

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086051.D
 Acq On : 4 Apr 2016 21:42
 Operator : UM/SJ
 Sample : H2087-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Quant Time: Apr 05 01:03:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	119144	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	432123	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	187422	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	291155	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	224501	20.00	ng	-0.01
86) Perylene-d12	15.32	264	164068	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	770430	110.53	ng	0.00
7) Phenol-d6	6.41	99	951694	107.49	ng	-0.01
23) Nitrobenzene-d5	7.33	82	599399	81.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	166822	94.83	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1008704	89.49	ng	-0.01
78) Terphenyl-d14	12.87	244	686502	71.88	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	215	0.07	ng	# 25
6) Aniline	6.53	93	813	0.07	ng	# 1
9) Benzaldehyde	6.53	77	16215	3.40	ng	# 82
10) Phenol	6.43	94	2870	0.28	ng	# 9
11) bis(2-Chloroethyl)ether	6.53	93	813	0.10	ng	# 1
15) Benzyl Alcohol	6.92	79	9697	1.69	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	6.83	45	226	0.02	ng	# 65
19) n-Nitroso-di-n-propylamine	7.33	70	78521	14.31	ng	# 77
24) Nitrobenzene	7.33	77	1744	0.22	ng	# 38
25) Isophorone	7.33	82	462629	31.98	ng	# 68
31) Naphthalene	8.19	128	592	0.03	ng	# 1
45) 1,1'-Biphenyl	9.13	154	1979	0.12	ng	# 1
47) 2-Nitroaniline	9.52	65	970	0.28	ng	# 1
48) Acenaphthylene	9.66	152	208	0.01	ng	# 60
49) Dimethylphthalate	9.52	163	101622	7.32	ng	# 99
50) 2,6-Dinitrotoluene	9.52	165	1138	0.39	ng	# 1
51) Acenaphthene	9.80	154	498	0.04	ng	# 4
56) 2,4-Dinitrotoluene	9.80	165	22582	6.08	ng	# 38
57) Fluorene	10.59	166	8251	0.66	ng	# 93
59) Diethylphthalate	10.22	149	1092	0.08	ng	# 59
62) Azobenzene	10.59	77	1037	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.59	198	354	0.20	ng	# 1
65) n-Nitrosodiphenylamine	10.59	169	5717	0.63	ng	# 43
66) 4-Bromophenyl-phenylether	10.59	248	11794	3.97	ng	# 1
70) Phenanthrene	11.30	178	593	0.04	ng	# 59
71) Anthracene	11.30	178	593	0.04	ng	# 59
73) Di-n-butylphthalate	11.85	149	4453	0.25	ng	# 92
74) Fluoranthene	12.50	202	250	0.02	ng	# 60
77) Pyrene	12.73	202	437	0.03	ng	# 57
79) Butylbenzylphthalate	13.33	149	1254	0.18	ng	# 6
80) Benzo(a)anthracene	13.92	228	1300	0.10	ng	# 42
82) Chrysene	13.92	228	1300	0.10	ng	# 40
83) Bis(2-ethylhexyl)phthalate	13.89	149	1482	0.16	ng	# 75
84) Di-n-octyl phthalate	14.49	149	996	0.07	ng	# 78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	14.92	252	944	0.09	ng	# 1
88) Benzo(k)fluoranthene	14.92	252	944	0.10	ng	# 1
89) Benzo(a)pyrene	15.27	252	485	0.05	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

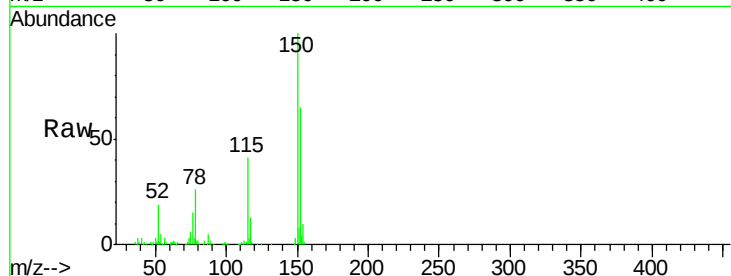
Tgt Ion:152 Resp: 119144

Ion Ratio Lower Upper

152 100

150 154.0 124.2 186.2

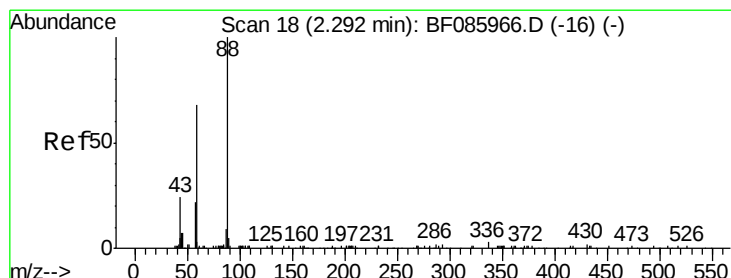
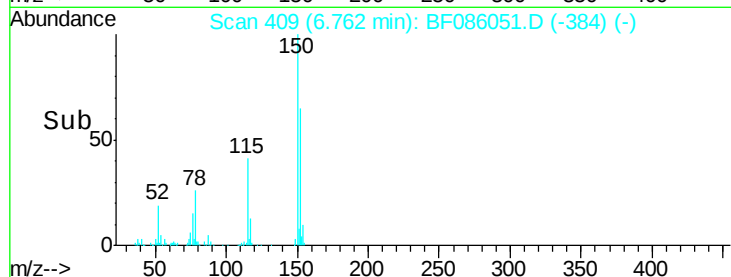
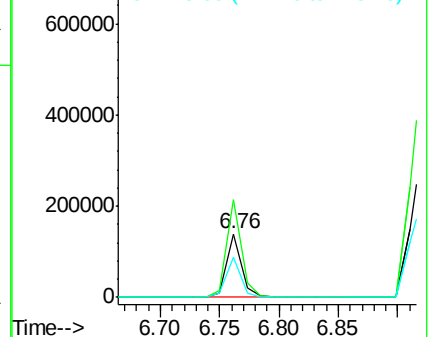
115 63.5 47.0 70.6



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



#2

1,4-Dioxane

Concen: 0.07 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

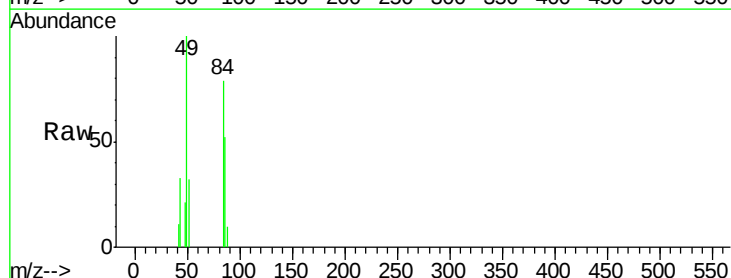
Tgt Ion: 88 Resp: 215

Ion Ratio Lower Upper

88 100

58 0.0 54.2 81.2#

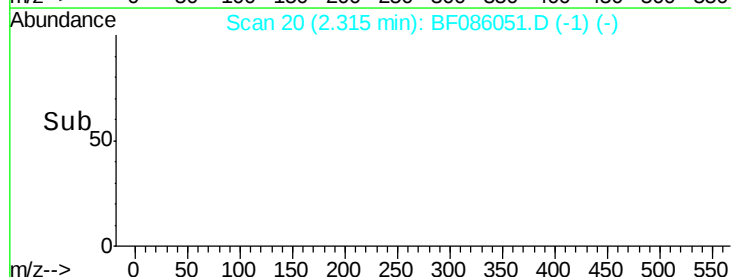
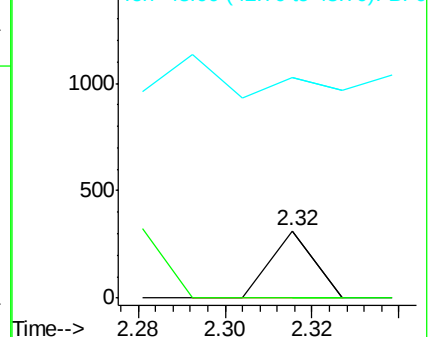
43 0.0 19.3 28.9#

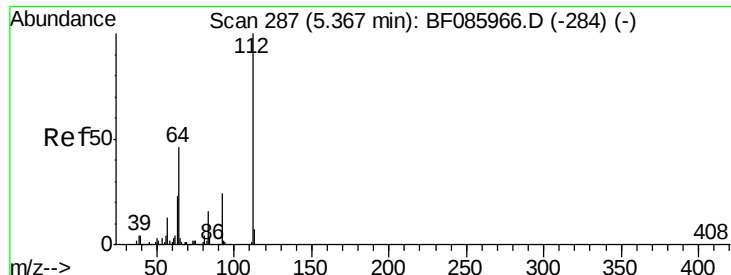


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 110.53 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086051.D

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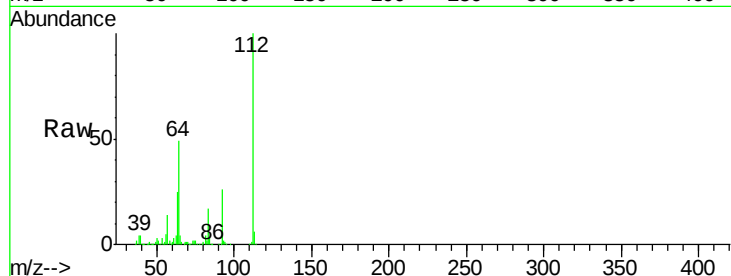
Tgt Ion: 112 Resp: 770430

Ion Ratio Lower Upper

112 100

64 49.1 39.9 59.9

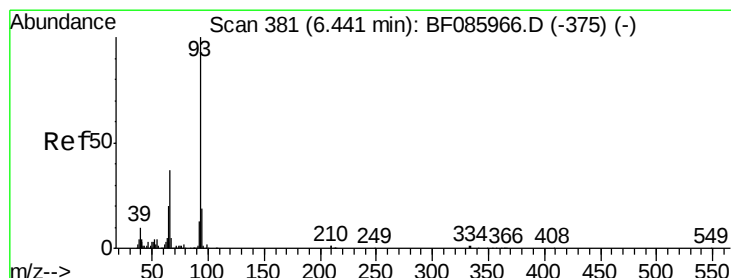
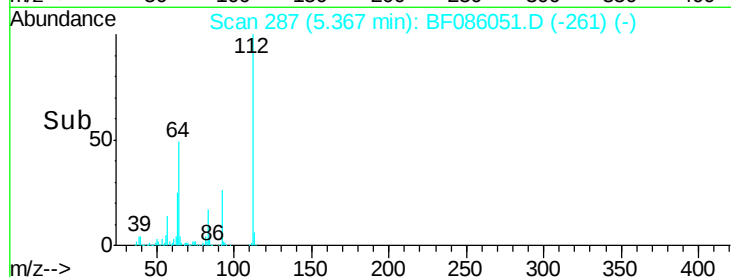
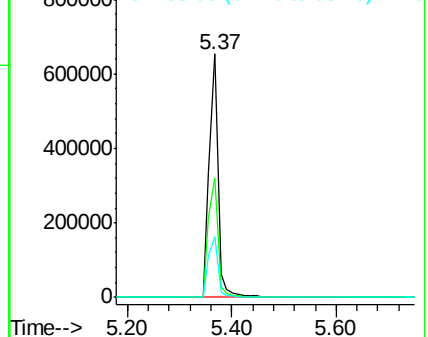
63 24.9 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.07 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.09 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

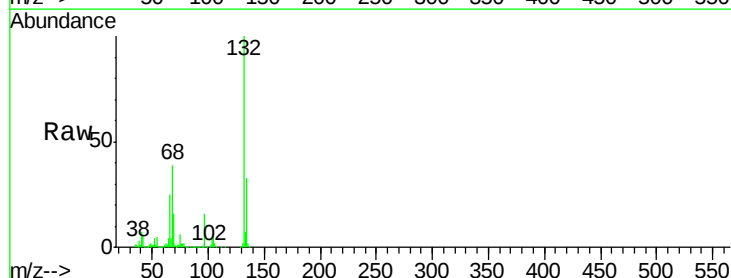
Tgt Ion: 93 Resp: 813

Ion Ratio Lower Upper

93 100

66 16113.3 31.4 47.2#

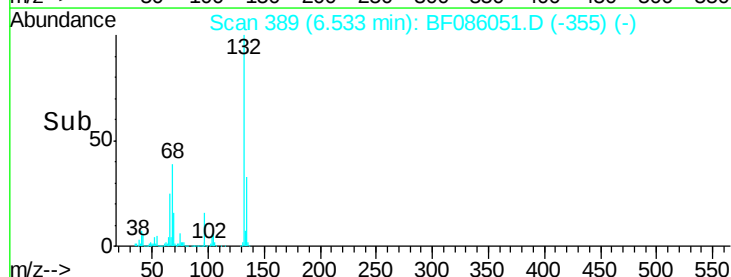
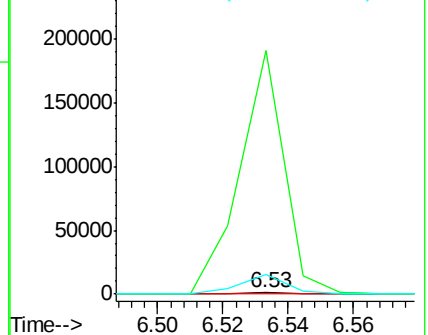
65 1300.3 15.7 23.5#

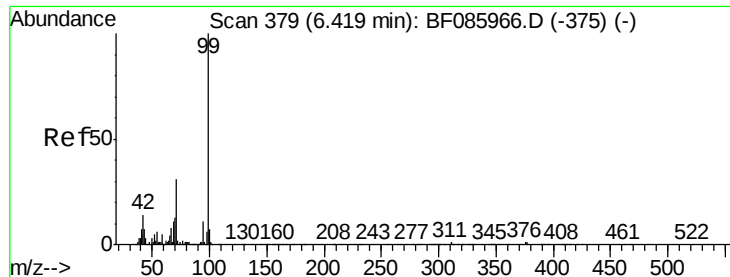


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.49 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

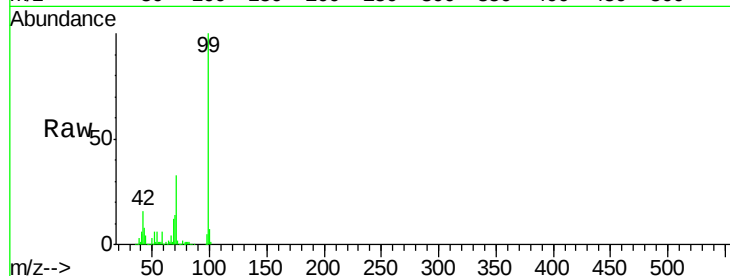
Tgt Ion: 99 Resp: 951694

Ion Ratio Lower Upper

99 100

42 16.2 11.1 16.7

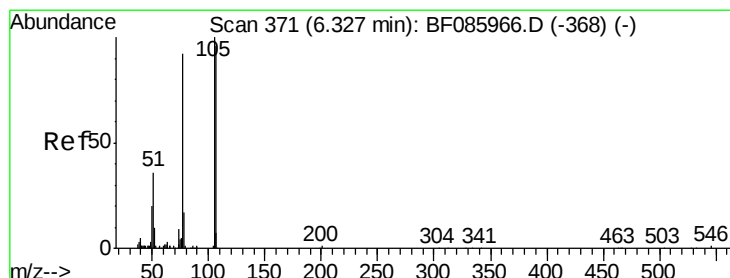
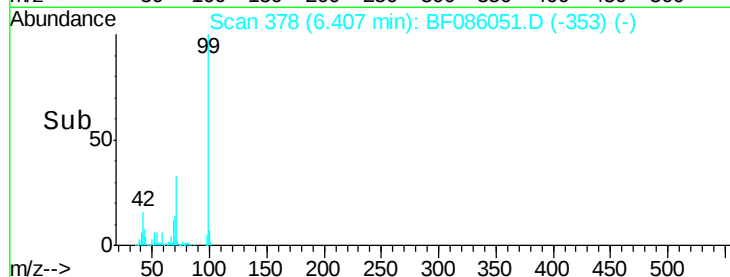
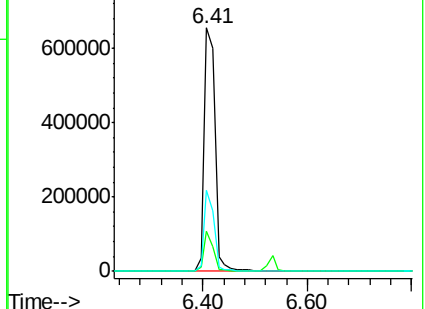
71 33.3 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.40 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

