

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108147.D
 Acq On : 14 Aug 2018 16:20
 Operator : JU/SJ
 Sample : J4449-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

Quant Time: Aug 14 16:49:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	193488	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	685225	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	294992	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	506522	20.00	ng	0.00
75) Chrysene-d12	14.22	240	435176	20.00	ng	0.00
86) Perylene-d12	15.78	264	301417	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1148917	107.50	ng	0.02
7) Phenol-d6	6.64	99	1526174	107.46	ng	0.01
23) Nitrobenzene-d5	7.58	82	999046	81.36	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	319183	108.47	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1700184	92.53	ng	0.00
78) Terphenyl-d14	13.15	244	1538284	89.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.98	88	166893	30.391	ng	90
3) Pyridine	3.74	79	473105	33.444	ng	86
4) n-Nitrosodimethylamine	3.70	42	272285	34.207	ng	# 83
6) Aniline	6.68	93	561013	29.041	ng	96
8) 2-Chlorophenol	6.81	128	453404	37.668	ng	95
9) Benzaldehyde	6.57	77	294810	26.774	ng	95
10) Phenol	6.65	94	549423	37.400	ng	87
11) bis(2-Chloroethyl)ether	6.75	93	446170	37.568	ng	95
12) 1,3-Dichlorobenzene	6.96	146	517995	37.219	ng	98
13) 1,4-Dichlorobenzene	7.04	146	520370	37.214	ng	98
14) 1,2-Dichlorobenzene	7.19	146	489347	37.622	ng	99
15) Benzyl Alcohol	7.15	79	436688	36.525	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	869857	35.553	ng	96
17) 2-Methylphenol	7.26	107	379955	36.809	ng	95
18) Hexachloroethane	7.53	117	167665	33.679	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	338478	35.244	ng	90
20) 3+4-Methylphenols	7.41	107	482027	36.441	ng	90
22) Acetophenone	7.42	105	653168	40.766	ng	# 93
24) Nitrobenzene	7.60	77	506603	40.798	ng	94
25) Isophorone	7.84	82	902423	38.556	ng	97
26) 2-Nitrophenol	7.92	139	202287	43.137	ng	98
27) 2,4-Dimethylphenol	7.94	122	407820	39.258	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	554817	40.605	ng	99
29) 2,4-Dichlorophenol	8.15	162	376536	39.387	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	417463	39.608	ng	96
31) Naphthalene	8.32	128	1261694	40.487	ng	99
32) Benzoic acid	8.00	122	16567	8.381	ng	92
33) 4-Chloroaniline	8.37	127	345318	25.428	ng	95
34) Hexachlorobutadiene	8.44	225	268854	40.294	ng	100
35) Caprolactam	8.73	113	95290	31.808	ng	# 83
36) 4-Chloro-3-methylphenol	8.84	107	376541	36.511	ng	97
37) 2-Methylnaphthalene	9.02	142	826580	37.490	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	413737	45.672	ng	97
40) Hexachlorocyclopentadiene	9.17	237	103888	17.755	ng	96

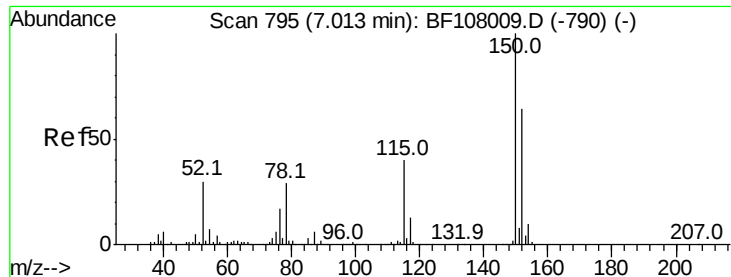
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	252348	44.890	ng	99
43) 2,4,5-Trichlorophenol	9.33	196	263145	42.523	ng	97
45) 1,1'-Biphenyl	9.48	154	976032	44.876	ng	98
46) 2-Chloronaphthalene	9.51	162	740814	43.095	ng	97
47) 2-Nitroaniline	9.60	65	243141	43.714	ng	85
48) Acenaphthylene	9.93	152	1128396	41.521	ng	99
49) Dimethylphthalate	9.78	163	1032529	50.248	ng	100
50) 2,6-Dinitrotoluene	9.84	165	174540	40.598	ng	96
51) Acenaphthene	10.10	154	650022	39.051	ng	99
52) 3-Nitroaniline	10.01	138	159466	33.901	ng	94
53) 2,4-Dinitrophenol	10.12	184	8402	11.785	ng	# 20
54) Dibenzofuran	10.27	168	961025	39.851	ng	96
55) 4-Nitrophenol	10.17	139	238026	66.824	ng	85
56) 2,4-Dinitrotoluene	10.25	165	207146	37.432	ng	# 95
57) Fluorene	10.62	166	724291	37.940	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	196895	38.067	ng	# 85
59) Diethylphthalate	10.48	149	818542	41.137	ng	96
60) 4-Chlorophenyl-phenylether	10.60	204	390419	39.248	ng	93
61) 4-Nitroaniline	10.63	138	160258	34.460	ng	97
62) Azobenzene	10.77	77	758892	36.931	ng	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	13043	11.452	ng	84
65) n-Nitrosodiphenylamine	10.72	169	666569	44.532	ng	94
66) 4-Bromophenyl-phenylether	11.10	248	233082	42.344	ng	92
67) Hexachlorobenzene	11.17	284	234773	40.536	ng	# 85
68) Atrazine	11.24	200	212926	42.412	ng	98
69) Pentachlorophenol	11.36	266	209857	75.702	ng	97
70) Phenanthrene	11.59	178	998994	41.815	ng	99
71) Anthracene	11.64	178	1022240	41.747	ng	100
72) Carbazole	11.80	167	894753	41.128	ng	99
73) Di-n-butylphthalate	12.11	149	1139570	46.245	ng	99
74) Fluoranthene	12.78	202	1097788	42.103	ng	97
76) Benzidine	12.90	184	722302	44.424	ng	98
77) Pyrene	13.02	202	1101072	39.965	ng	100
79) Butylbenzylphthalate	13.62	149	479834	43.860	ng	# 97
80) Benzo(a)anthracene	14.21	228	1019591	40.825	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	371128	41.466	ng	# 97
82) Chrysene	14.25	228	939758	41.044	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	660407	44.577	ng	99
84) Di-n-octyl phthalate	14.80	149	1130390	50.030	ng	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	591039	29.792	ng	# 91
87) Benzo(b)fluoranthene	15.31	252	784352	43.549	ng	95
88) Benzo(k)fluoranthene	15.35	252	679780	41.058	ng	# 96
89) Benzo(a)pyrene	15.71	252	645441	40.019	ng	97
90) Dibenzo(a,h)anthracene	17.42	278	495436	37.126	ng	# 95
91) Benzo(g,h,i)perylene	17.91	276	484553	36.876	ng	# 91

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

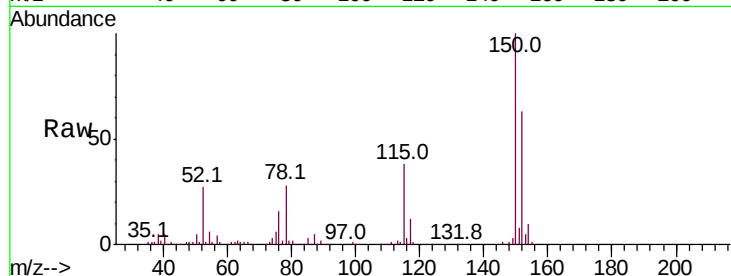


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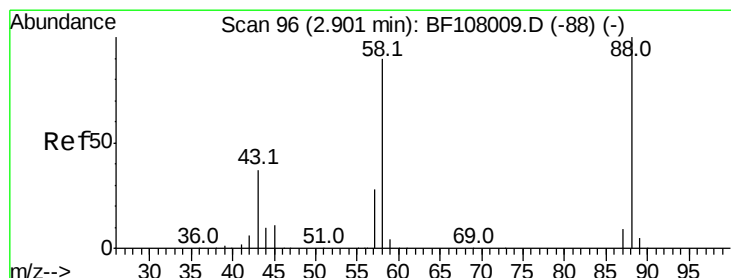
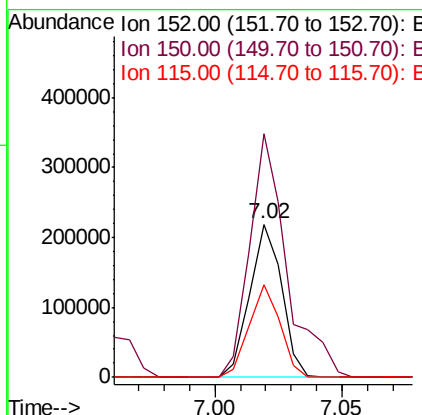
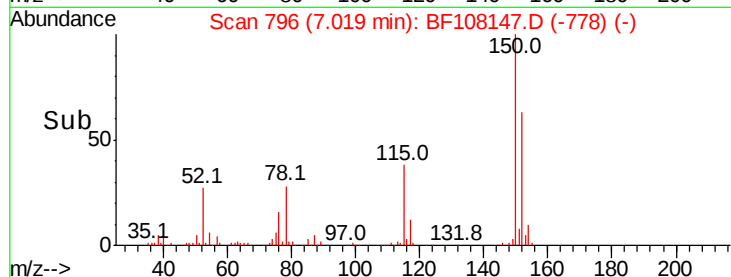
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

Tot Ion:152 Resp: 193488
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 60.1 50.1 75.1



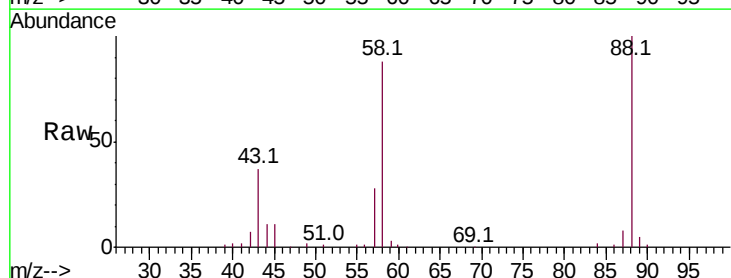
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



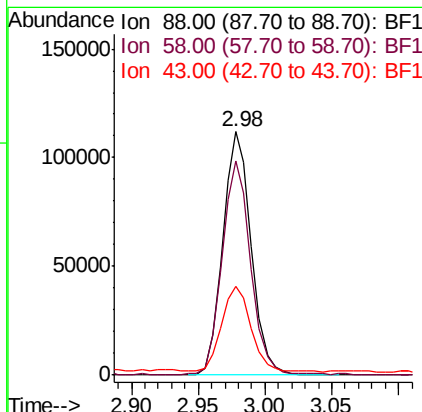
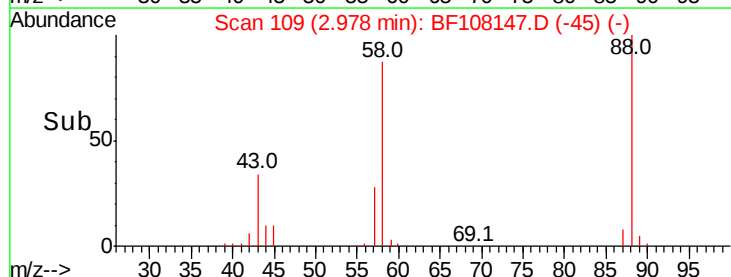
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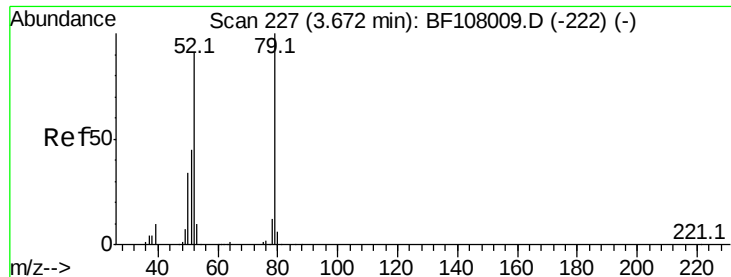
1,4-Dioxane
Concen: 30.391 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion: 88 Resp: 166893
Ion Ratio Lower Upper
88 100
58 87.3 62.6 93.8
43 35.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.444 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.07 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

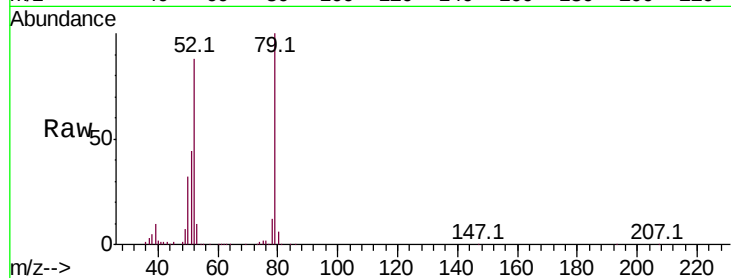
Tot Ion: 79 Resp: 473105

Ion Ratio Lower Upper

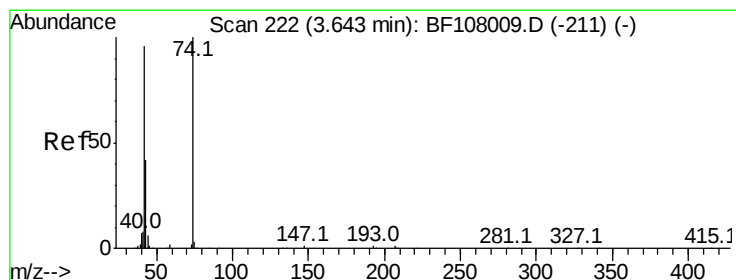
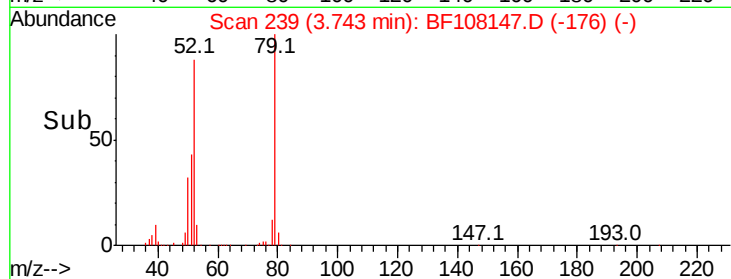
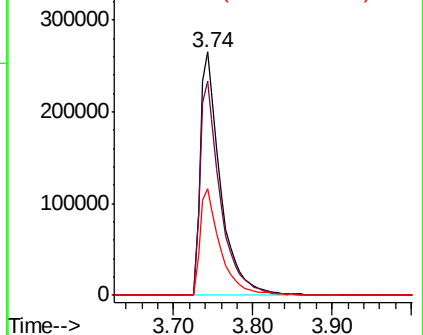
79 100

52 87.8 59.8 89.6

51 43.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.207 ng

RT: 3.70 min Scan# 232

Delta R.T. 0.06 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

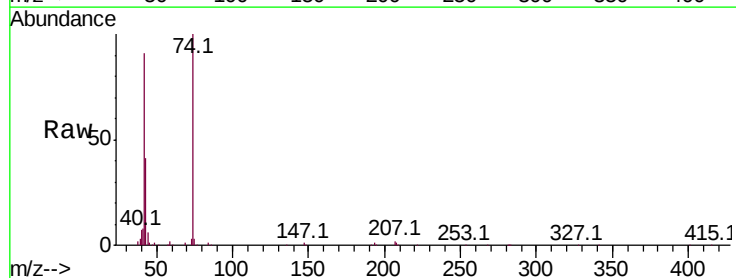
Tgt Ion: 42 Resp: 272285

Ion Ratio Lower Upper

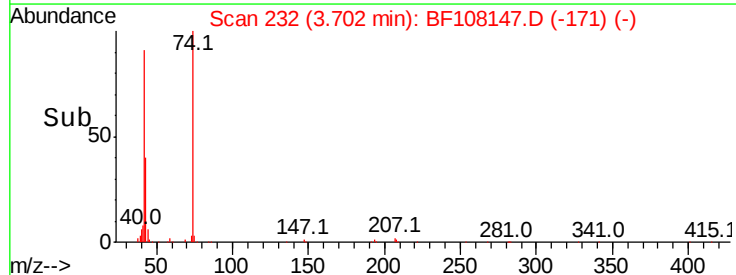
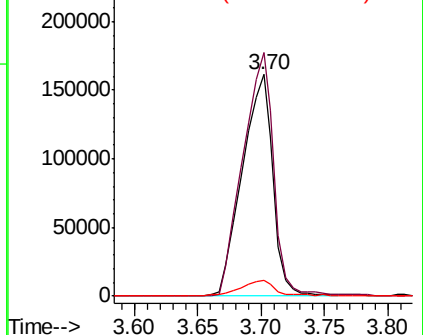
42 100

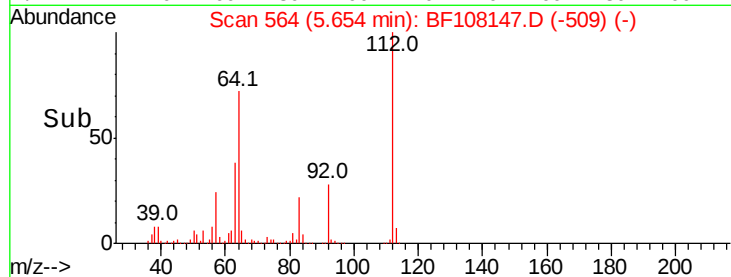
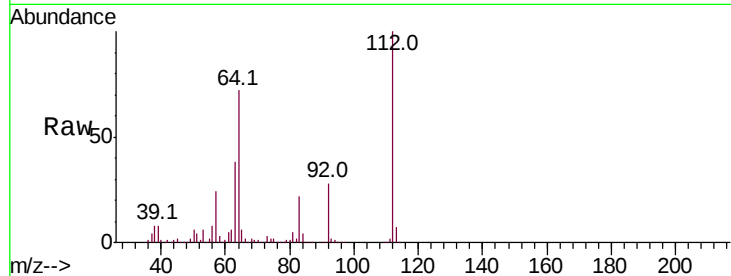
74 109.9 104.9 157.3

44 6.9 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.503 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

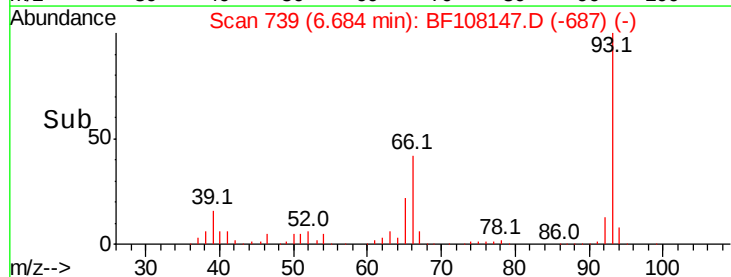
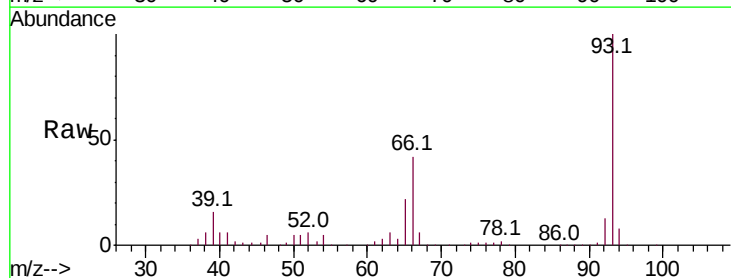
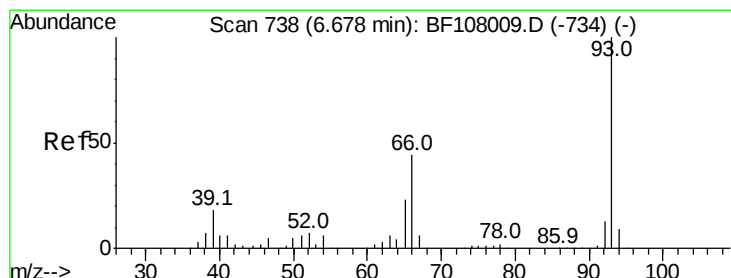
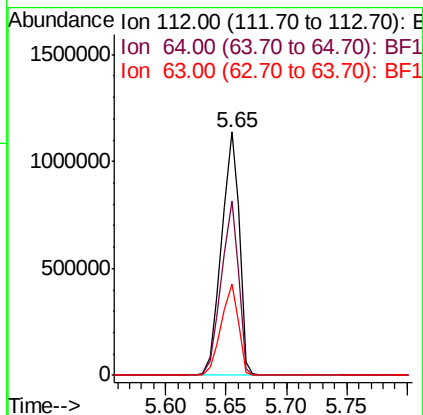
Tot Ion:112 Resp: 1148917

Ion Ratio Lower Upper

112 100

64 71.9 47.9 71.9#

63 37.6 23.7 35.5#



#6

Aniline

Concen: 29.041 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

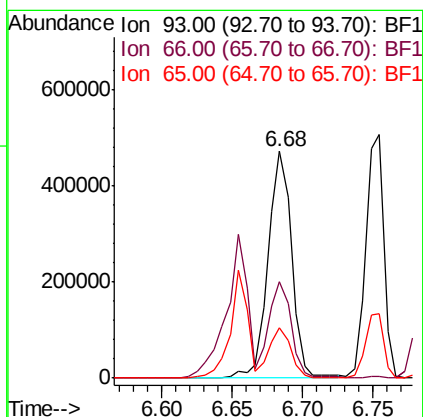
Tgt Ion: 93 Resp: 561013

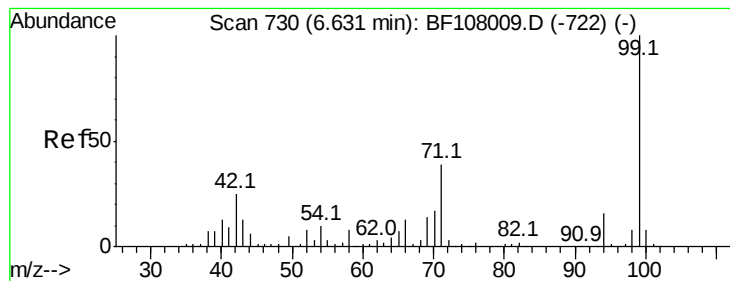
Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

65 22.1 16.4 24.6





#7

Phenol-d6

Concen: 107.462 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

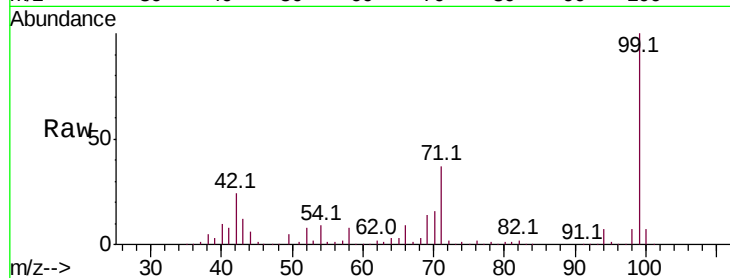
BNA_F

ClientSampleId :

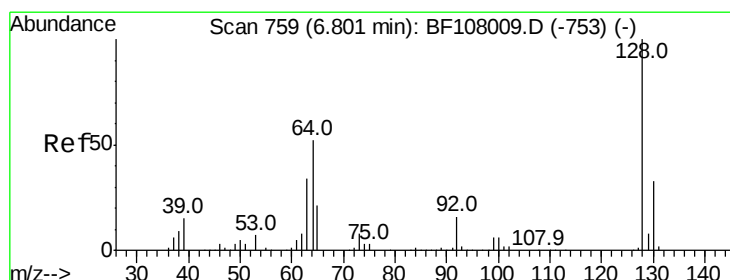
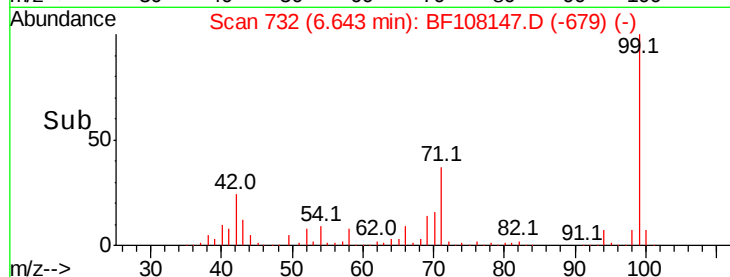
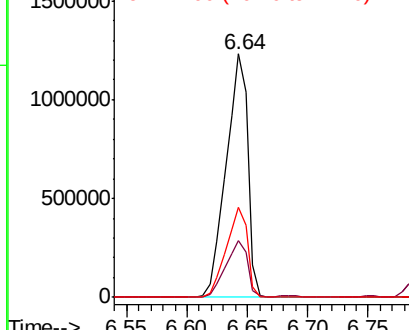
TILCON-MH-001MSD

Tot Ion: 99 Resp: 1526174

Ion	Ratio	Lower	Upper
99	100		
42	23.5	14.5	21.7#
71	37.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.668 ng

RT: 6.81 min Scan# 760

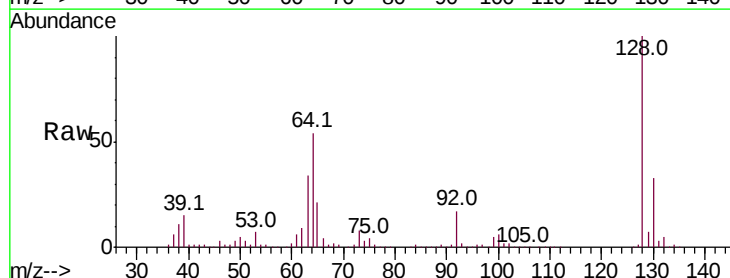
Delta R.T. 0.01 min

Lab File: BF108147.D

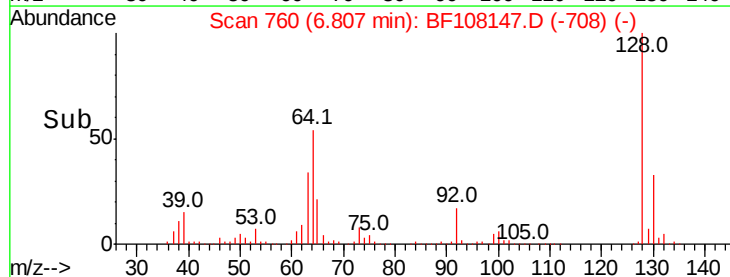
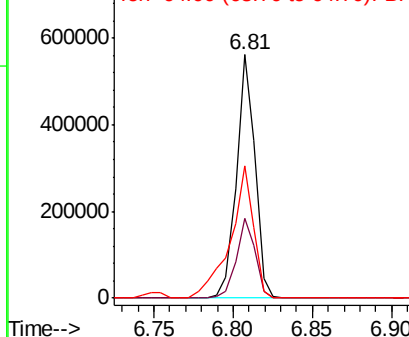
Acq: 14 Aug 2018 16:20

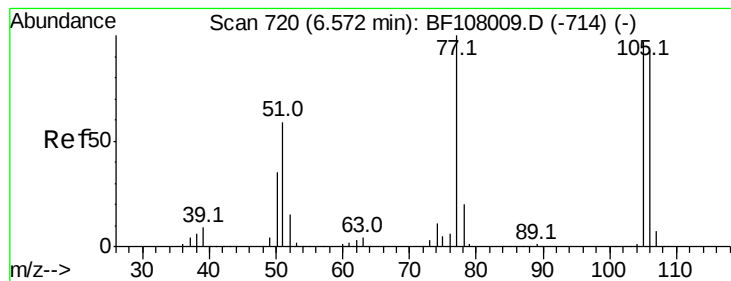
Tgt Ion: 128 Resp: 453404

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	54.4	29.4	69.4



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): BF1





#9

Benzaldehyde

Concen: 26.774 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

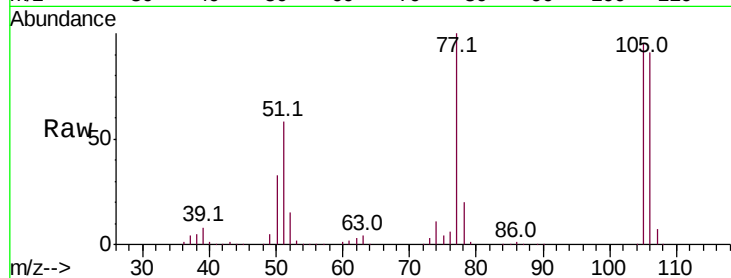
Tot Ion: 77 Resp: 294810

Ion Ratio Lower Upper

77 100

105 94.9 81.1 121.1

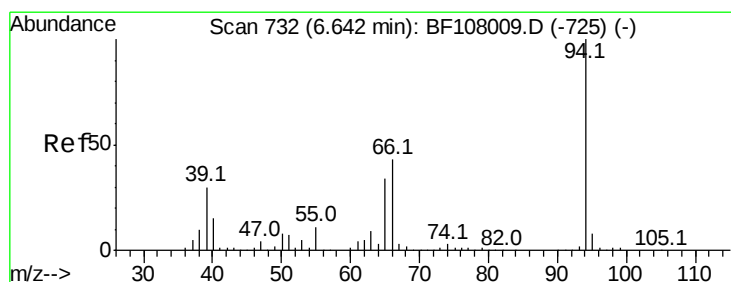
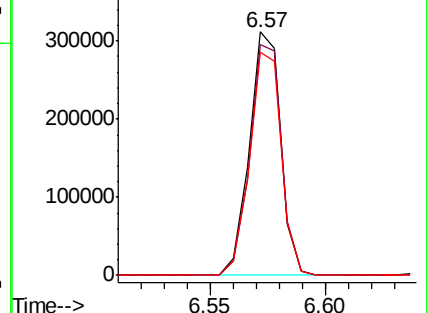
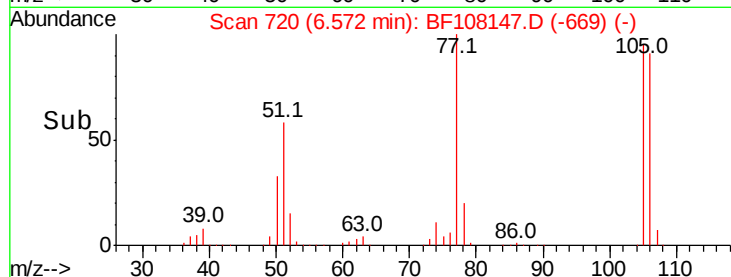
106 91.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.400 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

