

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108146.D
 Acq On : 14 Aug 2018 15:53
 Operator : JU/SJ
 Sample : J4449-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Manual Integrations
 APPROVED

Sohil
 8/15/2018 3:38:35 PM

Quant Time: Aug 14 17:35:37 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	201329	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	725111	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	309930	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	530990	20.00	ng	0.00
75) Chrysene-d12	14.22	240	444211	20.00	ng	0.00
86) Perylene-d12	15.78	264	300756	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	1125091	101.17	ng	0.02
7) Phenol-d6	6.64	99	1504606	101.82	ng	0.01
23) Nitrobenzene-d5	7.58	82	983202	75.66	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	320844	103.78	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1682946	87.18	ng	0.00
78) Terphenyl-d14	13.15	244	1524000	87.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	160240	28.043	ng	89
3) Pyridine	3.73	79	458921	31.178	ng	85
4) n-Nitrosodimethylamine	3.69	42	275431	33.255	ng	81
6) Aniline	6.68	93	619670	30.828	ng	98
8) 2-Chlorophenol	6.81	128	463206	36.984	ng	95
9) Benzaldehyde	6.58	77	298728	26.073	ng	99
10) Phenol	6.65	94	560905	36.695	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	451870	36.566	ng	95
12) 1,3-Dichlorobenzene	6.96	146	523463	36.147	ng	96
13) 1,4-Dichlorobenzene	7.04	146	523598	35.986	ng	99
14) 1,2-Dichlorobenzene	7.20	146	485829	35.897	ng	96
15) Benzyl Alcohol	7.15	79	448586	36.059	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	879784	34.558	ng	96
17) 2-Methylphenol	7.26	107	391248	36.427	ng	94
18) Hexachloroethane	7.53	117	167286	32.294	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	349437	34.968	ng	90
20) 3+4-Methylphenols	7.41	107	493730	35.872	ng	93
22) Acetophenone	7.42	105	663156	39.113	ng	# 92
24) Nitrobenzene	7.60	77	512967	39.038	ng	95
25) Isophorone	7.84	82	926846	37.421	ng	97
26) 2-Nitrophenol	7.92	139	206612	41.636	ng	95
27) 2,4-Dimethylphenol	7.94	122	421870	38.377	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	570628	39.465	ng	99
29) 2,4-Dichlorophenol	8.15	162	390643	38.615	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	425922	38.187	ng	98
31) Naphthalene	8.32	128	1274547	38.650	ng	99
32) Benzoic acid	8.00	122	14811	8.007	ng	96
33) 4-Chloroaniline	8.37	127	424431	29.534	ng	99
34) Hexachlorobutadiene	8.44	225	273904	38.792	ng	99
35) Caprolactam	8.73	113	113892m	35.926	ng	
36) 4-Chloro-3-methylphenol	8.84	107	392516	35.967	ng	96
37) 2-Methylnaphthalene	9.02	142	847452	36.323	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	424952	44.649	ng	97
40) Hexachlorocyclopentadiene	9.17	237	103764	16.879	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	267618	45.312	ng	98
43) 2,4,5-Trichlorophenol	9.33	196	270900	41.666	ng	96
45) 1,1'-Biphenyl	9.48	154	1014311	44.388	ng	99
46) 2-Chloronaphthalene	9.51	162	768482	42.550	ng	96
47) 2-Nitroaniline	9.60	65	254865	43.613	ng	86
48) Acenaphthylene	9.93	152	1162998	40.732	ng	98
49) Dimethylphthalate	9.78	163	1061378	49.163	ng	# 99
50) 2,6-Dinitrotoluene	9.84	165	181065	40.086	ng	92
51) Acenaphthene	10.10	154	674216	38.552	ng	99
52) 3-Nitroaniline	10.01	138	177292	35.874	ng	91
53) 2,4-Dinitrophenol	10.12	184	7599	11.122	ng	# 27
54) Dibenzofuran	10.27	168	1000907	39.504	ng	97
55) 4-Nitrophenol	10.17	139	243945	65.185	ng	# 84
56) 2,4-Dinitrotoluene	10.25	165	217560	37.419	ng	# 91
57) Fluorene	10.62	166	763028	38.043	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	199842	36.775	ng	# 87
59) Diethylphthalate	10.48	149	858700	41.075	ng	96
60) 4-Chlorophenyl-phenylether	10.61	204	408861	39.121	ng	90
61) 4-Nitroaniline	10.63	138	171053	35.008	ng	95
62) Azobenzene	10.77	77	800693	37.087	ng	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	12871	11.094	ng	88
65) n-Nitrosodiphenylamine	10.72	169	691522	44.071	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	246402	42.701	ng	# 83
67) Hexachlorobenzene	11.17	284	247703	40.798	ng	# 85
68) Atrazine	11.25	200	218347	41.488	ng	94
69) Pentachlorophenol	11.36	266	216664	74.556	ng	99
70) Phenanthrene	11.59	178	1012598	40.431	ng	100
71) Anthracene	11.64	178	1047927	40.824	ng	100
72) Carbazole	11.79	167	900982	39.506	ng	99
73) Di-n-butylphthalate	12.11	149	1178945	45.638	ng	99
74) Fluoranthene	12.78	202	1099686	40.232	ng	97
76) Benzidine	12.90	184	753578	45.405	ng	98
77) Pyrene	13.02	202	1108318	39.409	ng	100
79) Butylbenzylphthalate	13.62	149	486965	43.607	ng	99
80) Benzo(a)anthracene	14.21	228	1027748	40.315	ng	99
81) 3,3'-Dichlorobenzidine	14.17	252	375070	41.054	ng	# 96
82) Chrysene	14.25	228	943004	40.348	ng	100
83) Bis(2-ethylhexyl)phthalate	14.17	149	664883	43.966	ng	100
84) Di-n-octyl phthalate	14.80	149	1149939	49.860	ng	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	590308	29.150	ng	# 91
87) Benzo(b)fluoranthene	15.31	252	788182	43.858	ng	# 95
88) Benzo(k)fluoranthene	15.35	252	708830	42.907	ng	# 95
89) Benzo(a)pyrene	15.72	252	652887	40.570	ng	# 97
90) Dibenzo(a,h)anthracene	17.42	278	501928	37.696	ng	# 94
91) Benzo(g,h,i)perylene	17.91	276	482642	36.811	ng	# 91

