

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086897.D
 Acq On : 11 May 2016 19:38
 Operator : UM/SJ
 Sample : H2809-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

Quant Time: May 12 00:53:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	173794	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	748799	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	356537	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	692002	20.00	ng	-0.05
75) Chrysene-d12	13.77	240	455683	20.00	ng	-0.07
86) Perylene-d12	15.13	264	417391	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1109305	108.10	ng	-0.05
7) Phenol-d6	6.31	99	1527138	111.35	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1010838	67.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	438313	116.12	ng	-0.05
44) 2-Fluorobiphenyl	9.00	172	1660516	78.27	ng	-0.05
78) Terphenyl-d14	12.73	244	1383994	64.44	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	155403	30.85	ng	# 64
3) Pyridine	2.81	79	412279	33.47	ng	# 65
4) n-Nitrosodimethylamine	2.76	42	329954	36.94	ng	# 49
6) Aniline	6.31	93	377609	22.76	ng	# 1
8) 2-Chlorophenol	6.42	128	437019	35.29	ng	86
9) Benzaldehyde	6.18	77	48795	6.14	ng	98
10) Phenol	6.32	94	516961	31.71	ng	88
11) bis(2-Chloroethyl)ether	6.38	93	418846	32.95	ng	# 83
12) 1,3-Dichlorobenzene	6.65	146	456725	34.08	ng	95
13) 1,4-Dichlorobenzene	6.65	146	458798	33.57	ng	95
14) 1,2-Dichlorobenzene	6.80	146	387534	32.54	ng	95
15) Benzyl Alcohol	6.80	79	365896	38.63	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	877501	31.75	ng	75
17) 2-Methylphenol	6.92	107	356808	36.21	ng	# 81
18) Hexachloroethane	7.14	117	175780	34.19	ng	95
19) n-Nitroso-di-n-propylamine	7.06	70	324078	33.81	ng	# 64
20) 3+4-Methylphenols	7.07	107	479066	37.22	ng	# 65
22) Acetophenone	7.05	105	626274	35.41	ng	# 95
24) Nitrobenzene	7.22	77	484110	31.56	ng	94
25) Isophorone	7.47	82	921638	33.31	ng	95
26) 2-Nitrophenol	7.54	139	226113	33.53	ng	# 73
27) 2,4-Dimethylphenol	7.60	122	392294	34.15	ng	89
28) bis(2-Chloroethoxy)methane	7.69	93	569772	38.18	ng	99
29) 2,4-Dichlorophenol	7.79	162	378645	37.45	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	375707	33.24	ng	95
31) Naphthalene	7.94	128	1268701	33.83	ng	99
32) Benzoic acid	7.71	122	39617	5.87	ng	91
33) 4-Chloroaniline	8.01	127	301153	20.67	ng	97
34) Hexachlorobutadiene	8.06	225	214300	32.67	ng	98
35) Caprolactam	8.39	113	59509	17.30	ng	# 54
36) 4-Chloro-3-methylphenol	8.51	107	423100	34.51	ng	95
37) 2-Methylnaphthalene	8.64	142	819107	37.36	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	344441	33.23	ng	# 97
40) Hexachlorocyclopentadiene	8.79	237	324160	65.88	ng	96

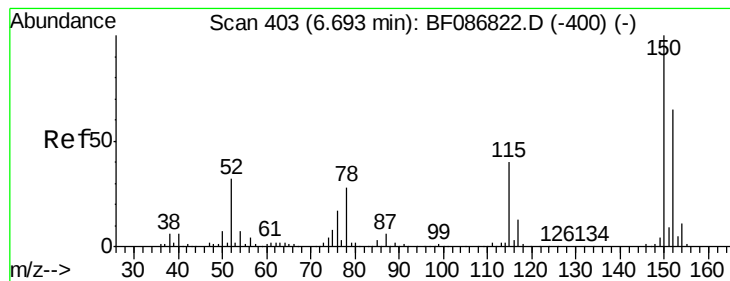
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	246750	35.60	ng	92
43) 2,4,5-Trichlorophenol	8.97	196	244014	34.04	ng #	83
45) 1,1'-Biphenyl	9.10	154	969950	34.20	ng	95
46) 2-Chloronaphthalene	9.12	162	720370	32.42	ng	93
47) 2-Nitroaniline	9.23	65	328699	40.48	ng	88
48) Acenaphthylene	9.53	152	1079231	33.02	ng	99
49) Dimethylphthalate	9.42	163	1104602	40.61	ng	100
50) 2,6-Dinitrotoluene	9.47	165	193359	33.78	ng #	81
51) Acenaphthene	9.70	154	687754	33.83	ng	99
52) 3-Nitroaniline	9.64	138	166555	27.64	ng	91
53) 2,4-Dinitrophenol	9.75	184	132787	48.72	ng #	64
54) Dibenzofuran	9.87	168	999819	38.31	ng	93
55) 4-Nitrophenol	9.84	139	283821	71.16	ng	92
56) 2,4-Dinitrotoluene	9.87	165	226981	32.04	ng #	56
57) Fluorene	10.22	166	732744	32.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	207918	38.52	ng	97
59) Diethylphthalate	10.11	149	961634	36.28	ng	97
60) 4-Chlorophenyl-phenylether	10.22	204	391840	39.17	ng #	87
61) 4-Nitroaniline	10.26	138	205173	35.45	ng #	70
62) Azobenzene	10.38	77	1153059	40.32	ng	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	144567	33.63	ng #	62
65) n-Nitrosodiphenylamine	10.34	169	782642	36.81	ng	98
66) 4-Bromophenyl-phenylether	10.70	248	227240	32.39	ng	90
67) Hexachlorobenzene	10.76	284	291658	35.57	ng	96
68) Atrazine	10.87	200	235236	33.12	ng	94
69) Pentachlorophenol	10.97	266	280462	74.01	ng	97
70) Phenanthrene	11.18	178	1320901	35.77	ng	100
71) Anthracene	11.22	178	1155179	30.59	ng	100
72) Carbazole	11.38	167	1087684	33.50	ng	98
73) Di-n-butylphthalate	11.72	149	1447278	36.50	ng	99
74) Fluoranthene	12.35	202	1265772	33.32	ng	96
76) Benzidine	12.49	184	296223	25.50	ng	96
77) Pyrene	12.58	202	1353937	38.81	ng	100
79) Butylbenzylphthalate	13.21	149	593886	40.25	ng #	78
80) Benzo(a)anthracene	13.76	228	954720	37.32	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	225204	13.86	ng #	96
82) Chrysene	13.81	228	1023013	39.31	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	698114	39.33	ng	97
84) Di-n-octyl phthalate	14.38	149	1171128	39.83	ng #	84
85) Indeno(1,2,3-cd)pyrene	16.39	276	819316	37.84	ng	95
87) Benzo(b)fluoranthene	14.77	252	1716624	63.28	ng #	96
88) Benzo(k)fluoranthene	14.77	252	1717289	77.32	ng	99
89) Benzo(a)pyrene	15.09	252	830181	35.48	ng #	97
90) Dibenzo(a,h)anthracene	16.40	278	670243	33.99	ng	96
91) Benzo(g,h,i)perylene	16.77	276	692680	34.57	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.07 min

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TILCON-MH-SF-003MS

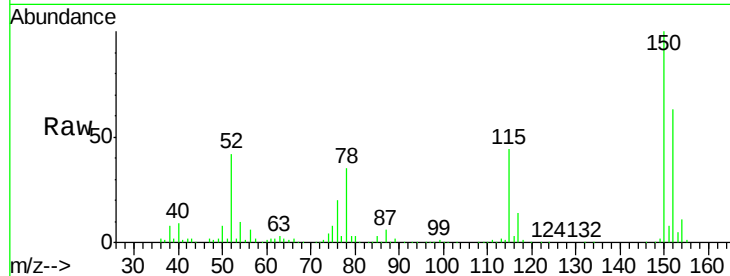
Tgt Ion:152 Resp: 173794

Ion Ratio Lower Upper

152 100

150 159.9 125.8 188.6

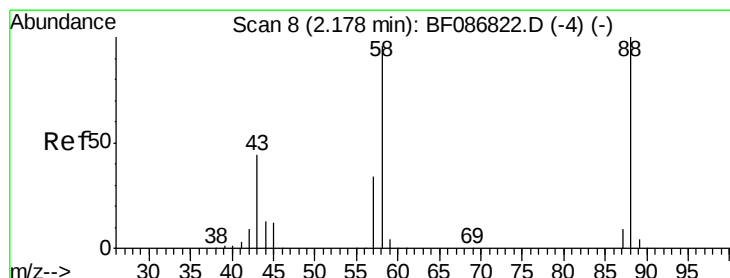
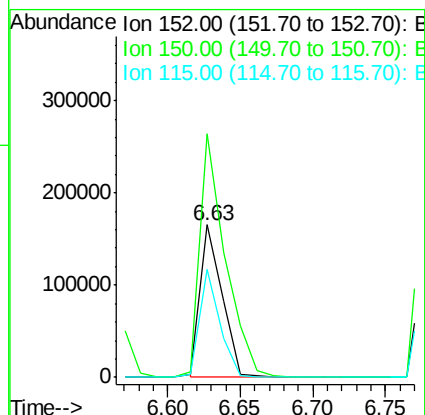
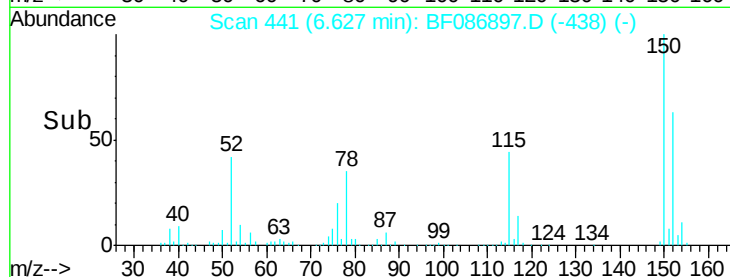
115 70.7 51.5 77.3



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



#2

1,4-Dioxane

Concen: 30.85 ng

RT: 2.17 min Scan# 51

Delta R.T. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

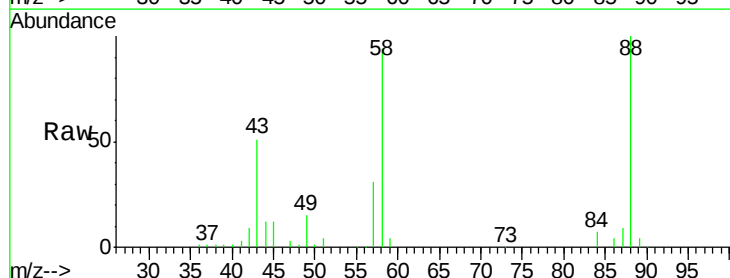
Tgt Ion: 88 Resp: 155403

Ion Ratio Lower Upper

88 100

58 99.3 59.6 89.4#

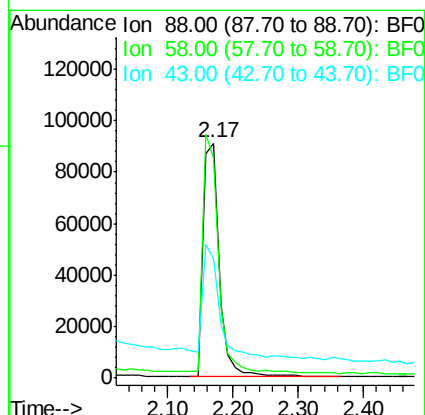
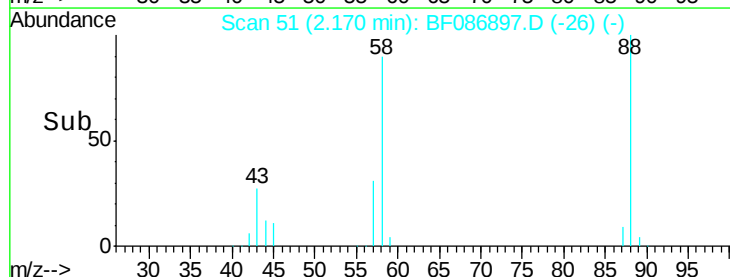
43 55.2 21.8 32.6#

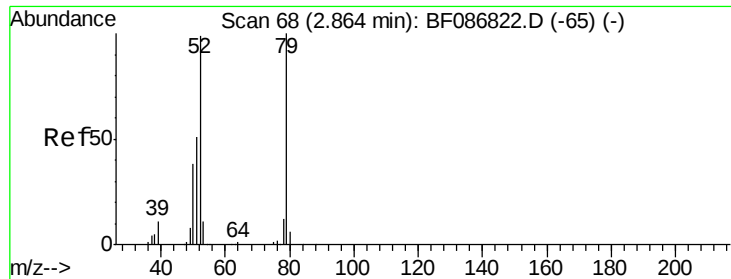


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.47 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

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TILCON-MH-SF-003MS

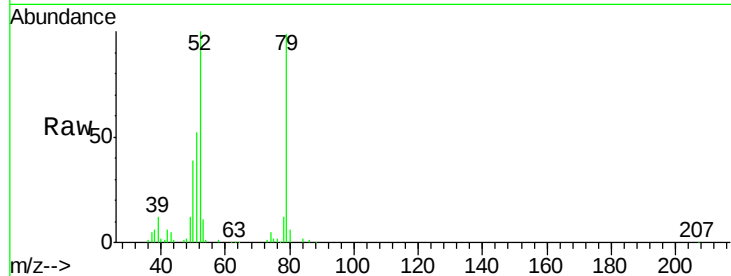
Tgt Ion: 79 Resp: 412279

Ion Ratio Lower Upper

79 100

52 100.5 55.9 83.9#

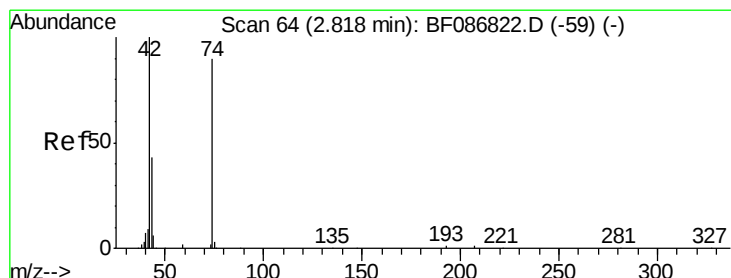
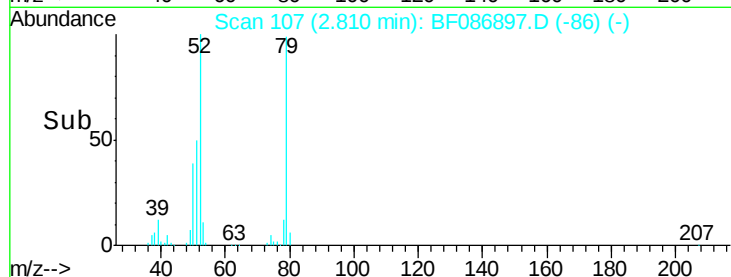
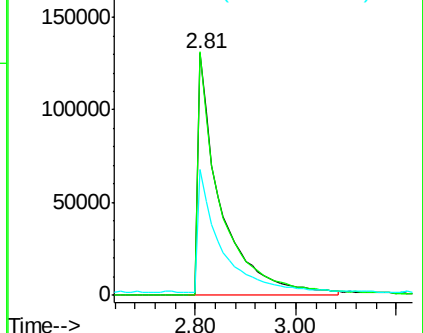
51 52.2 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.94 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

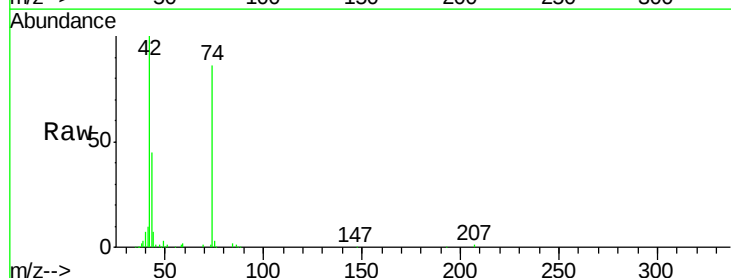
Tgt Ion: 42 Resp: 329954

Ion Ratio Lower Upper

42 100

74 85.7 123.4 185.0#

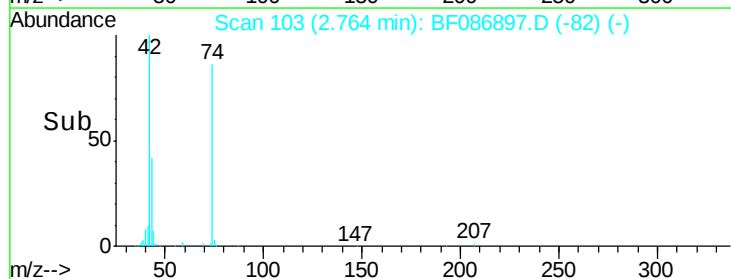
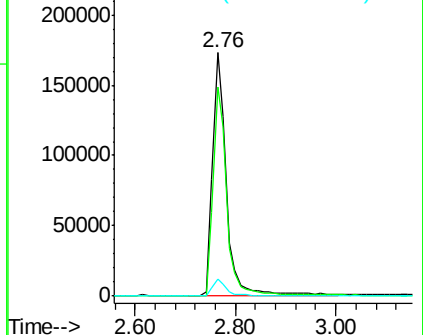
44 6.8 5.8 8.6

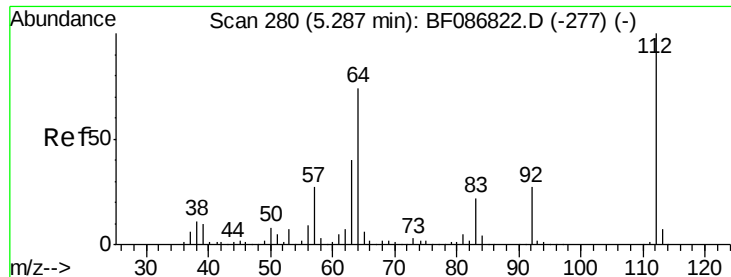


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.10 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.05 min

Lab File: BF086897.D

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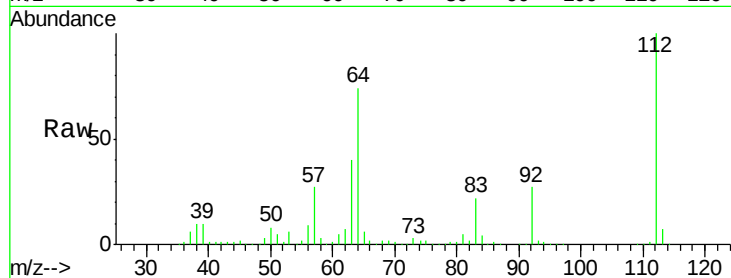
Tgt Ion:112 Resp: 1109305

Ion Ratio Lower Upper

112 100

64 73.7 52.1 78.1

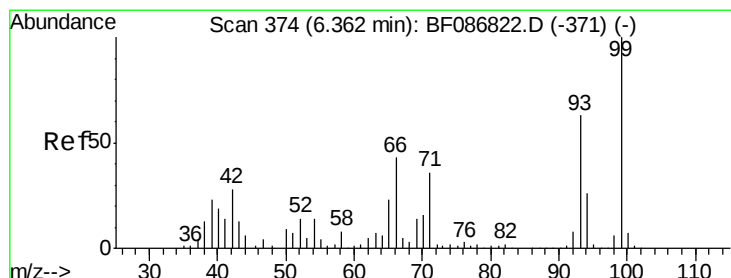
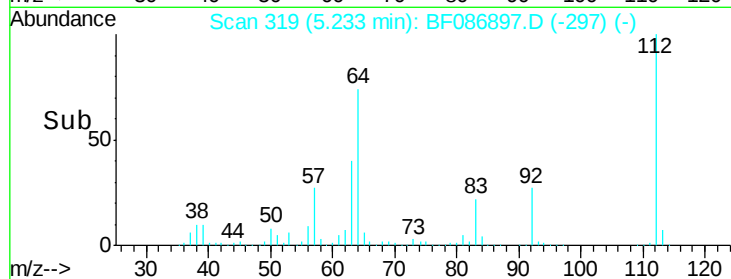
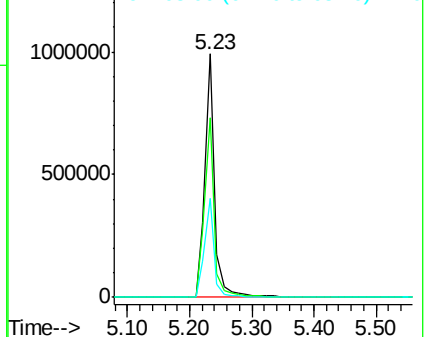
63 40.4 25.7 38.5#



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: 22.76 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

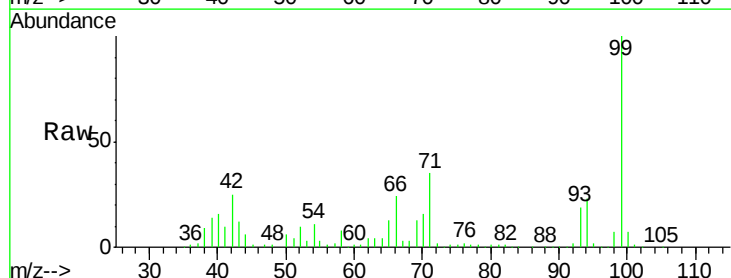
Tgt Ion: 93 Resp: 377609

Ion Ratio Lower Upper

93 100

66 123.2 39.0 58.6#

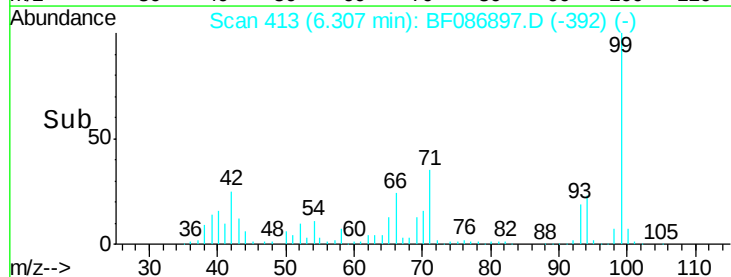
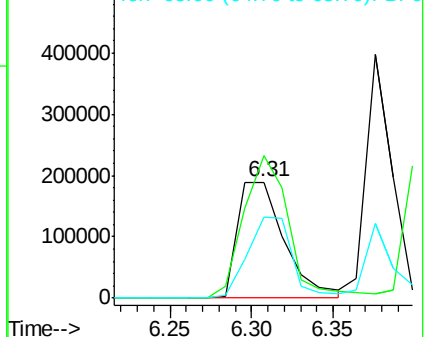
65 69.4 20.6 31.0#

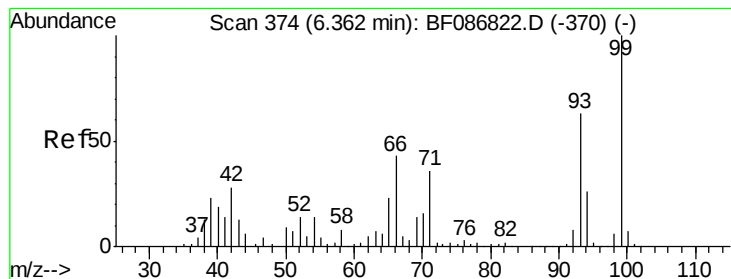


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.35 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

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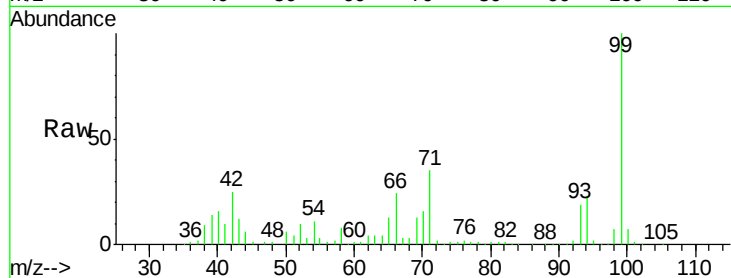
Tgt Ion: 99 Resp: 1527138

Ion Ratio Lower Upper

99 100

42 25.0 13.6 20.4#

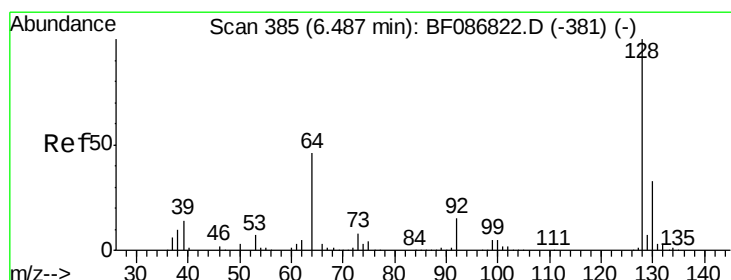
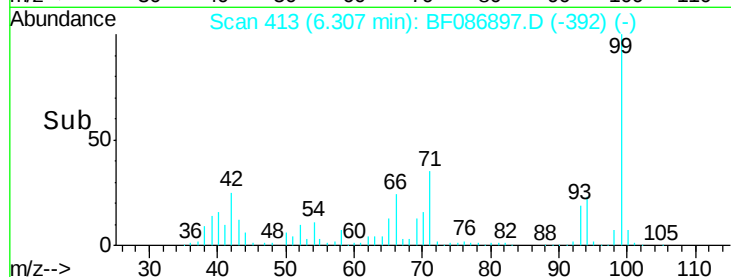
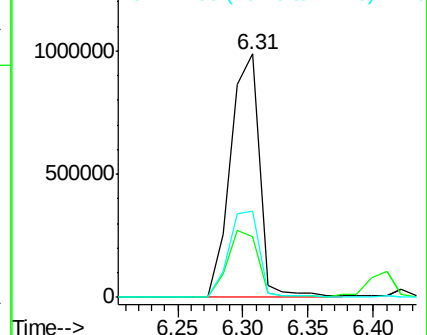
71 35.4 24.6 36.8



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



#8

2-Chlorophenol

Concen: 35.29 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

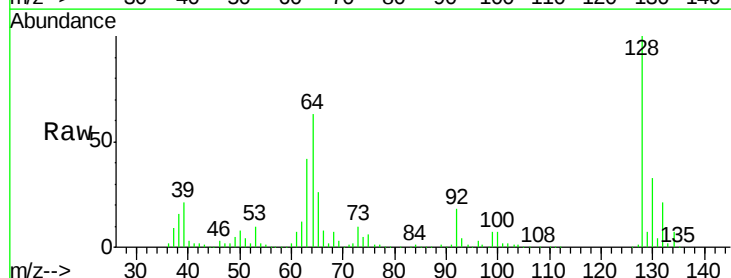
Tgt Ion: 128 Resp: 437019

Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

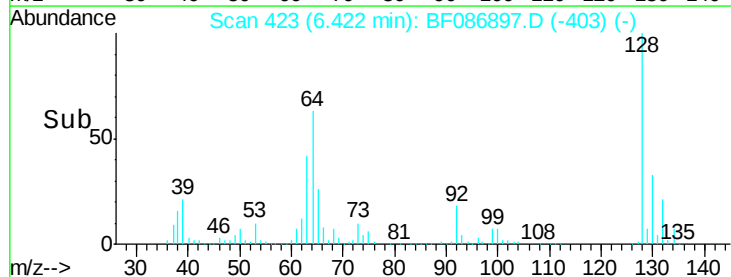
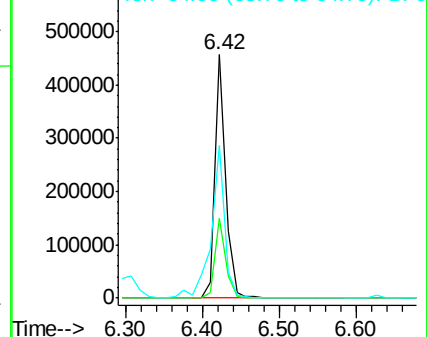
64 62.9 27.3 67.3

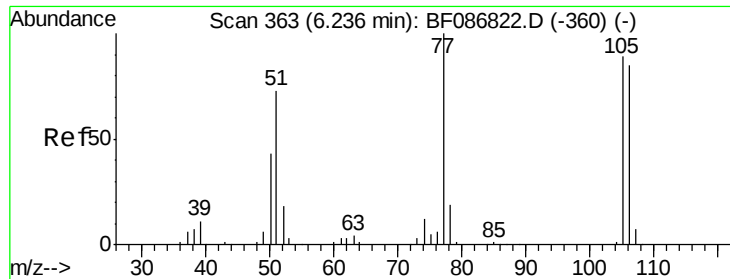


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.14 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.05 min

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TILCON-MH-SF-003MS

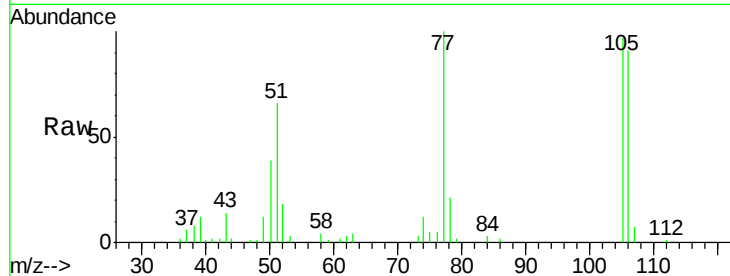
Tgt Ion: 77 Resp: 48795

Ion Ratio Lower Upper

77 100

105 97.1 72.7 112.7

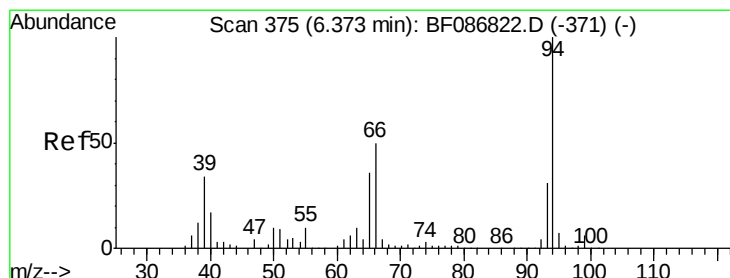
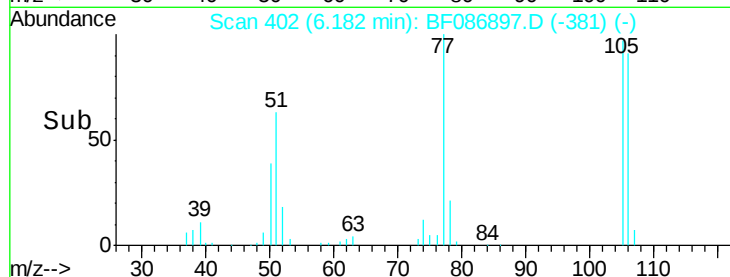
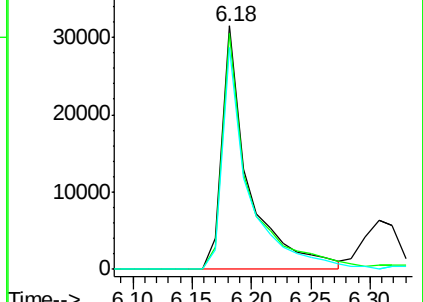
106 91.0 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.71 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.05 min