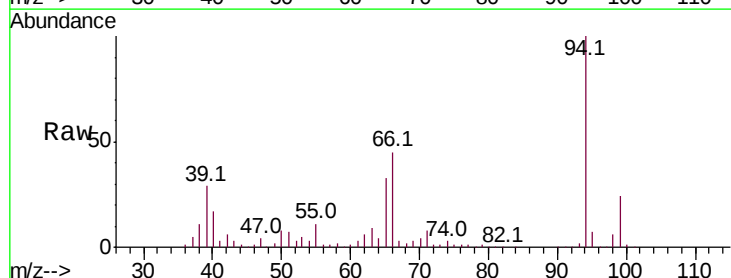
Tgt Ion: 94 Resp: 549423

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

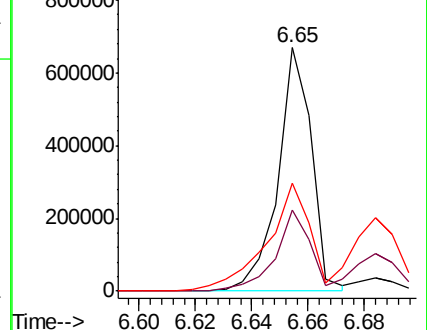
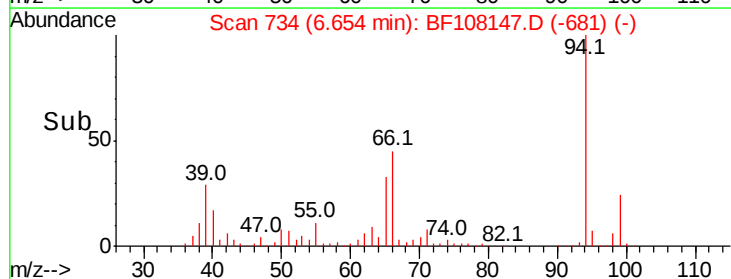
66 44.6 16.2 56.2

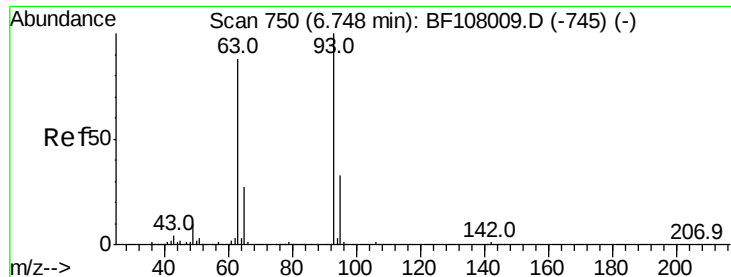


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

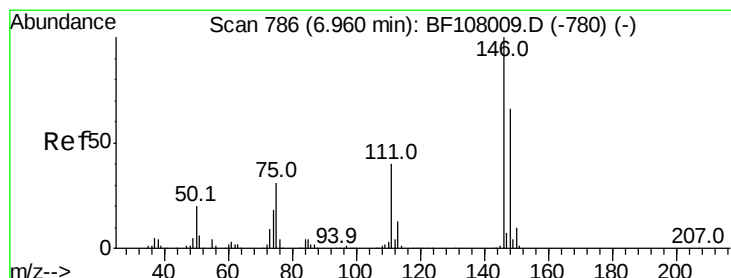
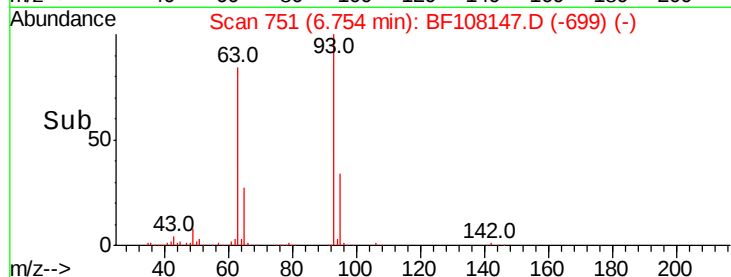
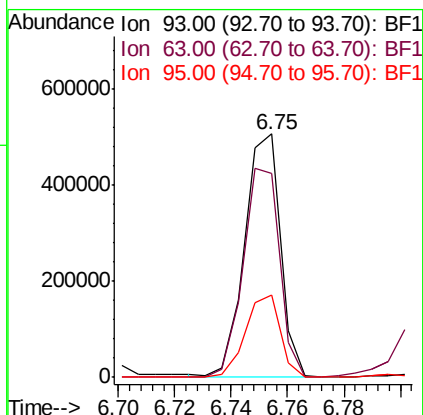
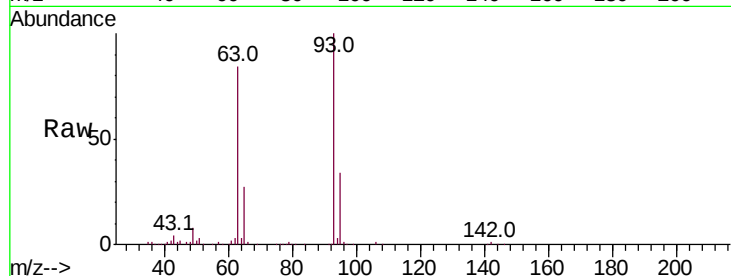




#11
bis(2-Chloroethyl)ether
Concen: 37.568 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

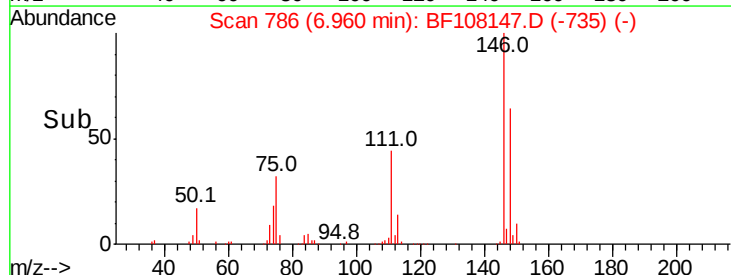
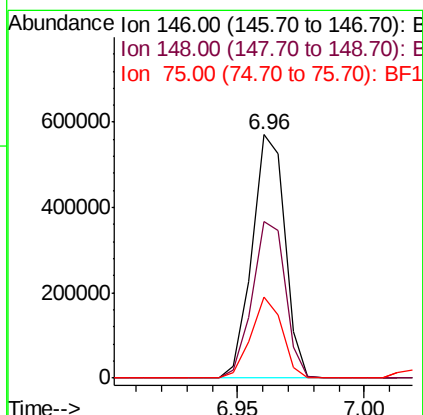
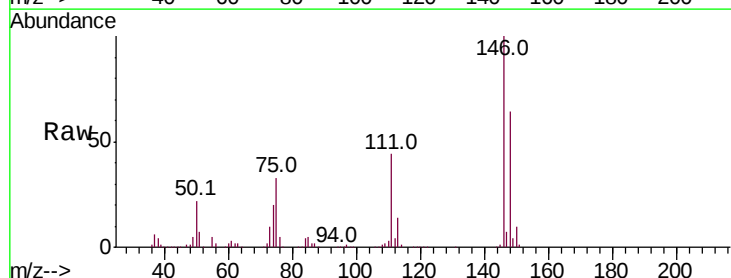
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

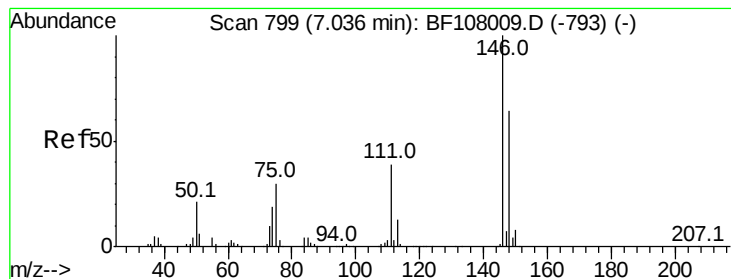
Tot Ion: 93 Resp: 446170
Ion Ratio Lower Upper
93 100
63 83.7 58.6 98.6
95 33.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.219 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion: 146 Resp: 517995
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 33.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.214 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

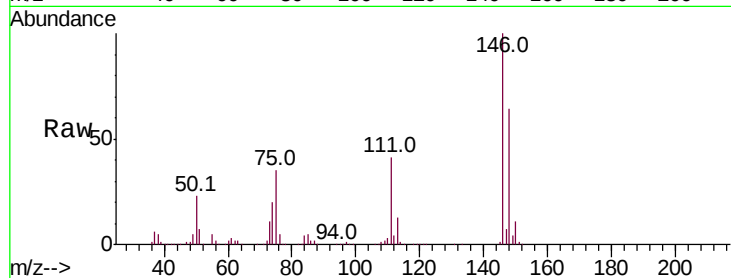
Tot Ion:146 Resp: 520370

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

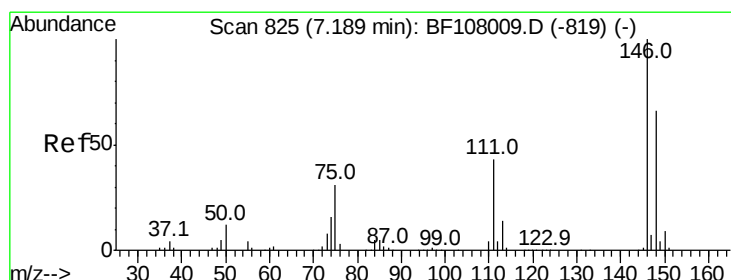
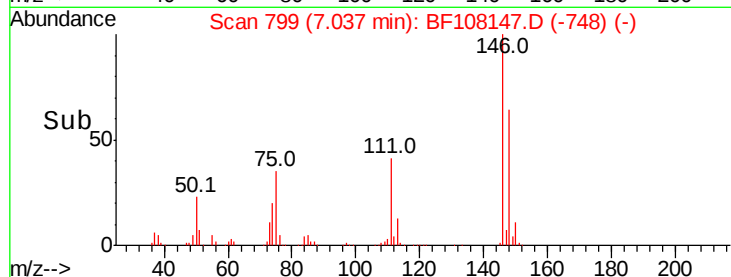
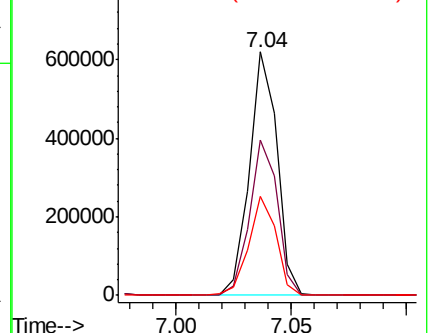
111 40.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.622 ng

RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

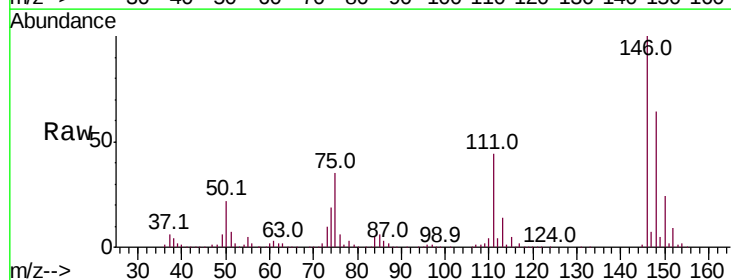
Tgt Ion:146 Resp: 489347

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

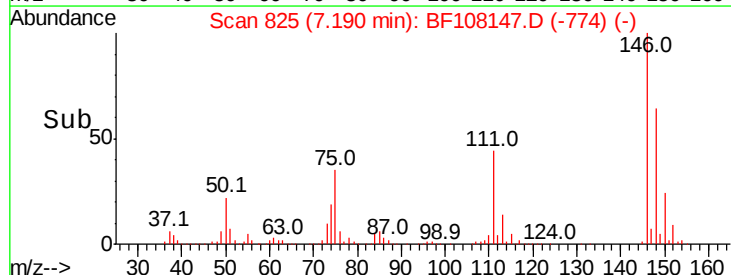
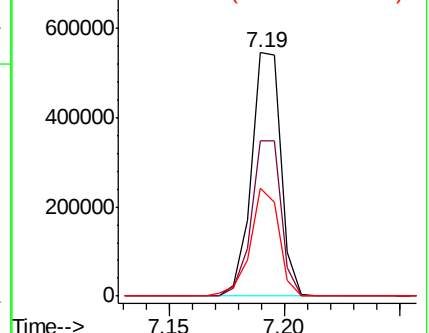
111 44.2 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.525 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

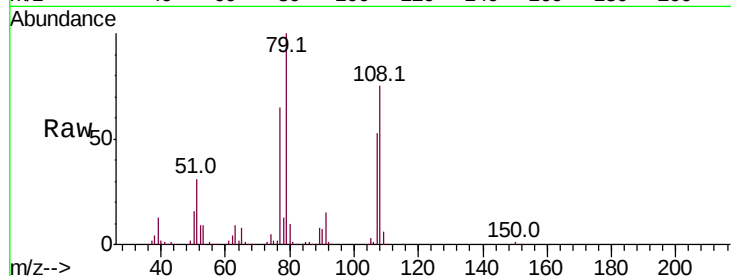
Tot Ion: 79 Resp: 436688

Ion Ratio Lower Upper

79 100

108 75.5 65.1 97.7

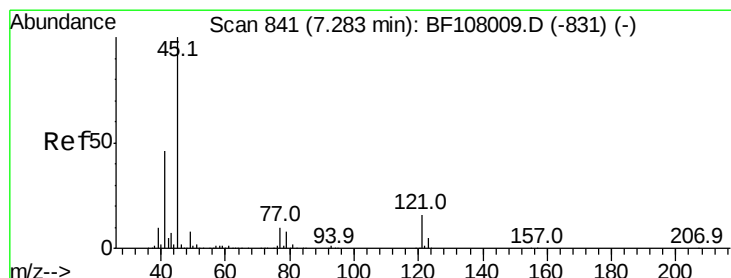
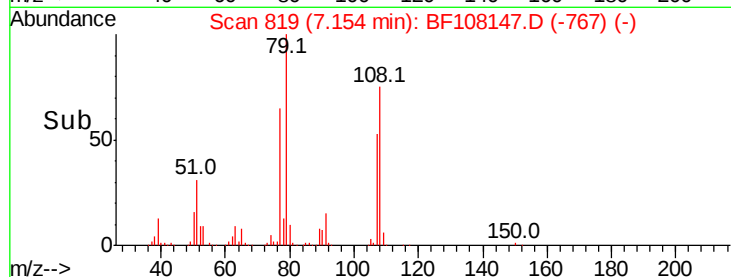
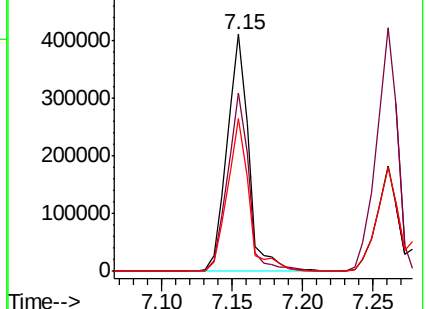
77 64.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.553 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

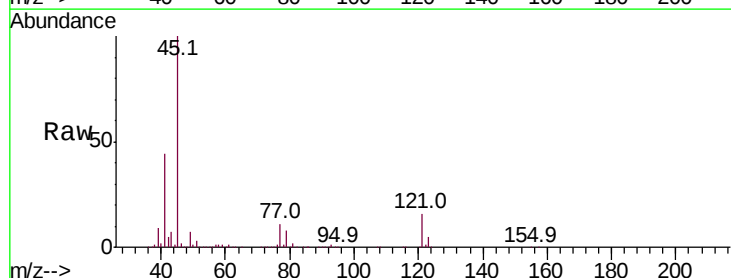
Tgt Ion: 45 Resp: 869857

Ion Ratio Lower Upper

45 100

77 11.1 0.0 32.9

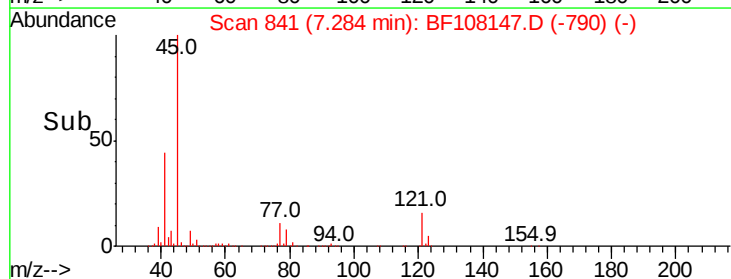
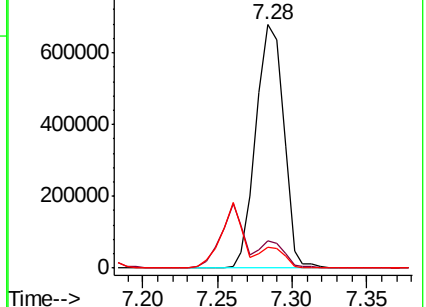
79 8.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

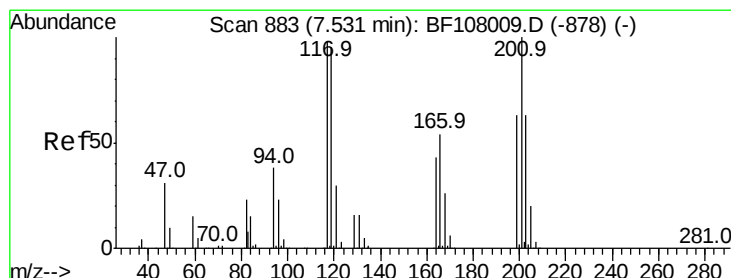
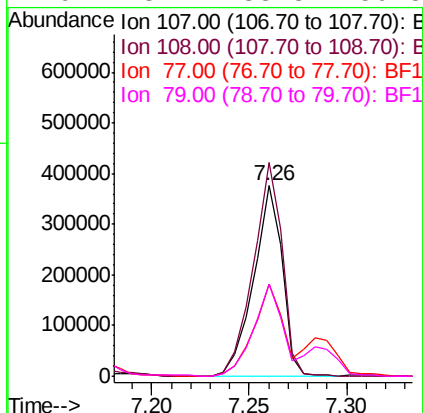
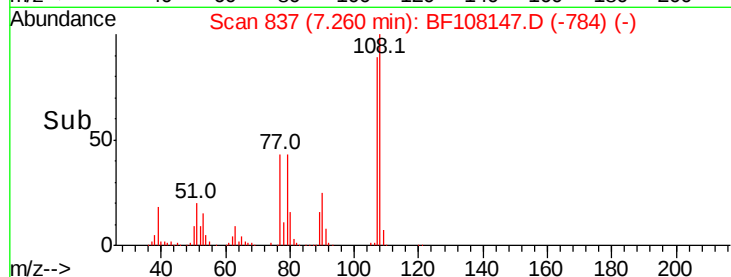
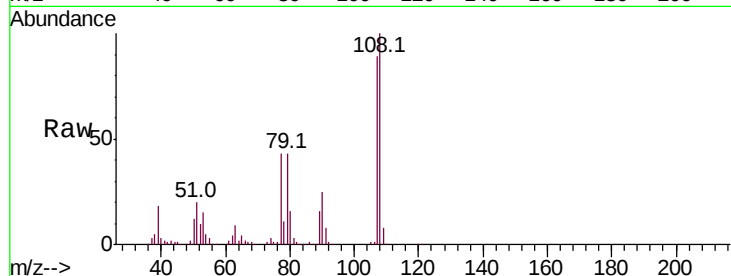




#17
2-Methylphenol
Concen: 36.809 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

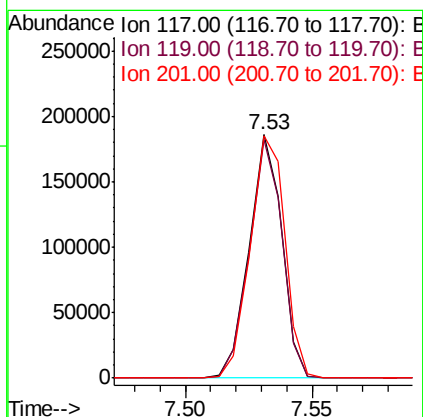
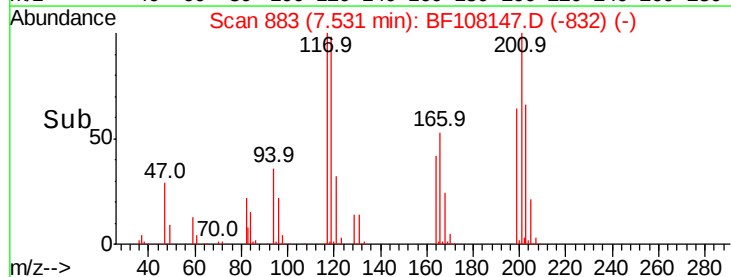
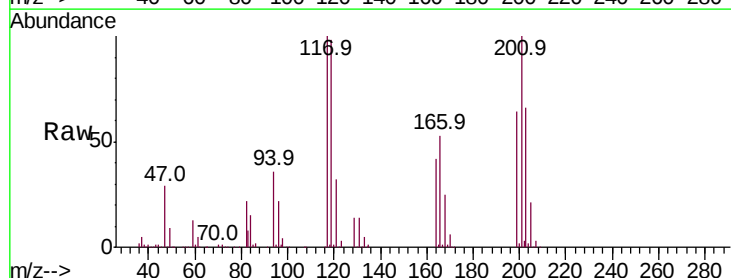
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

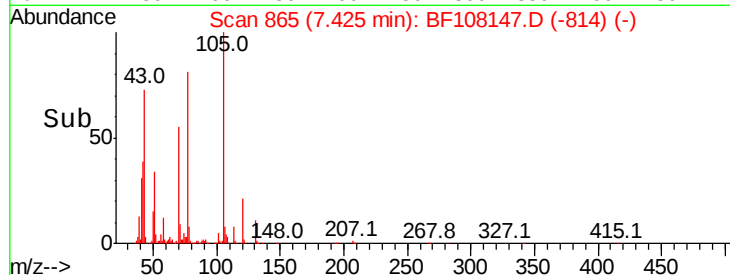
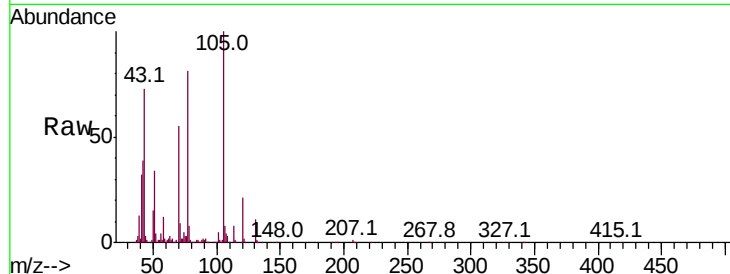
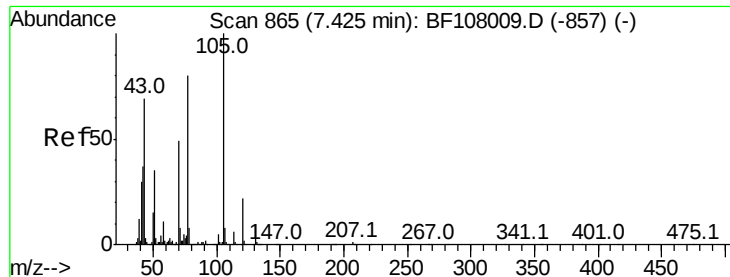
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	48.2	33.8	50.8
79	48.7	33.8	50.8



#18
Hexachloroethane
Concen: 33.679 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.8	113.8
201	99.6	75.7	113.5

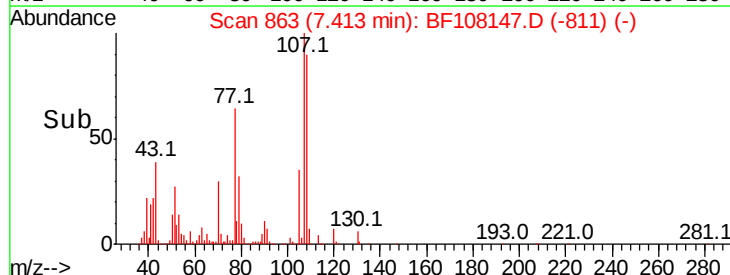
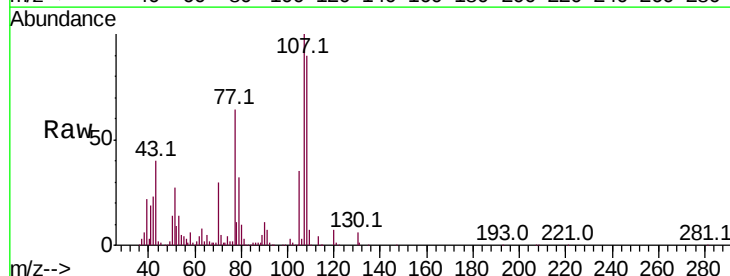
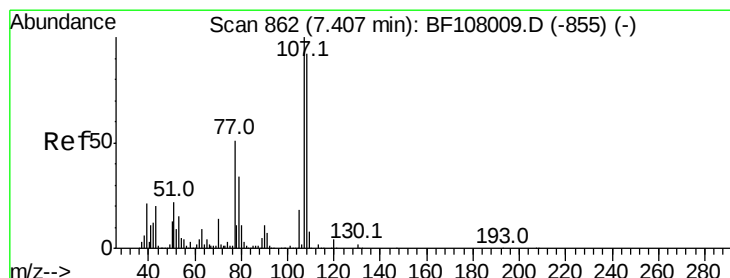
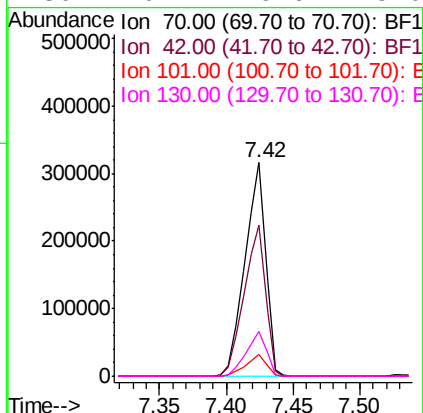




#19
n-Nitroso-di-n-propylamine
Concen: 35.244 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

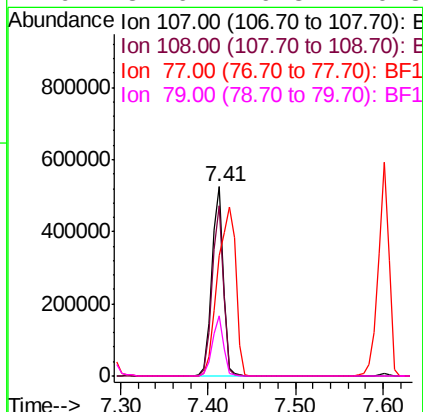
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

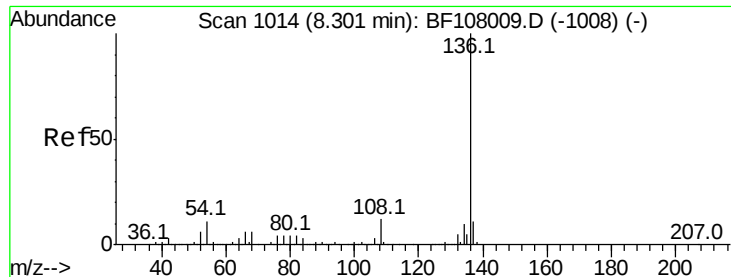
Tot Ion:	70	Resp:	338478
Ion	Ratio	Lower	Upper
70	100		
42	70.9	47.5	71.3
101	10.0	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.441 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:	107	Resp:	482027
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	63.6	26.7	66.7
79	31.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

Tot Ion:136 Resp: 685225

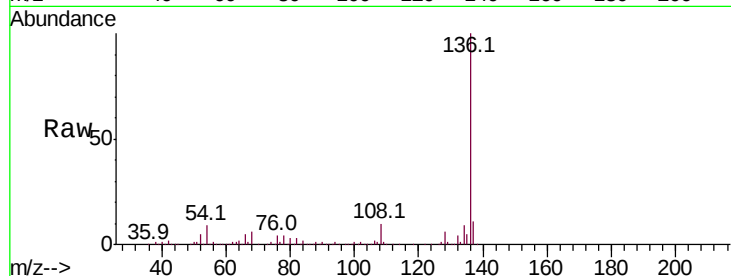
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 5.8 5.0 7.4

