

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

Manual Integrations
 APPROVED

umangi
 5/12/2016 9:10:01 AM

Quant Time: May 12 01:11:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	176017	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	748799	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	356537	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	692002	20.00	ng	0.00
75) Chrysene-d12	13.77	240	455683	20.00	ng	-0.01
86) Perylene-d12	15.13	264	417391	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1109305	106.73	ng	0.01
7) Phenol-d6	6.31	99	1527138	109.94	ng	0.00
23) Nitrobenzene-d5	7.21	82	1010838	67.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	438313	116.12	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1660516	78.27	ng	0.00
78) Terphenyl-d14	12.73	244	1383994	64.44	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	152946	29.97	ng	# 66
3) Pyridine	2.81	79	390221	31.28	ng	# 65
4) n-Nitrosodimethylamine	2.76	42	327099	36.16	ng	# 49
6) Aniline	6.31	93	377609	22.48	ng	# 1
8) 2-Chlorophenol	6.42	128	437019	34.85	ng	86
9) Benzaldehyde	6.18	77	48795	6.07	ng	98
10) Phenol	6.32	94	516961	31.31	ng	88
11) bis(2-Chloroethyl)ether	6.38	93	418846	32.53	ng	# 83
12) 1,3-Dichlorobenzene	6.57	146	442691m	32.62	ng	
13) 1,4-Dichlorobenzene	6.65	146	458798	33.15	ng	95
14) 1,2-Dichlorobenzene	6.80	146	387534	32.13	ng	95
15) Benzyl Alcohol	6.80	79	365896	38.15	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	877501	31.35	ng	75
17) 2-Methylphenol	6.92	107	356808	35.75	ng	# 81
18) Hexachloroethane	7.14	117	175780	33.75	ng	95
19) n-Nitroso-di-n-propylamine	7.06	70	324078	33.38	ng	# 64
20) 3+4-Methylphenols	7.07	107	479066	36.75	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	39709	5.89	ng	91
33) 4-Chloroaniline	8.01	127	301408	20.68	ng	97
34) Hexachlorobutadiene	8.06	225	214300	32.67	ng	98
35) Caprolactam	8.39	113	110788m	32.21	ng	
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

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

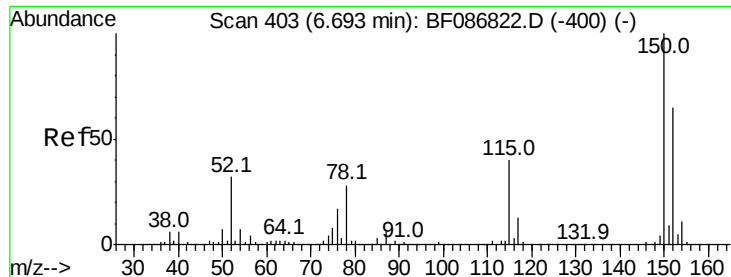
Manual Integrations
 APPROVED

umangi
 5/12/2016 9:10:01 AM

Quant Time: May 12 01:11:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	246750	35.60	nq	92
43) 2,4,5-Trichlorophenol	8.97	196	244014	34.04	nq #	83
45) 1,1'-Biphenyl	9.10	154	969950	34.20	nq	95
46) 2-Chloronaphthalene	9.12	162	720370	32.42	nq	93
47) 2-Nitroaniline	9.23	65	328699	40.48	nq	88
48) Acenaphthylene	9.53	152	1079231	33.02	nq	99
49) Dimethylphthalate	9.42	163	1104602	40.61	nq	100
50) 2,6-Dinitrotoluene	9.47	165	193359	33.78	nq #	81
51) Acenaphthene	9.70	154	687754	33.83	nq	99
52) 3-Nitroaniline	9.64	138	166555	27.64	nq	91
53) 2,4-Dinitrophenol	9.75	184	132787	48.72	nq #	64
54) Dibenzofuran	9.87	168	999819	38.31	nq	93
55) 4-Nitrophenol	9.84	139	283821	71.16	nq	92
56) 2,4-Dinitrotoluene	9.87	165	226981	32.04	nq #	56
57) Fluorene	10.22	166	732744	32.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	207918	38.52	nq	97
59) Diethylphthalate	10.11	149	961634	36.28	nq	97
60) 4-Chlorophenyl-phenylether	10.22	204	391840	39.17	nq #	87
61) 4-Nitroaniline	10.26	138	205173	35.45	nq #	70
62) Azobenzene	10.38	77	1153059	40.32	nq	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	144567	33.63	nq #	62
65) n-Nitrosodiphenylamine	10.34	169	782642	36.81	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	227240	32.39	nq	90
67) Hexachlorobenzene	10.76	284	291658	35.57	nq	96
68) Atrazine	10.87	200	235236	33.12	nq	94
69) Pentachlorophenol	10.97	266	280462	74.01	nq	97
70) Phenanthrene	11.18	178	1320901	35.77	nq	100
71) Anthracene	11.22	178	1155179	30.59	nq	100
72) Carbazole	11.38	167	1087684	33.50	nq	98
73) Di-n-butylphthalate	11.72	149	1447278	36.50	nq	99
74) Fluoranthene	12.35	202	1265772	33.32	nq	96
76) Benzidine	12.49	184	296223	25.50	nq	96
77) Pyrene	12.58	202	1353937	38.81	nq	100
79) Butylbenzylphthalate	13.21	149	593886	40.25	nq #	78
80) Benzo(a)anthracene	13.76	228	954720	37.32	nq	100
81) 3,3'-Dichlorobenzidine	13.74	252	225204	13.86	nq #	96
82) Chrysene	13.81	228	1023013	39.31	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	698114	39.33	nq	97
84) Di-n-octyl phthalate	14.38	149	1171128	39.83	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.39	276	818360	37.80	nq	95
87) Benzo(b)fluoranthene	14.77	252	904343m	33.34	nq	
88) Benzo(k)fluoranthene	14.79	252	797939m	35.92	nq	
89) Benzo(a)pyrene	15.09	252	830181	35.48	nq #	97
90) Dibenzo(a,h)anthracene	16.40	278	670243	33.99	nq	96
91) Benzo(g,h,i)perylene	16.77	276	692149	34.54	nq #	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. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

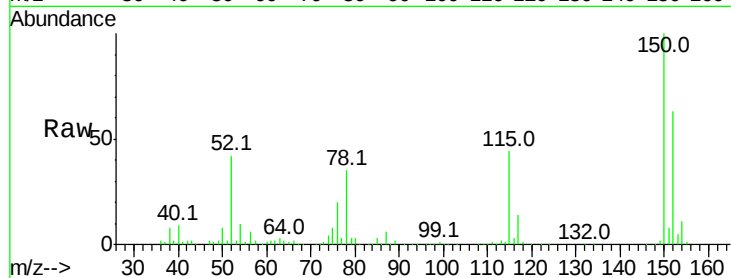
ClientSampleId :

TILCON-MH-SF-003MS

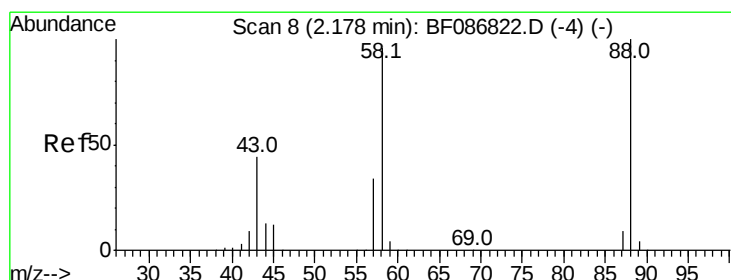
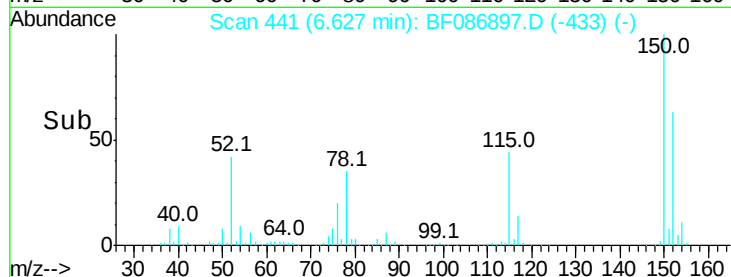
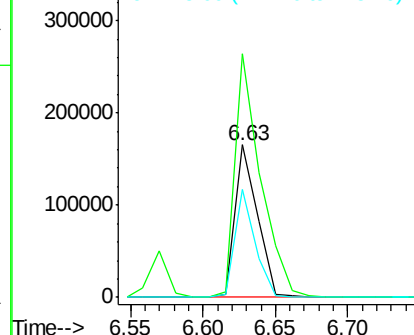
Tot Ion:	152	Resp:	176017
Ion Ratio	Lower	Upper	
152	100		
150	159.9	125.8	188.6
115	70.7	51.5	77.3

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



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: 29.97 ng

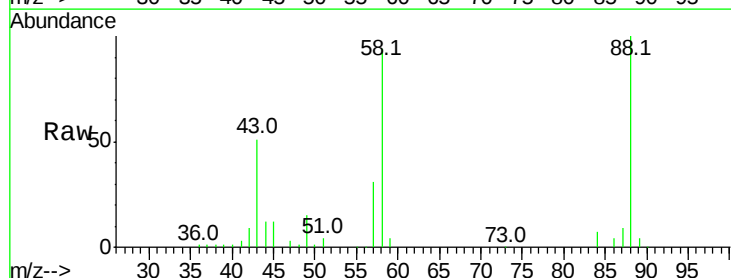
RT: 2.17 min Scan# 51

Delta R.T. 0.09 min

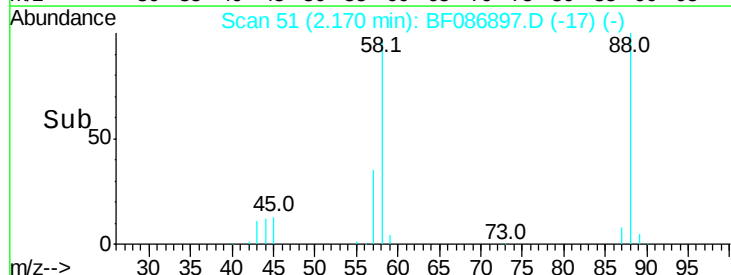
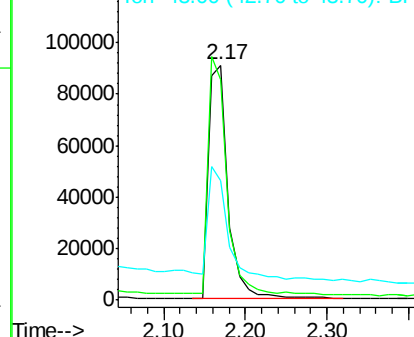
Lab File: BF086897.D

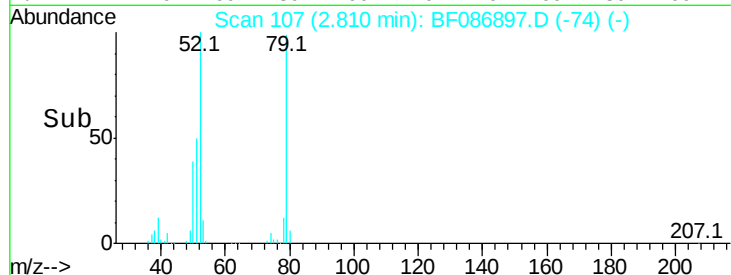
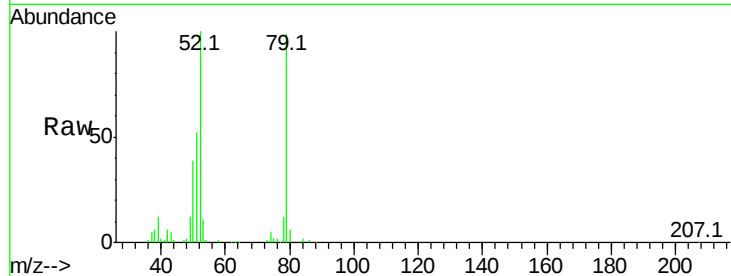
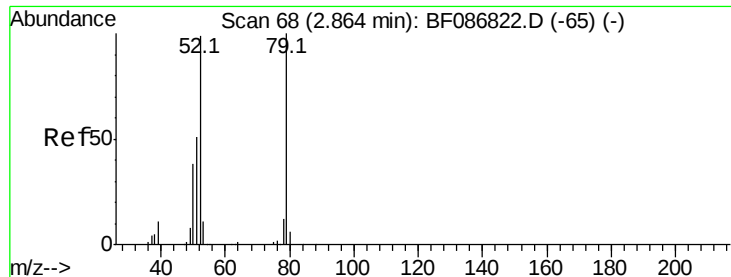
Acq: 11 May 2016 19:38

Tgt Ion:	88	Resp:	152946
Ion Ratio	Lower	Upper	
88	100		
58	98.6	59.6	89.4#
43	52.2	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





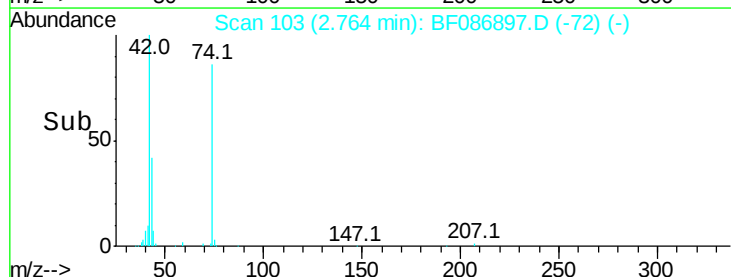
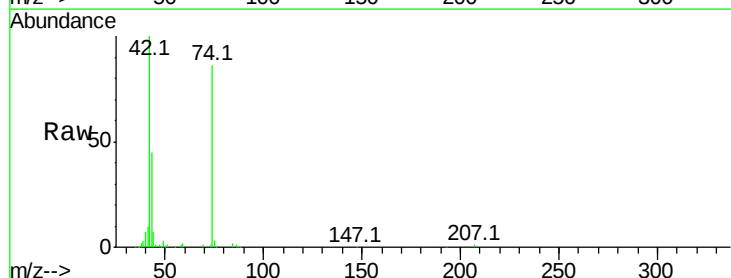
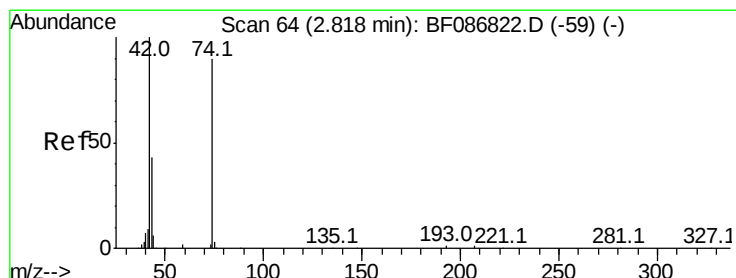
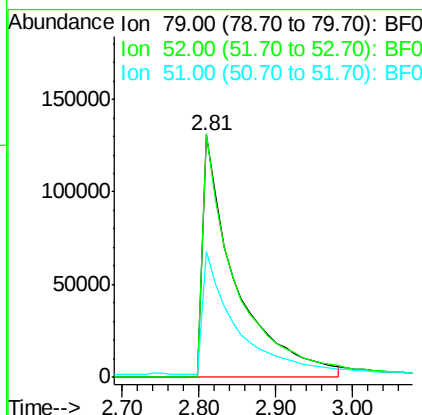
#3
Pvridine
Concen: 31.28 ng
RT: 2.81 min Scan# 107
Delta R.T. 0.08 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.5	55.9	83.9#
51	52.2	28.1	42.1#

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

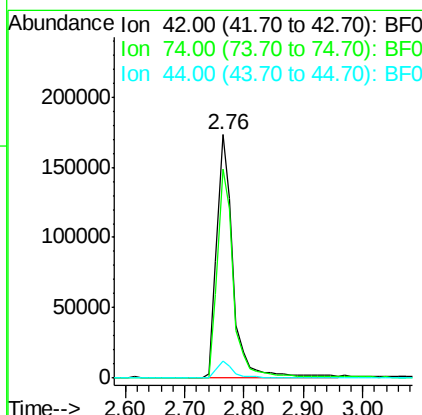
Manual Integrations
APPROVED

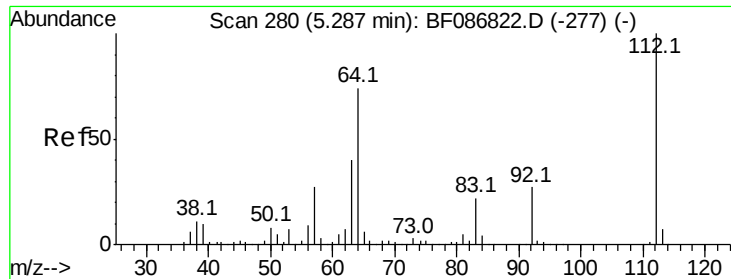
umangi
5/12/2016 9:10:01 AM



#4
n-Nitrosodimethylamine
Concen: 36.16 ng
RT: 2.76 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	85.7	123.4	185.0#
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 106.73 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

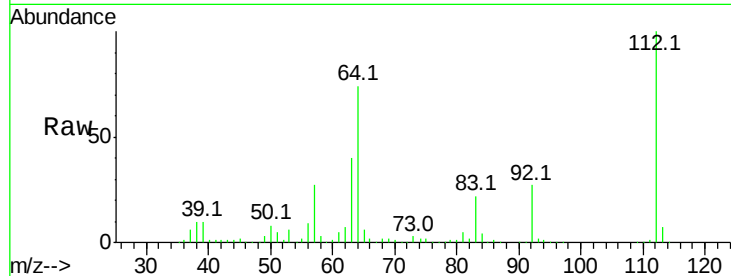
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	73.7	52.1	78.1
63	40.4	25.7	38.5

Manual Integrations
APPROVED

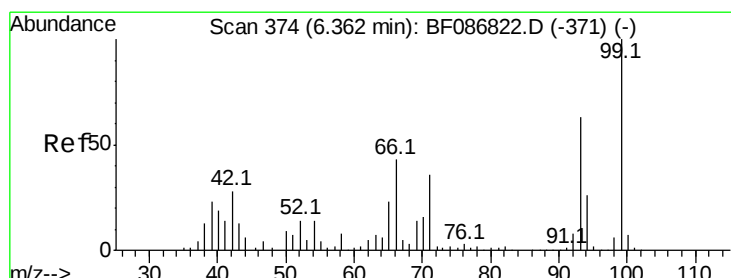
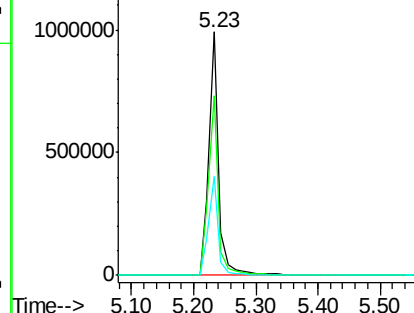
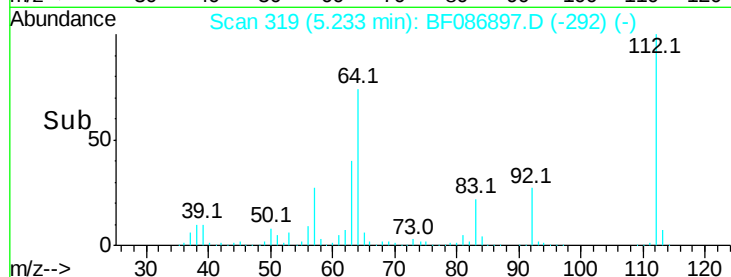
umangi
5/12/2016 9:10:01 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.48 ng

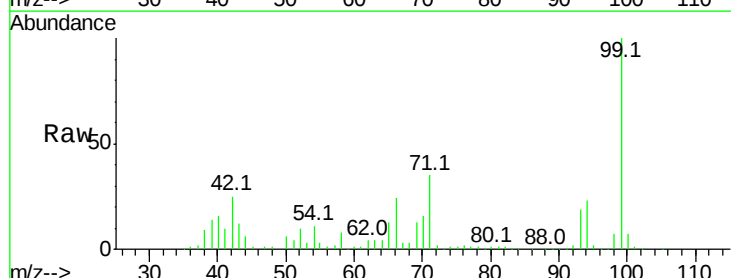
RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

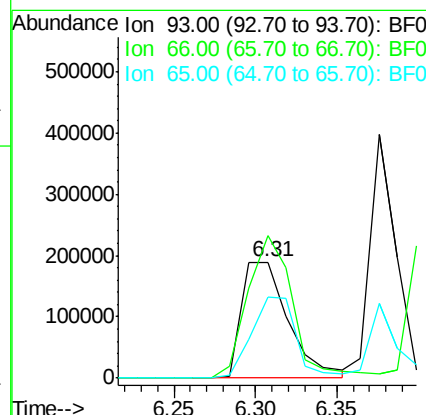
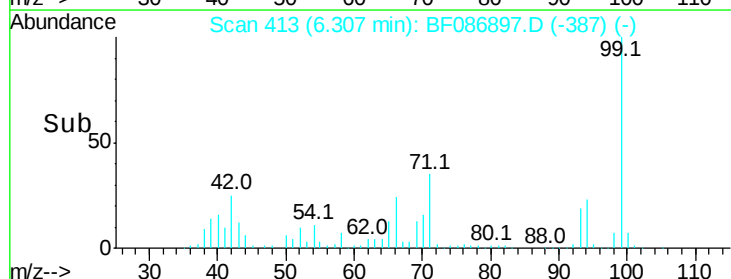
Tgt Ion	Ratio	Lower	Upper
93	100		
66	123.2	39.0	58.6
65	69.4	20.6	31.0

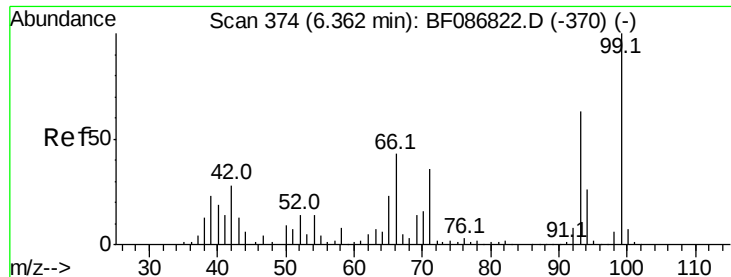


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.94 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion: 99 Resp: 1527138

Ion Ratio Lower Upper

99 100

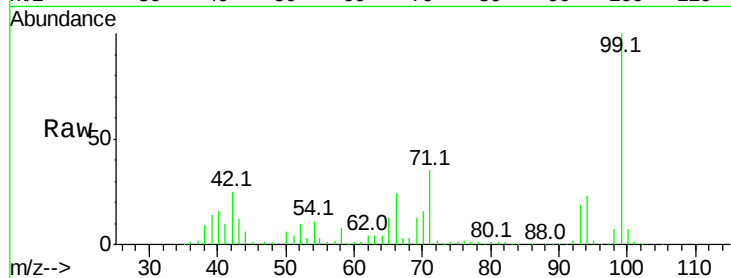
42 25.0 13.6 20.4#

71 35.4 24.6 36.8

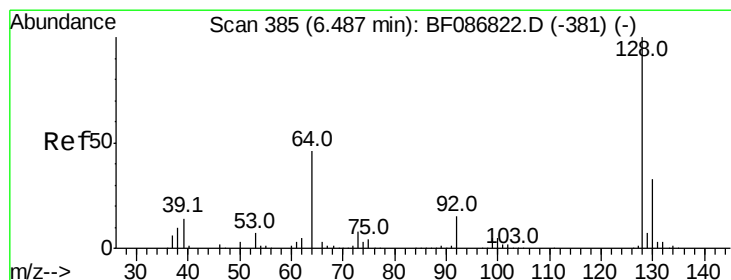
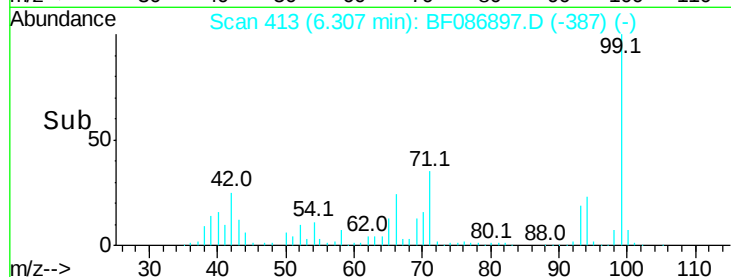
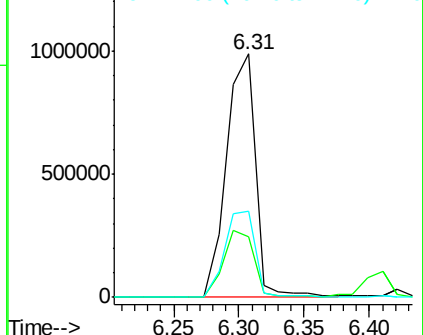
Manual Integrations
APPROVED

umangi

5/12/2016 9:10:01 AM



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: 34.85 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

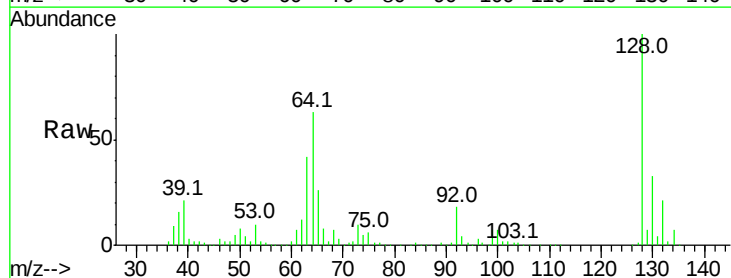
Tgt Ion:128 Resp: 437019

Ion Ratio Lower Upper

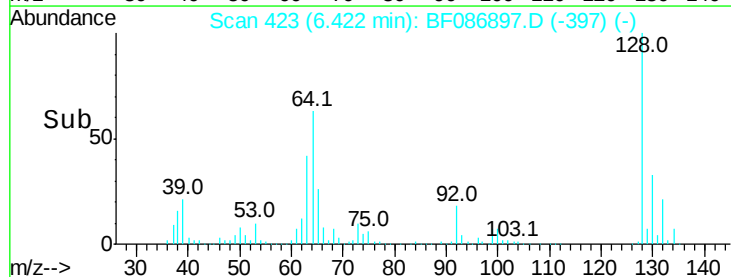
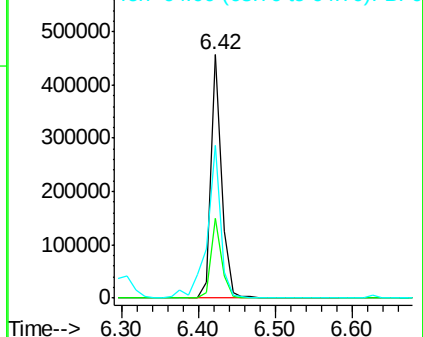
128 100

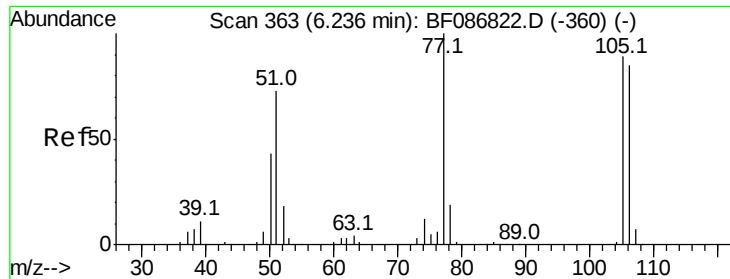
130 32.6 12.5 52.5

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: 6.07 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

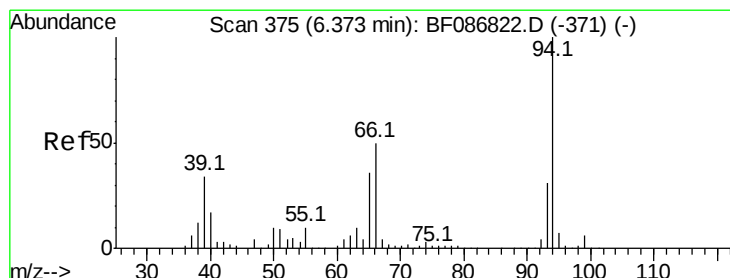
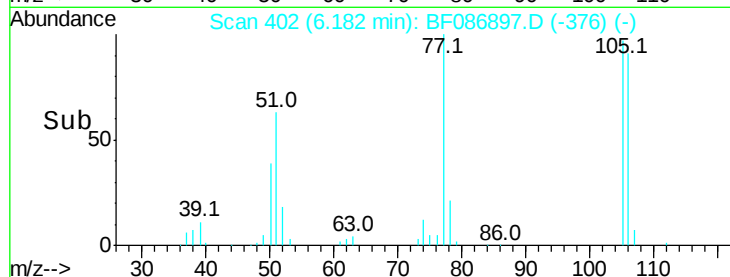
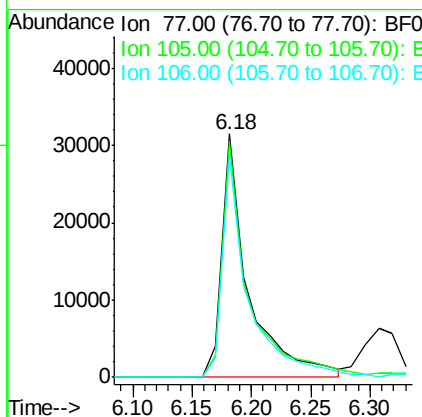
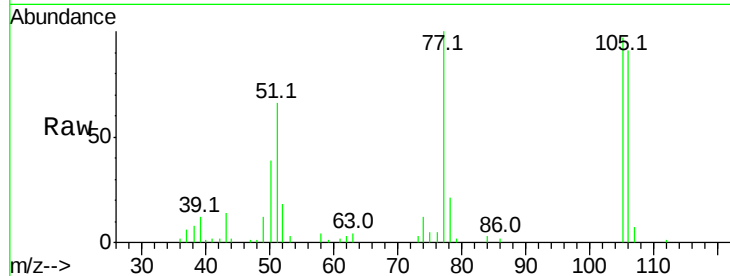
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	77	Resp:	48795
Ion	Ratio	Lower	Upper
77	100		
105	97.1	72.7	112.7
106	91.0	70.8	110.8