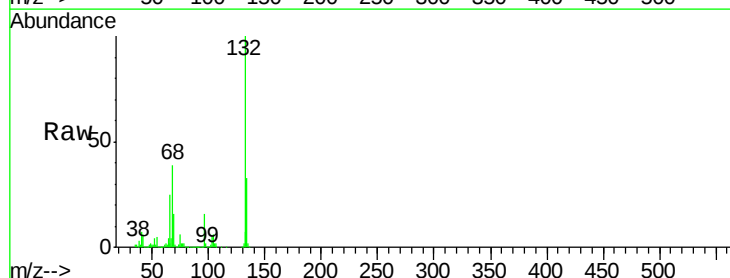
Tgt Ion: 77 Resp: 16215

Ion Ratio Lower Upper

77 100

105 81.7 80.1 120.1

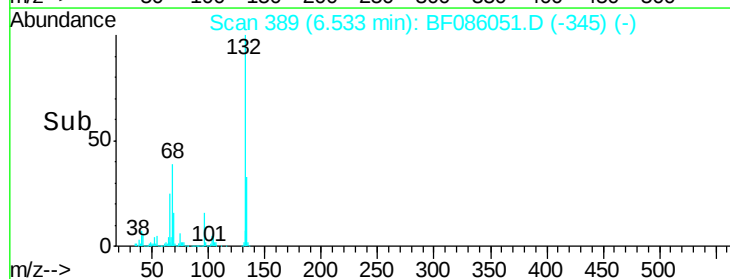
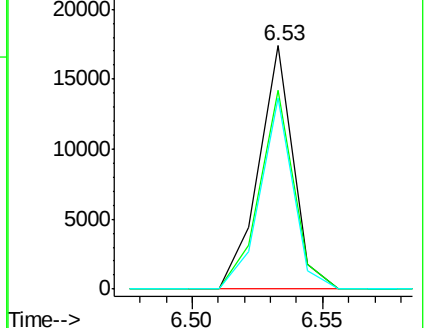
106 78.6 75.0 115.0

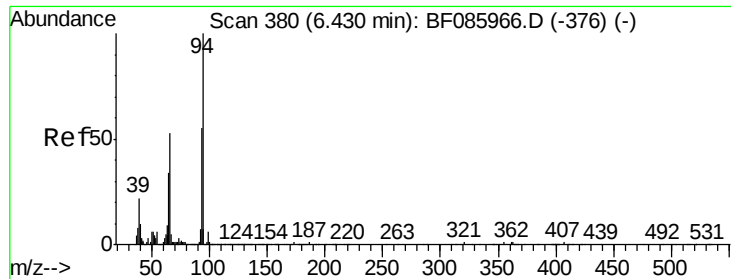


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.28 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

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ClientSampleId :

TILCON-MH-SF-002

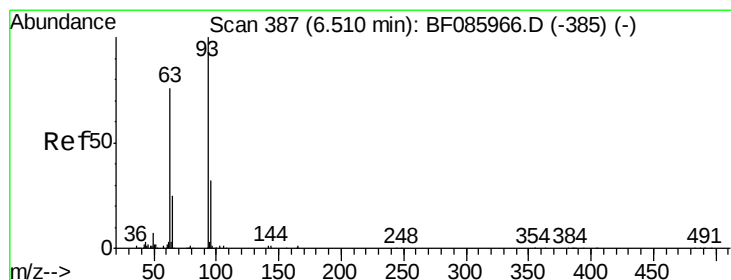
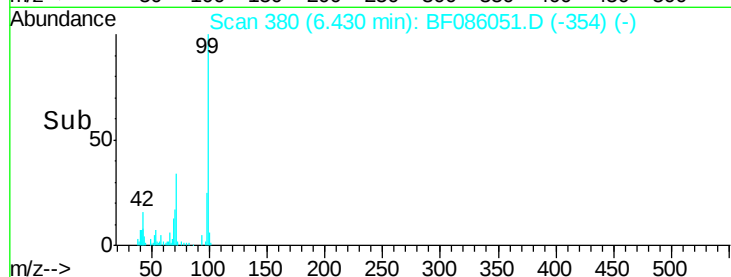
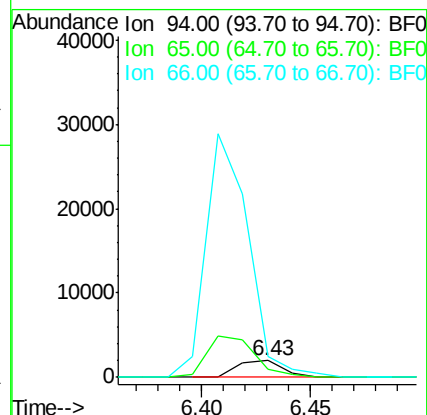
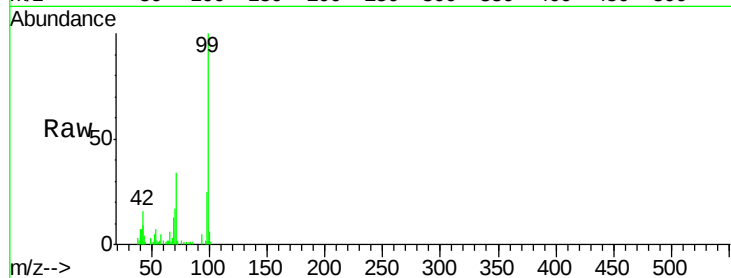
Tgt Ion: 94 Resp: 2870

Ion Ratio Lower Upper

94 100

65 46.6 8.6 48.6

66 121.6 20.0 60.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

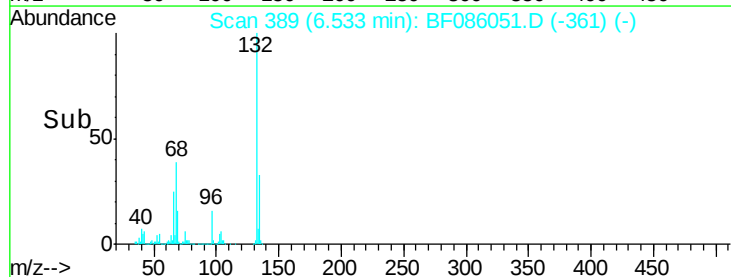
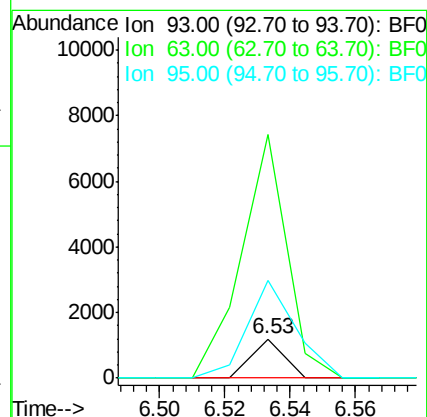
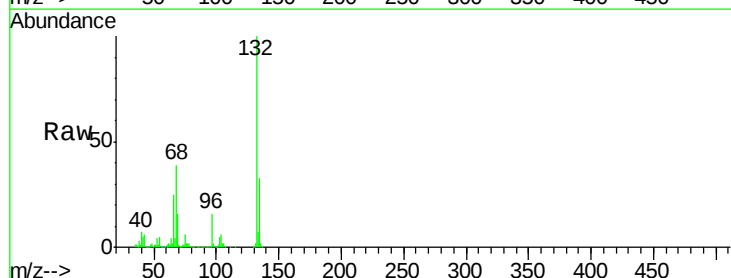
Tgt Ion: 93 Resp: 813

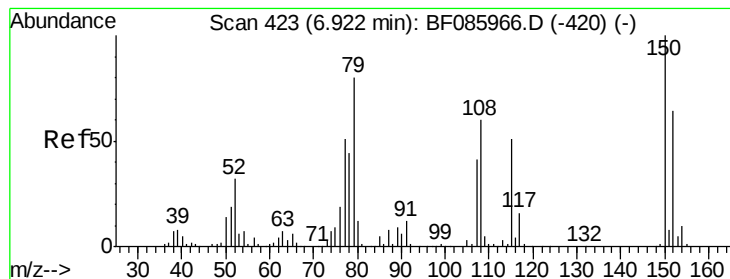
Ion Ratio Lower Upper

93 100

63 626.2 50.9 90.9#

95 249.8 13.3 53.3#





#15

Benzyl Alcohol

Concen: 1.69 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

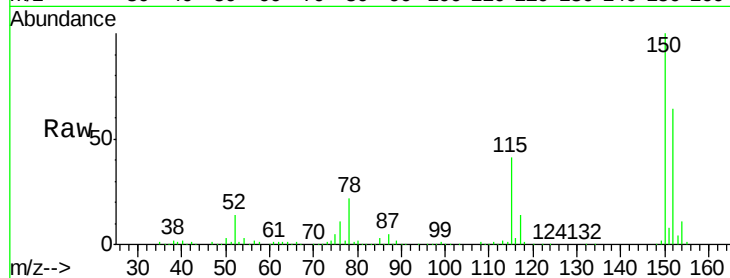
Tgt Ion: 79 Resp: 9697

Ion Ratio Lower Upper

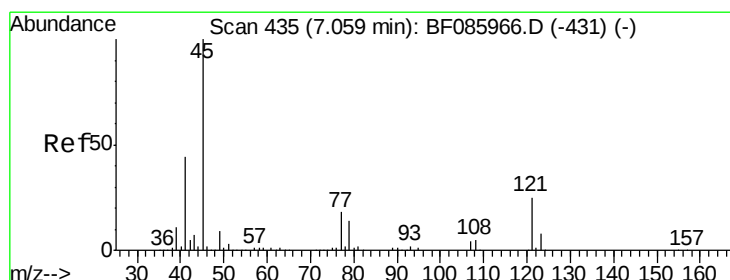
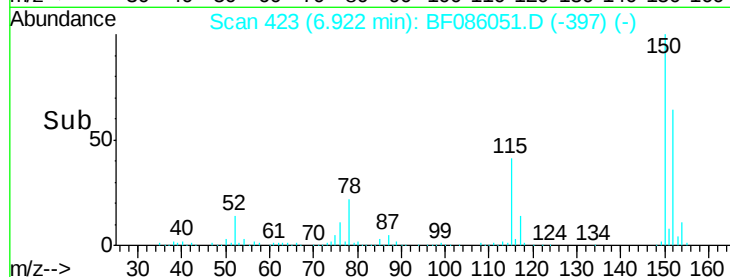
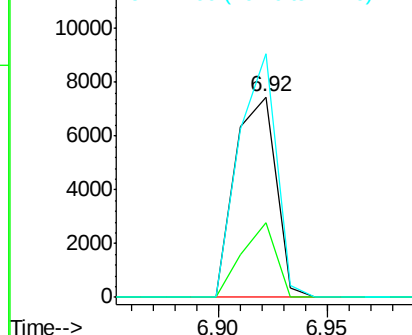
79 100

108 37.4 61.8 92.6#

77 121.4 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.02 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.23 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

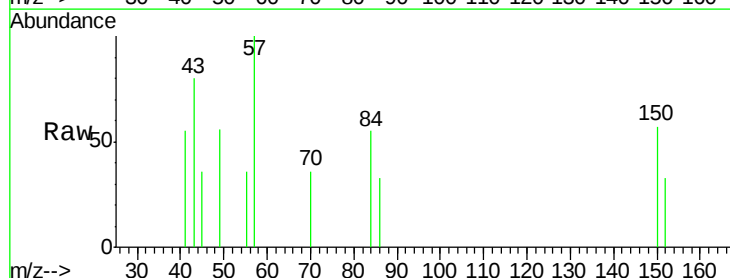
Tgt Ion: 45 Resp: 226

Ion Ratio Lower Upper

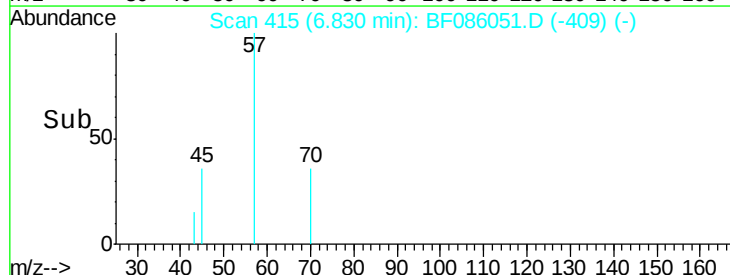
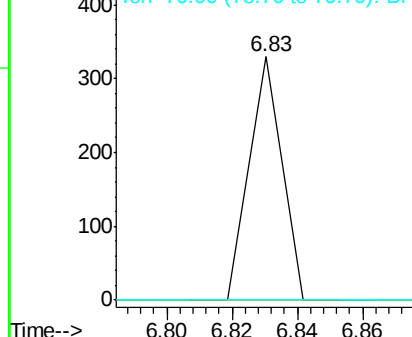
45 100

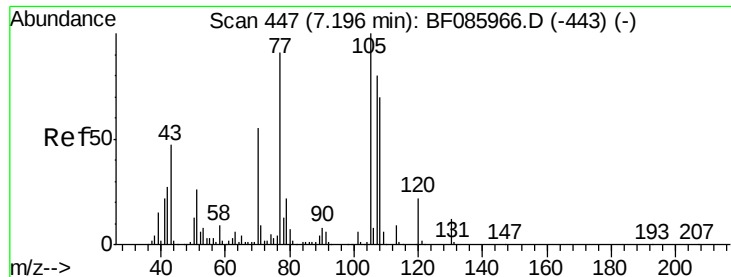
77 0.0 0.0 35.7

79 0.0 0.0 32.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

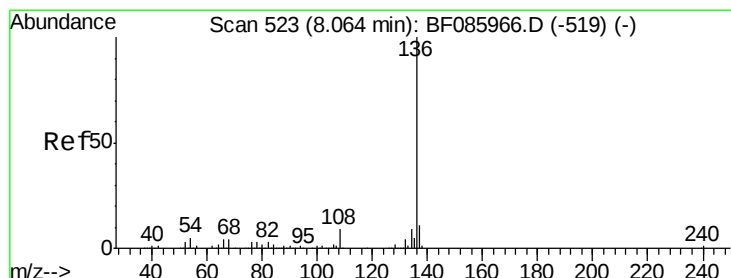
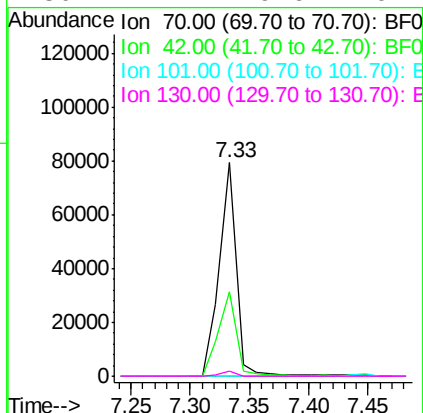
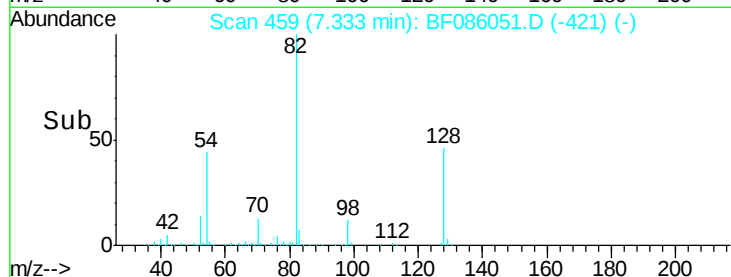
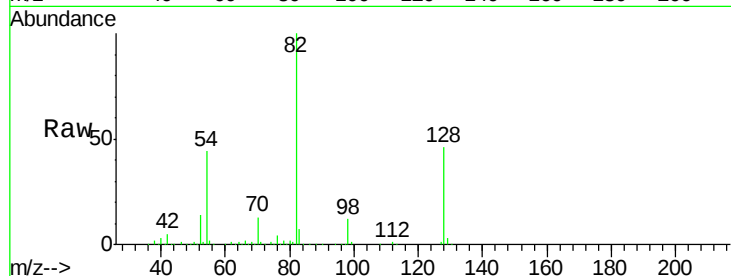




#19
n-Nitroso-di-n-propylamine
Concen: 14.31 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