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



#1

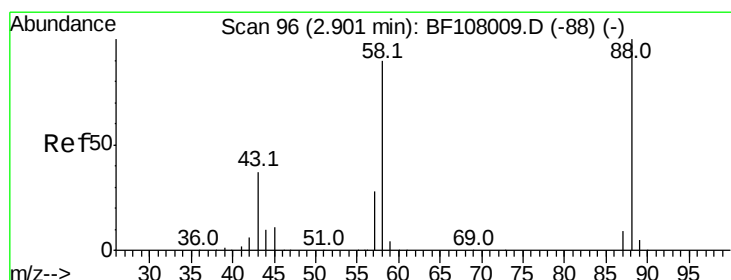
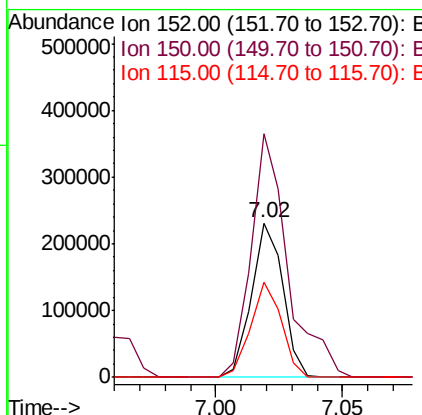
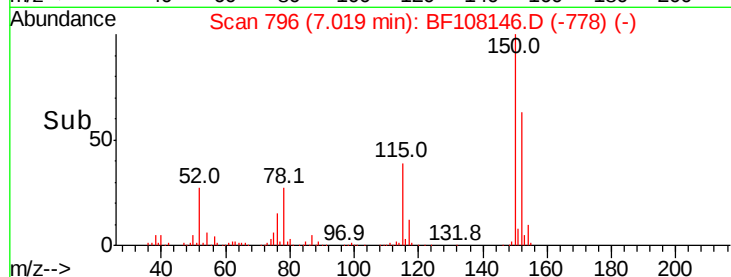
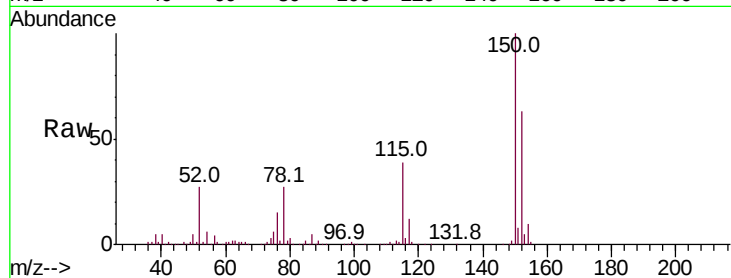
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	61.3	50.1	75.1

