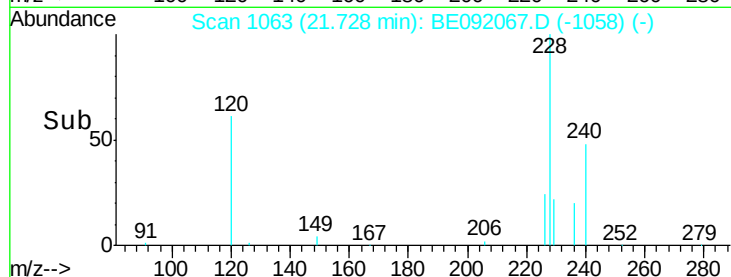
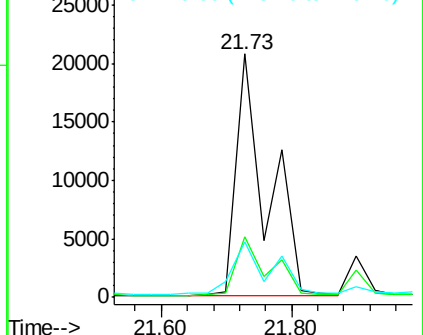
229 22.9 16.9 25.3



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: 0.18 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

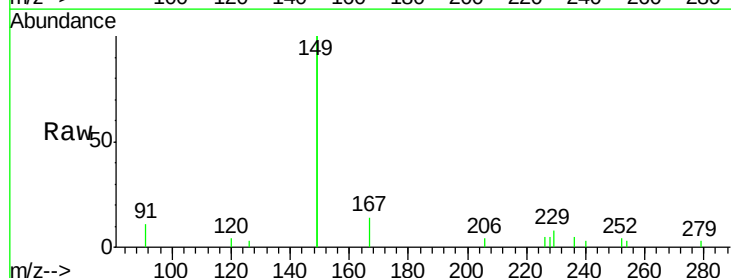
Tgt Ion: 149 Resp: 11248

Ion Ratio Lower Upper

149 100

167 6.1 3.8 5.6#

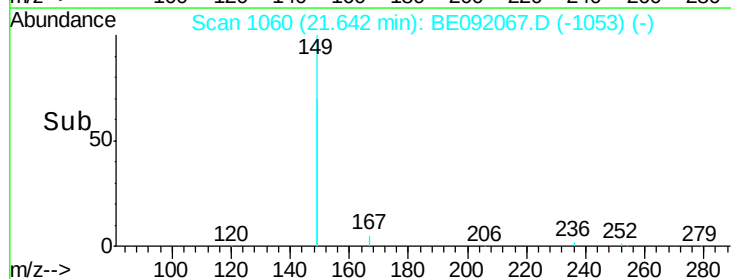
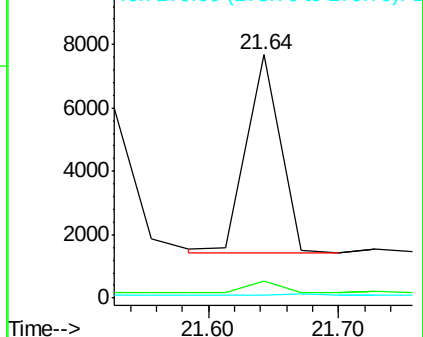
279 0.0 0.0 0.0