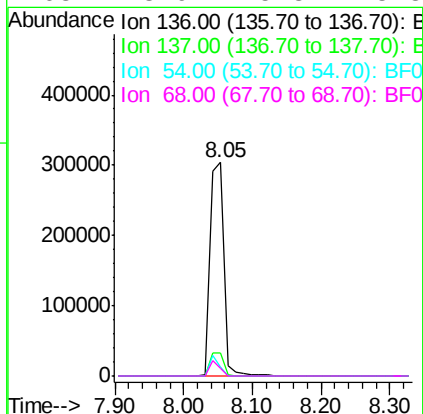
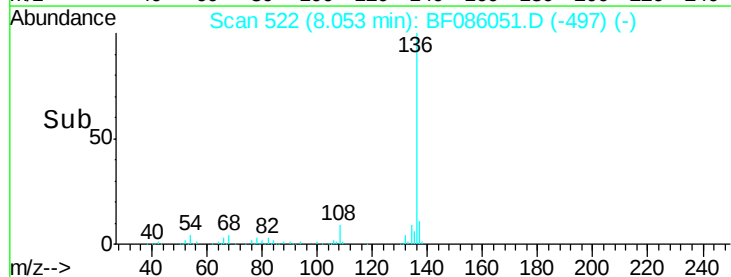
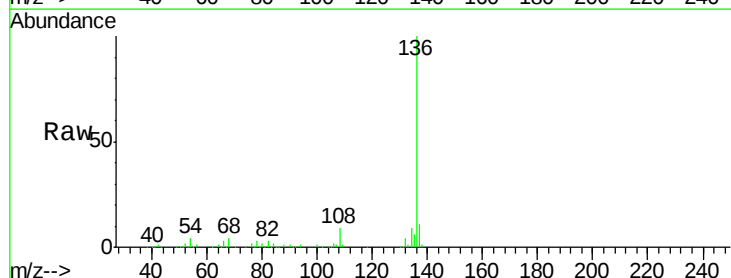
Instrument :
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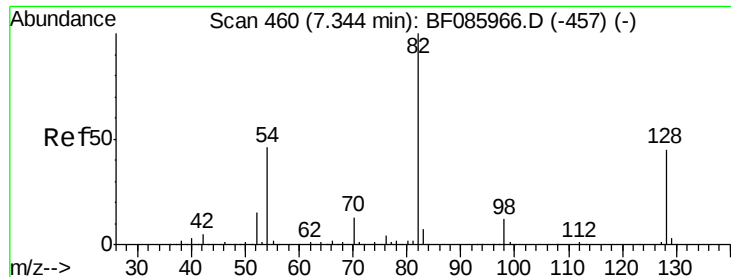
Tgt Ion: 70 Resp: 78521
Ion Ratio Lower Upper
70 100
42 39.4 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Tgt Ion: 136 Resp: 432123
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 4.5 7.4 11.0#
68 3.9 5.8 8.8#

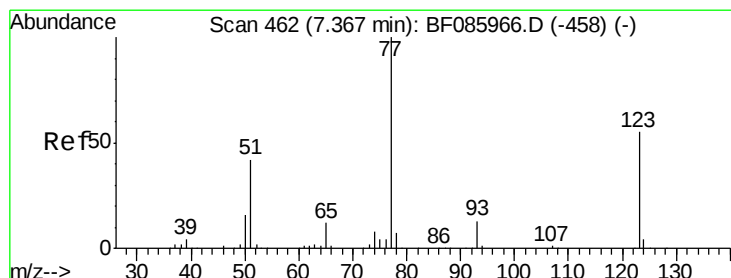
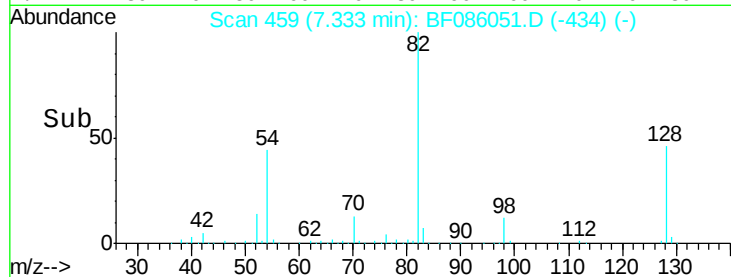
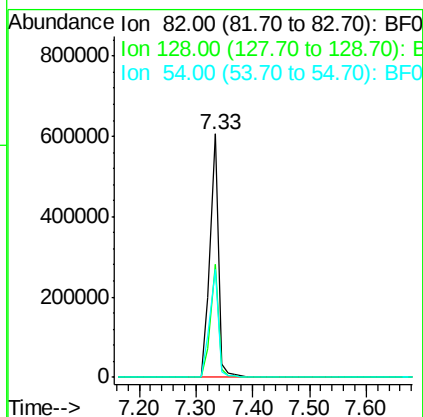
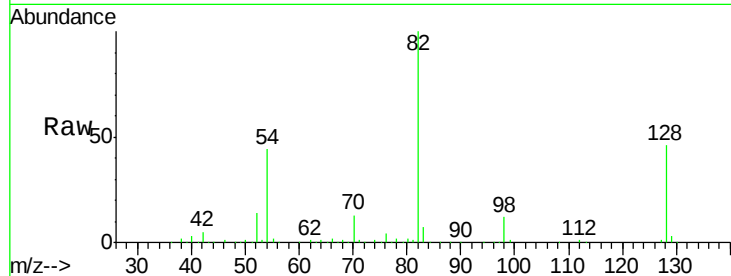




#23
 Nitrobenzene-d5
 Concen: 81.80 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

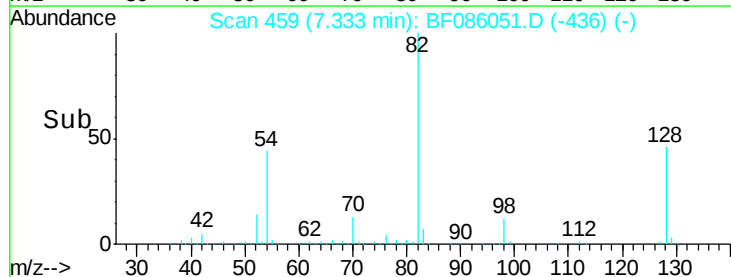
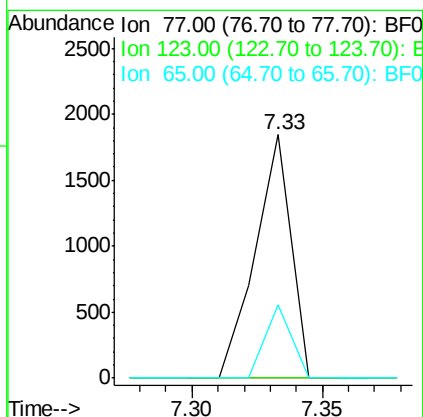
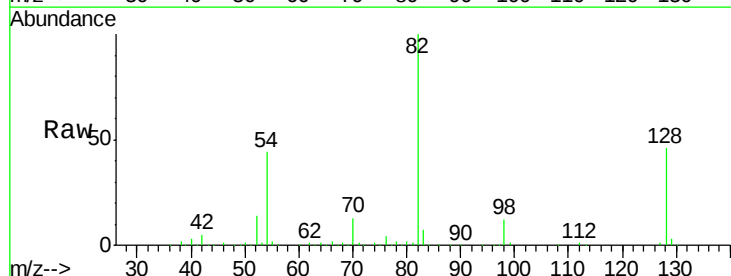
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

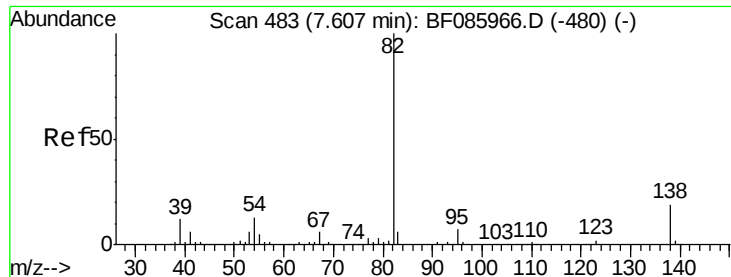
Tgt Ion: 82 Resp: 599399
 Ion Ratio Lower Upper
 82 100
 128 46.2 41.8 62.8
 54 44.3 33.4 50.0



#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Tgt Ion: 77 Resp: 1744
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.0 52.4#
 65 30.3 10.6 16.0#





#25

Isophorone

Concen: 31.98 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

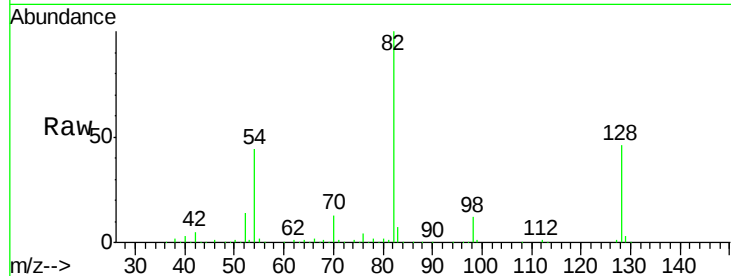
Tgt Ion: 82 Resp: 462629

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

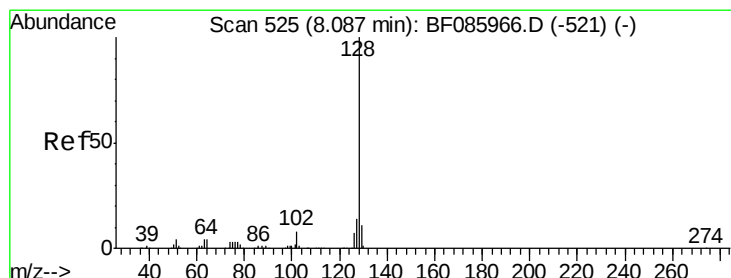
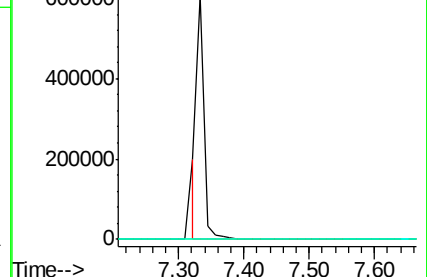
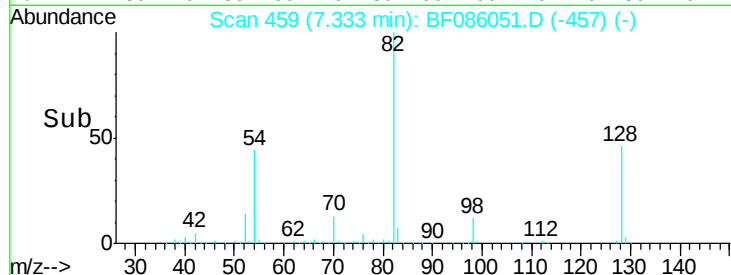
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 0.03 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.10 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

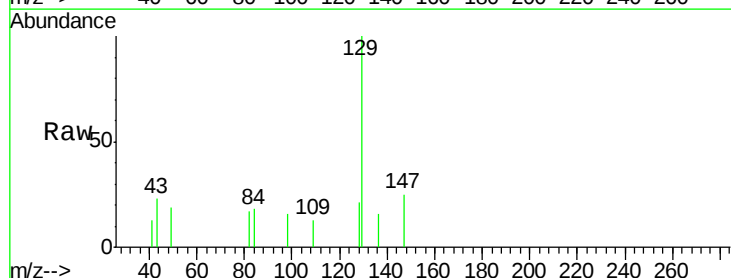
Tgt Ion: 128 Resp: 592

Ion Ratio Lower Upper

128 100

129 481.4 9.4 14.0#

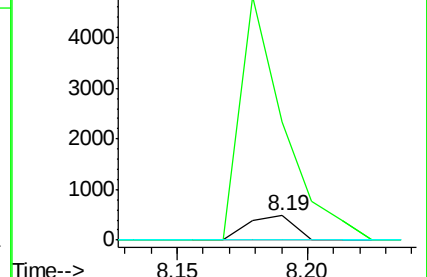
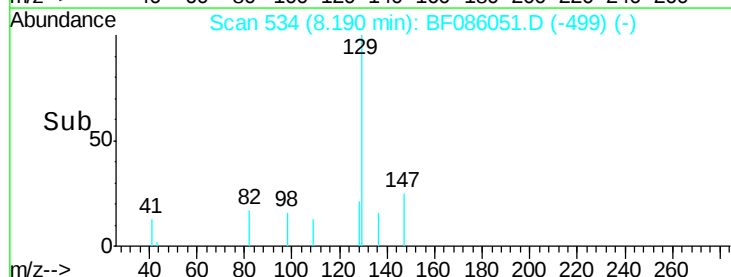
127 0.0 11.0 16.6#

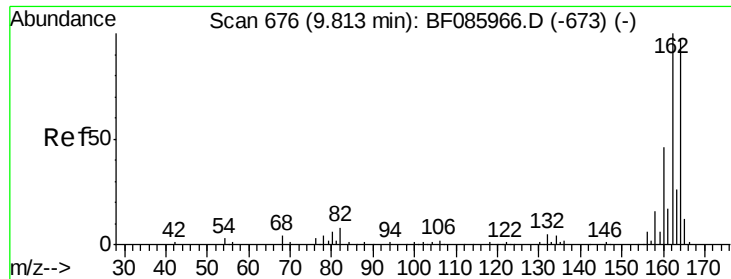


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

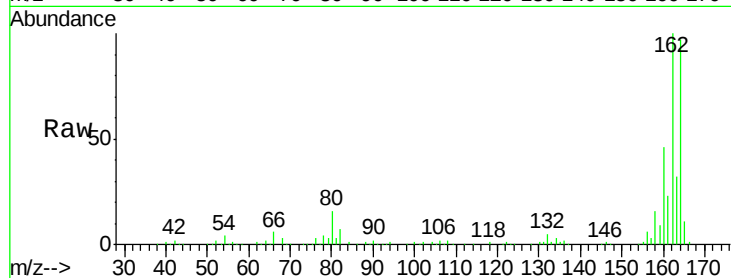




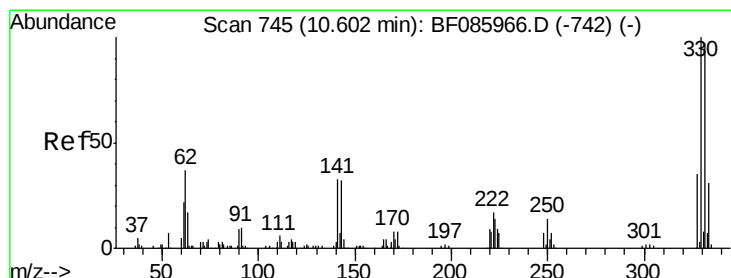
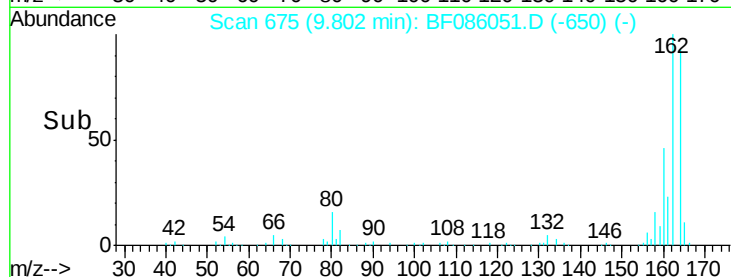
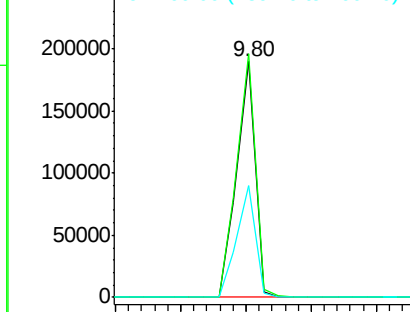
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Tgt Ion:164 Resp: 187422
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.1 123.1
 160 47.4 37.4 56.2

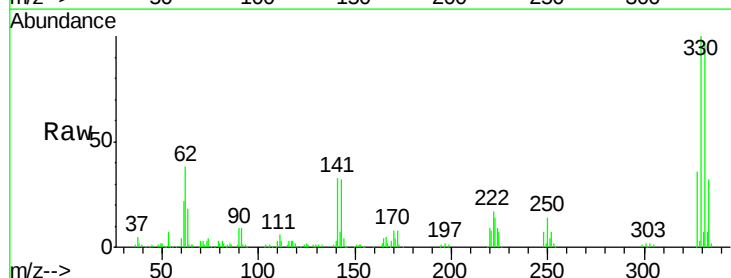


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

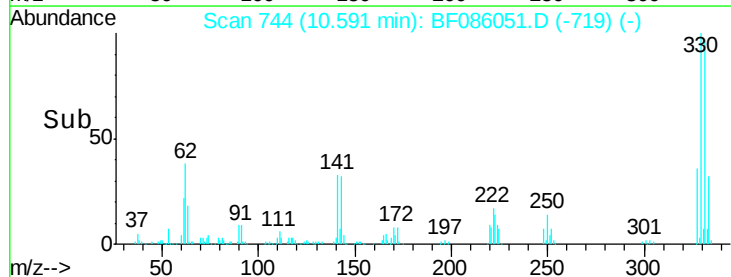
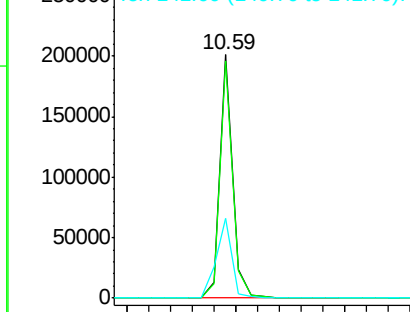