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#10

Phenol

Concen: 31.31 ng

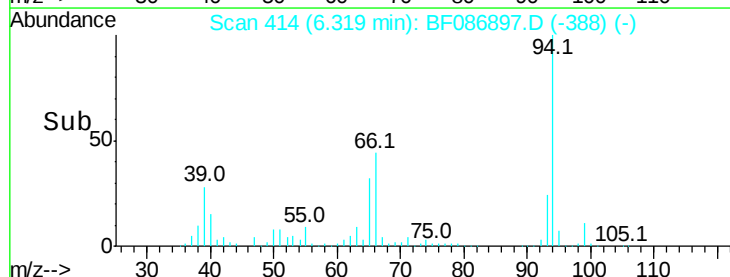
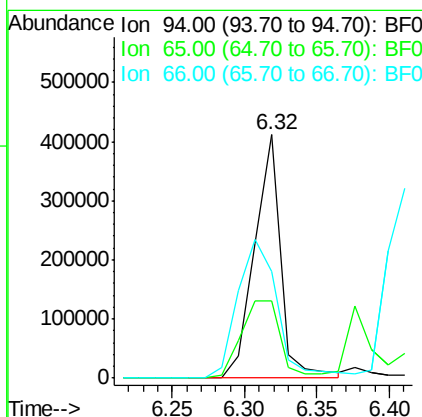
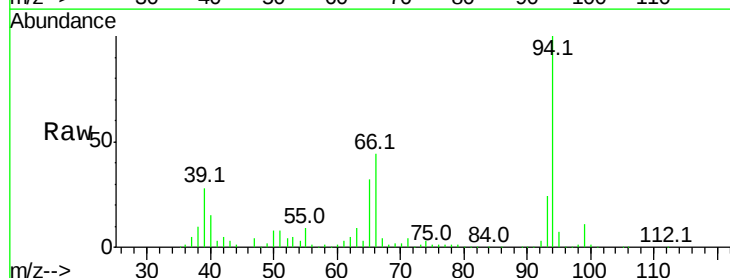
RT: 6.32 min Scan# 414

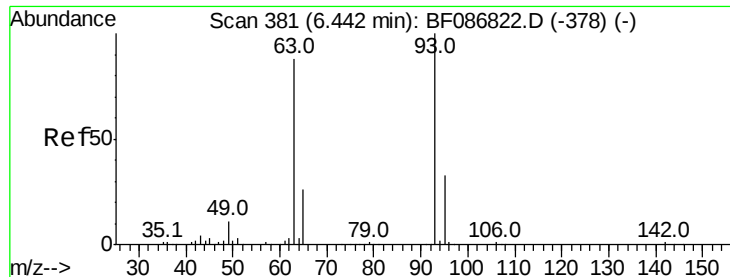
Delta R.T. -0.00 min

Lab File: BF086897.D

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





#11

bis(2-Chloroethyl)ether

Concen: 32.53 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

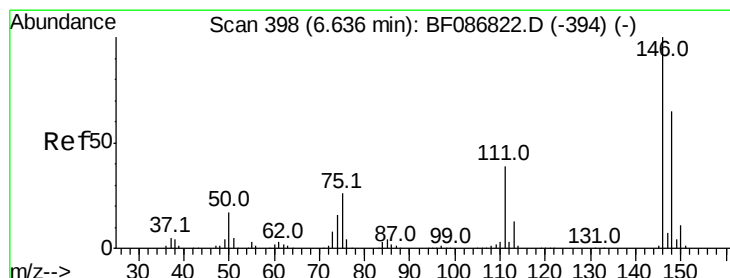
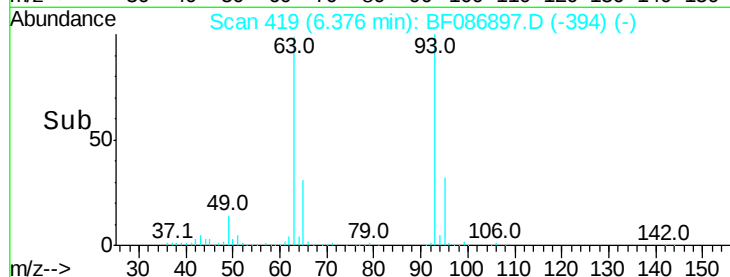
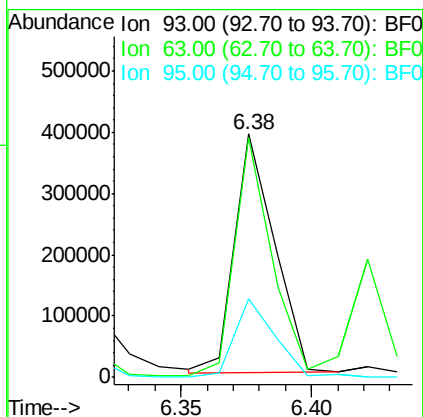
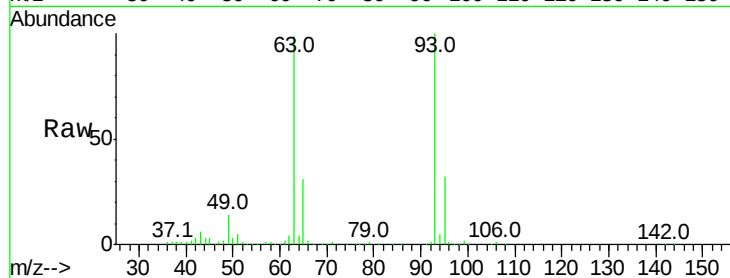
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	93	Resp:	418846
Ion Ratio	Lower	Upper	
93	100		
63	98.7	58.0	98.0#
95	32.3	11.9	51.9

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#12

1,3-Dichlorobenzene

Concen: 32.62 ng m

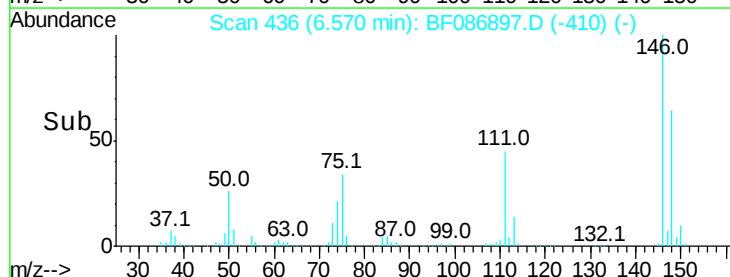
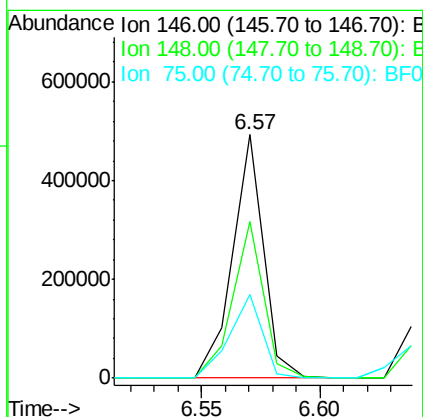
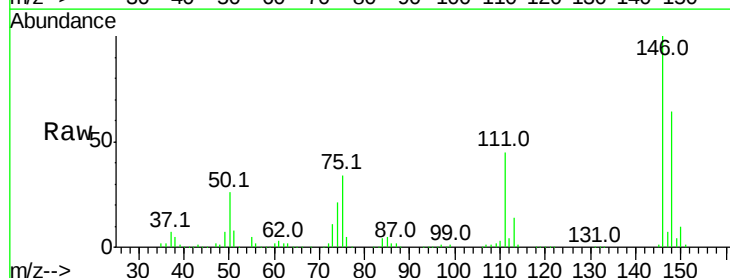
RT: 6.57 min Scan# 436

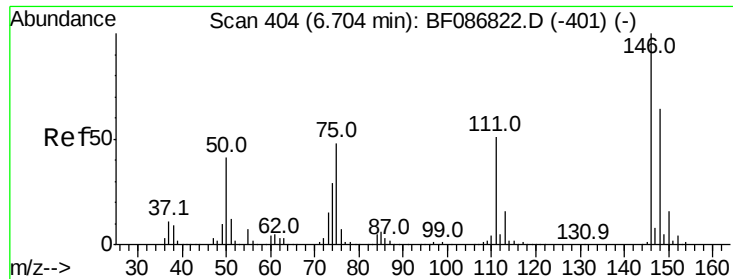
Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Tgt Ion:	146	Resp:	442691
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.4	78.6
75	34.4	22.8	34.2#





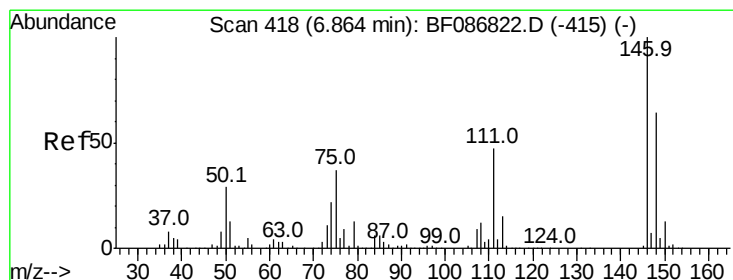
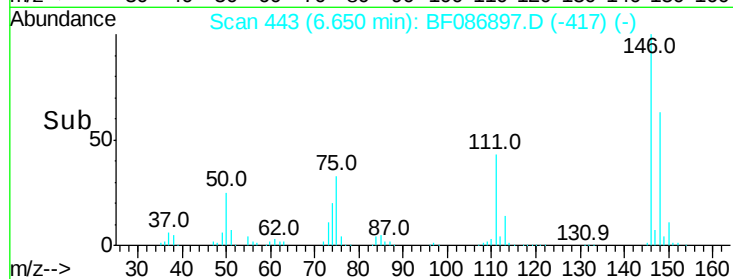
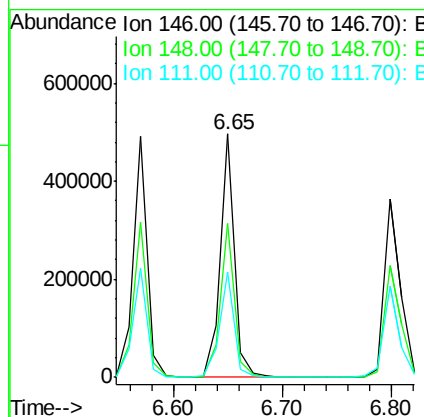
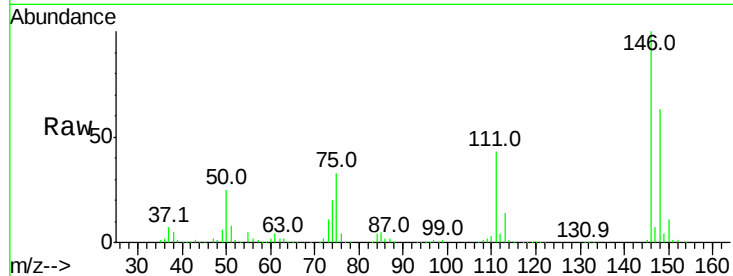
#13
 1,4-Dichlorobenzene
 Concen: 33.15 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
146	100	458798		
148	63.2		52.2	78.4
111	43.2		30.7	46.1

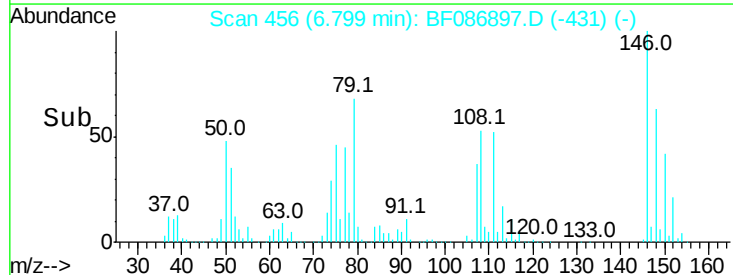
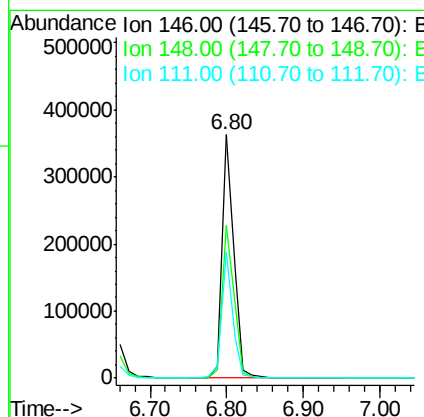
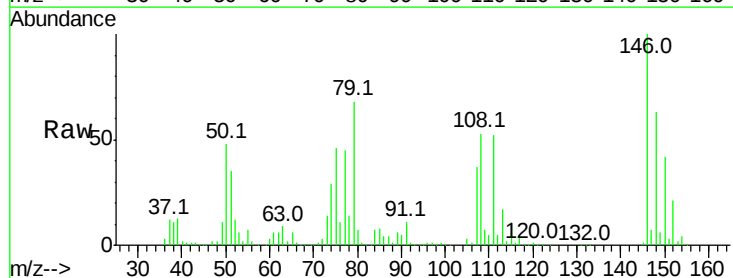
Manual Integrations
 APPROVED

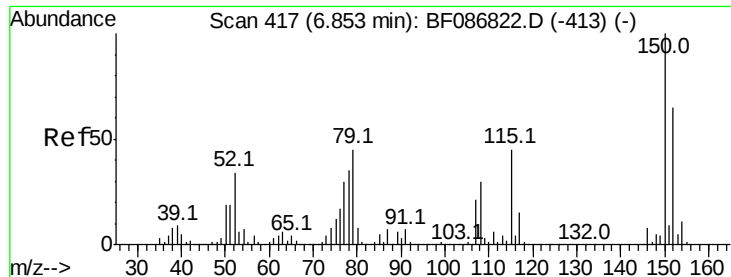
umangi
 5/12/2016 9:10:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.13 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	387534		
148	62.9		51.0	76.6
111	51.6		36.2	54.4





#15

Benzyl Alcohol

Concen: 38.15 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion: 79 Resp: 365896

Ion Ratio Lower Upper

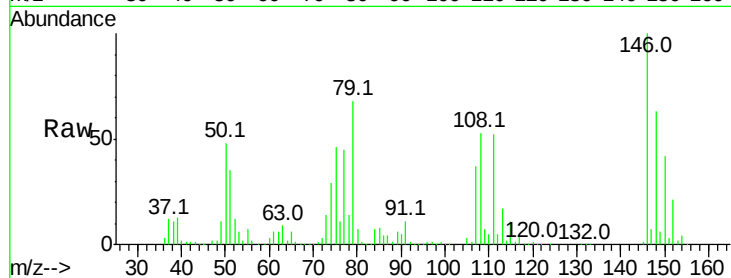
79 100

108 77.7 68.4 102.6

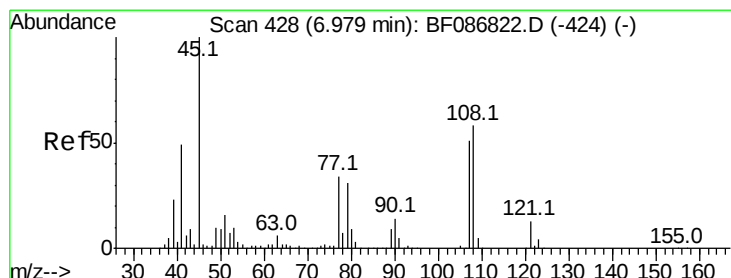
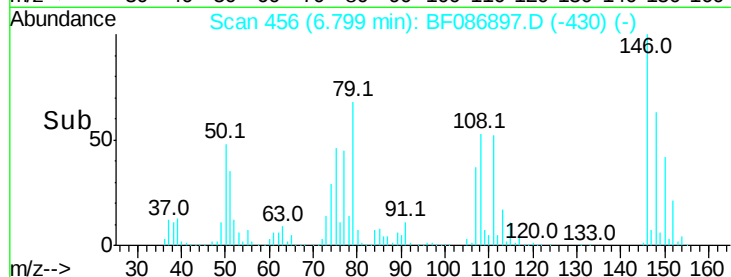
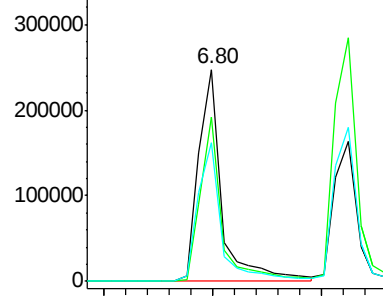
77 65.6 50.6 76.0

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



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: 31.35 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

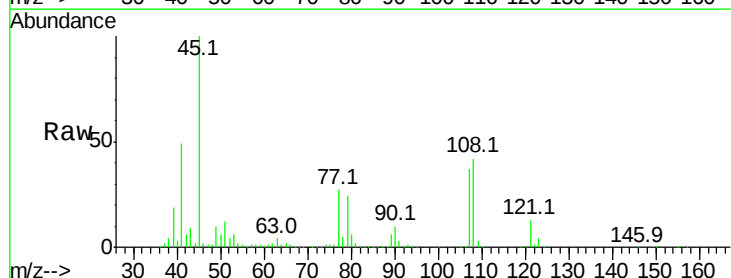
Tgt Ion: 45 Resp: 877501

Ion Ratio Lower Upper

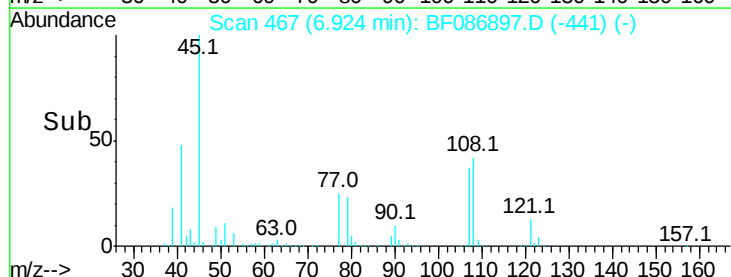
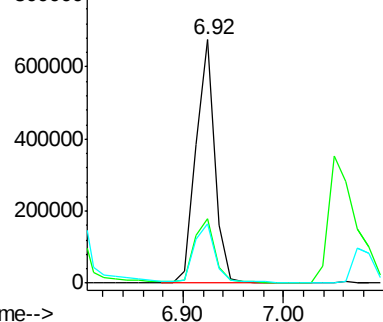
45 100

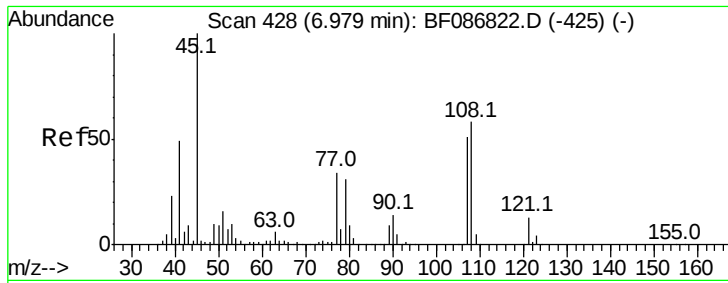
77 26.5 0.0 36.4

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: 35.75 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

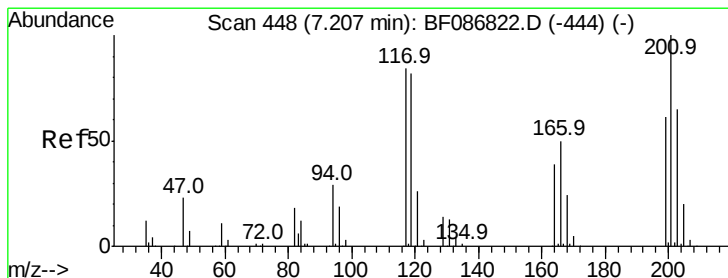
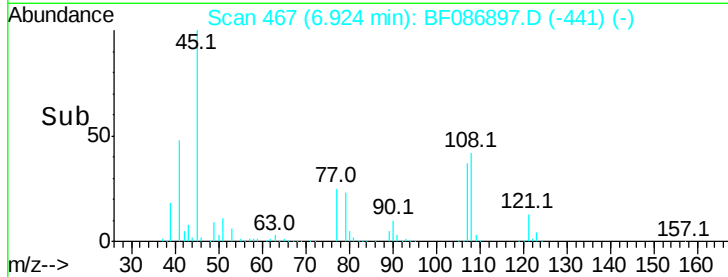
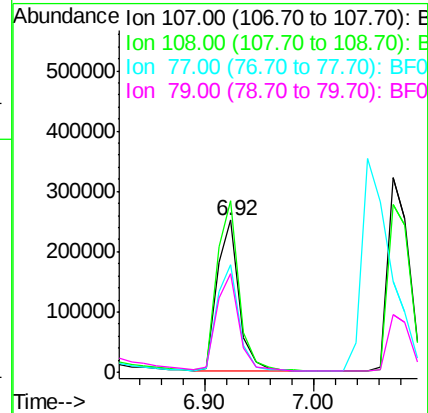
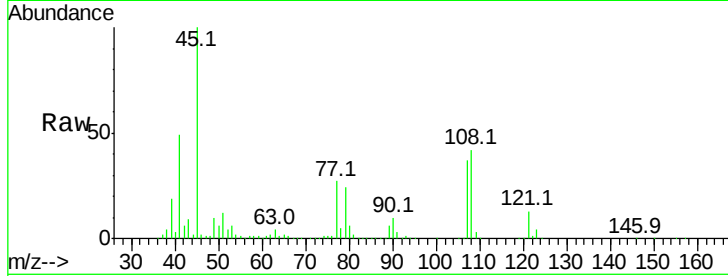
ClientSampleId :

TILCON-MH-SF-003MS

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM

Tot Ion	Ratio	Resp	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: 33.75 ng

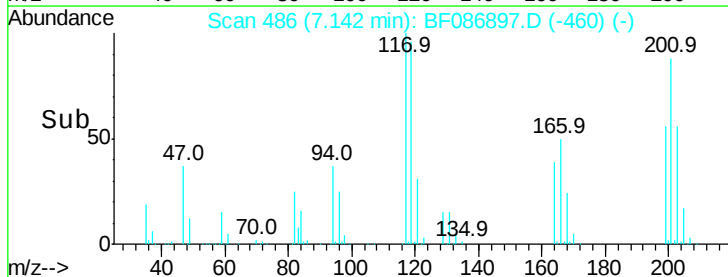
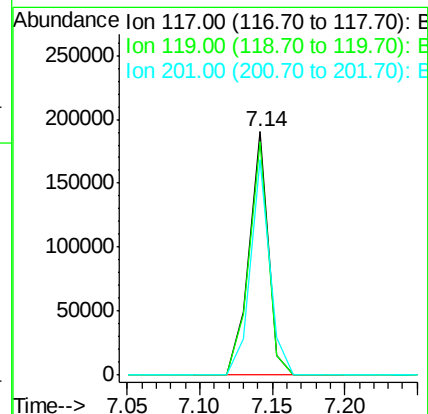
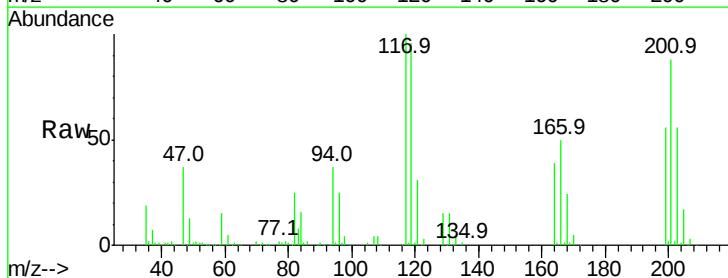
RT: 7.14 min Scan# 486

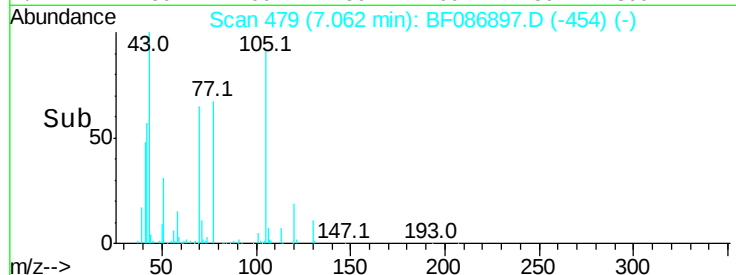
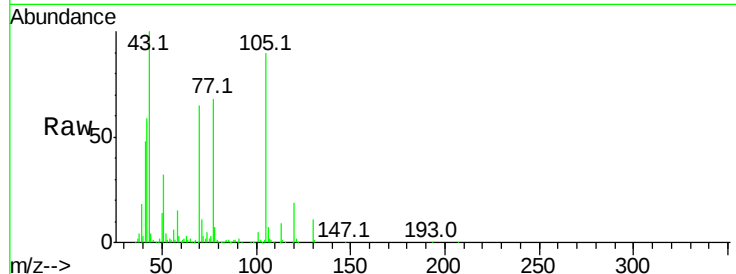
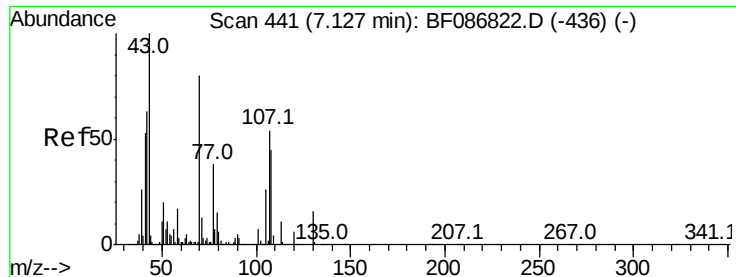
Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

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





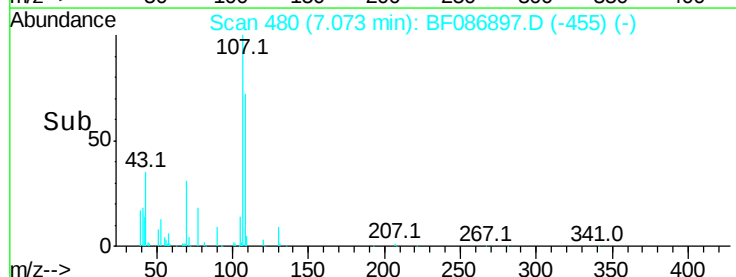
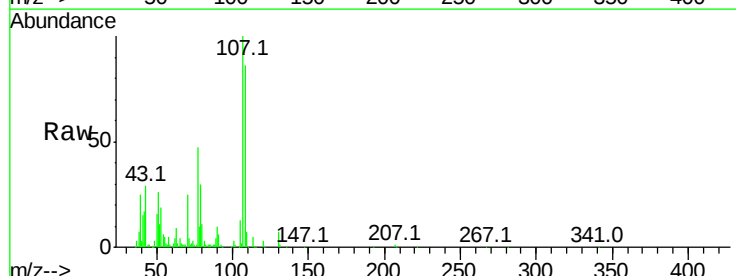
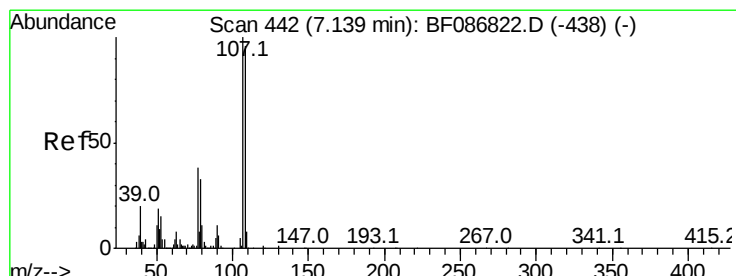
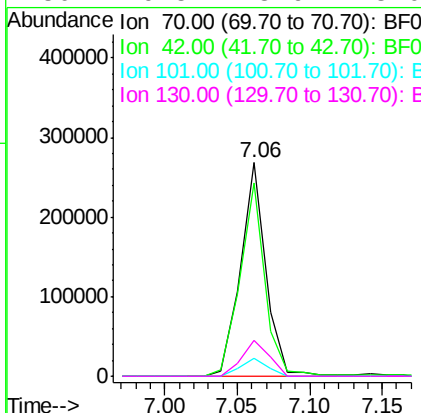
#19
n-Nitroso-di-n-propylamine
Concen: 33.38 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

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

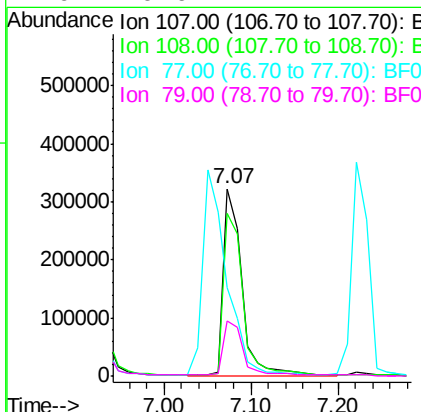
Manual Integrations
APPROVED

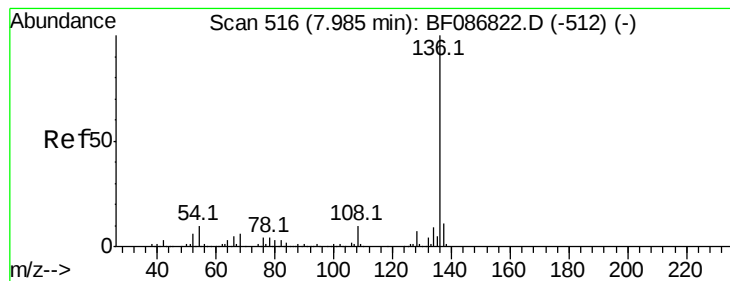
umangi
5/12/2016 9:10:01 AM



#20
3+4-Methylphenols
Concen: 36.75 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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





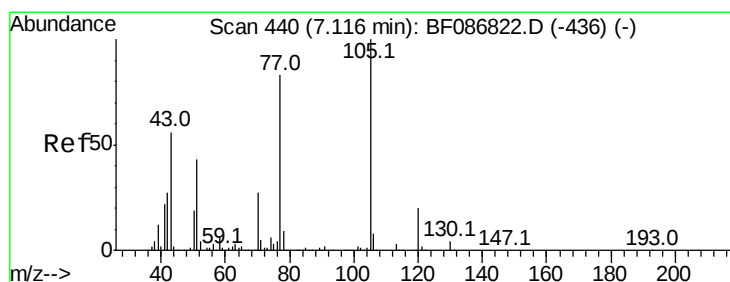
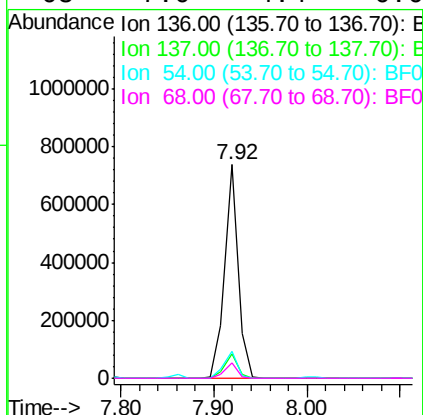
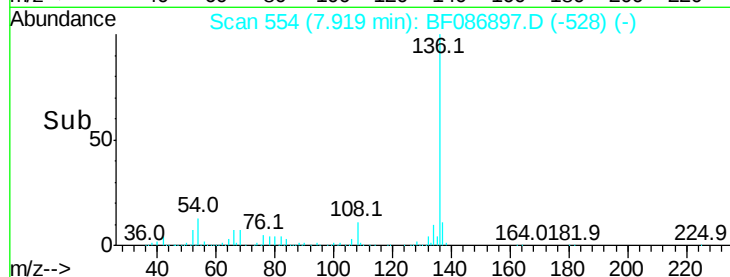
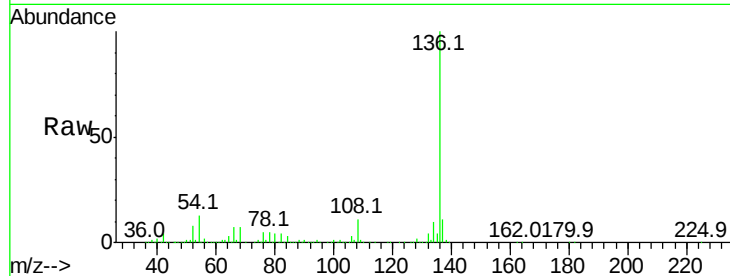
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	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	