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Acq: 11 May 2016 19:38

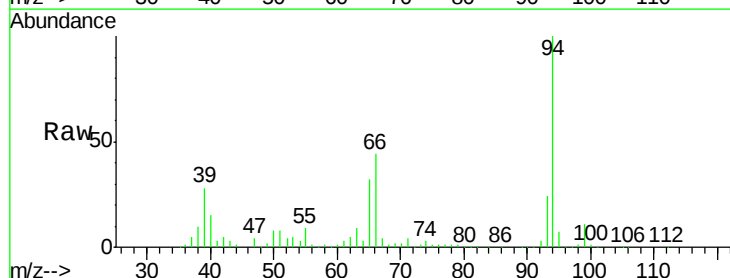
Tgt Ion: 94 Resp: 516961

Ion Ratio Lower Upper

94 100

65 31.6 7.2 47.2

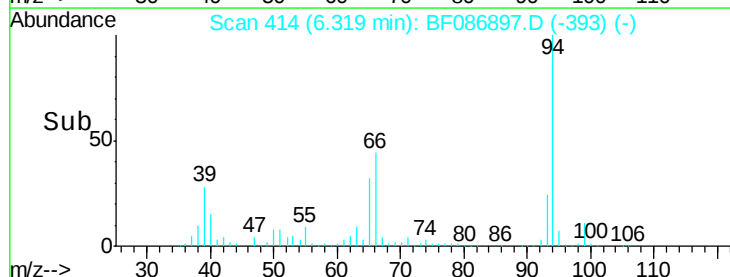
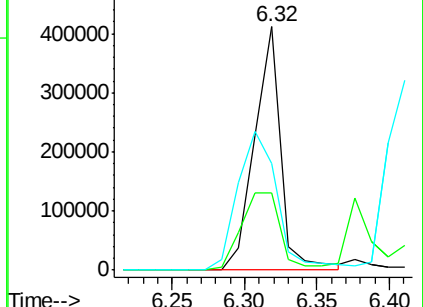
66 43.7 14.9 54.9

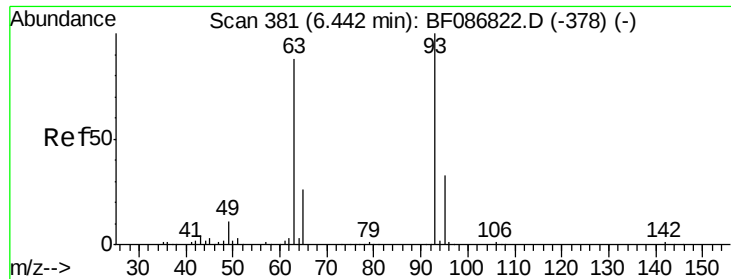


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 32.95 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

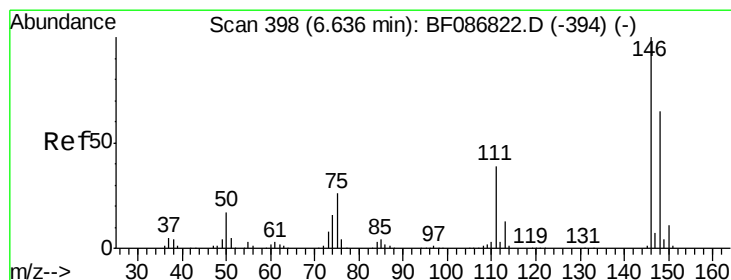
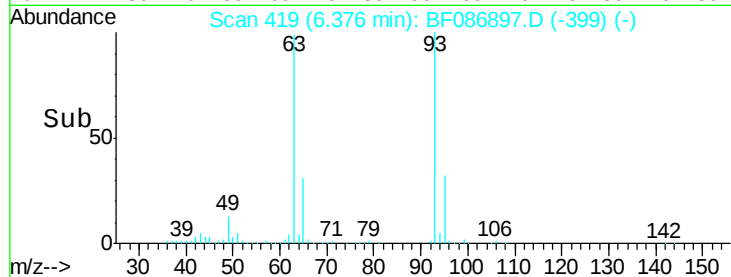
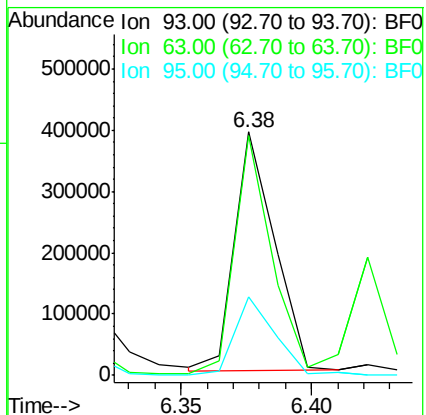
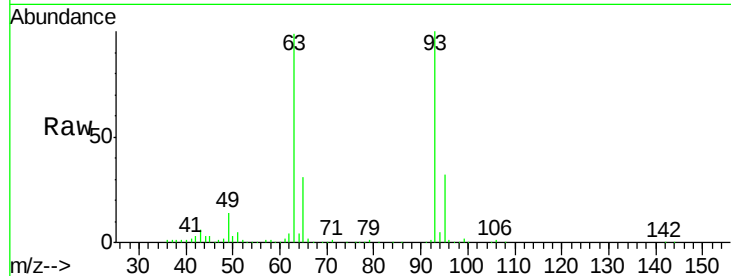
Tgt Ion: 93 Resp: 418846

Ion Ratio Lower Upper

93 100

63 98.7 58.0 98.0#

95 32.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 34.08 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

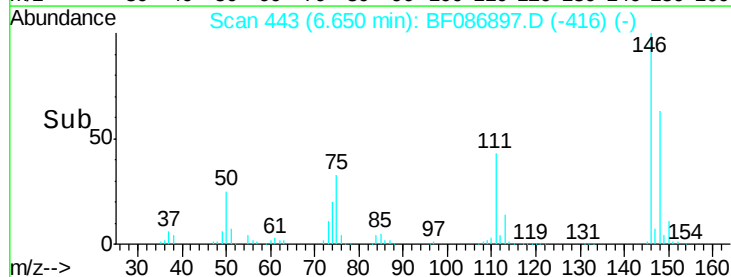
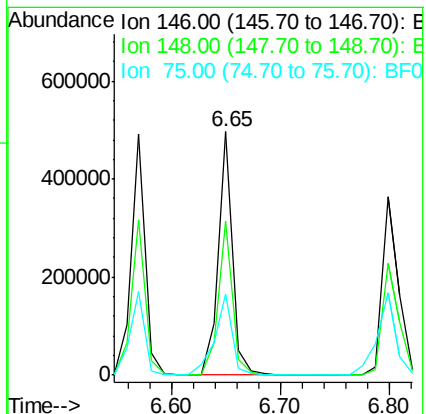
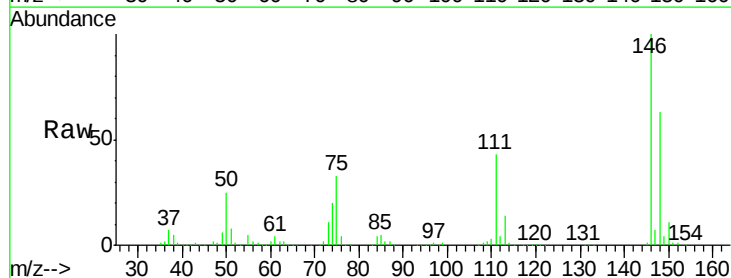
Tgt Ion: 146 Resp: 456725

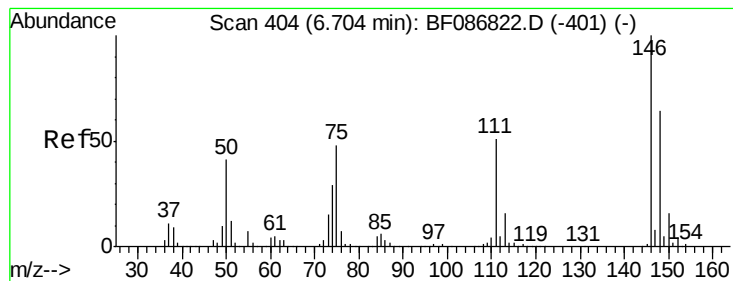
Ion Ratio Lower Upper

146 100

148 63.2 52.4 78.6

75 33.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 33.57 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

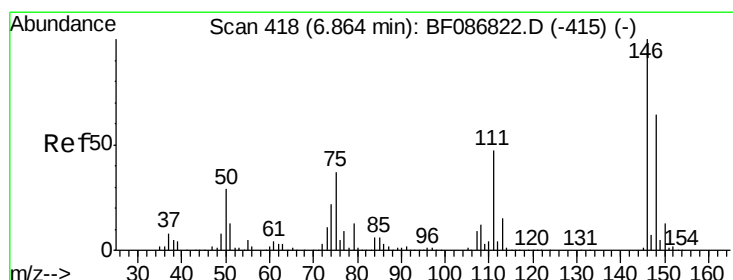
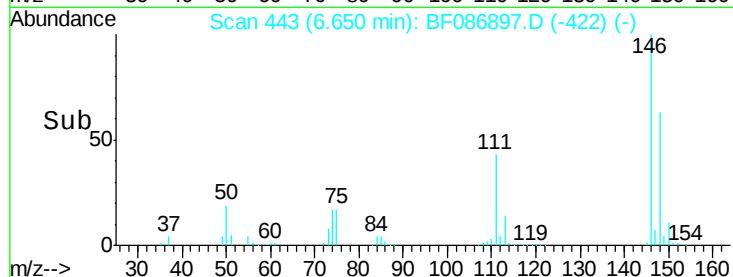
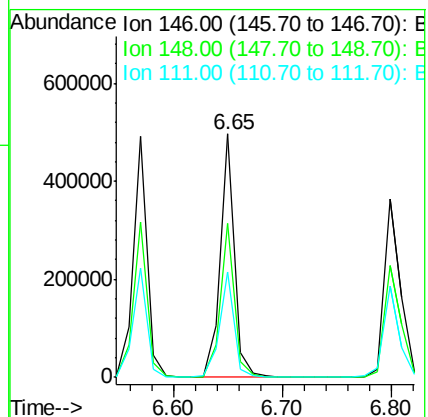
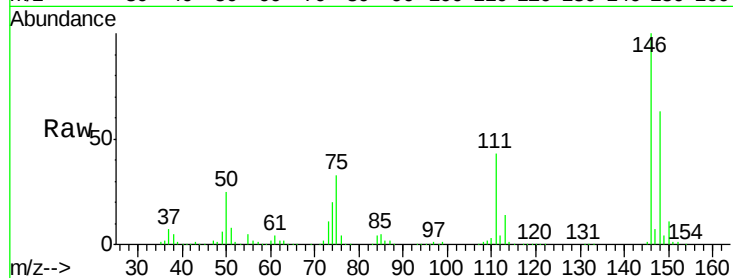
Tgt Ion:146 Resp: 458798

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

111 43.2 30.7 46.1



#14

1,2-Dichlorobenzene

Concen: 32.54 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

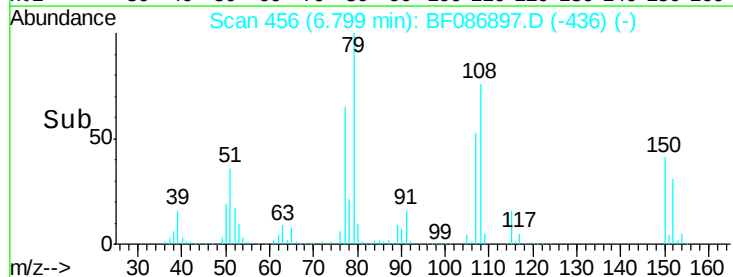
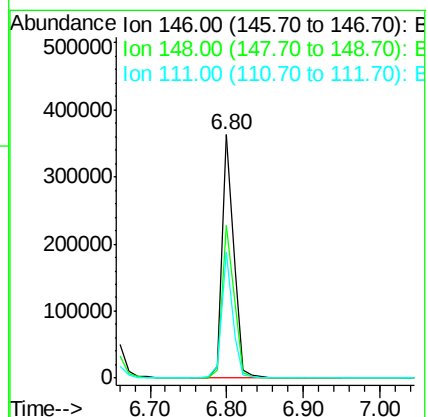
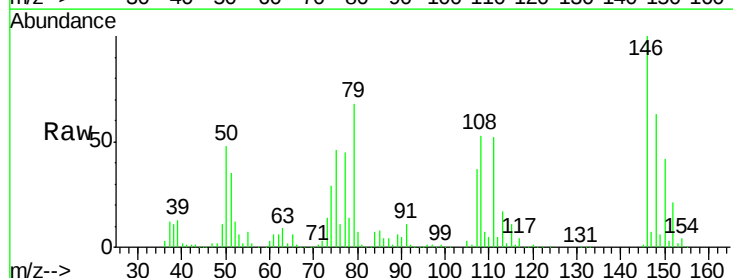
Tgt Ion:146 Resp: 387534

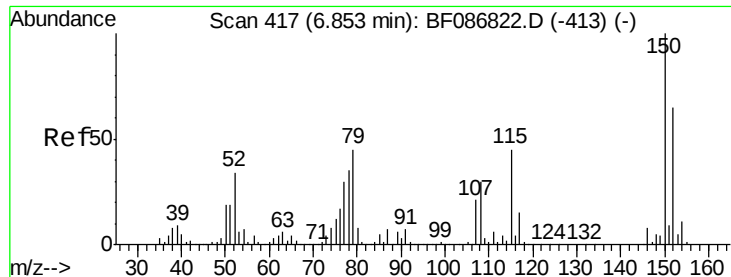
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

111 51.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 38.63 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

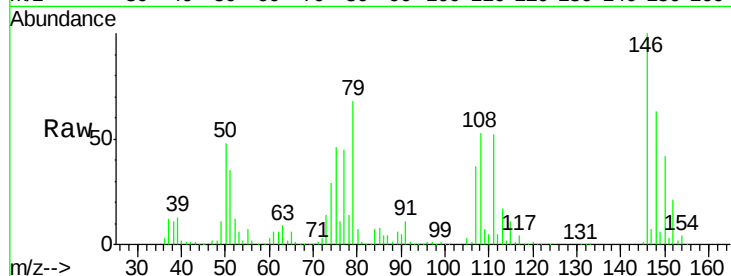
Tgt Ion: 79 Resp: 365896

Ion Ratio Lower Upper

79 100

108 77.7 68.4 102.6

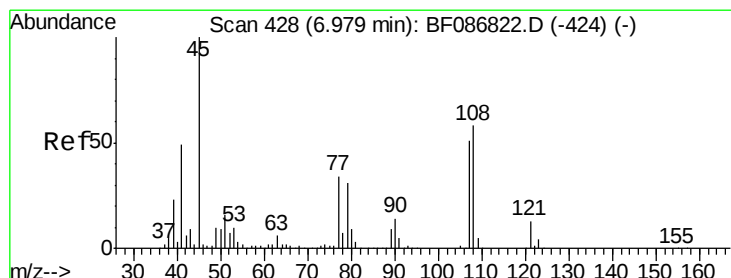
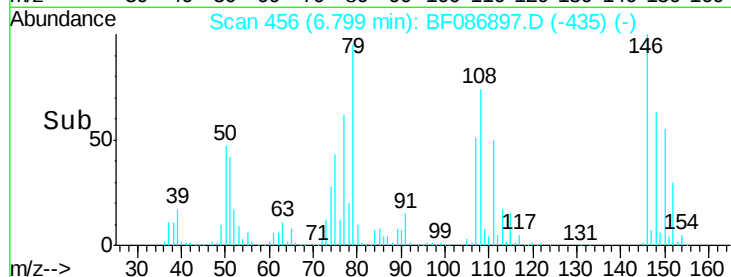
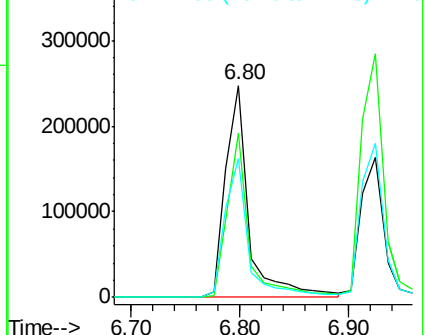
77 65.6 50.6 76.0



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: 31.75 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

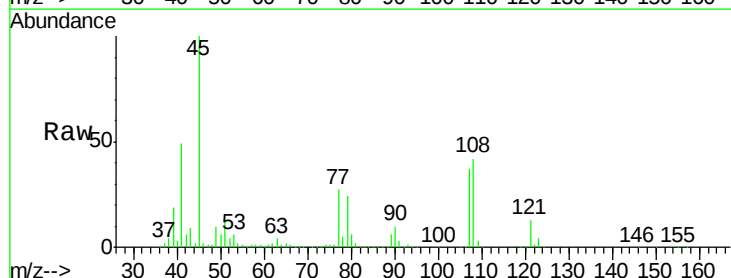
Tgt Ion: 45 Resp: 877501

Ion Ratio Lower Upper

45 100

77 26.5 0.0 36.4

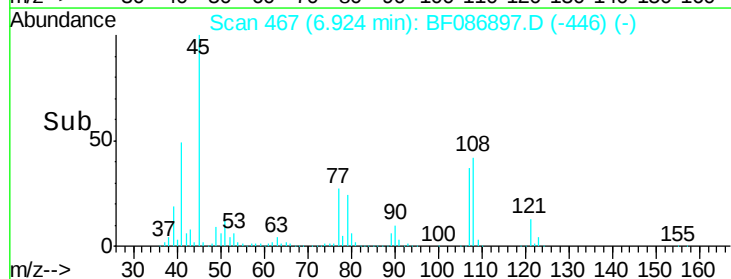
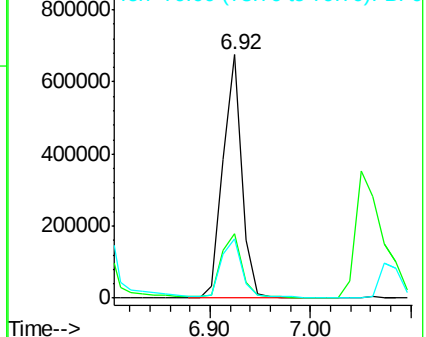
79 24.2 0.0 33.4

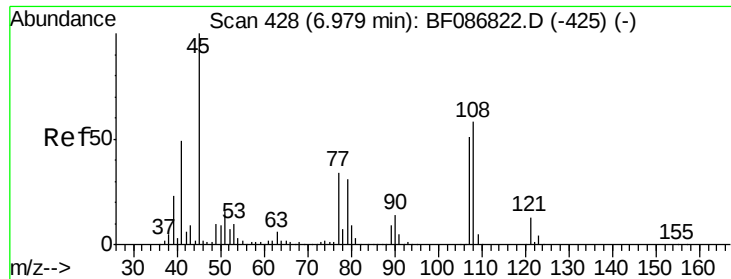


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

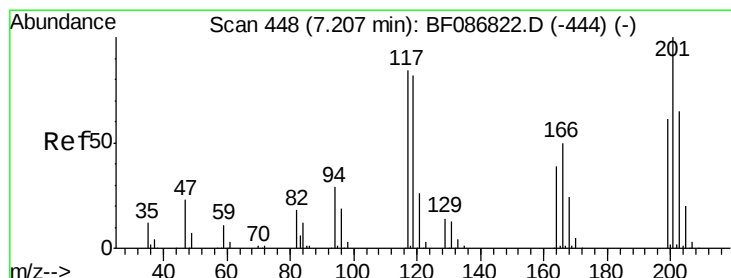
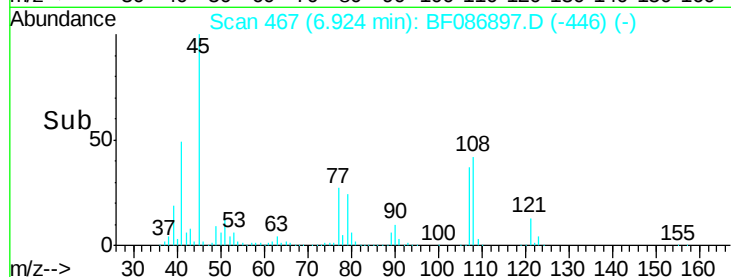
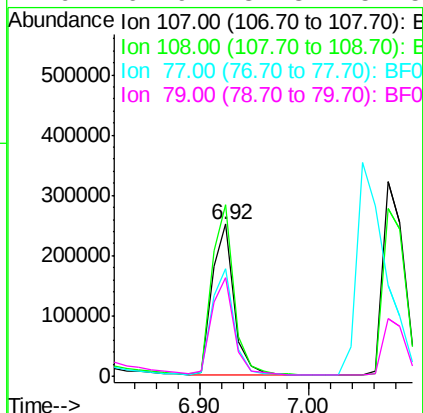
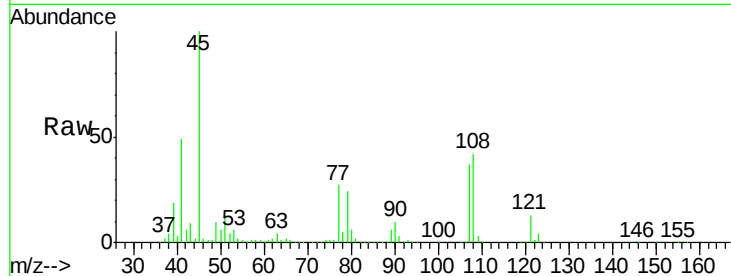




#17
2-Methylphenol
Concen: 36.21 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

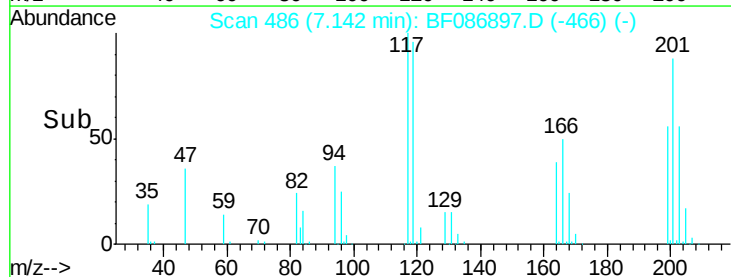
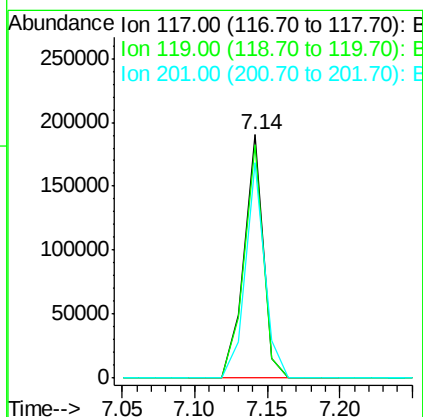
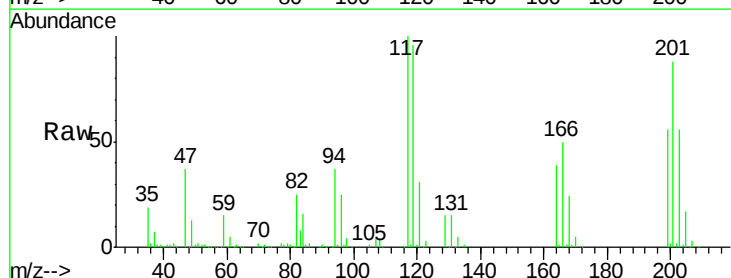
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MS

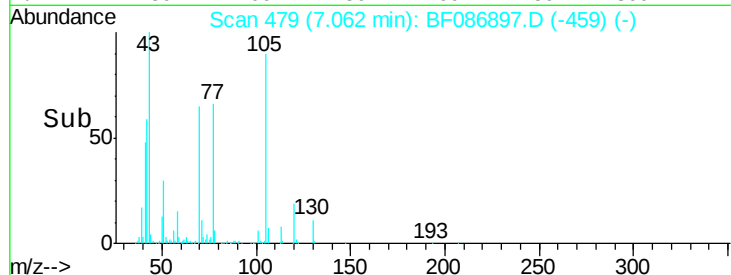
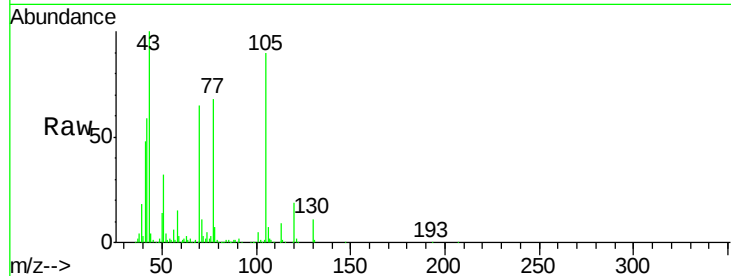
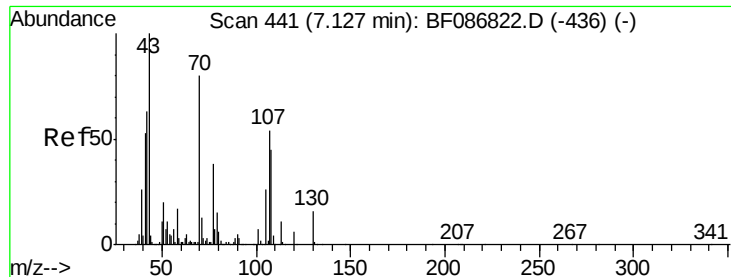
Tgt Ion:107 Resp: 356808
Ion Ratio Lower Upper
107 100
108 112.9 93.7 140.5
77 71.2 33.4 50.0#
79 64.9 34.3 51.5#



#18
Hexachloroethane
Concen: 34.19 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.07 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion:117 Resp: 175780
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
201 88.4 63.0 94.6

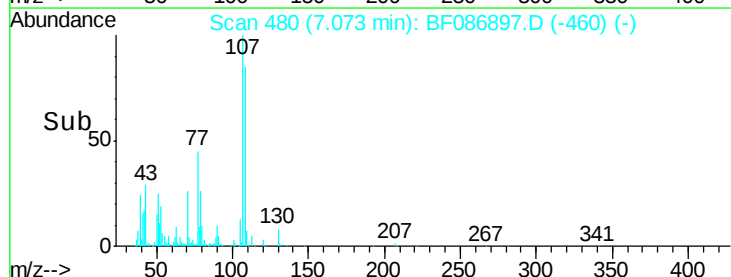
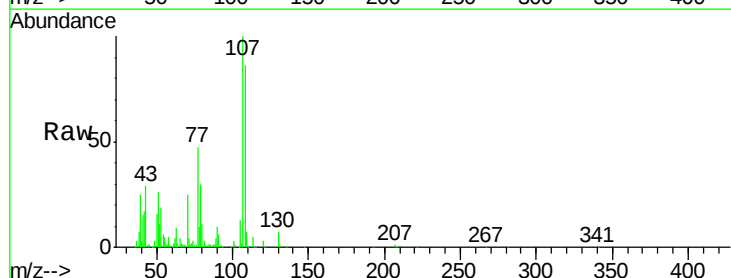
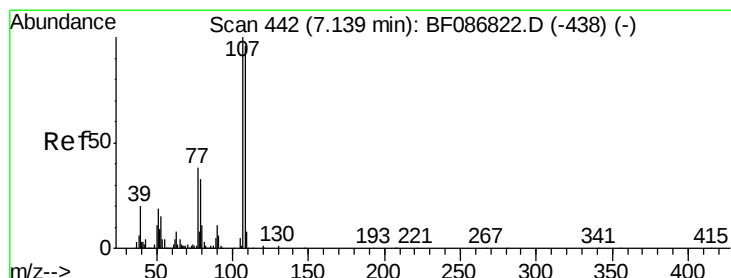
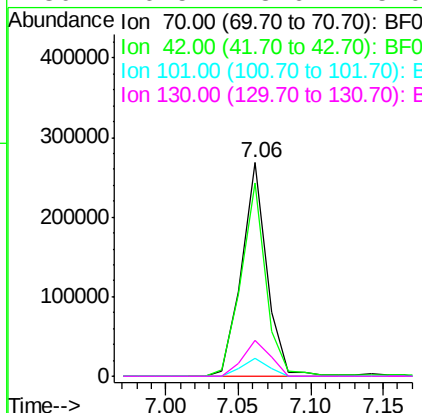




#19
n-Nitroso-di-n-propylamine
Concen: 33.81 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.07 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

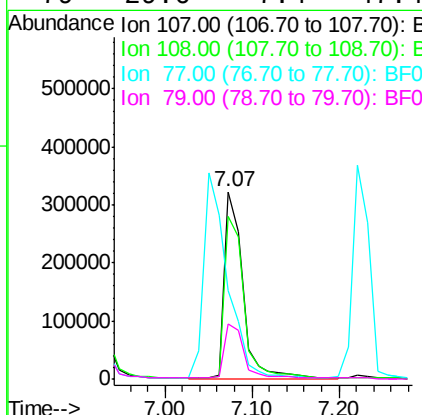
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MS

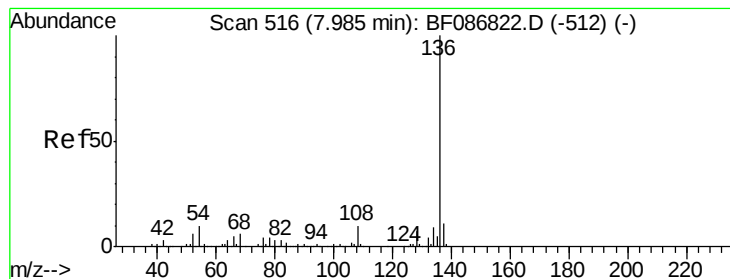
Tgt Ion: 70 Resp: 324078
Ion Ratio Lower Upper
70 100
42 90.4 43.1 64.7#
101 8.4 8.1 12.1
130 16.5 18.6 28.0#



#20
3+4-Methylphenols
Concen: 37.22 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.07 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion: 107 Resp: 479066
Ion Ratio Lower Upper
107 100
108 86.5 68.5 108.5
77 46.9 101.6 141.6#
79 29.6 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