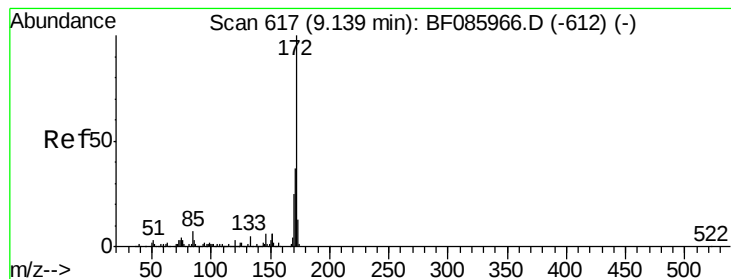
#41
 2,4,6-Tribromophenol
 Concen: 94.83 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Tgt Ion:330 Resp: 166822
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 39.8 31.5 47.3



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





#44

2-Fluorobiphenyl

Concen: 89.49 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

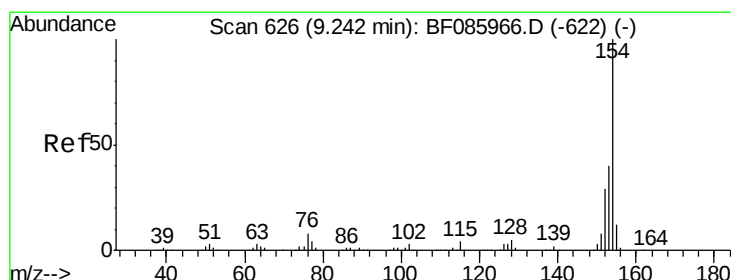
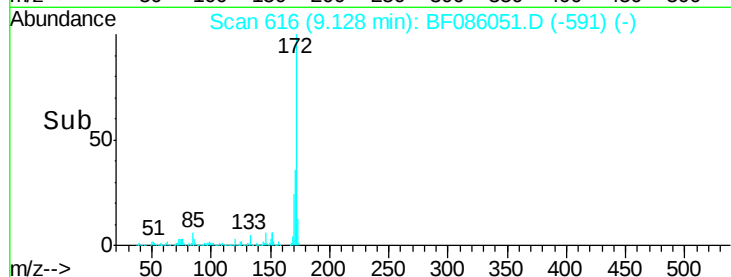
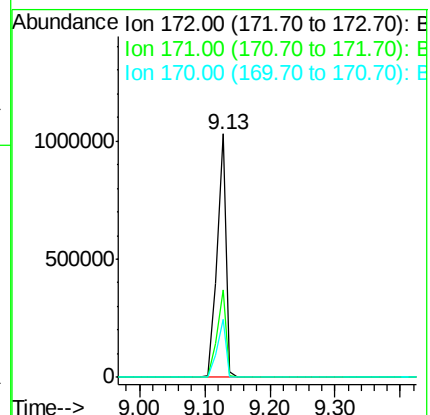
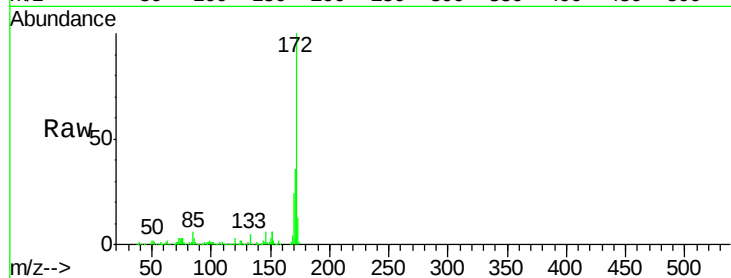
Tgt Ion:172 Resp: 1008704

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

170 24.1 19.8 29.6



#45

1,1'-Biphenyl

Concen: 0.12 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.11 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

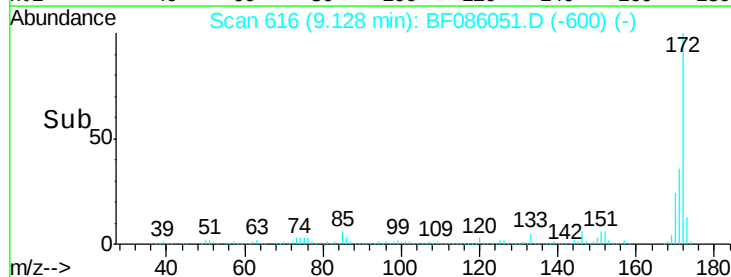
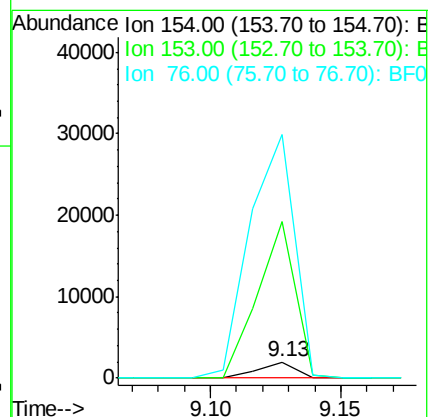
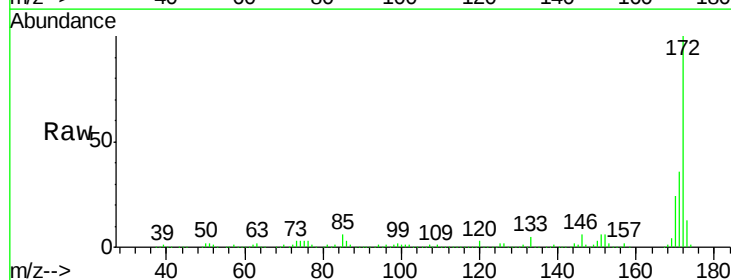
Tgt Ion:154 Resp: 1979

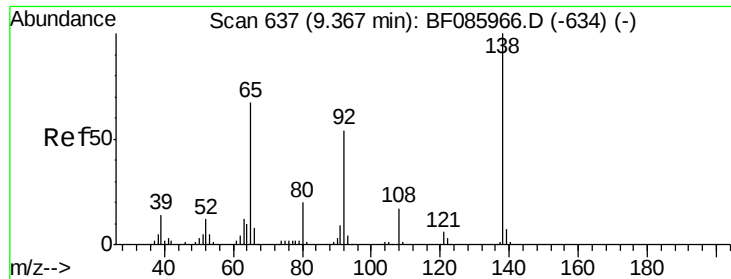
Ion Ratio Lower Upper

154 100

153 969.1 20.8 60.8#

76 1508.4 0.0 36.7#

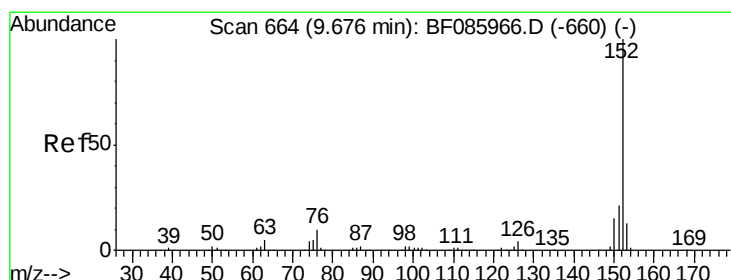
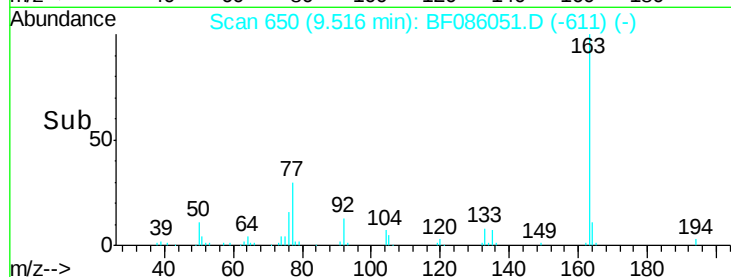
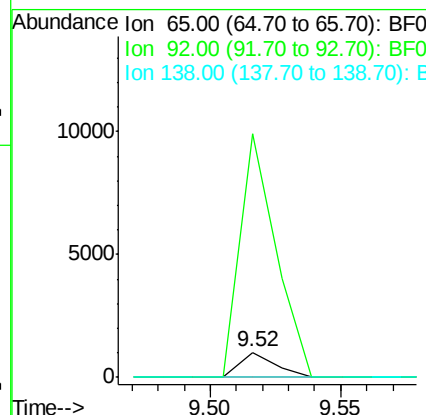
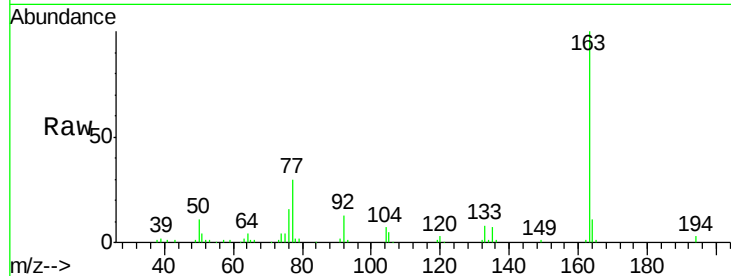




#47
 2-Nitroaniline
 Concen: 0.28 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.15 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

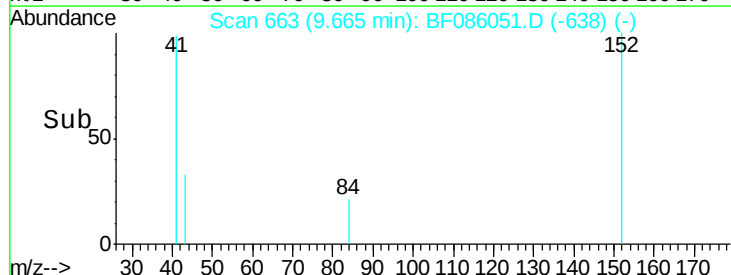
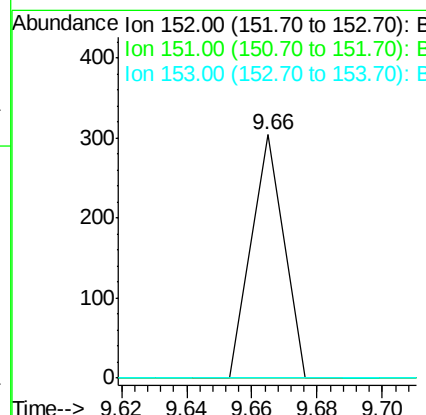
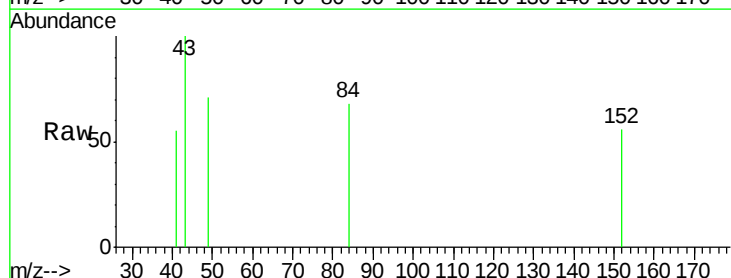
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

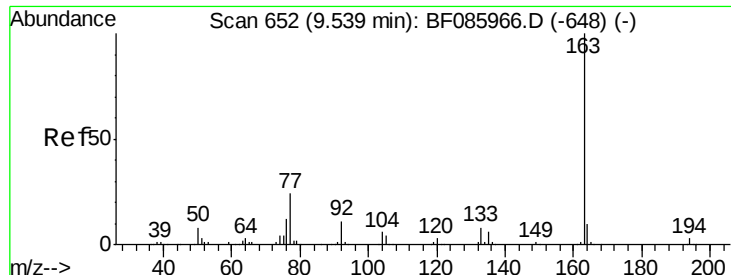
Tgt Ion: 65 Resp: 970
 Ion Ratio Lower Upper
 65 100
 92 969.4 59.7 89.5#
 138 0.0 91.4 137.0#



#48
 Acenaphthylene
 Concen: 0.01 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Tgt Ion: 152 Resp: 208
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.8 25.2#
 153 0.0 10.9 16.3#

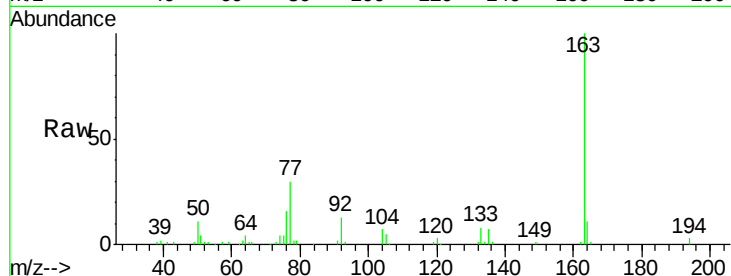




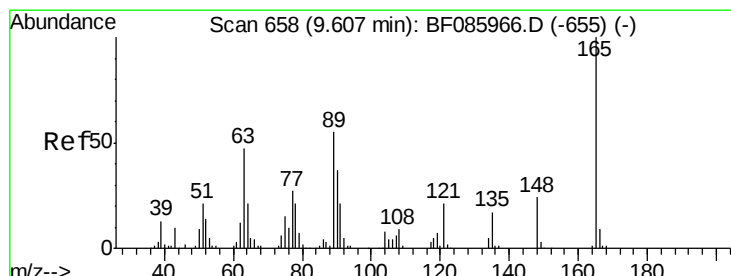
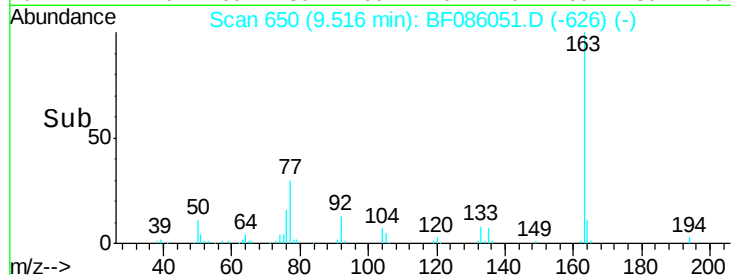
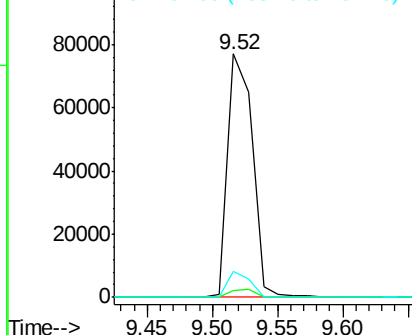
#49
Dimethylphthalate
Concen: 7.32 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:163 Resp: 101622
Ion Ratio Lower Upper
163 100
194 2.7 2.9 4.3#
164 10.5 8.3 12.5

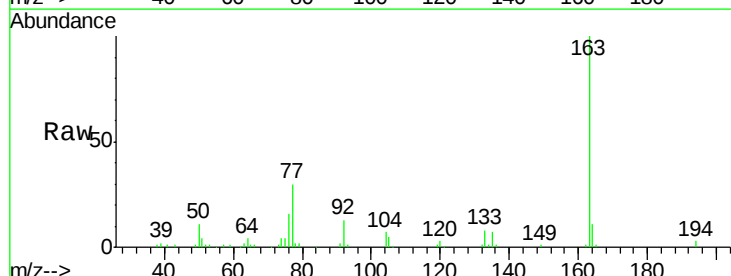


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

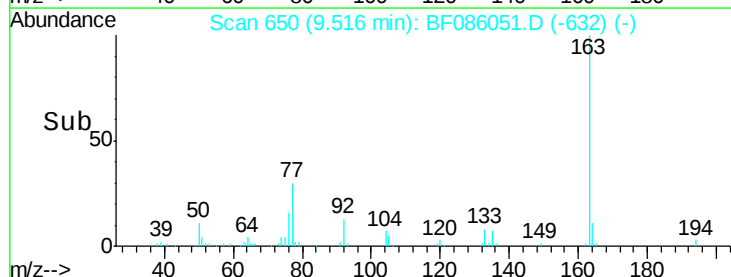
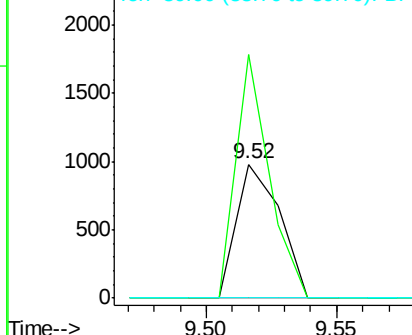