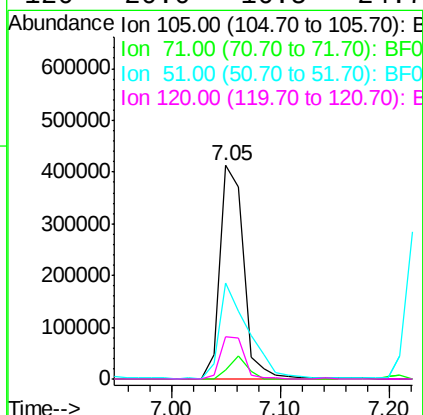
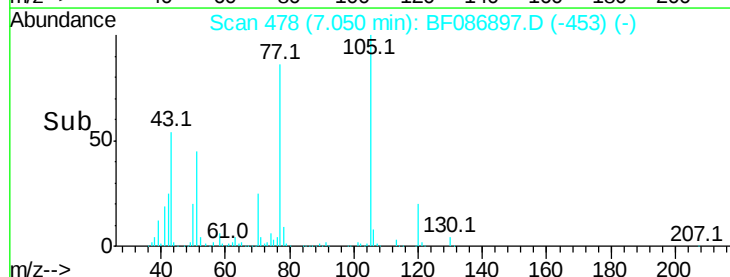
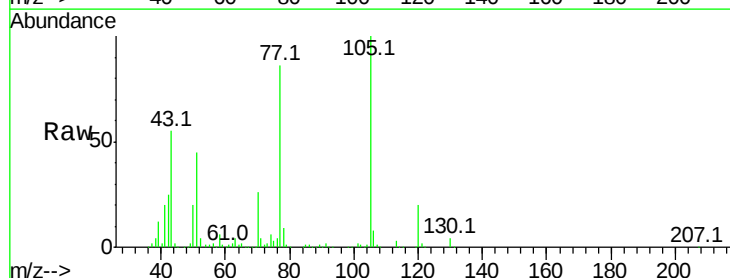
Manual Integrations
APPROVED

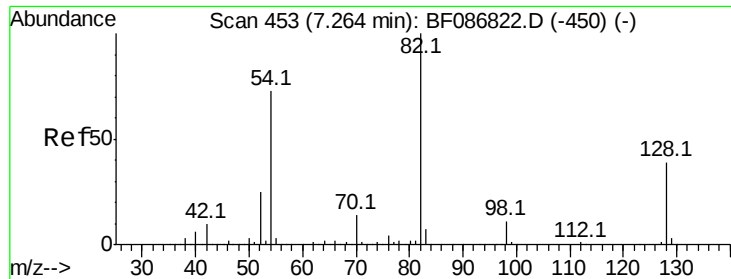
umangi
5/12/2016 9:10:01 AM



#22
Acetophenone
Concen: 35.41 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	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	





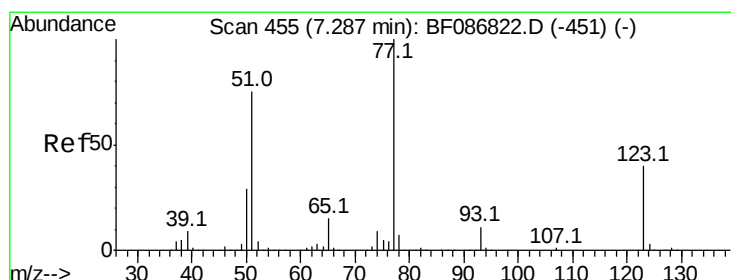
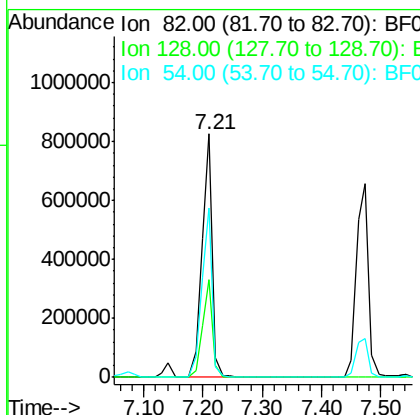
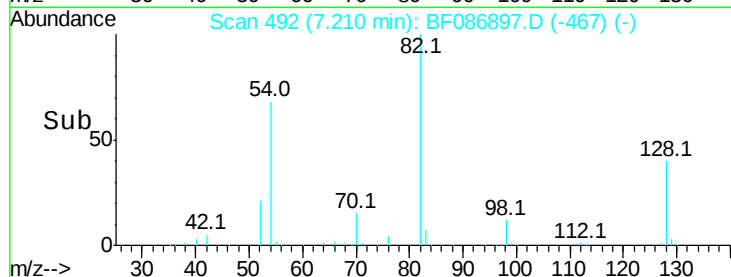
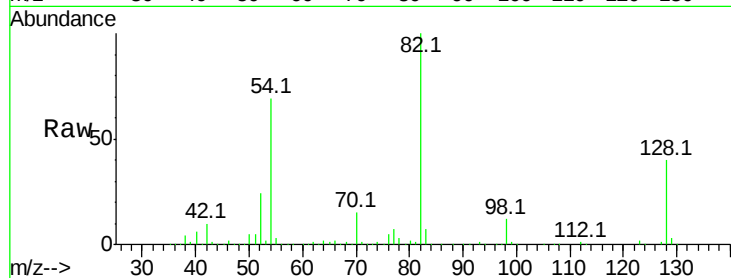
#23
 Nitrobenzene-d5
 Concen: 67.78 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

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

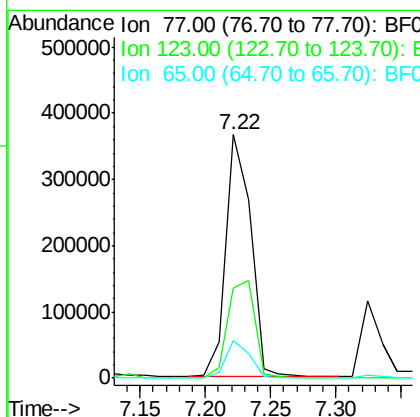
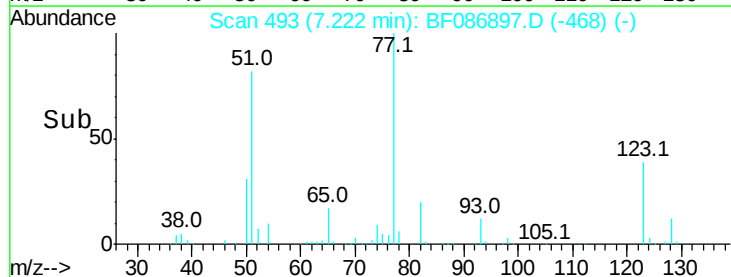
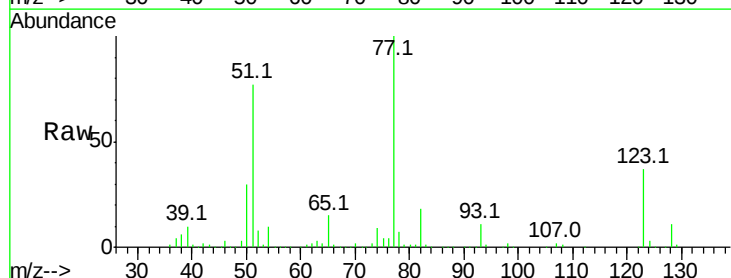
Manual Integrations
 APPROVED

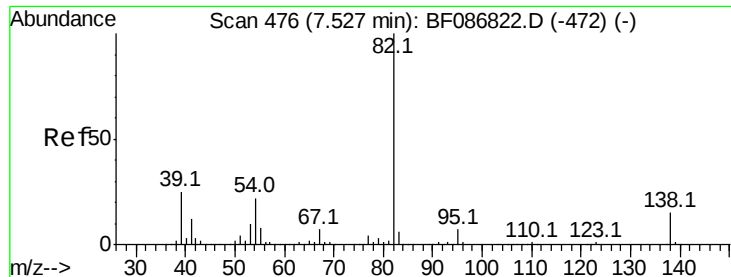
umangi
 5/12/2016 9:10:01 AM



#24
 Nitrobenzene
 Concen: 31.56 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.01 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. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

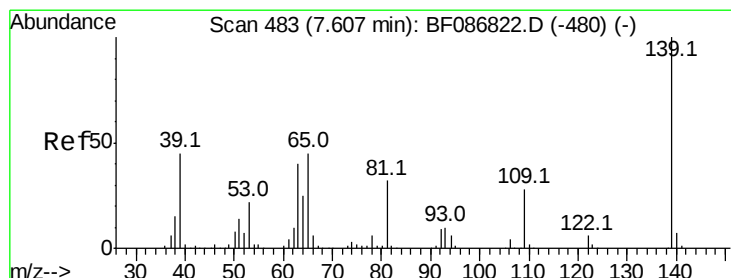
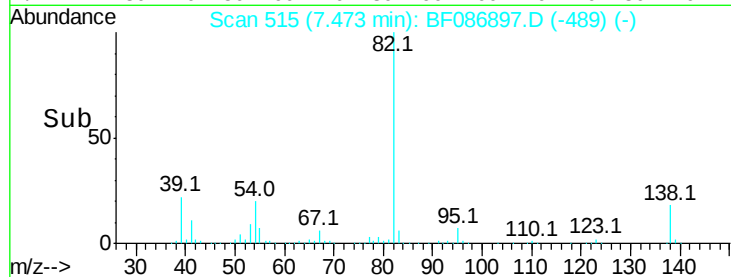
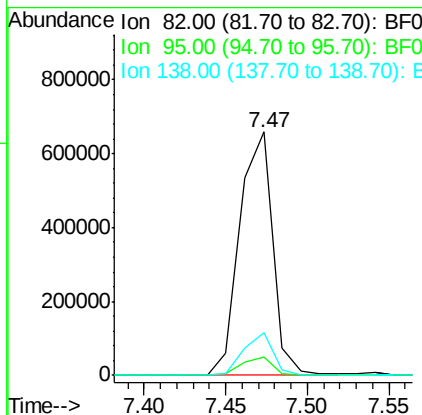
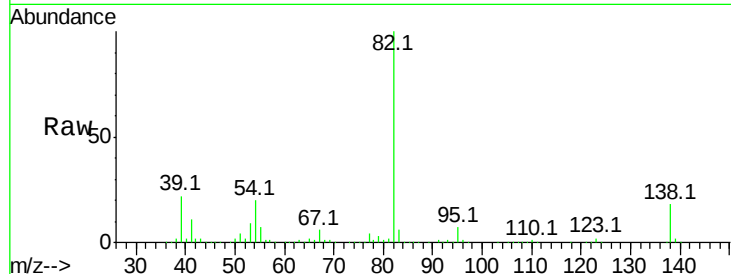
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	82	Resp:	921638
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.1	7.7
138	17.8	12.4	18.6

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#26

2-Nitrophenol

Concen: 33.53 ng

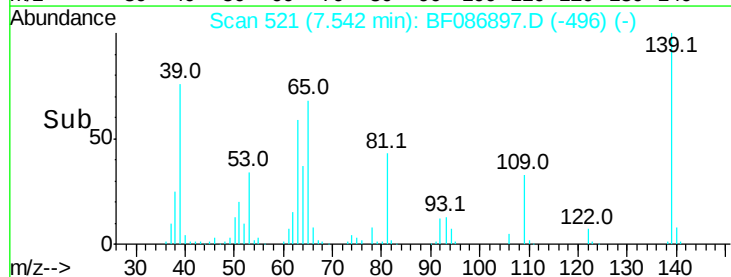
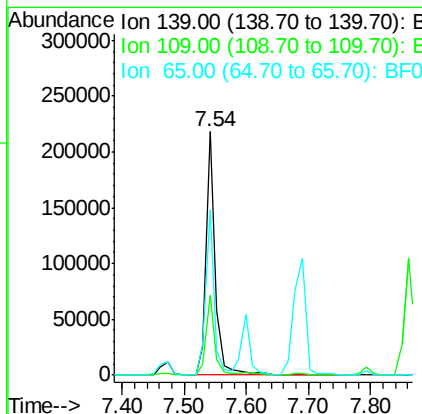
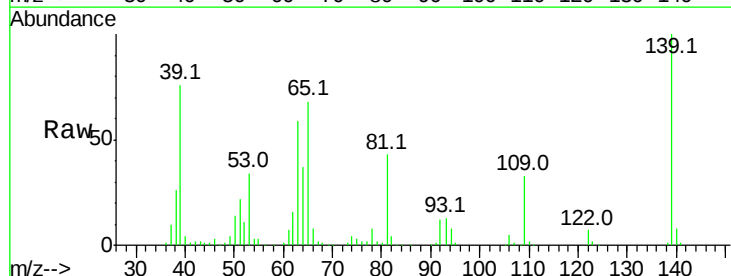
RT: 7.54 min Scan# 521

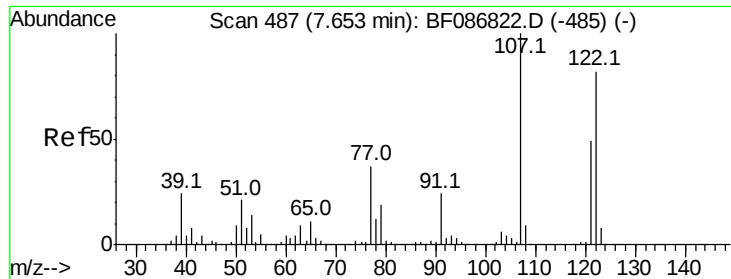
Delta R.T. -0.01 min

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#





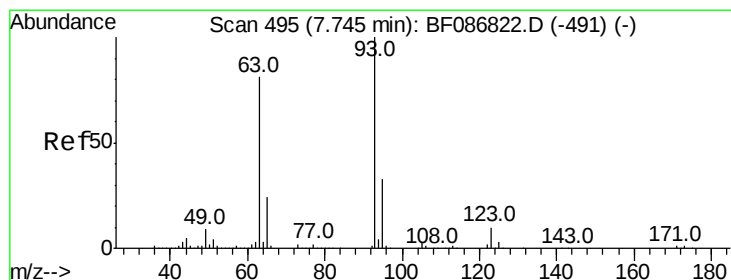
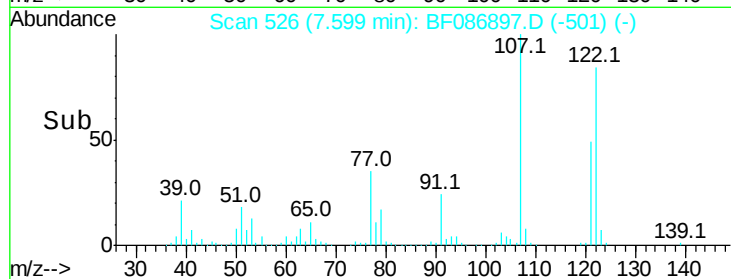
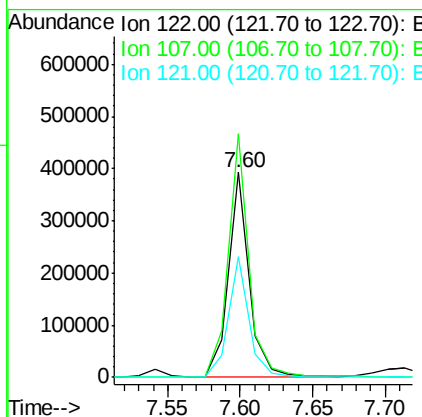
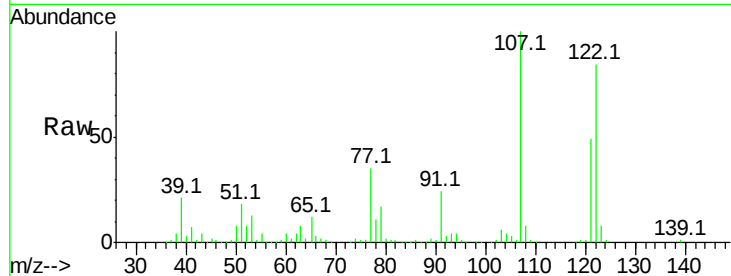
#27
 2,4-Dimethylphenol
 Concen: 34.15 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

Tot Ion:	122	Resp:	392294
Ion Ratio	Lower	Upper	
122	100		
107	118.7	82.0	123.0
121	58.6	46.1	69.1

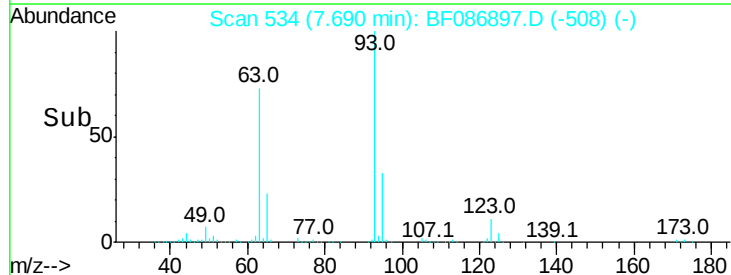
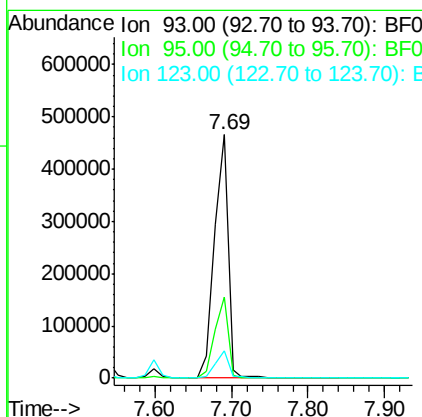
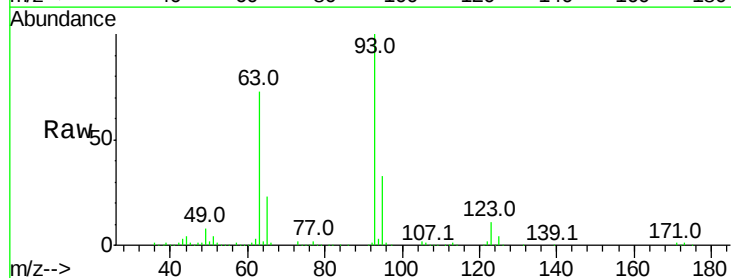
Manual Integrations
 APPROVED

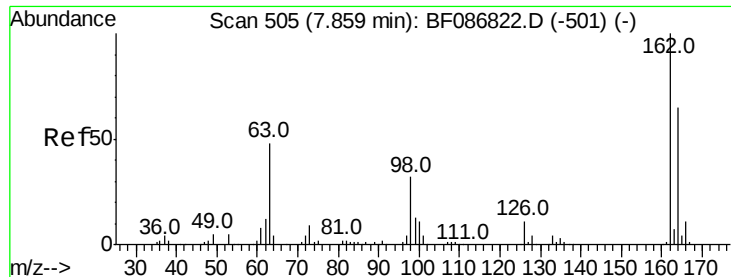
umangi
 5/12/2016 9:10:01 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.18 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.00 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





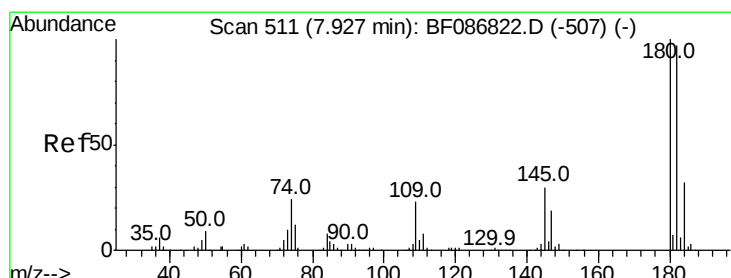
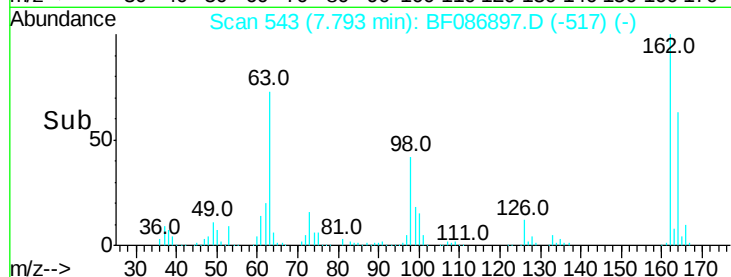
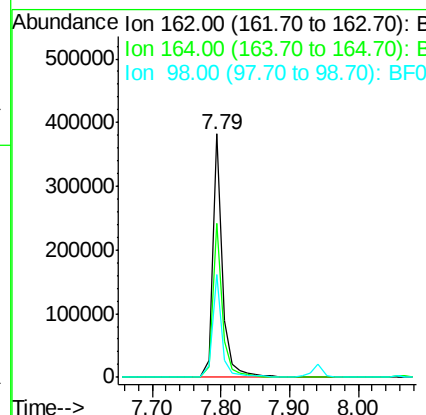
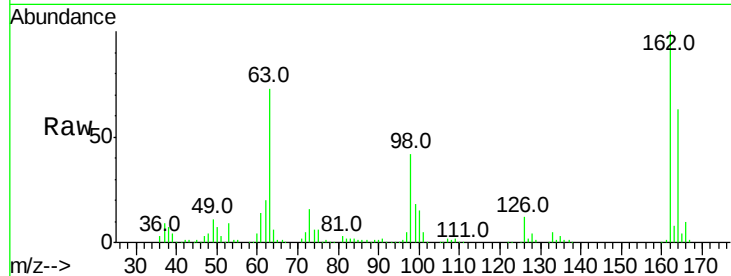
#29
 2,4-Dichlorophenol
 Concen: 37.45 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	378645		
164	63.3	42.2	82.2	
98	42.1	19.0	59.0	

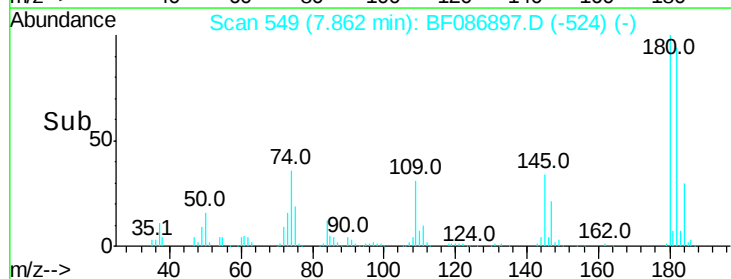
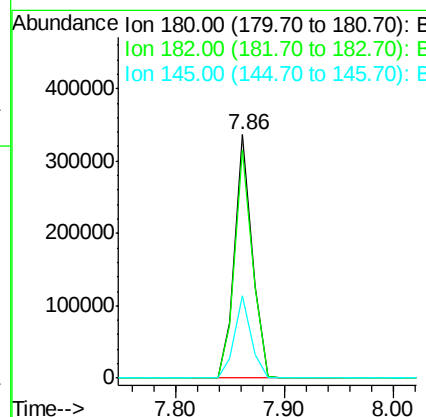
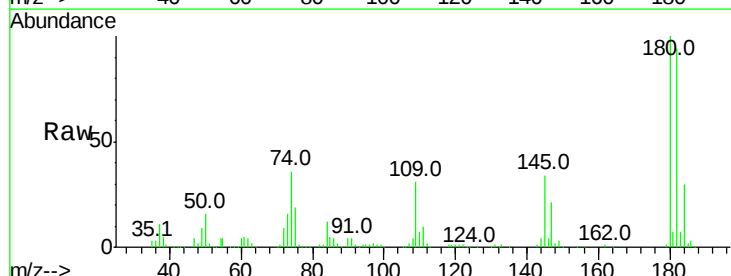
Manual Integrations
 APPROVED

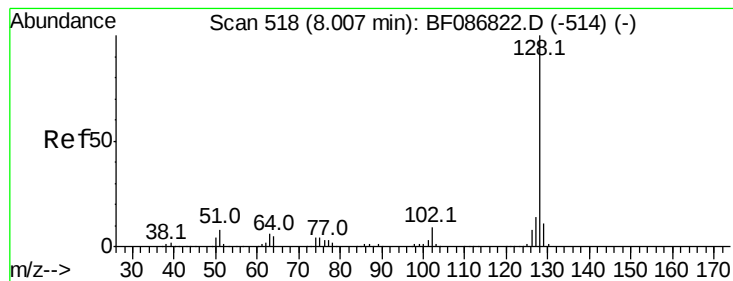
umangi
 5/12/2016 9:10:01 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.24 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	375707		
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. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:128 Resp: 1268701

Ion Ratio Lower Upper

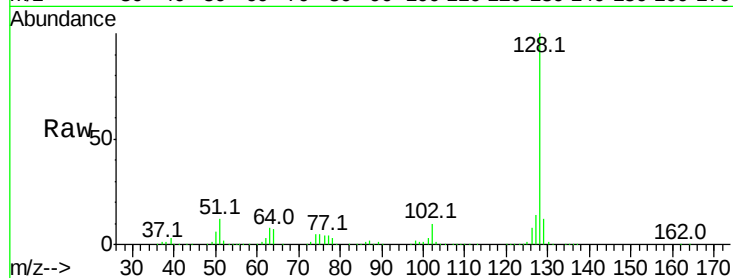
128 100

129 11.6 8.6 13.0

127 13.8 10.8 16.2

Manual Integrations
APPROVED

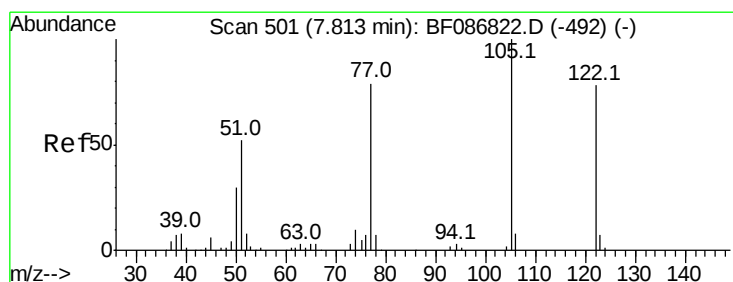
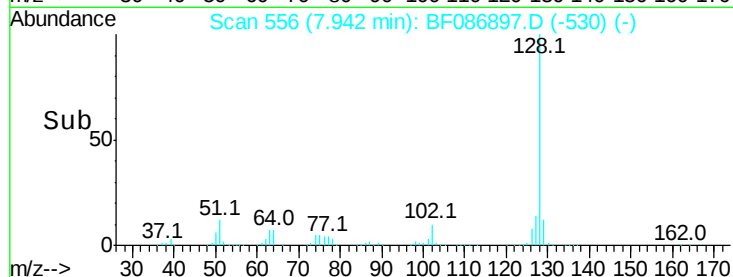
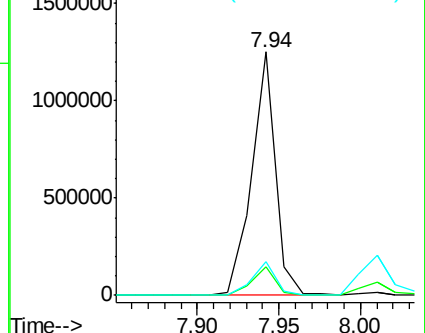
umangi
5/12/2016 9:10:01 AM



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: 5.89 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

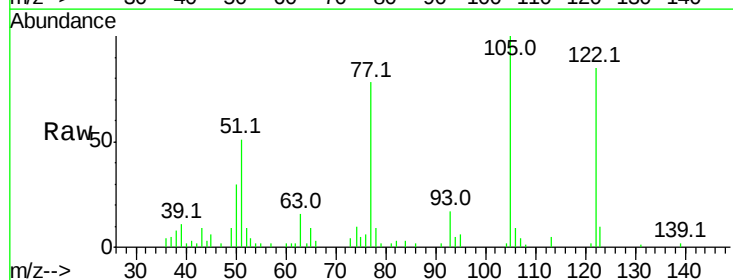
Tgt Ion:122 Resp: 39709

Ion Ratio Lower Upper

122 100

105 118.3 92.6 132.6

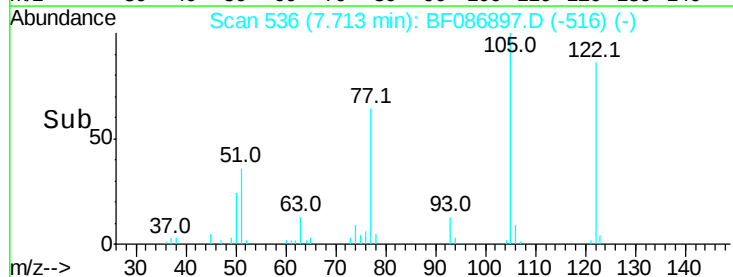
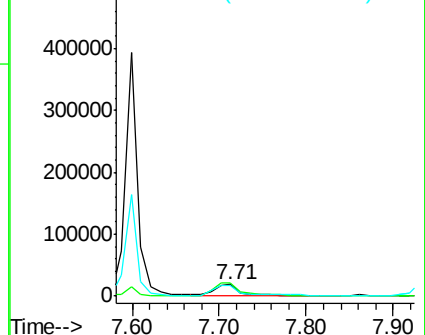
77 91.9 60.0 100.0

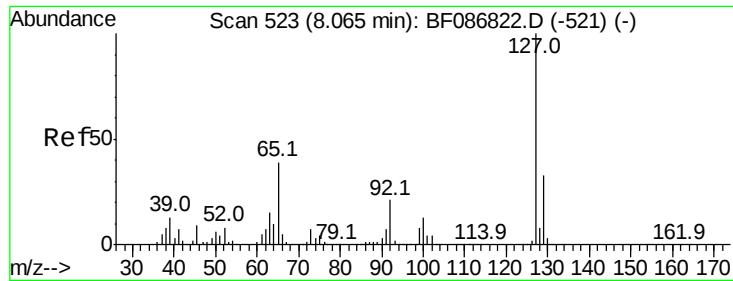


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





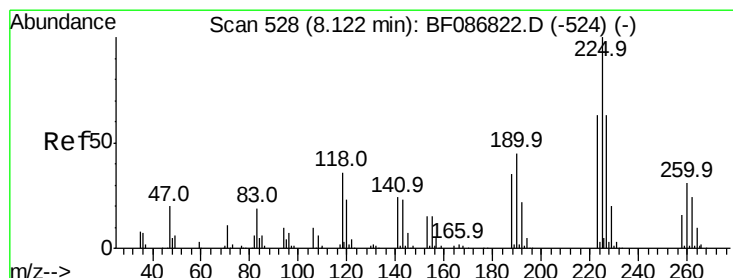
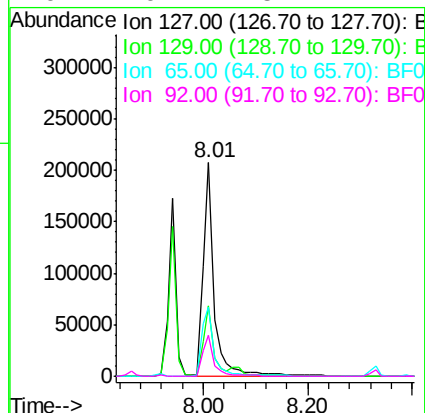
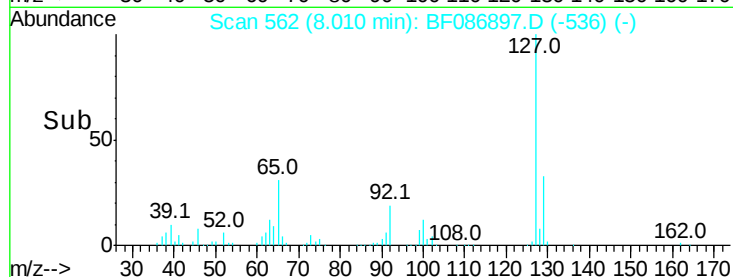
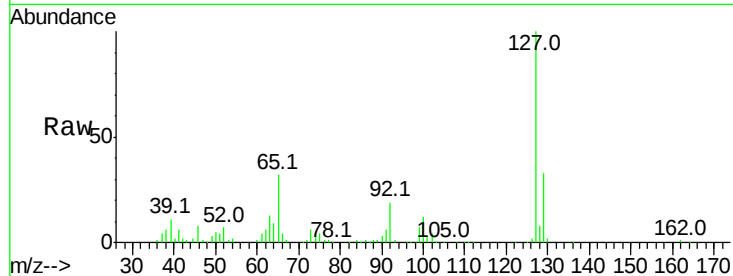
#33
4-Chloroaniline
Concen: 20.68 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	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	