Tgt Ion:136 Resp: 748799

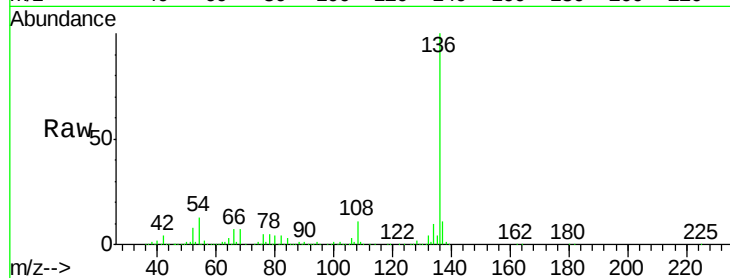
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.8 5.0 7.4#

68 7.0 4.4 6.6#

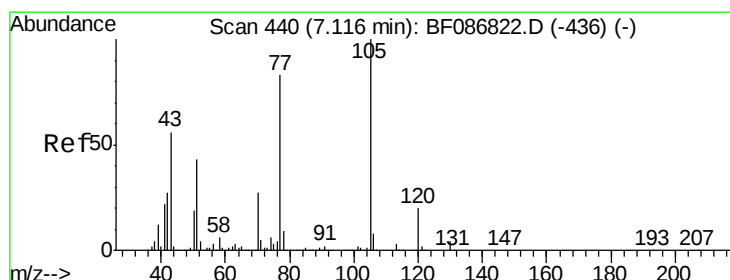
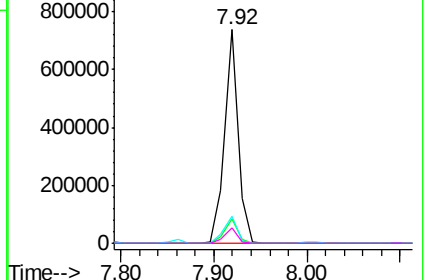
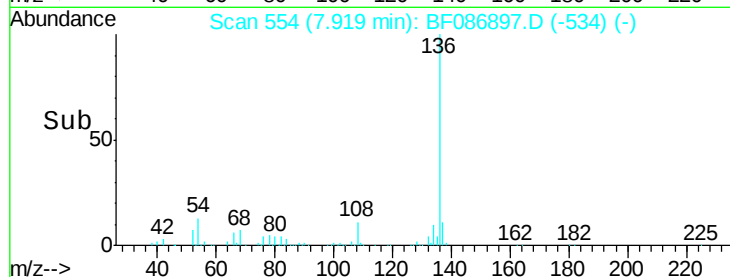


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.41 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Tgt Ion:105 Resp: 626274

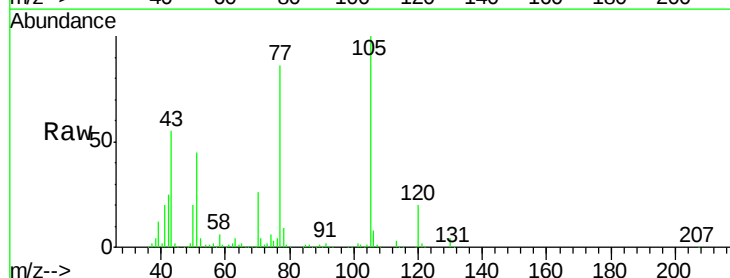
Ion Ratio Lower Upper

105 100

71 4.2 4.8 7.2#

51 44.8 32.6 49.0

120 20.0 16.5 24.7

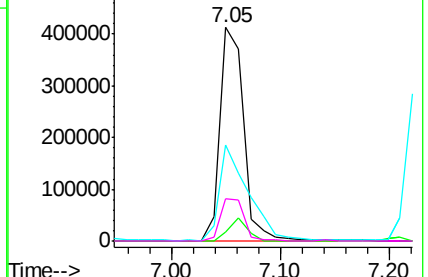
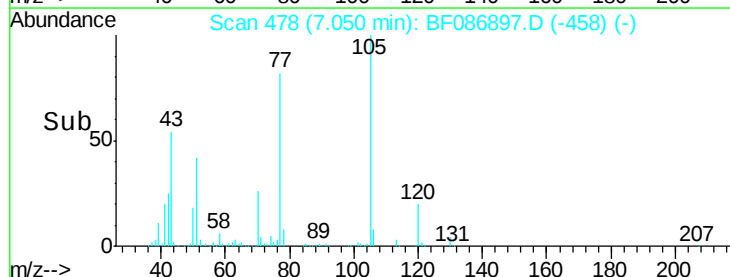


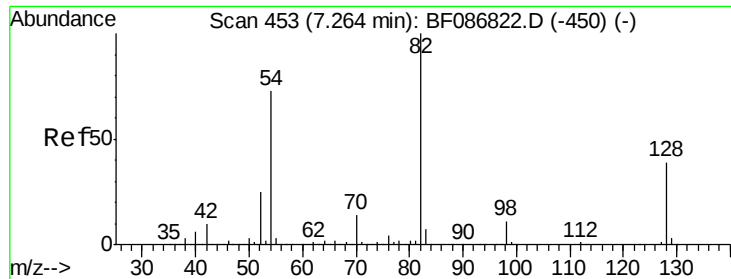
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

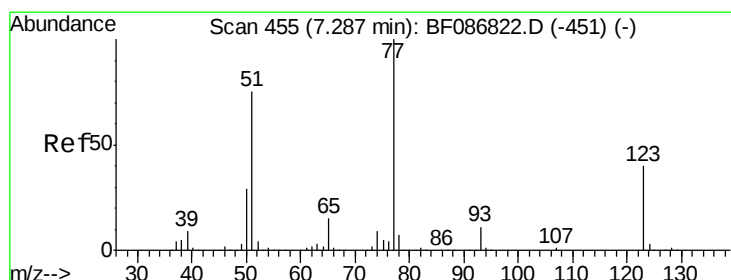
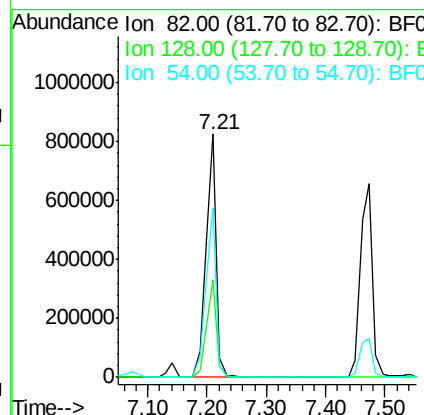
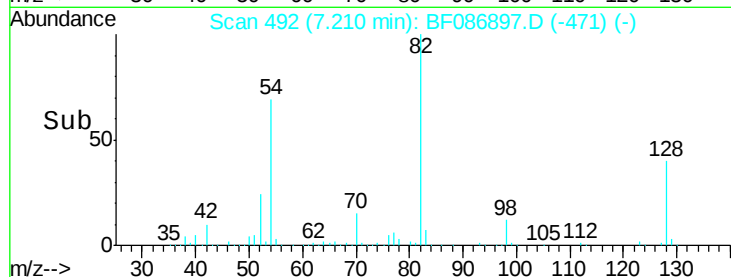
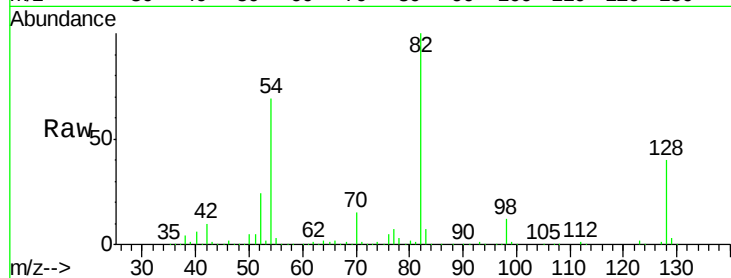




#23
 Nitrobenzene-d5
 Concen: 67.78 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

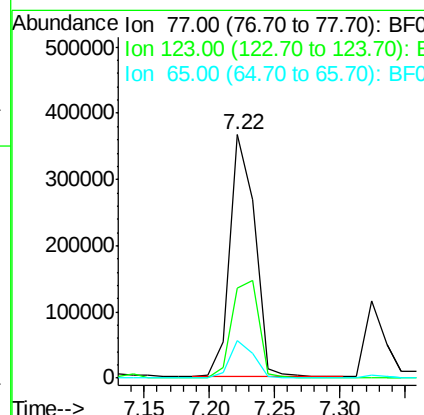
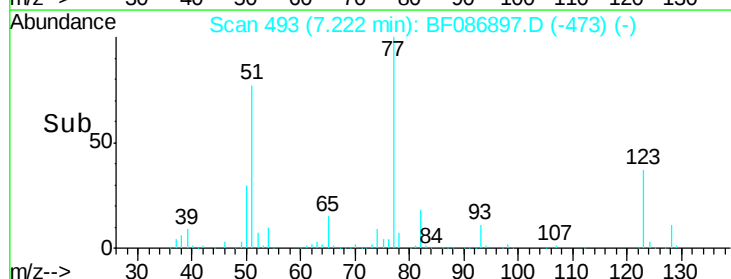
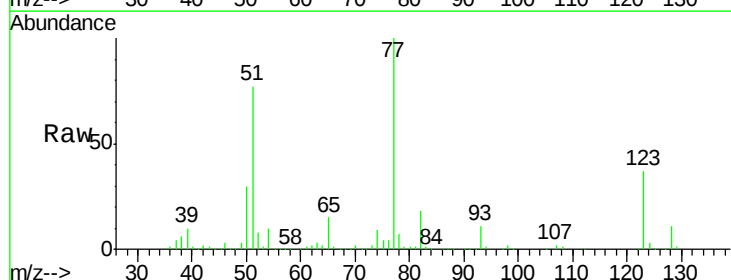
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

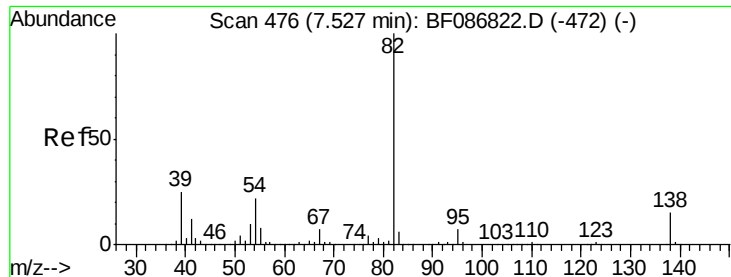
Tgt Ion: 82 Resp: 1010838
 Ion Ratio Lower Upper
 82 100
 128 40.2 40.6 61.0#
 54 69.4 38.1 57.1#



#24
 Nitrobenzene
 Concen: 31.56 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion: 77 Resp: 484110
 Ion Ratio Lower Upper
 77 100
 123 37.1 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 33.31 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

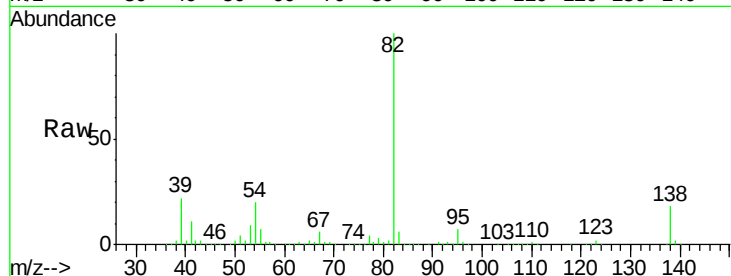
Tgt Ion: 82 Resp: 921638

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

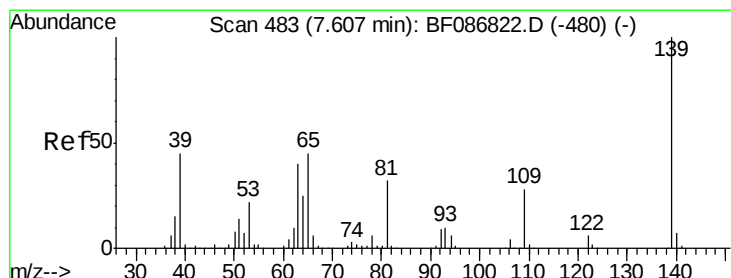
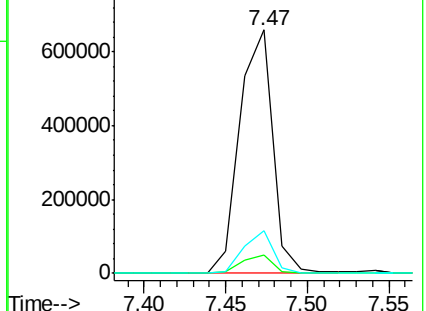
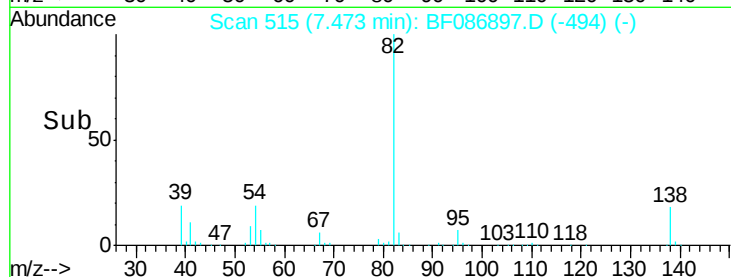
138 17.8 12.4 18.6



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



#26

2-Nitrophenol

Concen: 33.53 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

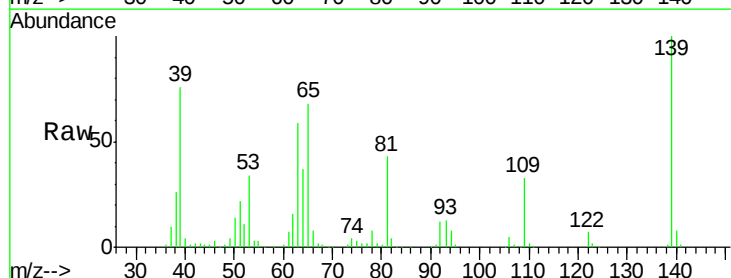
Tgt Ion: 139 Resp: 226113

Ion Ratio Lower Upper

139 100

109 32.8 19.5 29.3#

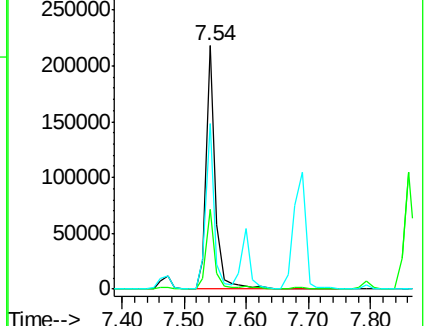
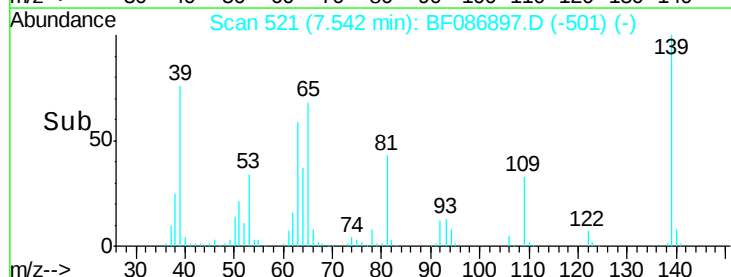
65 67.9 37.5 56.3#

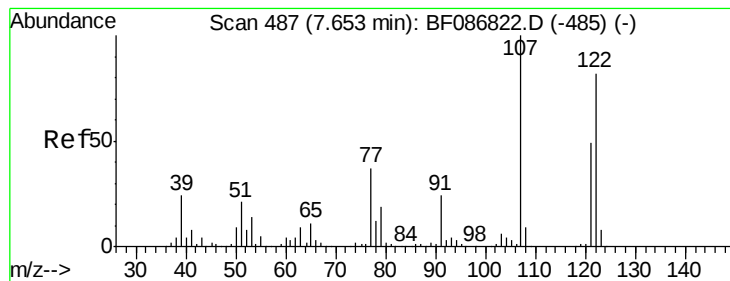


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.15 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

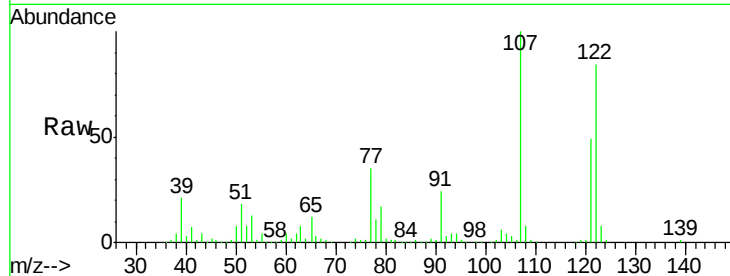
Tgt Ion:122 Resp: 392294

Ion Ratio Lower Upper

122 100

107 118.7 82.0 123.0

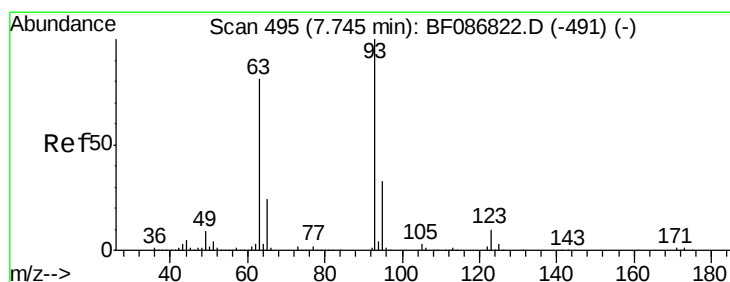
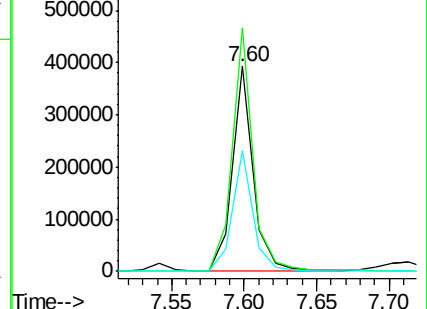
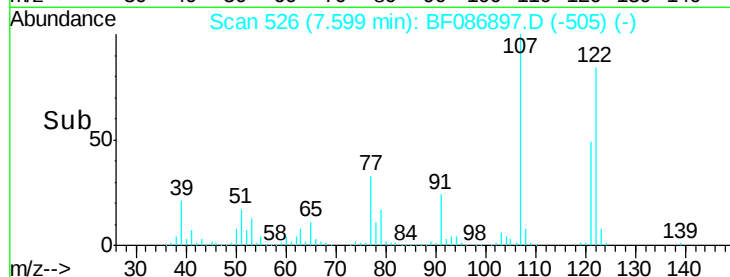
121 58.6 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.18 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

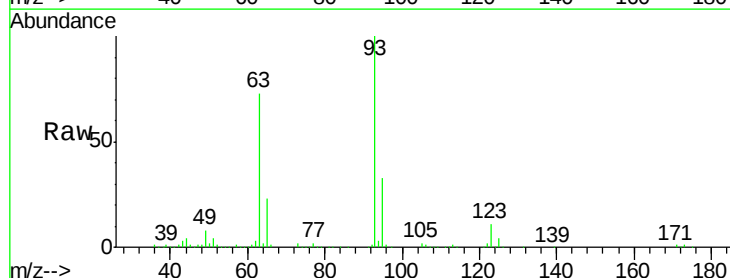
Tgt Ion: 93 Resp: 569772

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

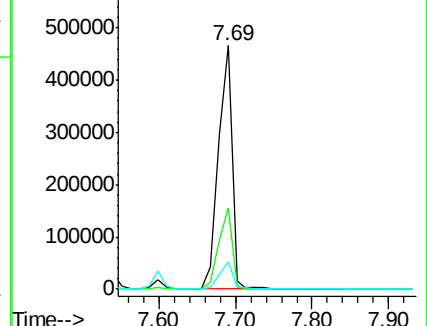
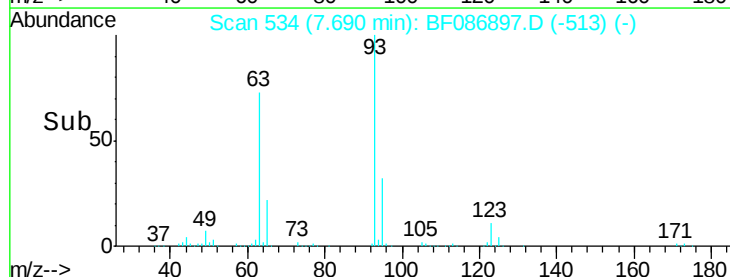
123 11.4 9.5 14.3

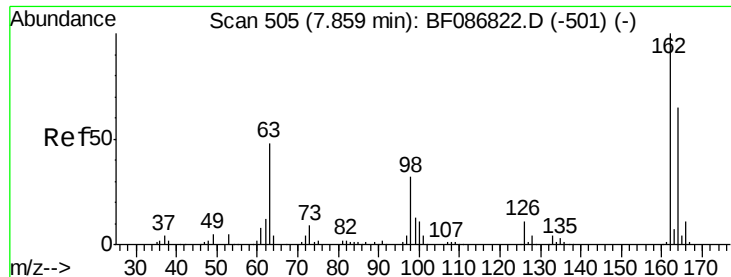


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

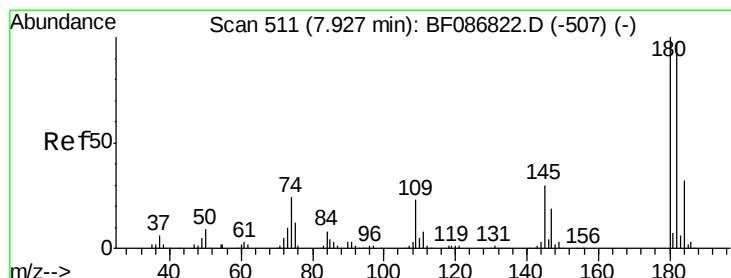
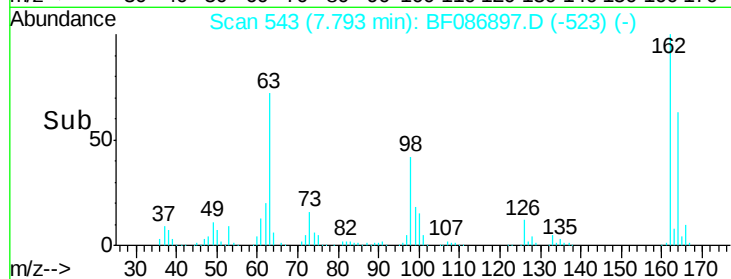
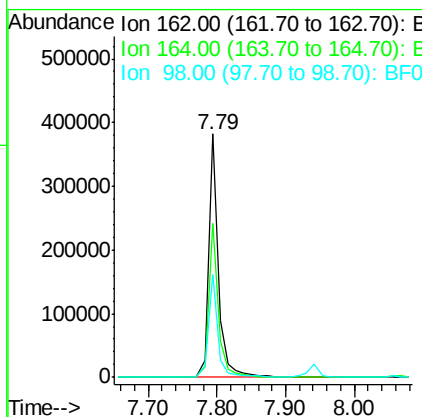
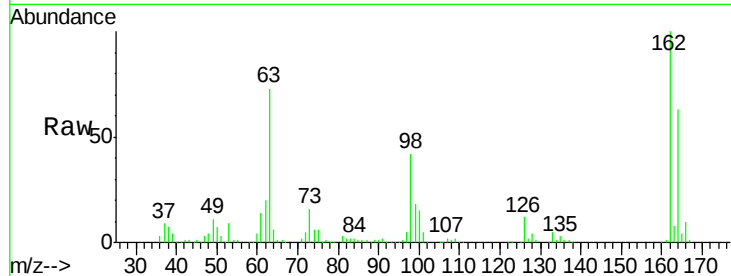




#29
 2,4-Dichlorophenol
 Concen: 37.45 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

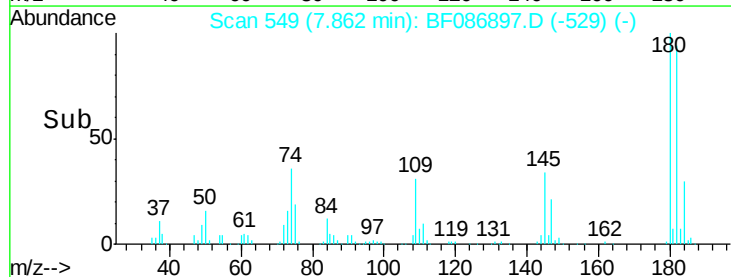
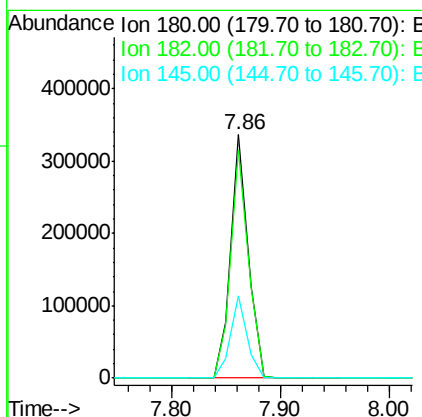
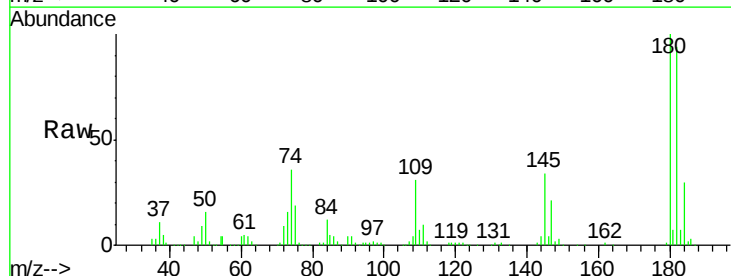
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

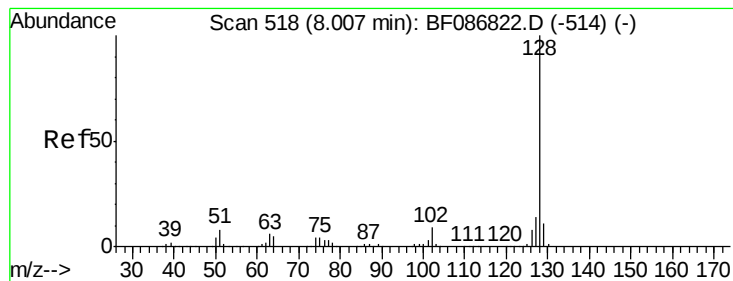
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.2	82.2
98	42.1	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 33.24 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	78.0	117.0
145	34.0	24.2	36.2





#31

Naphthalene

Concen: 33.83 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

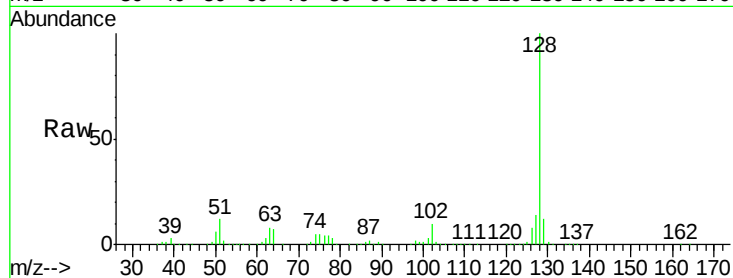
Tgt Ion:128 Resp: 1268701

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

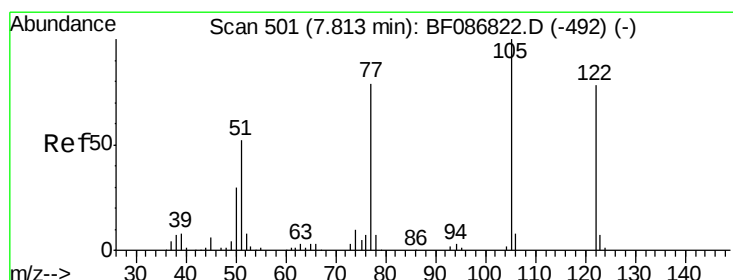
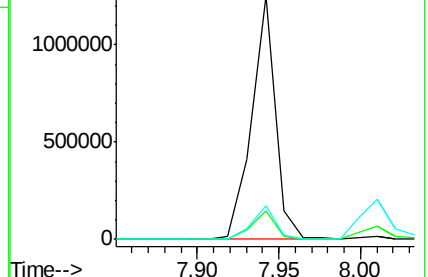
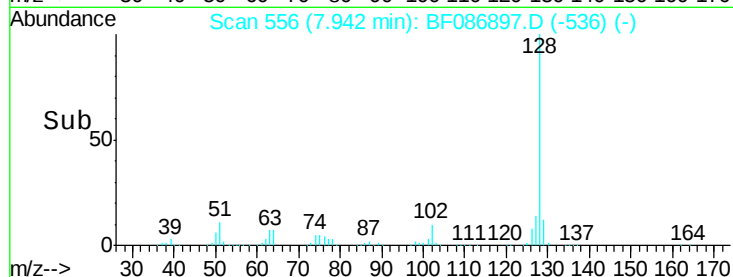
127 13.8 10.8 16.2



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



#32

Benzoic acid

Concen: 5.87 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

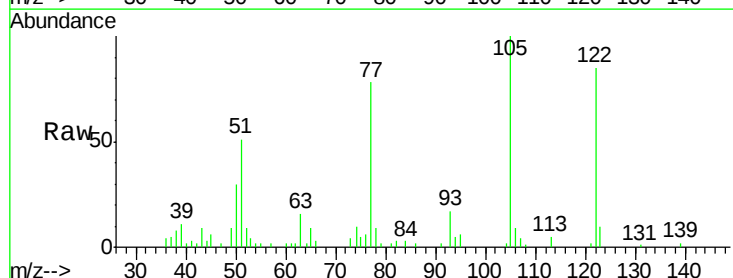
Tgt Ion:122 Resp: 39617

Ion Ratio Lower Upper

122 100

105 118.3 92.6 132.6

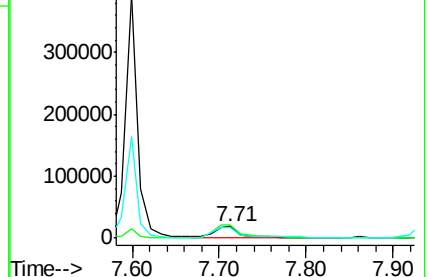
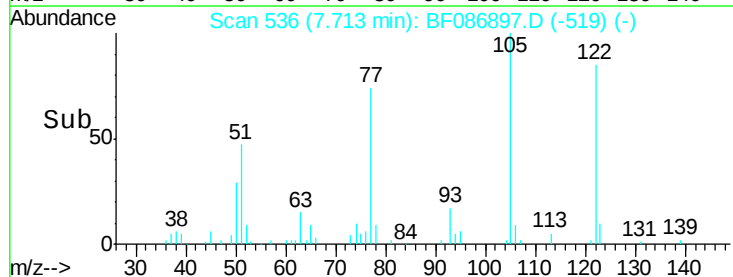
77 91.9 60.0 100.0