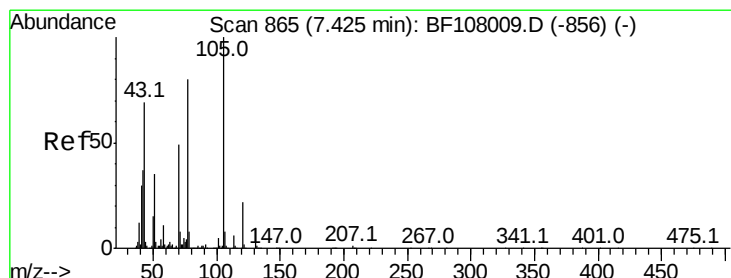
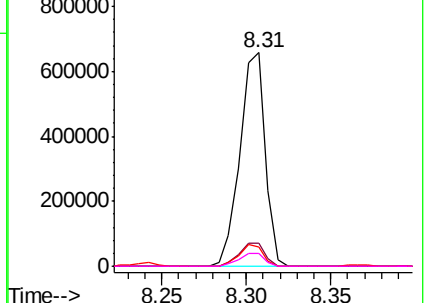
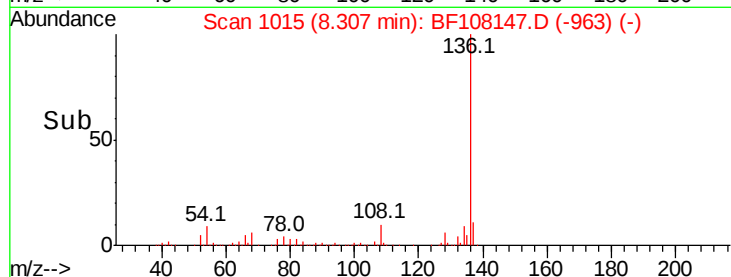


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.766 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Tgt Ion:105 Resp: 653168

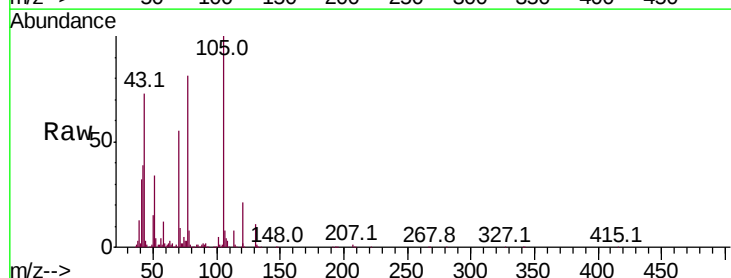
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 33.7 22.3 33.5#

120 21.1 16.9 25.3

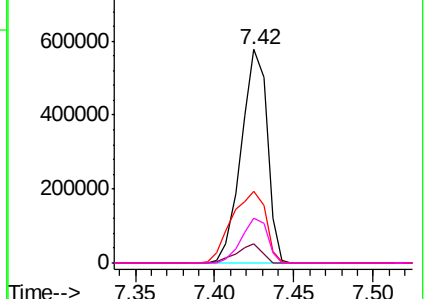
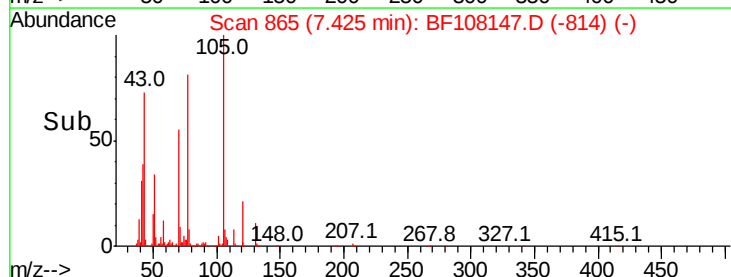


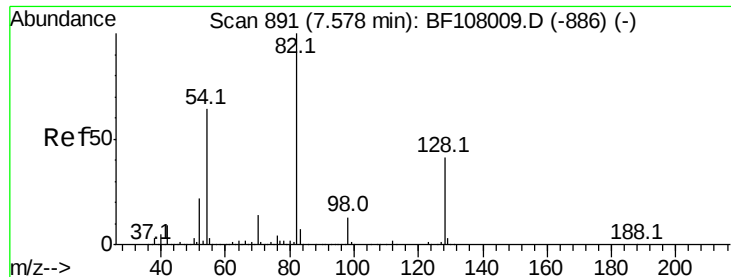
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

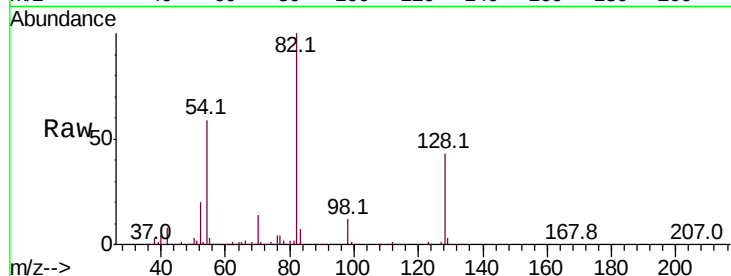




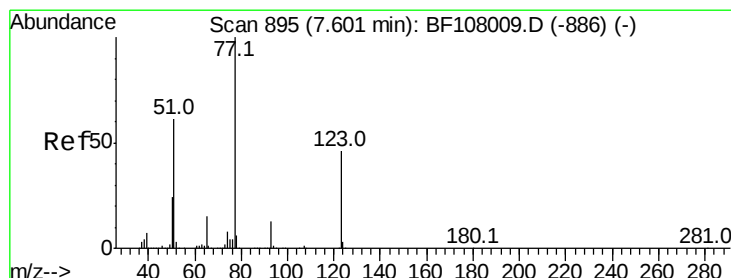
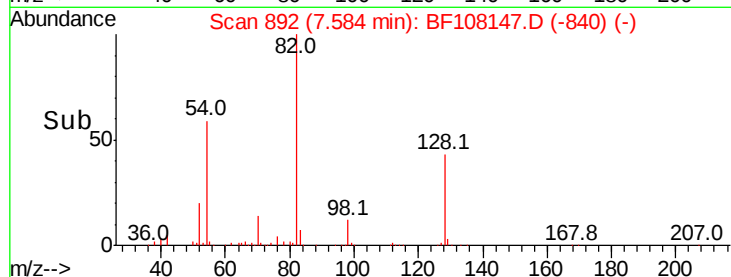
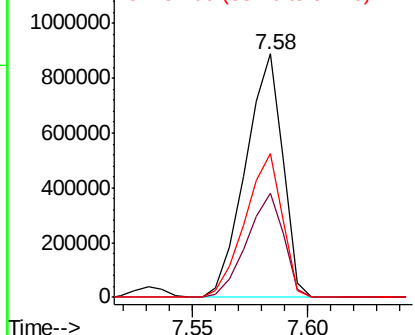
#23
 Nitrobenzene-d5
 Concen: 81.358 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

Tot Ion: 82 Resp: 999046
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 59.1 41.4 62.2

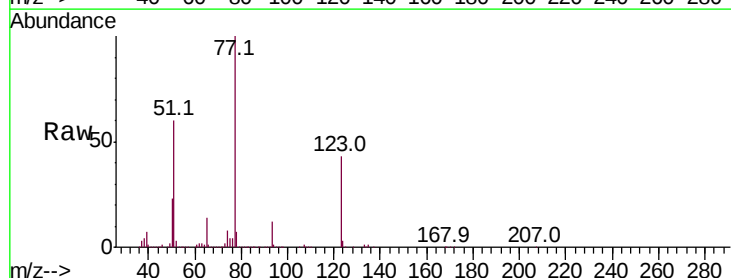


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

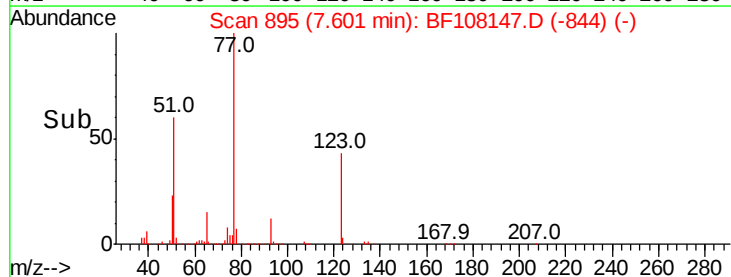
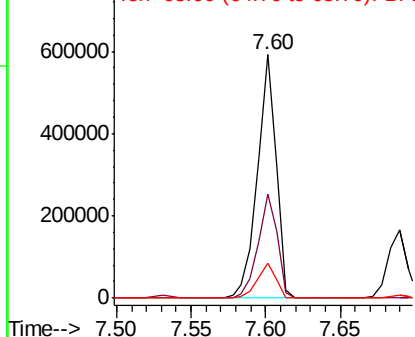


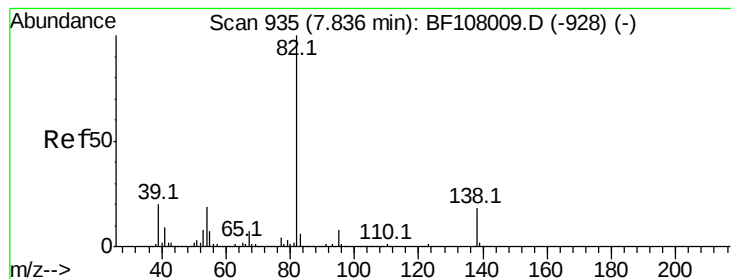
#24
 Nitrobenzene
 Concen: 40.798 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion: 77 Resp: 506603
 Ion Ratio Lower Upper
 77 100
 123 42.7 37.9 56.9
 65 14.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.556 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

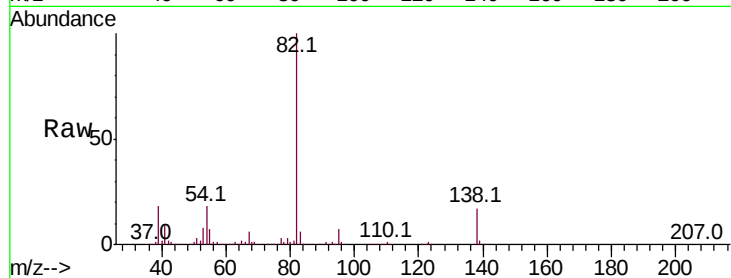
Tot Ion: 82 Resp: 902423

Ion Ratio Lower Upper

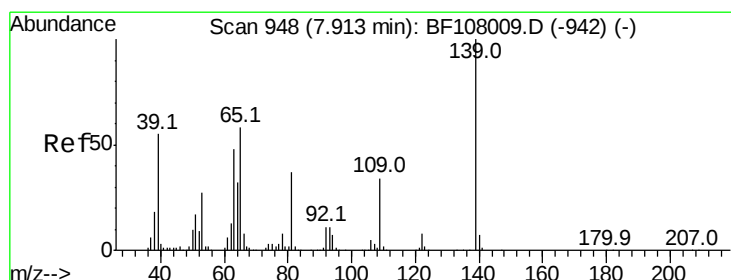
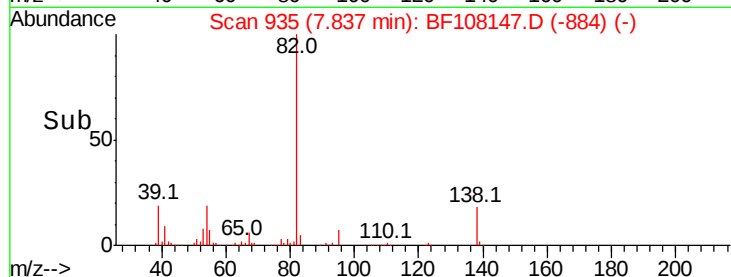
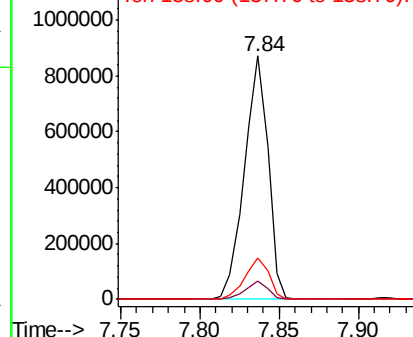
82 100

95 7.3 5.2 7.8

138 17.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.137 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

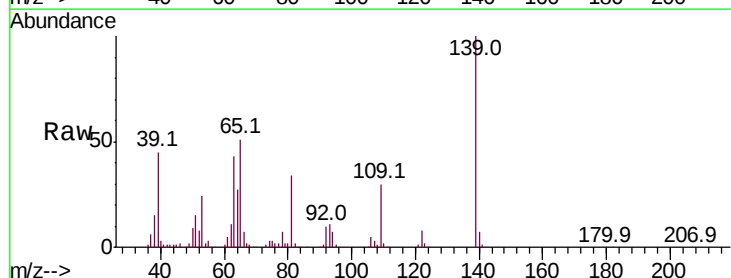
Tgt Ion: 139 Resp: 202287

Ion Ratio Lower Upper

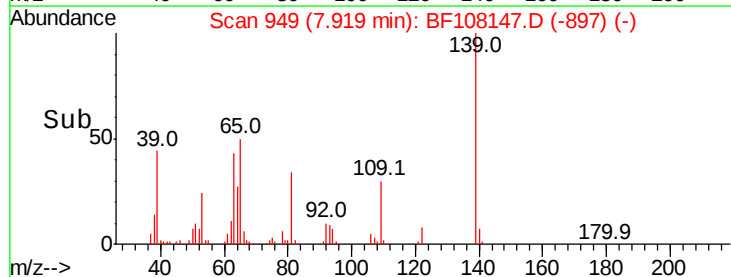
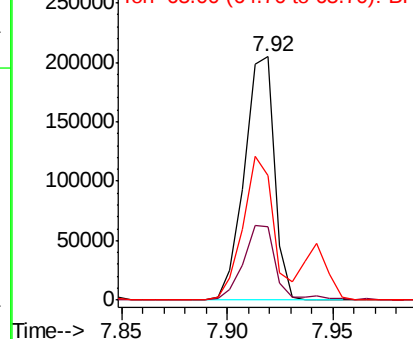
139 100

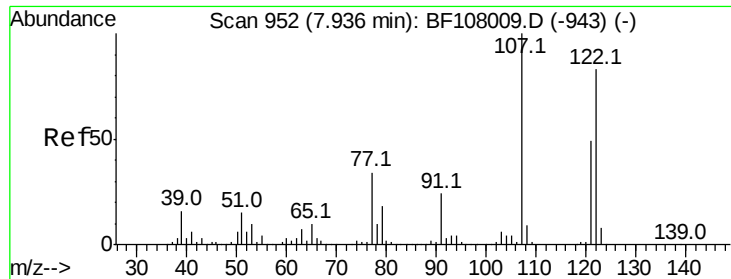
109 30.3 22.7 34.1

65 51.2 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

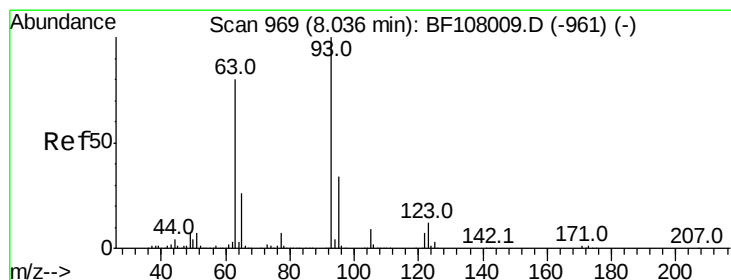
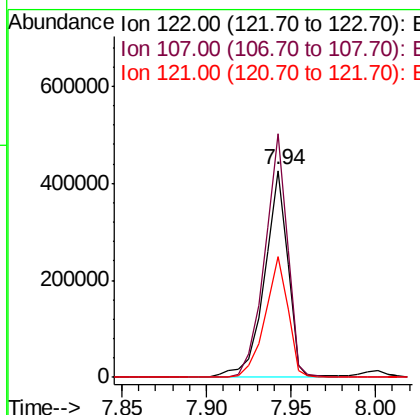
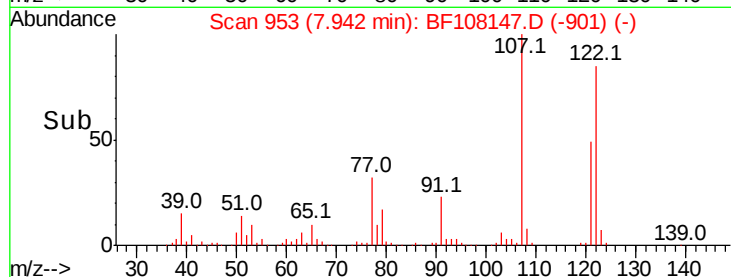
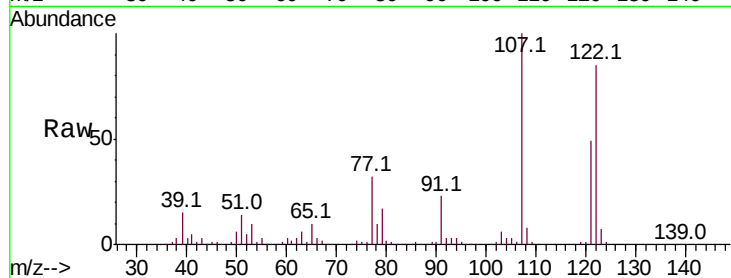




#27
 2,4-Dimethylphenol
 Concen: 39.258 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

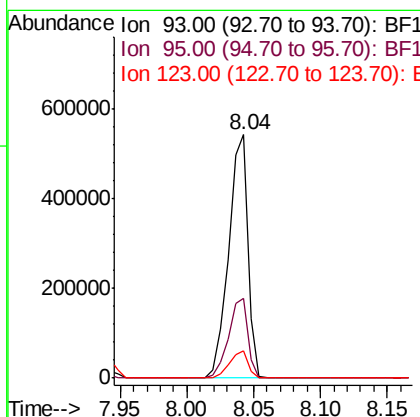
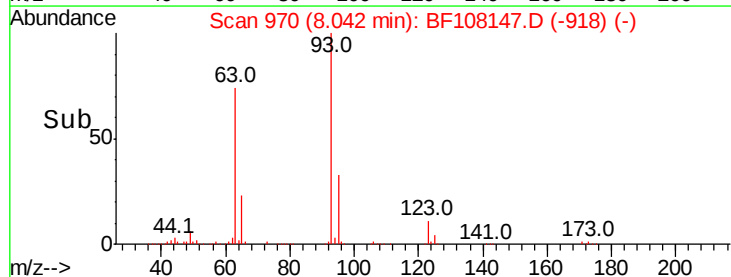
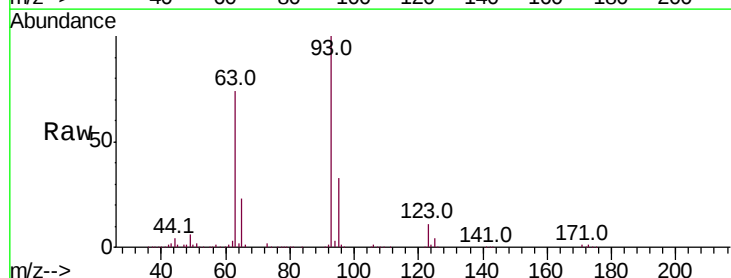
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

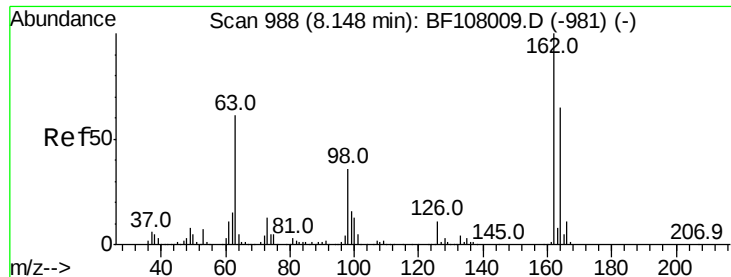
Tot Ion:122 Resp: 407820
 Ion Ratio Lower Upper
 122 100
 107 117.8 91.2 136.8
 121 58.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.605 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion: 93 Resp: 554817
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.4 9.8 14.6

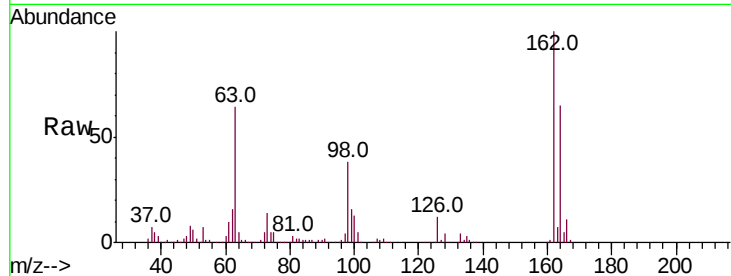




#29
2,4-Dichlorophenol
Concen: 39.387 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	38.4	18.1	58.1

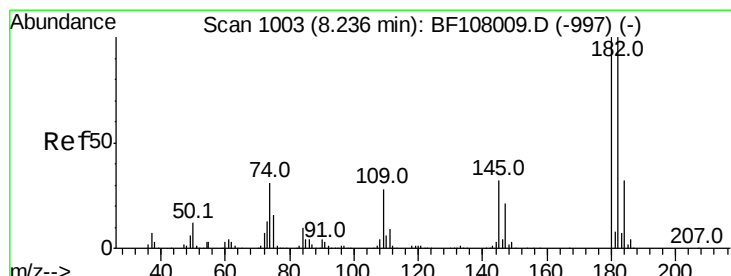
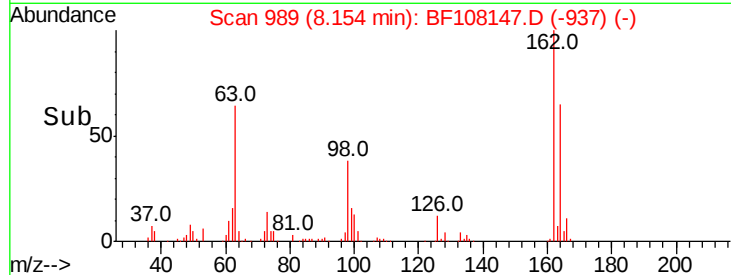
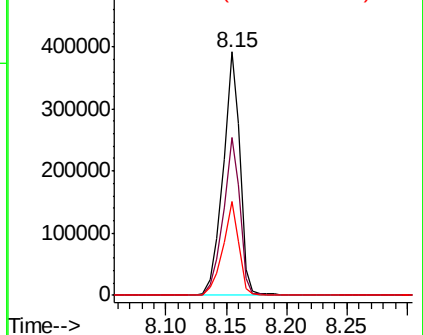


Abundance

Ion 162.00 (161.70 to 162.70): E

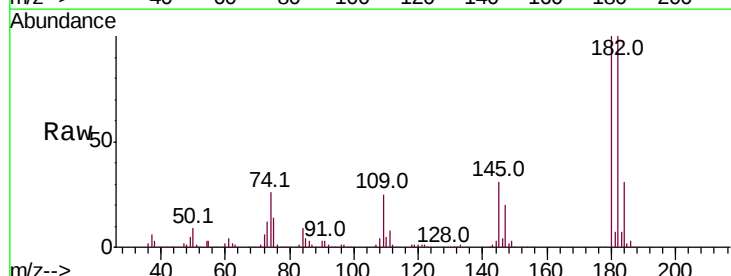
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.608 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.8	115.2
145	31.3	26.5	39.7

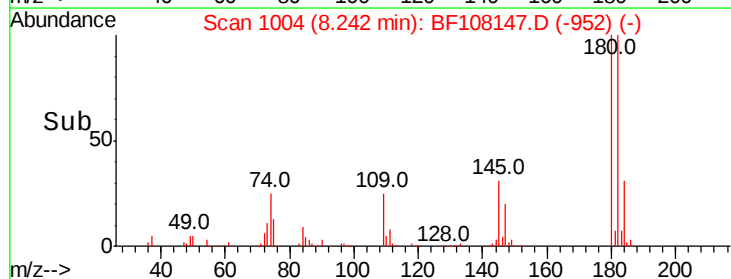
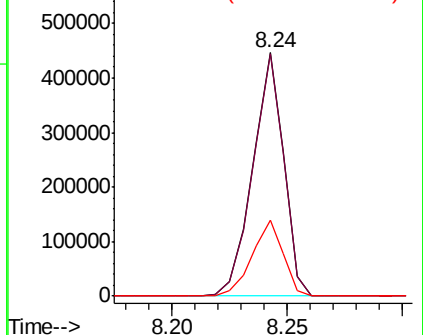


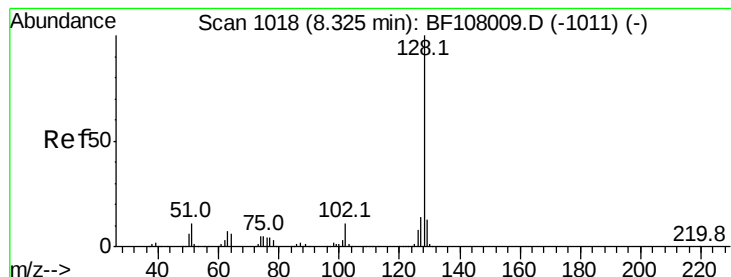
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.487 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

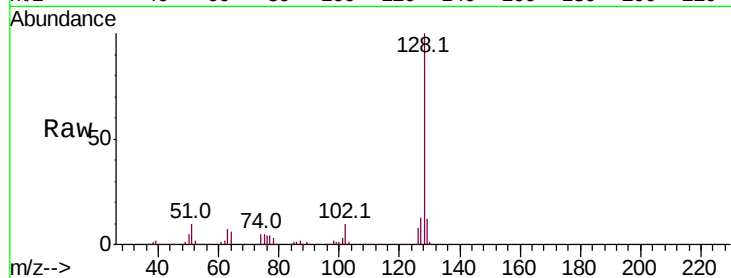
Tot Ion:128 Resp: 1261694

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

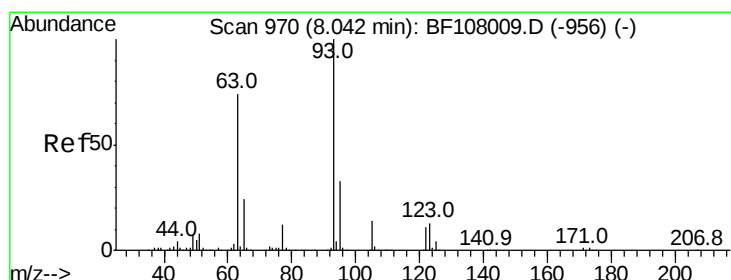
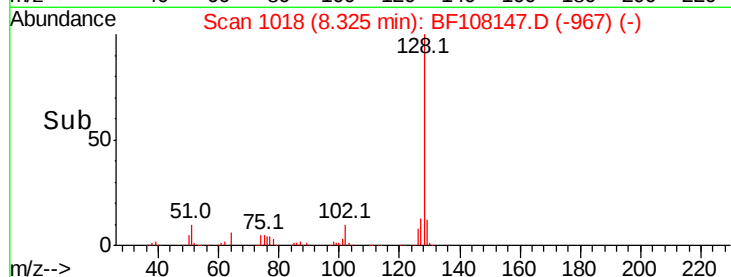
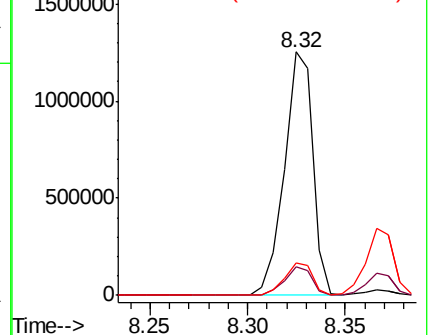
127 13.4 10.9 16.3



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: 8.381 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

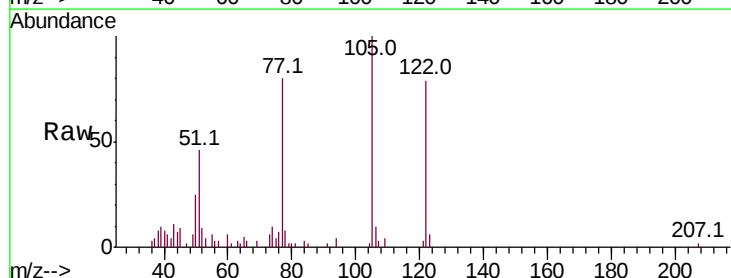
Tgt Ion:122 Resp: 16567

Ion Ratio Lower Upper

122 100

105 127.2 101.1 141.1

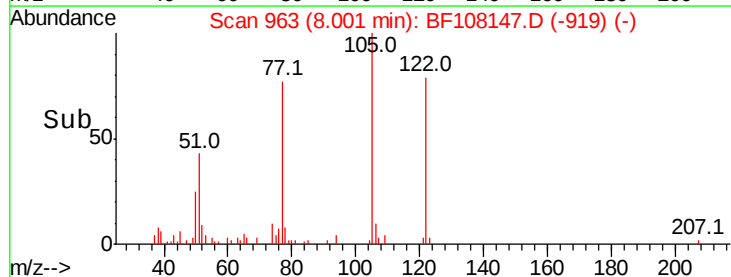
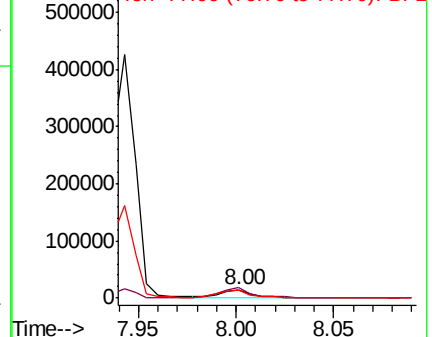
77 102.1 70.7 110.7