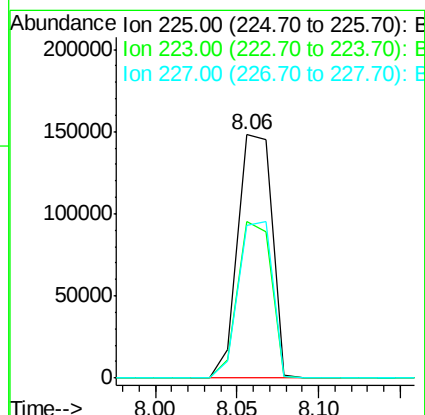
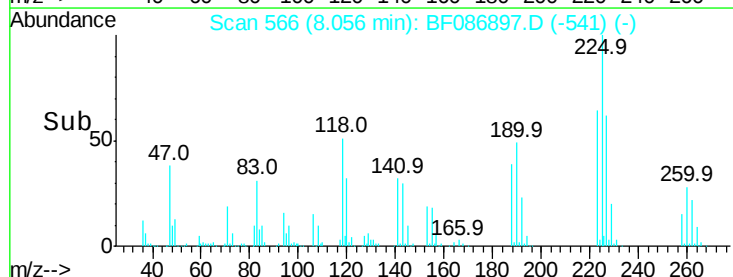
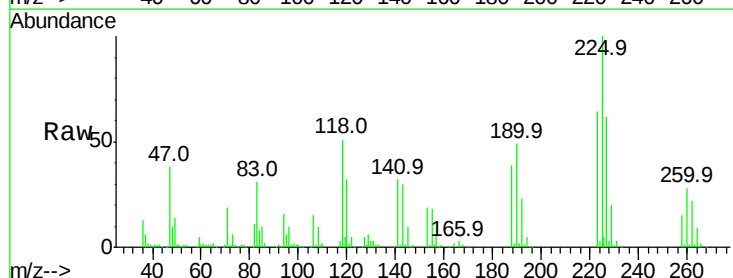
Manual Integrations
APPROVED

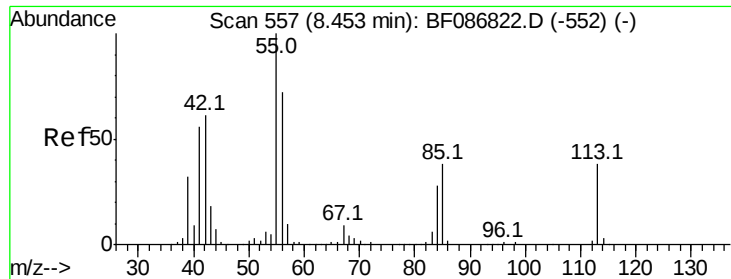
umangi
5/12/2016 9:10:01 AM



#34
Hexachlorobutadiene
Concen: 32.67 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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





#35

Caprolactam

Concen: 32.21 ng/ml

RT: 8.39 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

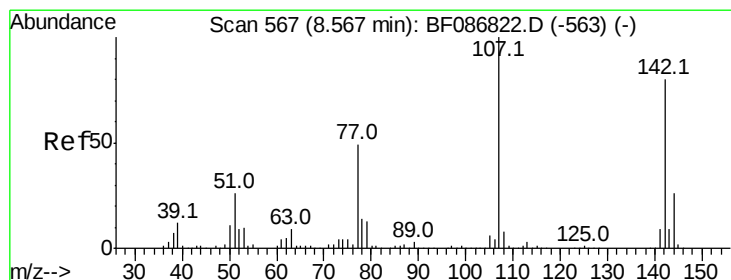
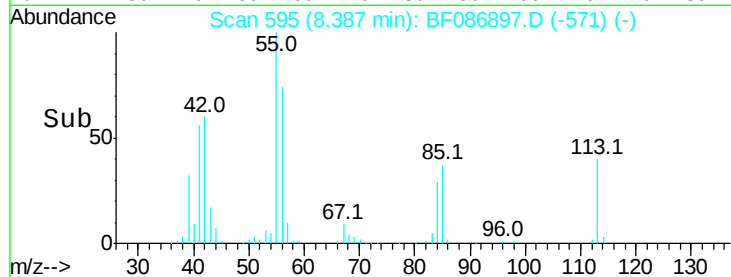
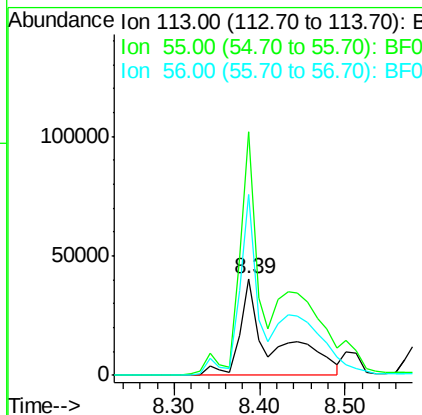
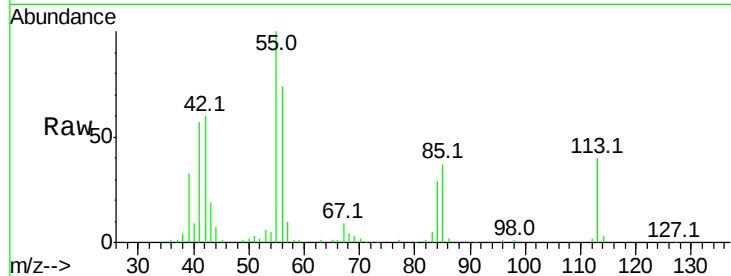
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	113	Resp:	110788
Ion Ratio	Lower	Upper	
113	100		
55	251.5	162.0	202.0#
56	186.6	115.3	155.3#

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#36

4-Chloro-3-methylphenol

Concen: 34.51 ng/ml

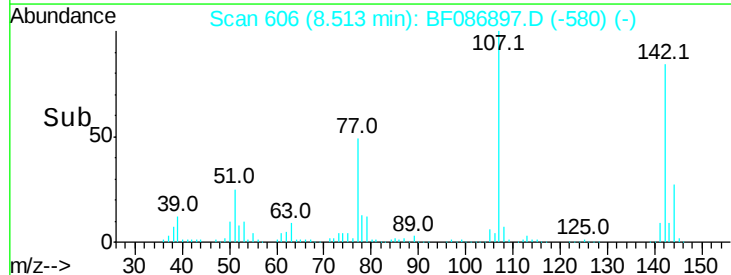
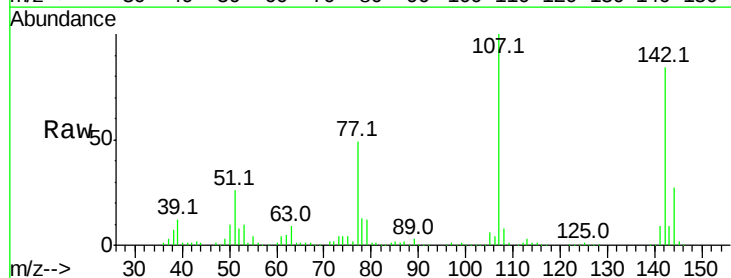
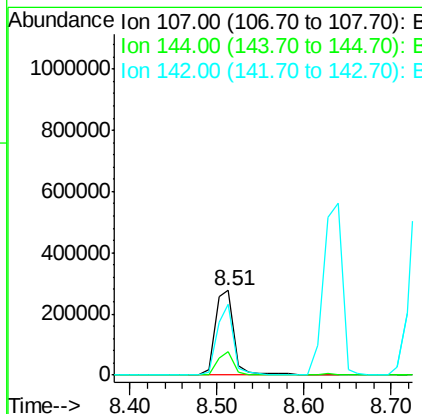
RT: 8.51 min Scan# 606

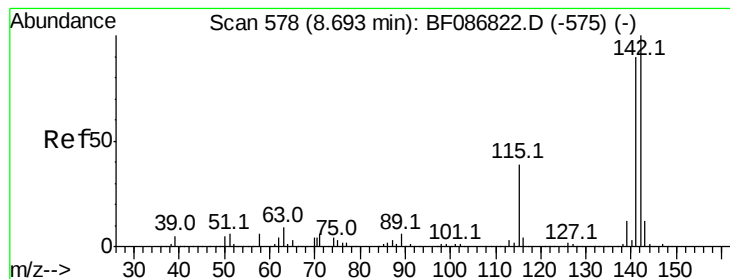
Delta R.T. -0.00 min

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





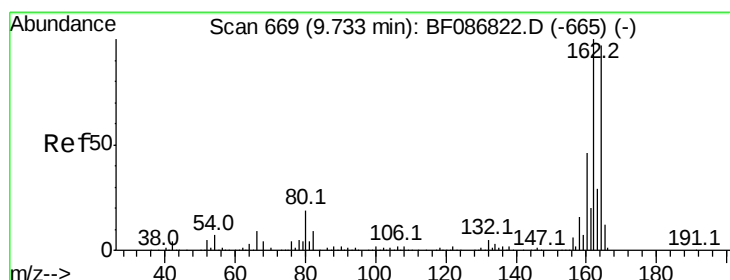
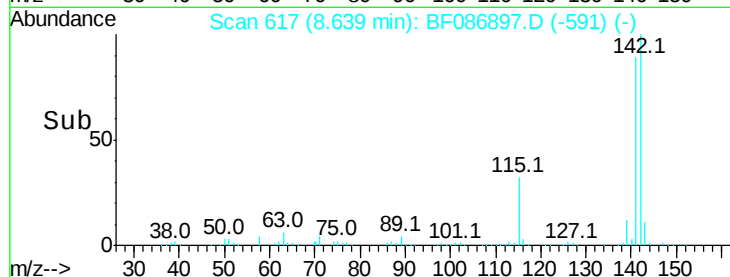
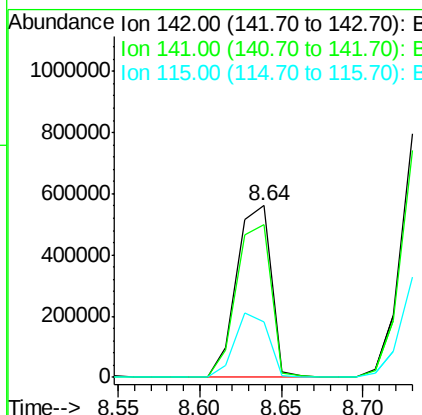
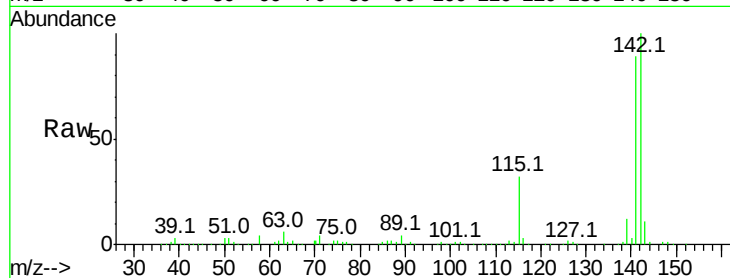
#37
2-Methylnaphthalene
Concen: 37.36 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	32.4	26.6	39.8

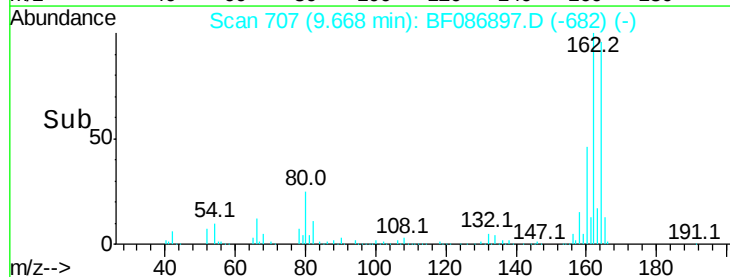
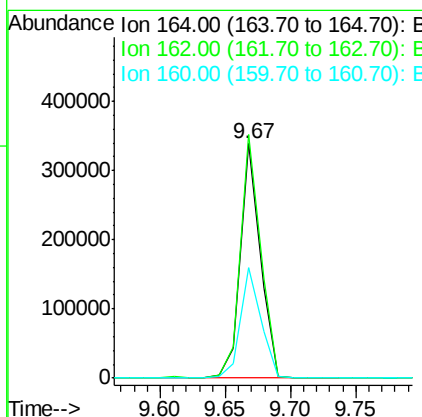
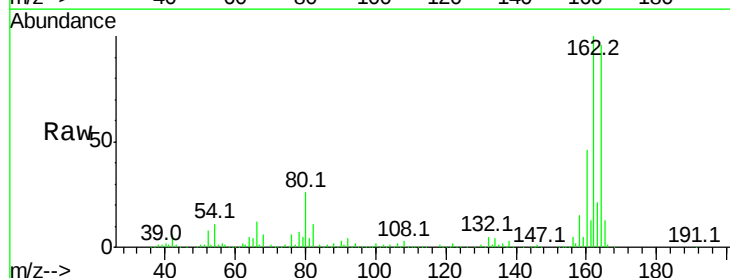
Manual Integrations
APPROVED

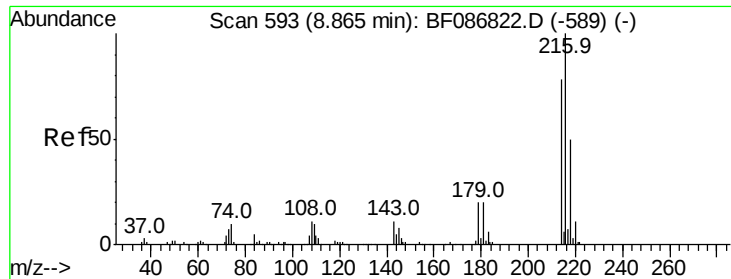
umangi
5/12/2016 9:10:01 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	47.3	36.9	55.3





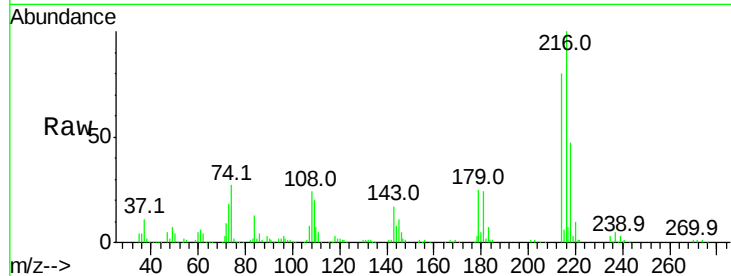
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.23 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

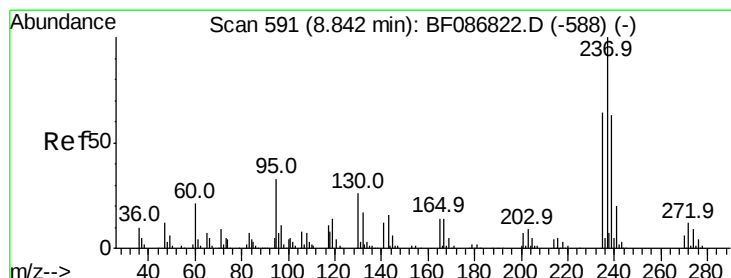
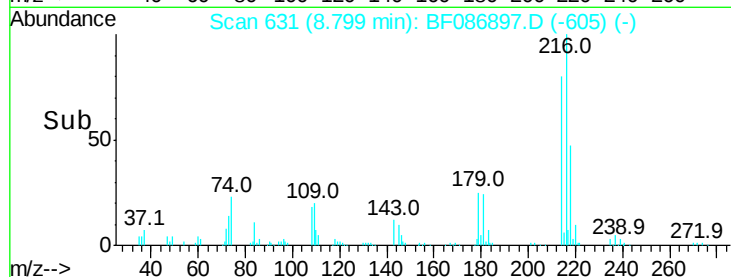
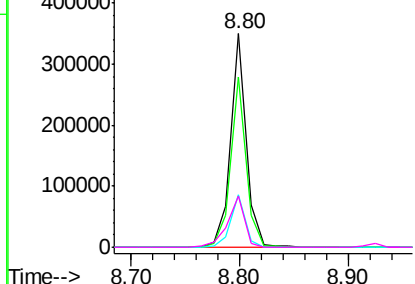
Tot Ion	Ratio	Resp	Lower	Upper
216	100	344441		
214	78.8	62.6	93.8	
179	23.6	18.2	27.4	
108	26.7	17.5	26.3	

Manual Integrations
 APPROVED

umangi
 5/12/2016 9:10:01 AM

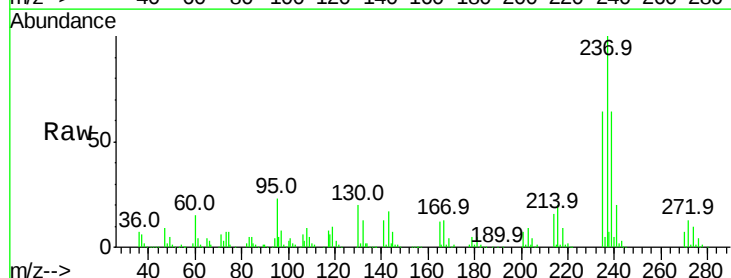


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

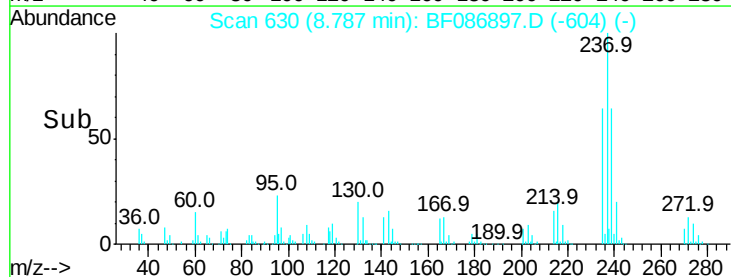
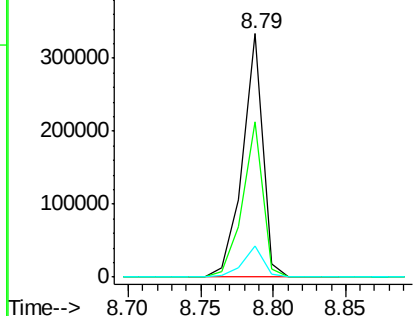


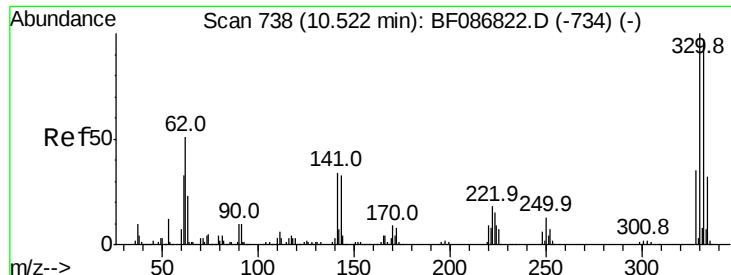
#40
 Hexachlorocyclopentadiene
 Concen: 65.88 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	324160		
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





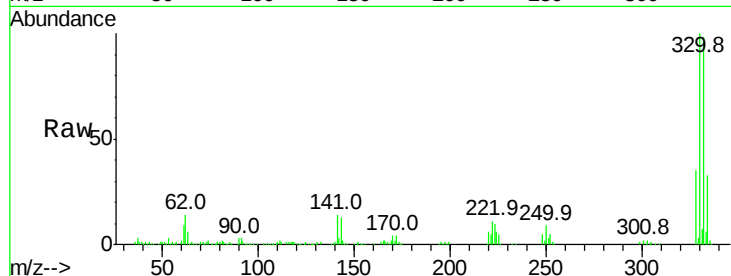
#41
 2,4,6-Tribromophenol
 Concen: 116.12 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

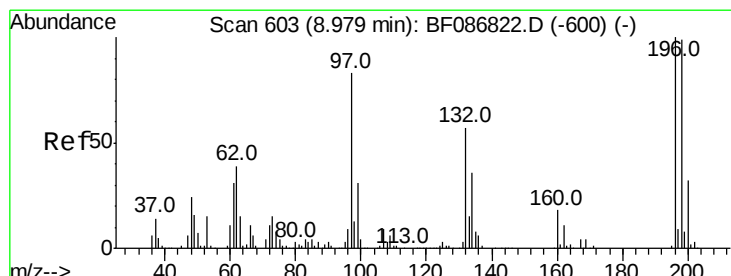
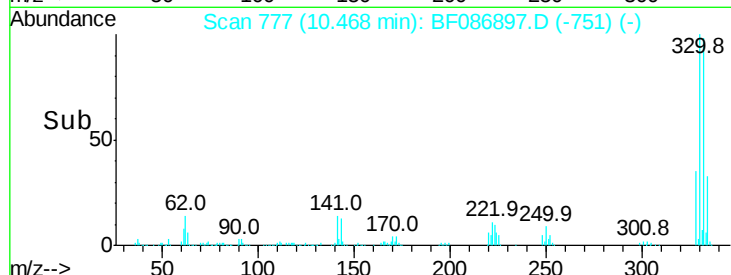
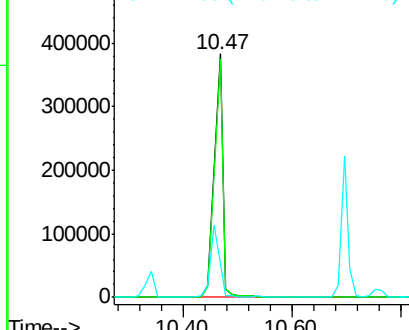
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	30.4	31.2	46.8

Manual Integrations
 APPROVED

umangi
 5/12/2016 9:10:01 AM

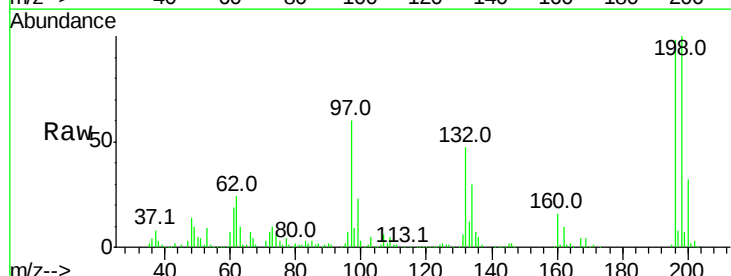


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

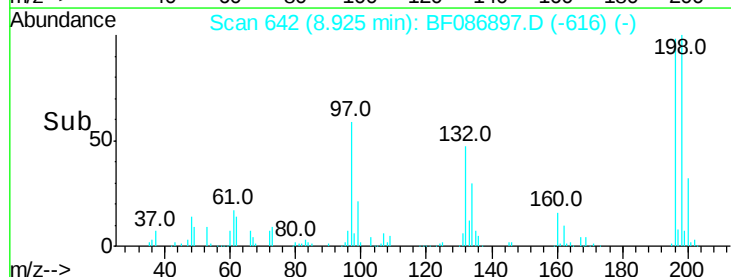
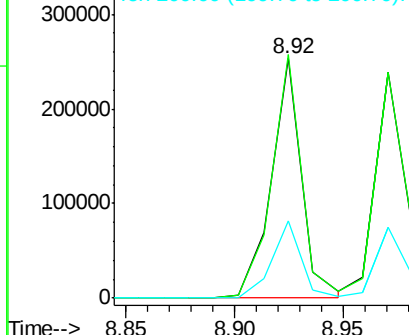


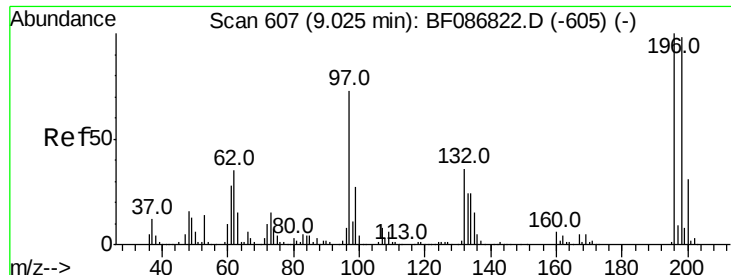
#42
 2,4,6-Trichlorophenol
 Concen: 35.60 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt 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





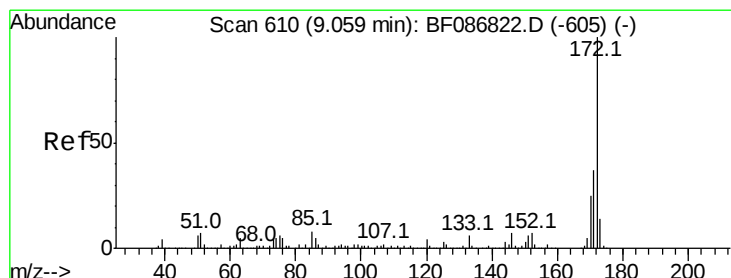
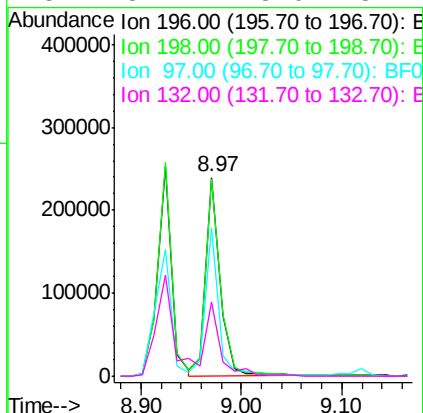
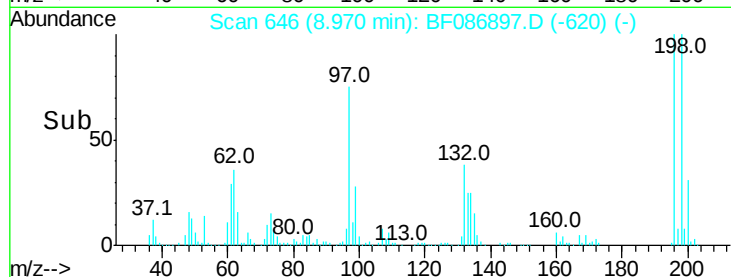
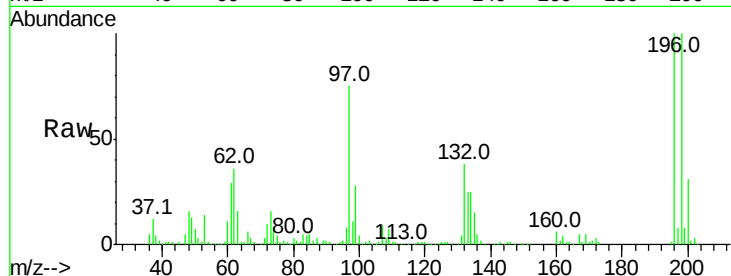
#43
 2,4,5-Trichlorophenol
 Concen: 34.04 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

Manual Integrations
 APPROVED

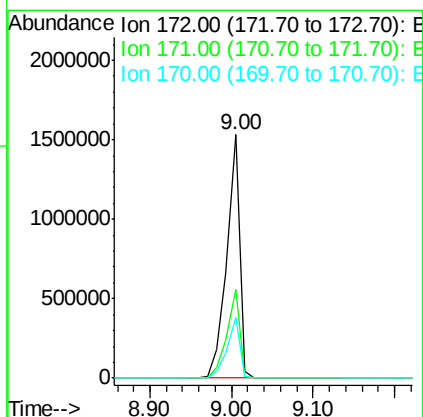
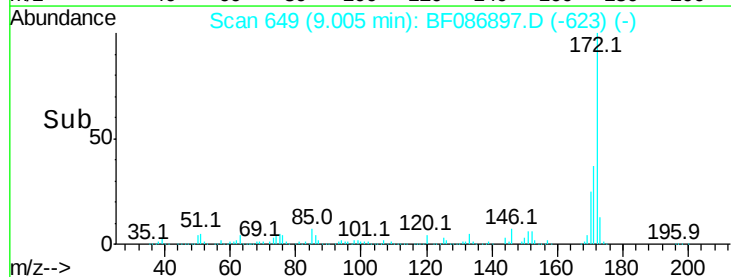
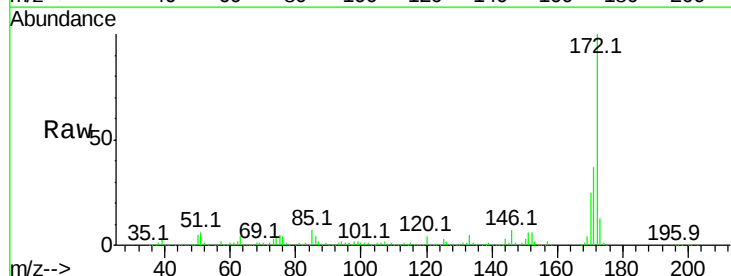
umangi
 5/12/2016 9:10:01 AM

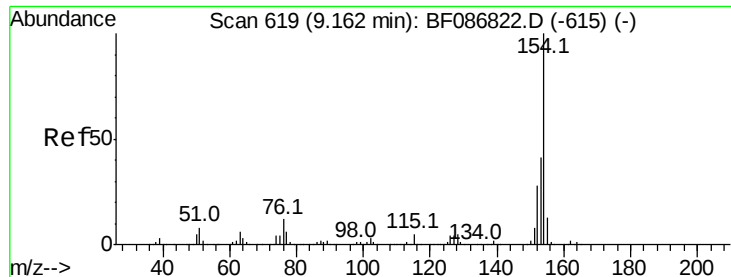
Tot Ion	Ratio	Resp	Lower	Upper
196	100	244014		
198	99.7	77.5	116.3	
97	75.0	34.8	52.2	#
132	37.7	23.0	34.4	#



#44
 2-Fluorobiphenyl
 Concen: 78.27 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1660516		
171	36.6	29.0	43.6	
170	24.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 34.20 ng

RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

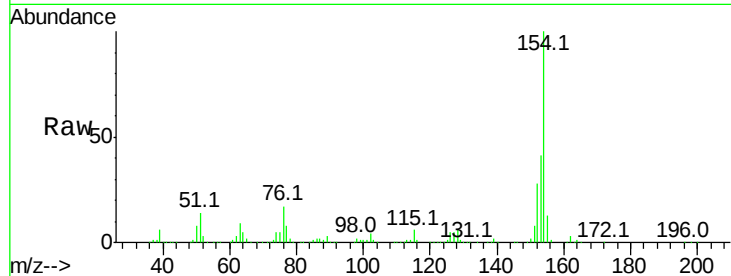
ClientSampleId :