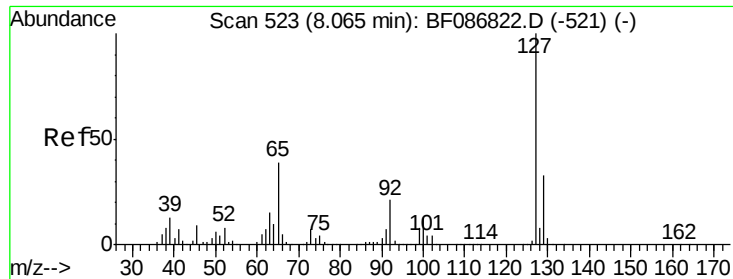


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

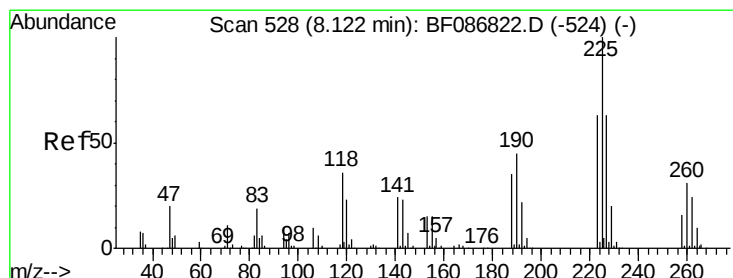
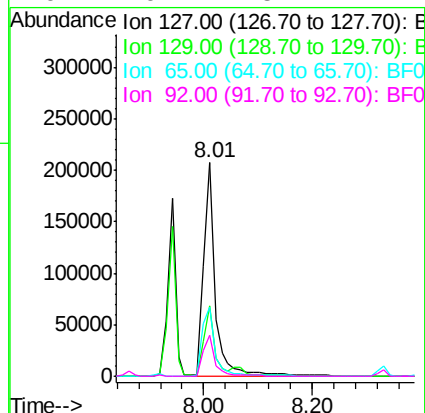
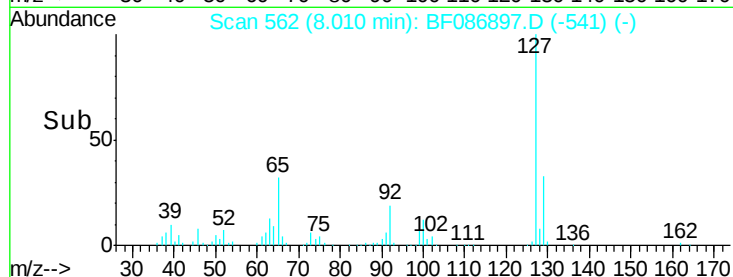
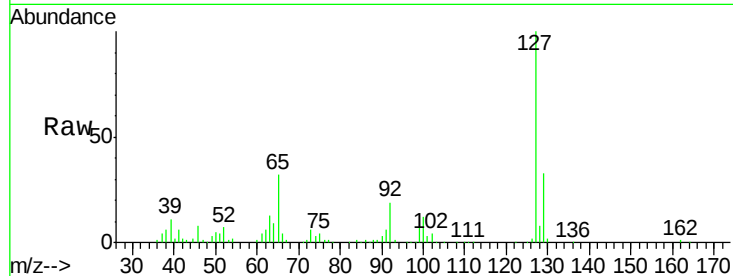




#33
4-Chloroaniline
Concen: 20.67 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

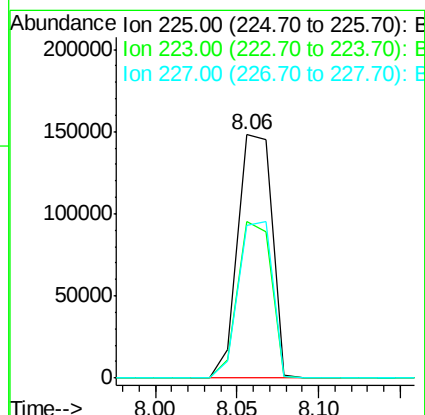
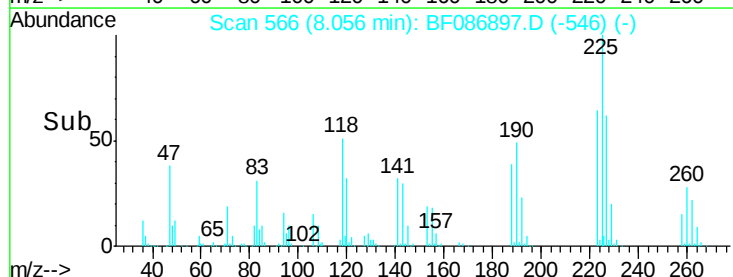
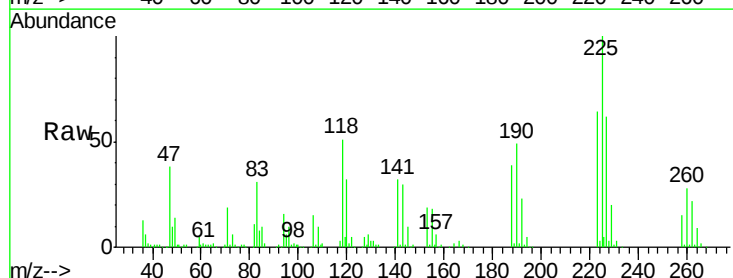
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MS

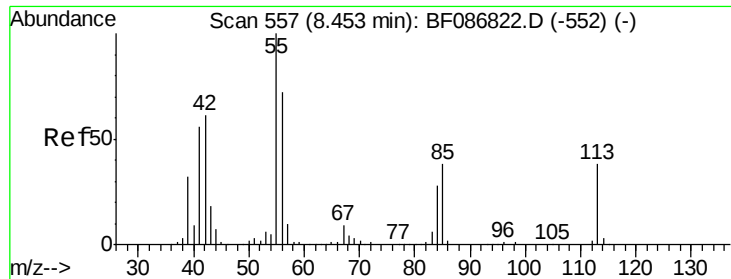
Tgt Ion:	127	Resp:	301153
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	32.3	23.0	34.4
92	19.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 32.67 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.07 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion:	225	Resp:	214300
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.5	77.3
227	62.5	52.2	78.2

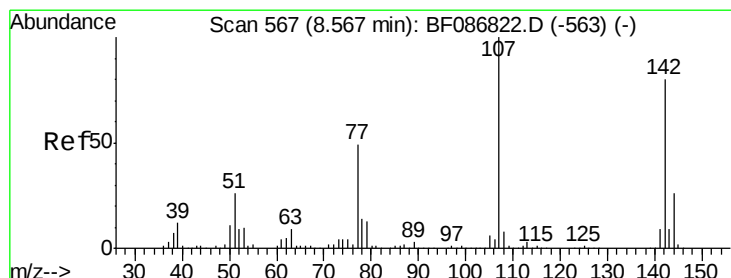
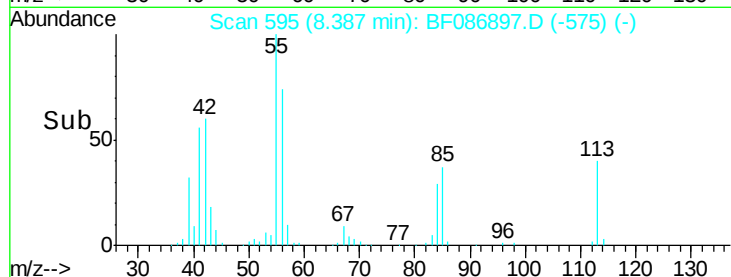
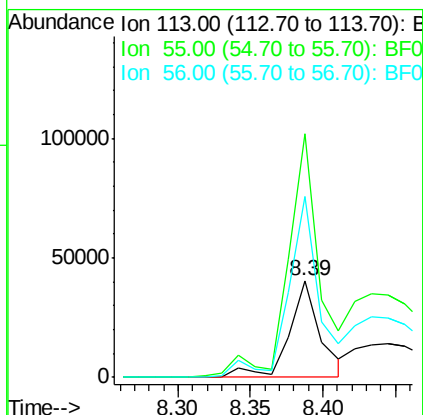
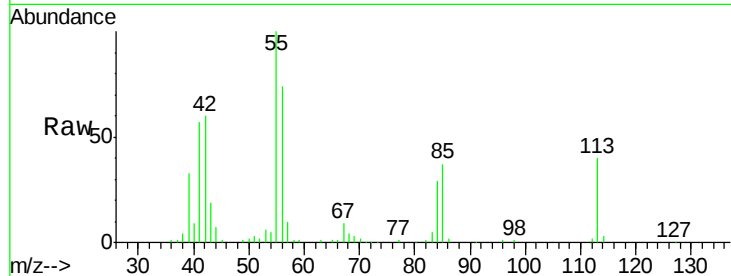




#35
 Caprolactam
 Concen: 17.30 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

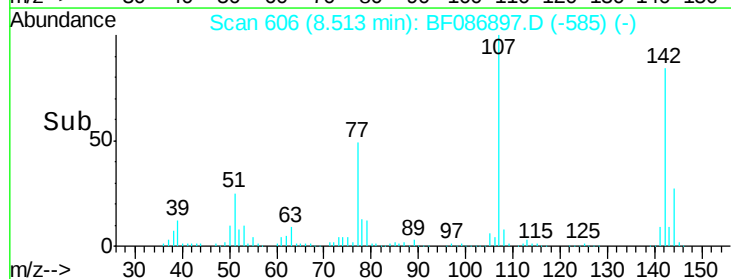
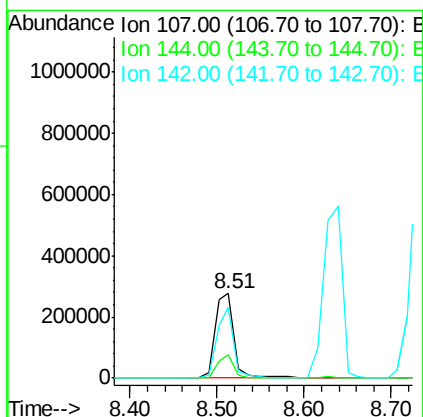
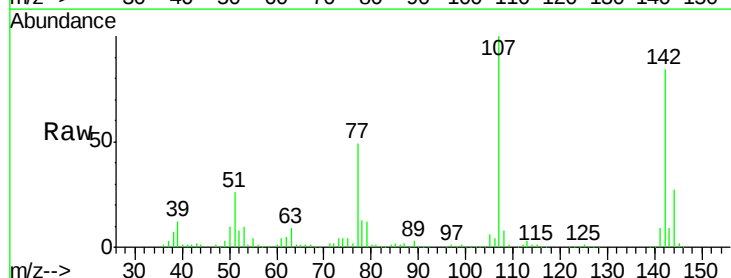
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

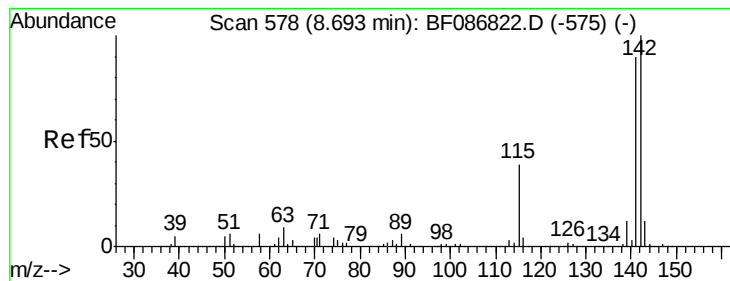
Tgt Ion:113 Resp: 59509
 Ion Ratio Lower Upper
 113 100
 55 251.5 162.0 202.0#
 56 186.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 34.51 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion:107 Resp: 423100
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.7 31.1
 142 83.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 37.36 ng

RT: 8.64 min Scan# 617

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

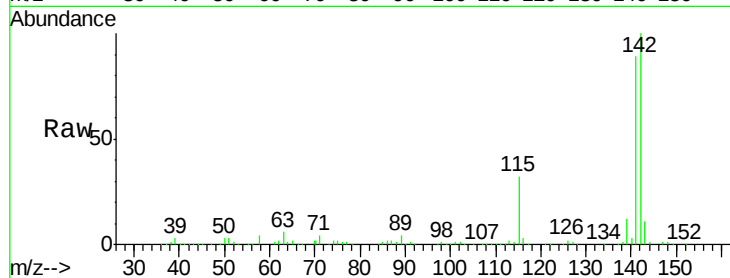
Tgt Ion:142 Resp: 819107

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

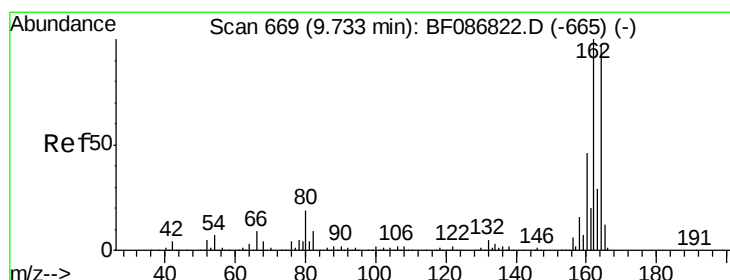
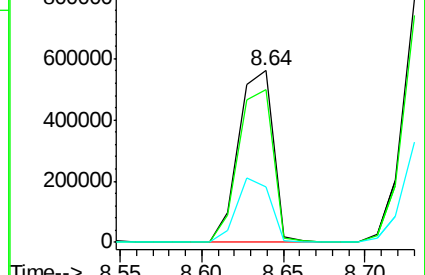
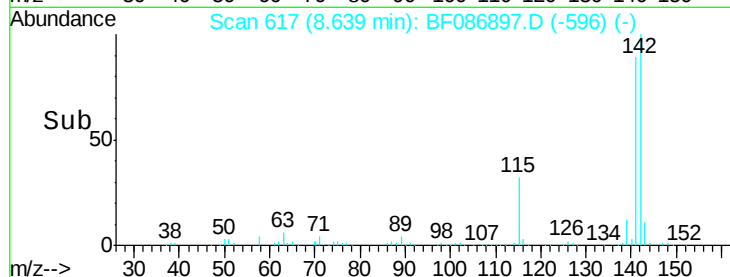
115 32.4 26.6 39.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

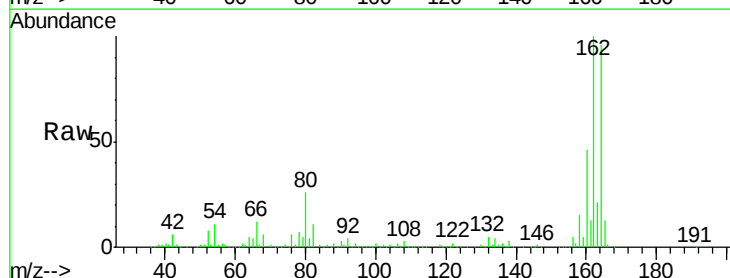
Tgt Ion:164 Resp: 356537

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

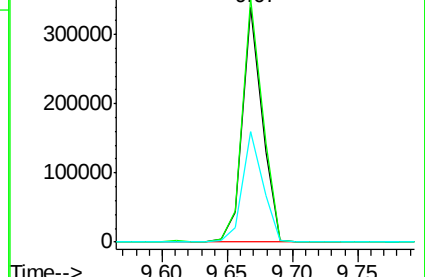
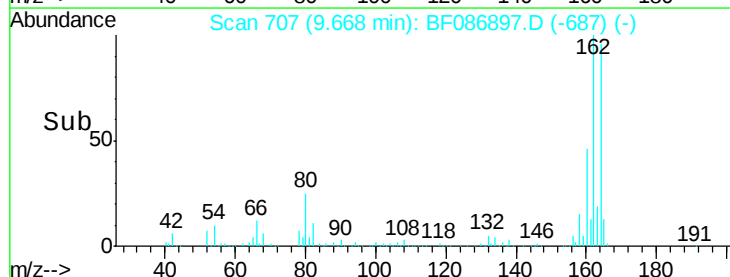
160 47.3 36.9 55.3

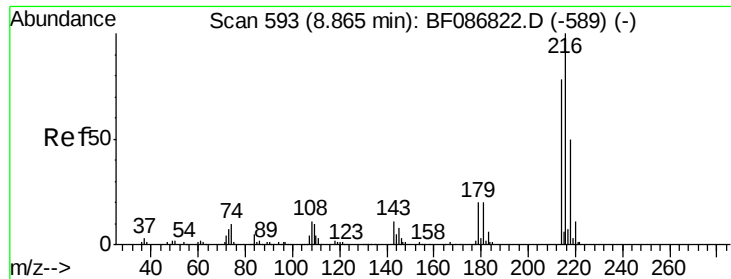


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

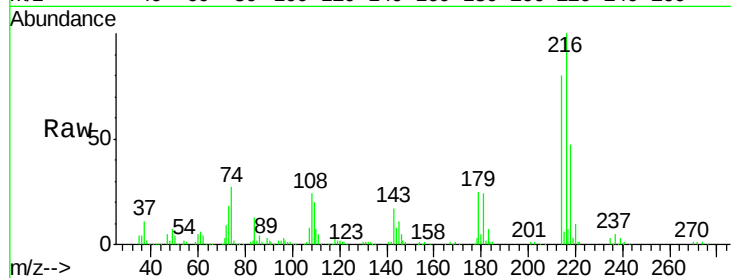




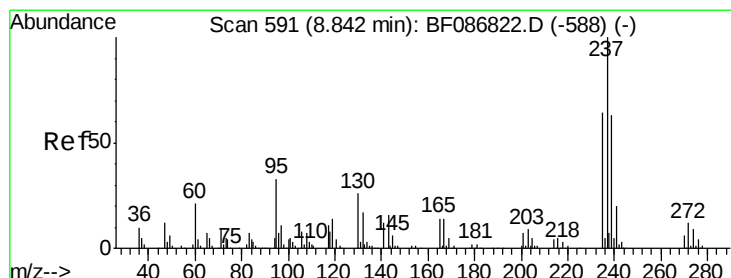
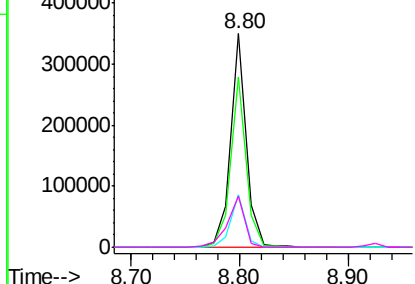
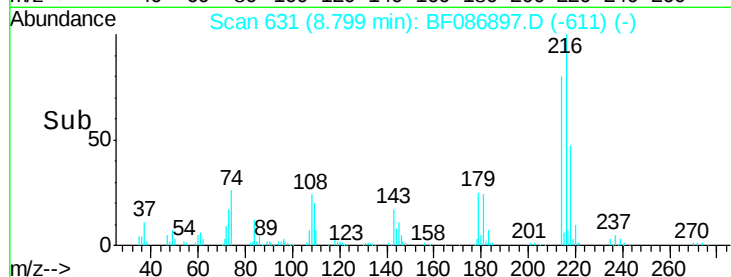
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.23 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

Tgt Ion:	216	Resp:	344441
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	93.8
179	23.6	18.2	27.4
108	26.7	17.5	26.3#

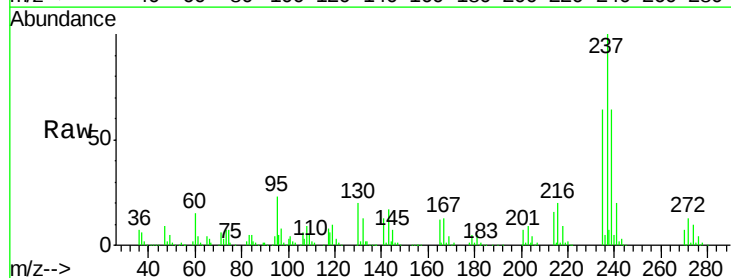


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

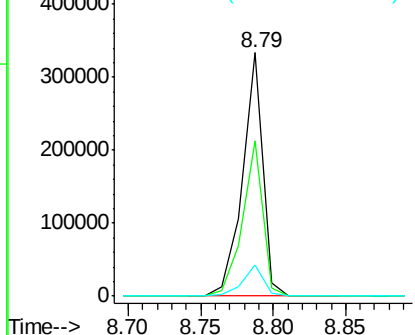
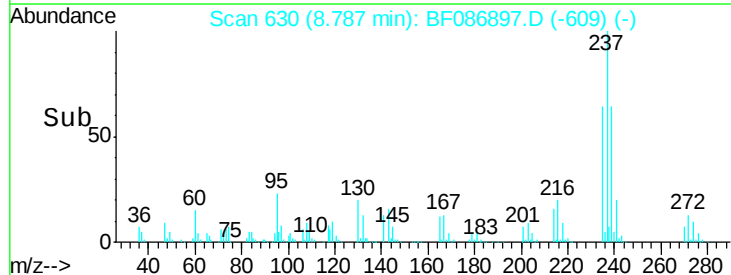


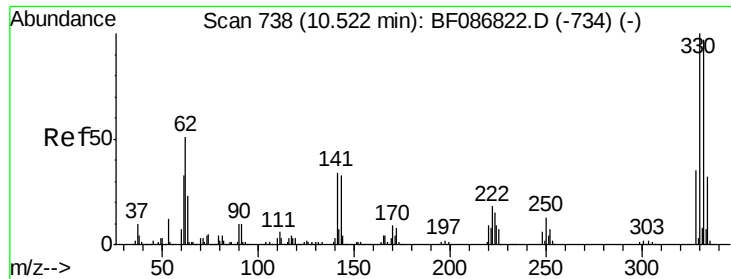
#40
 Hexachlorocyclopentadiene
 Concen: 65.88 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion:	237	Resp:	324160
Ion	Ratio	Lower	Upper
237	100		
235	64.0	47.2	87.2
272	12.8	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

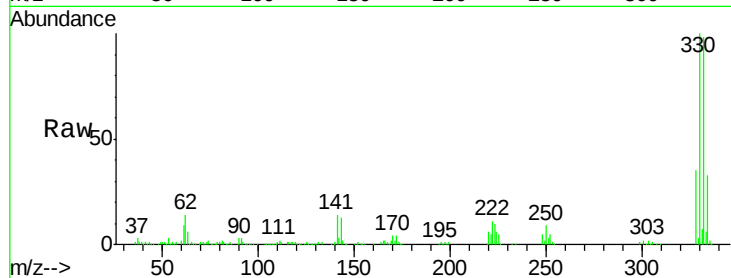




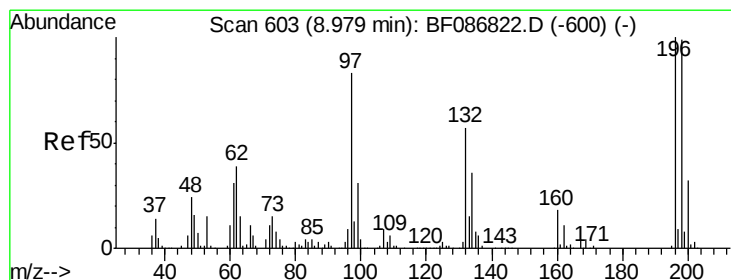
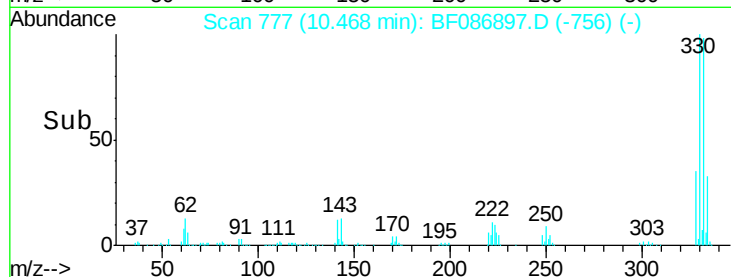
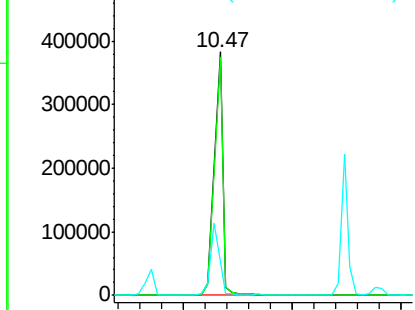
#41
 2,4,6-Tribromophenol
 Concen: 116.12 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

Tgt Ion:330 Resp: 438313
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 30.4 31.2 46.8#

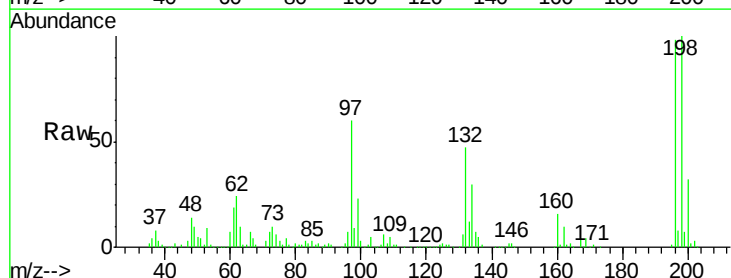


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

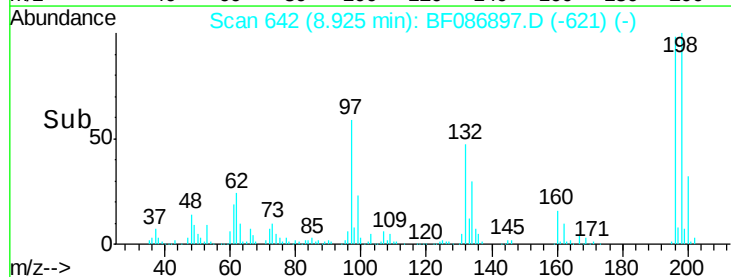
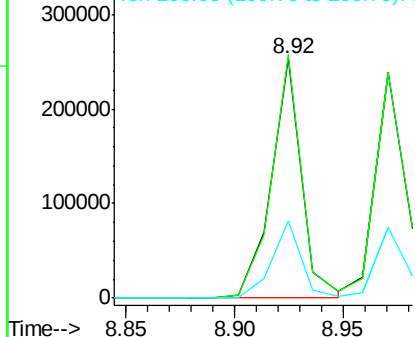


#42
 2,4,6-Trichlorophenol
 Concen: 35.60 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion:196 Resp: 246750
 Ion Ratio Lower Upper
 196 100
 198 101.6 74.7 112.1
 200 32.2 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

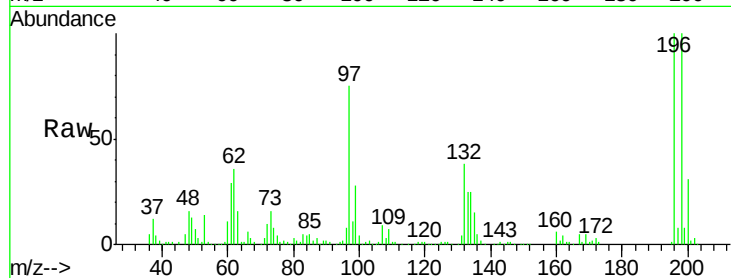




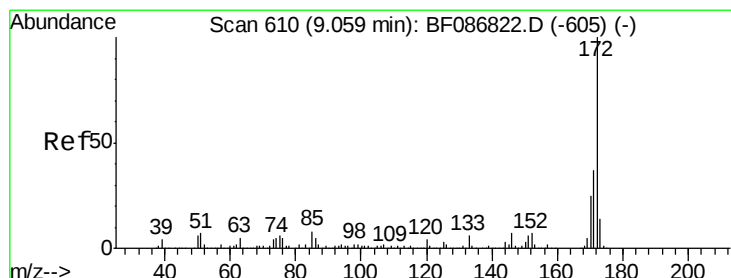
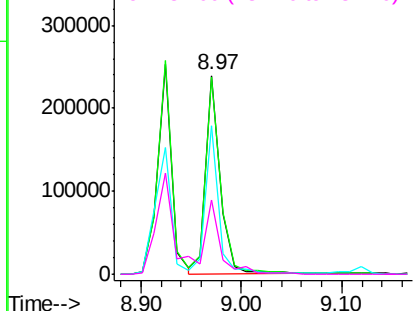
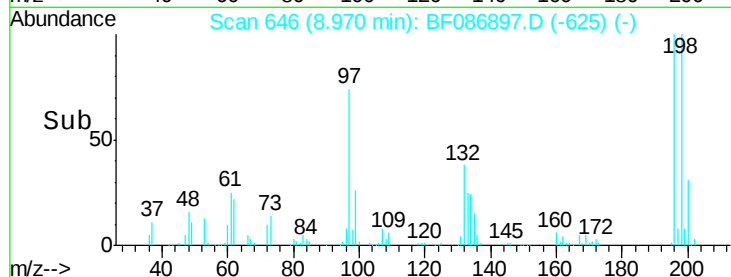
#43
 2,4,5-Trichlorophenol
 Concen: 34.04 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	77.5	116.3
97	75.0	34.8	52.2
132	37.7	23.0	34.4

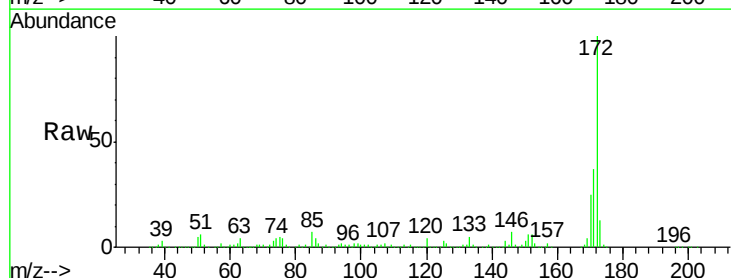


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

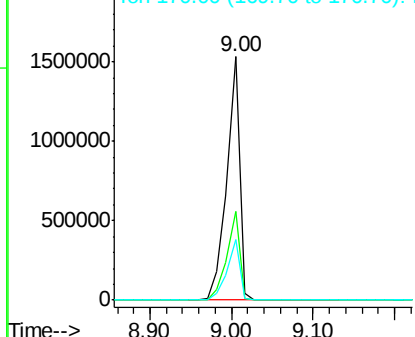
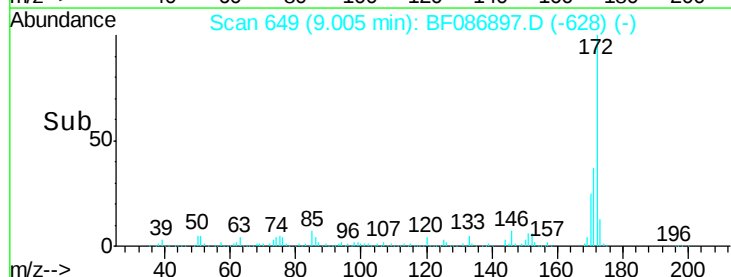