Manual Integrations
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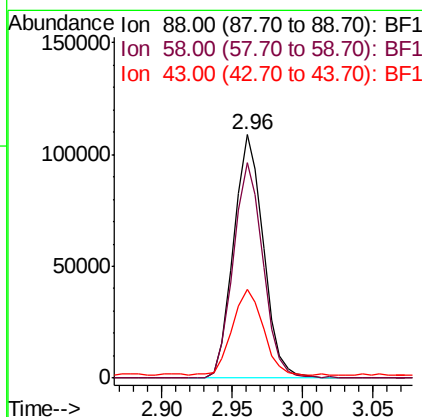
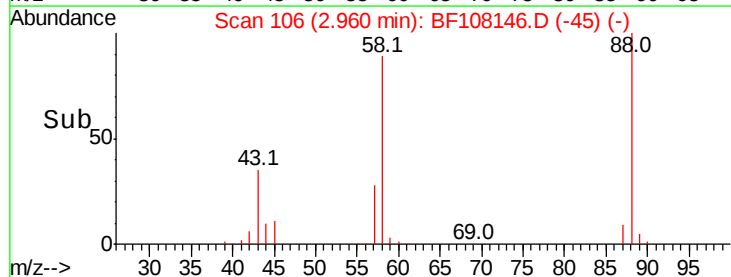
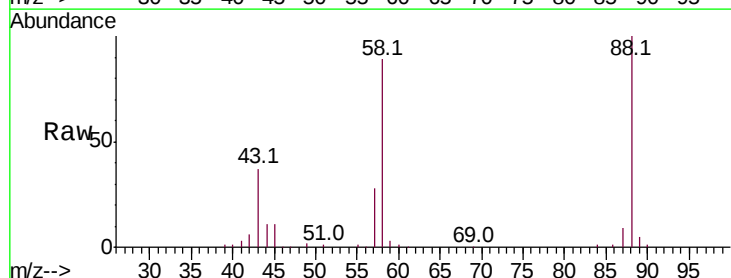
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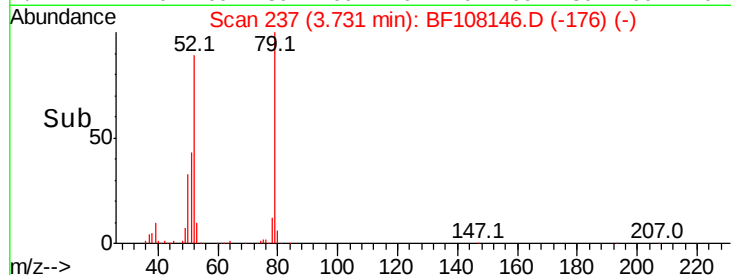
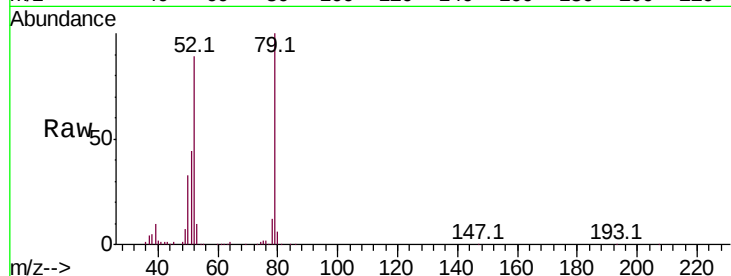
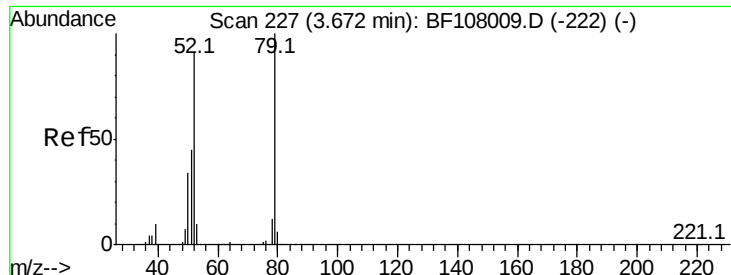