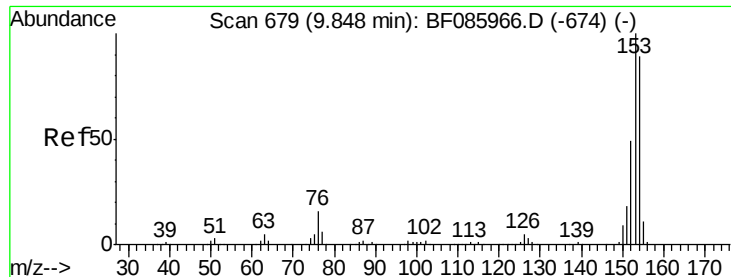
#50
2,6-Dinitrotoluene
Concen: 0.39 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.09 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Tgt Ion:165 Resp: 1138
Ion Ratio Lower Upper
165 100
63 181.8 51.8 77.8#
89 0.0 53.7 80.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

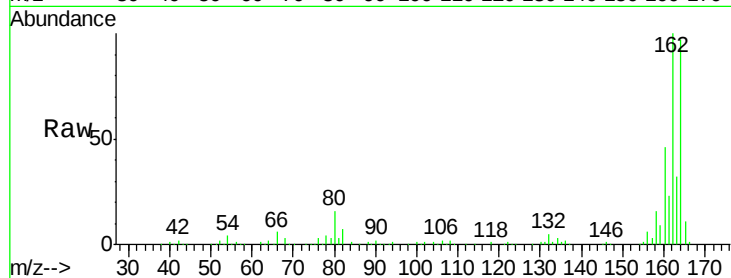
Tgt Ion:154 Resp: 498

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

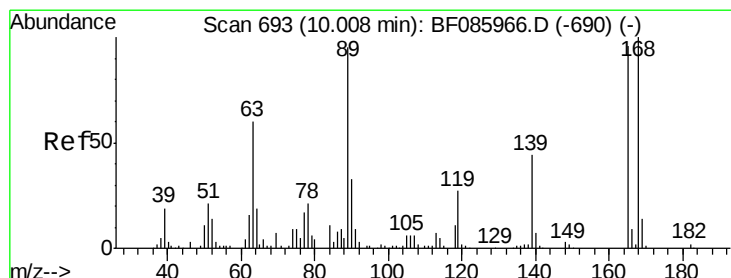
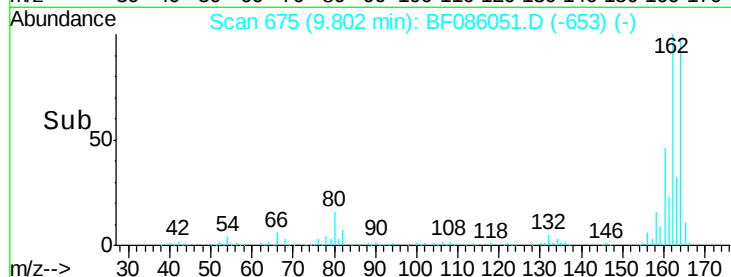
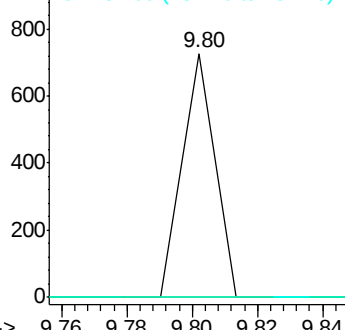
152 0.0 44.2 66.2#



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



#56

2,4-Dinitrotoluene

Concen: 6.08 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Tgt Ion:165 Resp: 22582

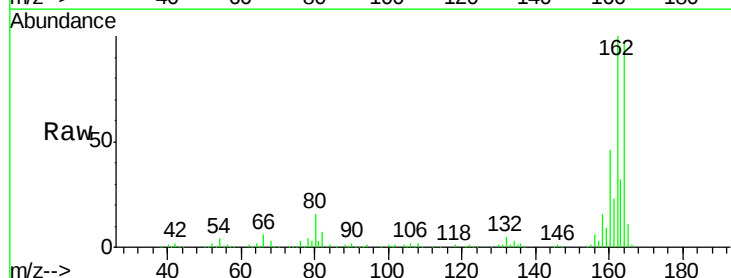
Ion Ratio Lower Upper

165 100

63 1.6 24.9 37.3#

89 2.2 41.0 61.6#

182 0.0 2.1 3.1#

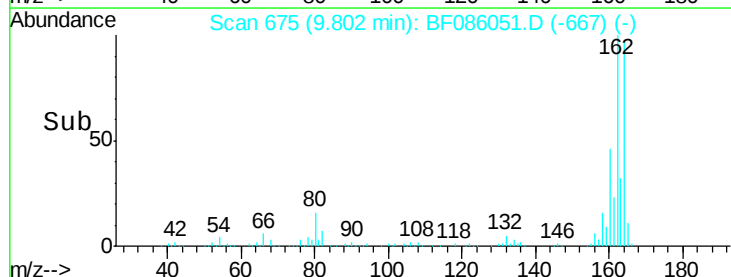
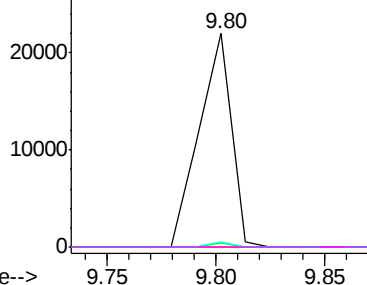


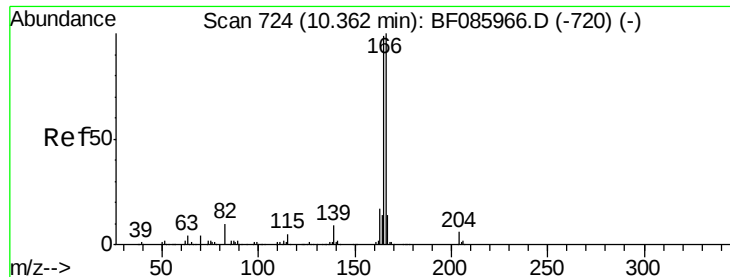
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.66 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.23 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

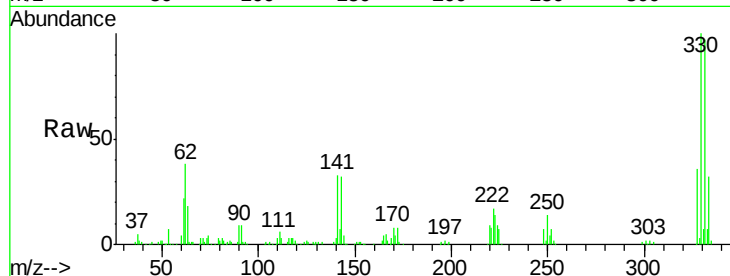
Tgt Ion:166 Resp: 8251

Ion Ratio Lower Upper

166 100

165 98.2 79.4 119.0

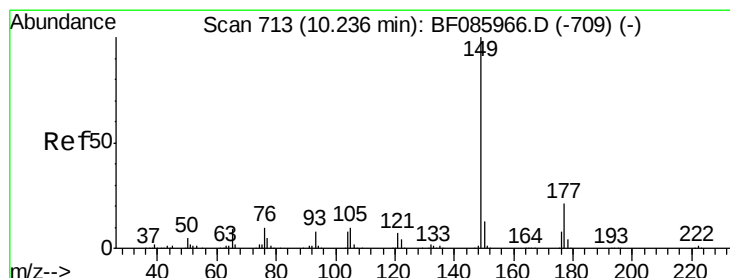
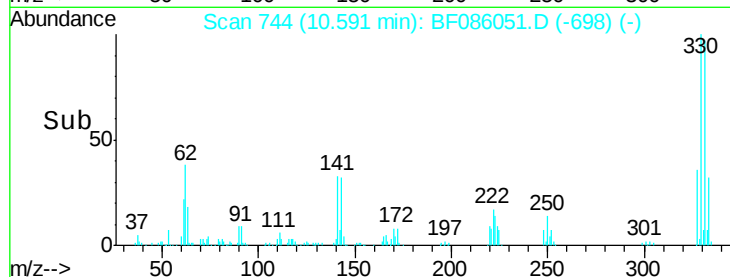
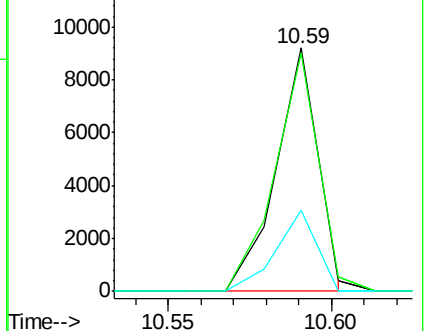
167 33.5 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.08 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

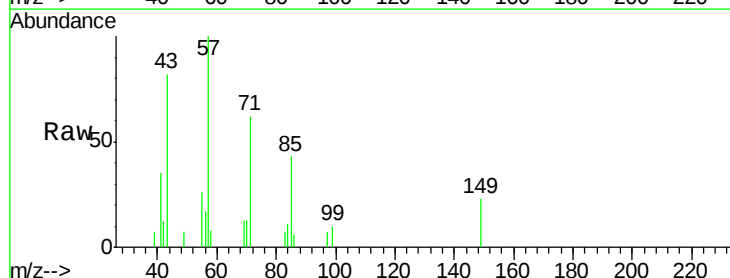
Tgt Ion:149 Resp: 1092

Ion Ratio Lower Upper

149 100

177 0.0 17.9 26.9#

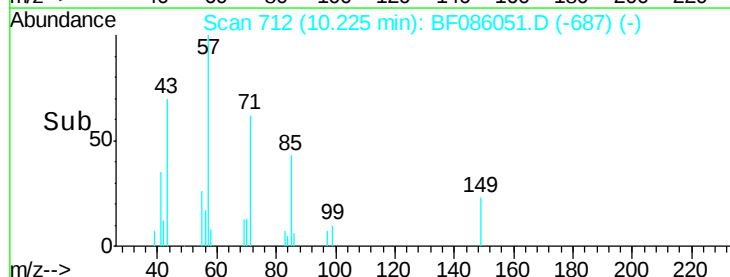
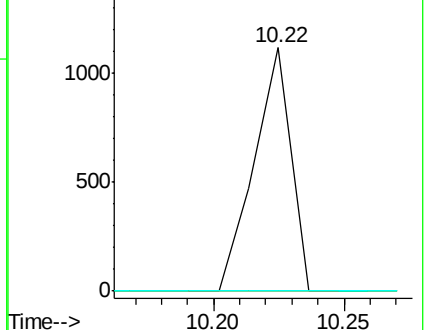
150 0.0 10.2 15.2#

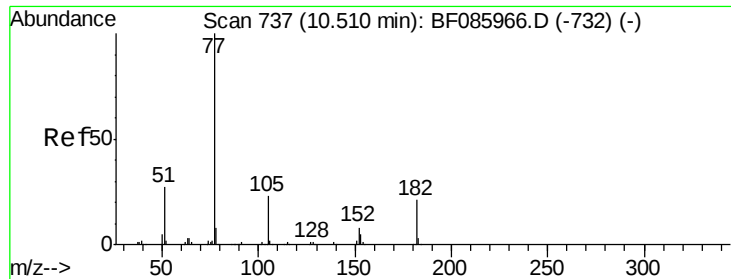


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

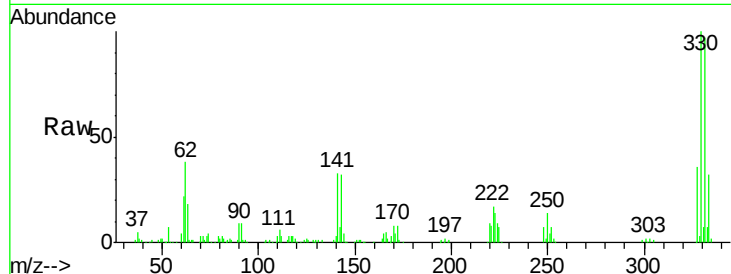




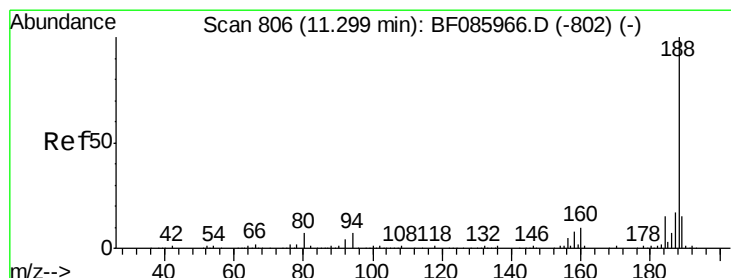
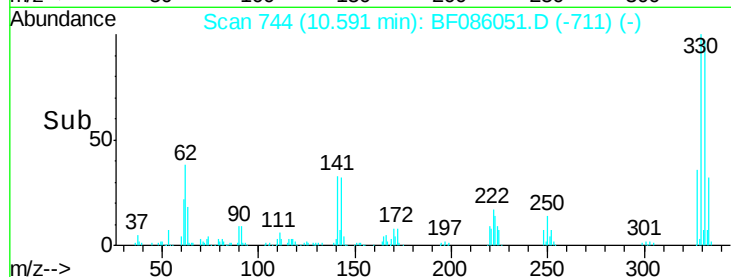
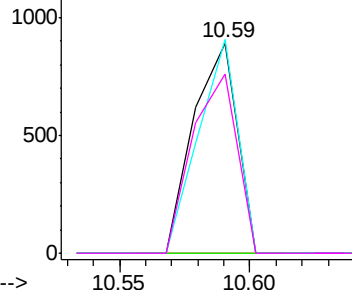
#62
Azobenzene
Concen: 0.08 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.08 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion: 77 Resp: 1037
Ion Ratio Lower Upper
77 100
182 0.0 1.9 41.9#
105 101.7 3.5 43.5#
51 85.3 6.3 46.3#

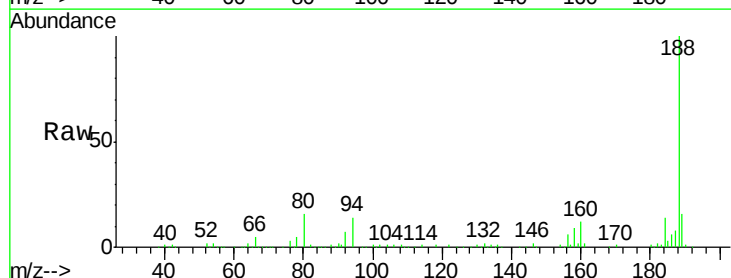


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

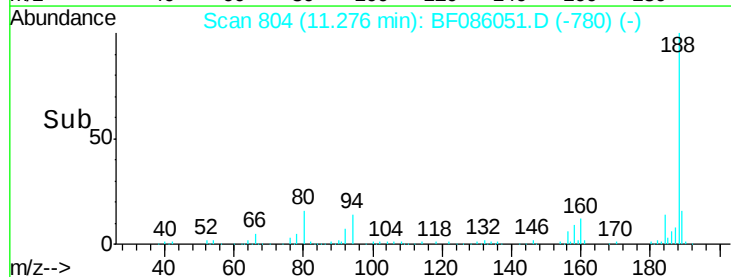
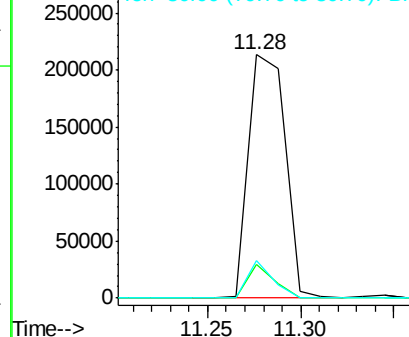