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): BF1

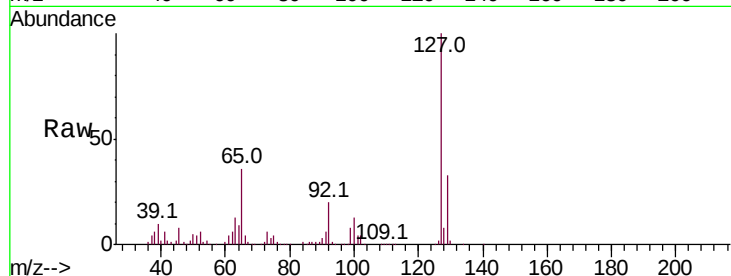




#33
4-Chloroaniline
Concen: 25.428 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

Tot Ion:	127	Resp:	345318
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	36.4	25.0	37.4
92	20.4	15.2	22.8



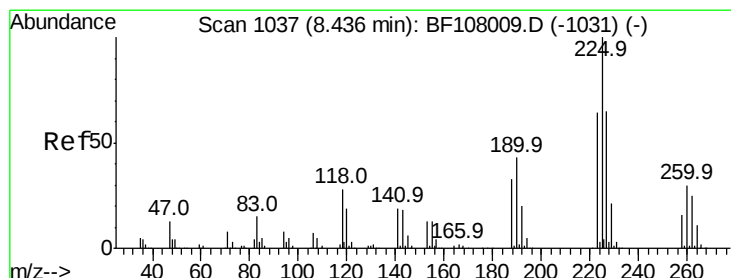
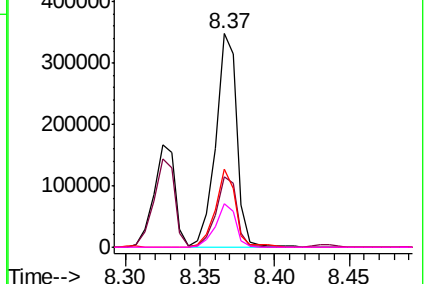
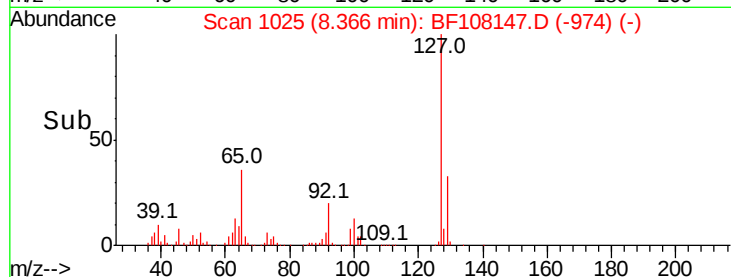
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

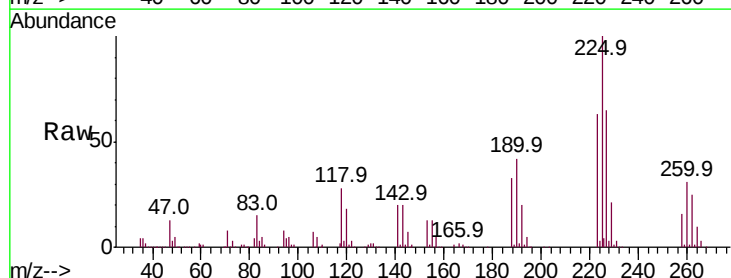
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.294 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:	225	Resp:	268854
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.7	51.9	77.9

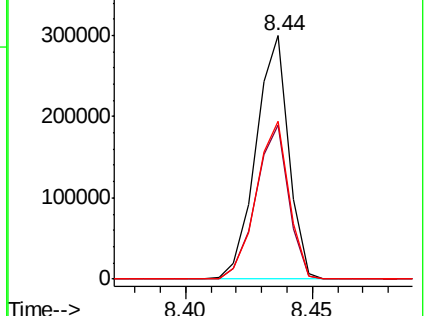
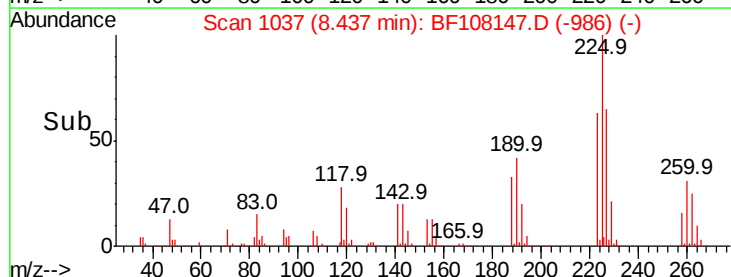


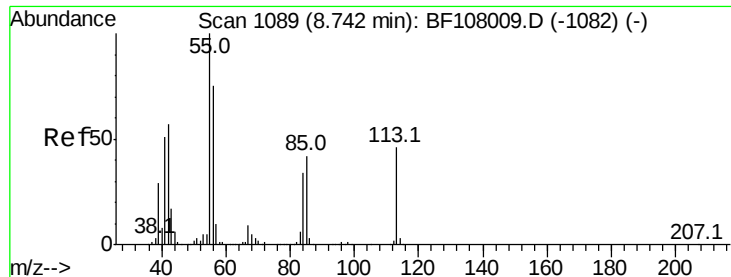
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.808 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

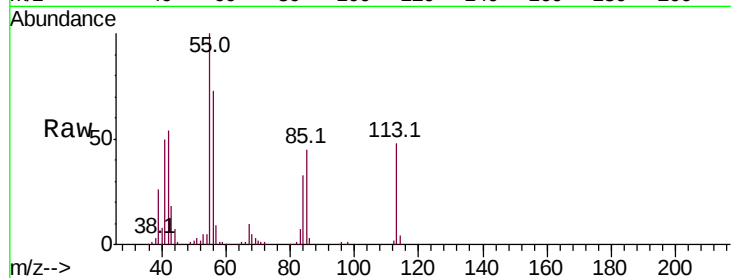
Tot Ion:113 Resp: 95290

Ion Ratio Lower Upper

113 100

55 210.3 163.3 203.3#

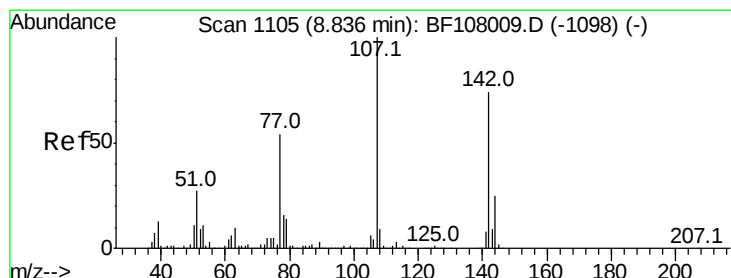
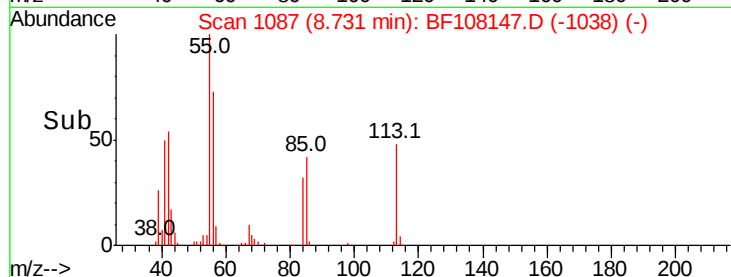
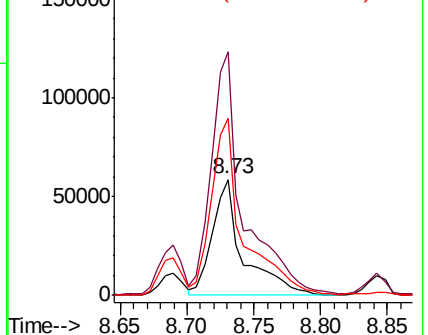
56 153.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.511 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

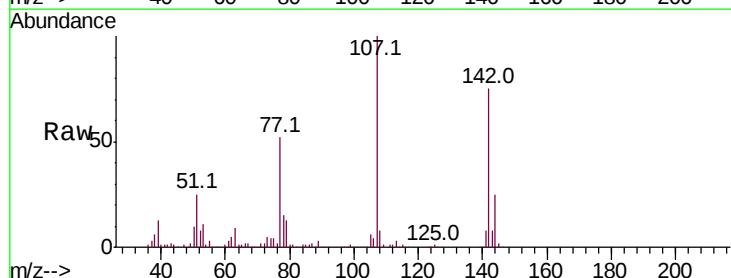
Tgt Ion:107 Resp: 376541

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

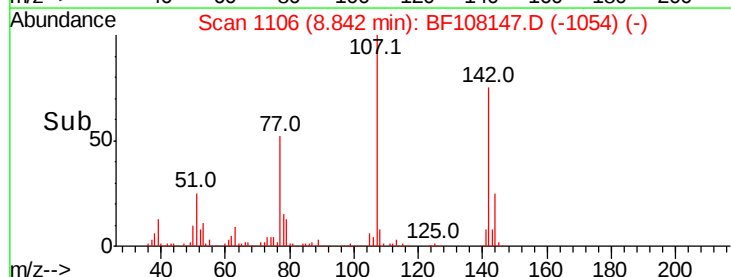
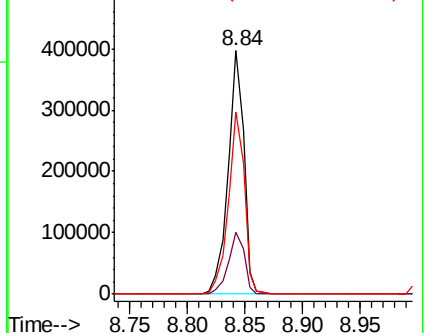
142 74.7 62.0 93.0

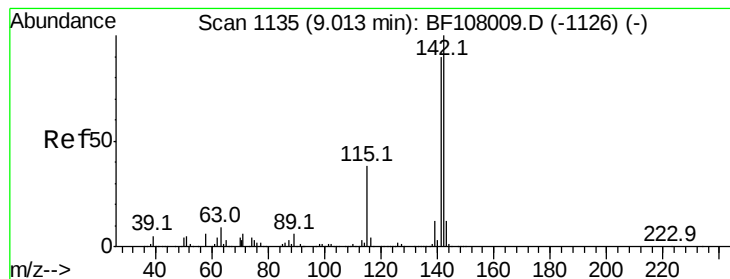


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

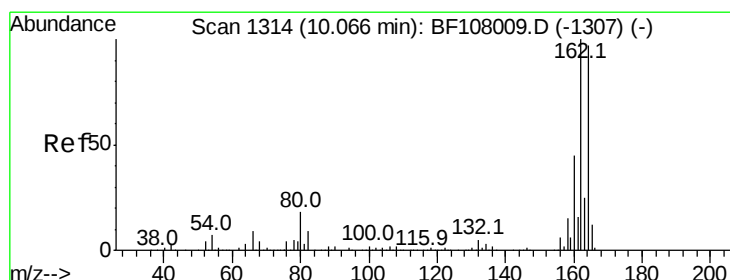
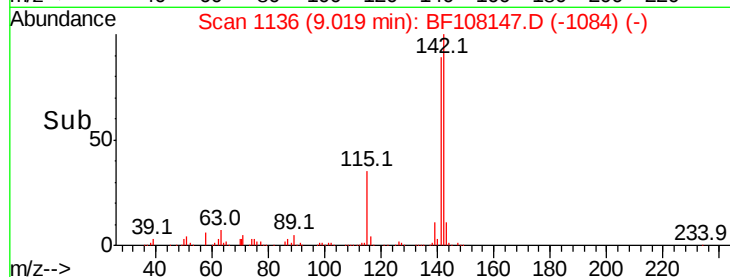
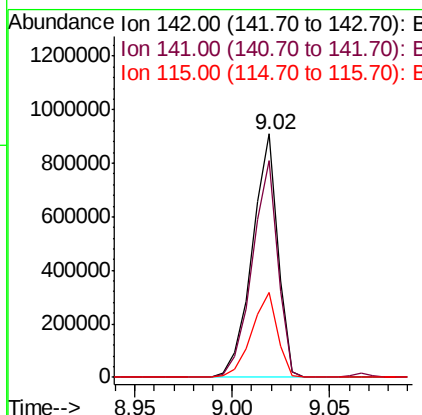
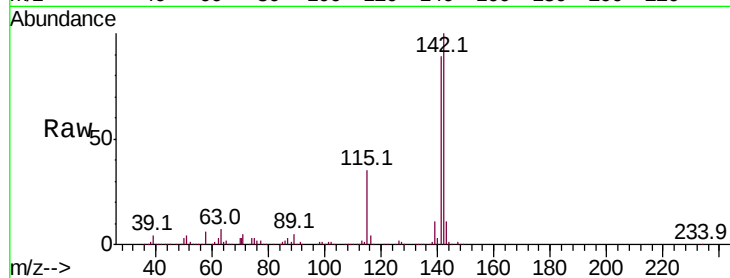




#37
 2-Methylnaphthalene
 Concen: 37.490 ng
 RT: 9.02 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

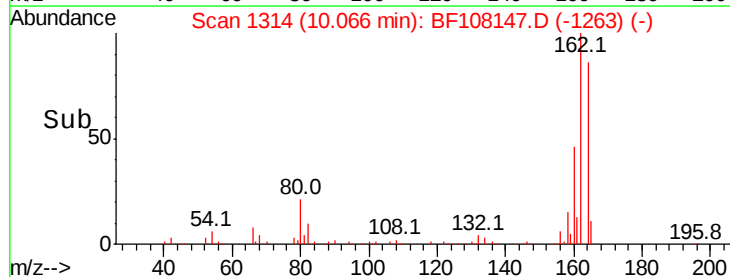
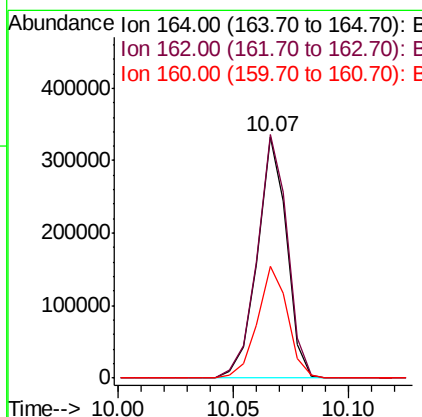
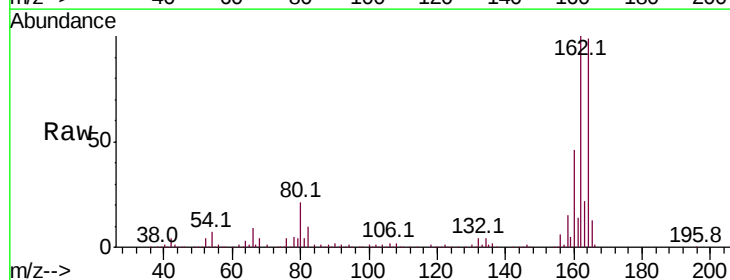
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

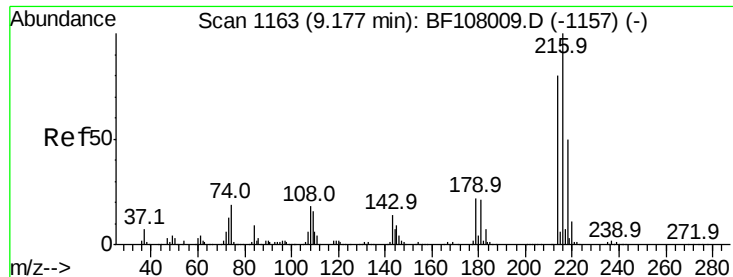
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	35.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.1	38.3	57.5

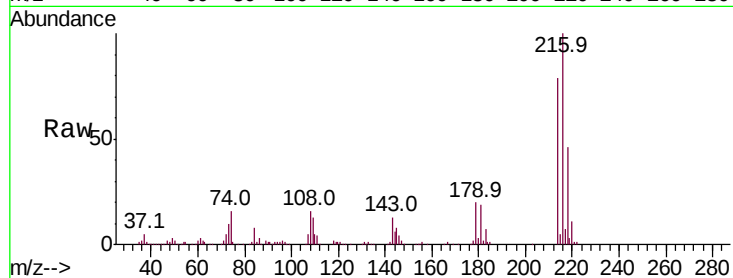




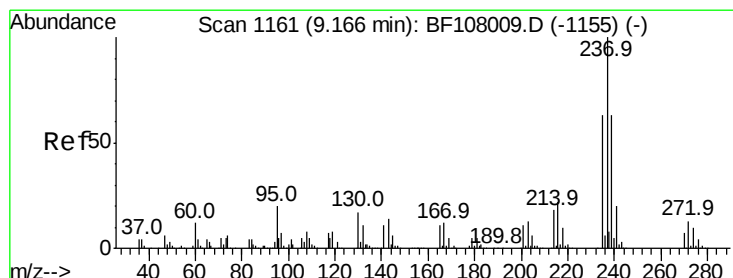
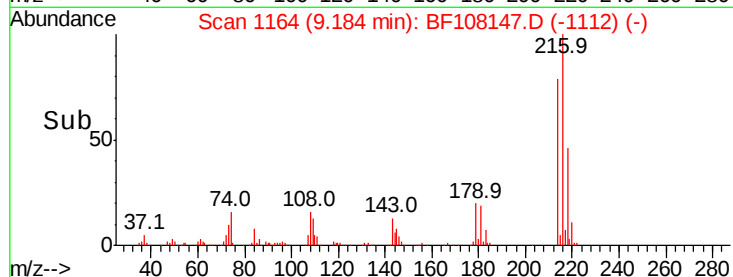
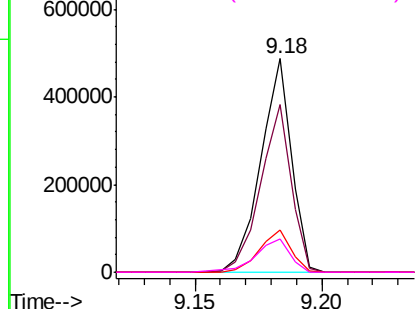
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.672 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

Tot Ion:	216	Resp:	413737
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.3	18.1	27.1
108	17.4	17.2	25.8

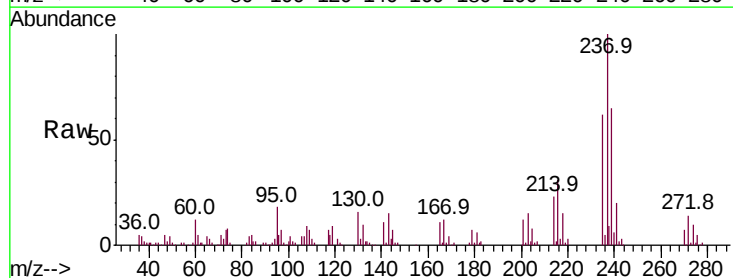


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

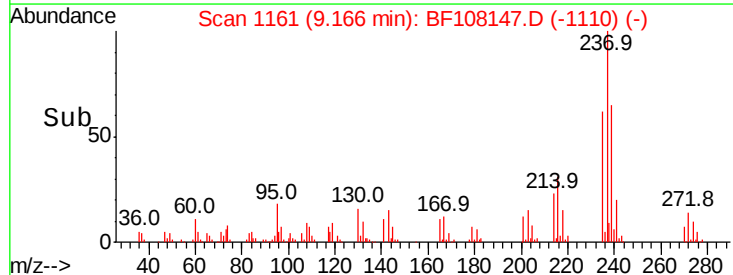
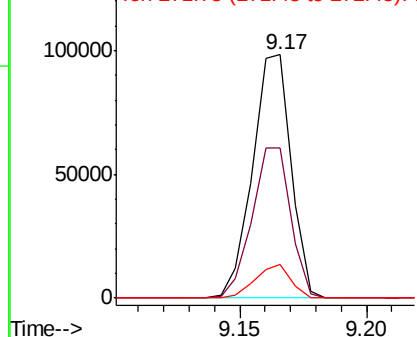


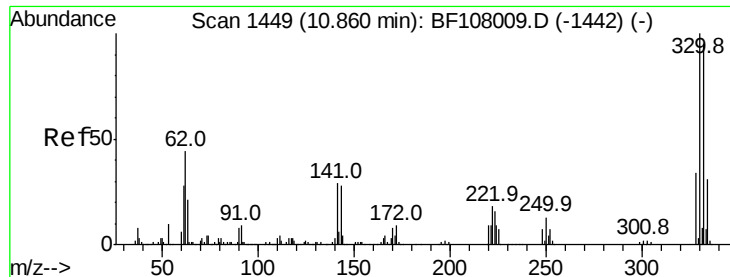
#40
 Hexachlorocyclopentadiene
 Concen: 17.755 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion:	237	Resp:	103888
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	13.8	0.0	33.3



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

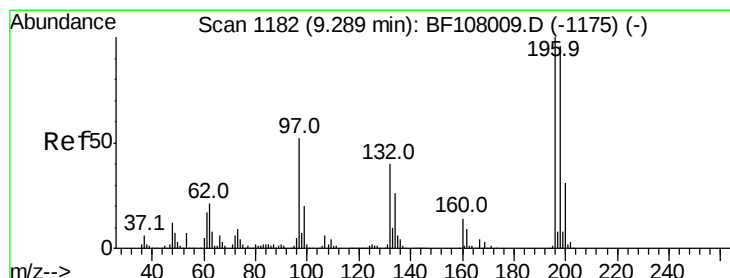
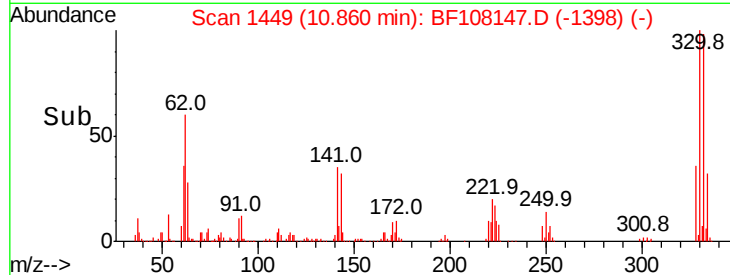
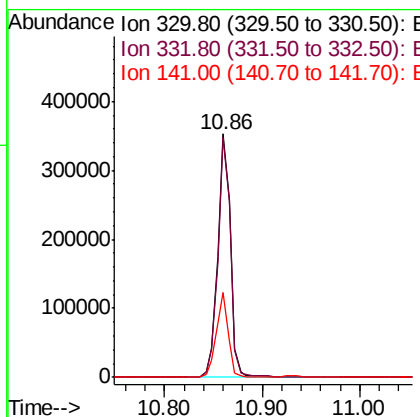
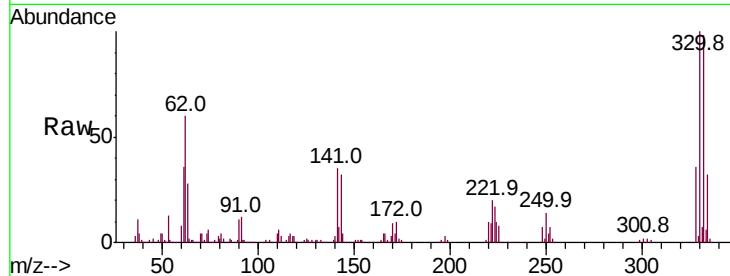




#41
 2,4,6-Tribromophenol
 Concen: 108.475 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

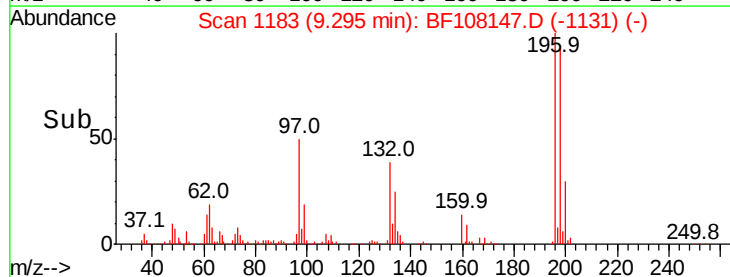
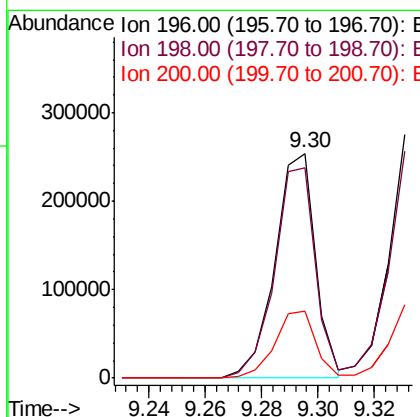
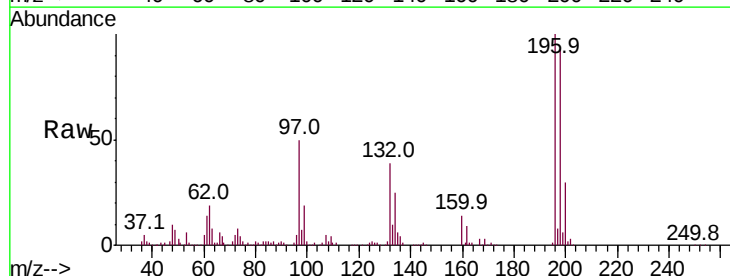
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

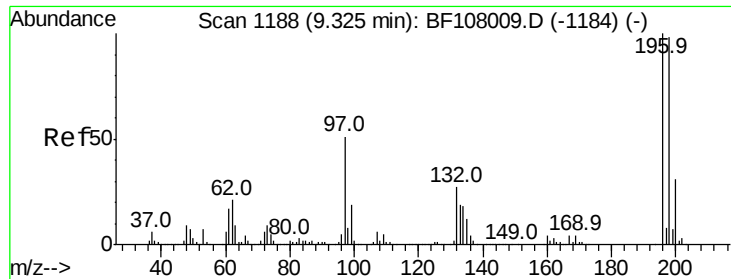
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	33.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.890 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	29.8	24.5	36.7

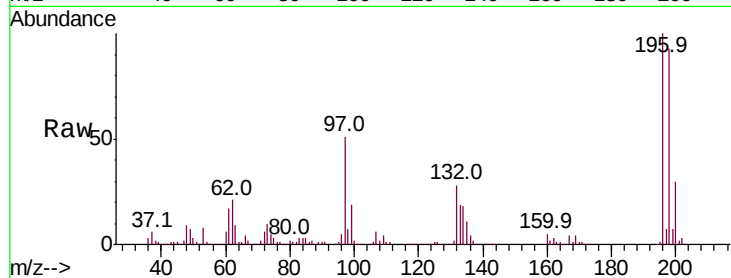




#43
 2,4,5-Trichlorophenol
 Concen: 42.523 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.6	112.0
97	51.0	42.9	64.3
132	28.0	26.3	39.5



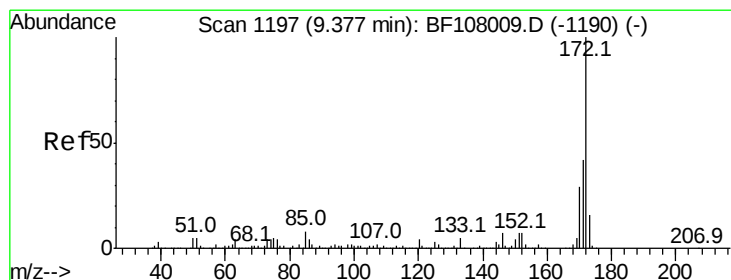
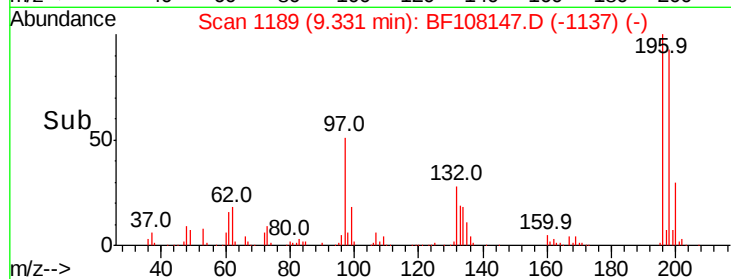
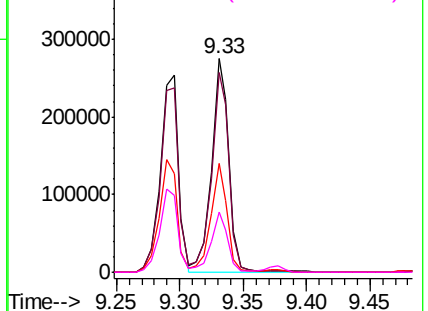
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

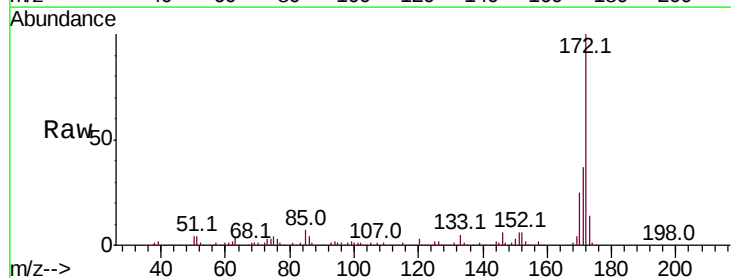
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.531 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.0	19.6	29.4

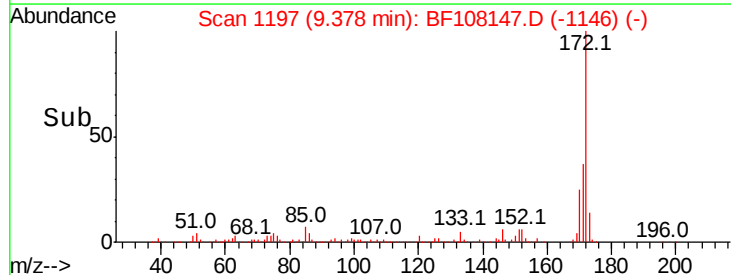
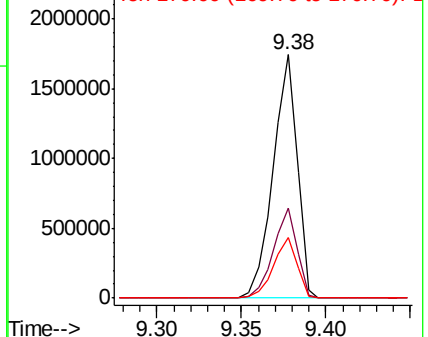