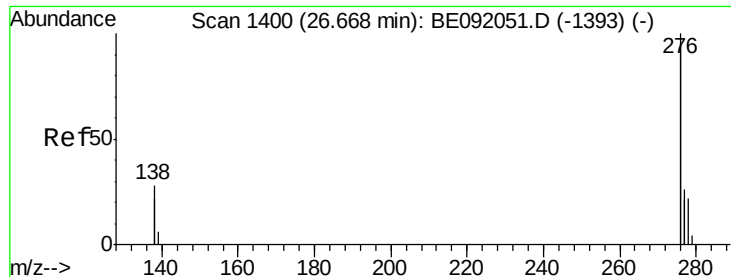


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Indeno(1,2,3-cd)pyrene

Concen: 0.49 ng

RT: 26.65 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

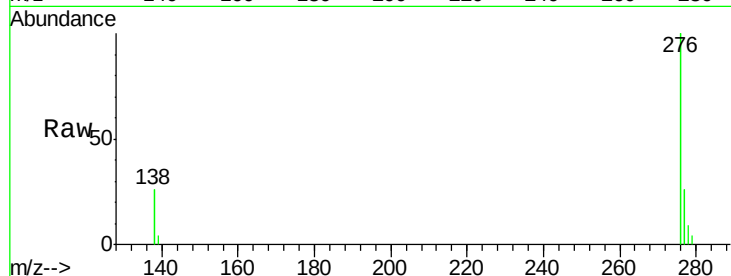
Tgt Ion:276 Resp: 58937

Ion Ratio Lower Upper

276 100

138 21.7 21.2 31.8

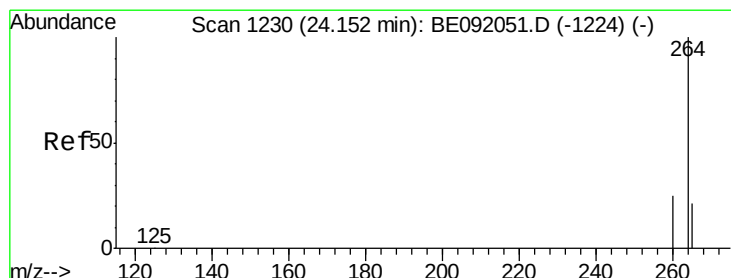
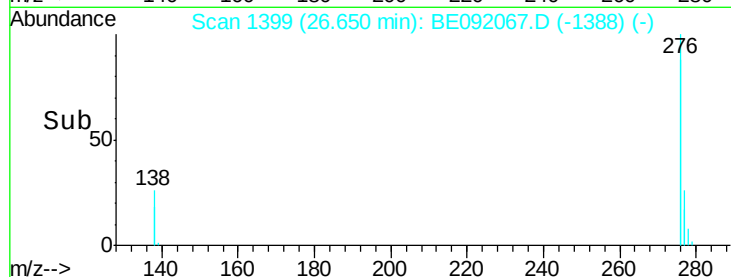
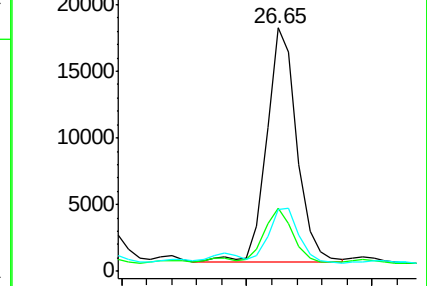
277 23.3 19.8 29.8



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: BE092067.D

Acq: 28 Jul 2016 5:06

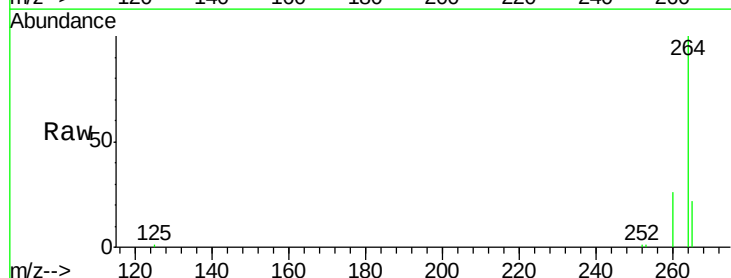
Tgt Ion:264 Resp: 128409

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

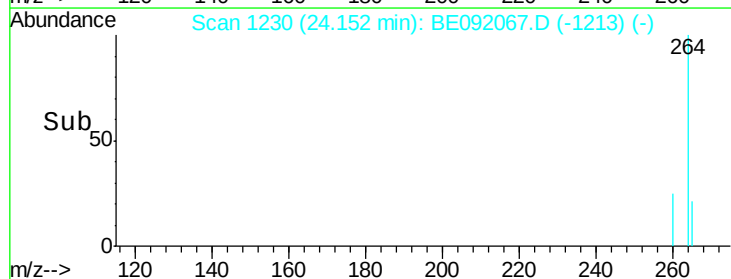
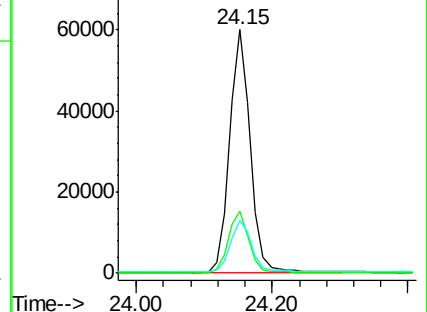
265 21.8 16.6 25.0