#2

1,4-Dioxane
Concen: 28.043 ng
RT: 2.96 min Scan# 106
Delta R.T. 0.06 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	62.6	93.8
43	35.9	24.6	37.0





#3

Pvridine

Concen: 31.178 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF108146.D

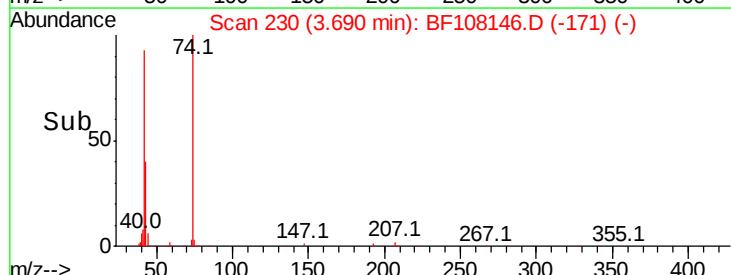
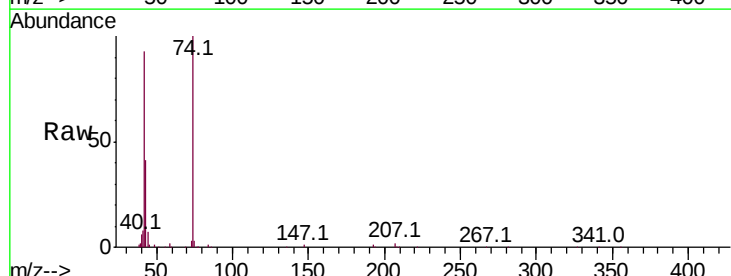
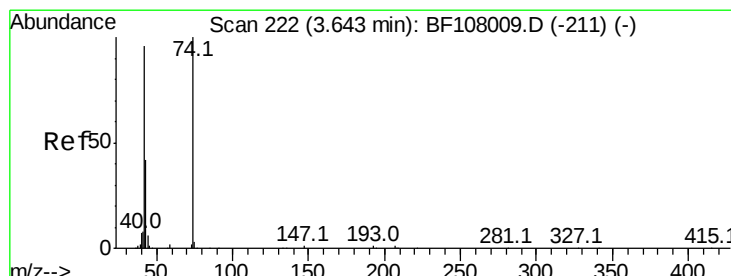
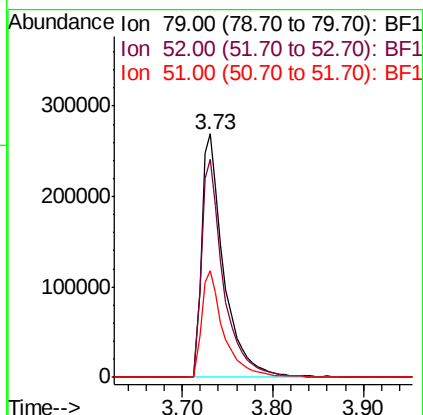
Acq: 14 Aug 2018 15:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	89.5	59.8	89.6		
51	43.6	29.8	44.8		

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.255 ng

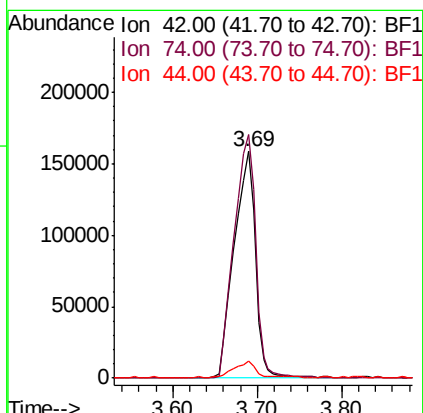
RT: 3.69 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	107.3	104.9	157.3		
44	7.2	6.9	10.3		