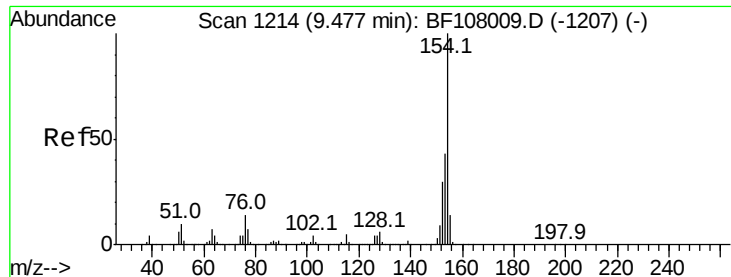
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

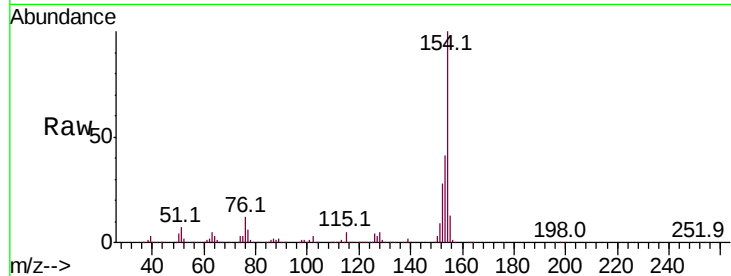




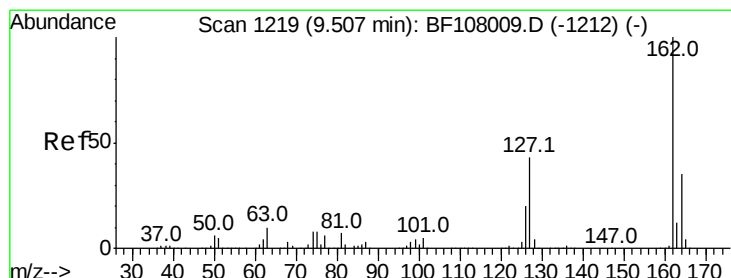
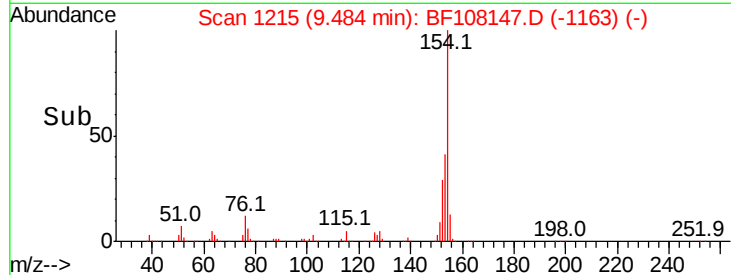
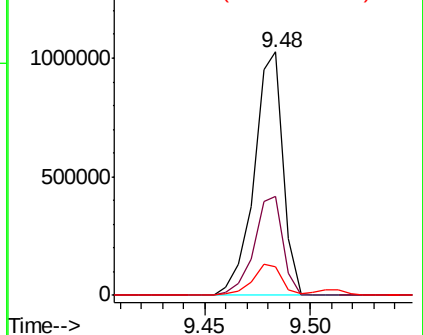
#45
 1,1'-Biphenyl
 Concen: 44.876 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	11.8	0.0	34.0

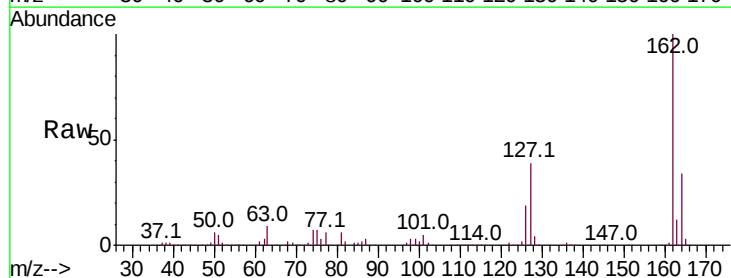


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

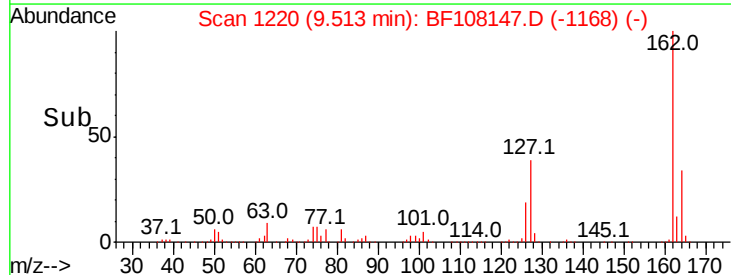
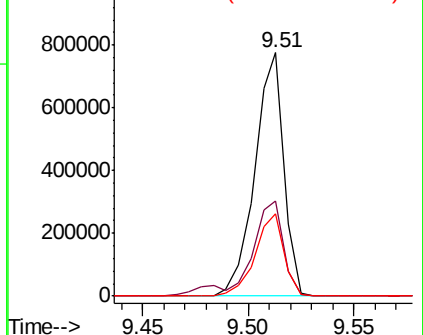


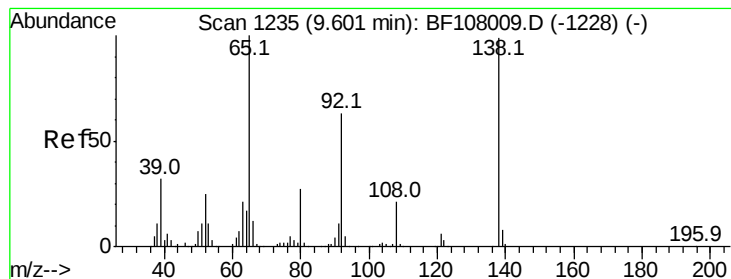
#46
 2-Chloronaphthalene
 Concen: 43.095 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	33.6	26.5	39.7



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: 43.714 ng

RT: 9.60 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

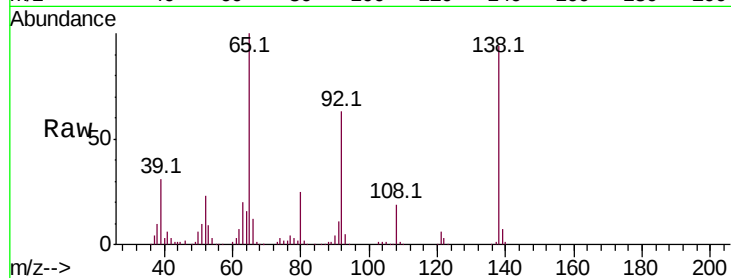
Tot Ion: 65 Resp: 243141

Ion Ratio Lower Upper

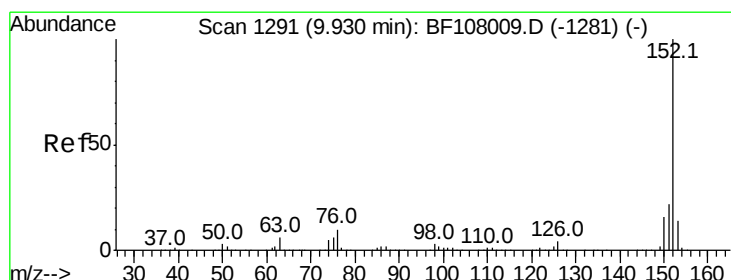
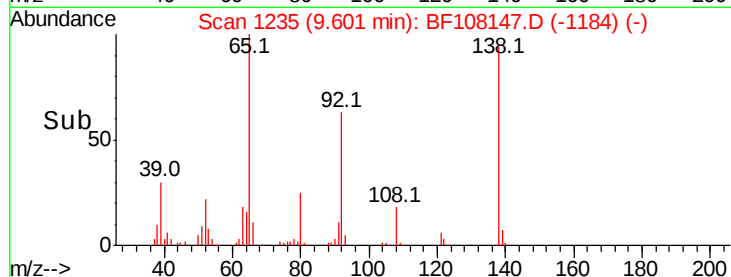
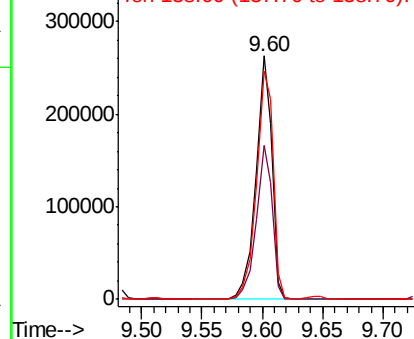
65 100

92 63.1 55.8 83.6

138 93.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.521 ng

RT: 9.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

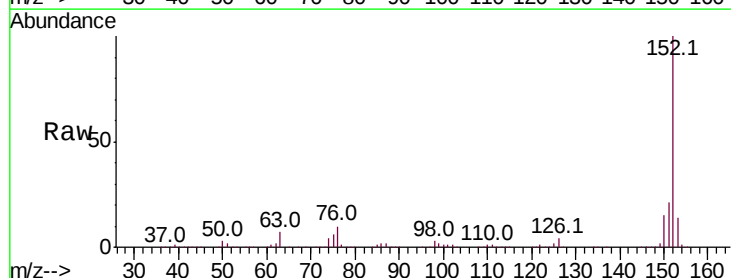
Tgt Ion: 152 Resp: 1128396

Ion Ratio Lower Upper

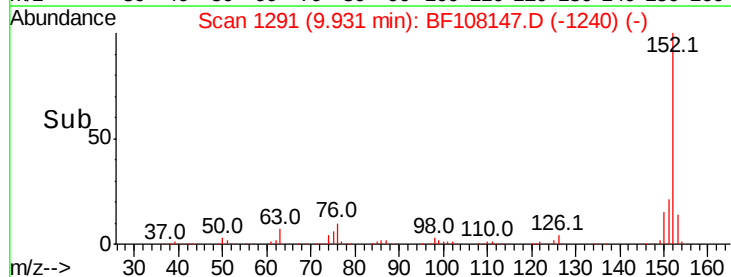
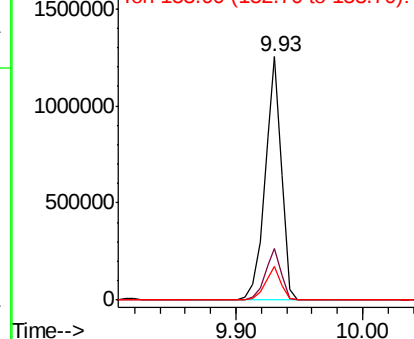
152 100

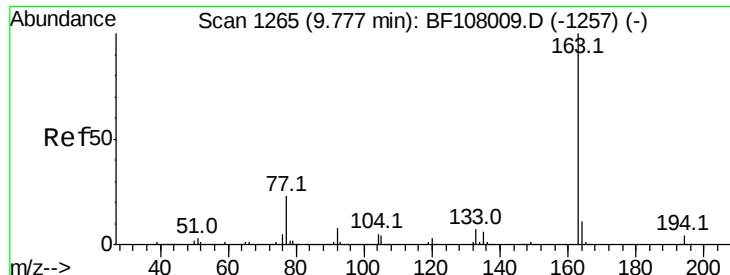
151 21.1 16.3 24.5

153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 50.248 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

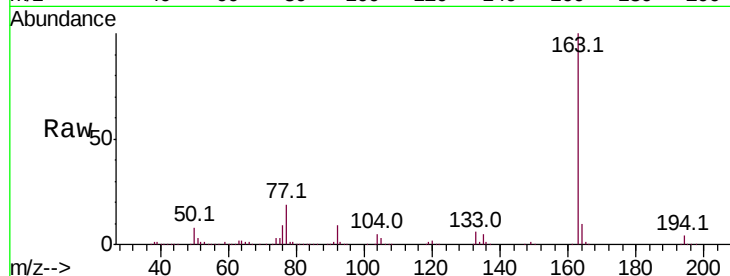
Tot Ion:163 Resp: 1032529

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

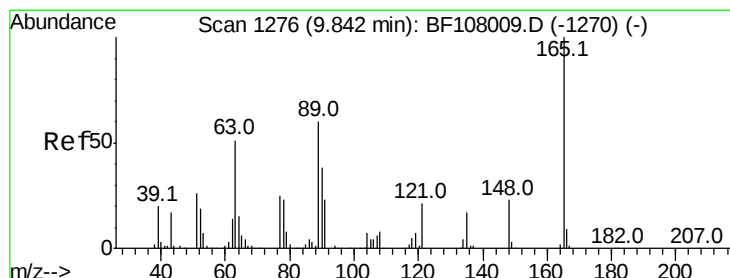
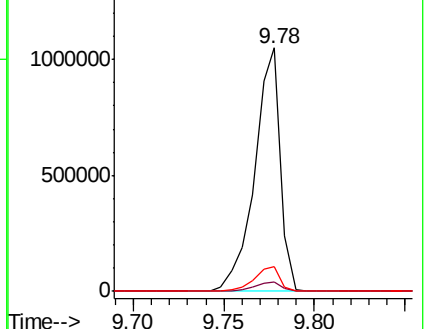
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.598 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

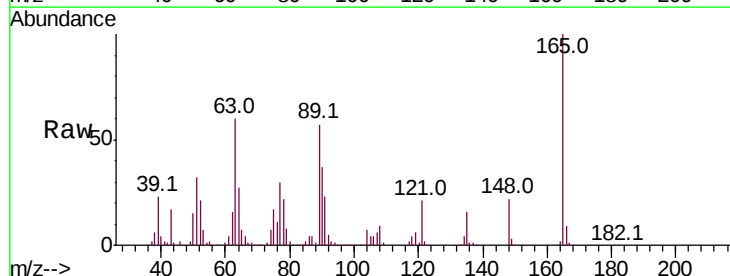
Tgt Ion:165 Resp: 174540

Ion Ratio Lower Upper

165 100

63 59.9 44.7 67.1

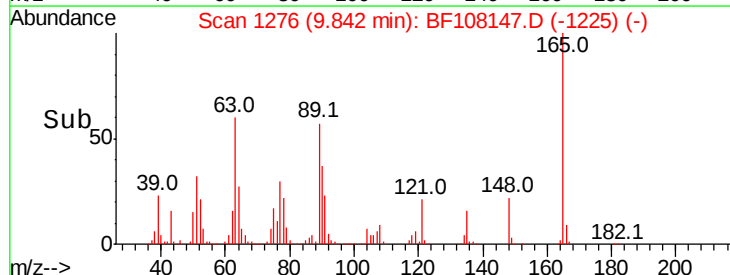
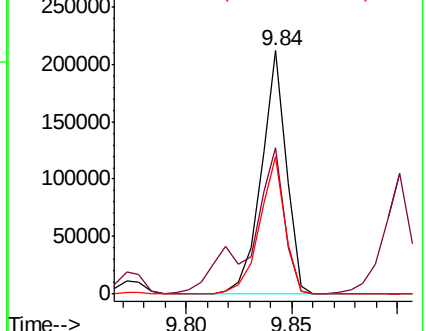
89 56.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.051 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

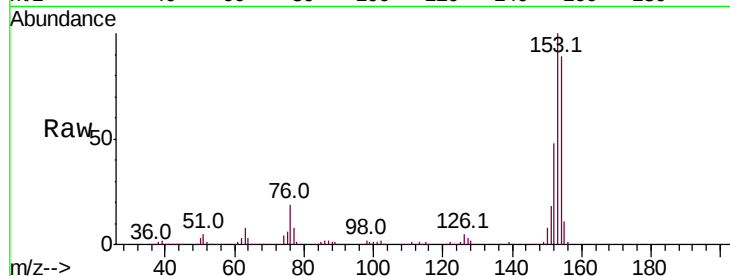
Tot Ion:154 Resp: 650022

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

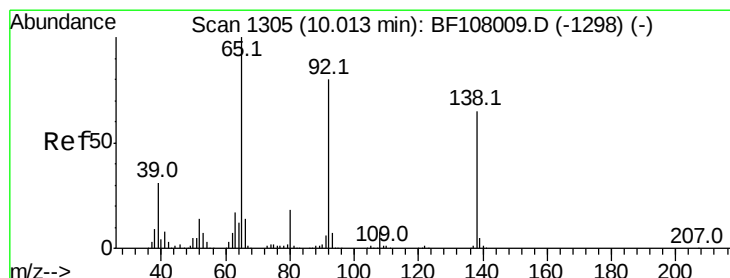
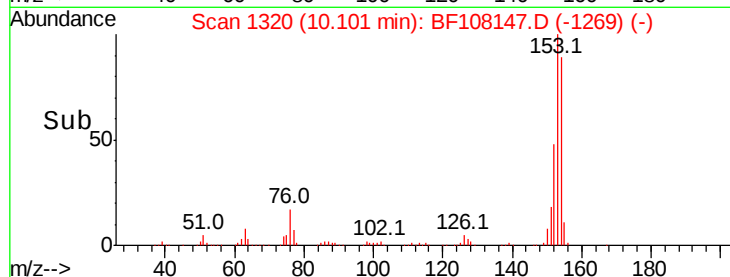
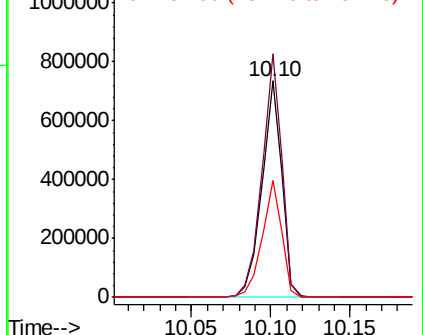
152 54.1 43.8 65.8



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: 33.901 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

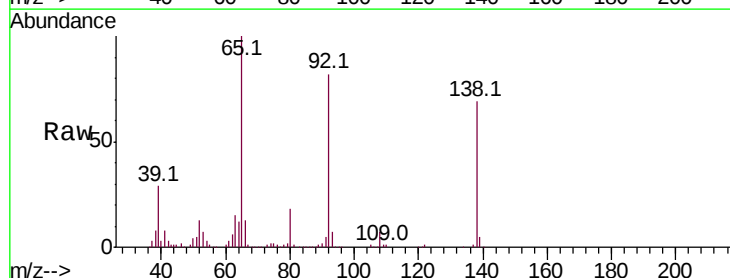
Tgt Ion:138 Resp: 159466

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

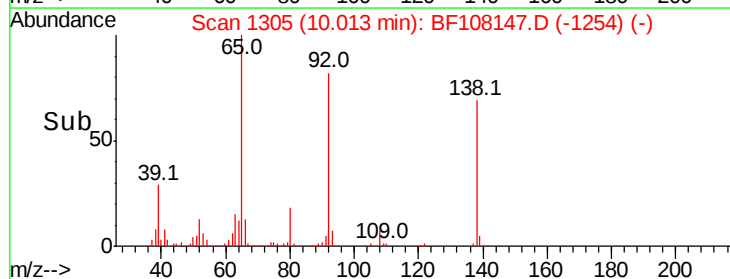
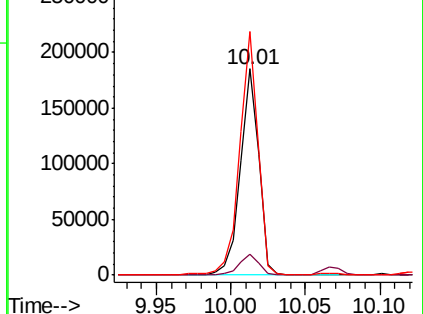
92 118.2 89.4 134.2

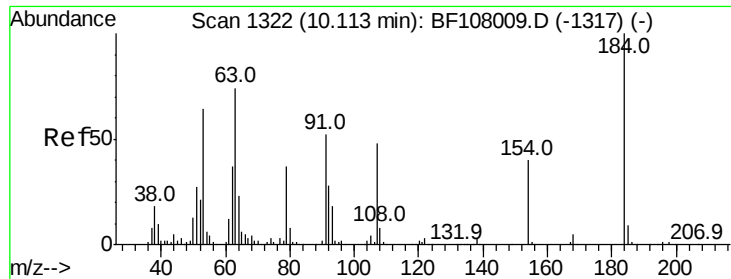


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

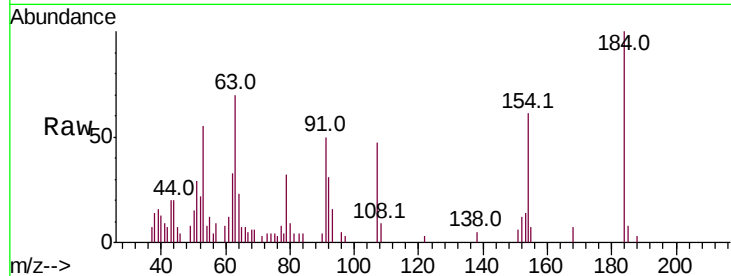




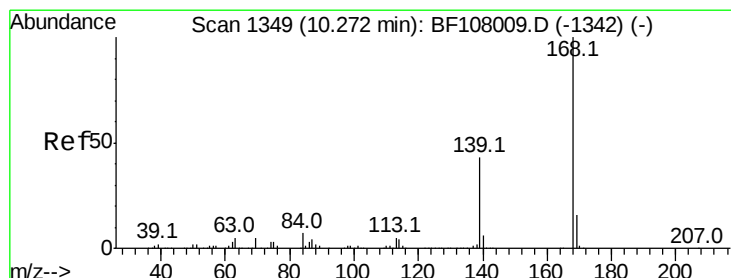
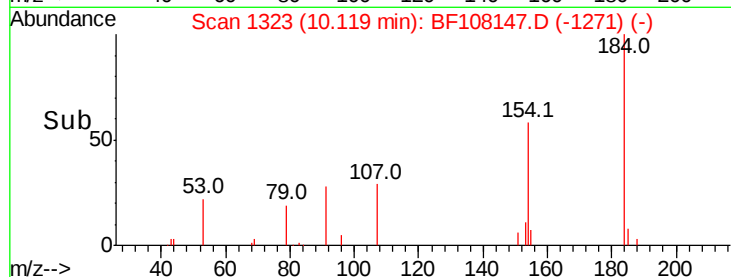
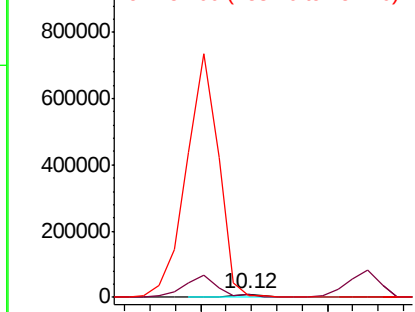
#53
2,4-Dinitrophenol
Concen: 11.785 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

Tot Ion:184 Resp: 8402
Ion Ratio Lower Upper
184 100
63 69.6 54.2 81.2
154 60.8 184.0 276.0#

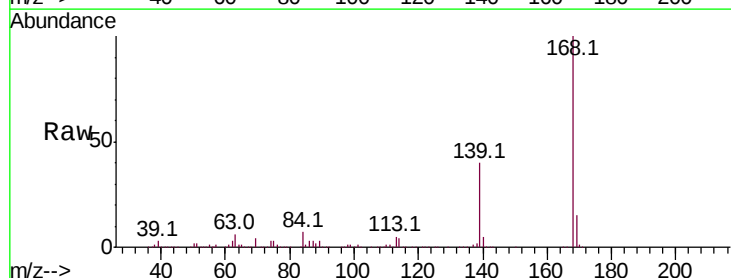


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

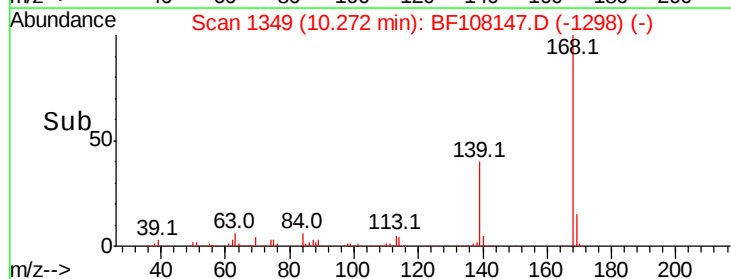
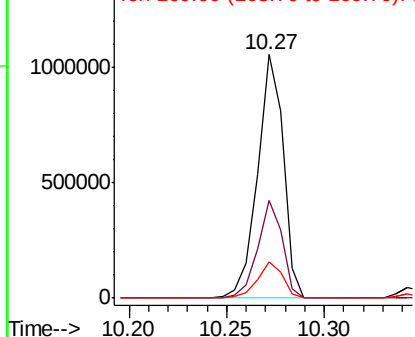


#54
Dibenzofuran
Concen: 39.851 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:168 Resp: 961025
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 14.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

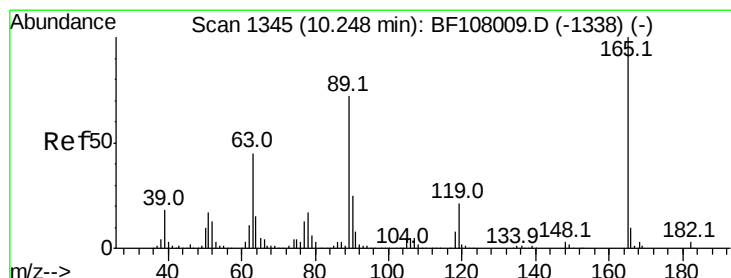
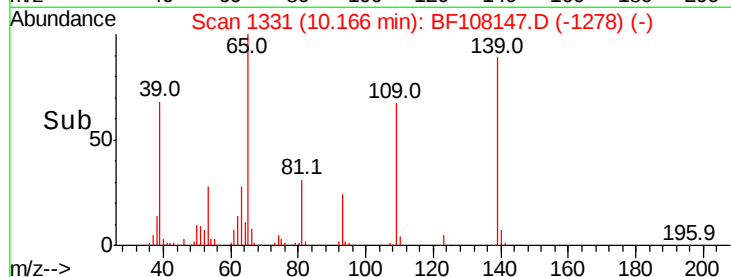
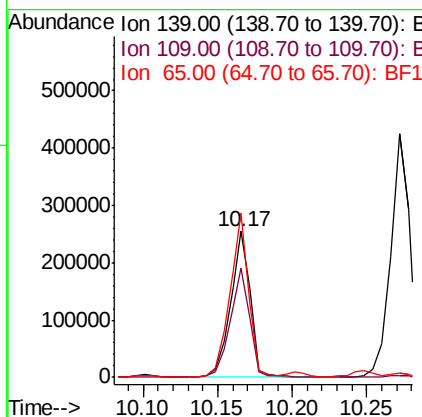
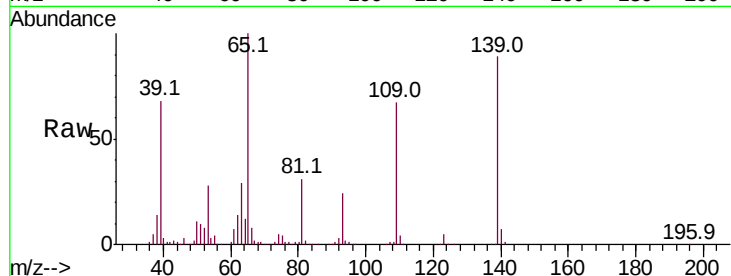




#55
4-Nitrophenol
Concen: 66.824 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

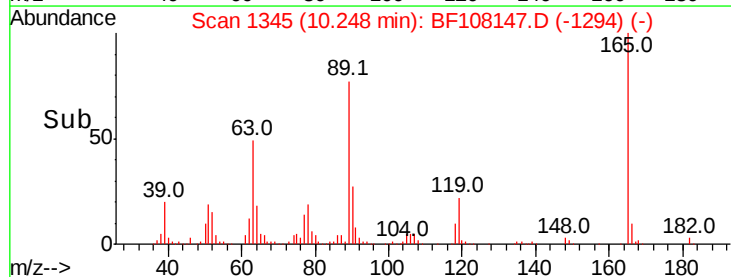
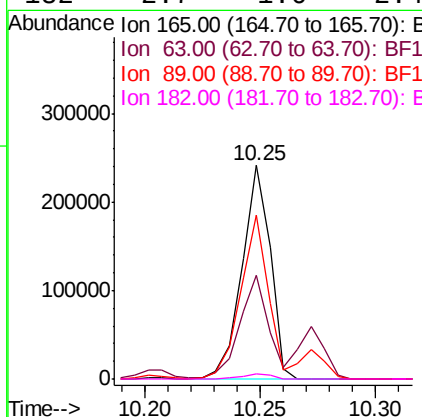
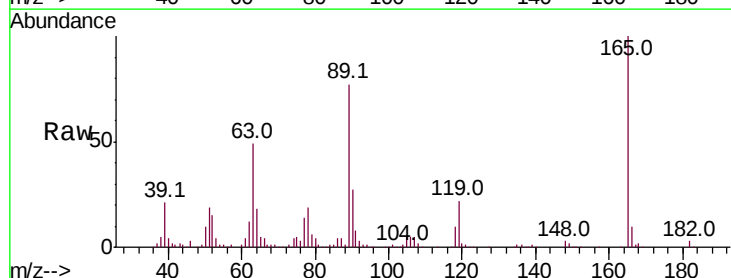
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