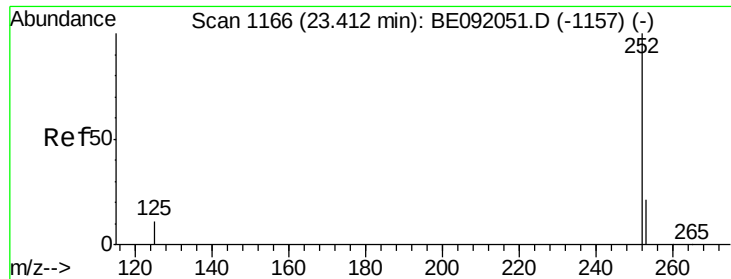


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 1.32 ng

RT: 23.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

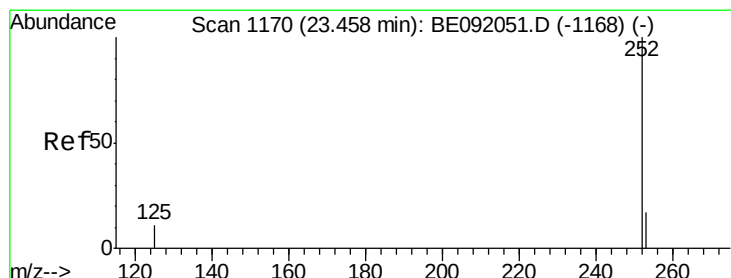
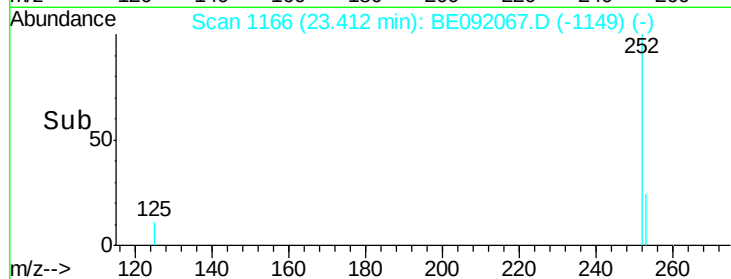
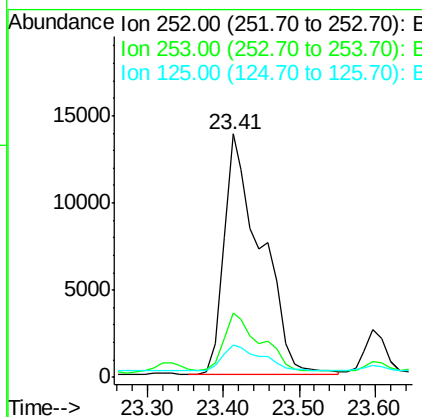
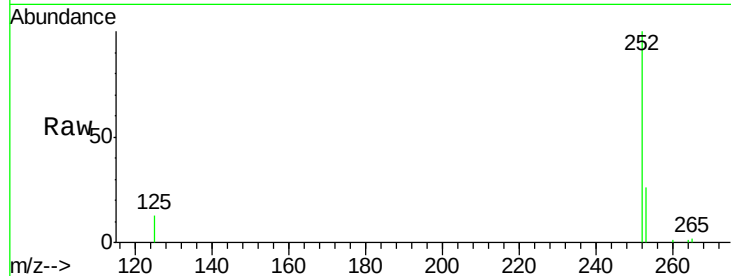
BNA_E

ClientSampleId :

TILCON-MH-SF-004

Tgt Ion:252 Resp: 46462

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.0#
125	13.3	10.2	15.2



#42

Benzo(k)fluoranthene

Concen: 1.29 ng

RT: 23.41 min Scan# 1166

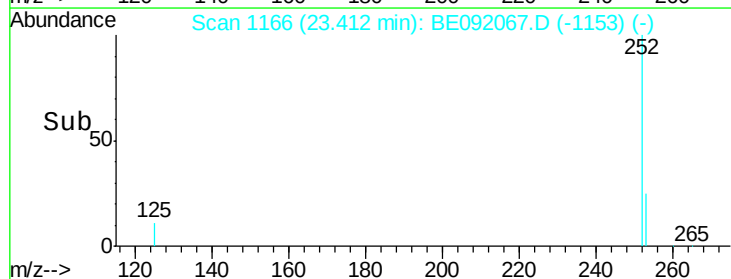
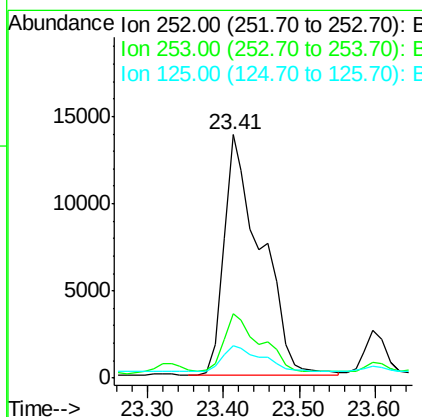
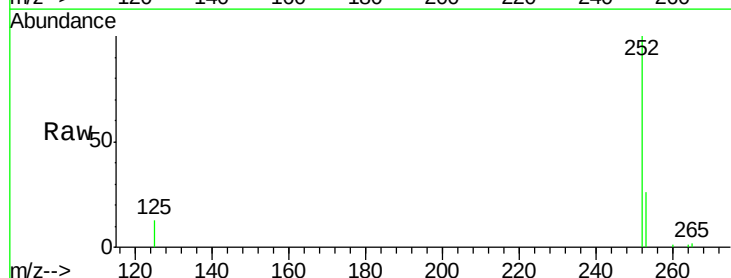
Delta R.T. -0.05 min