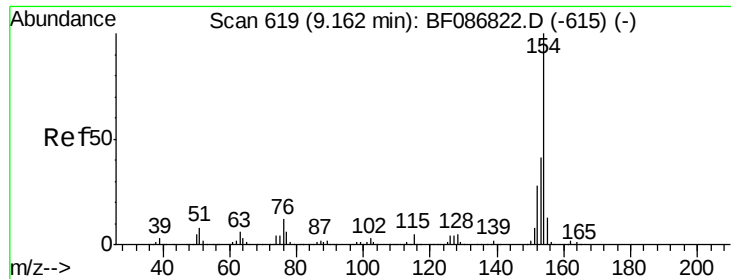
#44
 2-Fluorobiphenyl
 Concen: 78.27 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 34.20 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

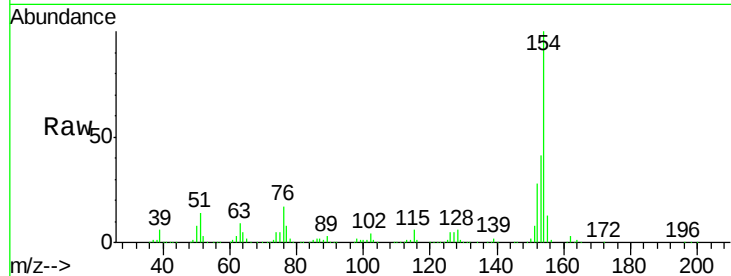
Tgt Ion:154 Resp: 969950

Ion Ratio Lower Upper

154 100

153 41.3 20.3 60.3

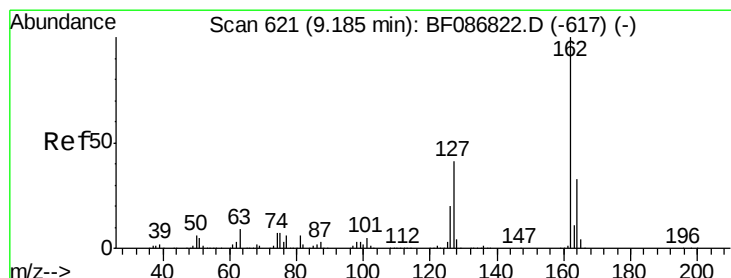
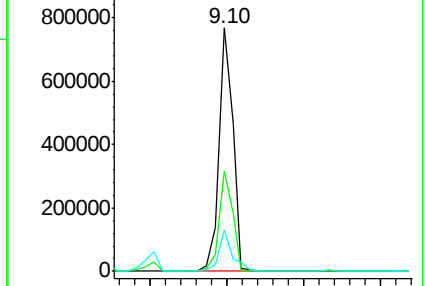
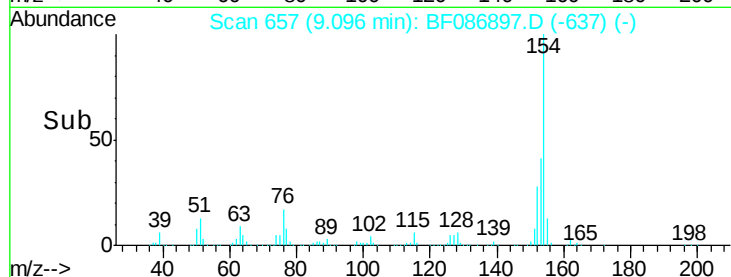
76 16.7 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 32.42 ng

RT: 9.12 min Scan# 659

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

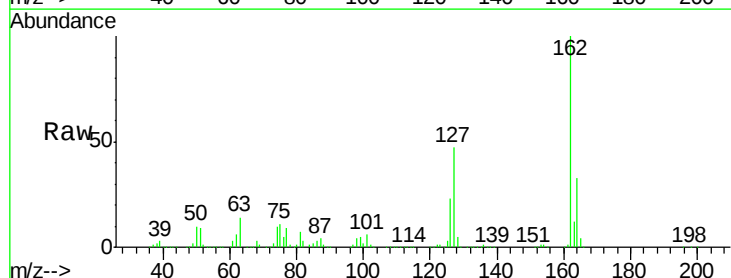
Tgt Ion:162 Resp: 720370

Ion Ratio Lower Upper

162 100

127 46.9 31.8 47.6

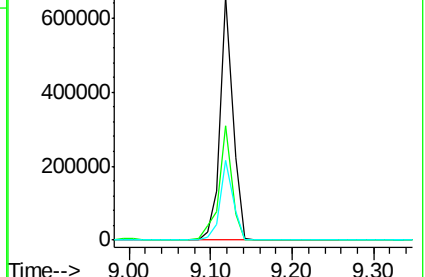
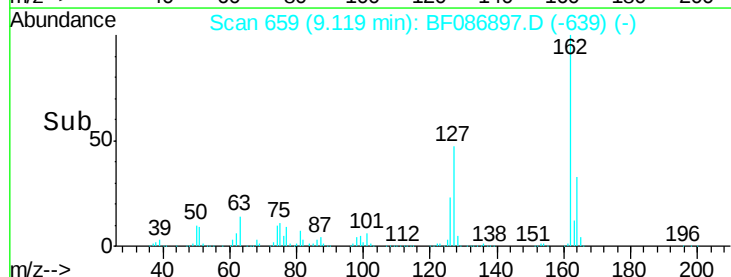
164 32.9 27.0 40.6

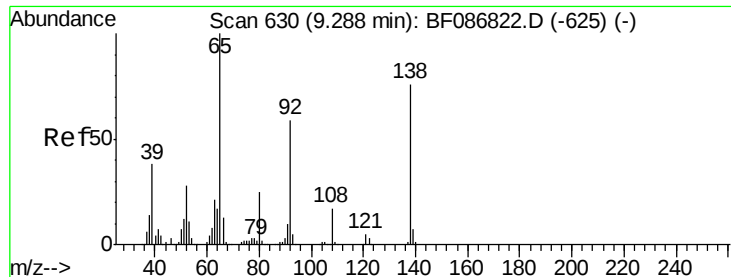


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

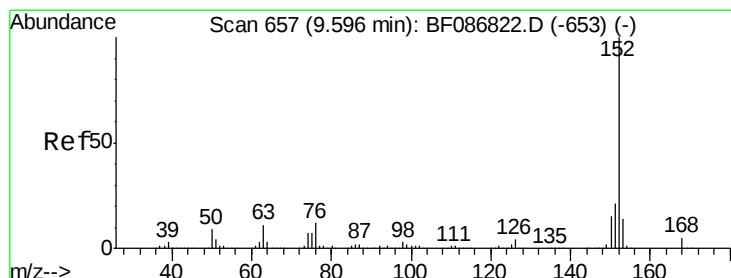
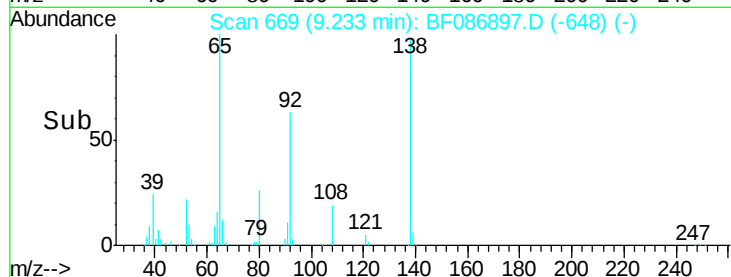
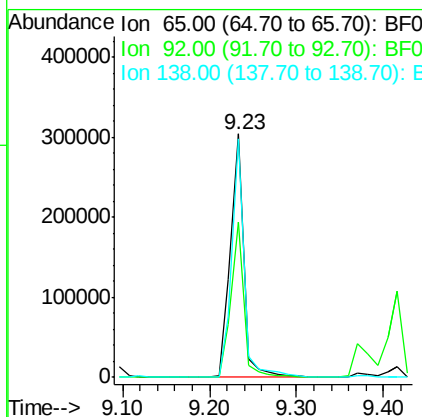
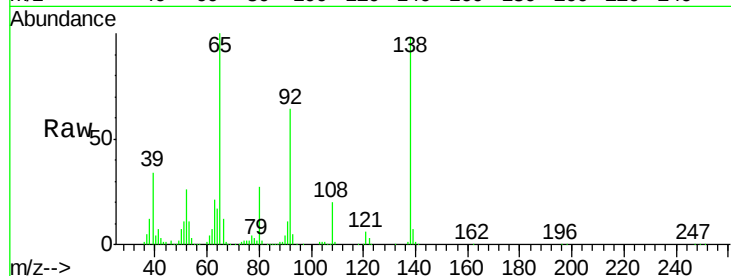




#47
 2-Nitroaniline
 Concen: 40.48 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

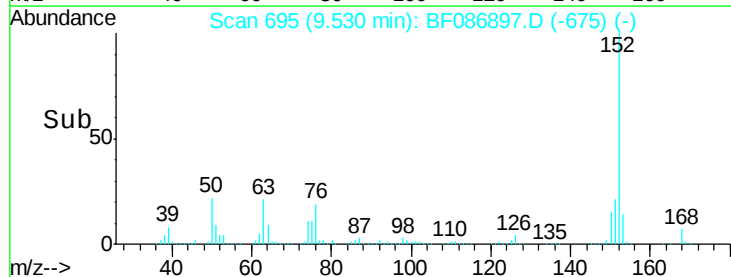
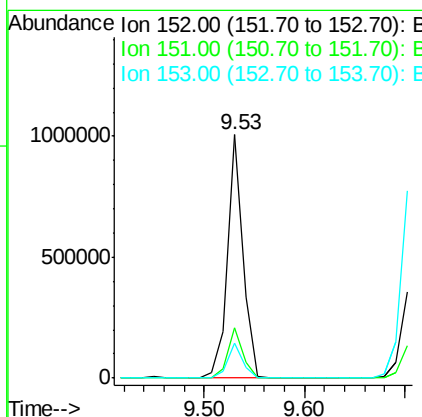
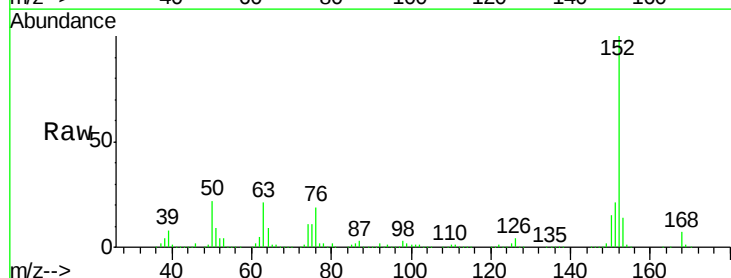
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

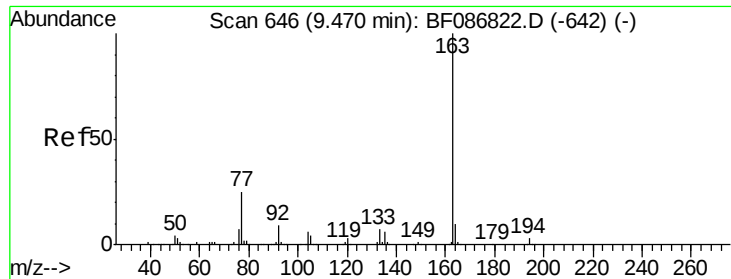
Tgt Ion: 65 Resp: 328699
 Ion Ratio Lower Upper
 65 100
 92 63.8 57.4 86.2
 138 97.8 90.1 135.1



#48
 Acenaphthylene
 Concen: 33.02 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion: 152 Resp: 1079231
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 14.5 10.9 16.3

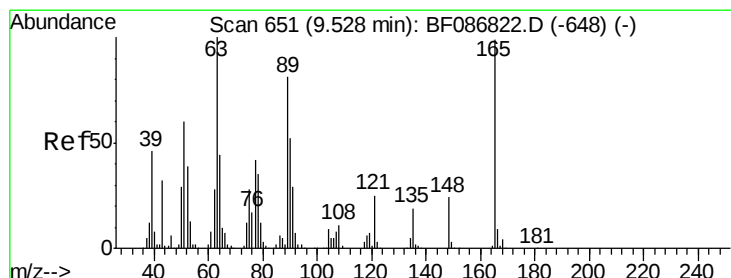
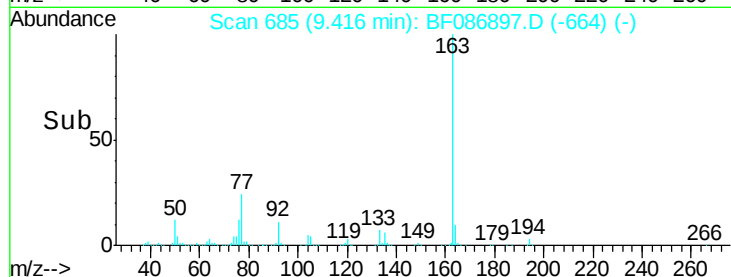
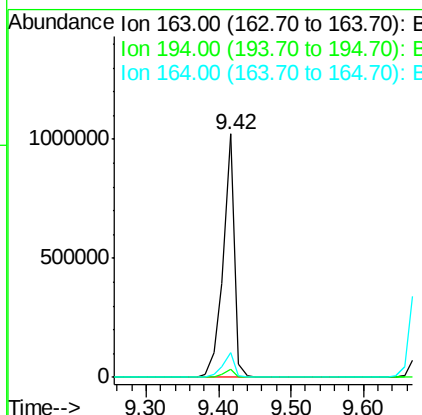
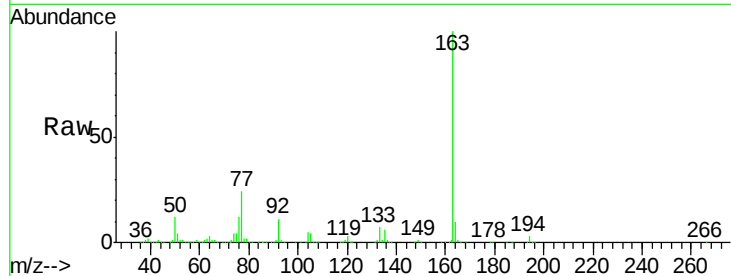




#49
Dimethylphthalate
Concen: 40.61 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

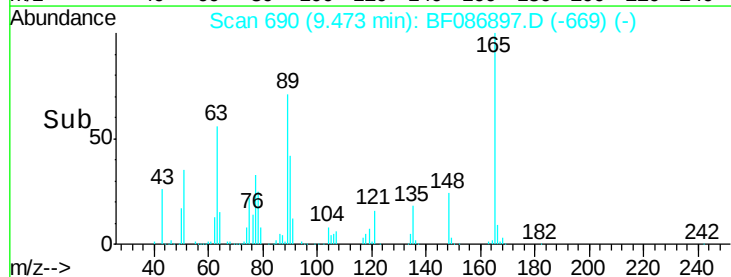
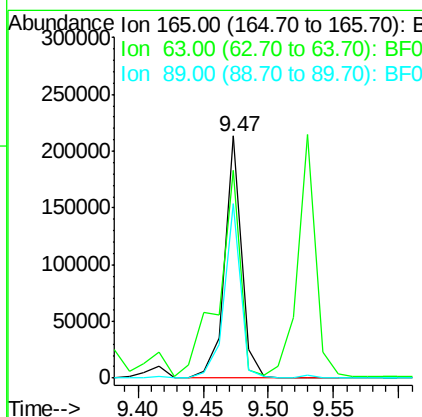
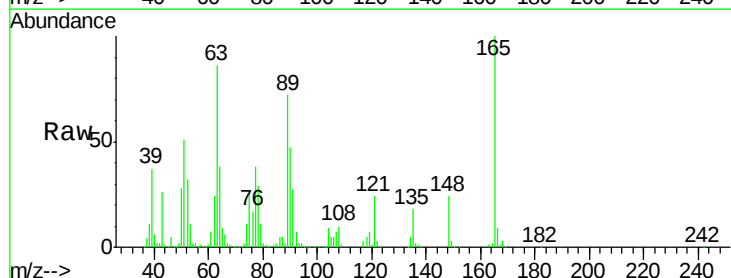
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MS

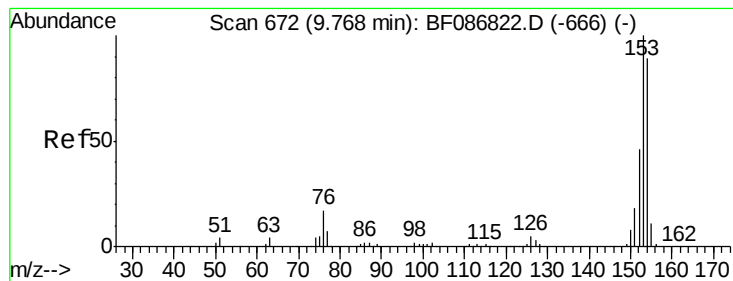
Tgt Ion:163 Resp: 1104602
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 33.78 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion:165 Resp: 193359
Ion Ratio Lower Upper
165 100
63 86.2 51.8 77.8#
89 72.2 50.7 76.1





#51

Acenaphthene

Concen: 33.83 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

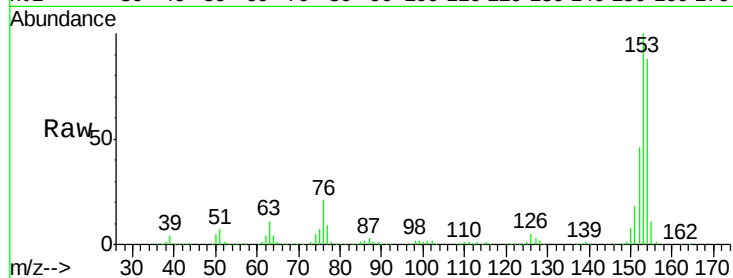
Tgt Ion:154 Resp: 687754

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

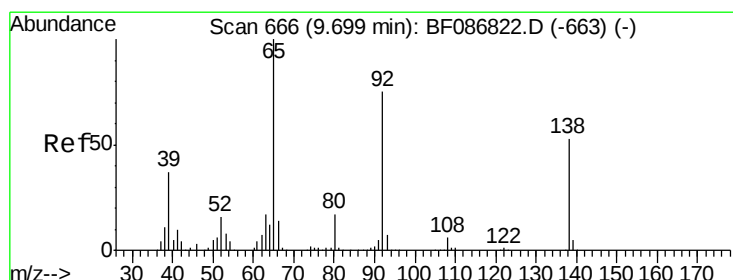
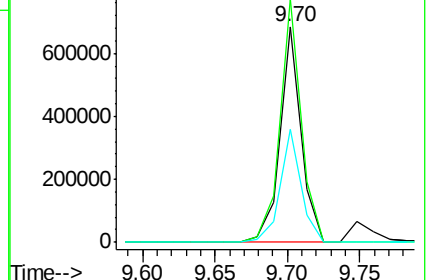
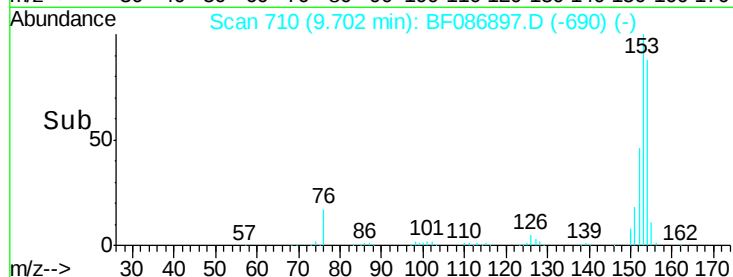
152 52.3 43.4 65.0



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



#52

3-Nitroaniline

Concen: 27.64 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

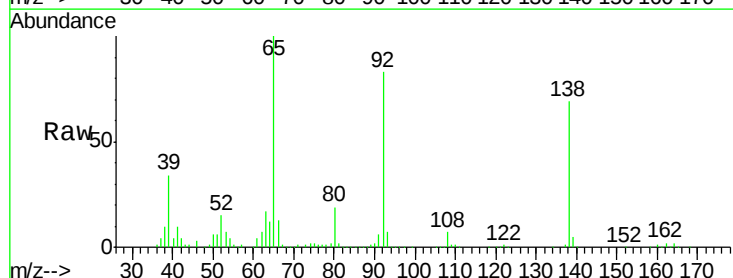
Tgt Ion:138 Resp: 166555

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

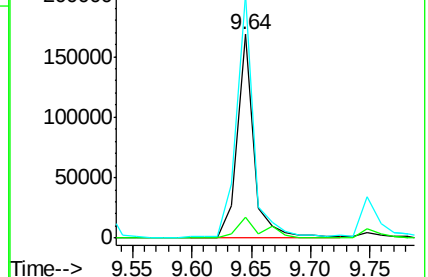
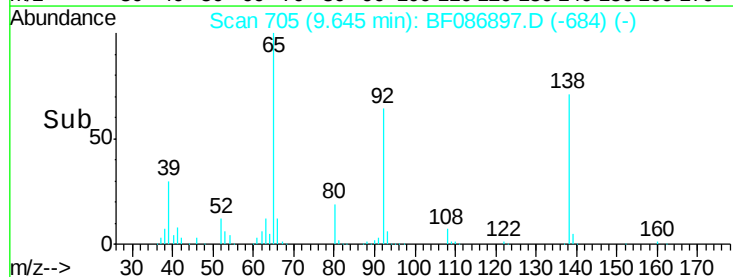
92 119.7 87.8 131.8

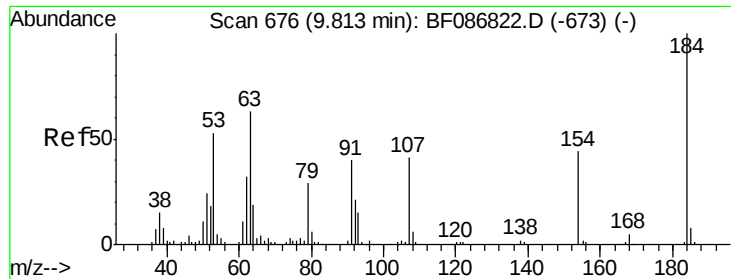


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

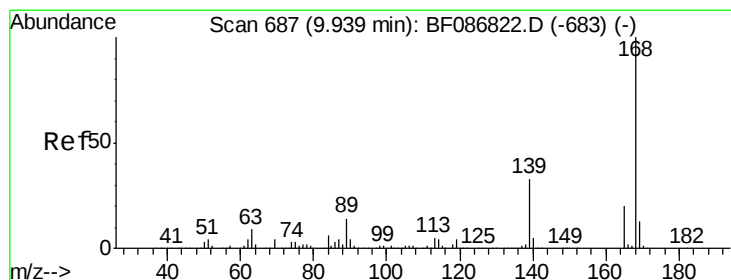
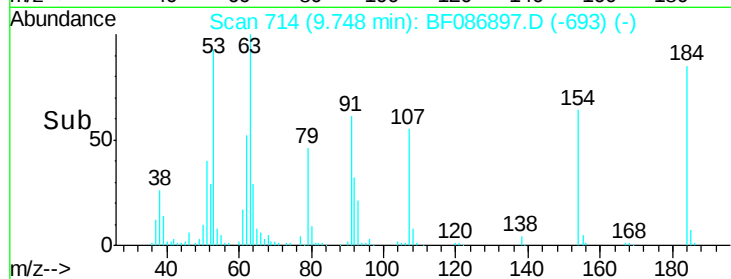
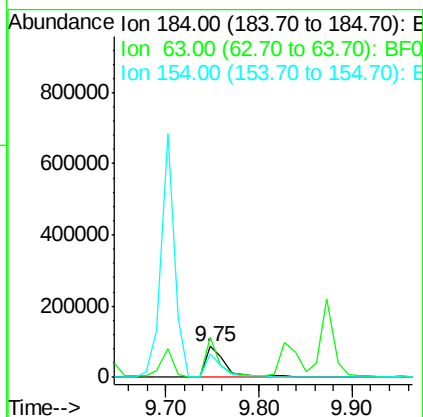
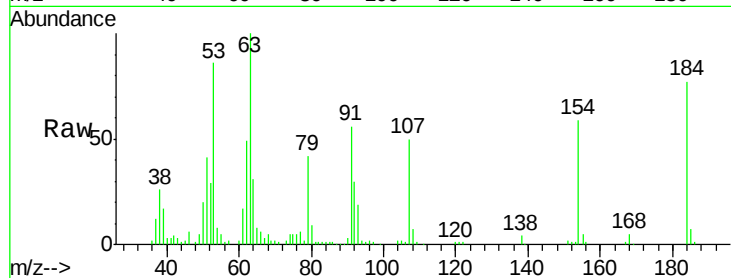




#53
 2,4-Dinitrophenol
 Concen: 48.72 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

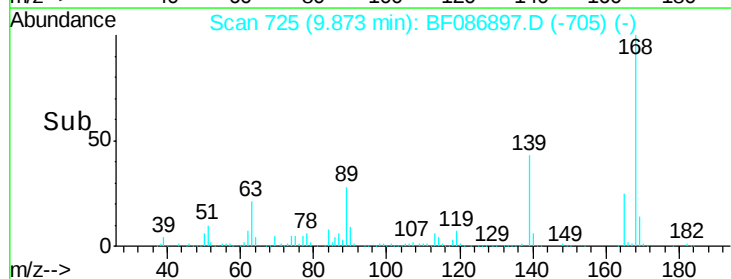
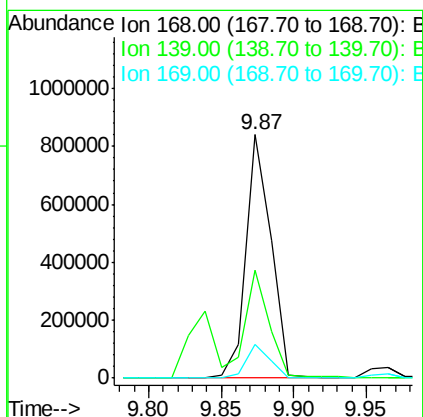
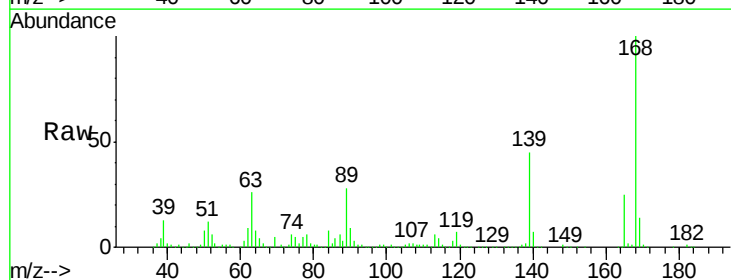
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

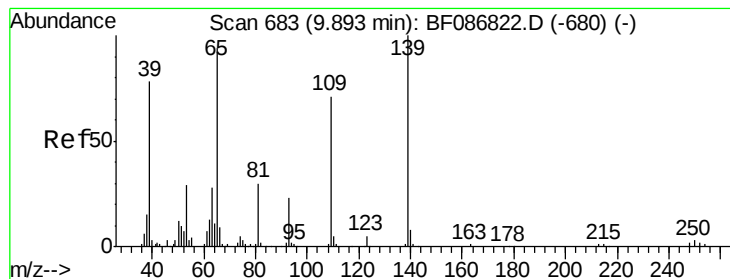
Tgt Ion:184 Resp: 132787
 Ion Ratio Lower Upper
 184 100
 63 129.9 55.8 83.8#
 154 76.2 62.4 93.6



#54
 Dibenzofuran
 Concen: 38.31 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion:168 Resp: 999819
 Ion Ratio Lower Upper
 168 100
 139 44.6 31.4 47.0
 169 13.8 10.7 16.1





#55

4-Nitrophenol

Concen: 71.16 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

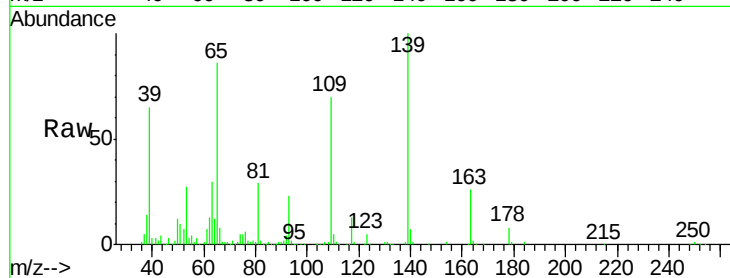
Tgt Ion:139 Resp: 283821

Ion Ratio Lower Upper

139 100

109 70.1 36.9 76.9

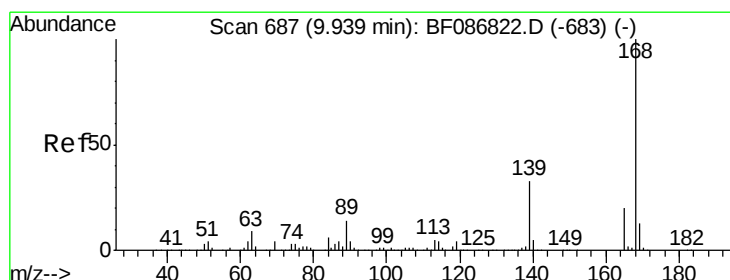
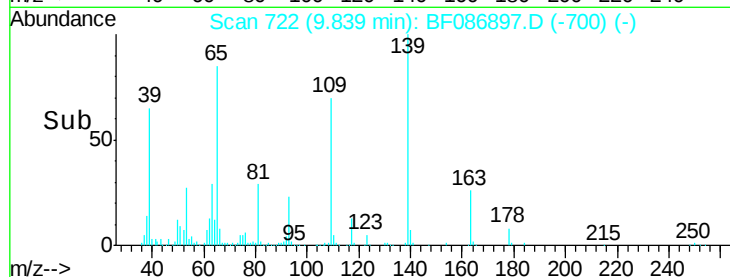
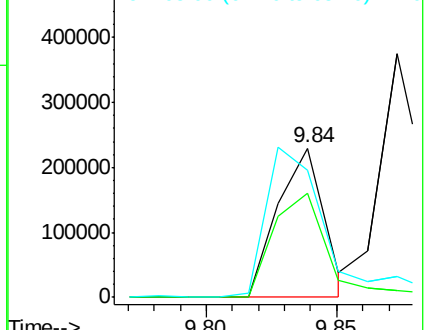
65 85.6 64.0 104.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 32.04 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Tgt Ion:165 Resp: 226981