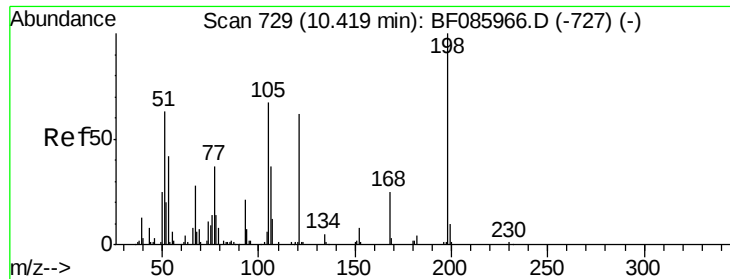
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Tgt Ion: 188 Resp: 291155
Ion Ratio Lower Upper
188 100
94 13.9 5.4 8.0#
80 15.6 5.5 8.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

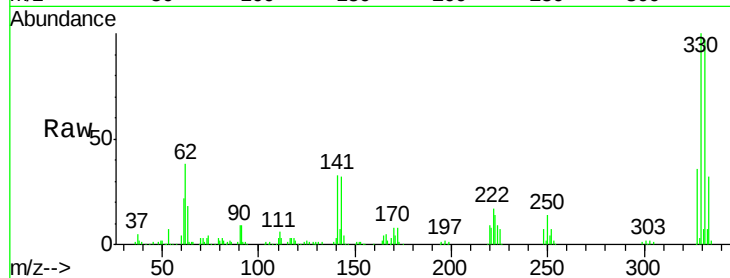




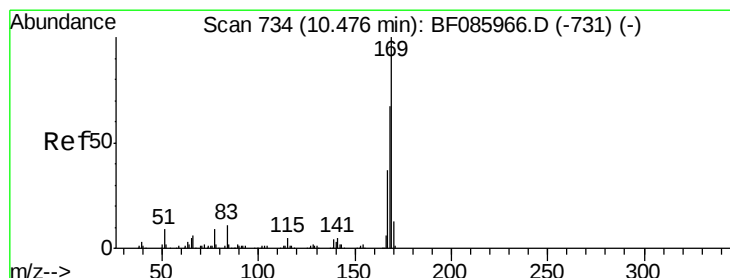
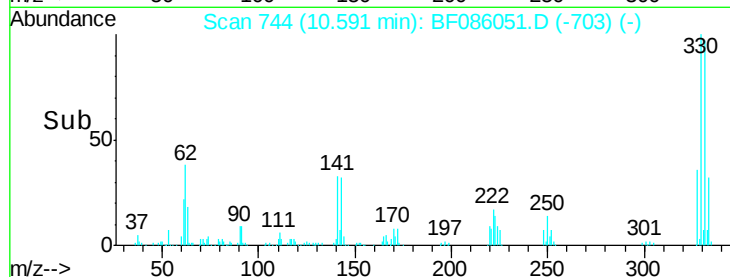
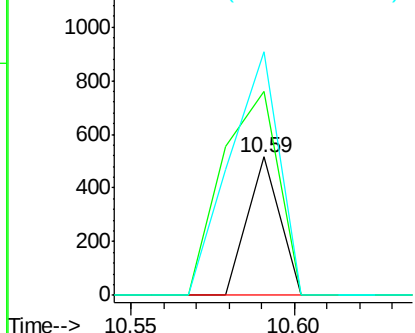
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.20 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.17 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Tgt Ion	Ratio	Lower	Upper
198	100		
51	147.5	45.4	85.4#
105	175.8	45.9	85.9#

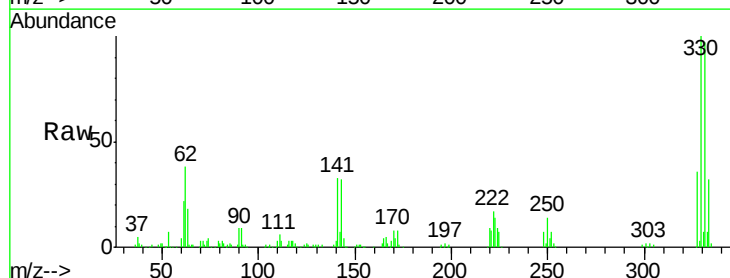


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

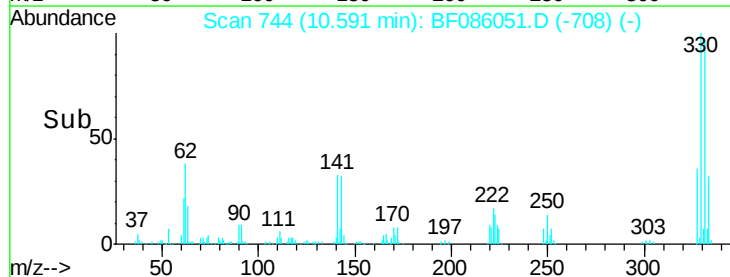
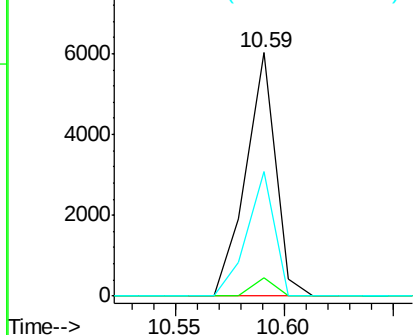


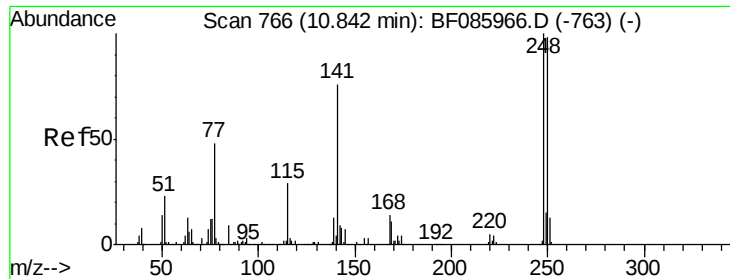
#65
 n-Nitrosodiphenylamine
 Concen: 0.63 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.11 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	7.4	54.4	81.6#
167	51.3	29.4	44.0#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

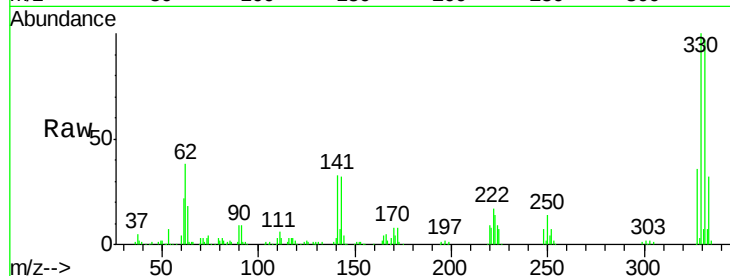




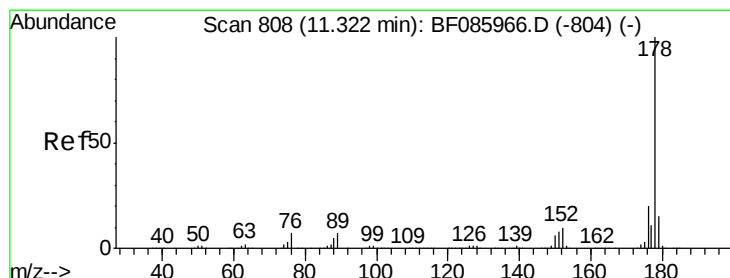
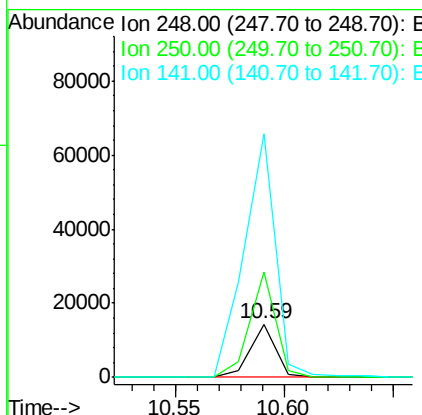
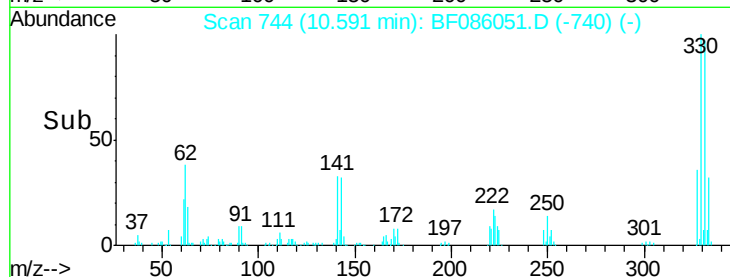
#66
 4-Bromophenyl-phenylether
 Concen: 3.97 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

Tgt Ion:248 Resp: 11794
 Ion Ratio Lower Upper
 248 100
 250 199.6 77.4 116.0#
 141 459.6 63.6 95.4#

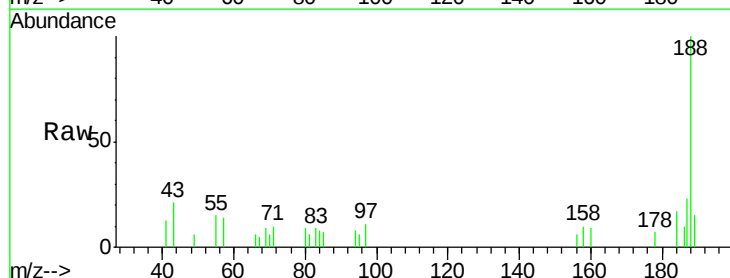


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

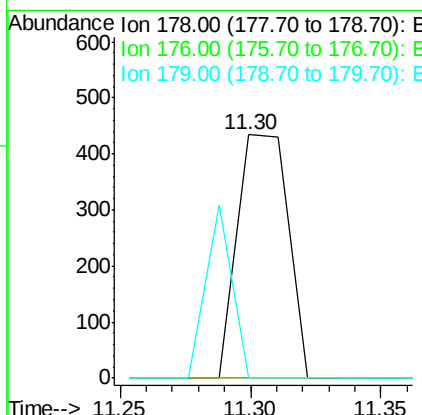
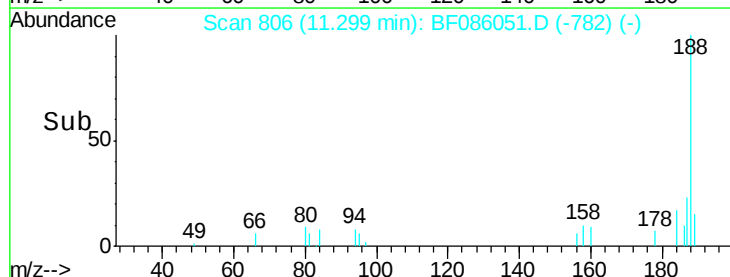


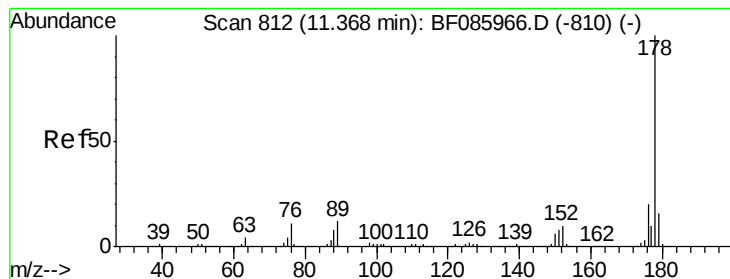
#70
 Phenanthrene
 Concen: 0.04 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Tgt Ion:178 Resp: 593
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.3 24.5#
 179 0.0 12.6 18.8#



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





#71

Anthracene

Concen: 0.04 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.07 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

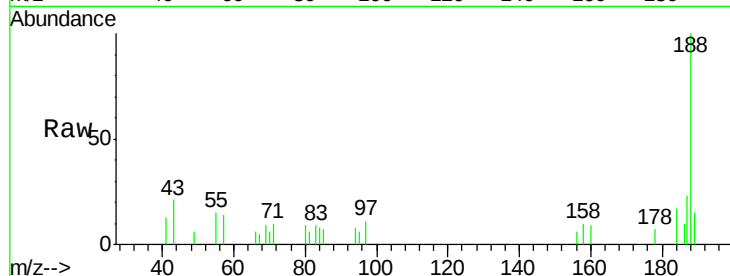
Tgt Ion:178 Resp: 593

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

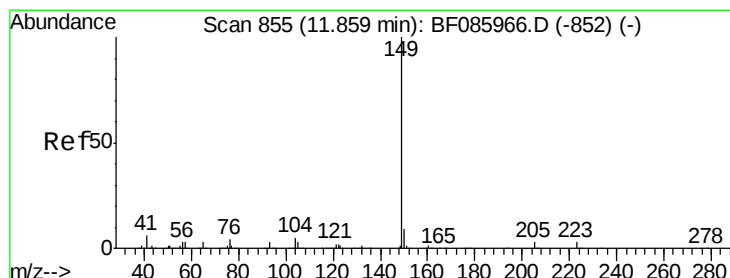
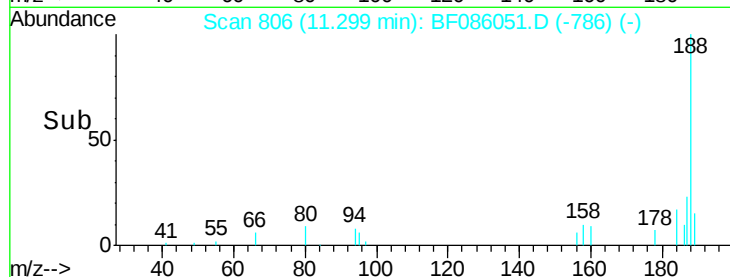
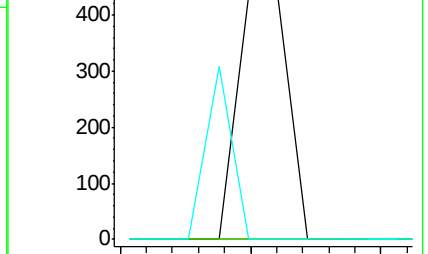
179 0.0 13.0 19.4#



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



#73

Di-n-butylphthalate

Concen: 0.25 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

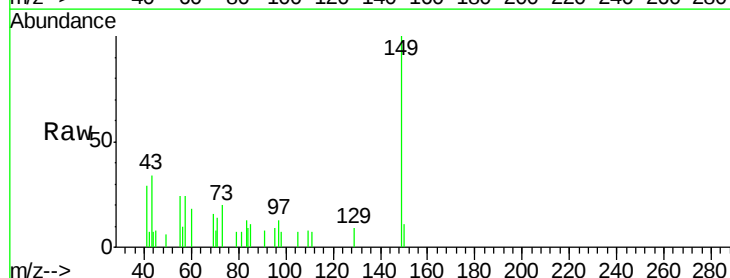
Tgt Ion:149 Resp: 4453

Ion Ratio Lower Upper

149 100

150 11.0 7.6 11.4

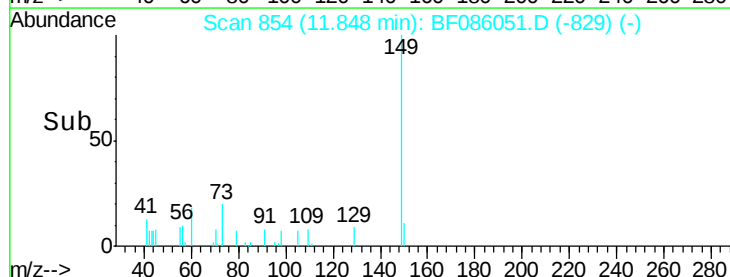
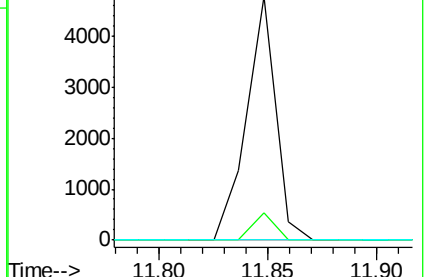
104 0.0 3.8 5.8#

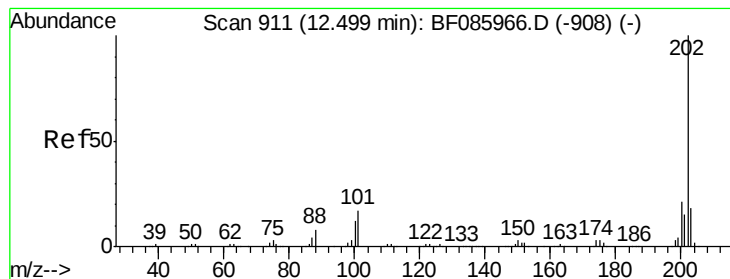


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.02 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