#5

2-Fluorophenol

Concen: 101.174 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

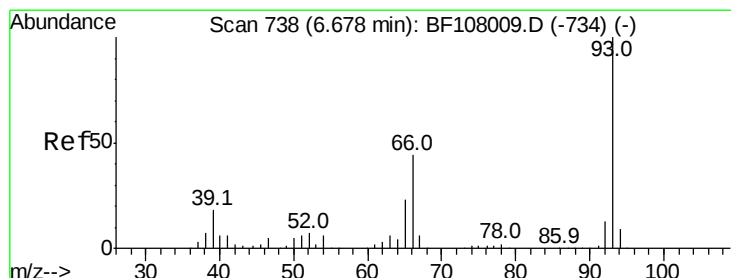
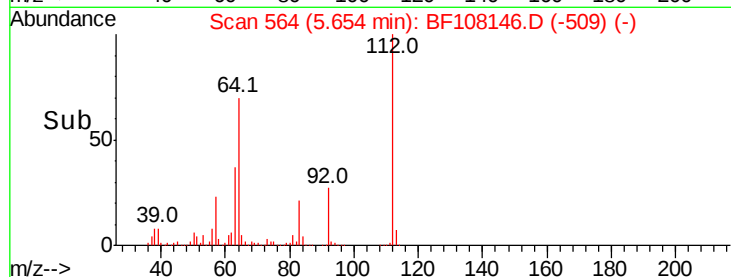
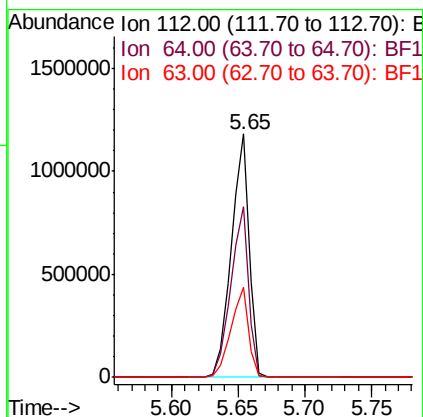
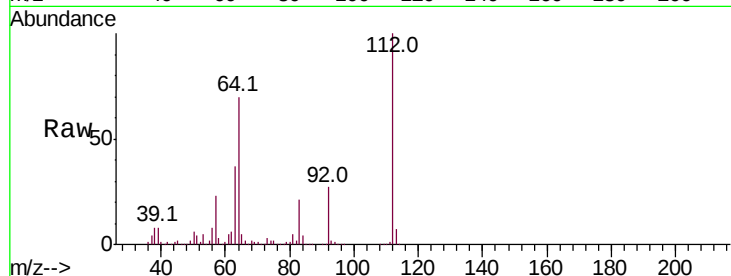
ClientSampleId :

TILCON-MH-001MS

Tot Ion:	112	Resp:	1125091
Ion Ratio	Lower	Upper	
112	100		
64	69.9	47.9	71.9
63	37.2	23.7	35.5#

Manual Integrations
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#6

Aniline

Concen: 30.828 ng

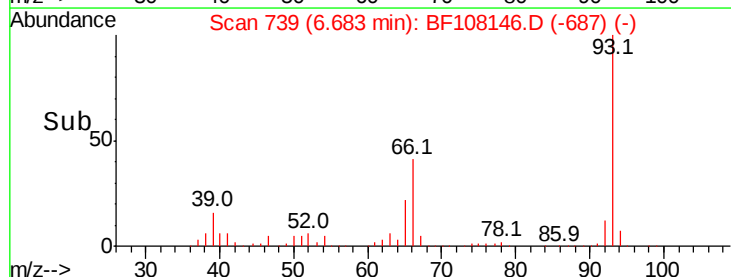
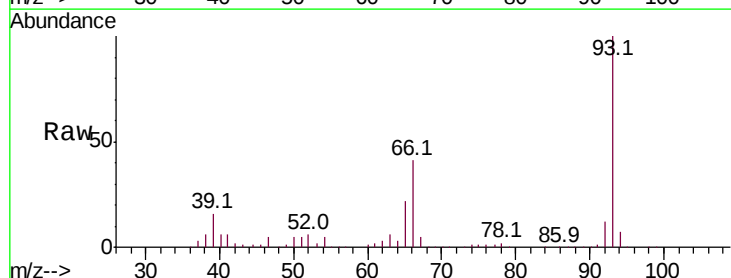
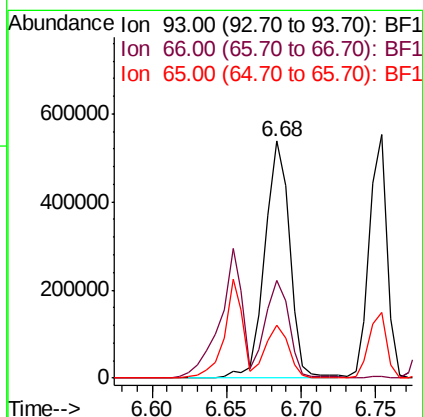
RT: 6.68 min Scan# 739