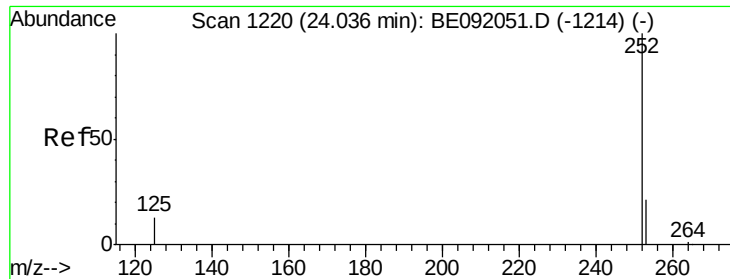
Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Tgt Ion:252 Resp: 46462

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.4	29.0
125	13.3	8.9	13.3





#43

Benzo(a)pyrene

Concen: 0.76 ng

RT: 24.04 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004

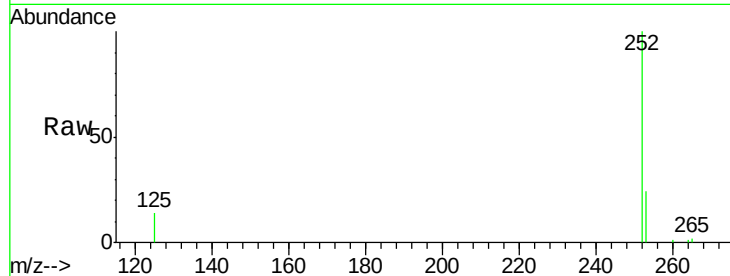
Tgt Ion: 252 Resp: 24966

Ion Ratio Lower Upper

252 100

253 24.0 19.8 29.8

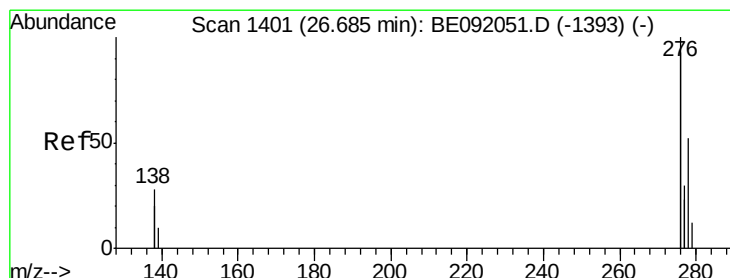
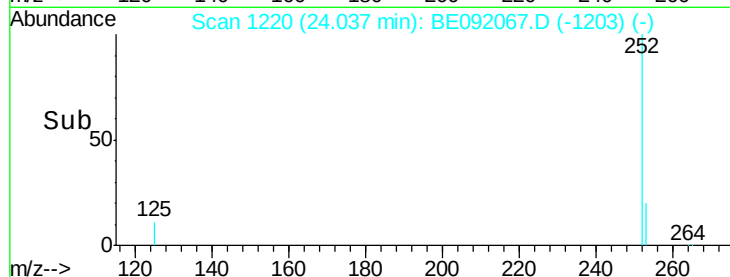
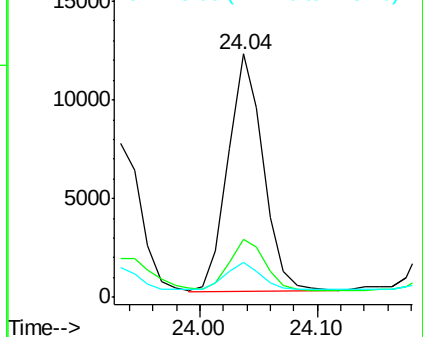
125 14.5 10.4 15.6