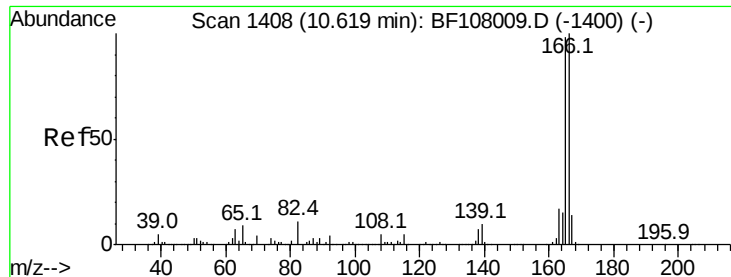
Tot Ion:139 Resp: 238026
Ion Ratio Lower Upper
139 100
109 75.0 48.4 88.4
65 112.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.432 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:165 Resp: 207146
Ion Ratio Lower Upper
165 100
63 48.8 36.4 54.6
89 76.7 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 37.940 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

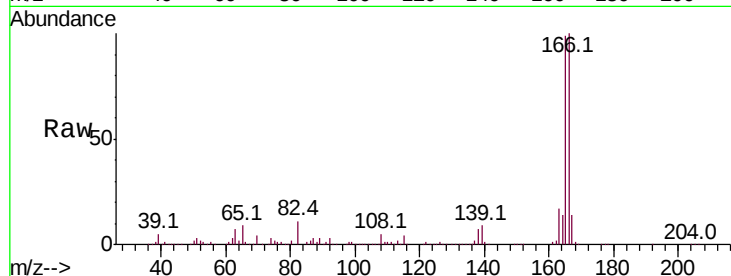
Tot Ion:166 Resp: 724291

Ion Ratio Lower Upper

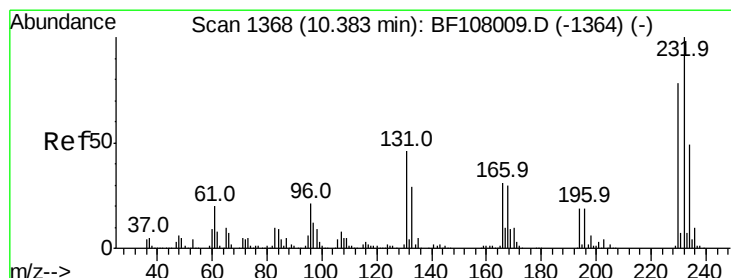
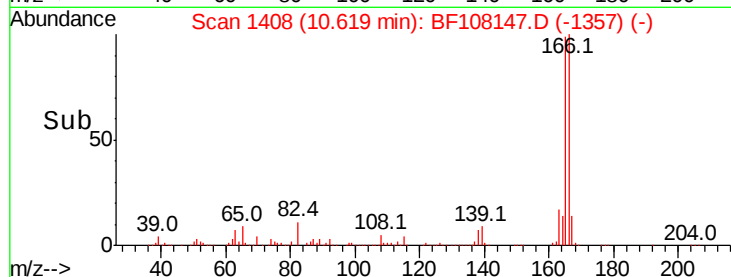
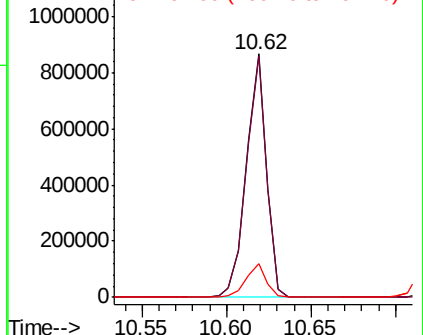
166 100

165 99.2 79.8 119.8

167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.067 ng

RT: 10.39 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Tgt Ion:232 Resp: 196895

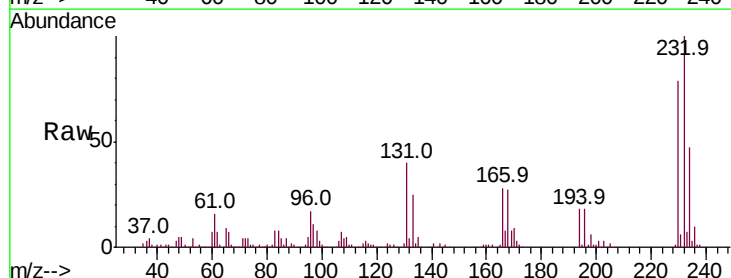
Ion Ratio Lower Upper

232 100

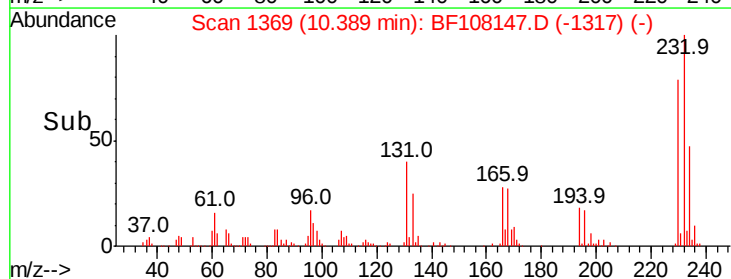
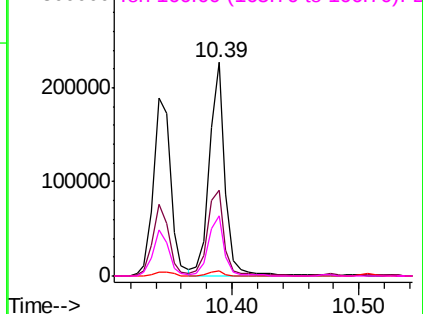
131 42.3 43.8 65.8#

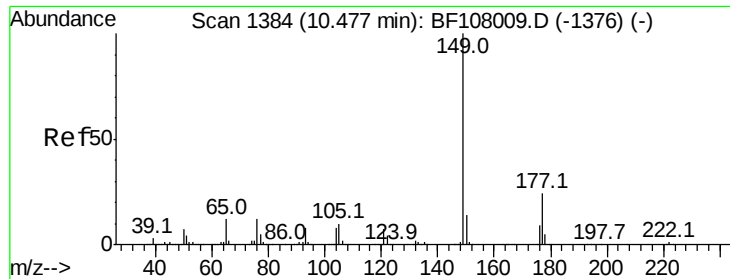
130 2.1 2.1 3.1

166 28.2 27.8 41.6



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

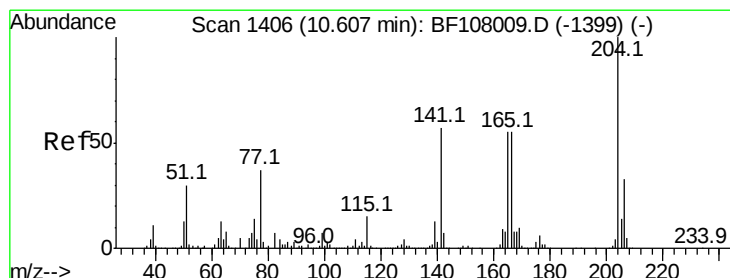
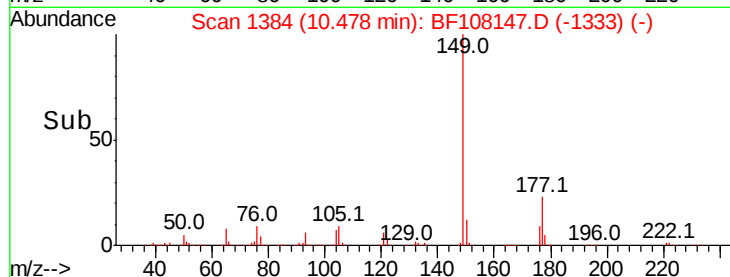
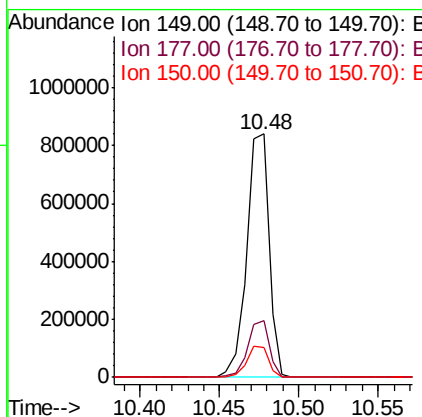
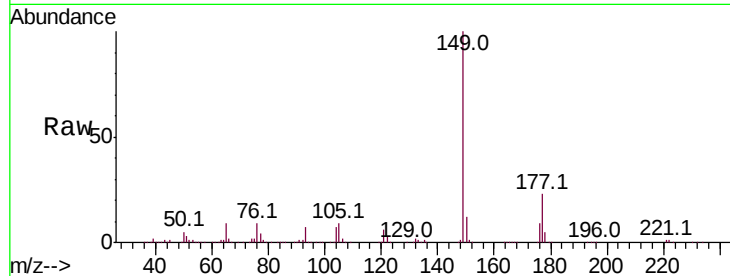




#59
Diethylphthalate
Concen: 41.137 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

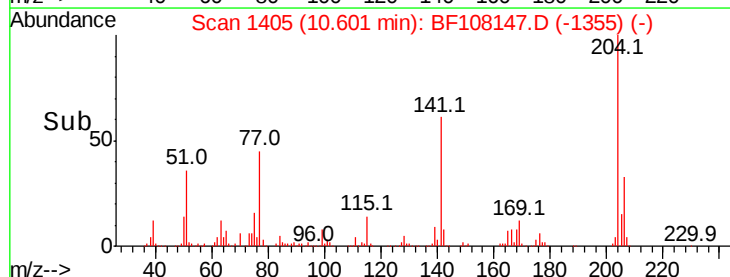
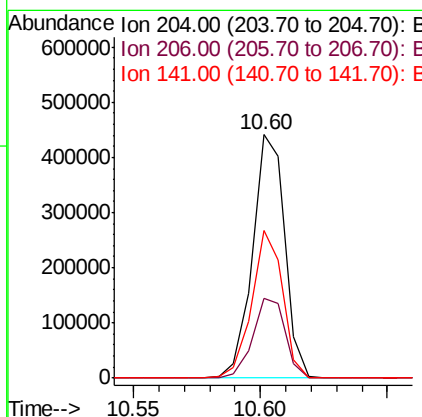
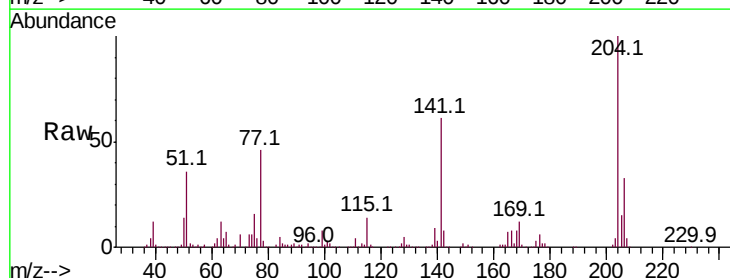
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

Tot Ion:149 Resp: 818542
Ion Ratio Lower Upper
149 100
177 23.3 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.248 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:204 Resp: 390419
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 60.6 54.6 81.8

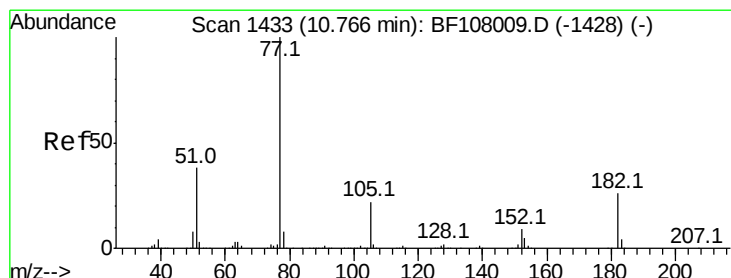
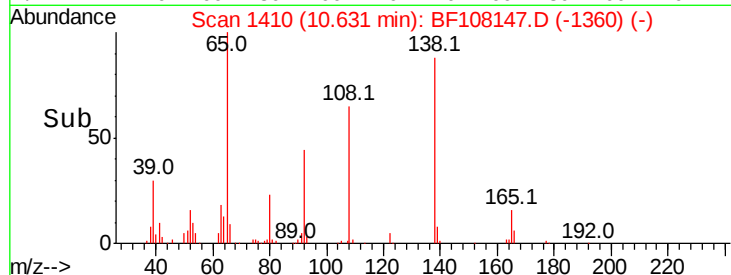
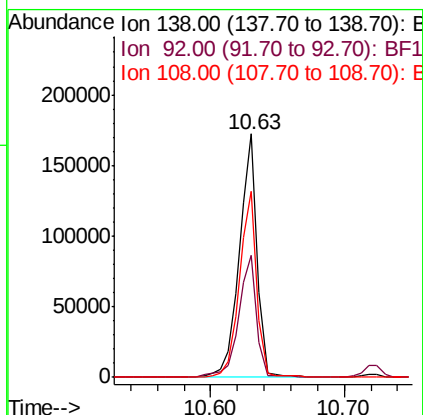
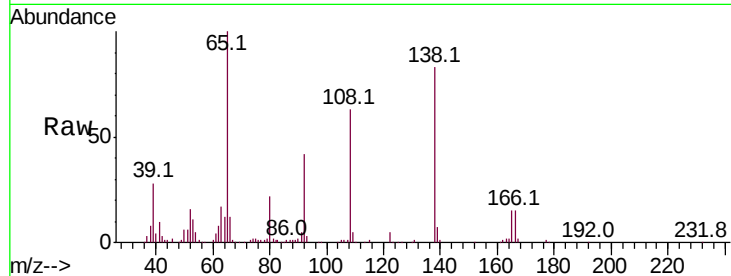




#61
4-Nitroaniline
Concen: 34.460 ng
RT: 10.63 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

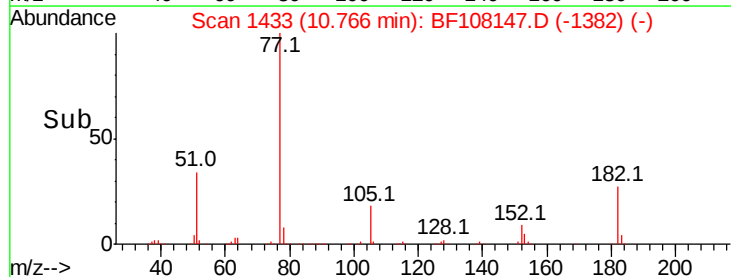
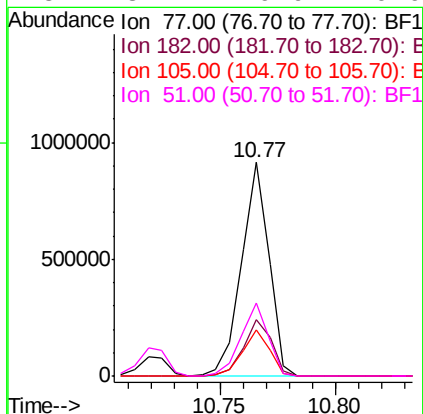
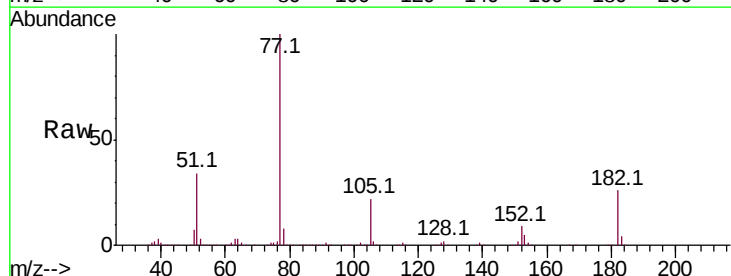
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

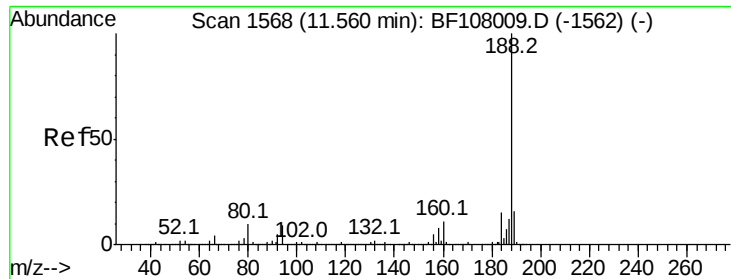
Tot Ion:138 Resp: 160258
Ion Ratio Lower Upper
138 100
92 50.2 30.2 70.2
108 76.2 52.5 92.5



#62
Azobenzene
Concen: 36.931 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion: 77 Resp: 758892
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 21.6 3.0 43.0
51 34.2 9.9 49.9

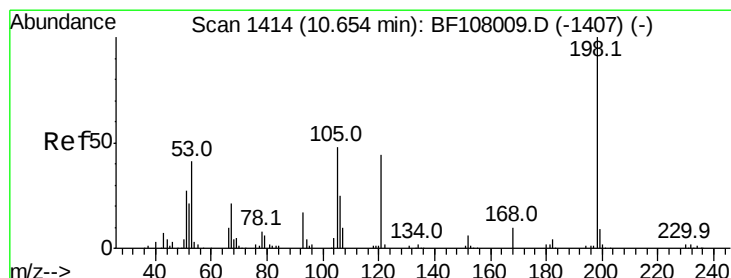
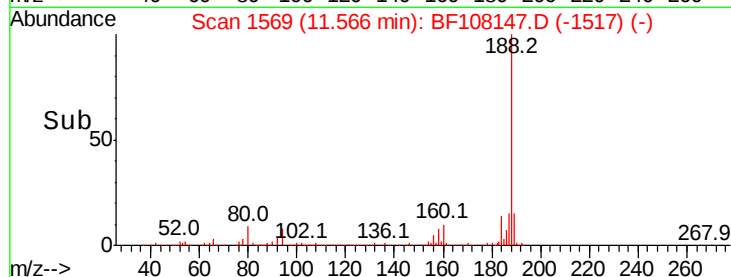
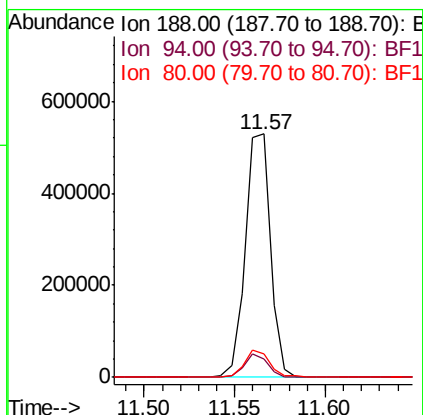
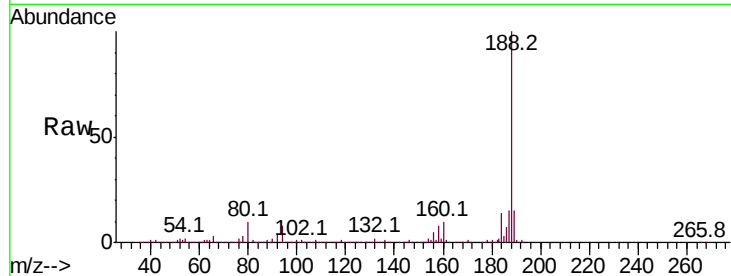




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

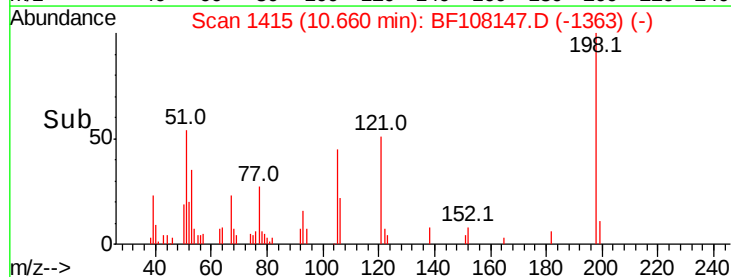
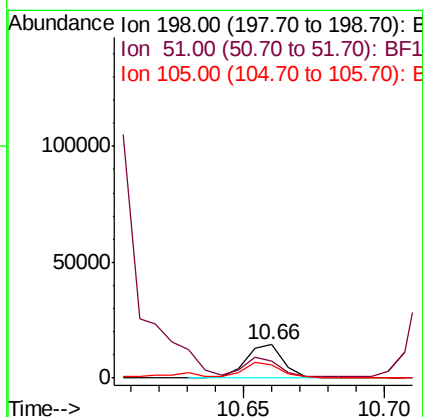
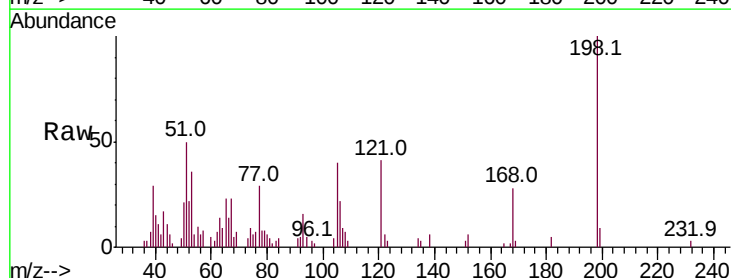
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

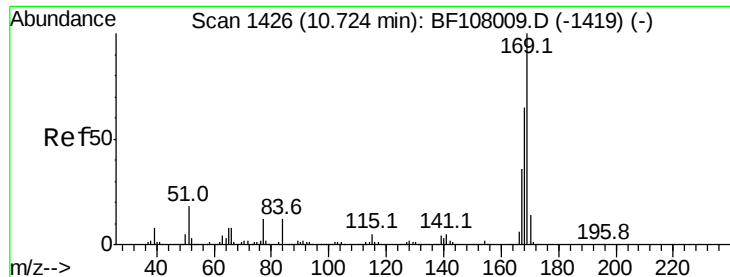
Tot Ion:188 Resp: 506522
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 11.452 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:198 Resp: 13043
Ion Ratio Lower Upper
198 100
51 50.3 37.7 77.7
105 39.5 36.3 76.3

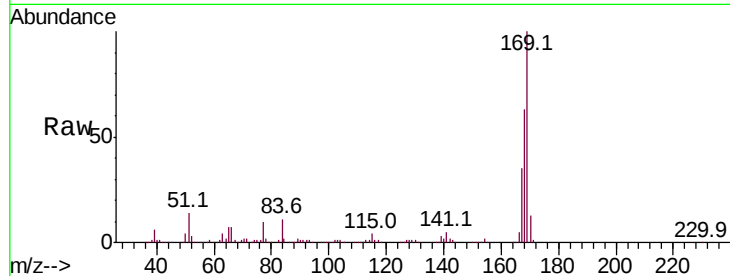




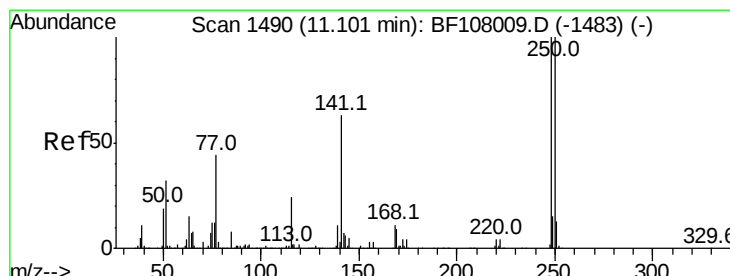
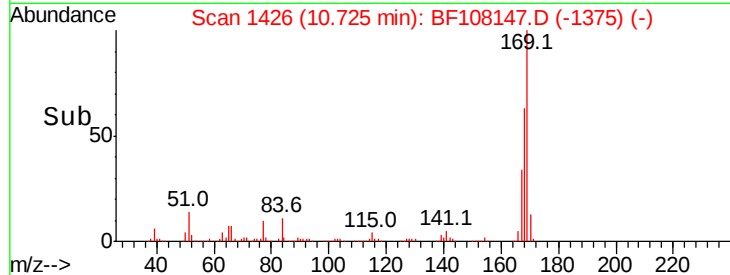
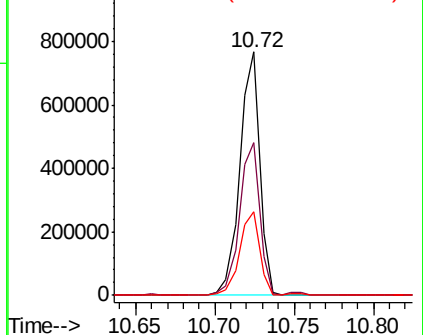
#65
 n-Nitrosodiphenylamine
 Concen: 44.532 ng
 RT: 10.72 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

Tot Ion:169 Resp: 666569
 Ion Ratio Lower Upper
 169 100
 168 62.7 54.4 81.6
 167 34.5 29.8 44.6

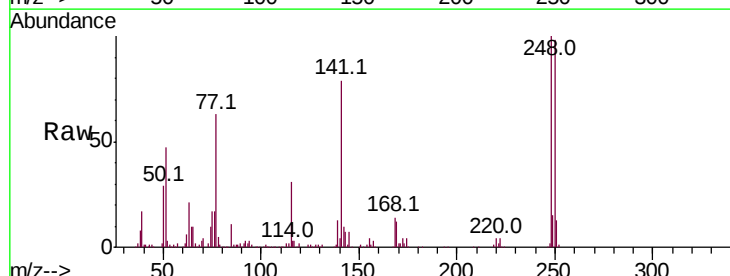


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

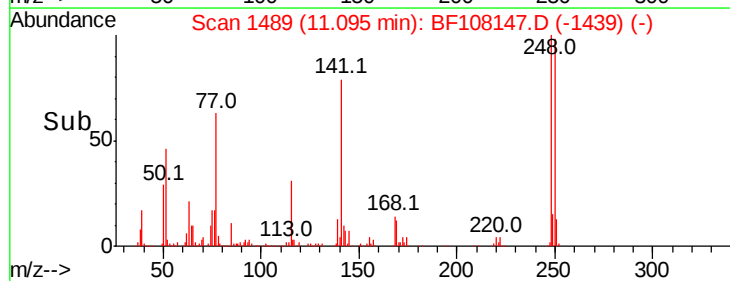
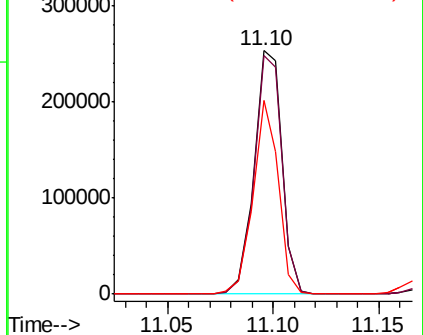


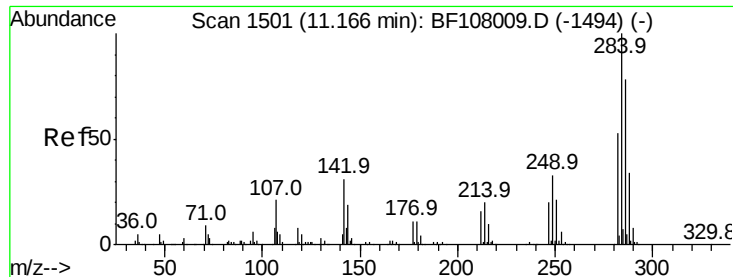
#66
 4-Bromophenyl-phenylether
 Concen: 42.344 ng
 RT: 11.10 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion:248 Resp: 233082
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.9 115.3
 141 79.5 74.4 111.6



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

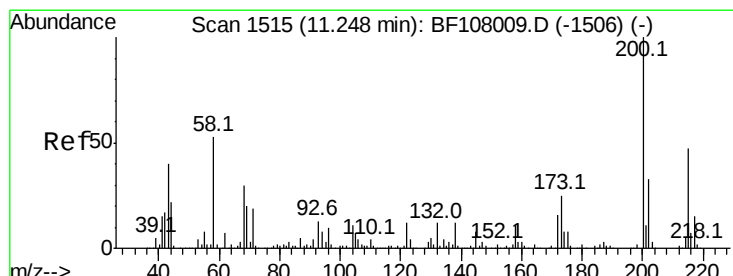
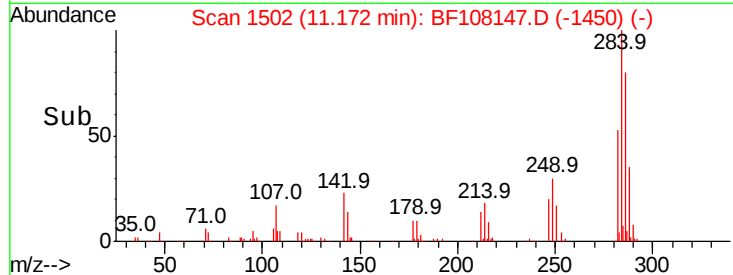
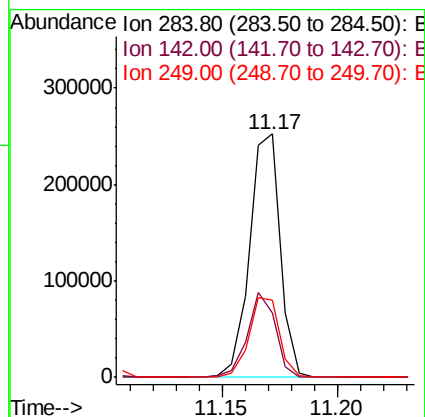
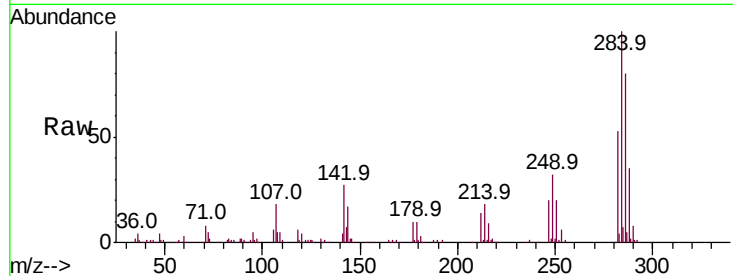