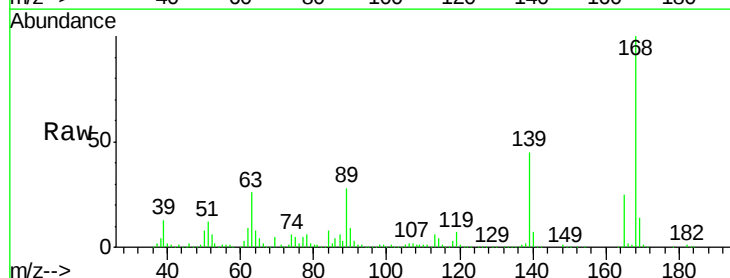
Ion Ratio Lower Upper

165 100

63 106.9 44.3 66.5#

89 113.7 70.0 105.0#

182 2.3 1.8 2.6

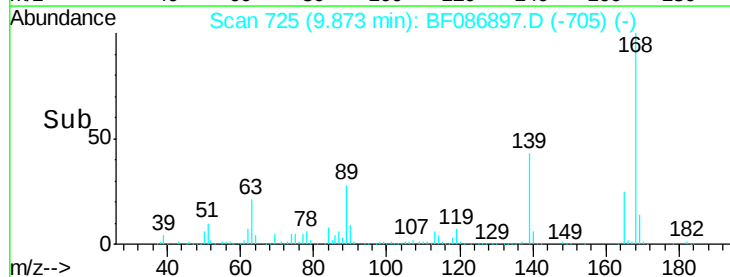
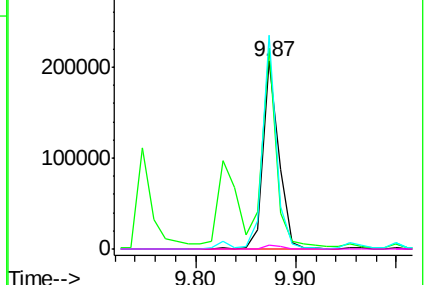


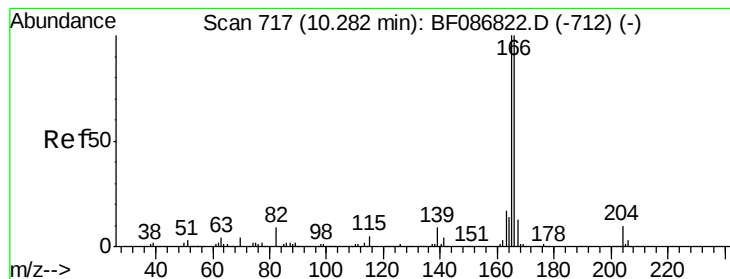
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.92 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

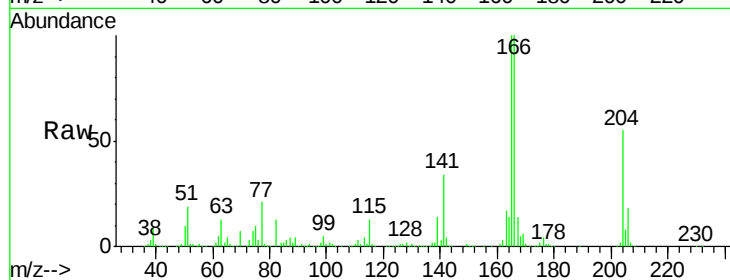
Tgt Ion:166 Resp: 732744

Ion Ratio Lower Upper

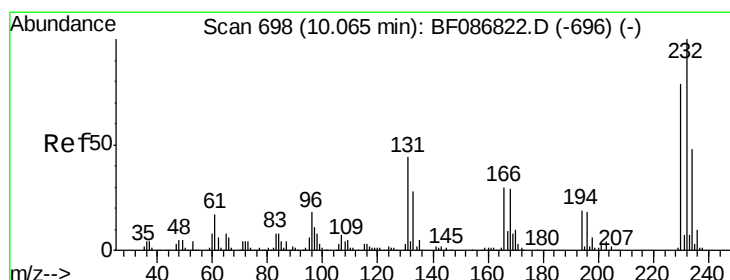
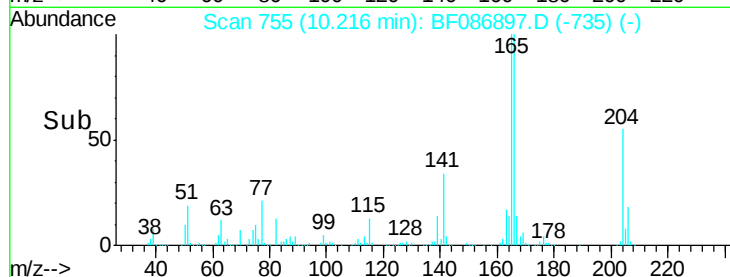
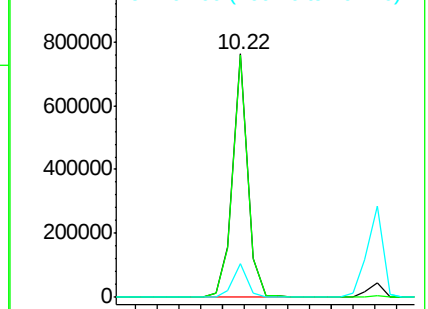
166 100

165 99.8 79.0 118.6

167 13.8 10.6 15.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.52 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Tgt Ion:232 Resp: 207918

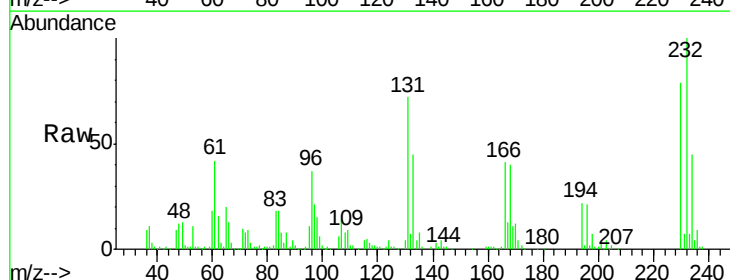
Ion Ratio Lower Upper

232 100

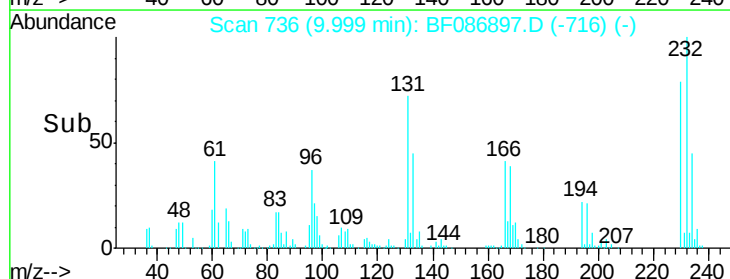
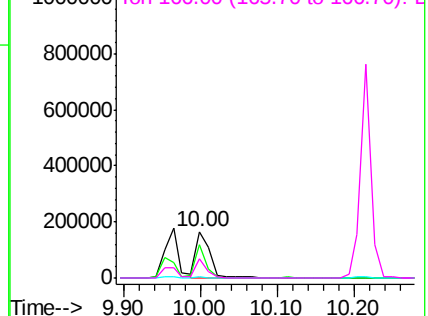
131 55.8 41.9 62.9

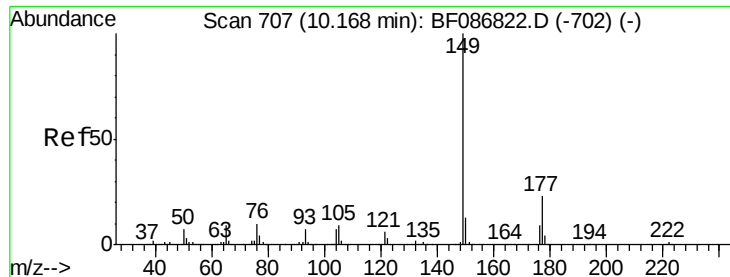
130 2.8 2.2 3.4

166 32.9 26.8 40.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

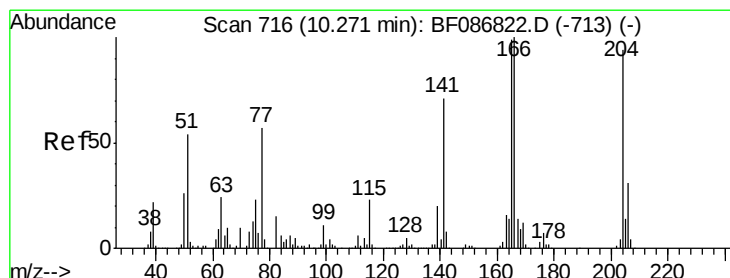
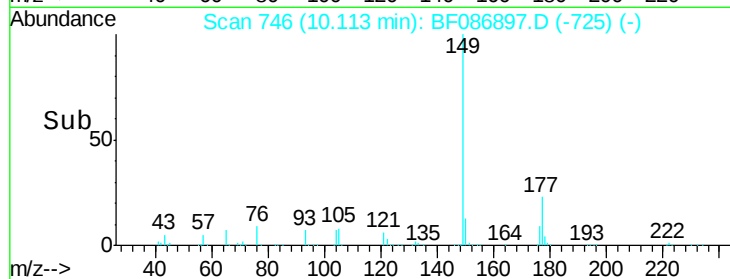
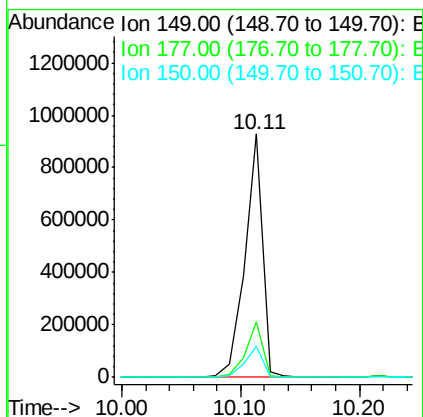
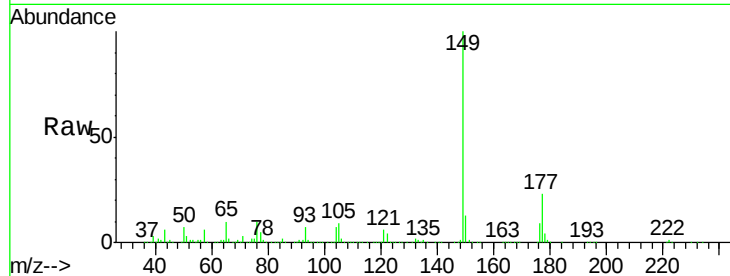




#59
Diethylphthalate
Concen: 36.28 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

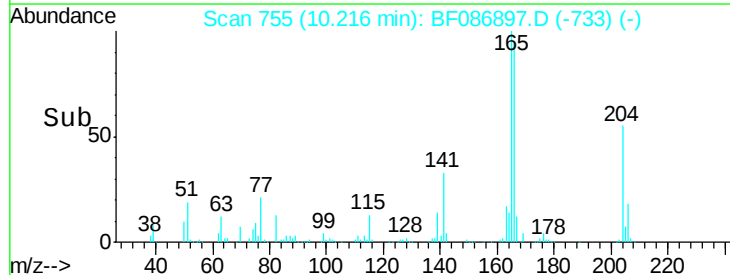
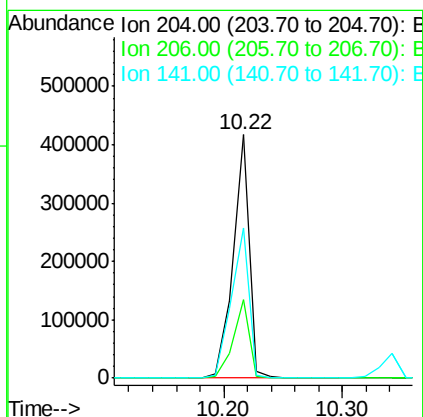
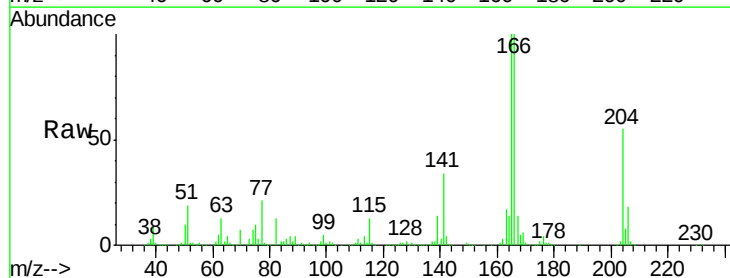
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MS

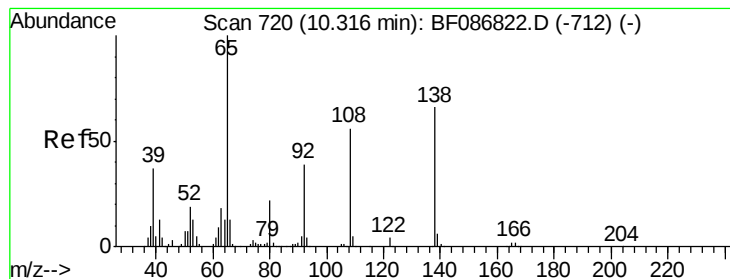
Tgt Ion:149 Resp: 961634
Ion Ratio Lower Upper
149 100
177 22.7 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 39.17 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion:204 Resp: 391840
Ion Ratio Lower Upper
204 100
206 32.1 25.4 38.0
141 61.5 61.6 92.4#





#61

4-Nitroaniline

Concen: 35.45 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

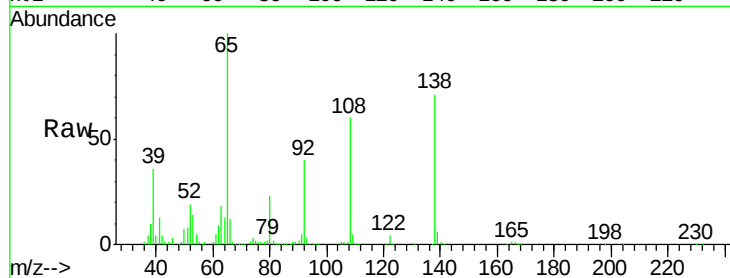
Tgt Ion:138 Resp: 205173

Ion Ratio Lower Upper

138 100

92 57.3 24.7 64.7

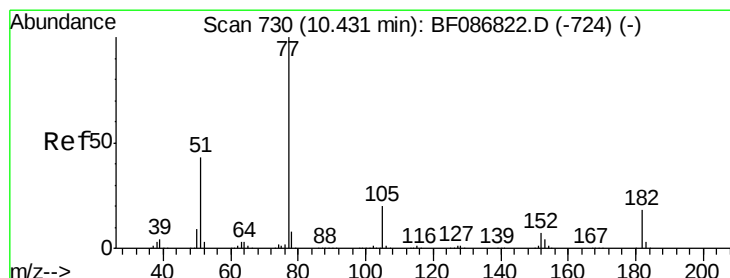
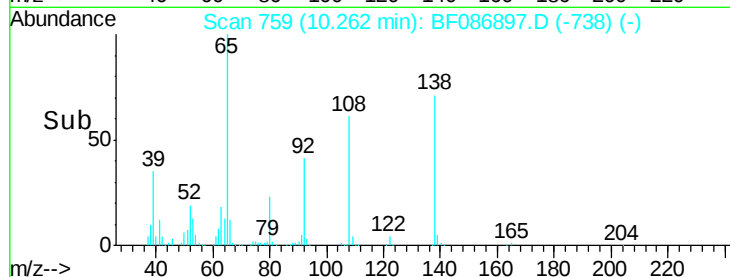
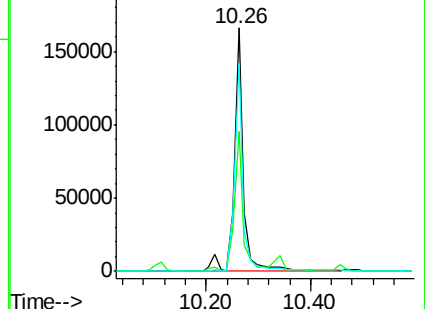
108 85.6 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.32 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Tgt Ion: 77 Resp: 1153059

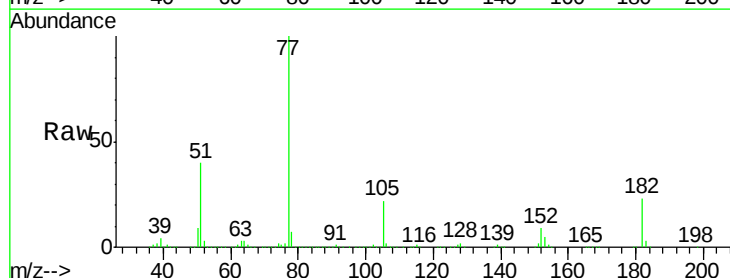
Ion Ratio Lower Upper

77 100

182 23.2 0.0 38.8

105 21.9 3.2 43.2

51 39.9 8.8 48.8

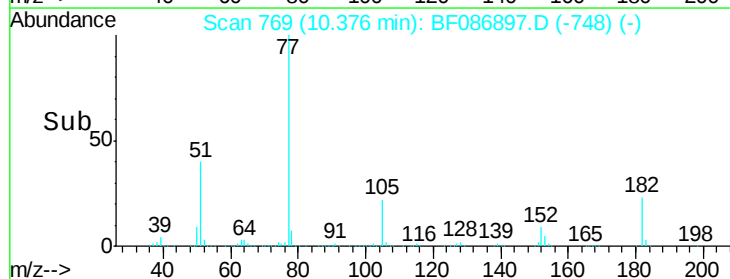
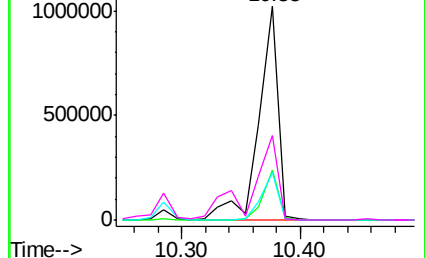


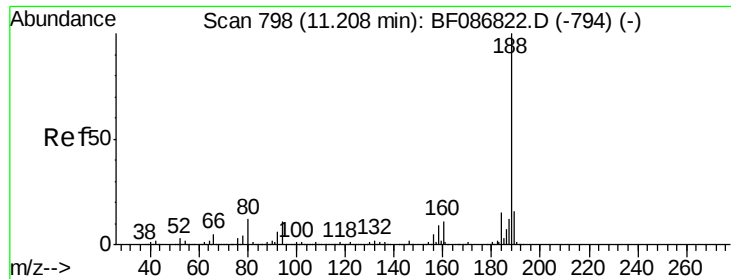
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

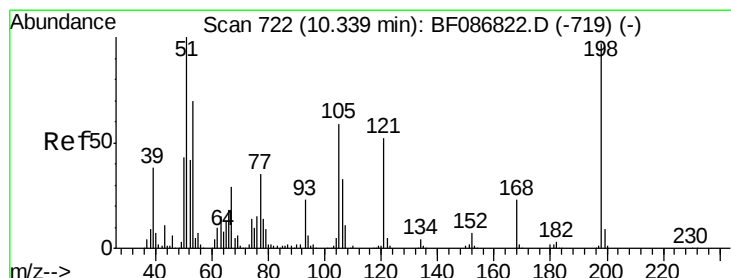
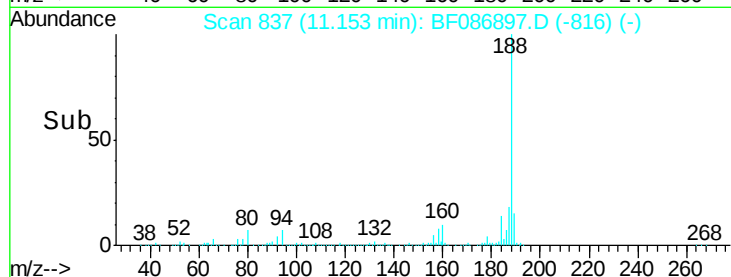
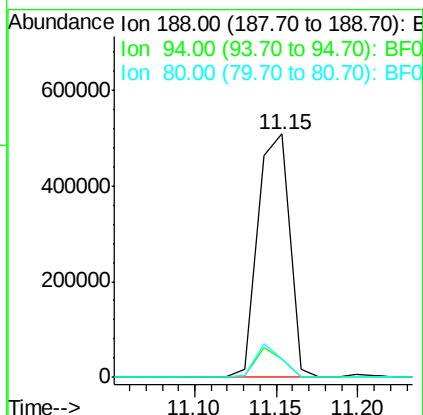
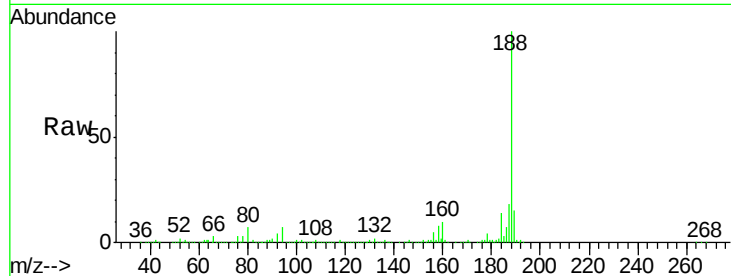




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

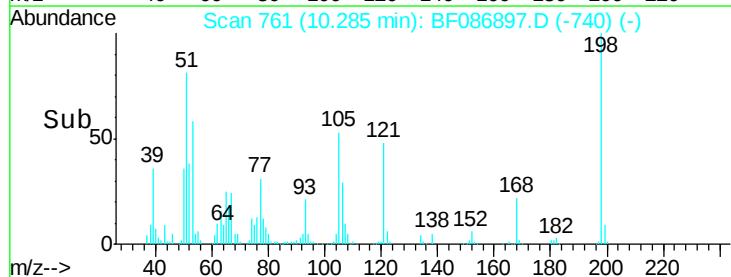
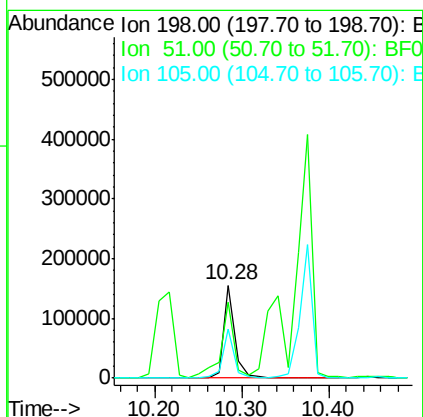
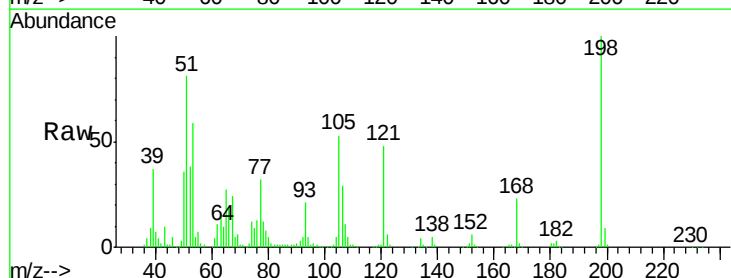
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MS

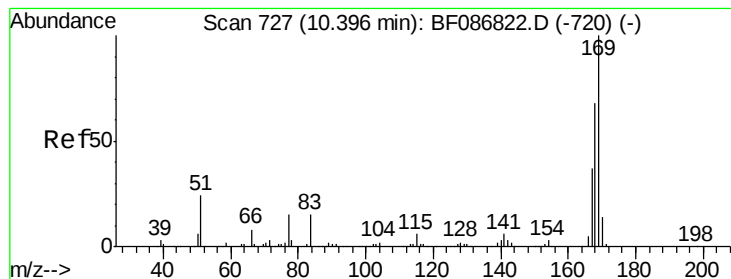
Tgt Ion:188 Resp: 692002
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.5 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 33.63 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion:198 Resp: 144567
Ion Ratio Lower Upper
198 100
51 81.3 20.5 60.5#
105 53.3 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 36.81 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

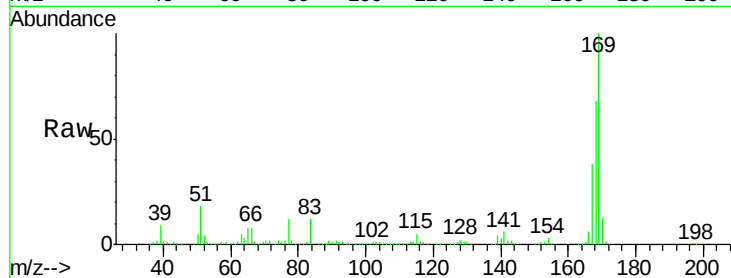
Tgt Ion:169 Resp: 782642

Ion Ratio Lower Upper

169 100

168 68.5 53.8 80.6

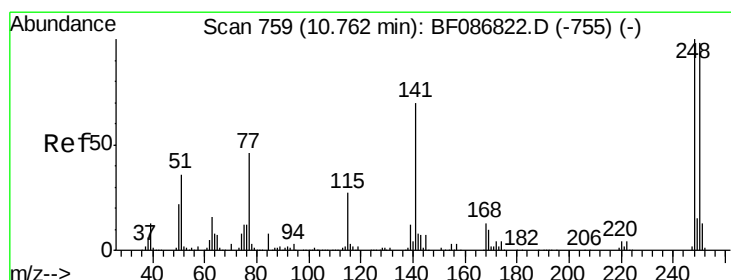
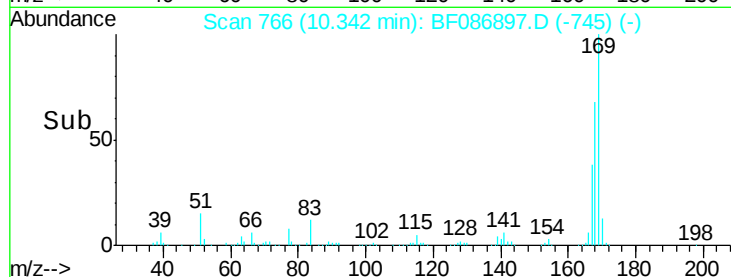
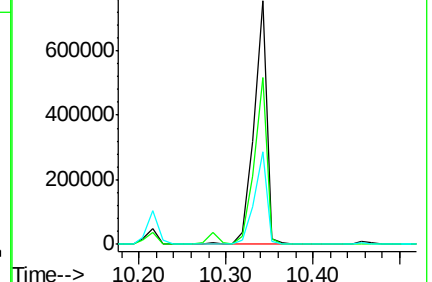
167 38.0 29.5 44.3



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: 32.39 ng

RT: 10.70 min Scan# 797

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

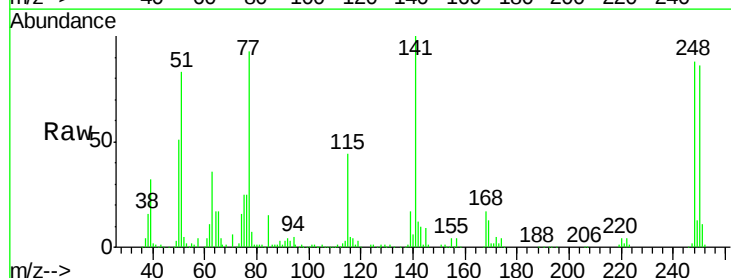
Tgt Ion:248 Resp: 227240

Ion Ratio Lower Upper

248 100

250 96.9 78.6 117.8

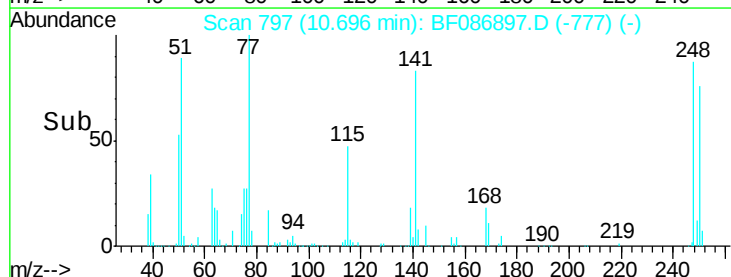
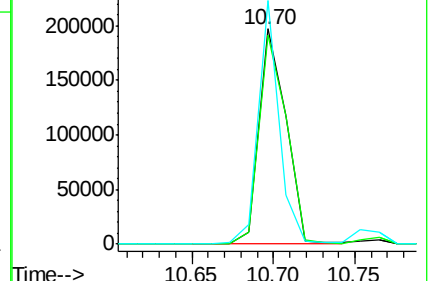
141 113.2 76.0 114.0

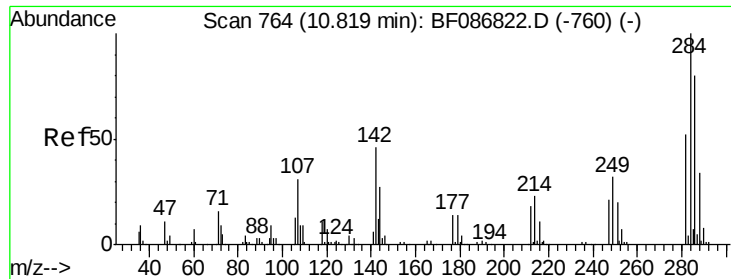


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

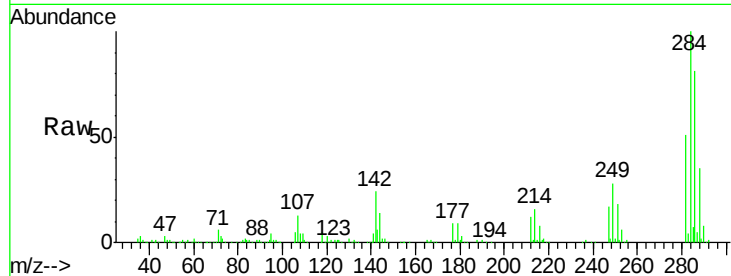




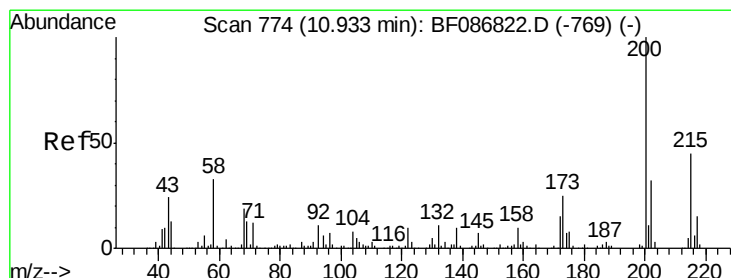
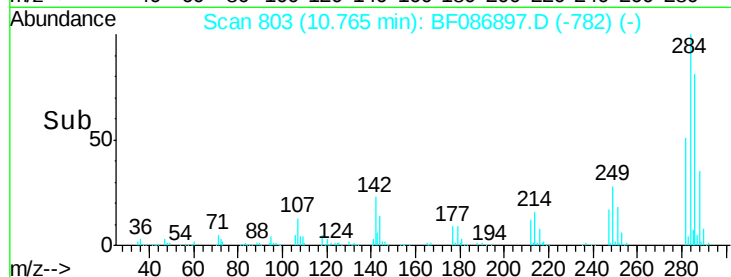
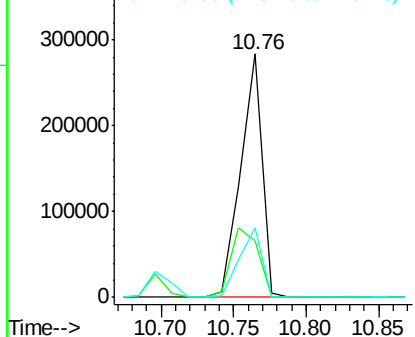
#67
Hexachlorobenzene
Concen: 35.57 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-003MS