TILCON-MH-SF-003MS

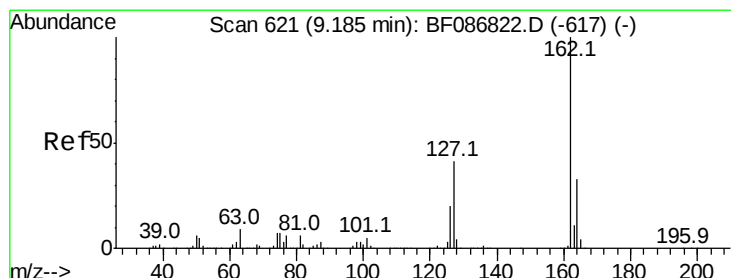
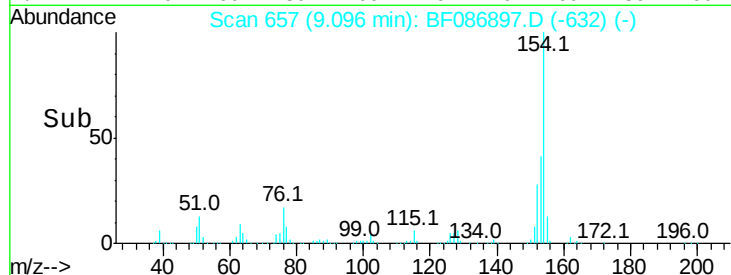
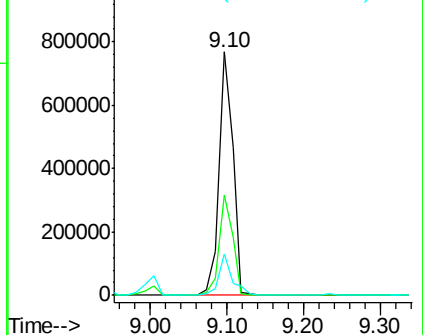
Tot Ion:	154	Resp:	969950
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.3	60.3
76	16.7	0.0	30.2

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



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

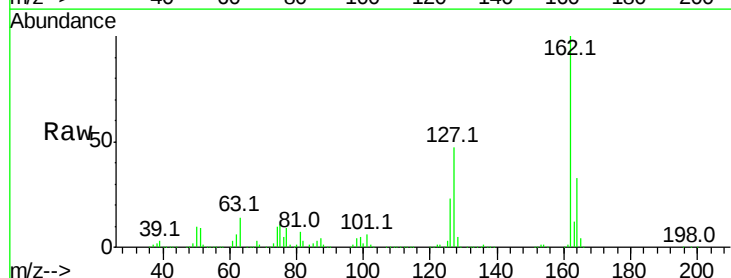
RT: 9.12 min Scan# 659

Delta R.T. -0.01 min

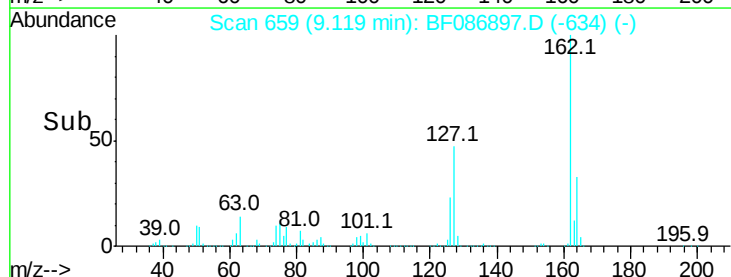
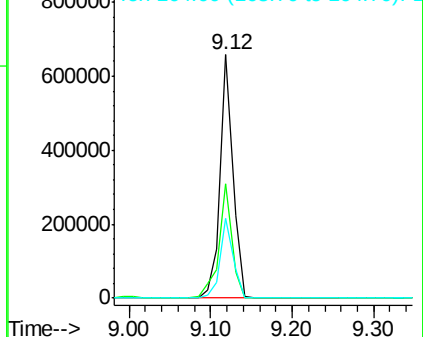
Lab File: BF086897.D

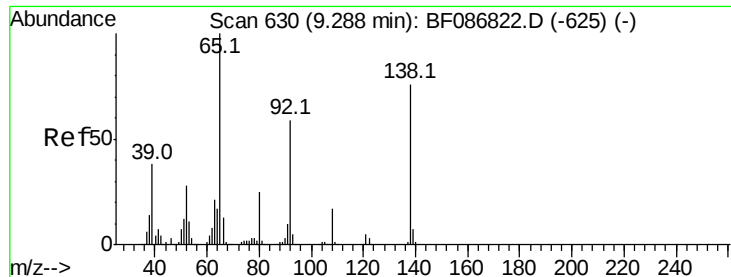
Acq: 11 May 2016 19:38

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. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

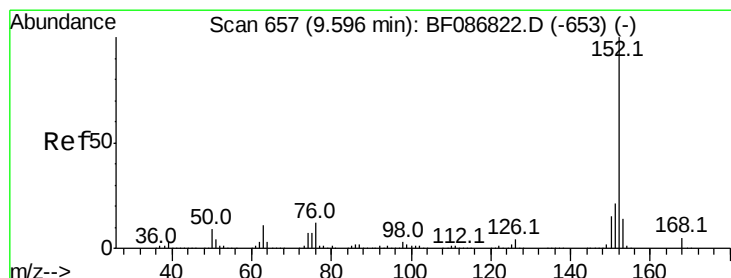
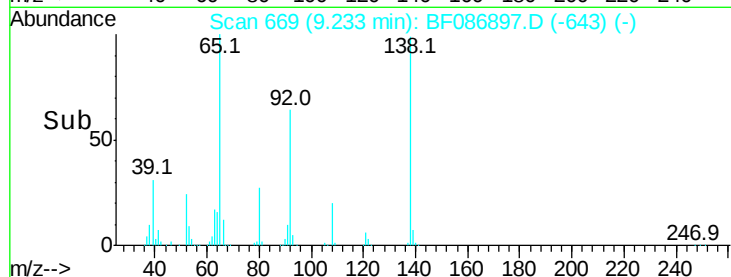
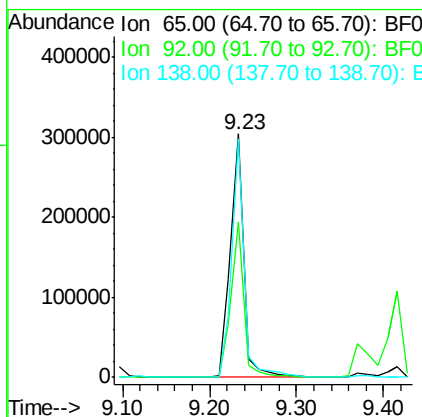
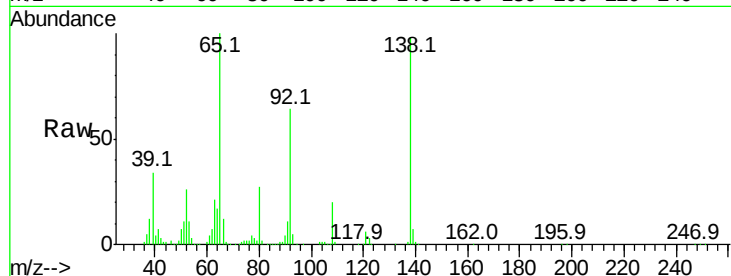
TILCON-MH-SF-003MS

Manual Integrations
APPROVED

umangi

5/12/2016 9:10:01 AM

Tot 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

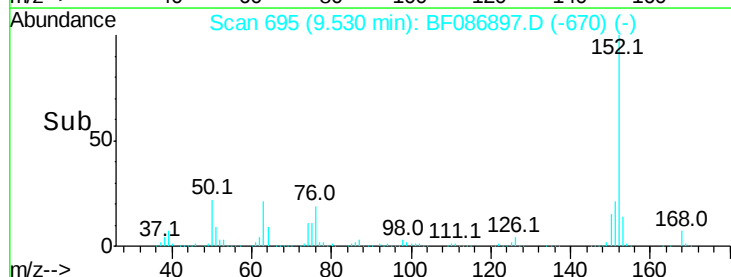
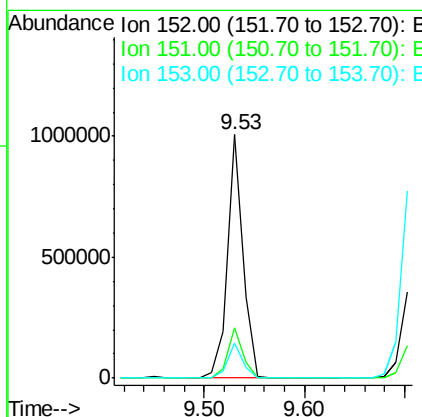
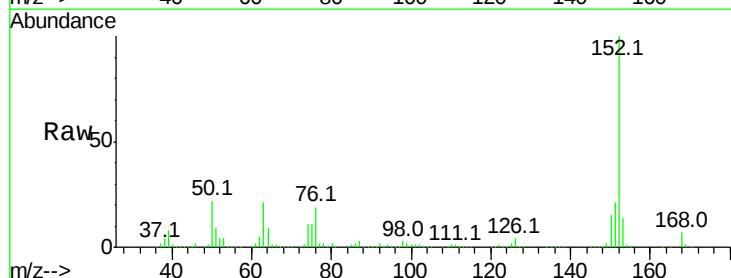
RT: 9.53 min Scan# 695

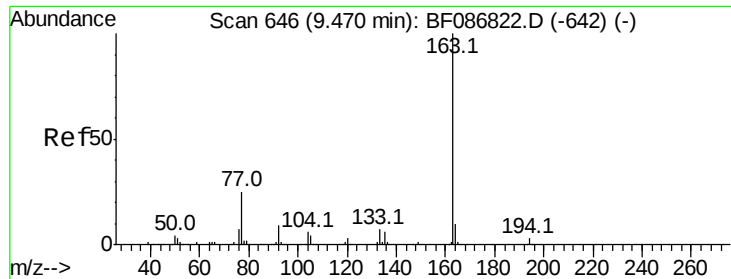
Delta R.T. -0.01 min

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





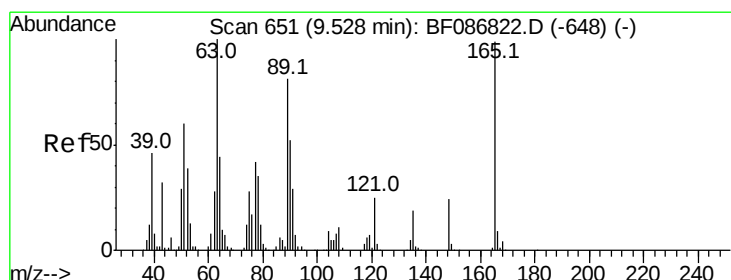
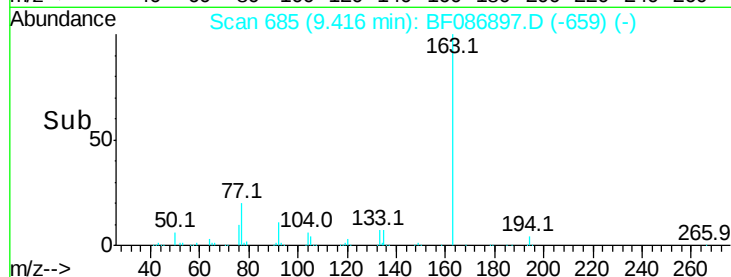
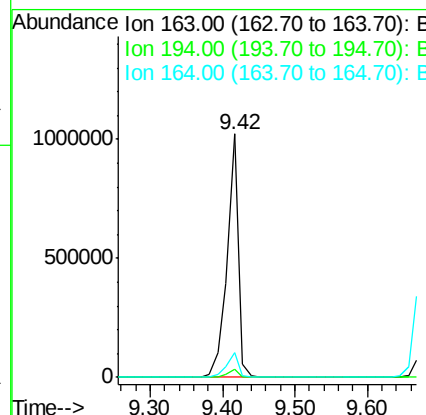
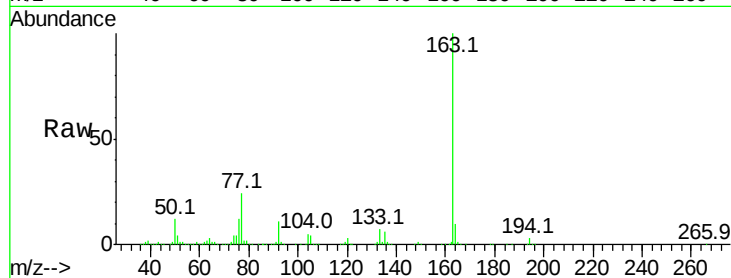
#49
Dimethylphthalate
Concen: 40.61 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

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

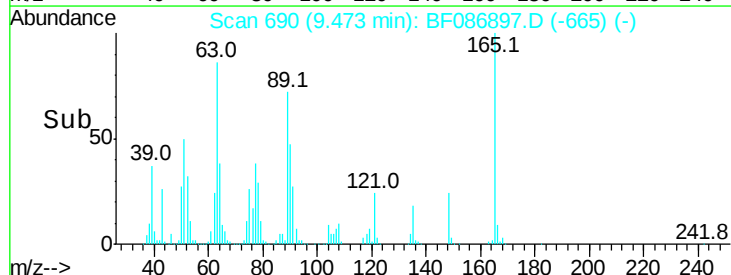
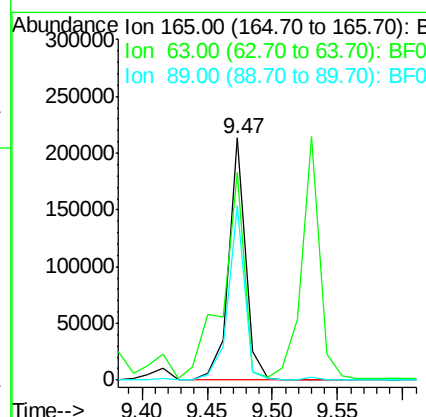
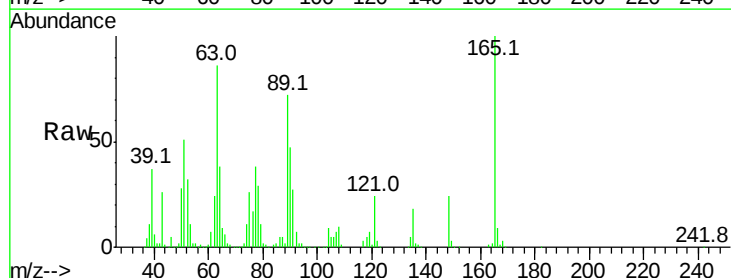
Manual Integrations
APPROVED

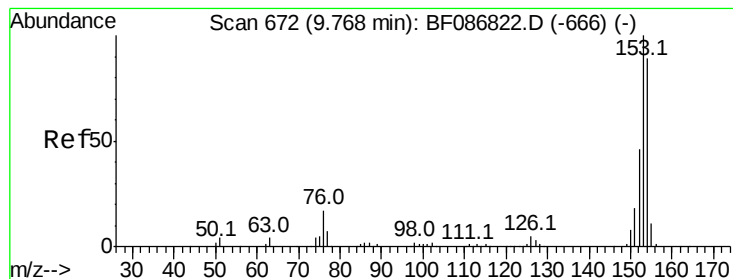
umangi
5/12/2016 9:10:01 AM



#50
2,6-Dinitrotoluene
Concen: 33.78 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 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. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

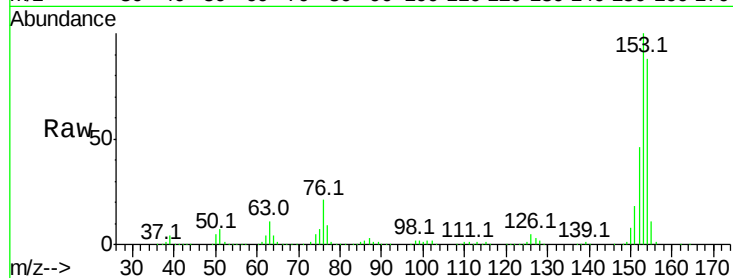
ClientSampleId :

TILCON-MH-SF-003MS

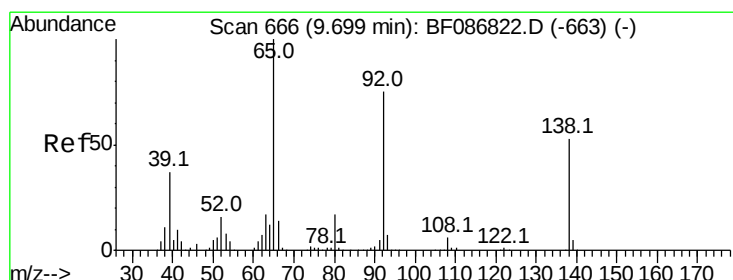
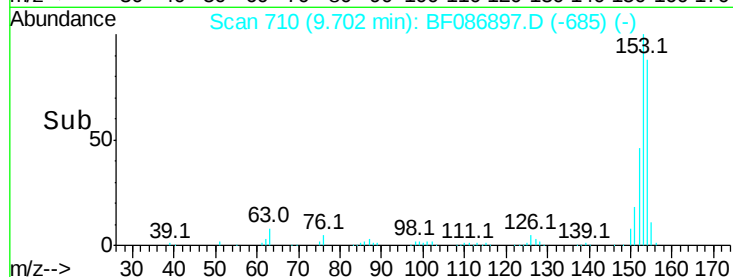
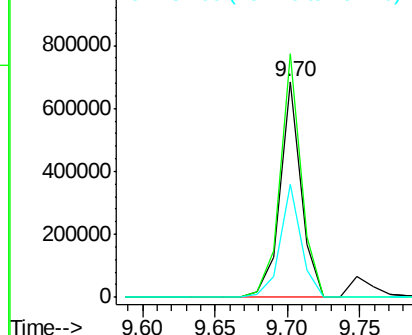
Tot Ion:	154	Resp:	687754
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	52.3	43.4	65.0

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



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

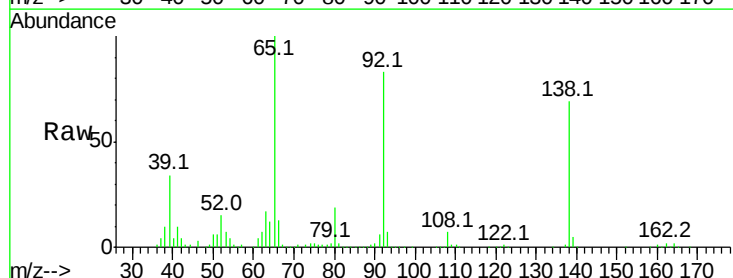
RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

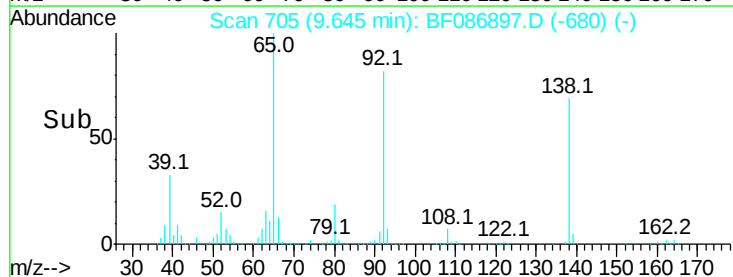
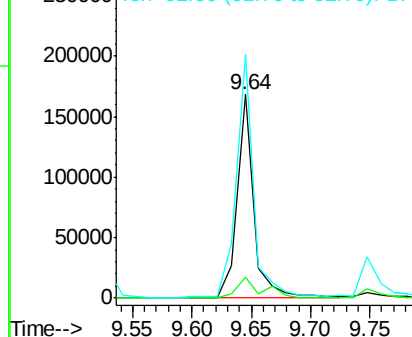
Lab File: BF086897.D

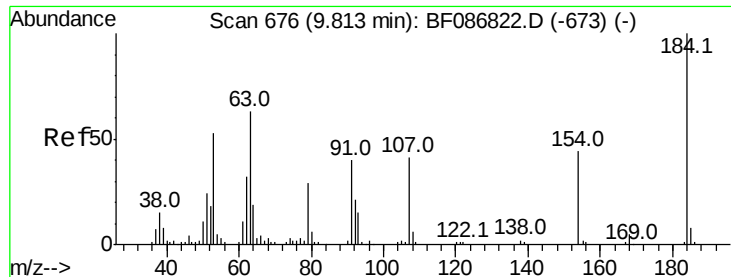
Acq: 11 May 2016 19:38

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





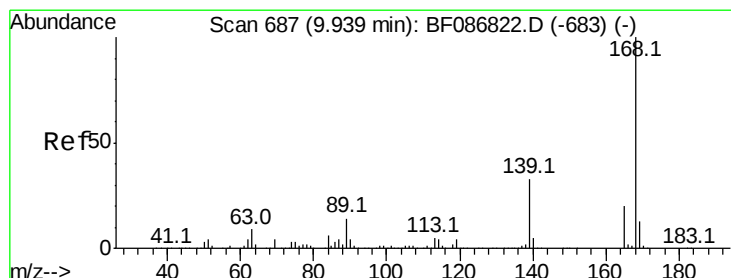
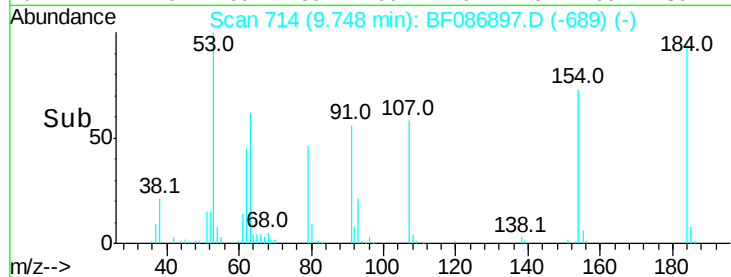
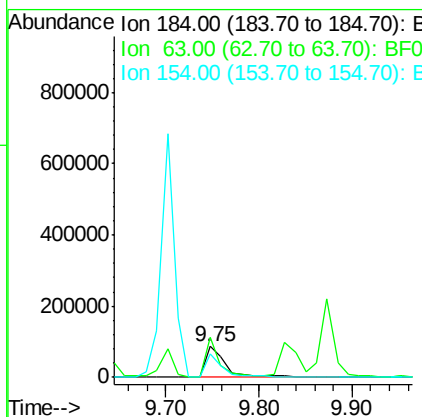
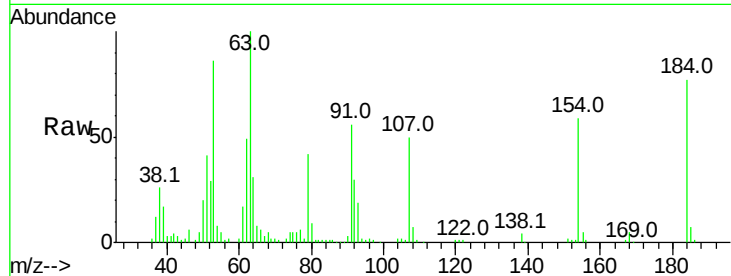
#53
 2,4-Dinitrophenol
 Concen: 48.72 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

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

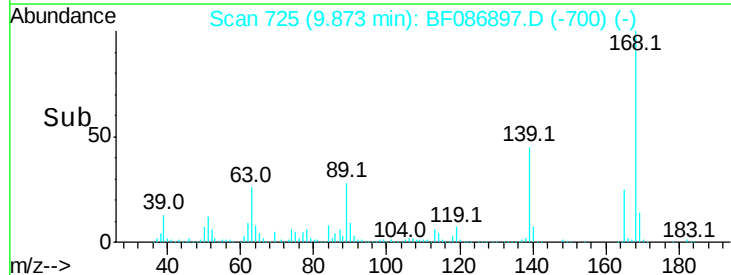
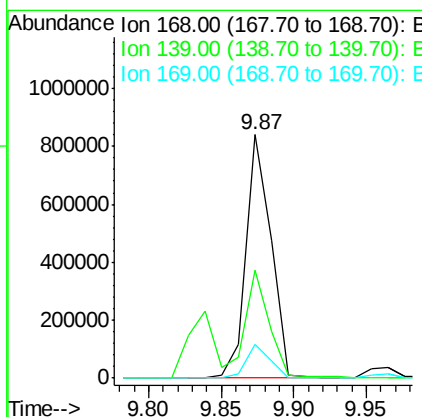
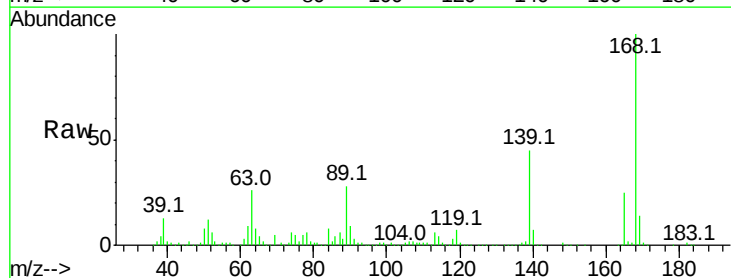
Manual Integrations
 APPROVED

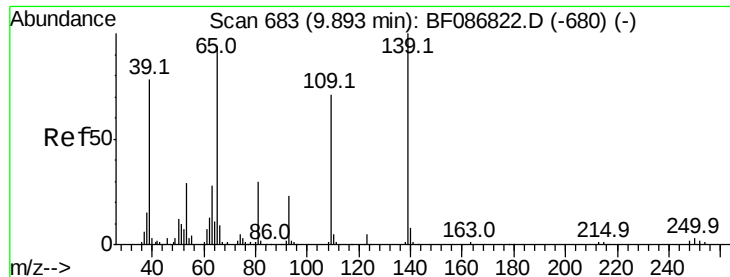
umangi
 5/12/2016 9:10:01 AM



#54
 Dibenzofuran
 Concen: 38.31 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	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. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

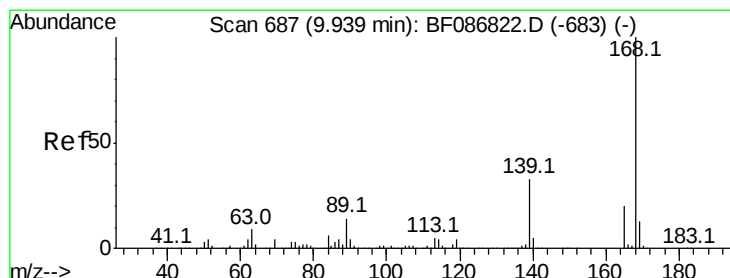
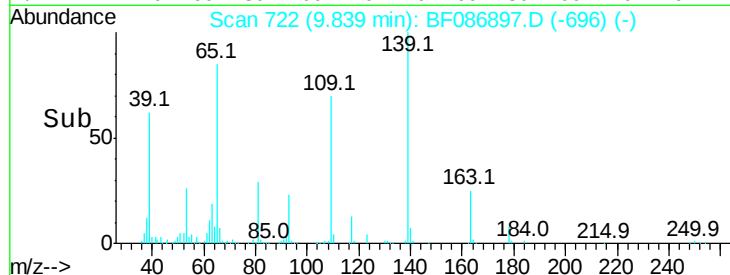
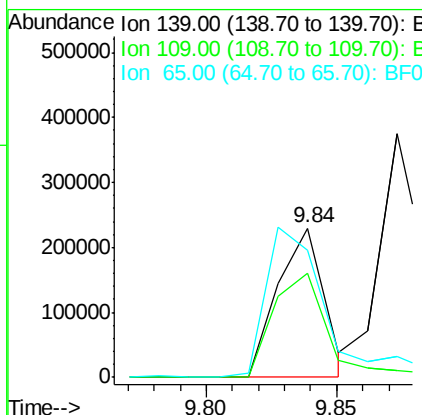
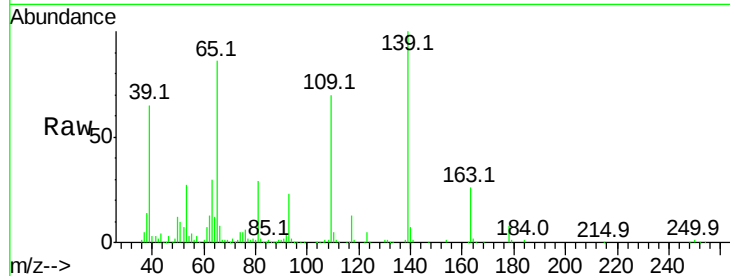
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	139	Resp:	283821
Ion Ratio	Lower	Upper	
139	100		
109	70.1	36.9	76.9
65	85.6	64.0	104.0

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#56

2,4-Dinitrotoluene

Concen: 32.04 ng

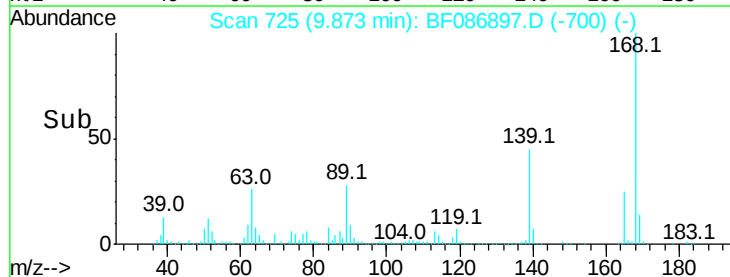
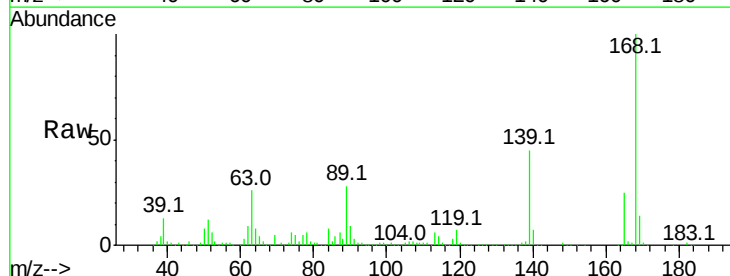
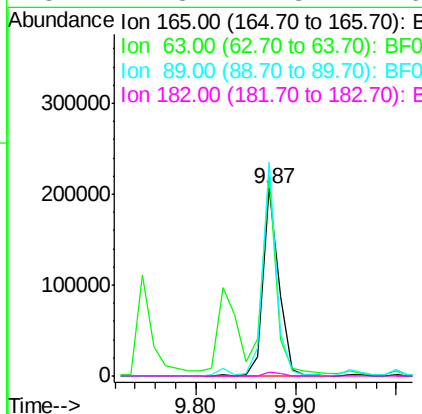
RT: 9.87 min Scan# 725