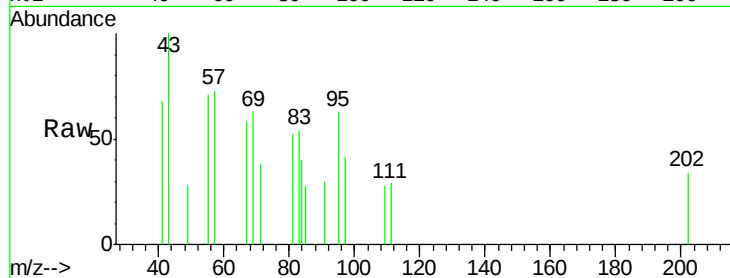
Tgt Ion:202 Resp: 250

Ion Ratio Lower Upper

202 100

101 0.0 0.0 36.6

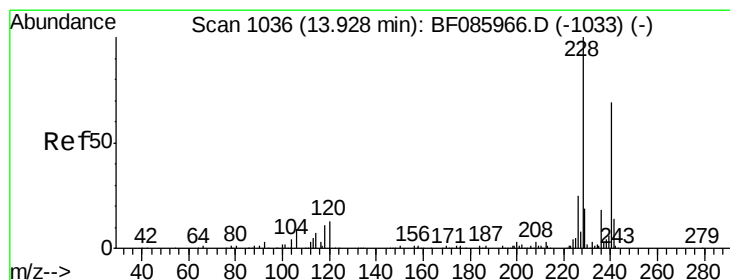
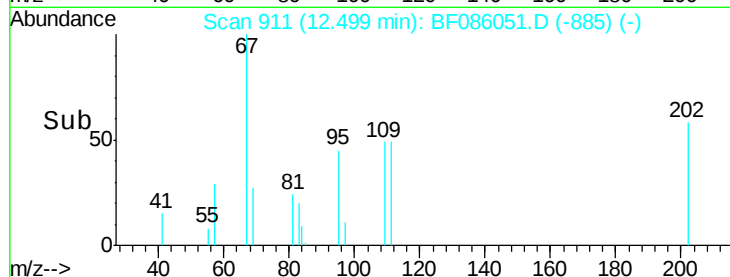
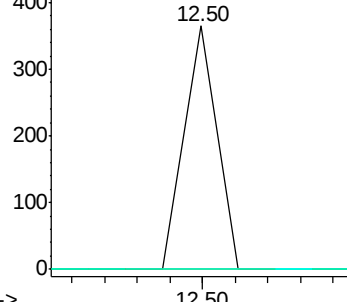
203 0.0 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

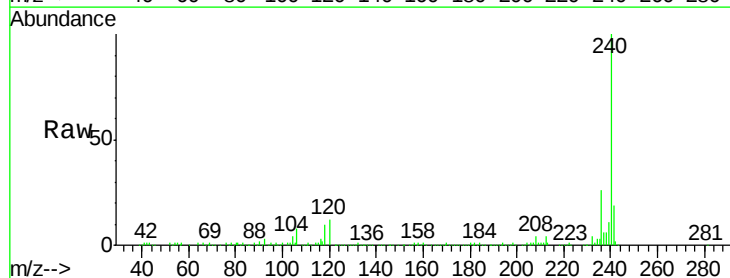
Tgt Ion:240 Resp: 224501

Ion Ratio Lower Upper

240 100

120 12.1 13.8 20.8#

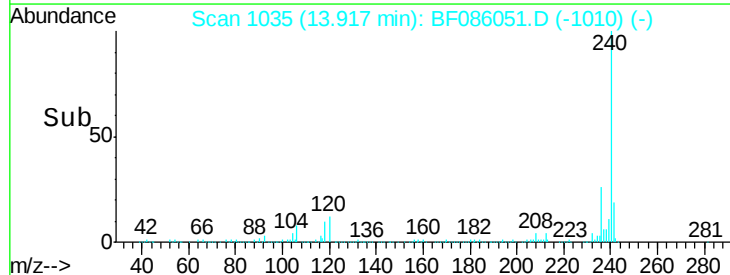
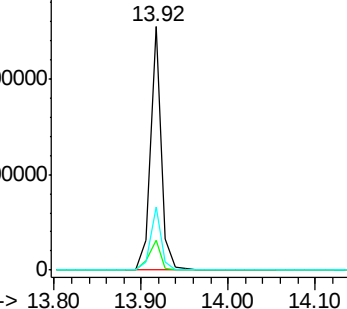
236 26.1 20.6 30.8

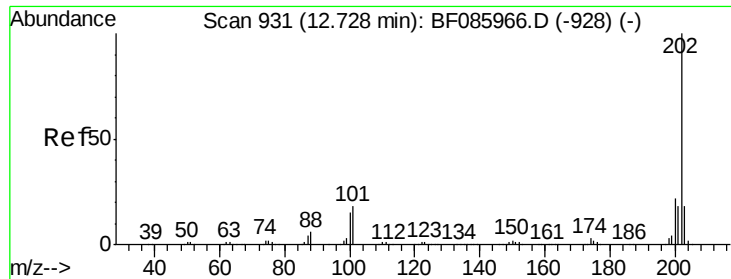


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

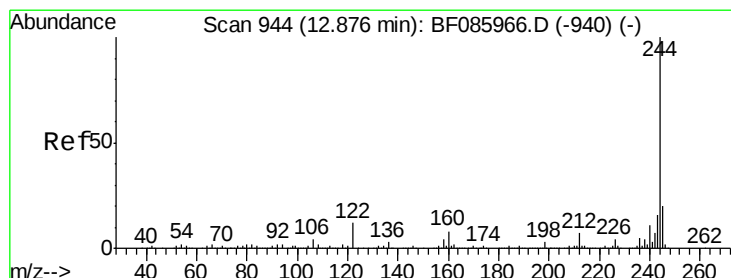
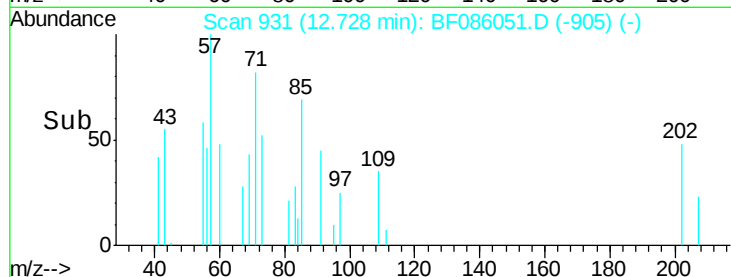
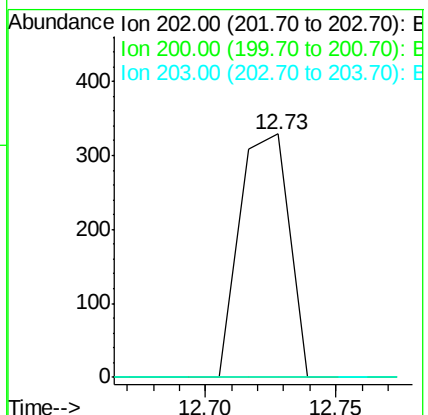
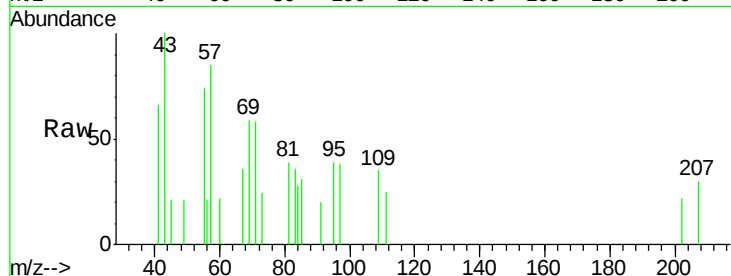




#77
 Pyrene
 Concen: 0.03 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

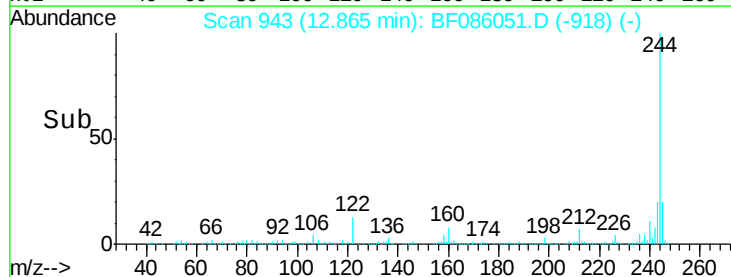
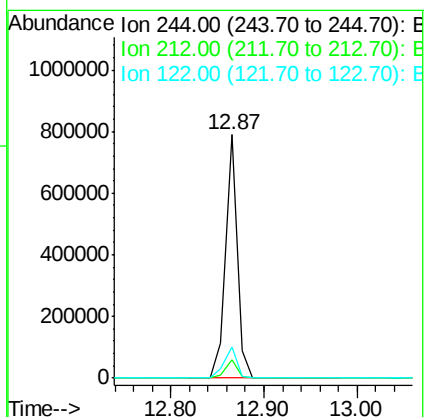
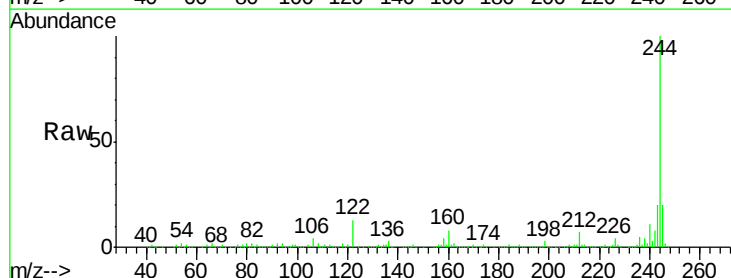
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-002

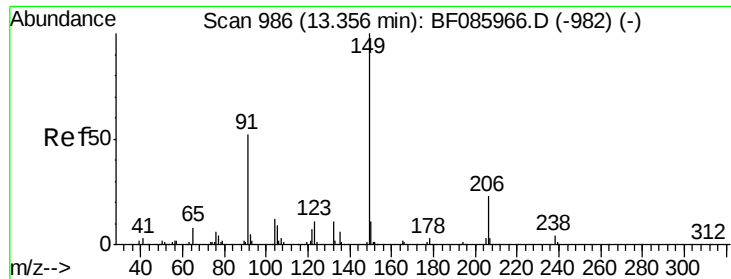
Tgt Ion: 202 Resp: 437
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.6 26.4#
 203 0.0 14.0 21.0#



#78
 Terphenyl-d14
 Concen: 71.88 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086051.D
 Acq: 4 Apr 2016 21:42

Tgt Ion: 244 Resp: 686502
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.6 10.2 15.4

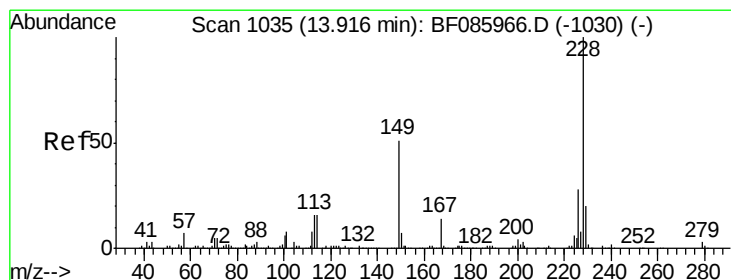
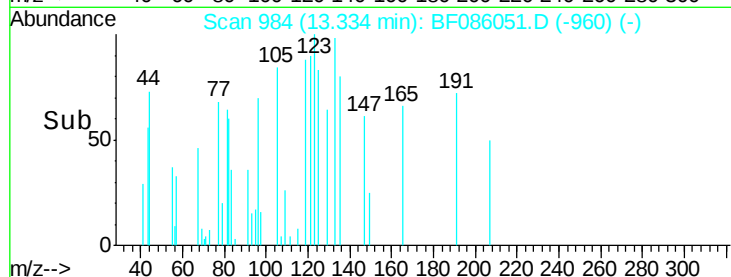
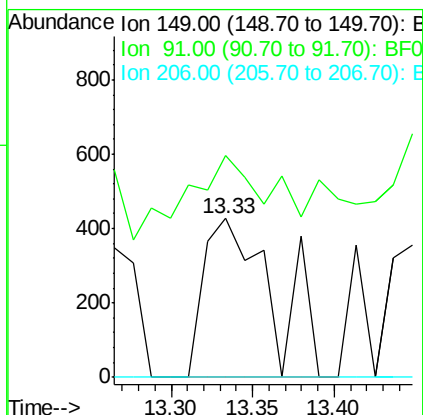
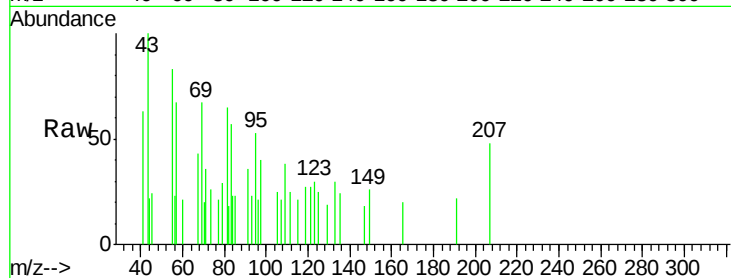




#79
Butylbenzylphthalate
Concen: 0.18 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

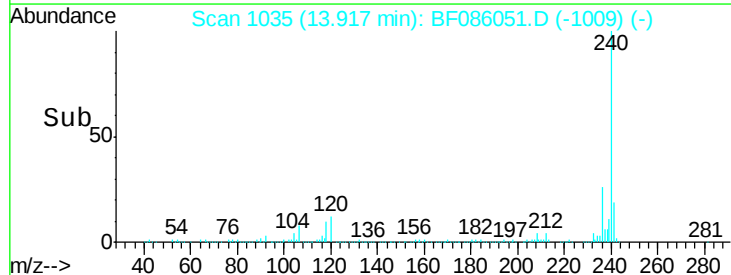
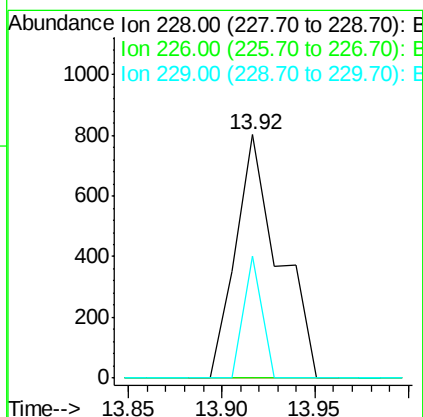
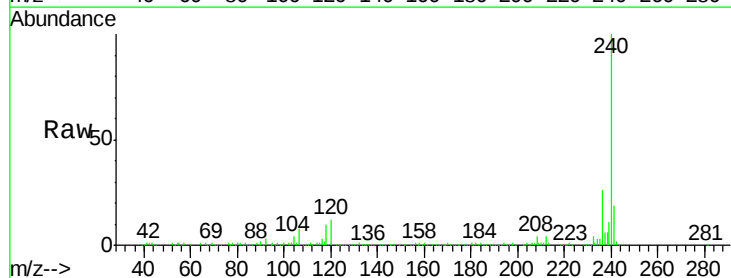
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

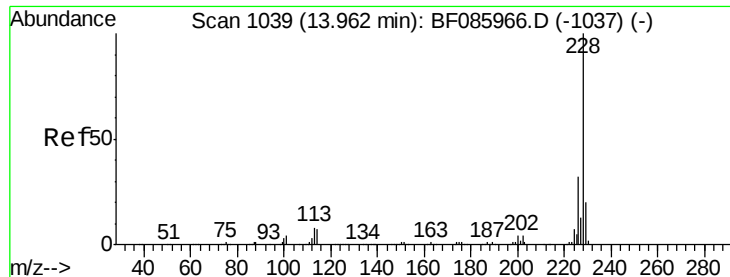
Tgt Ion:149 Resp: 1254
Ion Ratio Lower Upper
149 100
91 140.0 45.8 68.8#
206 0.0 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 0.10 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Tgt Ion:228 Resp: 1300
Ion Ratio Lower Upper
228 100
226 0.0 22.1 33.1#
229 49.9 16.2 24.4#