Tgt Ion:284 Resp: 291658
Ion Ratio Lower Upper
284 100
142 23.5 16.7 25.1
249 28.3 21.3 31.9

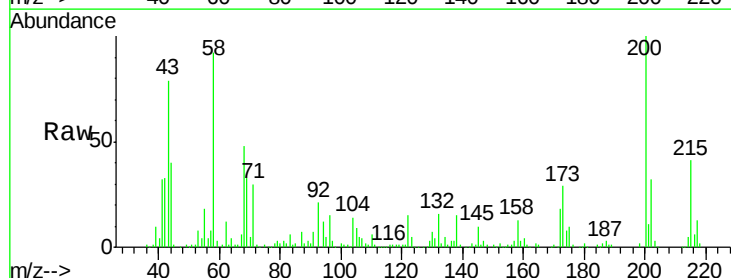


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

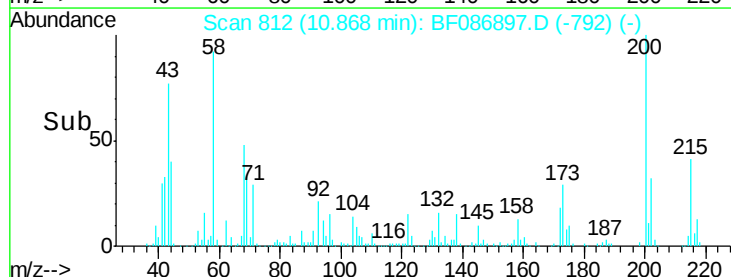
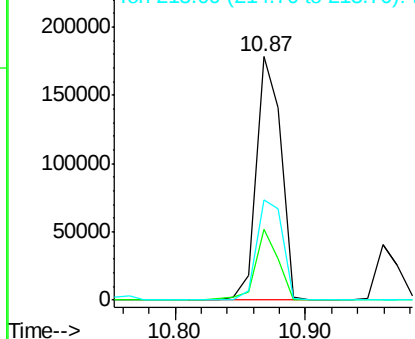


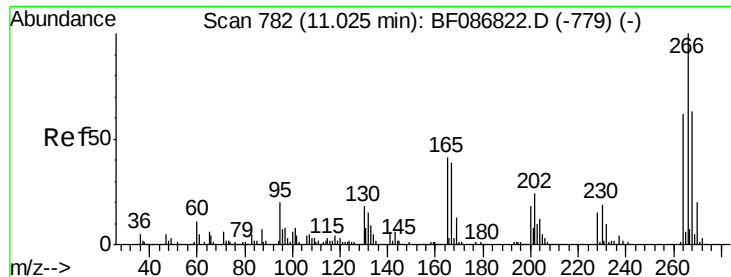
#68
Atrazine
Concen: 33.12 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.07 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion:200 Resp: 235236
Ion Ratio Lower Upper
200 100
173 29.0 8.5 48.5
215 41.2 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

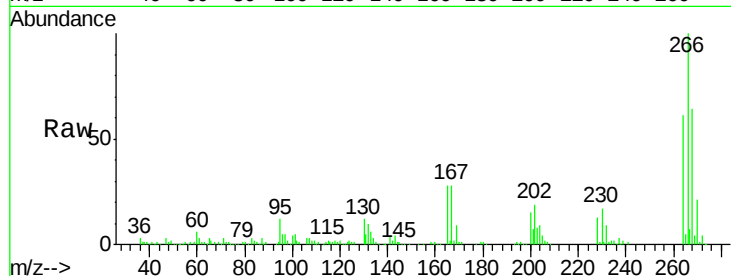




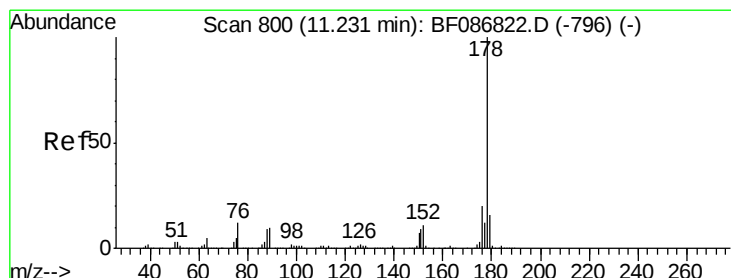
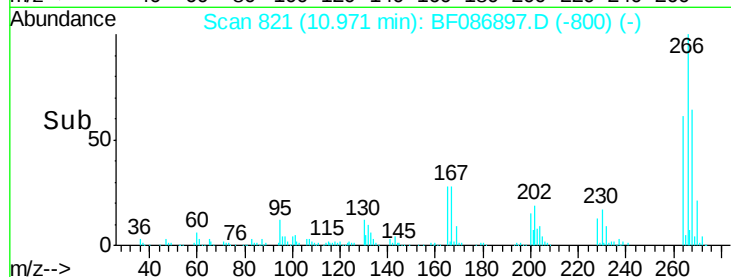
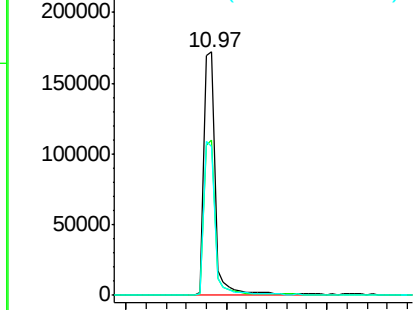
#69
 Pentachlorophenol
 Concen: 74.01 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

Tgt Ion:266 Resp: 280462
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.5 77.3
 264 61.3 52.9 79.3

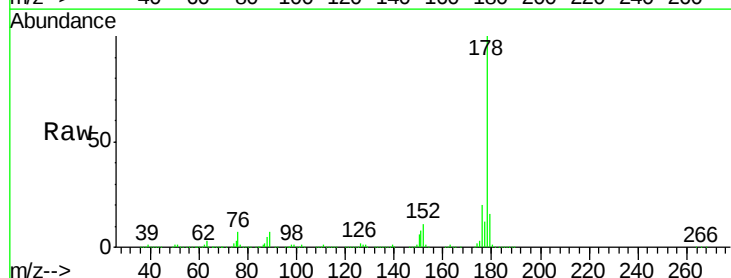


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

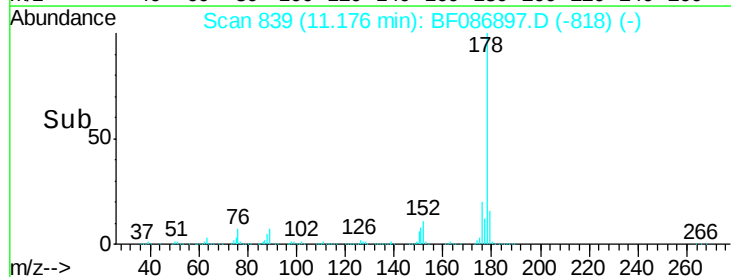
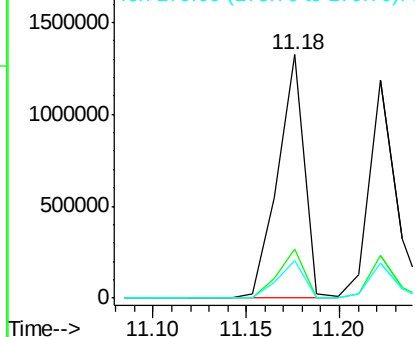


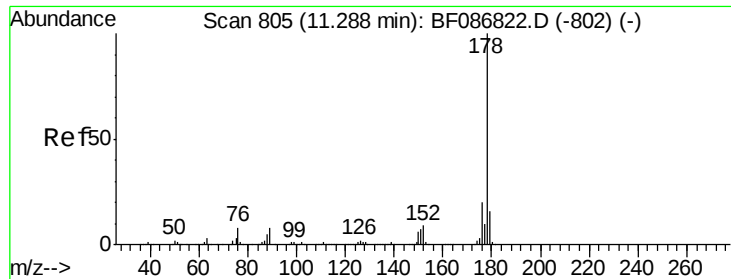
#70
 Phenanthrene
 Concen: 35.77 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion:178 Resp: 1320901
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.6 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

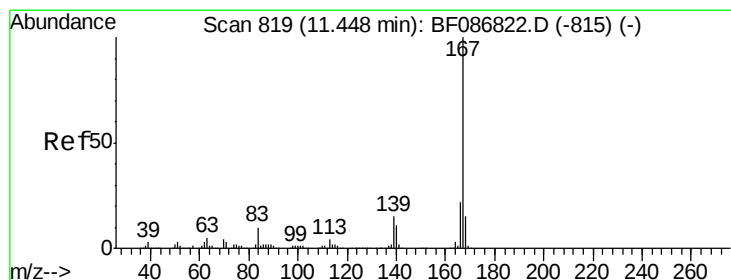
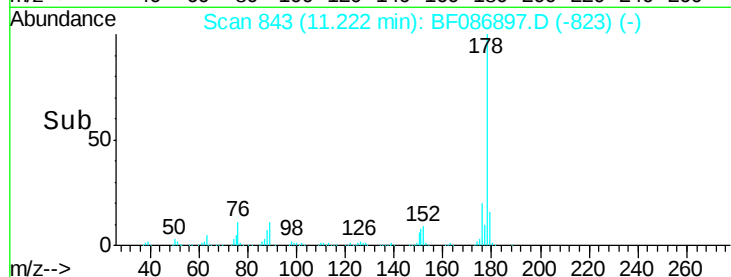
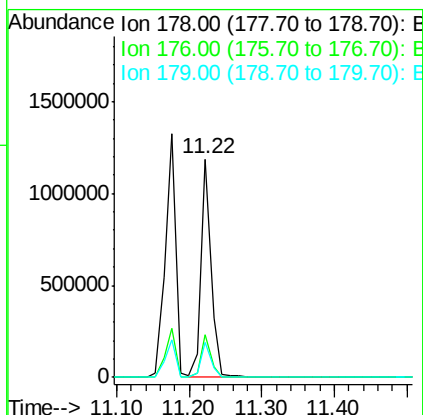
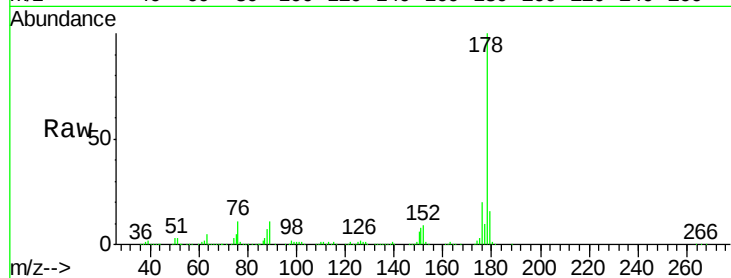




#71
 Anthracene
 Concen: 30.59 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

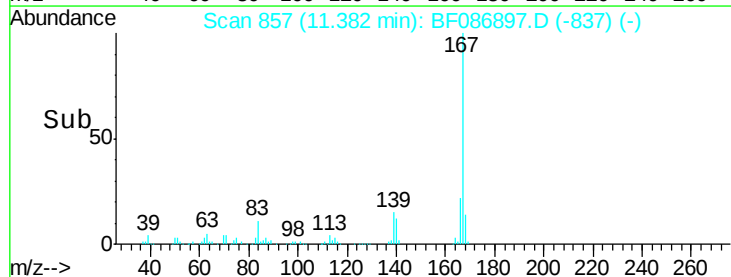
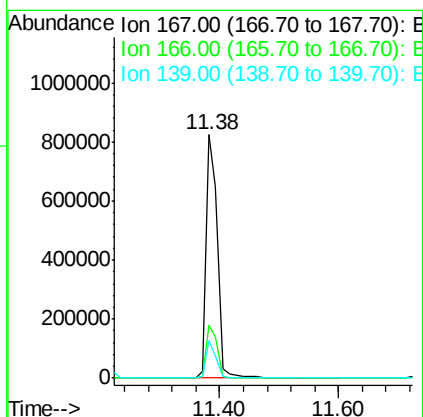
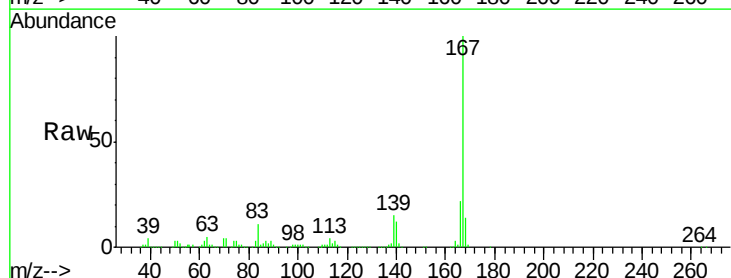
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

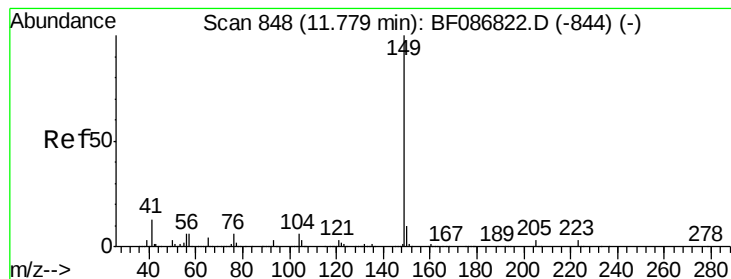
Tgt Ion:178 Resp: 1155179
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 33.50 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion:167 Resp: 1087684
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 15.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 36.50 ng

RT: 11.72 min Scan# 887

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

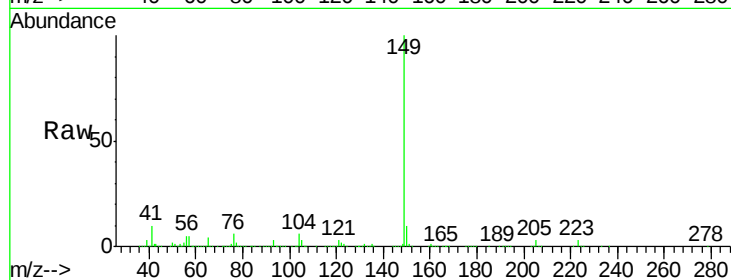
Tgt Ion:149 Resp: 1447278

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

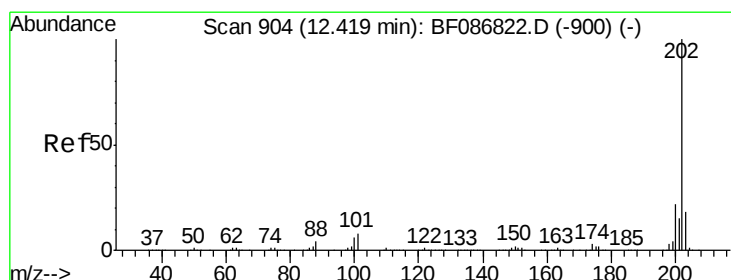
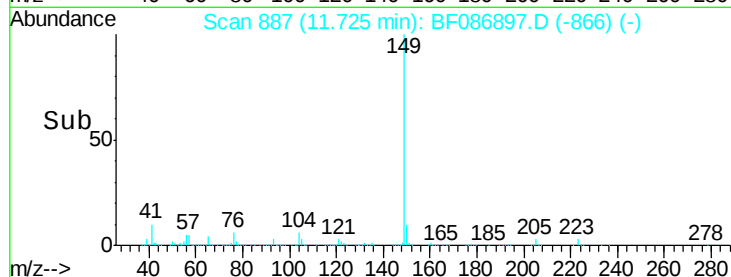
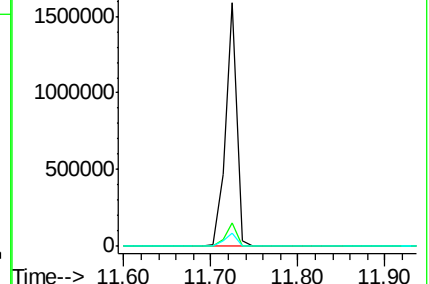
104 5.6 3.8 5.6



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: 33.32 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

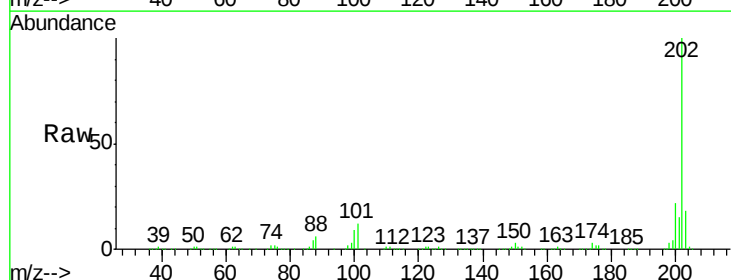
Tgt Ion:202 Resp: 1265772

Ion Ratio Lower Upper

202 100

101 11.9 0.0 35.4

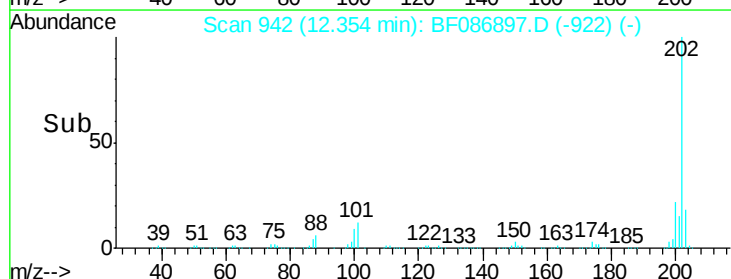
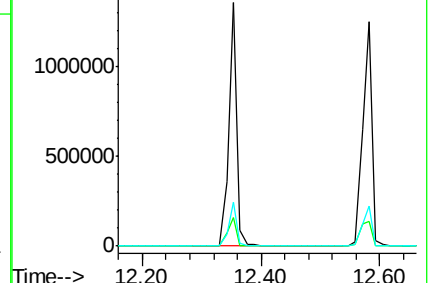
203 18.0 0.0 38.1

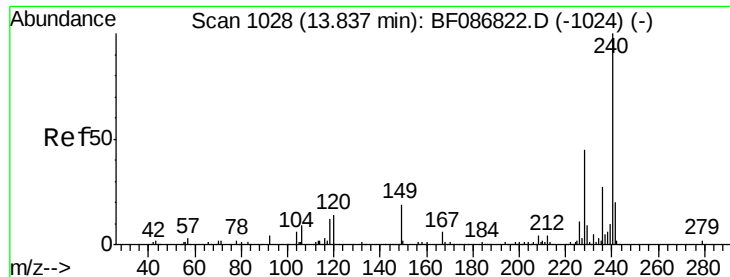


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

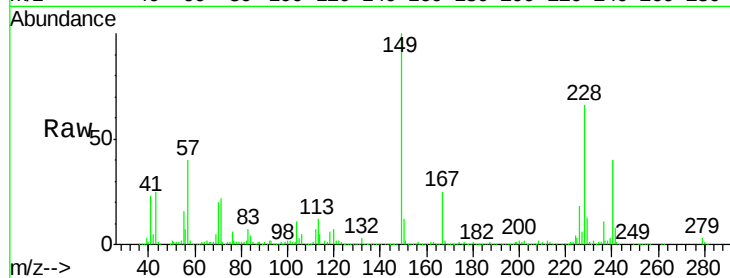
Tgt Ion:240 Resp: 455683

Ion Ratio Lower Upper

240 100

120 16.1 11.2 16.8

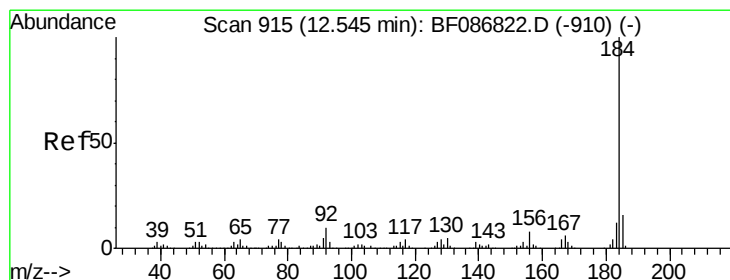
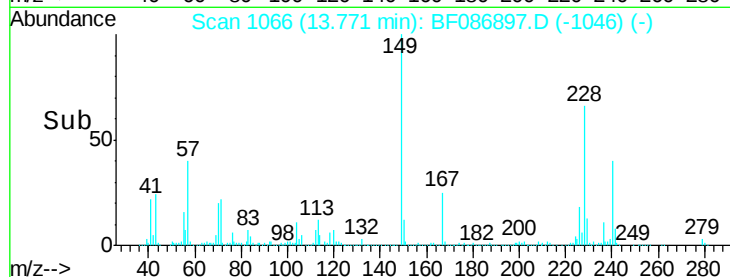
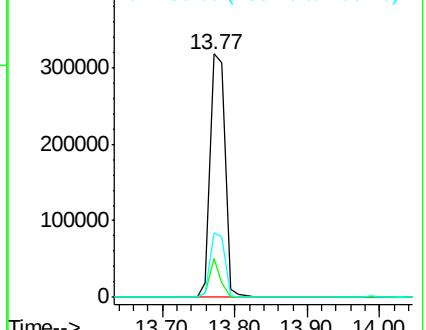
236 26.5 21.2 31.8



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



#76

Benzidine

Concen: 25.50 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

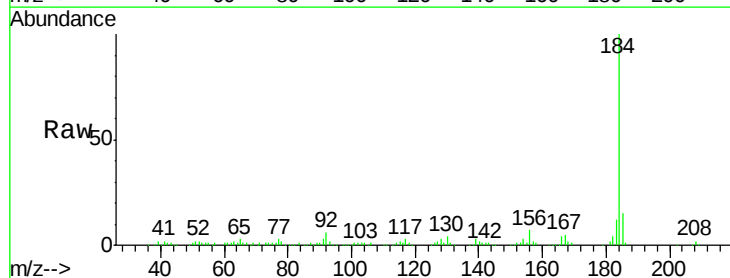
Tgt Ion:184 Resp: 296223

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

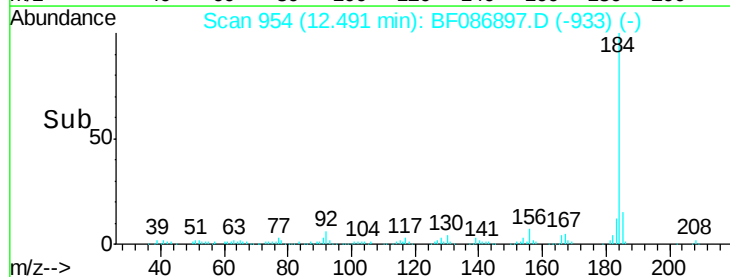
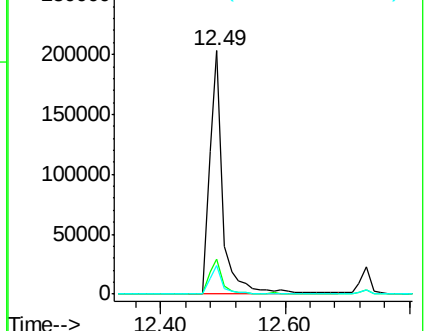
183 11.9 9.8 14.6

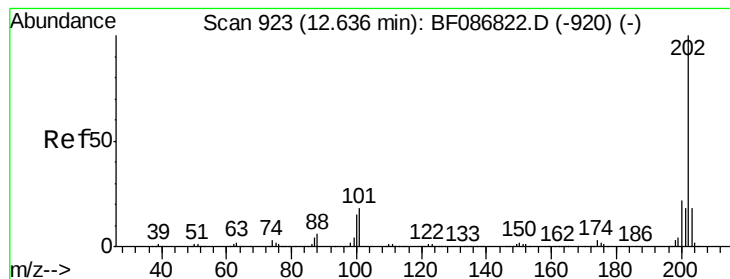


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.81 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

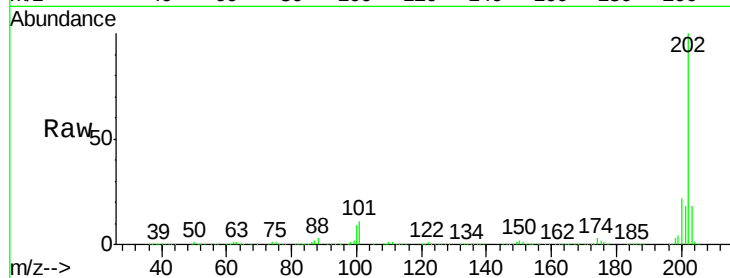
Tgt Ion:202 Resp: 1353937

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

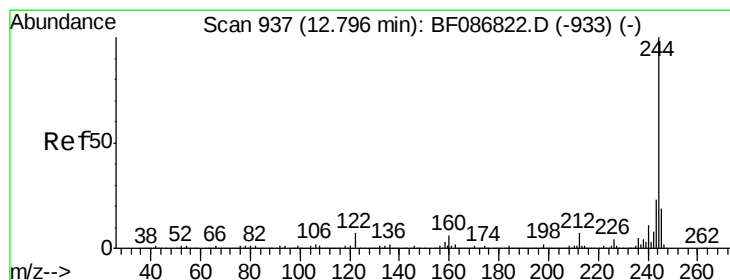
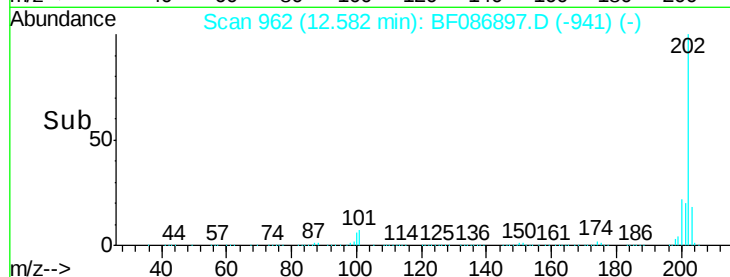
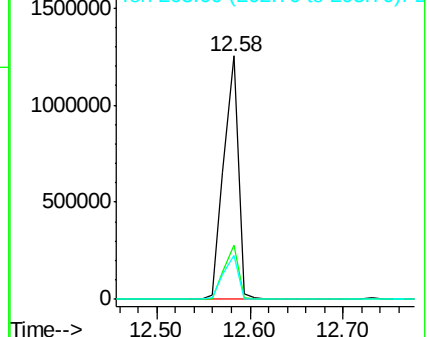
203 17.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.44 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

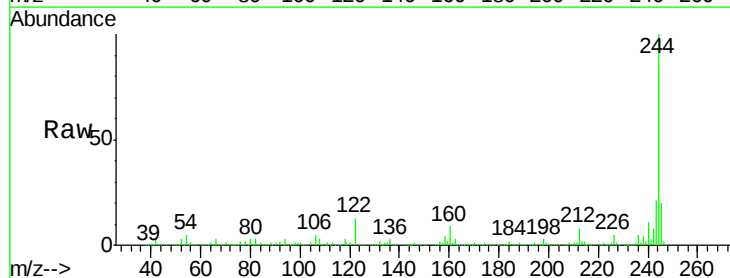
Tgt Ion:244 Resp: 1383994

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

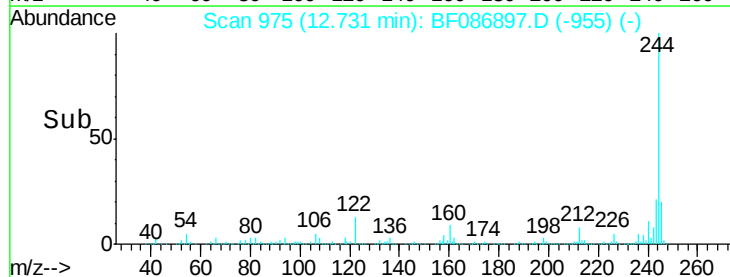
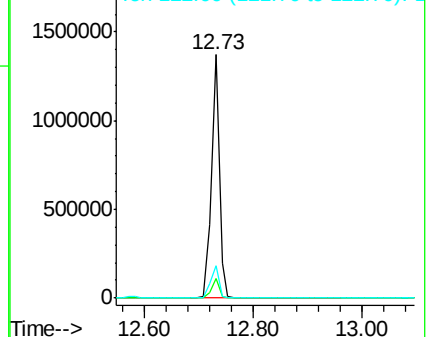
122 13.2 12.0 18.0

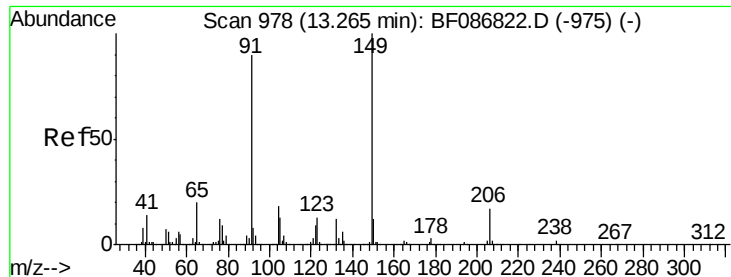


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.25 ng

RT: 13.21 min Scan# 1017

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

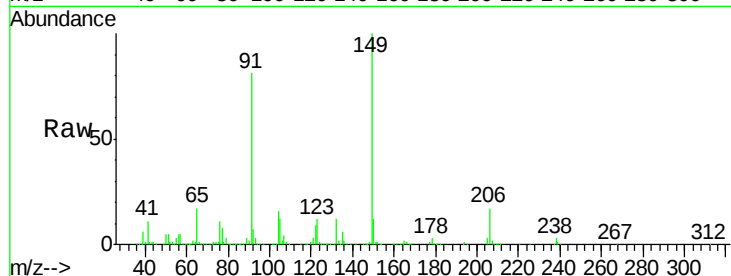
Tgt Ion:149 Resp: 593886

Ion Ratio Lower Upper

149 100

91 80.9 48.0 72.0#

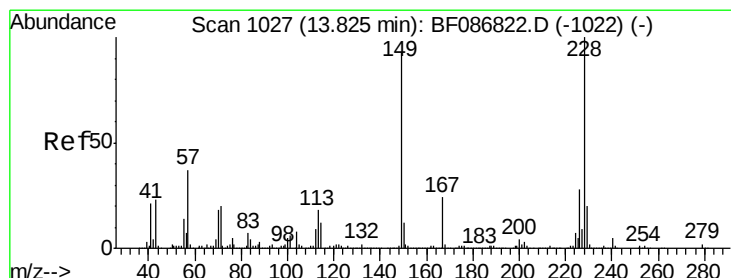
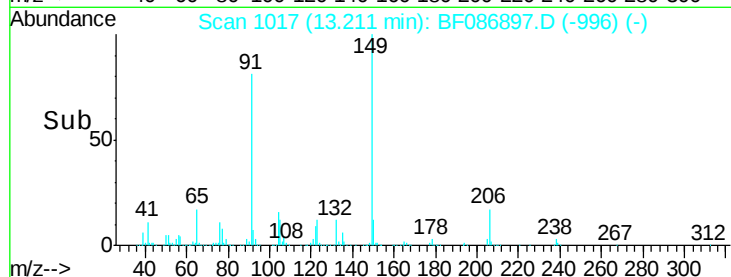
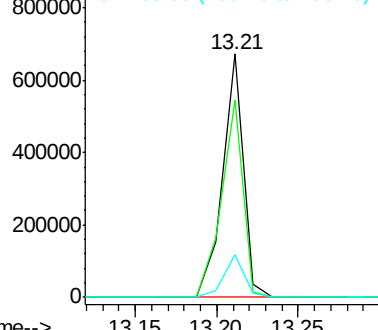
206 17.5 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.32 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