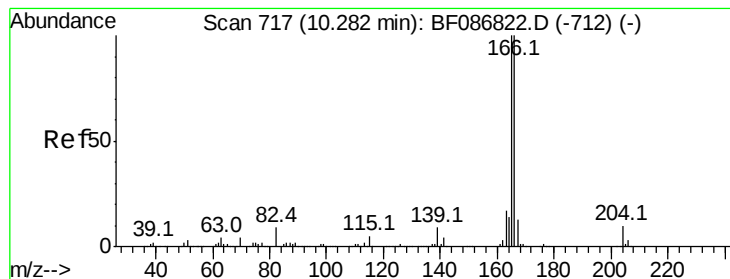
Delta R.T. -0.01 min

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





#57

Fluorene

Concen: 32.92 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

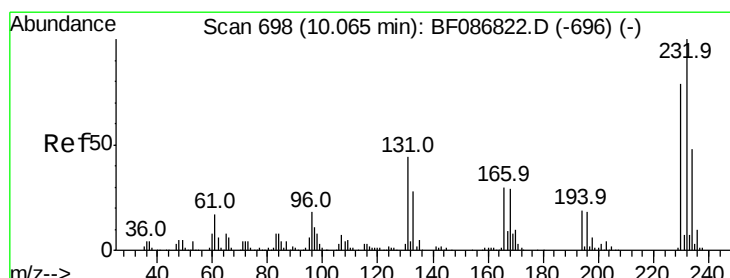
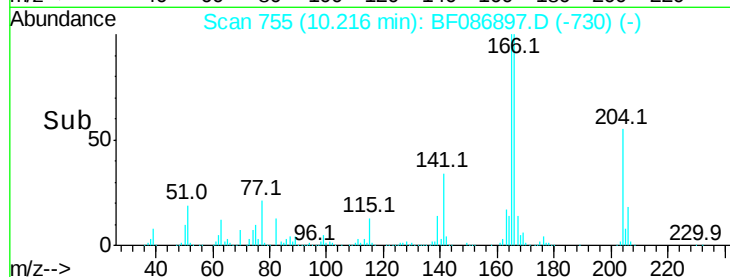
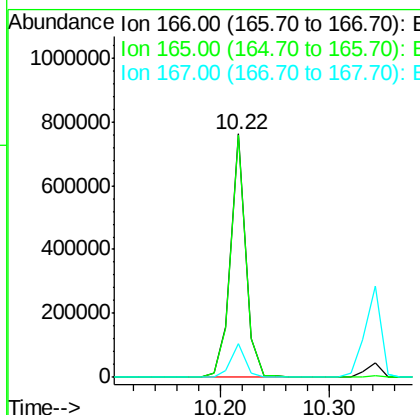
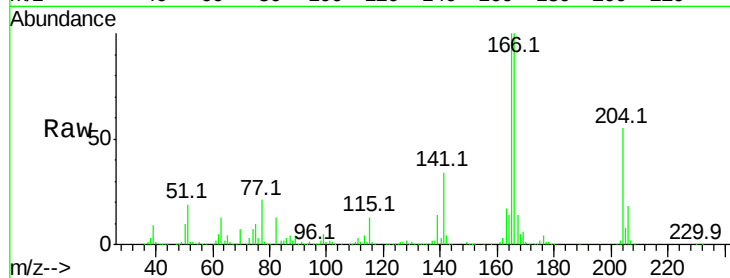
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	166	Resp:	732744
Ion Ratio	Lower	Upper	
166	100		
165	99.8	79.0	118.6
167	13.8	10.6	15.8

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.52 ng

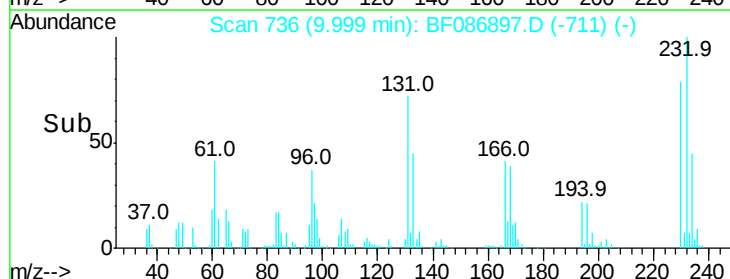
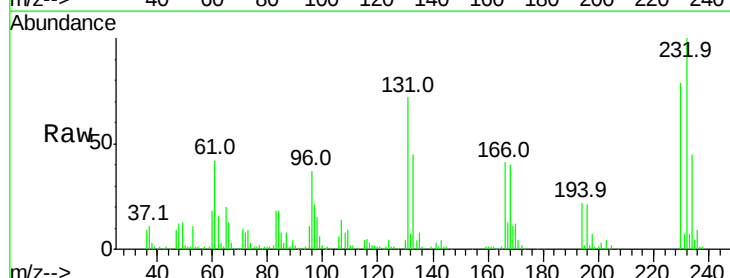
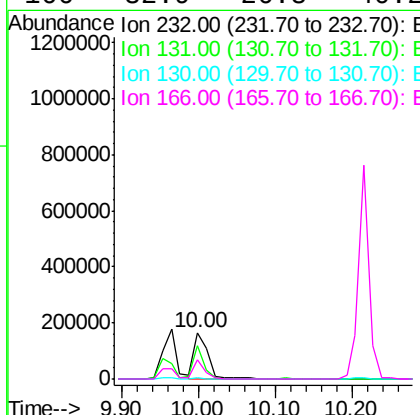
RT: 10.00 min Scan# 736

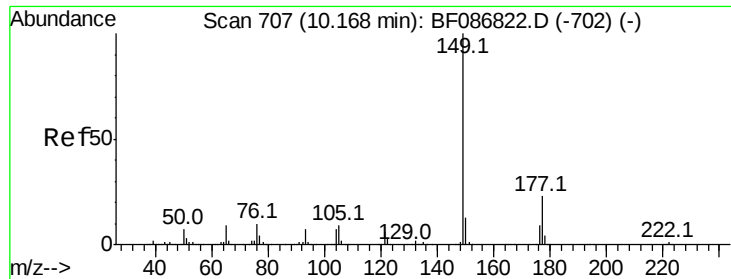
Delta R.T. -0.01 min

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





#59

Diethylphthalate

Concen: 36.28 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

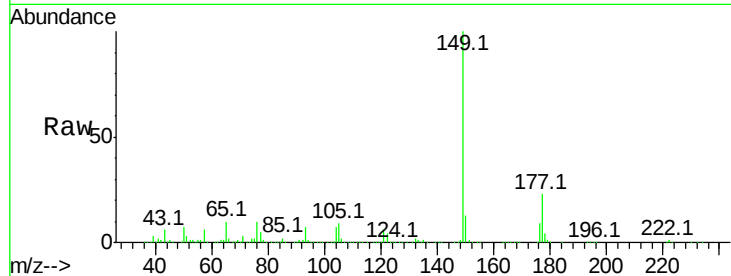
ClientSampleId :

TILCON-MH-SF-003MS

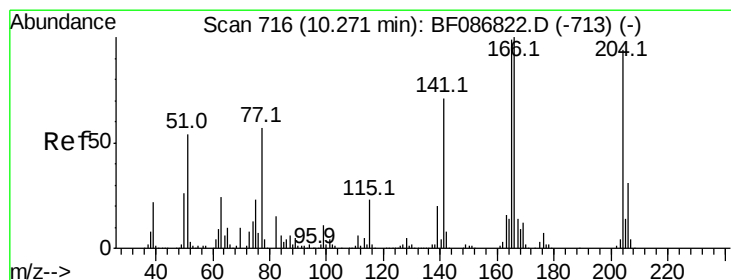
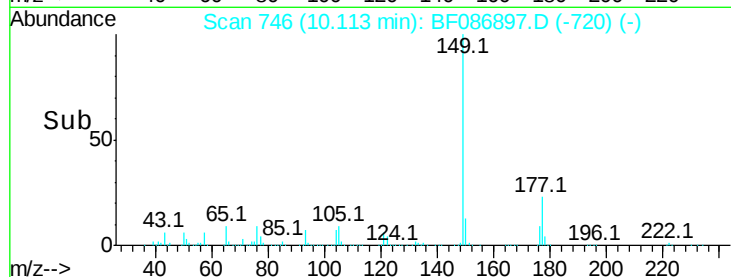
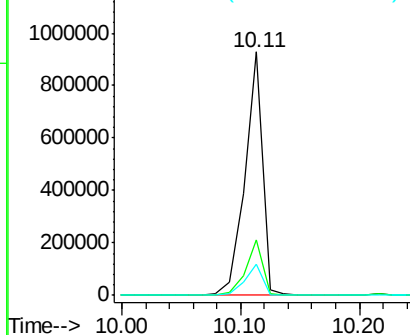
Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM

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



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.17 ng

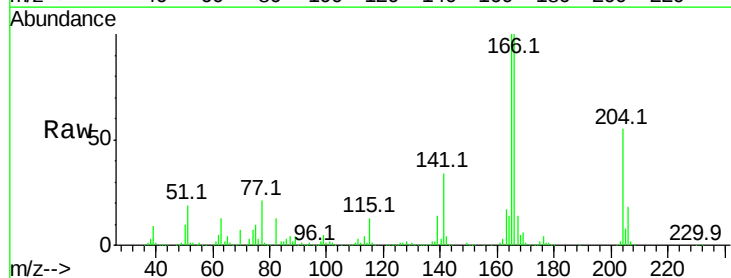
RT: 10.22 min Scan# 755

Delta R.T. -0.00 min

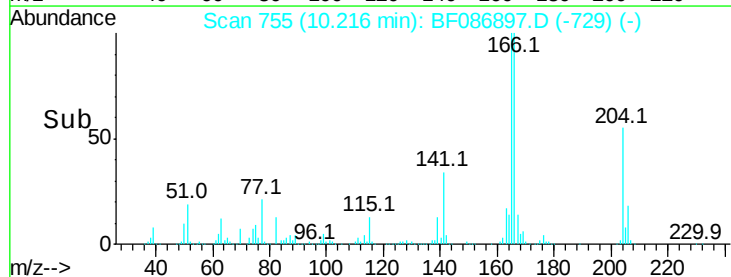
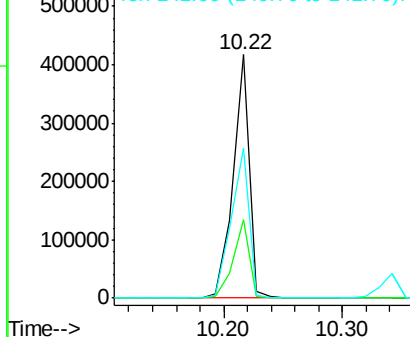
Lab File: BF086897.D

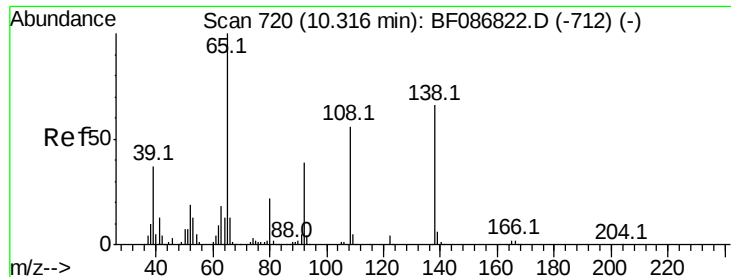
Acq: 11 May 2016 19:38

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#



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





#61

4-Nitroaniline

Concen: 35.45 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

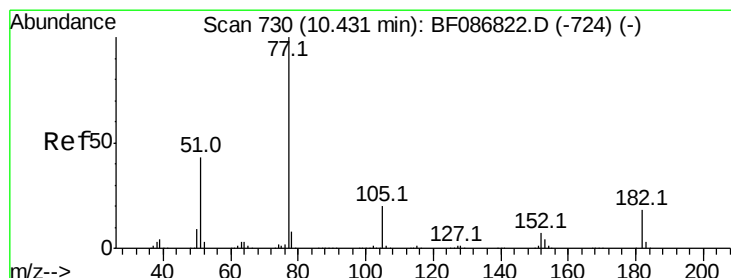
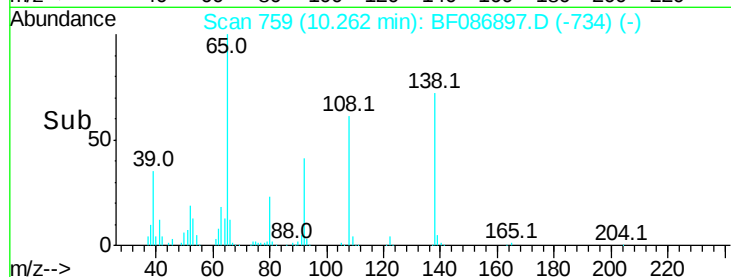
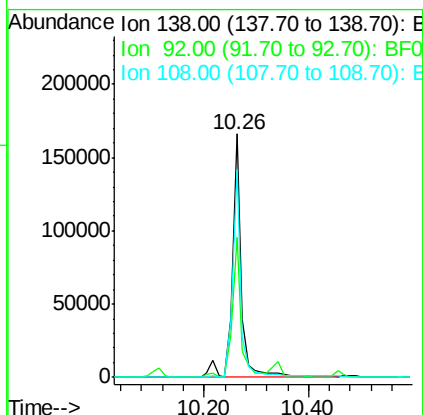
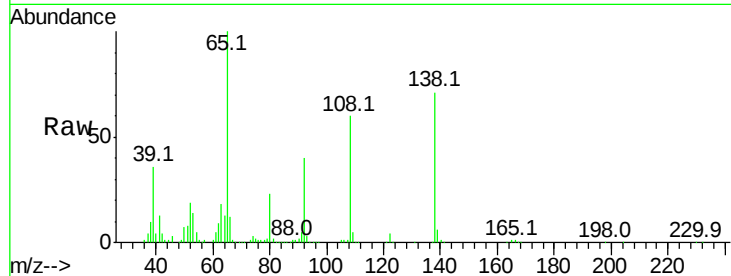
ClientSampleId :

TILCON-MH-SF-003MS

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM

Tot Ion:	138	Resp:	205173
Ion Ratio	Lower	Upper	
138	100		
92	57.3	24.7	64.7
108	85.6	37.4	77.4#



#62

Azobenzene

Concen: 40.32 ng

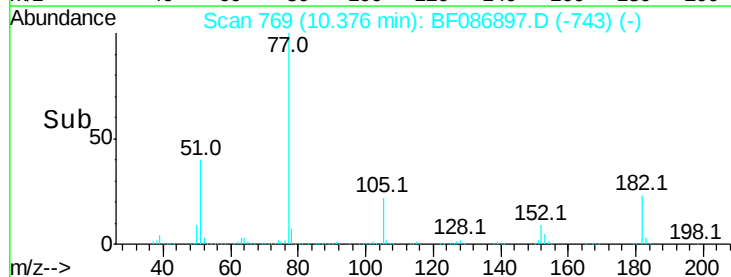
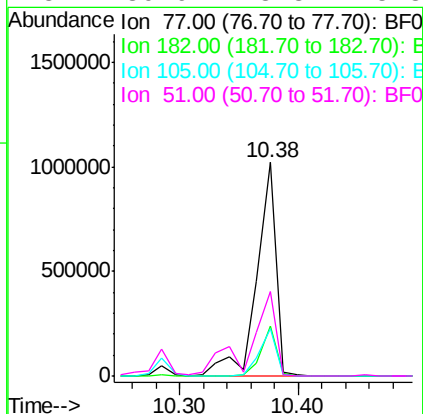
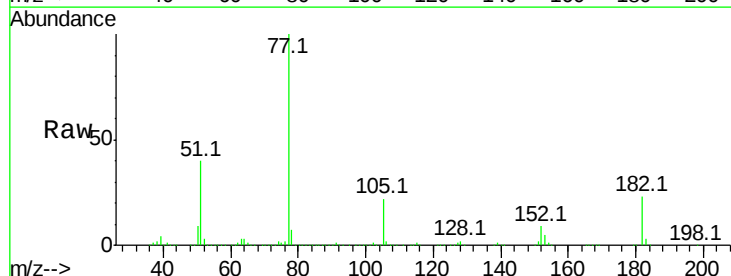
RT: 10.38 min Scan# 769

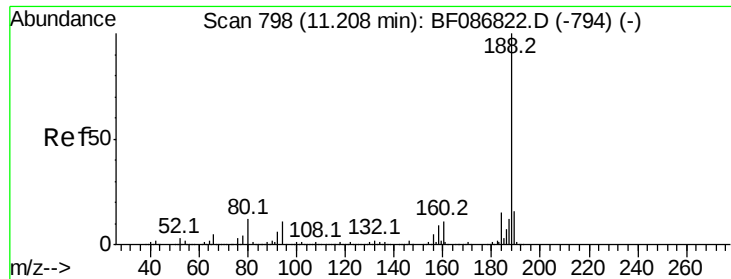
Delta R.T. -0.00 min

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





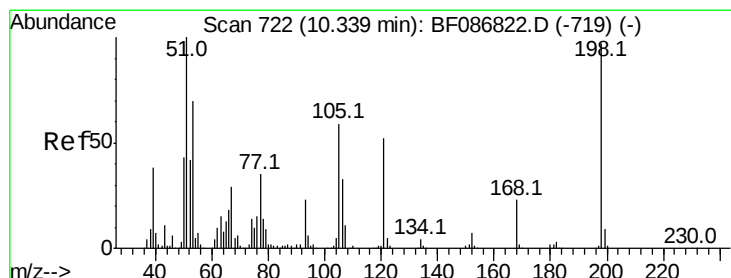
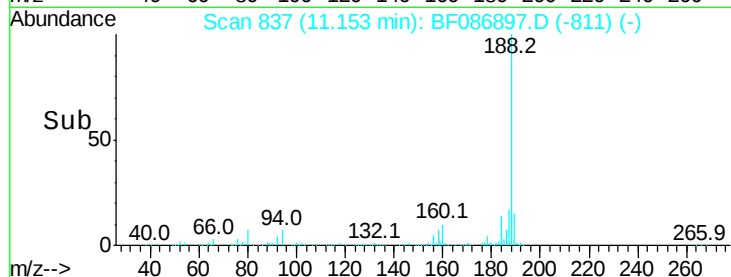
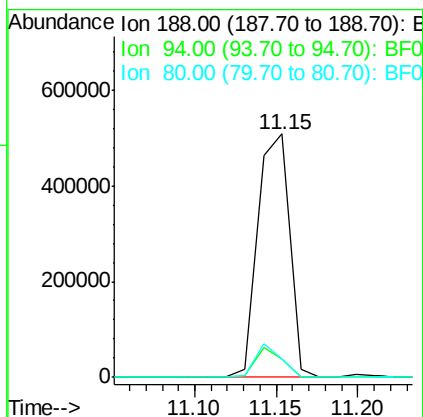
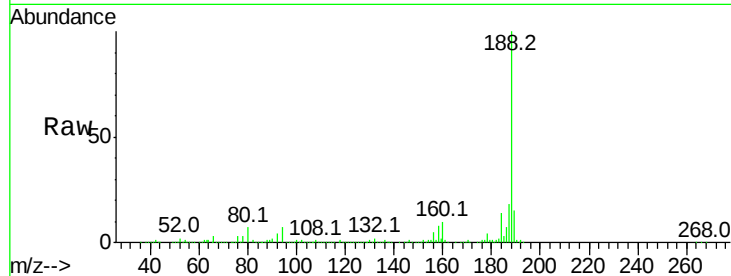
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.3	6.8	10.2
80	7.5	7.1	10.7

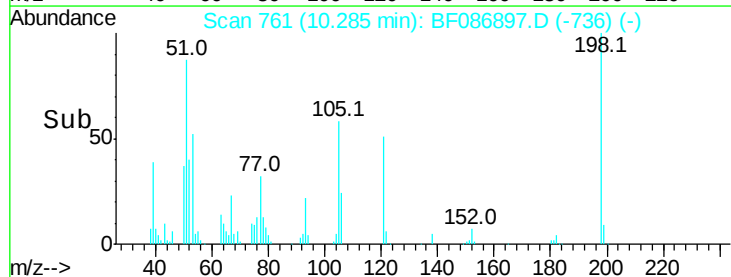
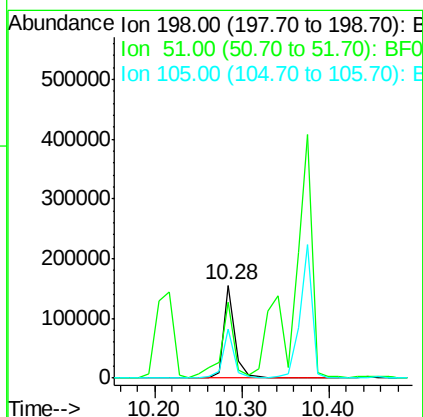
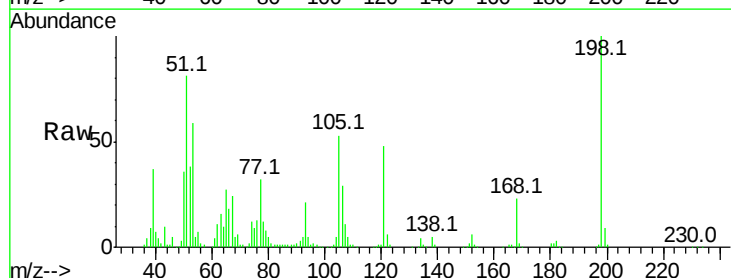
Manual Integrations
APPROVED

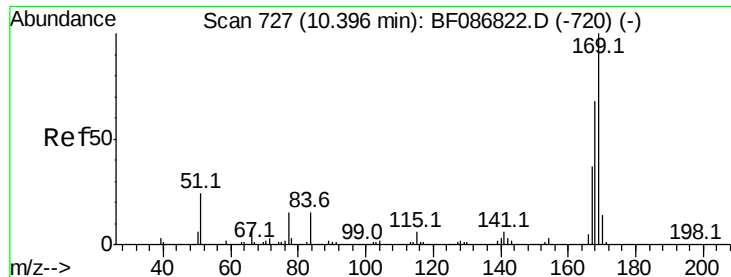
umangi
5/12/2016 9:10:01 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.63 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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





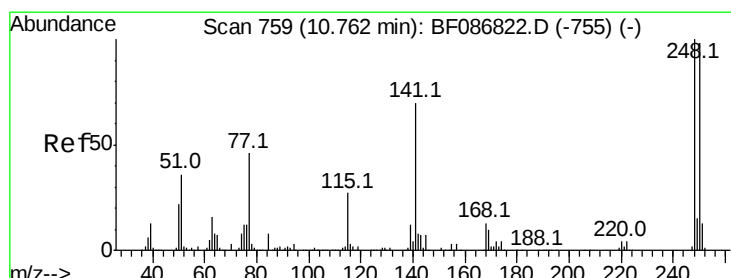
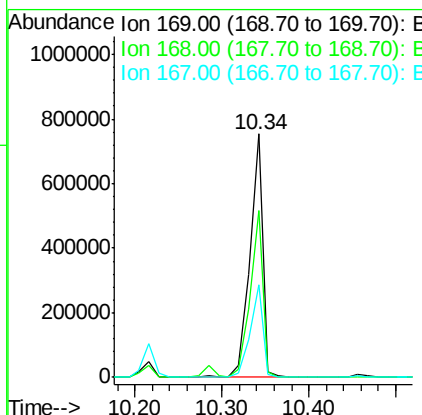
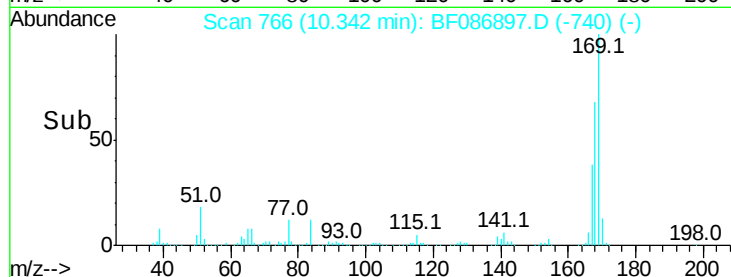
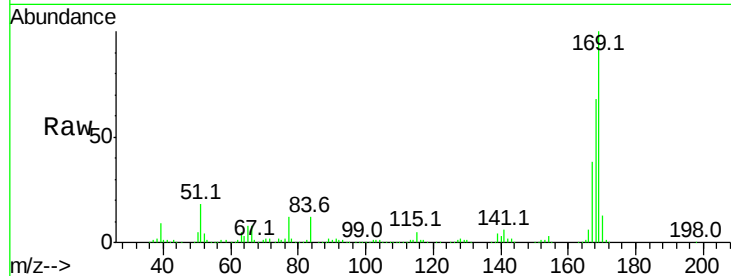
#65
n-Nitrosodiphenylamine
Concen: 36.81 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	782642		
168	68.5	53.8	80.6	
167	38.0	29.5	44.3	

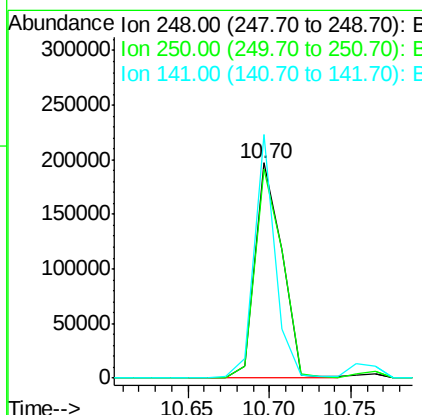
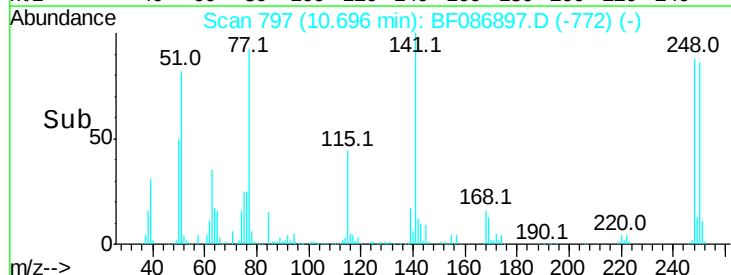
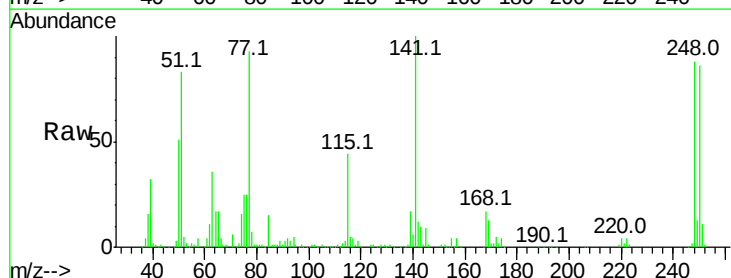
Manual Integrations
APPROVED

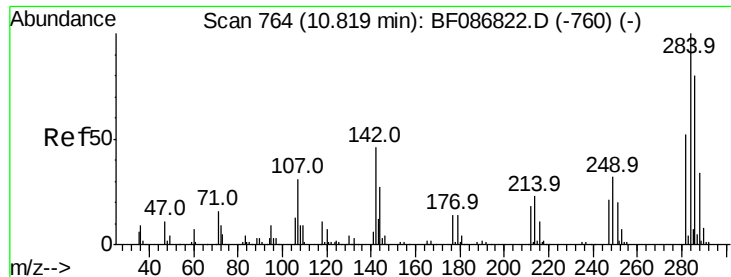
umangi
5/12/2016 9:10:01 AM



#66
4-Bromophenyl-phenylether
Concen: 32.39 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	227240		
250	96.9	78.6	117.8	
141	113.2	76.0	114.0	





#67

Hexachlorobenzene

Concen: 35.57 ng

RT: 10.76 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

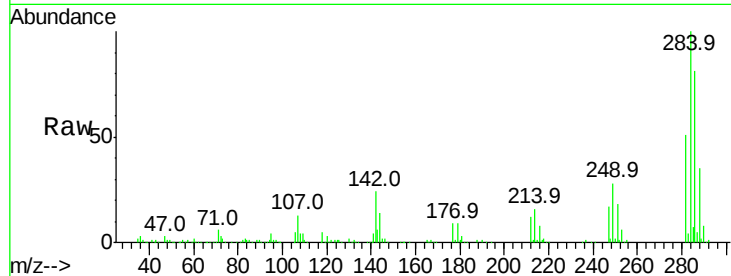
ClientSampleId :

TILCON-MH-SF-003MS

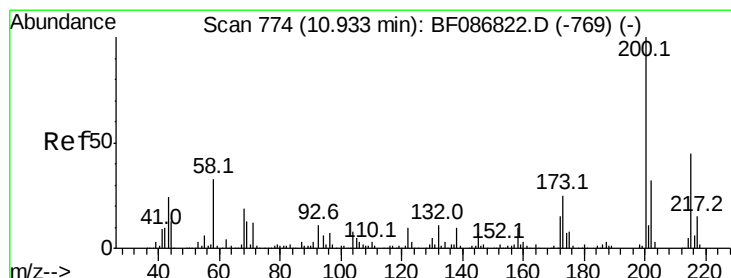
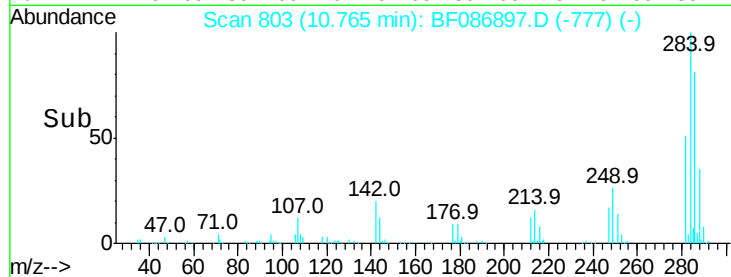
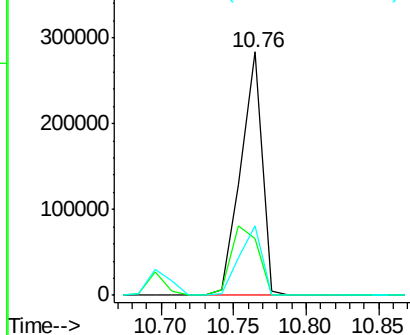
Tot Ion:	284	Resp:	291658
Ion Ratio	Lower	Upper	
284	100		
142	23.5	16.7	25.1
249	28.3	21.3	31.9

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



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

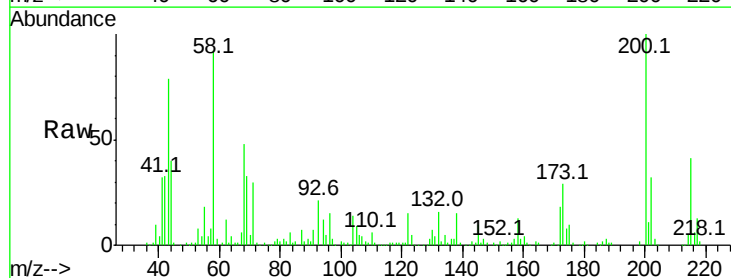
RT: 10.87 min Scan# 812

Delta R.T. -0.01 min

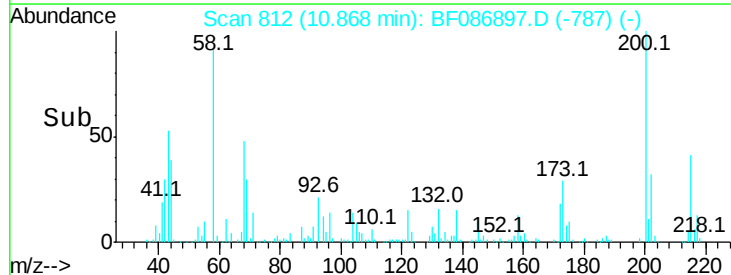
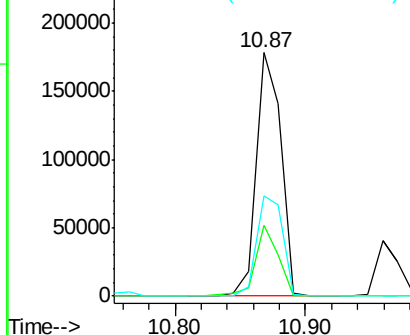
Lab File: BF086897.D