#67
Hexachlorobenzene
Concen: 40.536 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

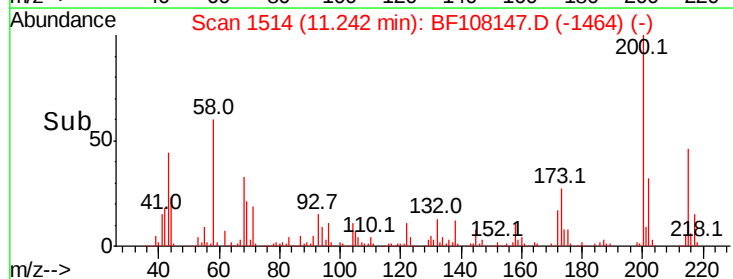
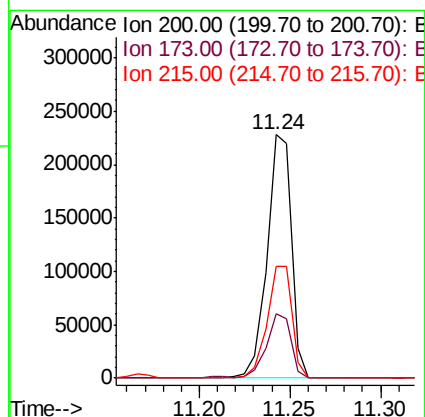
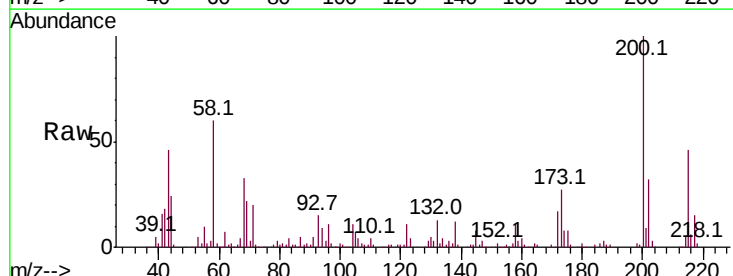
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

Tot Ion:284 Resp: 234773
Ion Ratio Lower Upper
284 100
142 26.7 34.6 52.0#
249 31.5 24.8 37.2



#68
Atrazine
Concen: 42.412 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:200 Resp: 212926
Ion Ratio Lower Upper
200 100
173 26.7 8.6 48.6
215 45.9 25.1 65.1

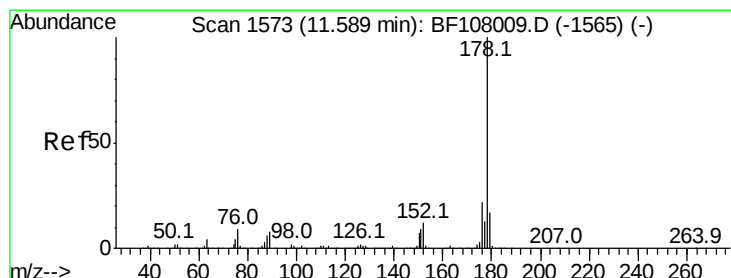
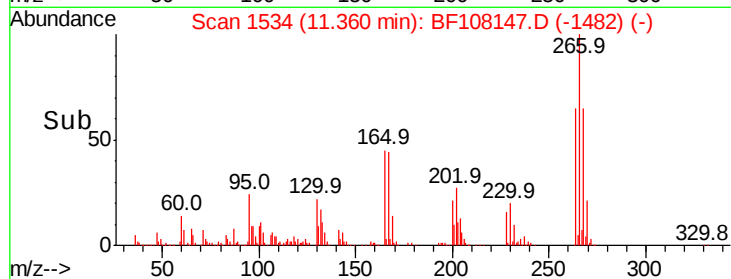
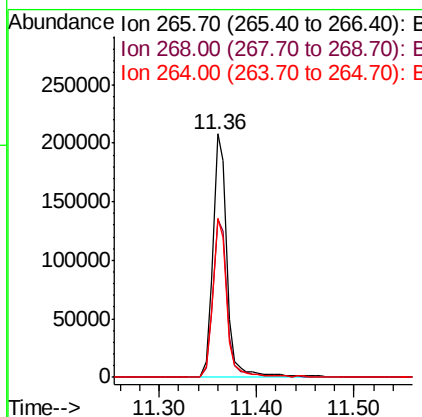
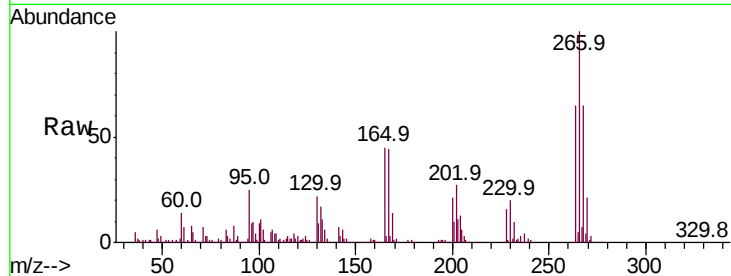




#69
 Pentachlorophenol
 Concen: 75.702 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

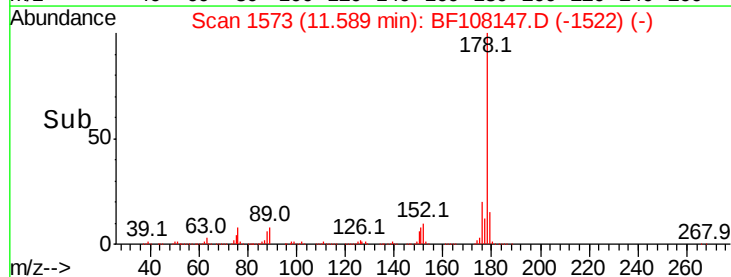
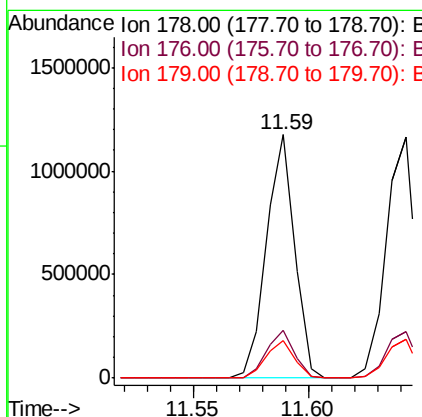
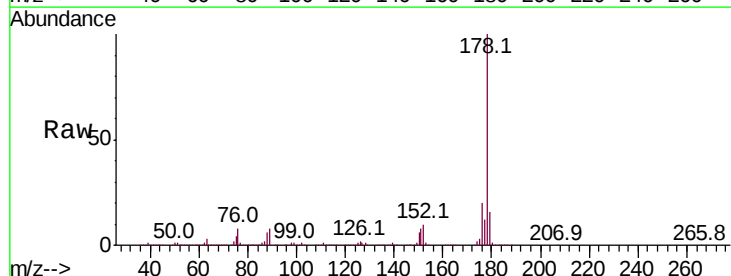
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

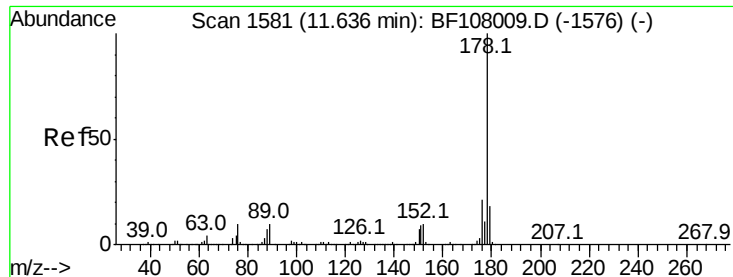
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	65.4	49.5	74.3



#70
 Phenanthrene
 Concen: 41.815 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6

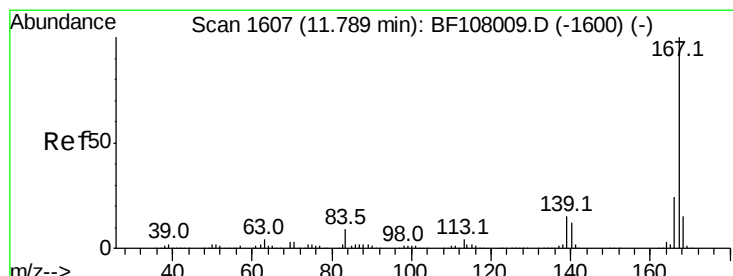
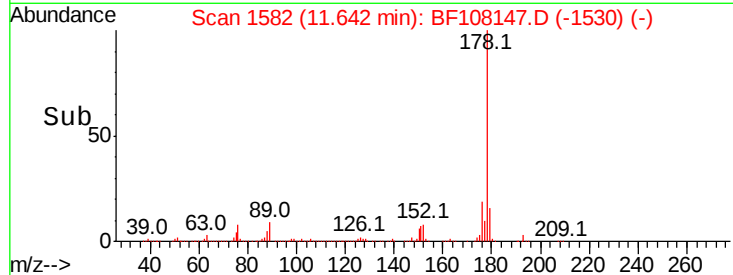
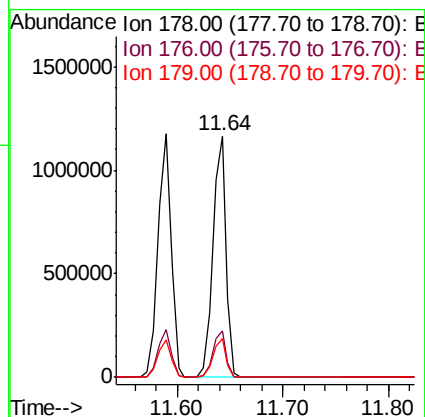
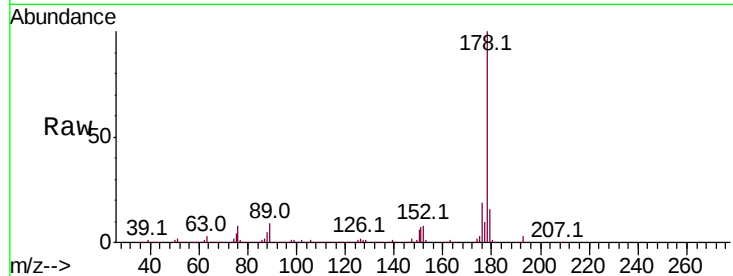




#71
 Anthracene
 Concen: 41.747 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

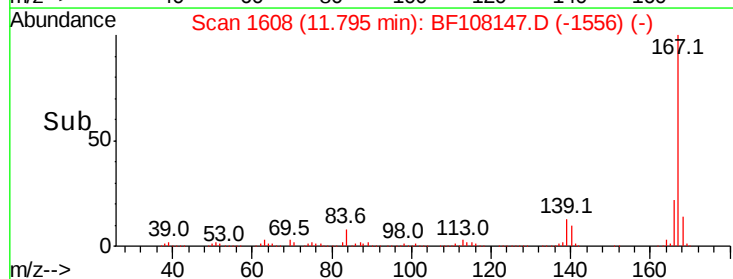
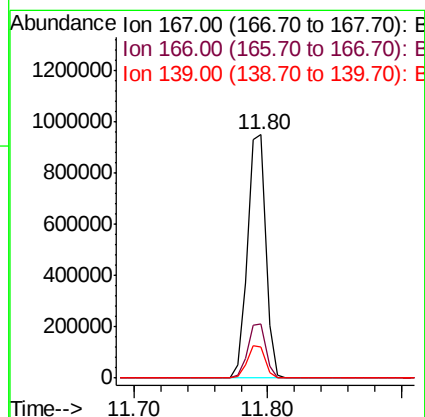
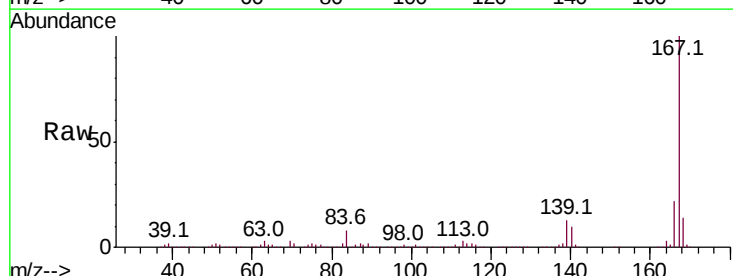
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

Tot Ion:178 Resp: 1022240
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 41.128 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion:167 Resp: 894753
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.7 10.9 16.3

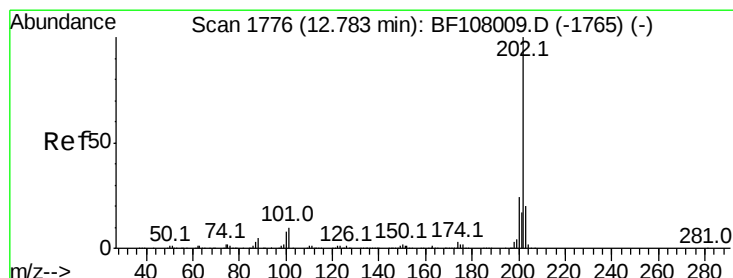
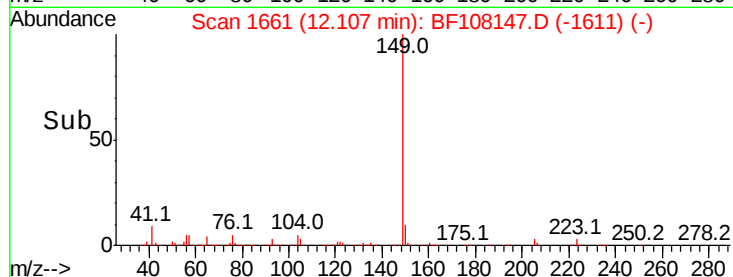
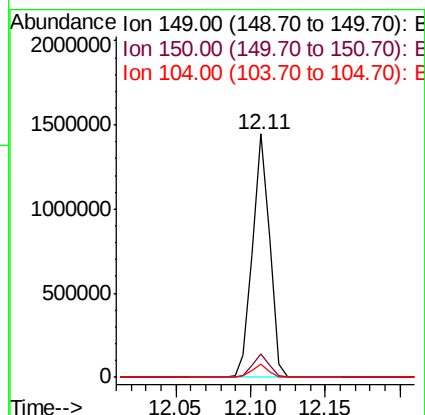
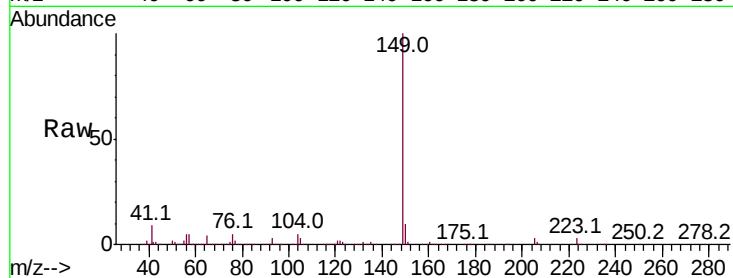




#73
Di-n-butylphthalate
Concen: 46.245 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

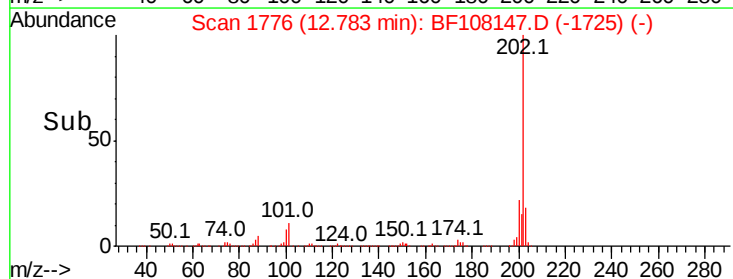
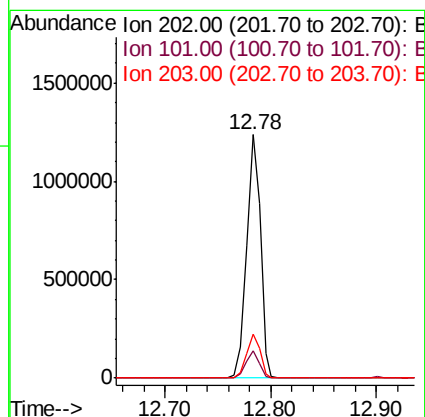
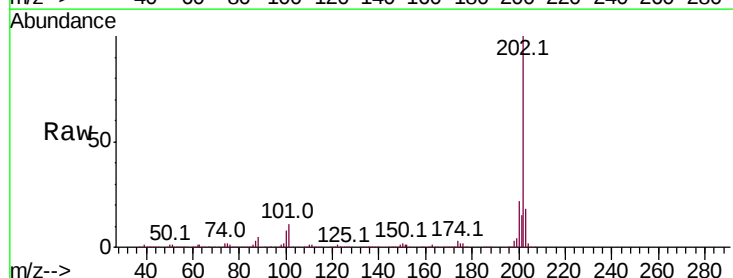
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

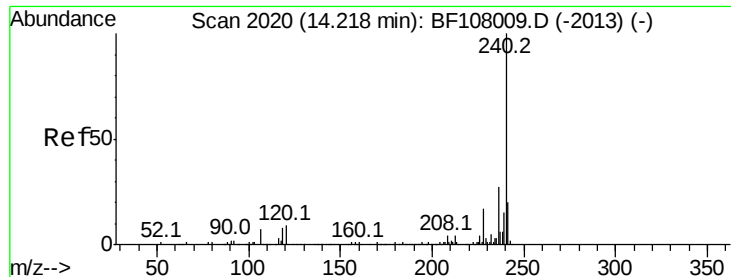
Tot Ion:149 Resp: 1139570
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 42.103 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:202 Resp: 1097788
Ion Ratio Lower Upper
202 100
101 11.2 0.0 34.1
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

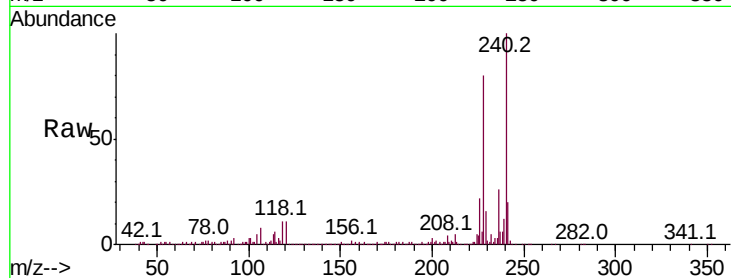
Tot Ion:240 Resp: 435176

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

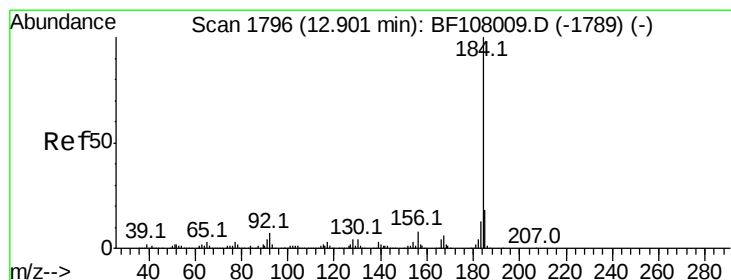
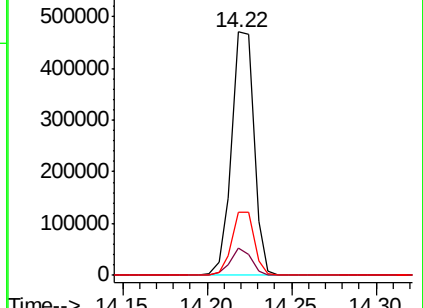
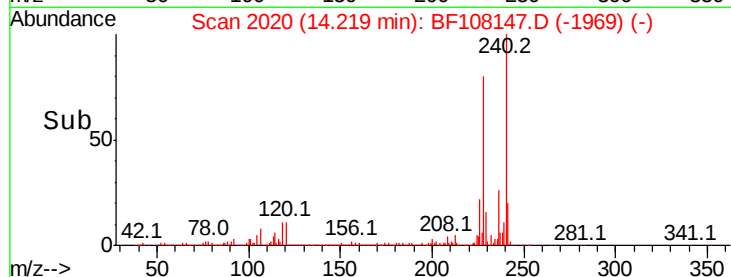
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.424 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

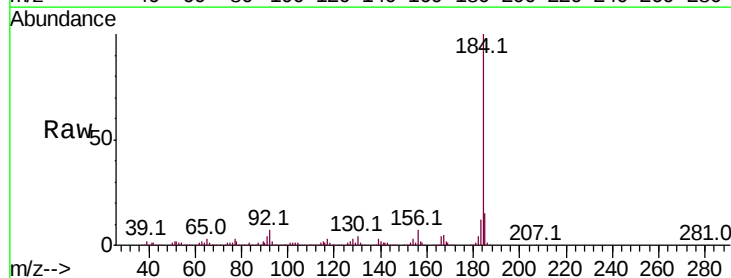
Tgt Ion:184 Resp: 722302

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

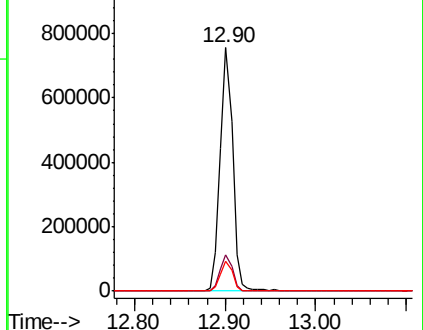
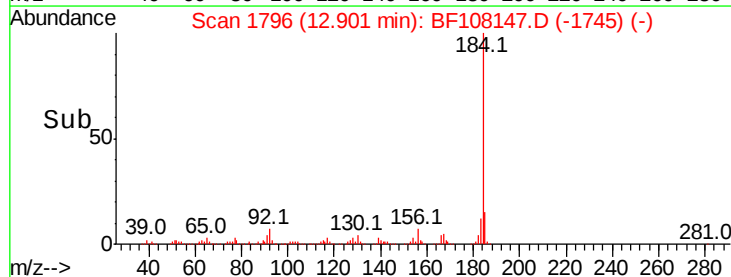
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.965 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

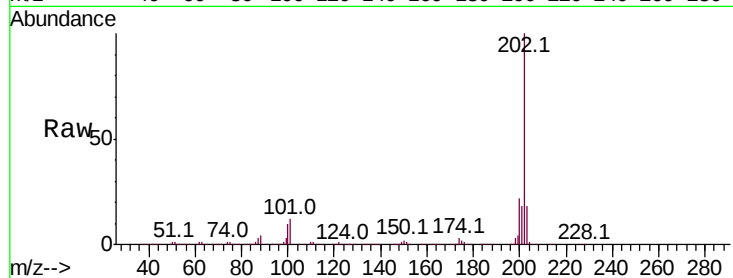
Tot Ion:202 Resp: 1101072

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.0	14.3	21.5

202 100

200 22.0 17.4 26.2

203 18.0 14.3 21.5

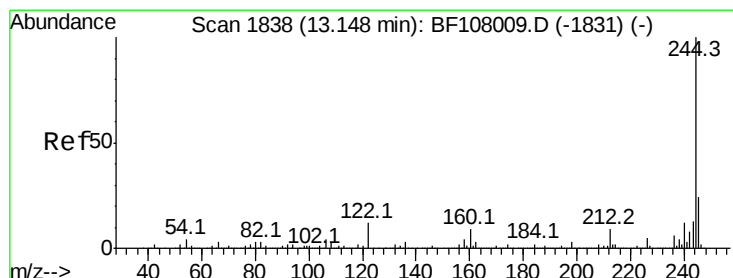
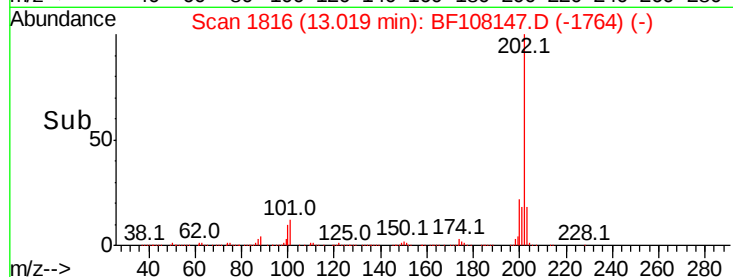
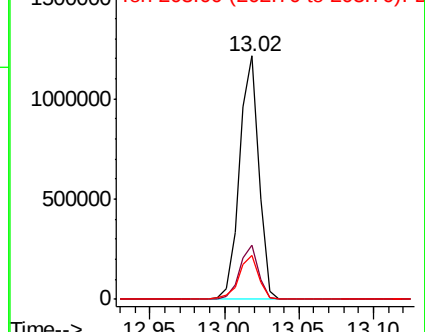


Abundance

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: 89.876 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

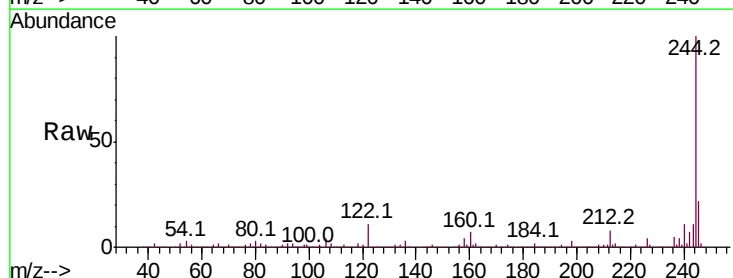
Tgt Ion:244 Resp: 1538284

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.0
122	11.2	11.0	16.4

244 100

212 7.7 5.4 8.0

122 11.2 11.0 16.4

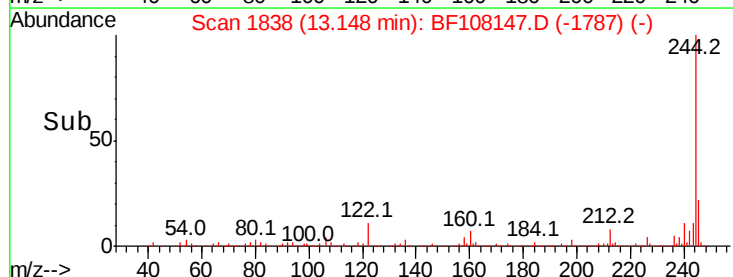
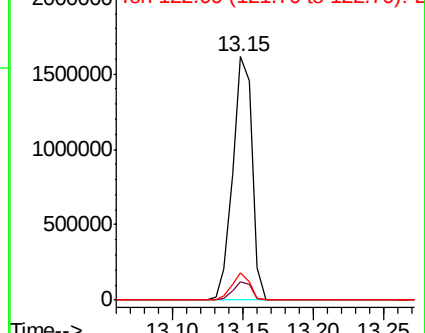


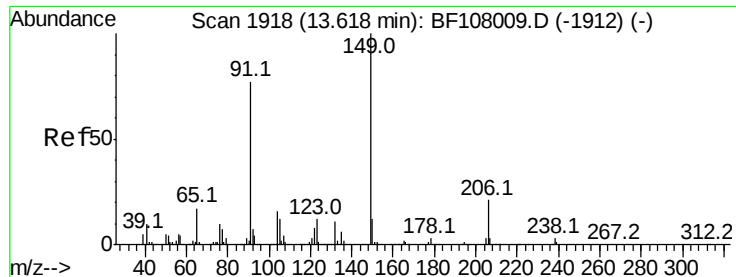
Abundance

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

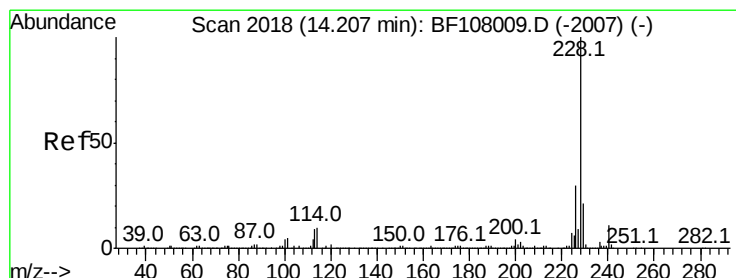
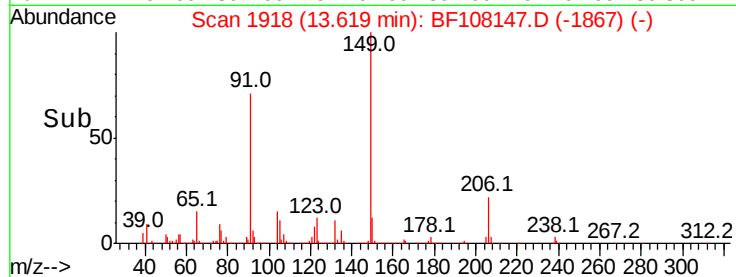
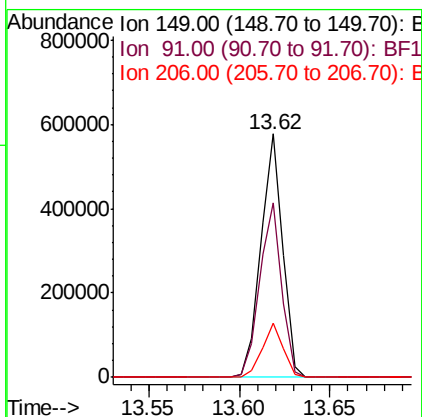
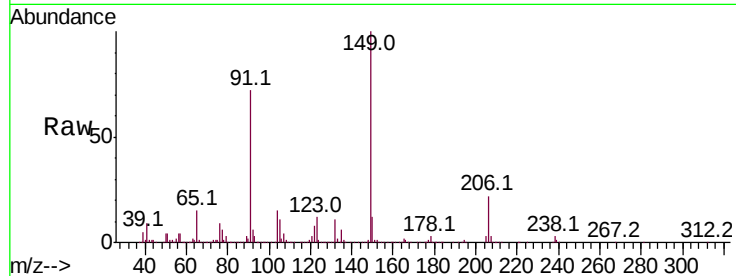