#82

Chrysene

Concen: 0.10 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002

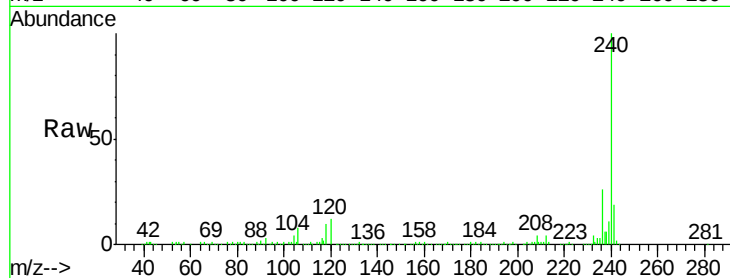
Tgt Ion: 228 Resp: 1300

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

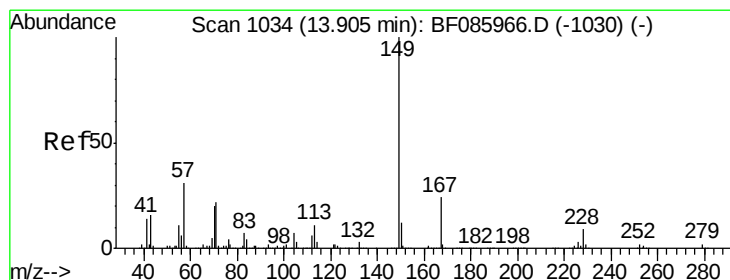
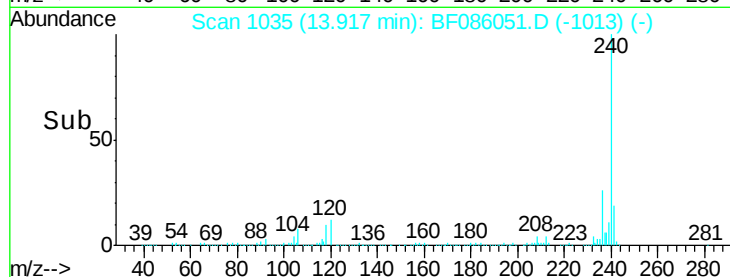
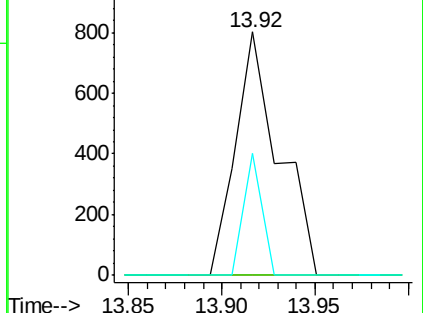
229 49.9 15.7 23.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086051.D

Acq: 4 Apr 2016 21:42

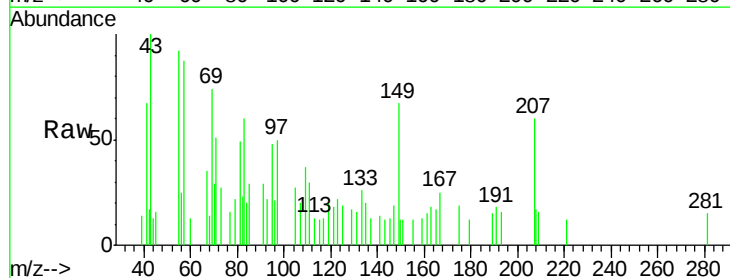
Tgt Ion: 149 Resp: 1482

Ion Ratio Lower Upper

149 100

167 37.4 19.4 29.2#

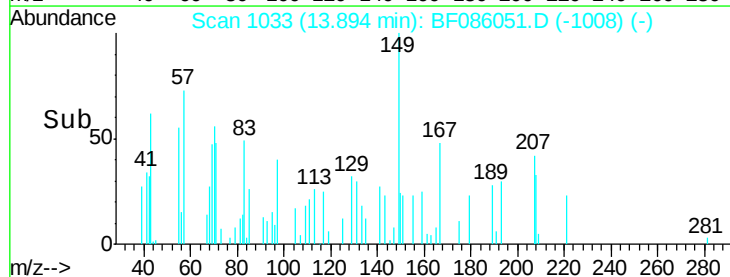
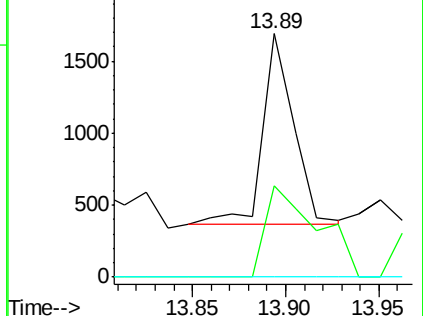
279 0.0 1.5 2.3#

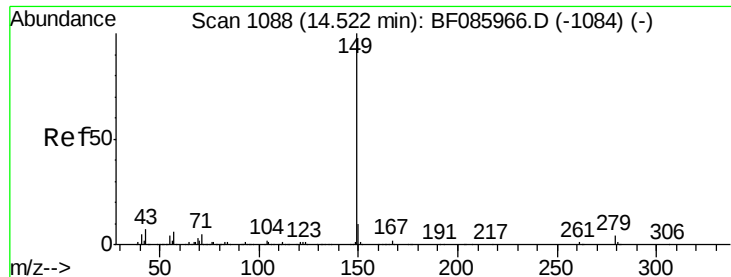


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

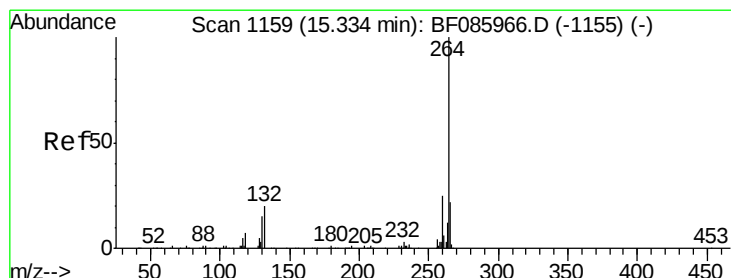
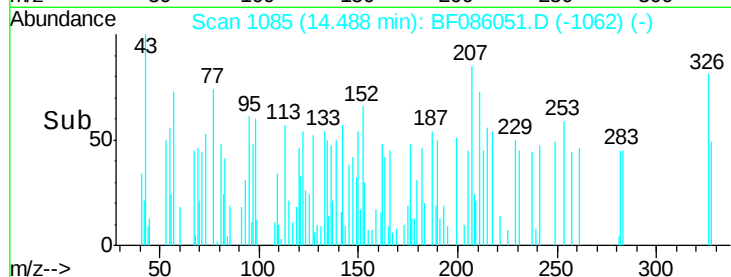
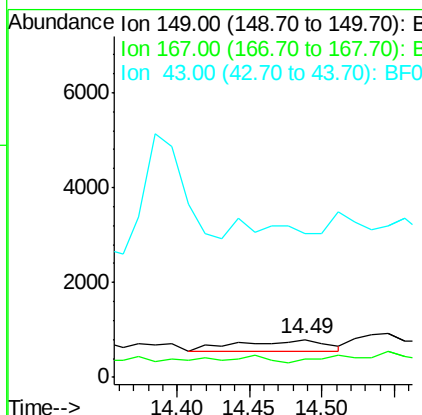
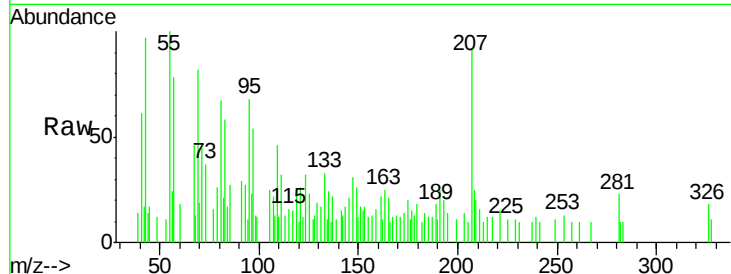




#84
Di-n-octyl phthalate
Concen: 0.07 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

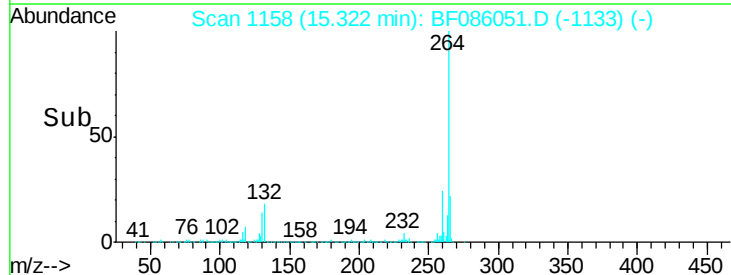
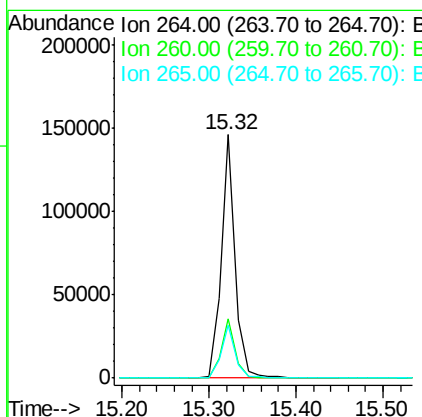
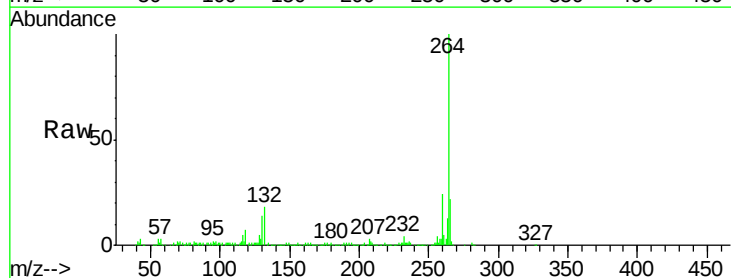
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

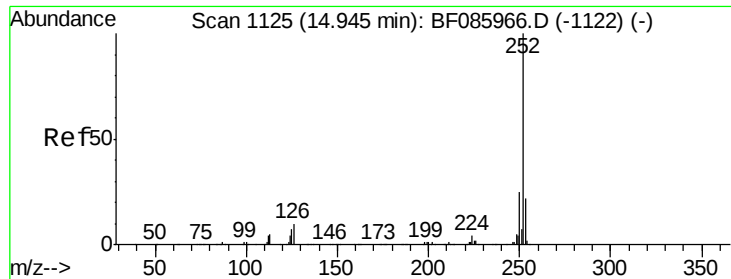
Tgt Ion:149 Resp: 996
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 7.1 10.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Tgt Ion:264 Resp: 164068
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.8 17.2 25.8

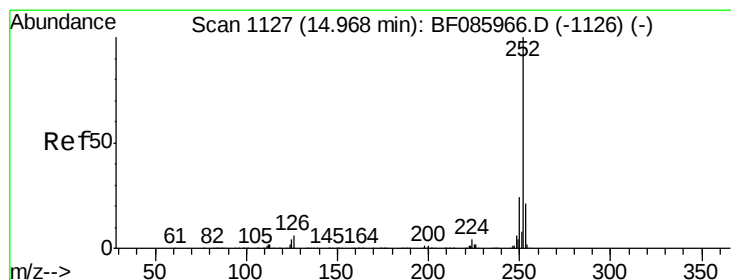
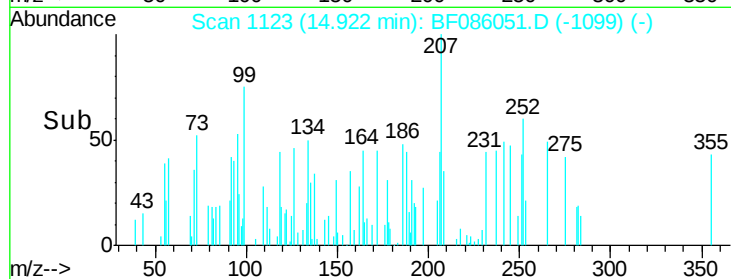
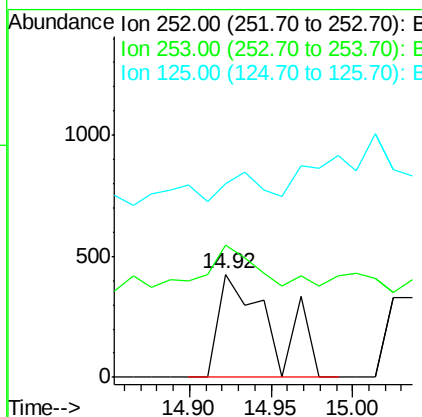
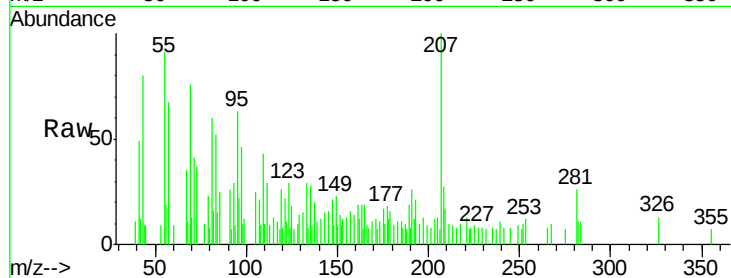




#87
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

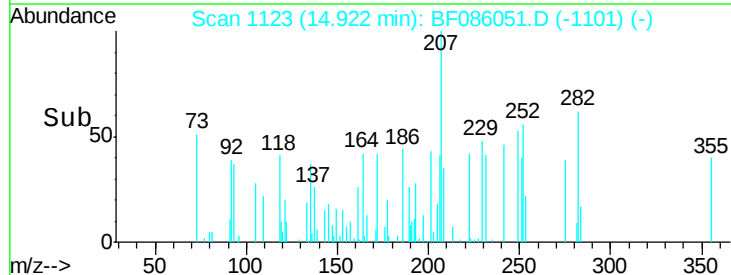
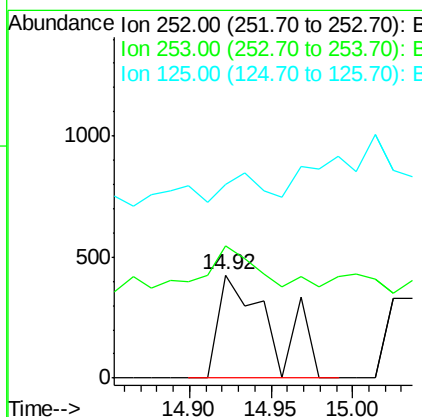
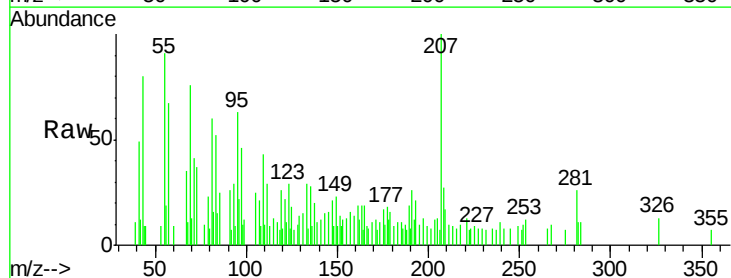
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

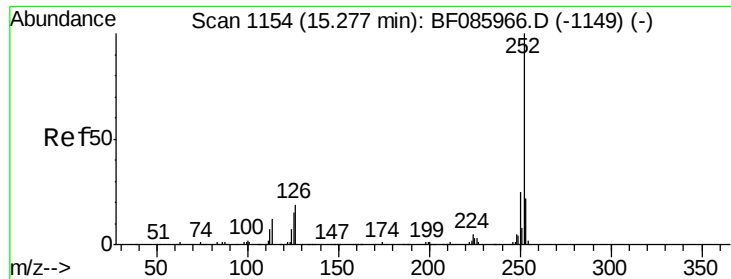
Tgt Ion:252 Resp: 944
Ion Ratio Lower Upper
252 100
253 127.9 17.6 26.4#
125 187.6 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.05 min
Lab File: BF086051.D
Acq: 4 Apr 2016 21:42

Tgt Ion:252 Resp: 944
Ion Ratio Lower Upper
252 100
253 127.9 17.8 26.6#
125 187.6 7.7 11.5#





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF086051.D

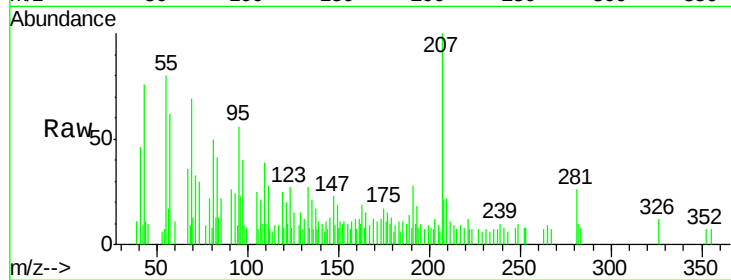
Acq: 4 Apr 2016 21:42

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-002



Tgt Ion:	252	Resp:	485
Ion	Ratio	Lower	Upper
252	100		
253	93.2	17.4	26.0#
125	185.9	10.3	15.5#