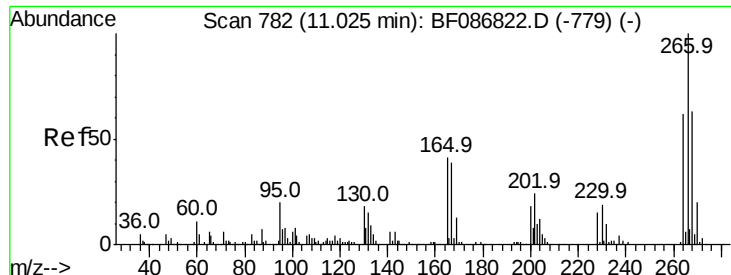
Acq: 11 May 2016 19:38

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





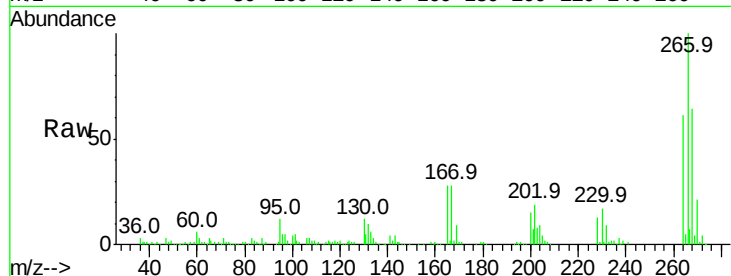
#69
 Pentachlorophenol
 Concen: 74.01 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

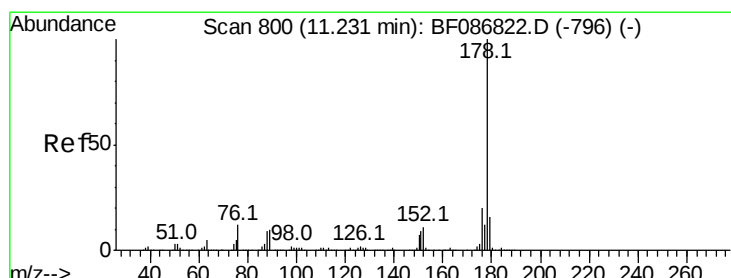
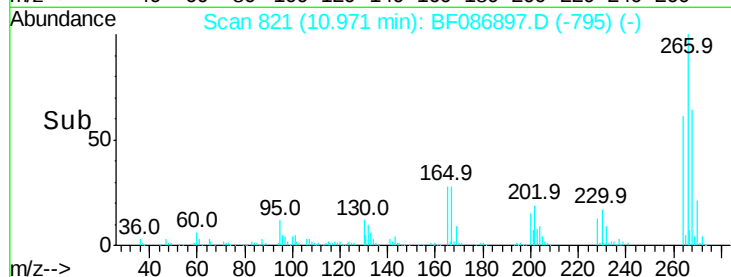
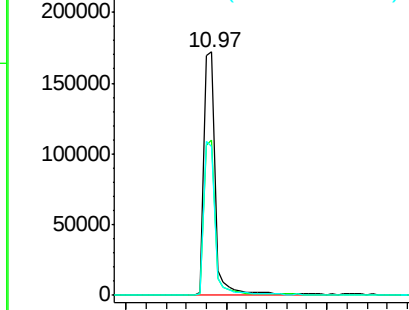
Tot Ion	Ratio	Resp	Lower	Upper
266	100	280462		
268	64.0		51.5	77.3
264	61.3		52.9	79.3

Manual Integrations
 APPROVED

umangi
 5/12/2016 9:10:01 AM

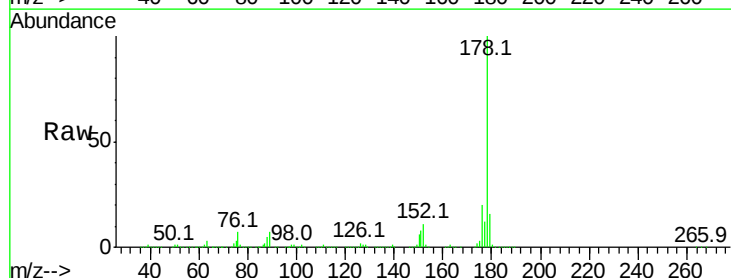


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

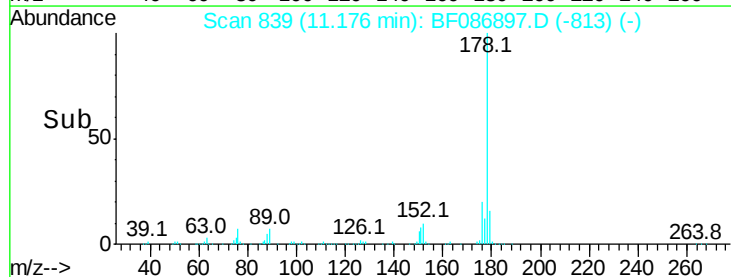
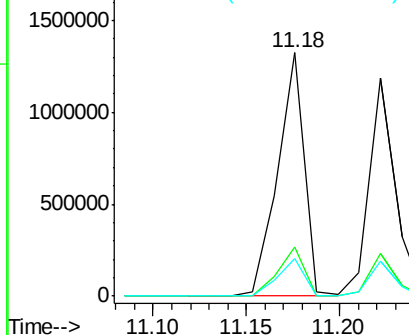


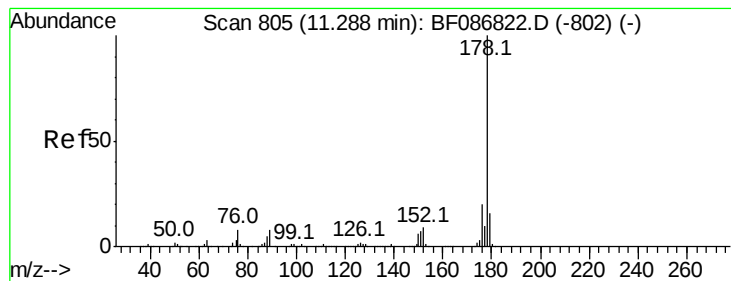
#70
 Phenanthrene
 Concen: 35.77 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1320901		
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. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

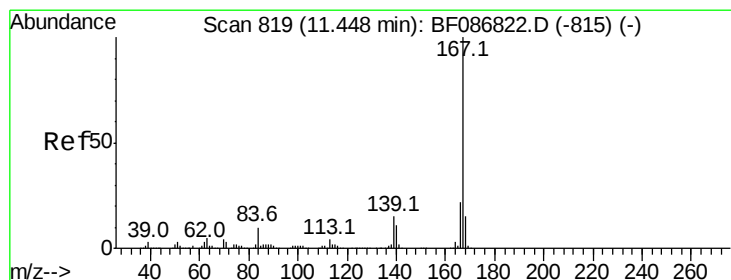
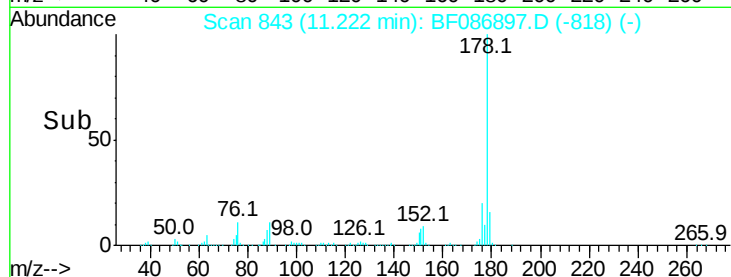
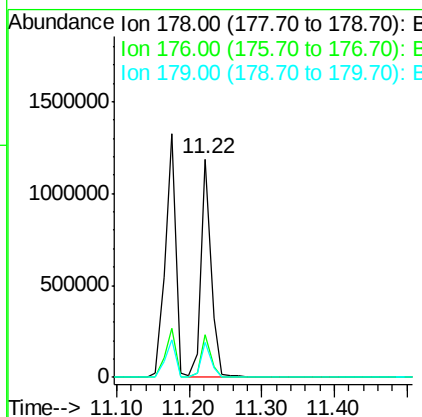
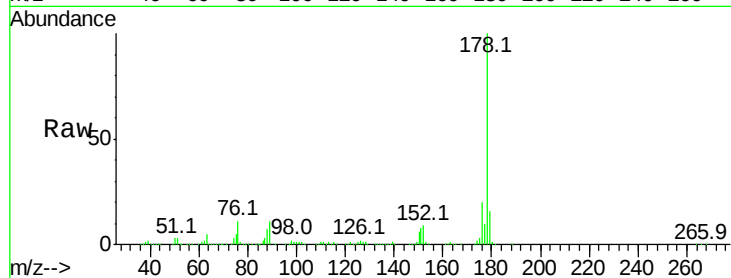
TILCON-MH-SF-003MS

Manual Integrations
APPROVED

umangi

5/12/2016 9:10:01 AM

Tot 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

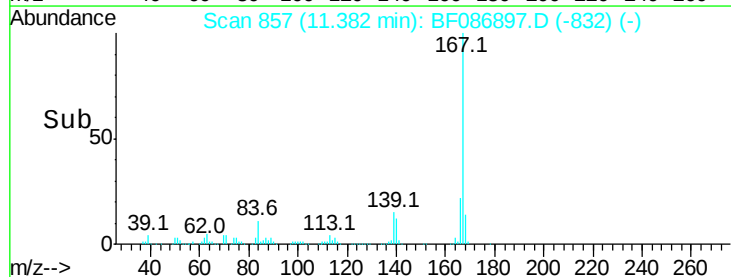
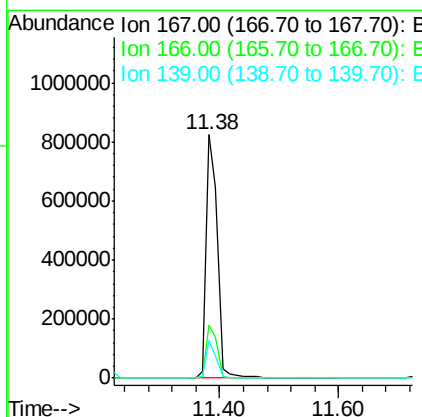
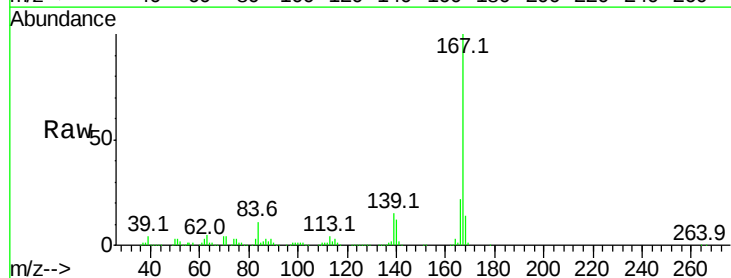
RT: 11.38 min Scan# 857

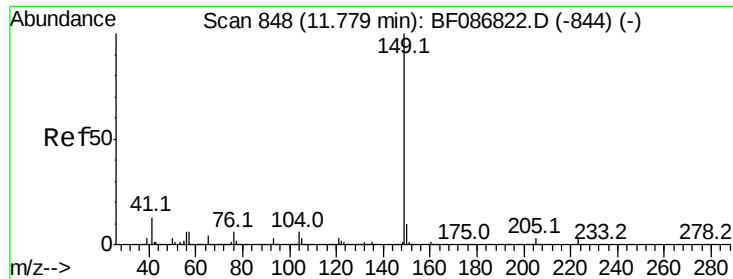
Delta R.T. -0.01 min

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. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:149 Resp: 1447278

Ion Ratio Lower Upper

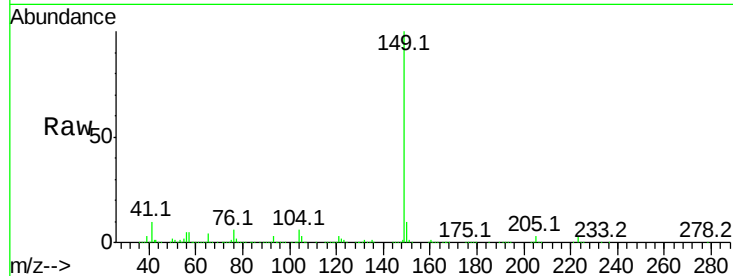
149 100

150 9.6 7.6 11.4

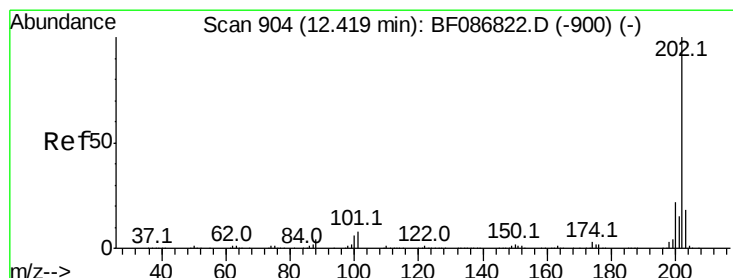
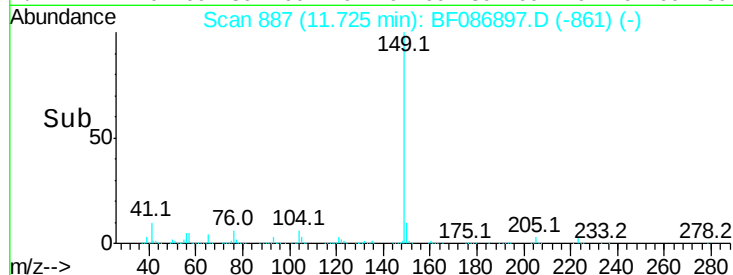
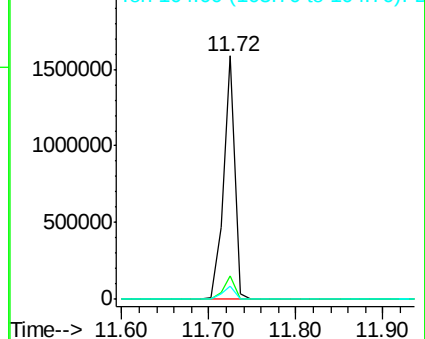
104 5.6 3.8 5.6

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



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. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

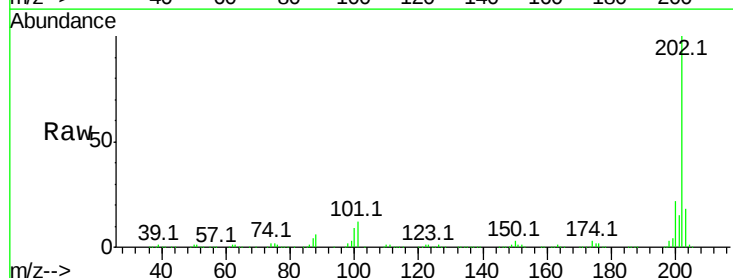
Tgt Ion:202 Resp: 1265772

Ion Ratio Lower Upper

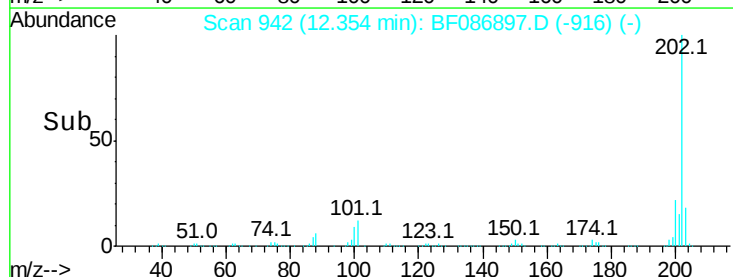
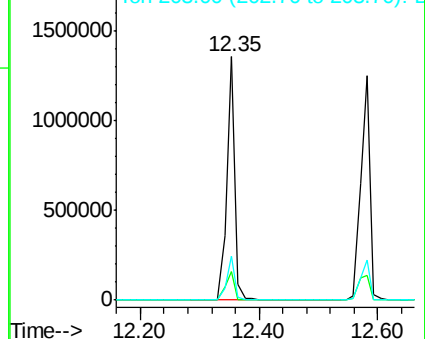
202 100

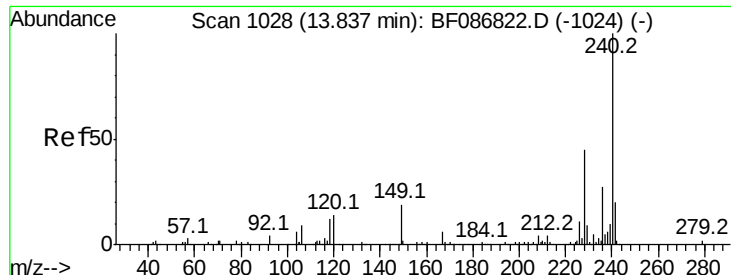
101 11.9 0.0 35.4

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. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

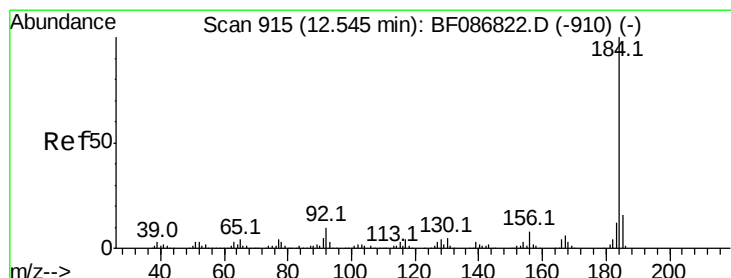
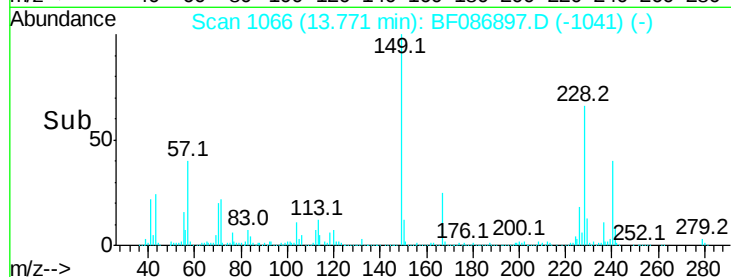
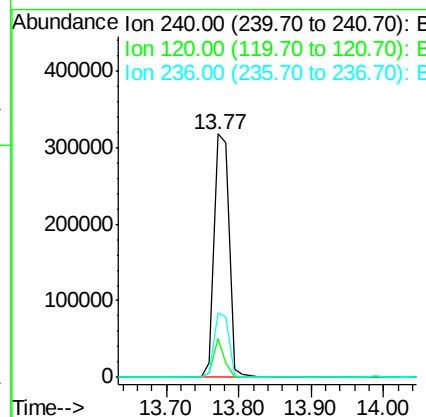
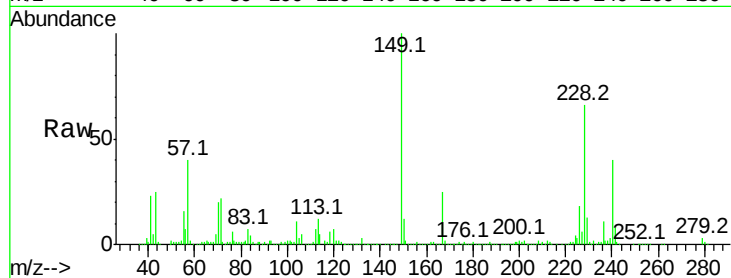
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	240	Resp:	455683
Ion Ratio	Lower	Upper	
240	100		
120	16.1	11.2	16.8
236	26.5	21.2	31.8

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#76

Benzidine

Concen: 25.50 ng

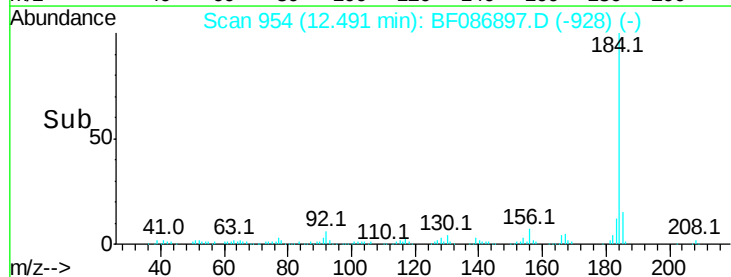
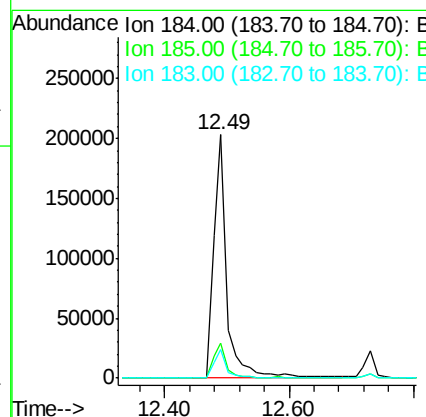
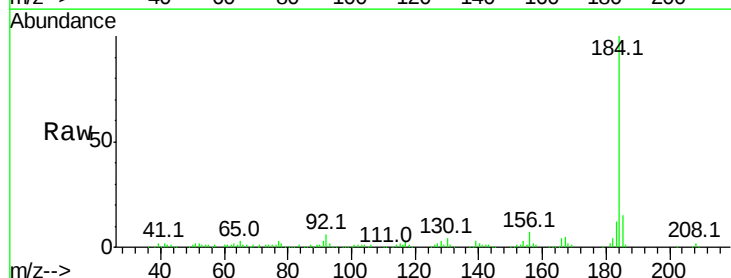
RT: 12.49 min Scan# 954

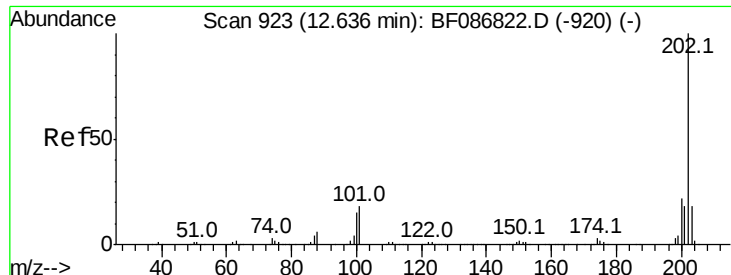
Delta R.T. -0.00 min

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





#77

Pvrene

Concen: 38.81 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:202 Resp: 1353937

Ion Ratio Lower Upper

202 100

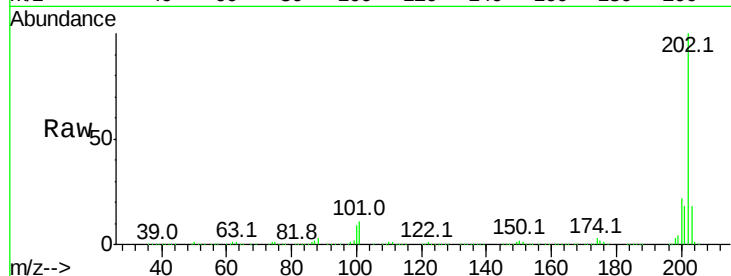
200 22.1 17.7 26.5

203 17.8 14.2 21.4

Manual Integrations
APPROVED

umangi

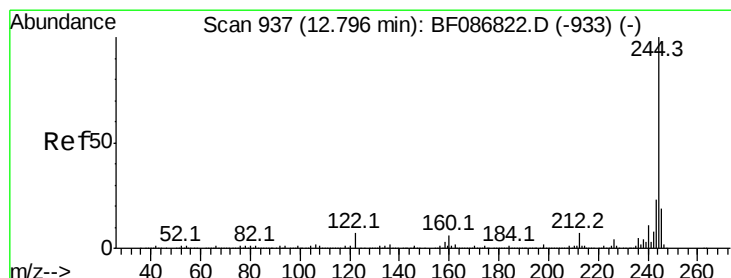
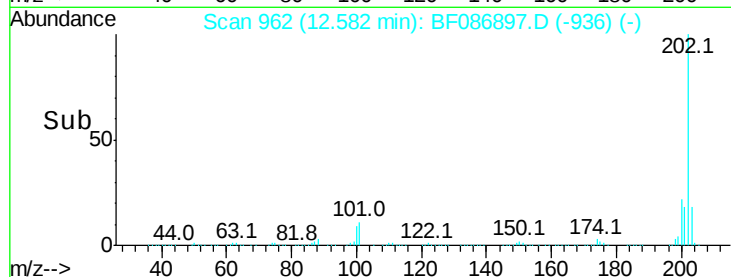
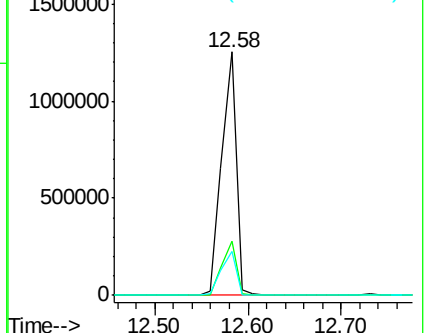
5/12/2016 9:10:01 AM



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. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

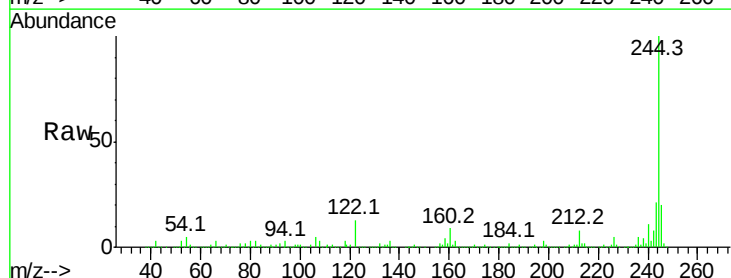
Tgt Ion:244 Resp: 1383994

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

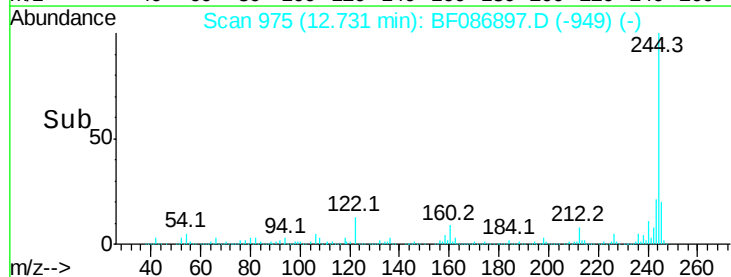
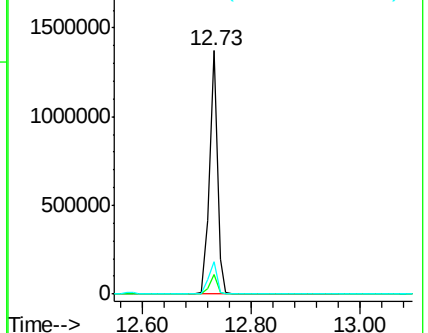
122 13.2 12.0 18.0

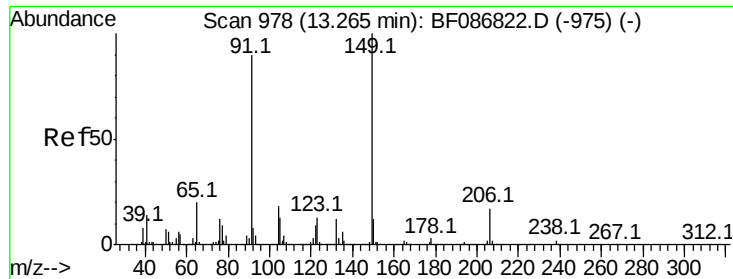


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





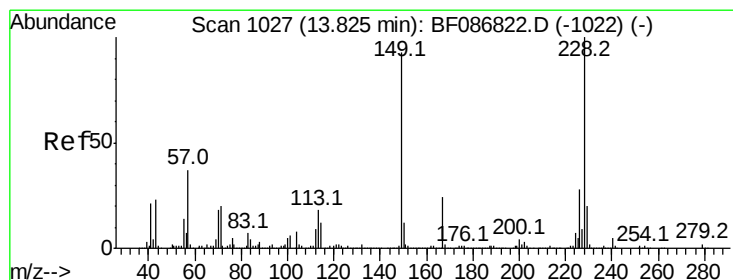
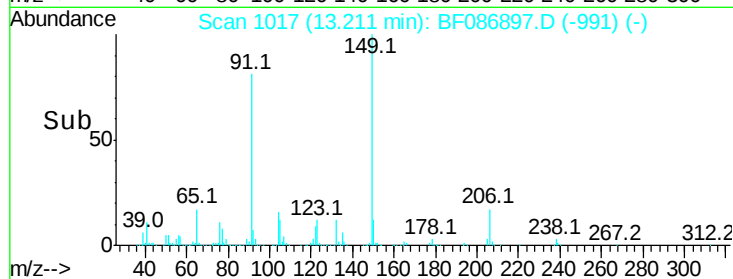
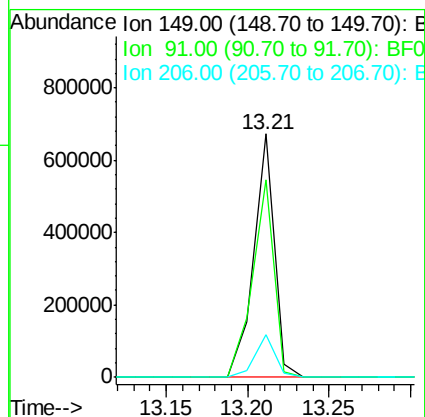
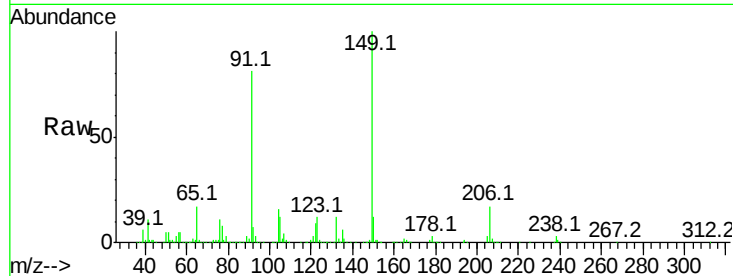
#79
Butylbenzylphthalate
Concen: 40.25 ng
RT: 13.21 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	593886		
91	80.9	48.0	72.0#	
206	17.5	15.8	23.6	