#79
Butylbenzylphthalate
Concen: 43.860 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

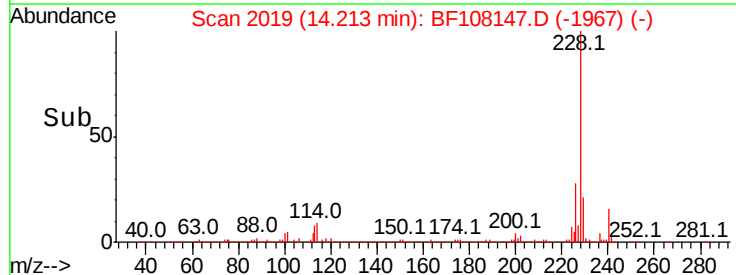
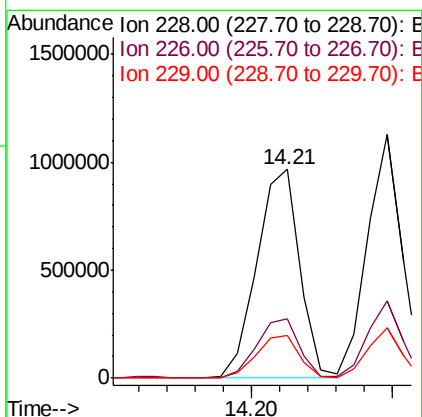
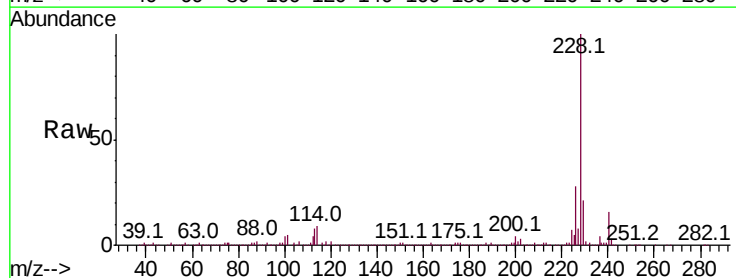
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

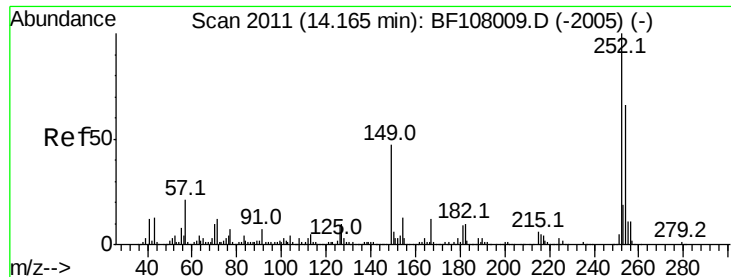
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.8	85.2
206	22.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.825 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.5	15.8	23.6

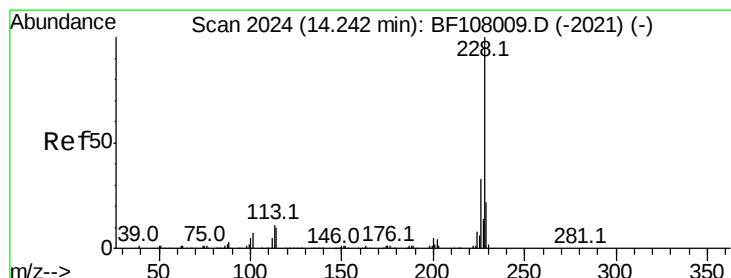
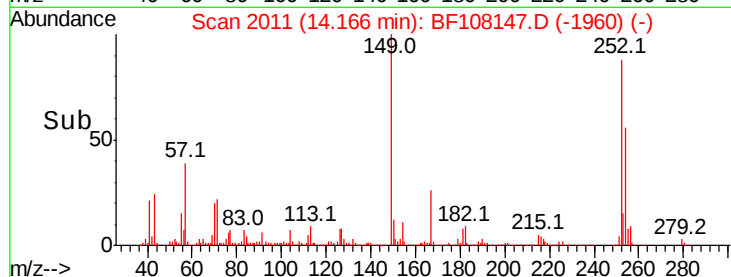
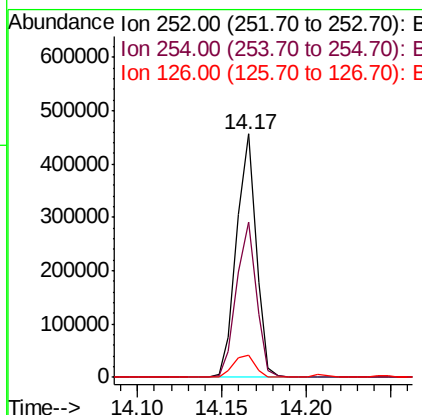
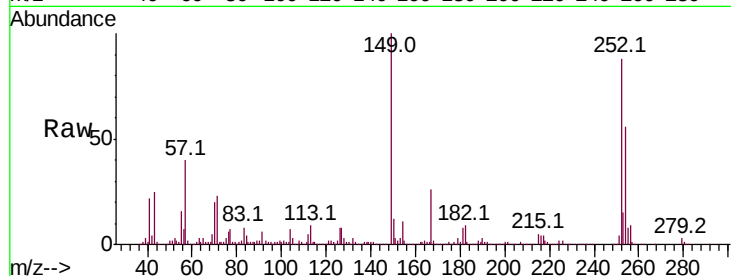




#81
 3,3'-Dichlorobenzidine
 Concen: 41.466 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

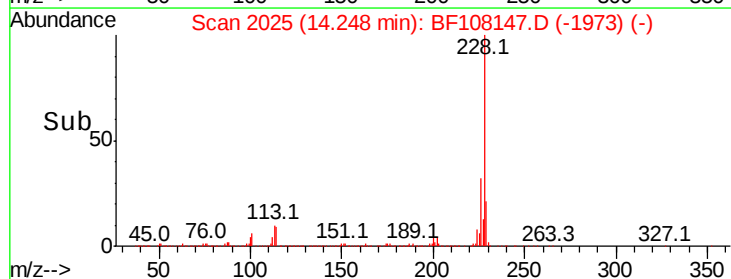
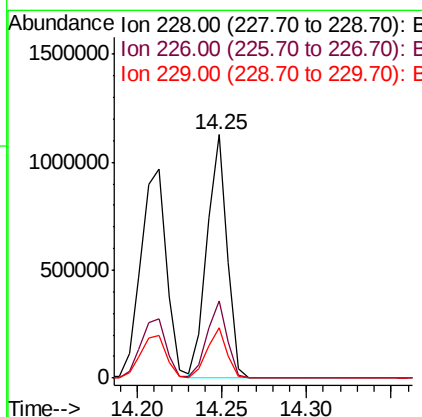
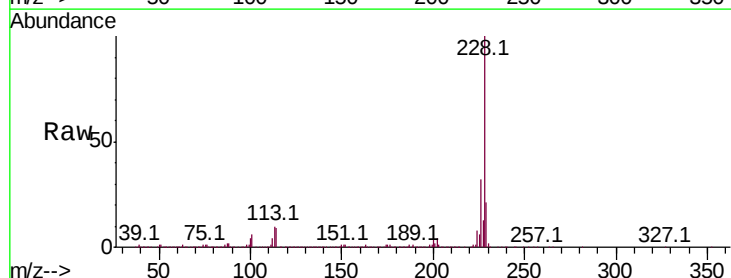
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

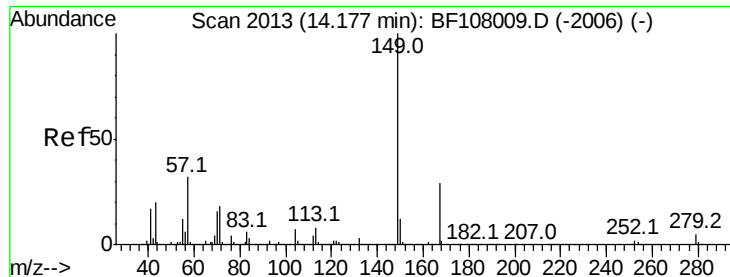
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	9.0	11.3	16.9#



#82
 Chrysene
 Concen: 41.044 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.6	16.2	24.4

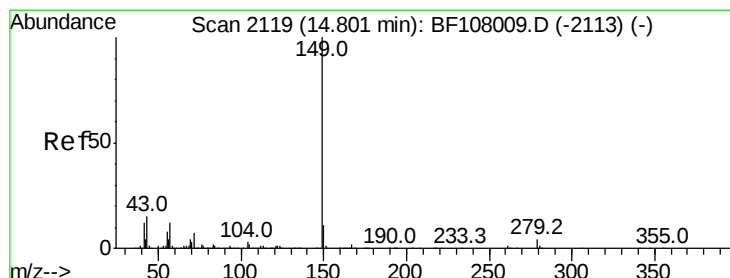
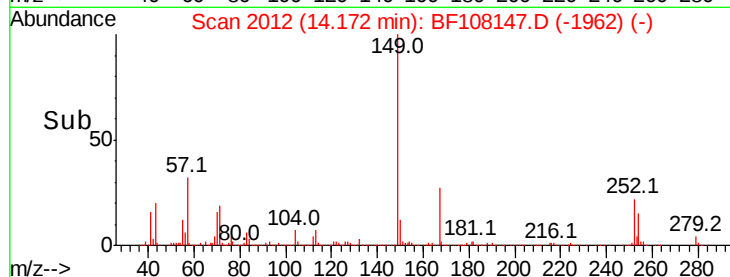
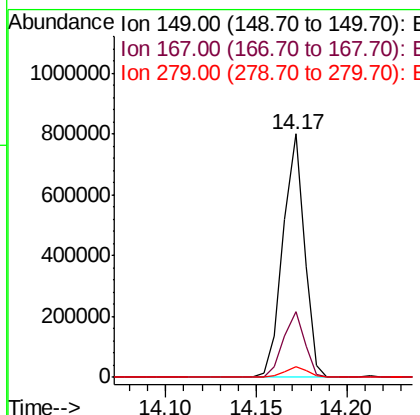
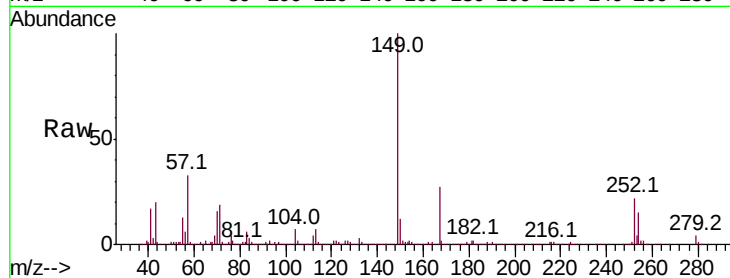




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.577 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

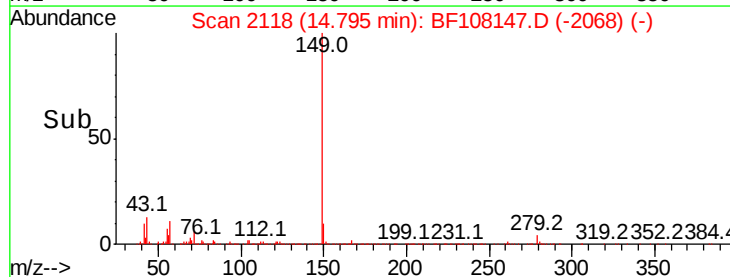
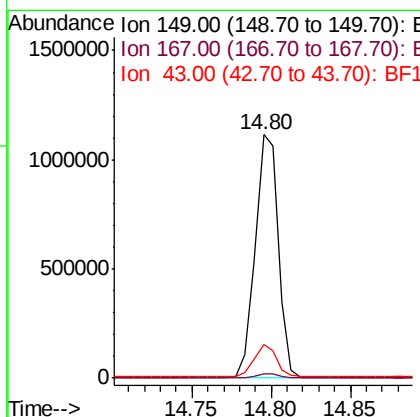
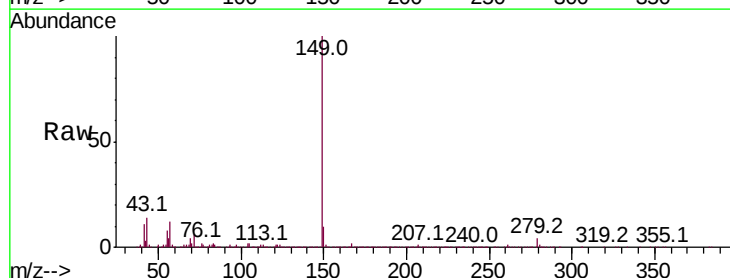
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MSD

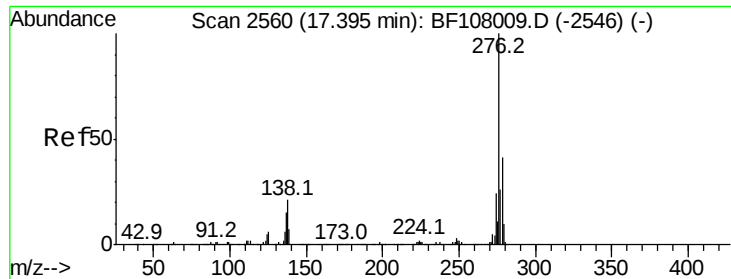
Tot Ion:149 Resp: 660407
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 4.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 50.030 ng
 RT: 14.80 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108147.D
 Acq: 14 Aug 2018 16:20

Tgt Ion:149 Resp: 1130390
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.3 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.792 ng

RT: 17.41 min Scan# 2562

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

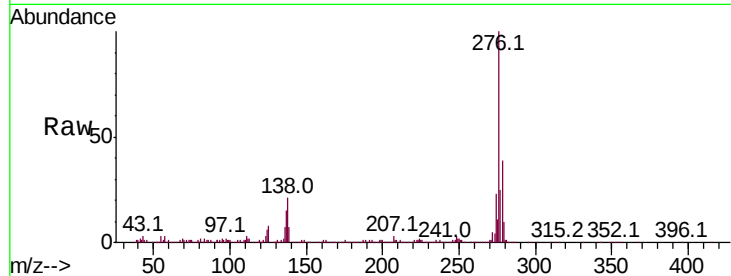
Tot Ion:276 Resp: 591039

Ion Ratio Lower Upper

276 100

138 23.0 25.0 37.6#

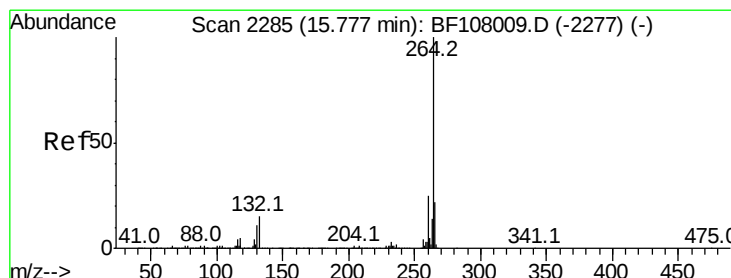
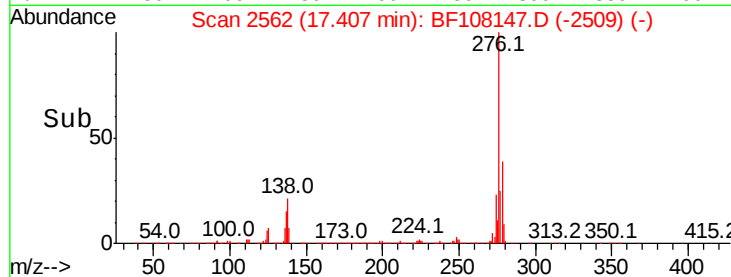
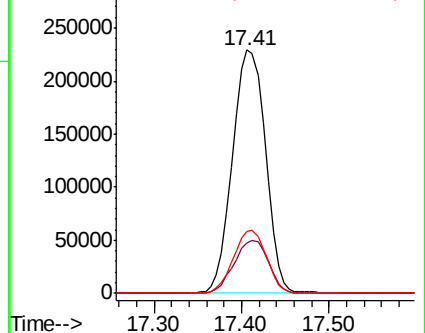
277 25.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

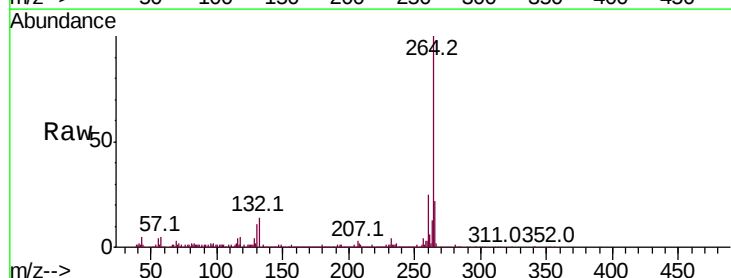
Tgt Ion:264 Resp: 301417

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

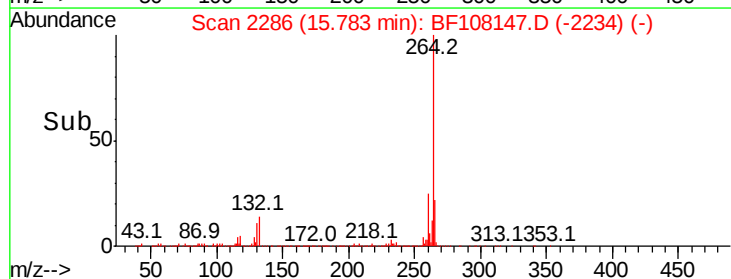
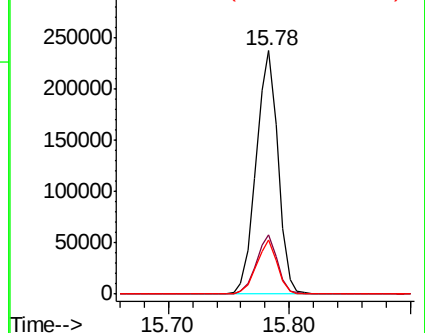
265 22.0 17.5 26.3

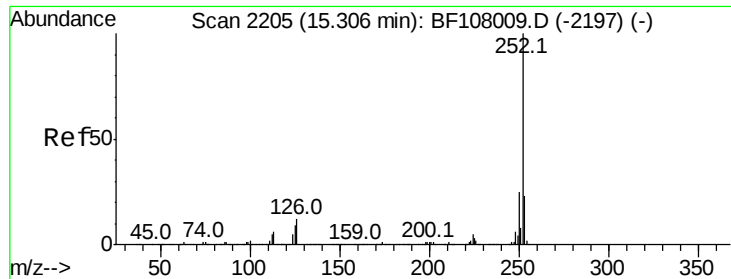


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

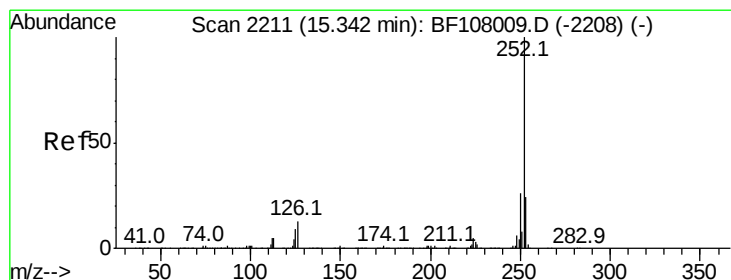
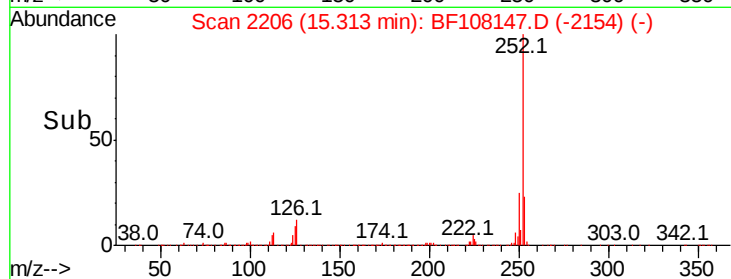
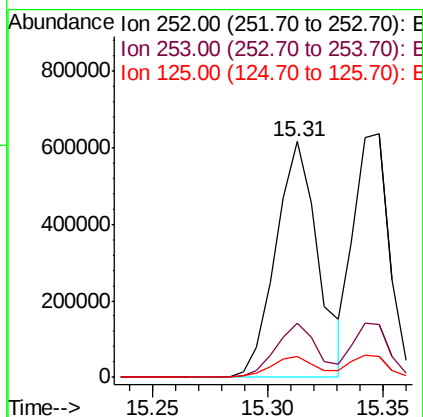
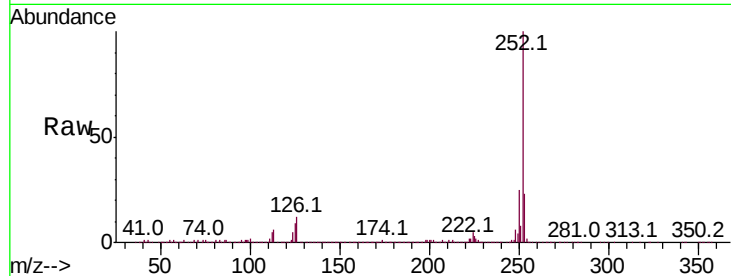




#87
Benzo(b)fluoranthene
Concen: 43.549 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

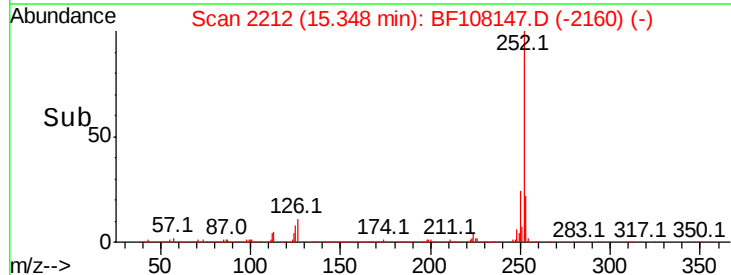
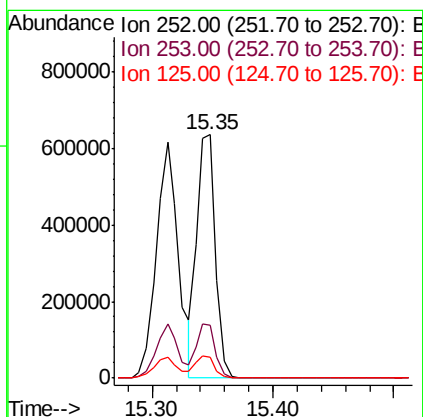
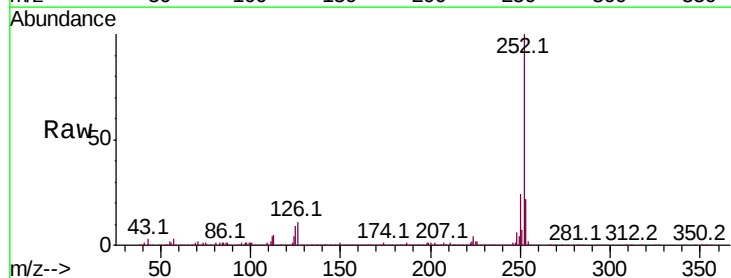
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

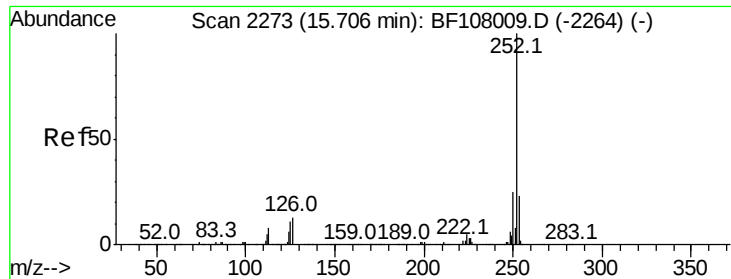
Tot Ion:252 Resp: 784352
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.058 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:252 Resp: 679780
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.6 10.2 15.2#

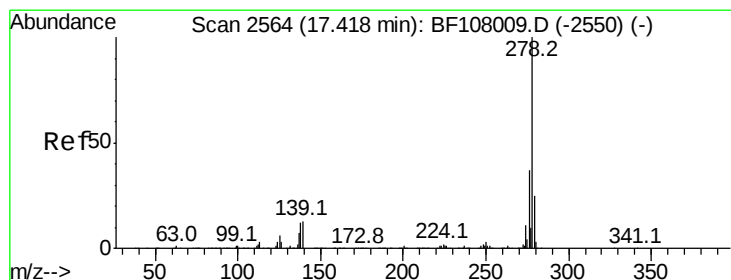
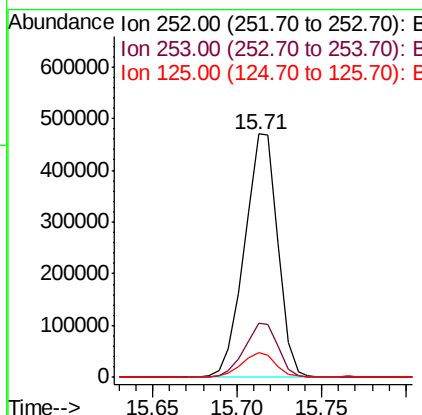
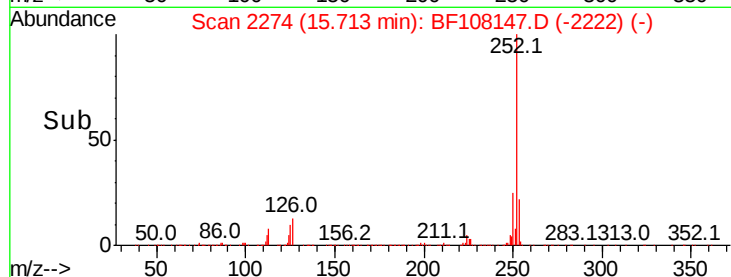
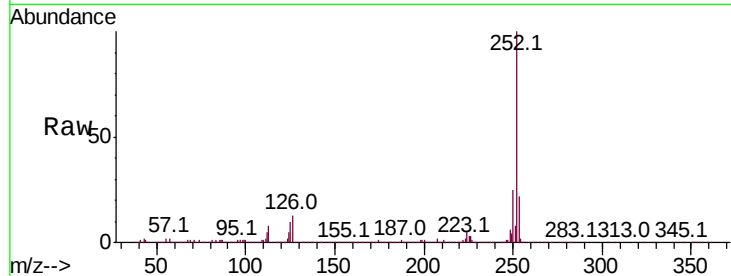




#89
Benzo(a)pyrene
Concen: 40.019 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

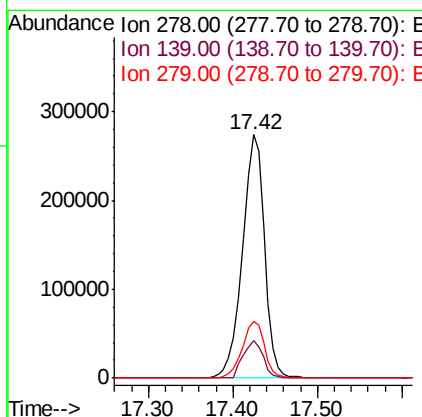
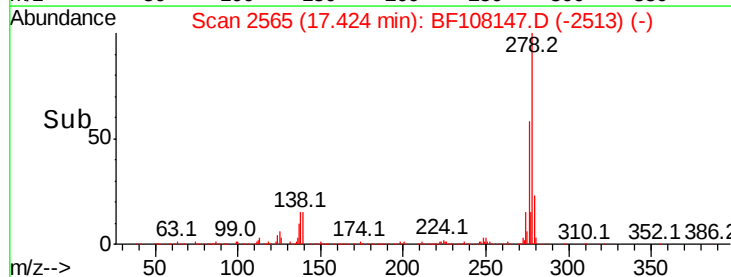
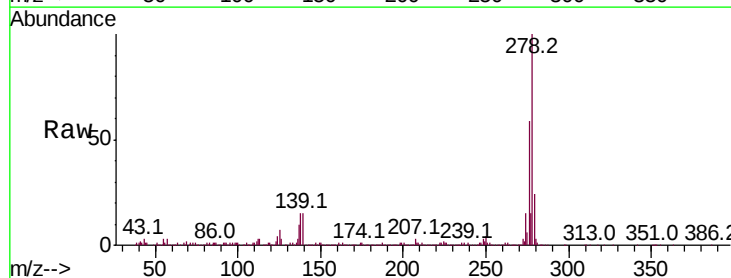
Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MSD

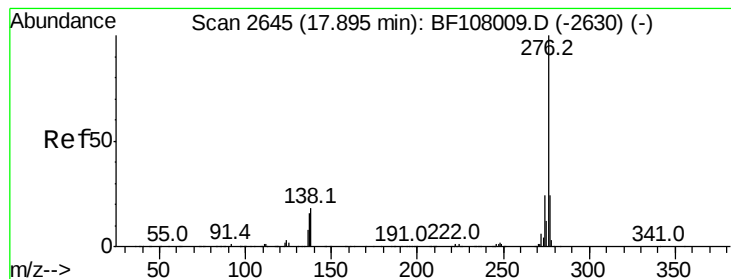
Tot Ion:252 Resp: 645441
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 10.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.126 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108147.D
Acq: 14 Aug 2018 16:20

Tgt Ion:278 Resp: 495436
Ion Ratio Lower Upper
278 100
139 15.4 15.9 23.9#
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 36.876 ng

RT: 17.91 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BF108147.D

Acq: 14 Aug 2018 16:20

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MSD

Tot Ion:276 Resp: 484553

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 19.9 21.8 32.8#