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: 0.12 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BE092067.D

Acq: 28 Jul 2016 5:06

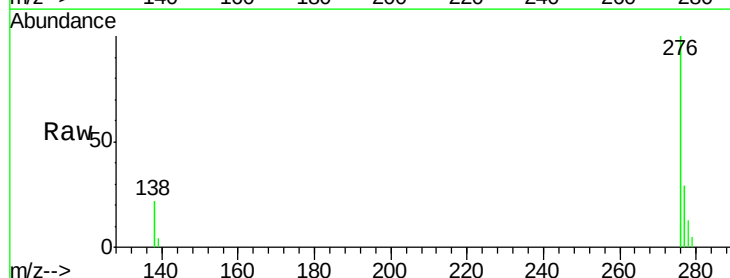
Tgt Ion: 278 Resp: 3490

Ion Ratio Lower Upper

278 100

139 32.8 16.7 25.1#

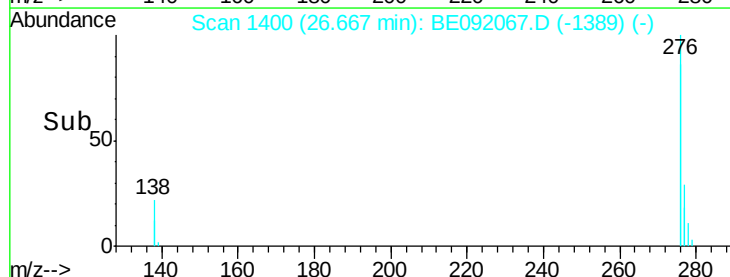
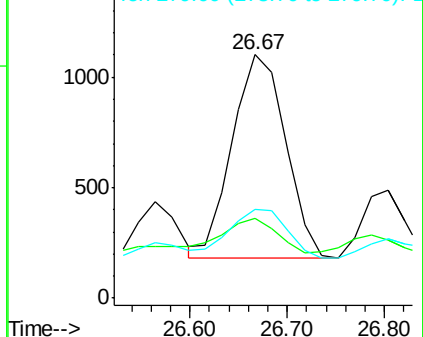
279 36.6 20.3 30.5#

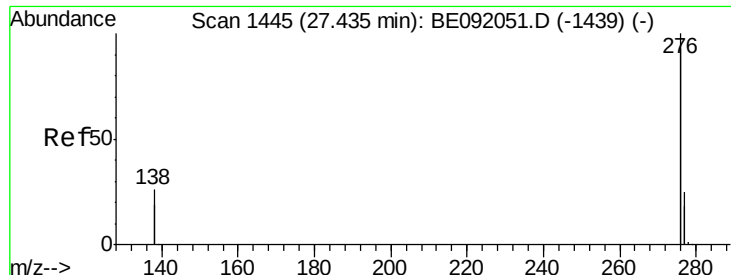


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.52 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE092067.D

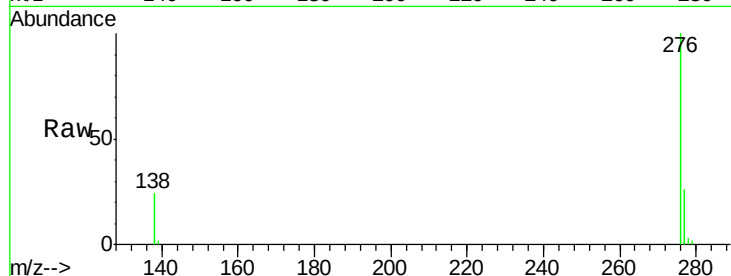
Acq: 28 Jul 2016 5:06

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004



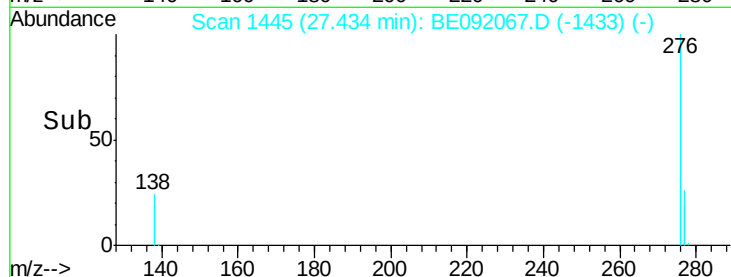
Tgt Ion: 276 Resp: 61790

Ion Ratio Lower Upper

276 100

277 25.7 19.5 29.3

138 24.5 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