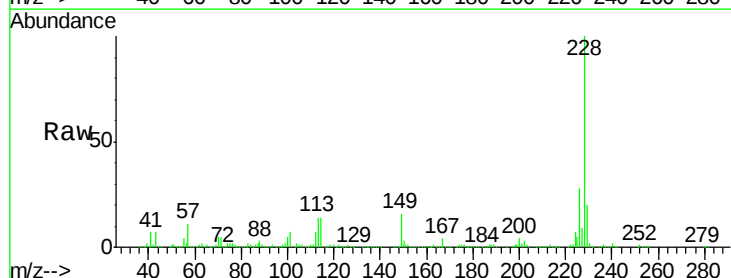
Tgt Ion:228 Resp: 954720

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

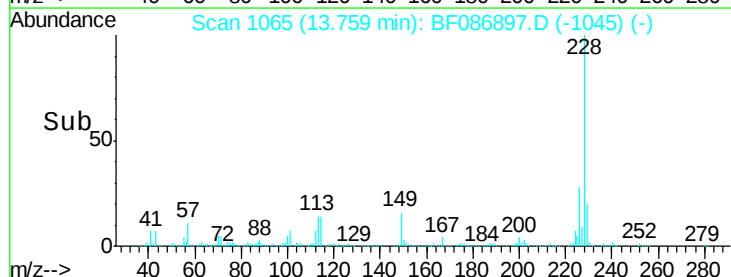
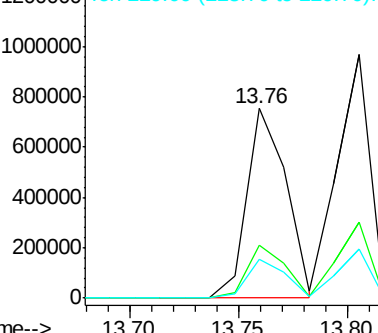
229 20.4 16.6 25.0

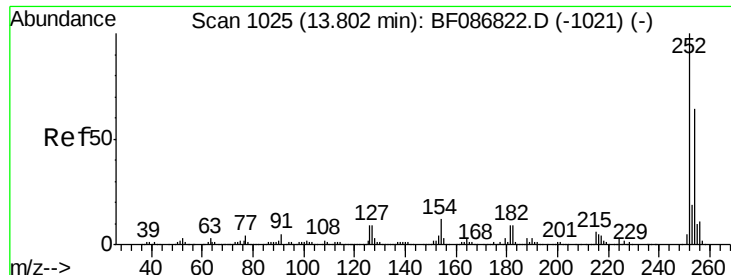


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

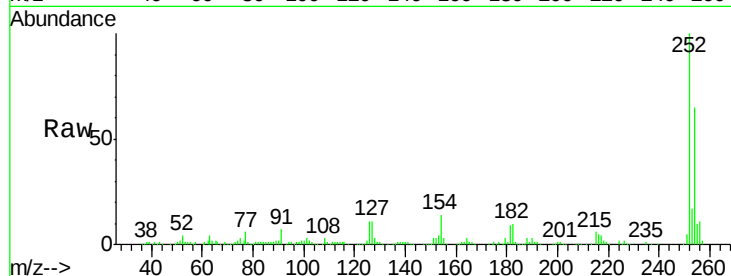




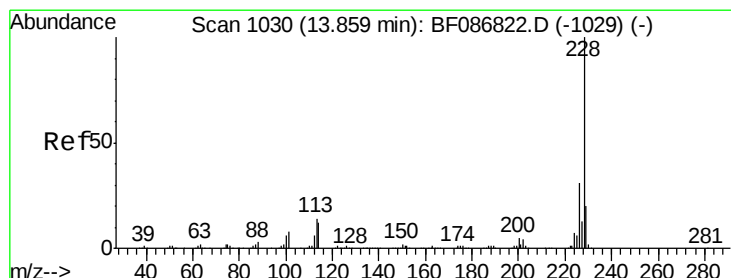
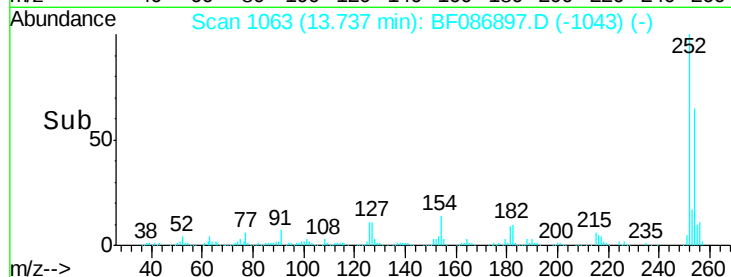
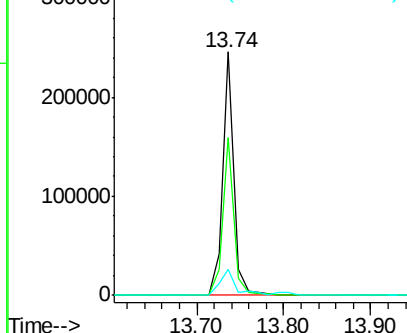
#81
 3,3'-Dichlorobenzidine
 Concen: 13.86 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.07 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.7	76.1
126	10.5	12.7	19.1#

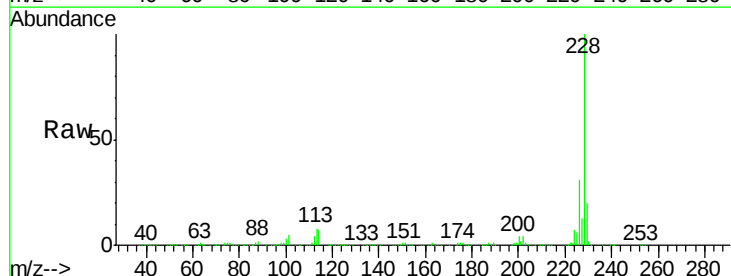


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

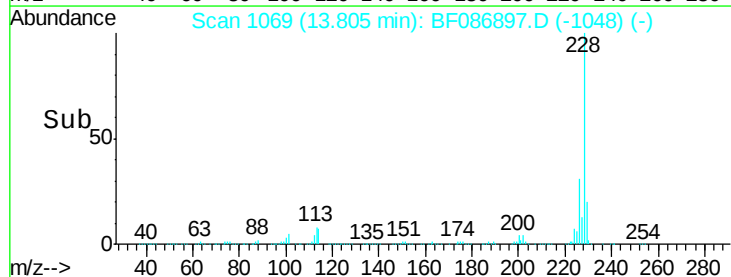
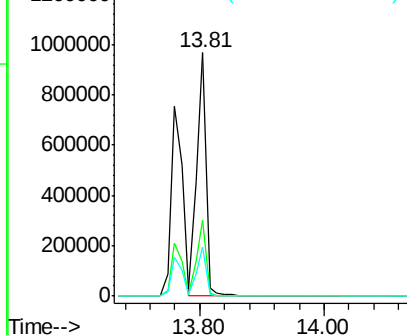


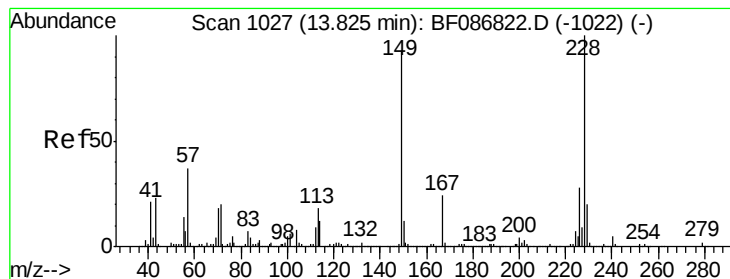
#82
 Chrysene
 Concen: 39.31 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.05 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	19.9	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.33 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

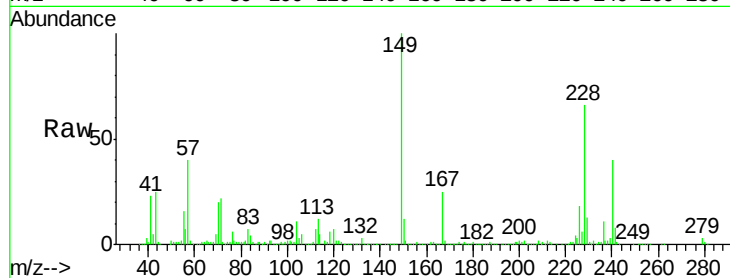
Tgt Ion:149 Resp: 698114

Ion Ratio Lower Upper

149 100

167 25.3 21.8 32.6

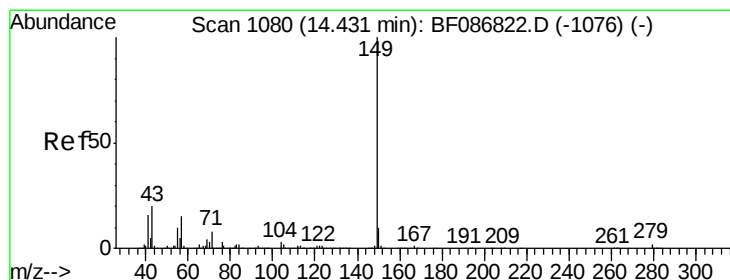
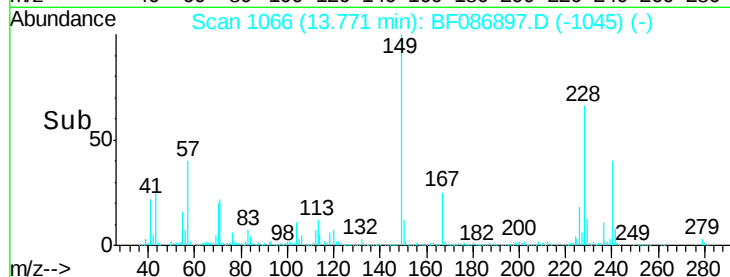
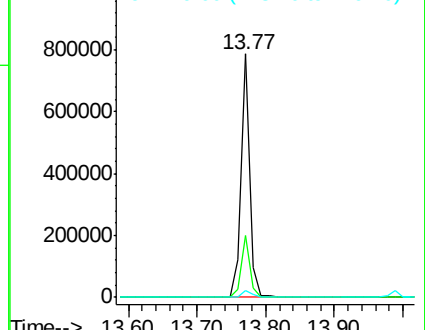
279 2.8 2.6 4.0



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



#84

Di-n-octyl phthalate

Concen: 39.83 ng

RT: 14.38 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

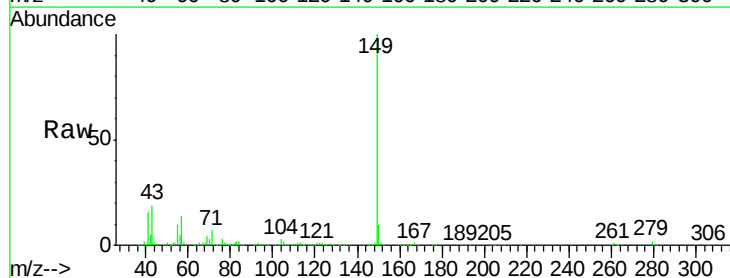
Tgt Ion:149 Resp: 1171128

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

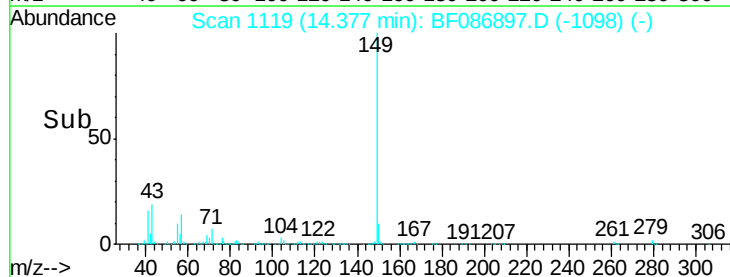
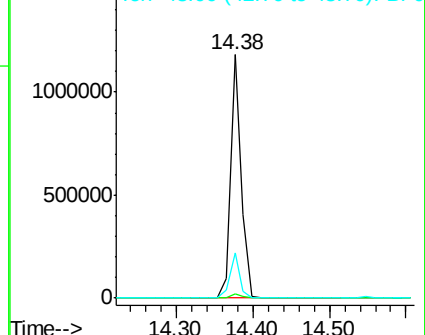
43 17.3 8.2 12.4#

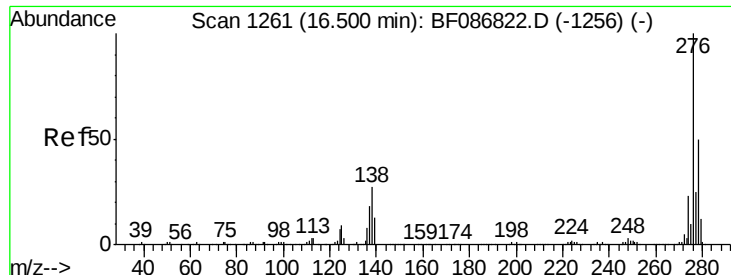


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

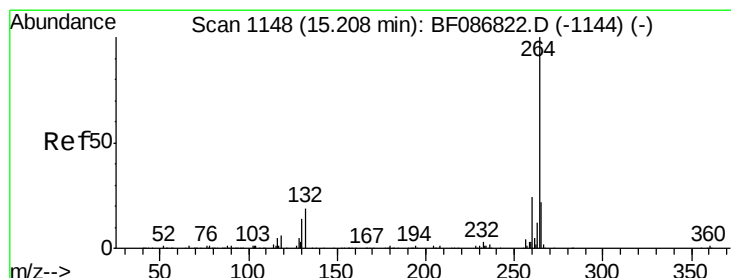
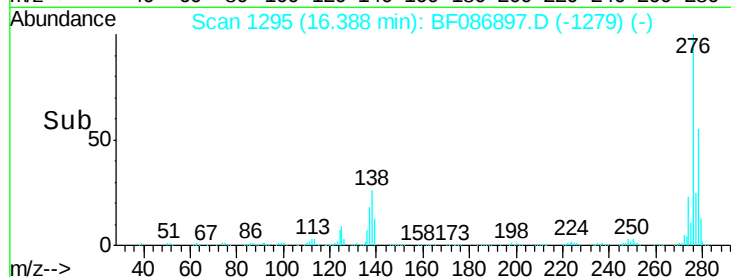
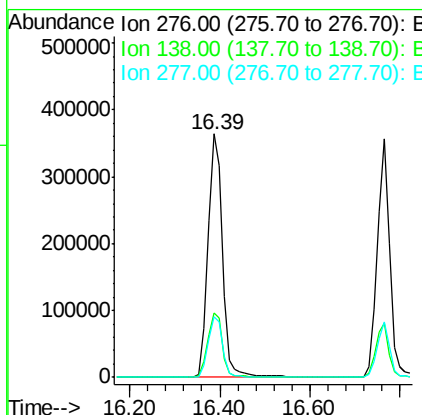
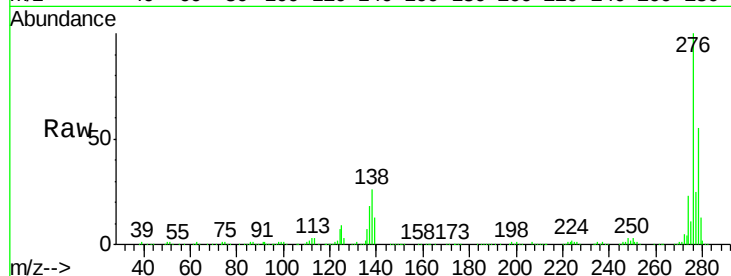




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.84 ng
 RT: 16.39 min Scan# 1295
 Delta R.T. -0.11 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

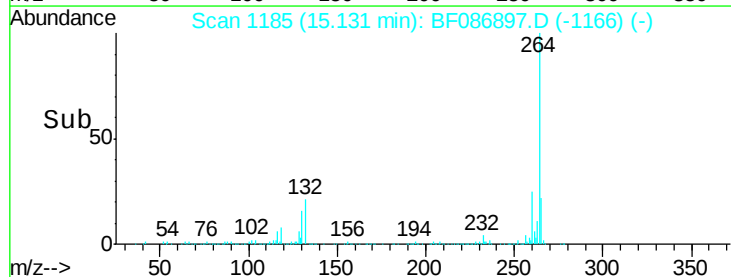
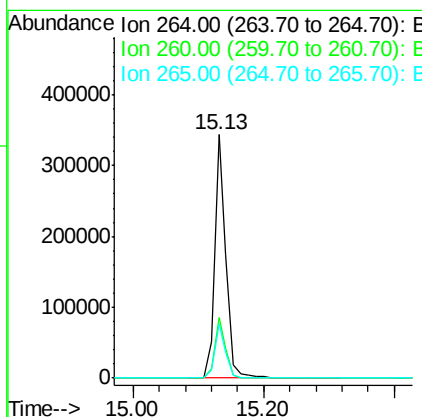
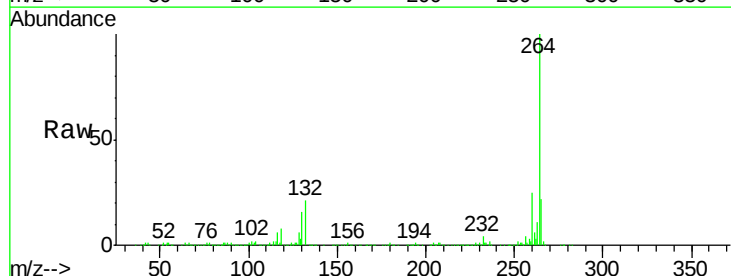
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003MS

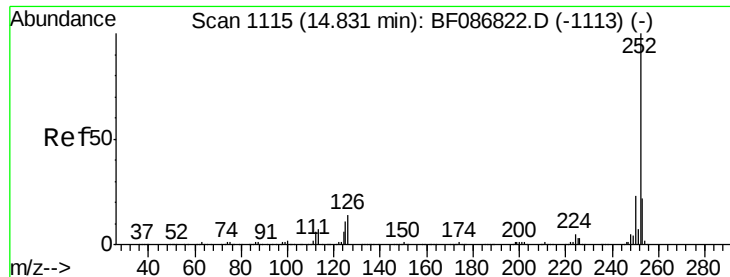
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.2	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.08 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 63.28 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

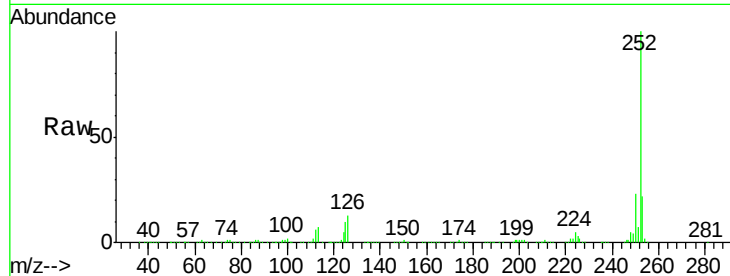
Tgt Ion:252 Resp: 1716624

Ion Ratio Lower Upper

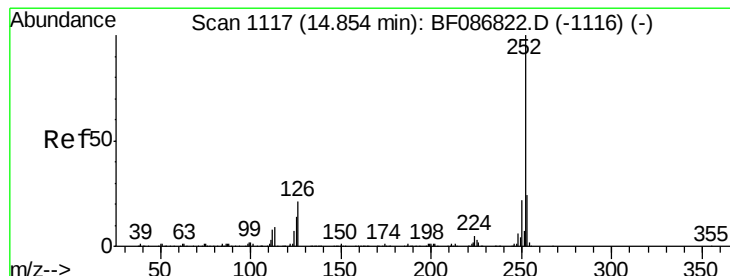
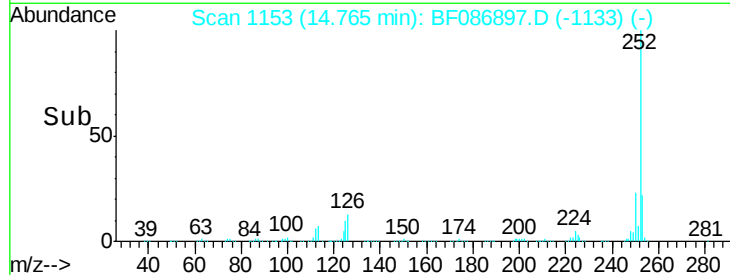
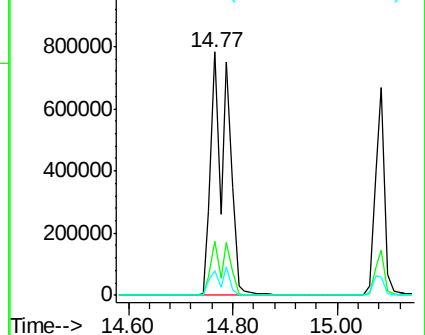
252 100

253 22.4 17.8 26.6

125 10.2 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 77.32 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.09 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

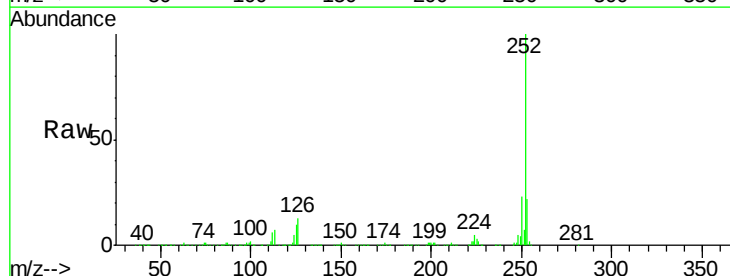
Tgt Ion:252 Resp: 1717289

Ion Ratio Lower Upper

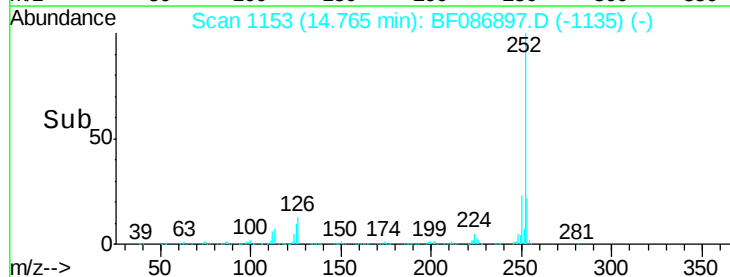
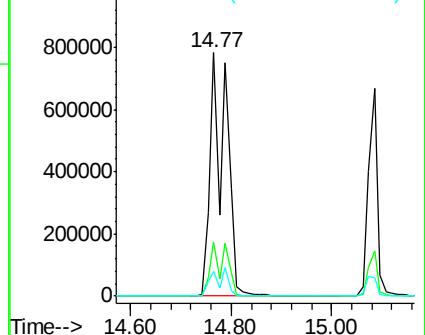
252 100

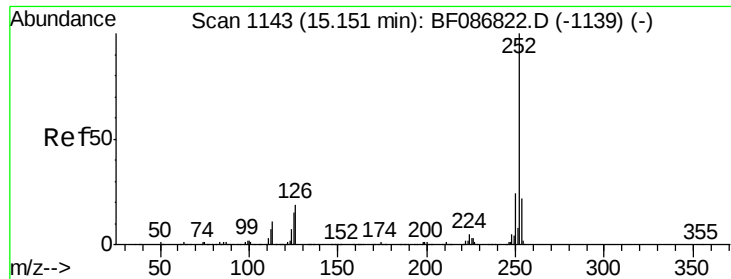
253 22.4 17.8 26.6

125 10.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.48 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

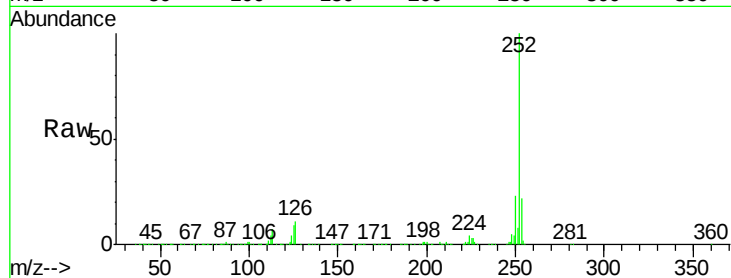
Tgt Ion:252 Resp: 830181

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

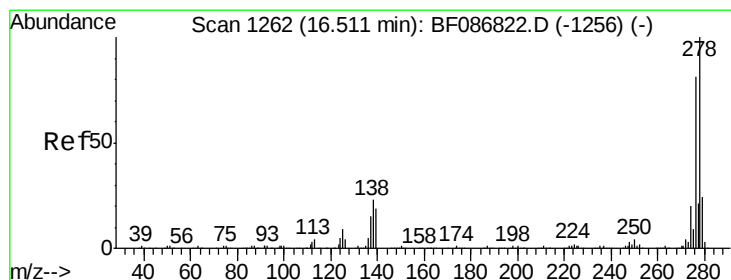
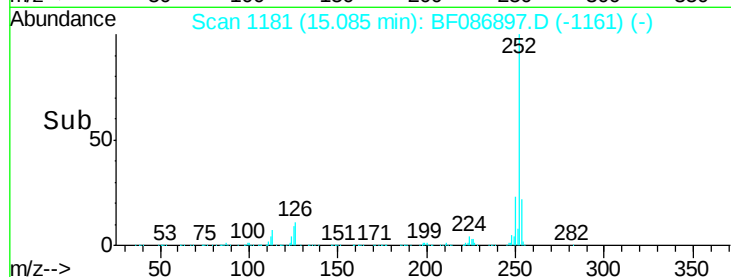
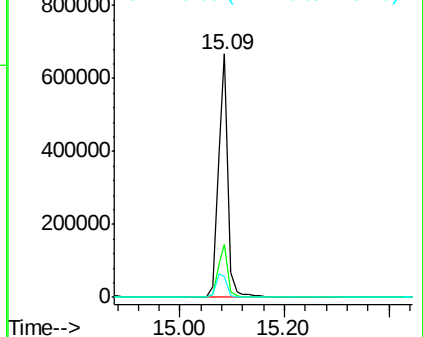
125 8.6 9.0 13.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 33.99 ng

RT: 16.40 min Scan# 1296

Delta R.T. -0.11 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

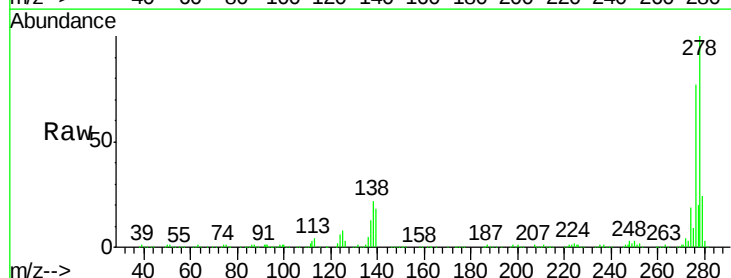
Tgt Ion:278 Resp: 670243

Ion Ratio Lower Upper

278 100

139 18.0 16.6 24.8

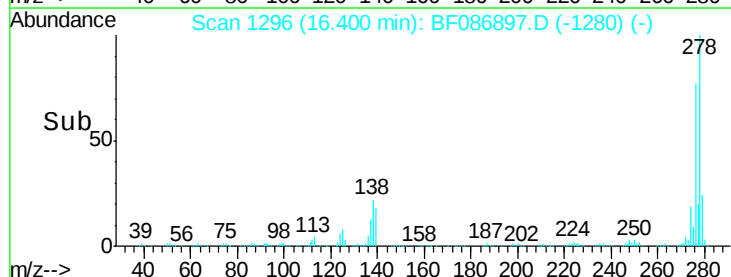
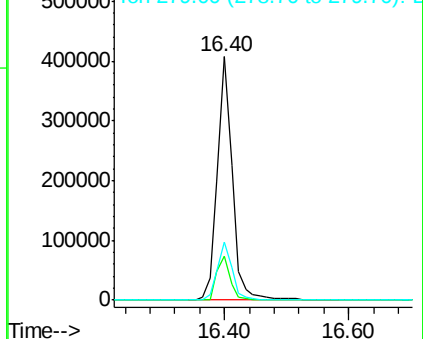
279 23.6 19.6 29.4

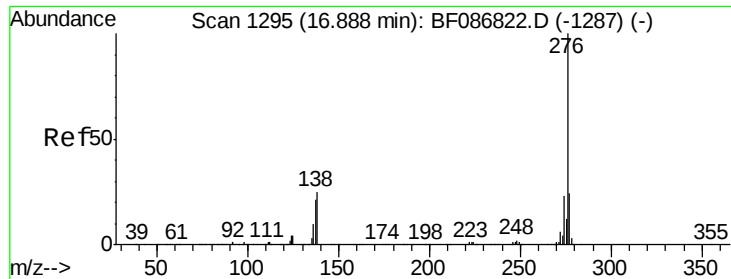


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.57 ng

RT: 16.77 min Scan# 1328

Delta R.T. -0.12 min

Lab File: BF086897.D

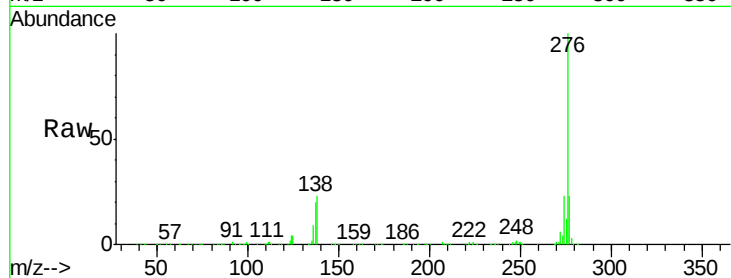
Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS



Tgt Ion:	276	Resp:	692680
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.6	29.4
138	23.0	23.6	35.4#