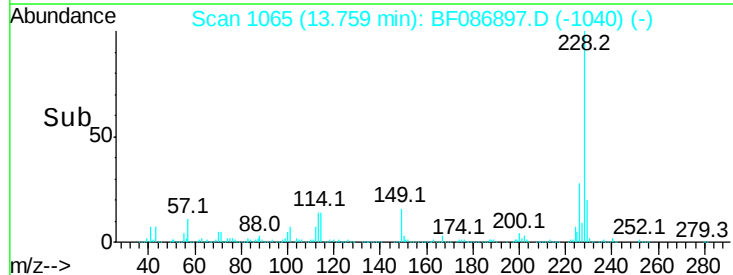
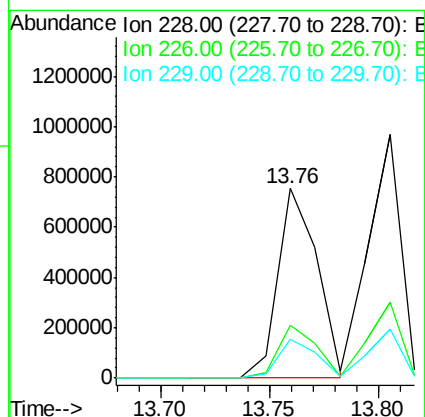
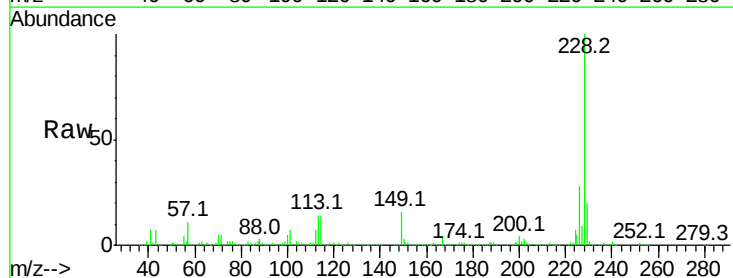
Manual Integrations
APPROVED

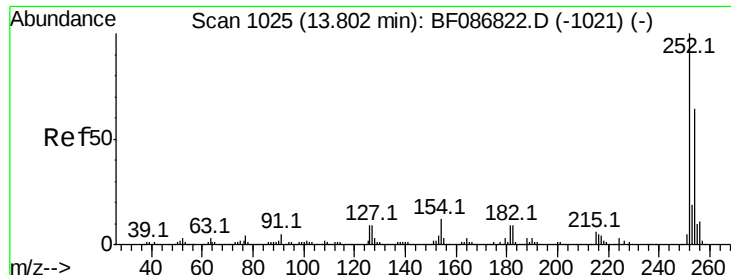
umangi
5/12/2016 9:10:01 AM



#80
Benzo(a)anthracene
Concen: 37.32 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	954720		
226	28.1	22.5	33.7	
229	20.4	16.6	25.0	





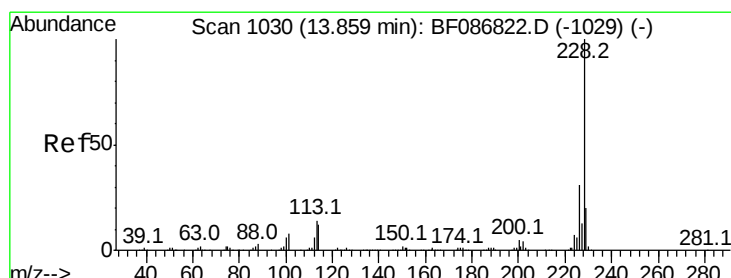
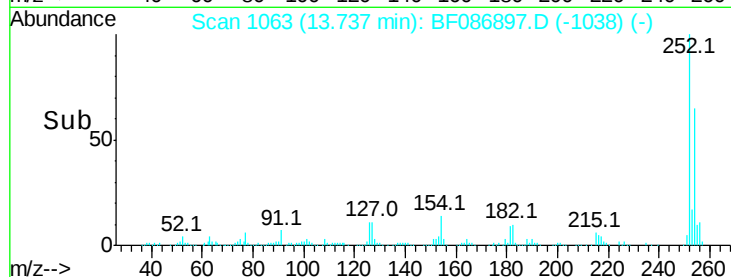
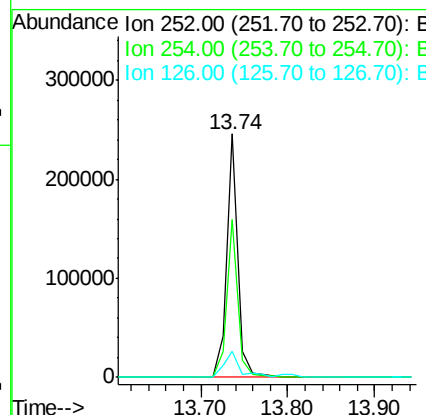
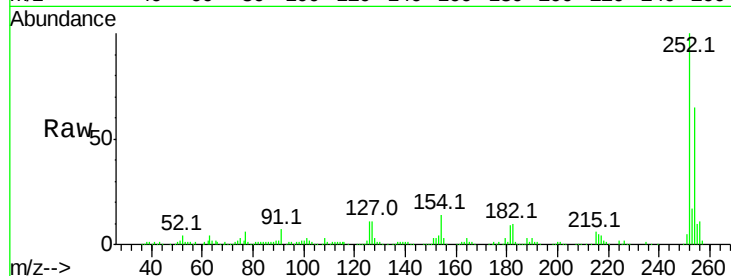
#81
 3,3'-Dichlorobenzidine
 Concen: 13.86 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	225204		
254	64.6	50.7	76.1	
126	10.5	12.7	19.1	

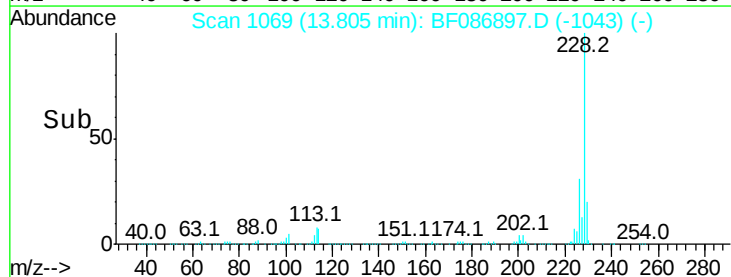
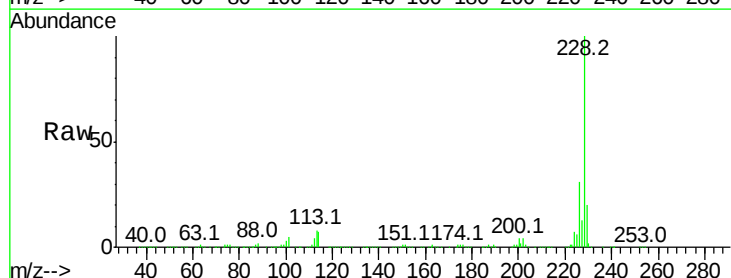
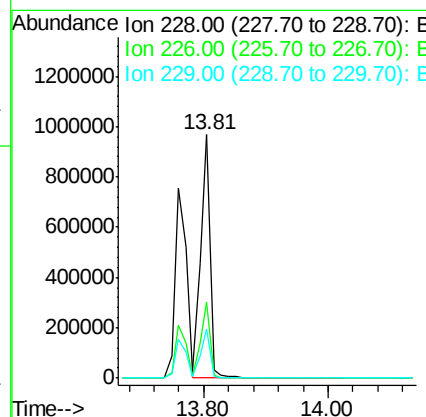
Manual Integrations
 APPROVED

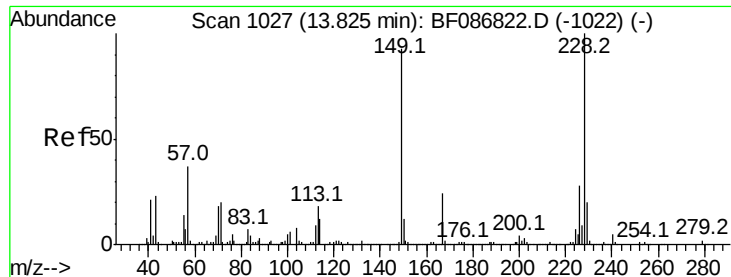
umangi
 5/12/2016 9:10:01 AM



#82
 Chrysene
 Concen: 39.31 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1023013		
226	31.3	24.4	36.6	
229	19.9	15.8	23.8	





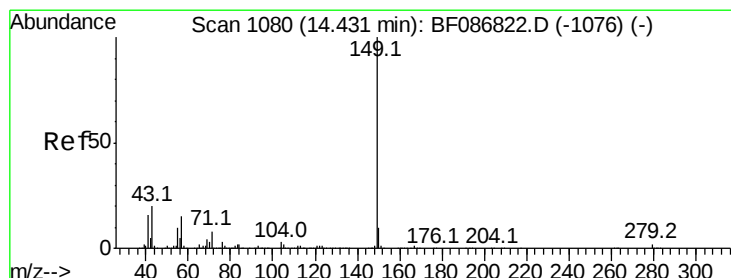
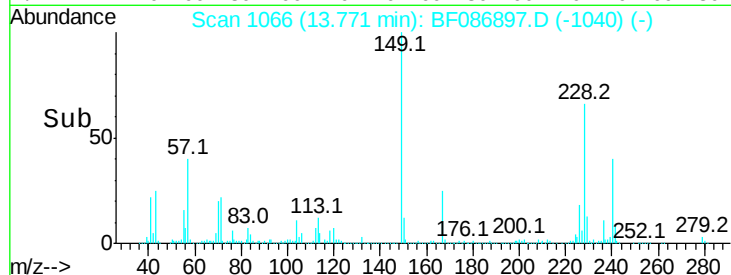
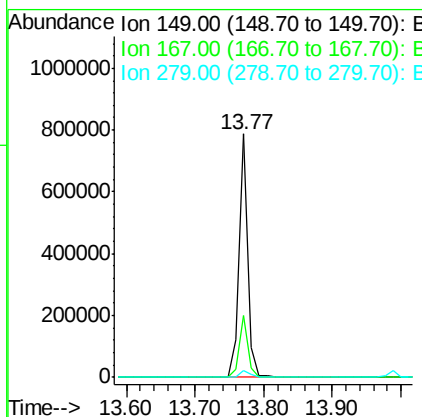
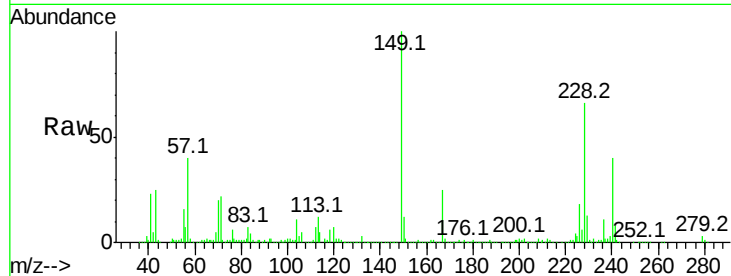
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.33 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	698114		
167	25.3	21.8	32.6	
279	2.8	2.6	4.0	

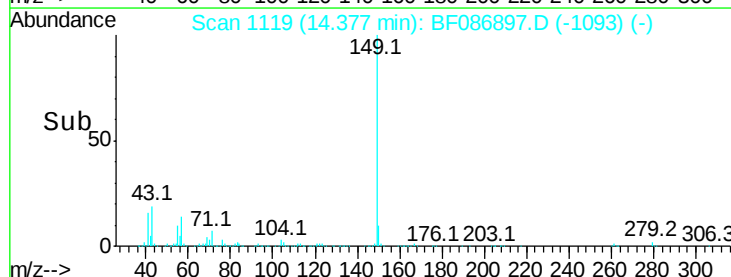
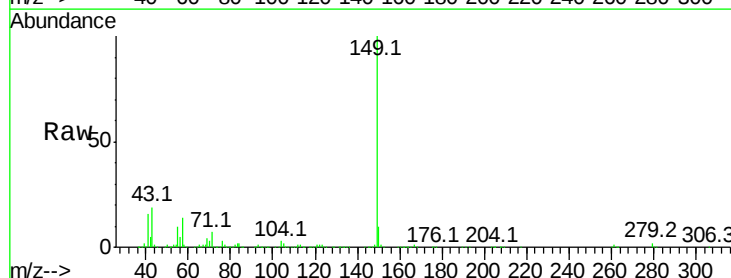
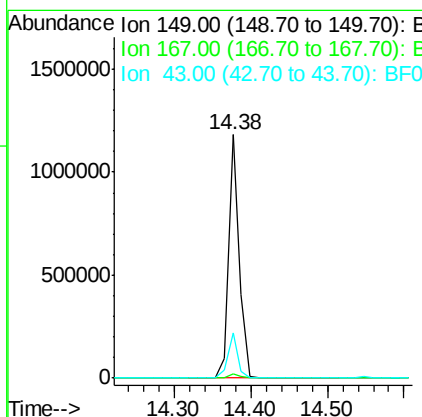
Manual Integrations
 APPROVED

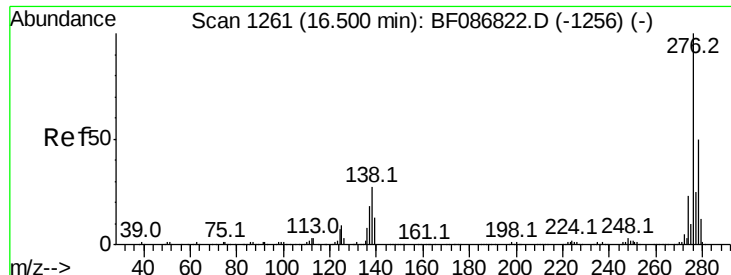
umangi
 5/12/2016 9:10:01 AM



#84
 Di-n-octyl phthalate
 Concen: 39.83 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1171128		
167	1.6	1.2	1.8	
43	17.3	8.2	12.4	





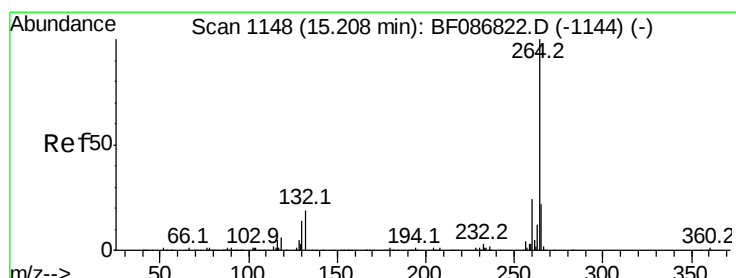
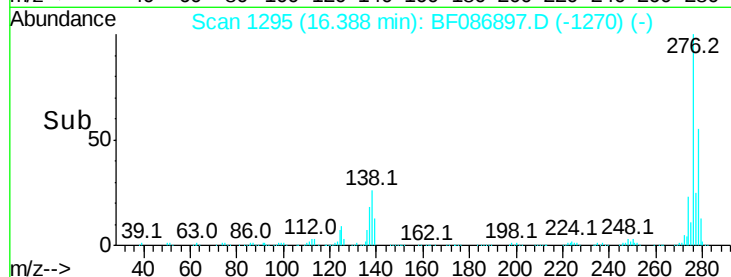
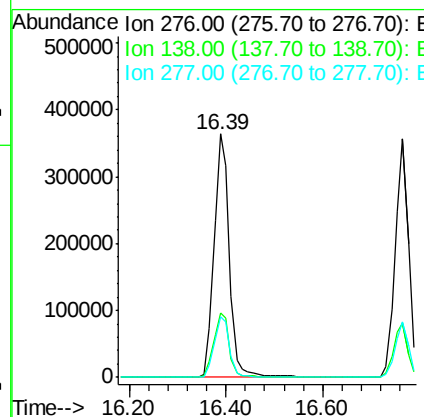
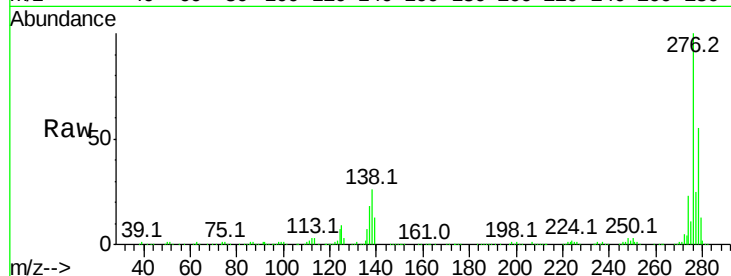
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 16.39 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
276	100	818360		
138	27.2		25.6	38.4
277	25.3		20.5	30.7

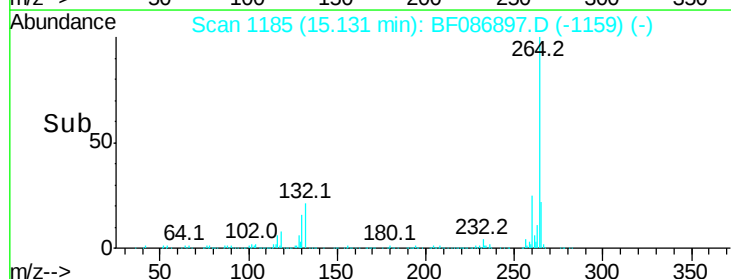
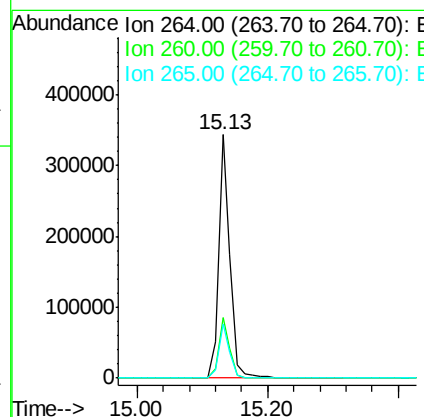
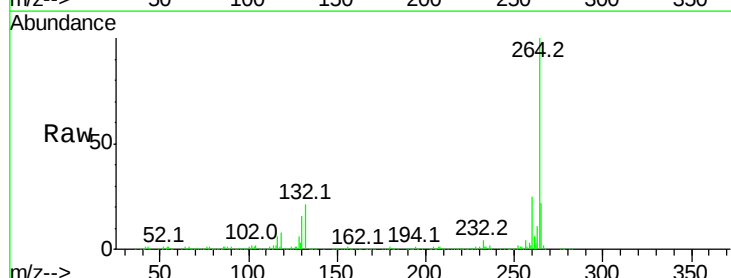
Manual Integrations
 APPROVED

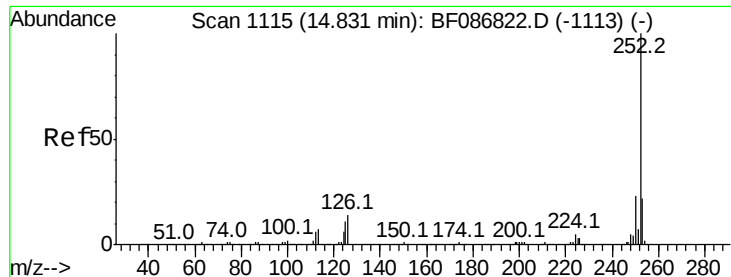
umangi
 5/12/2016 9:10:01 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF086897.D
 Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	417391		
260	24.9		19.5	29.3
265	22.4		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 33.34 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

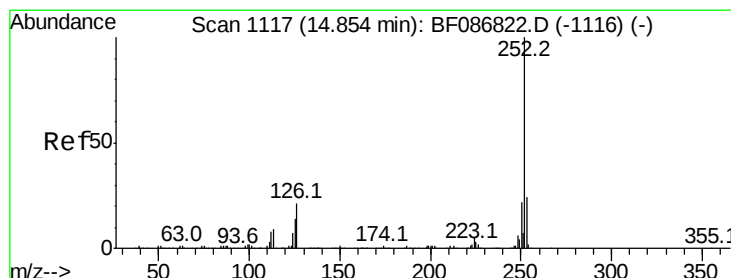
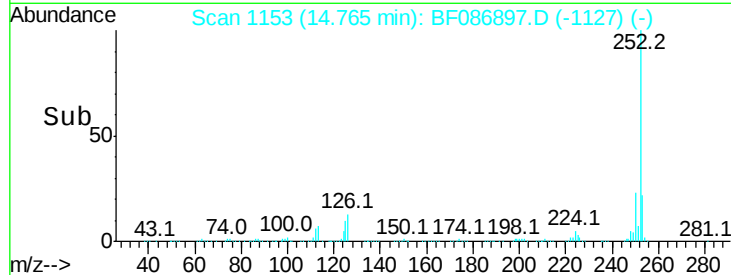
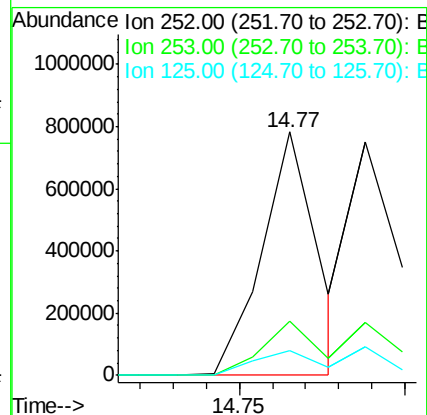
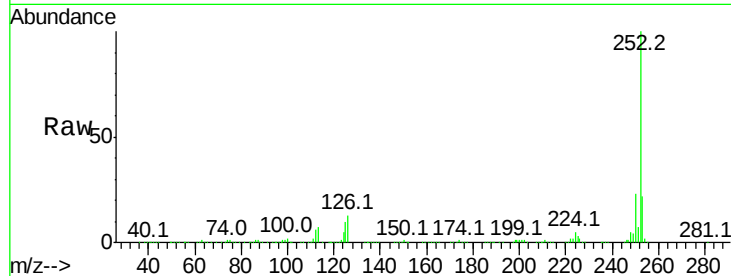
ClientSampleId :

TILCON-MH-SF-003MS

Tot Ion:	252	Resp:	904343
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	10.2	11.4	17.0

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM



#88

Benzo(k)fluoranthene

Concen: 35.92 ng m

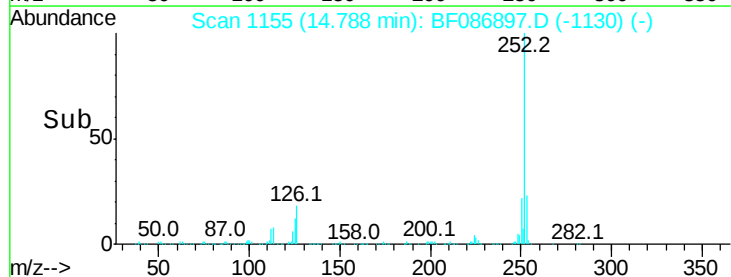
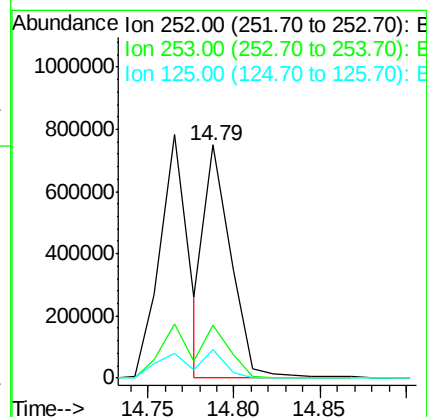
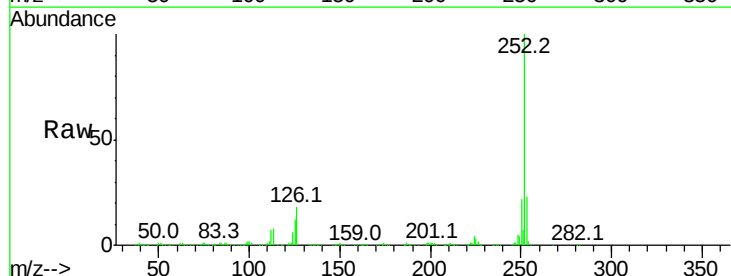
RT: 14.79 min Scan# 1155

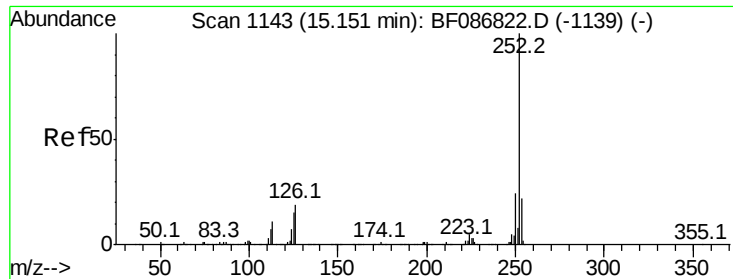
Delta R.T. -0.01 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Tgt Ion:	252	Resp:	797939
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	12.3	9.1	13.7





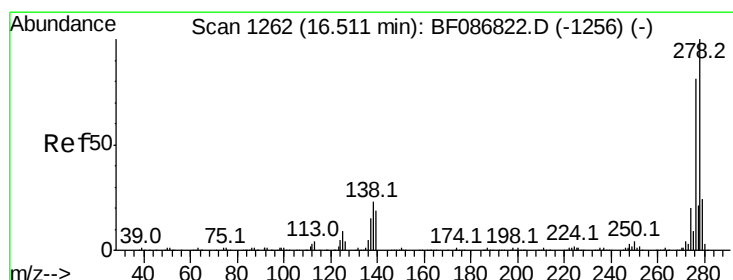
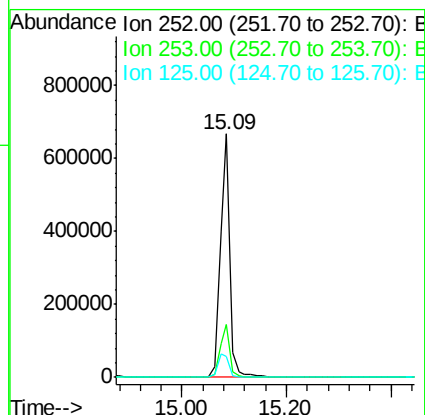
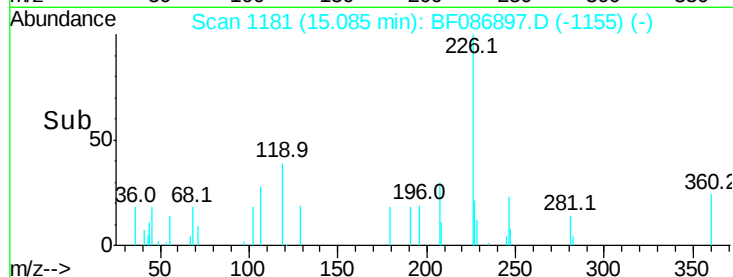
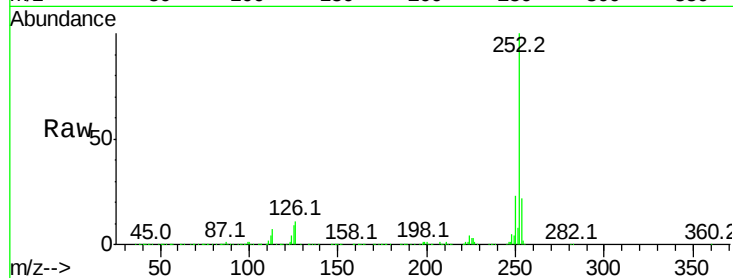
#89
Benzo(a)pyrene
Concen: 35.48 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	830181		
253	21.7	17.2	25.8	
125	8.6	9.0	13.6	

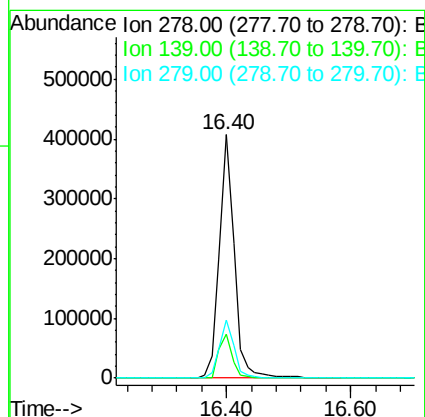
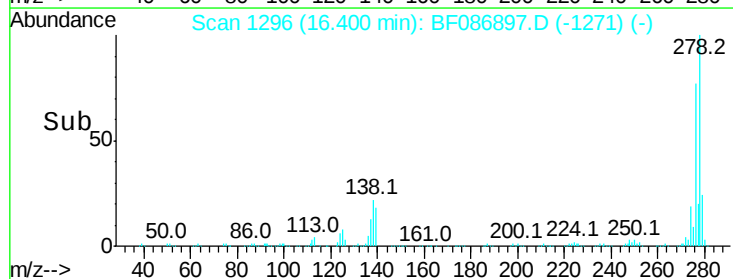
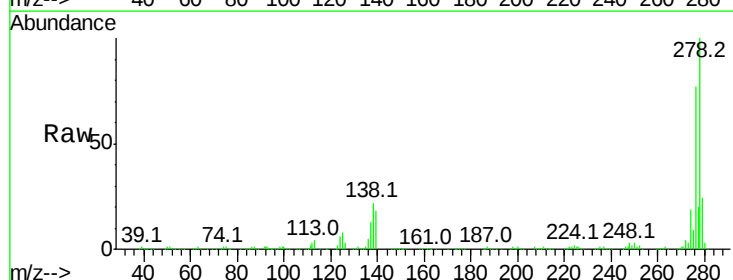
Manual Integrations
APPROVED

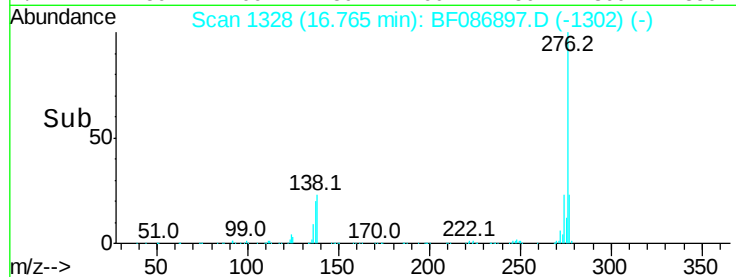
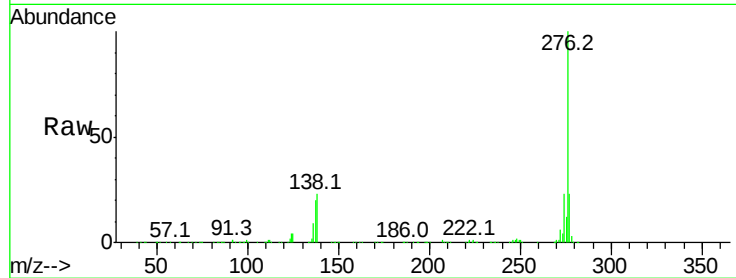
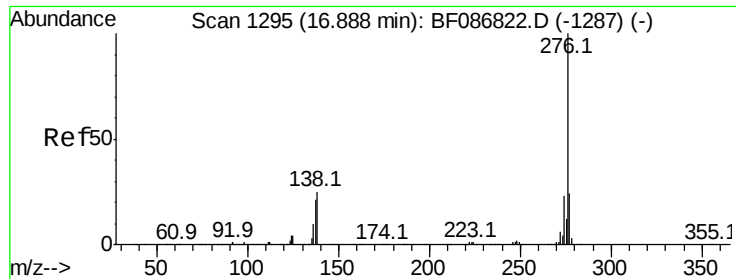
umangi
5/12/2016 9:10:01 AM



#90
Dibenzo(a,h)anthracene
Concen: 33.99 ng
RT: 16.40 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF086897.D
Acq: 11 May 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	670243		
139	18.0	16.6	24.8	
279	23.6	19.6	29.4	





#91

Benzo(a,h,i)perylene

Concen: 34.54 ng

RT: 16.77 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF086897.D

Acq: 11 May 2016 19:38

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003MS

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

Manual Integrations
APPROVED

umangi
5/12/2016 9:10:01 AM