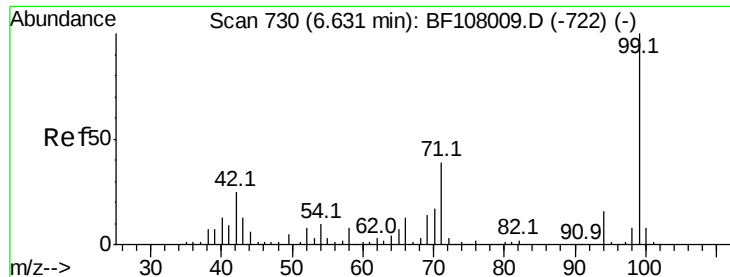
Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Tgt Ion:	93	Resp:	619670
Ion Ratio	Lower	Upper	
93	100		
66	41.2	32.2	48.2
65	22.1	16.4	24.6





#7

Phenol-d6

Concen: 101.818 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MS

Tot Ion: 99 Resp: 1504606

Ion Ratio Lower Upper

99 100

42 23.6 14.5 21.7#

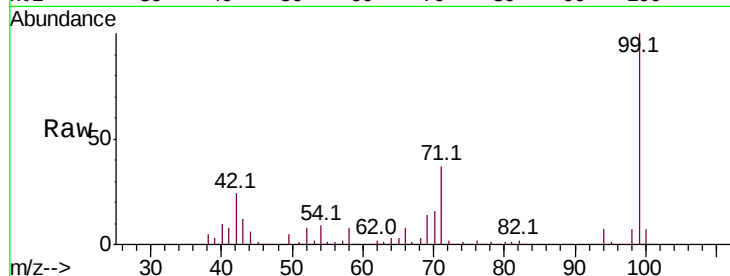
71 36.9 25.4 38.0

Manual Integrations

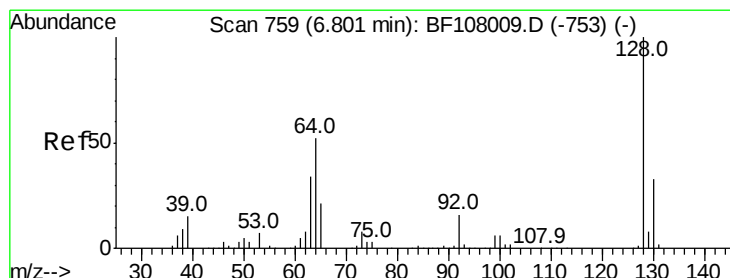
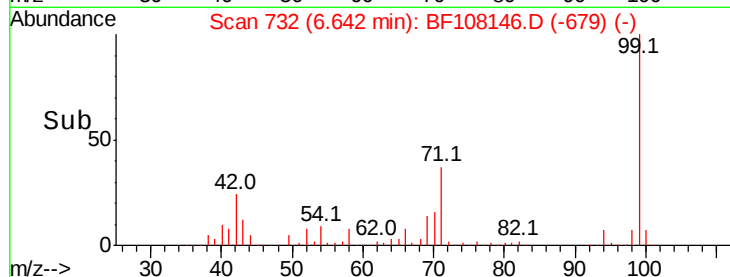
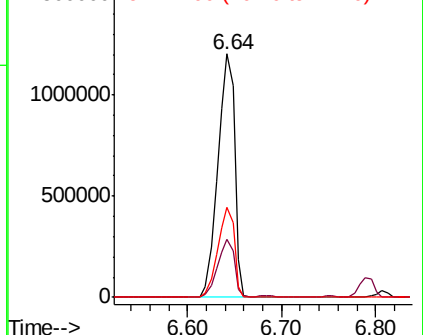
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.984 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

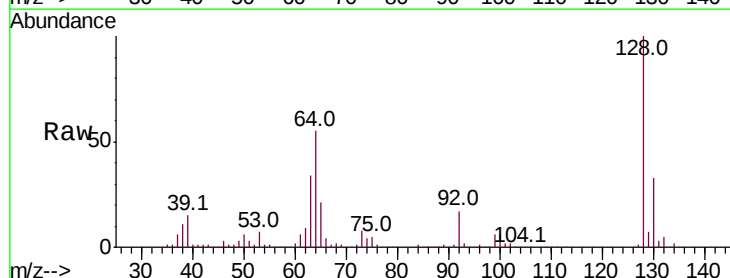
Tgt Ion:128 Resp: 463206

Ion Ratio Lower Upper

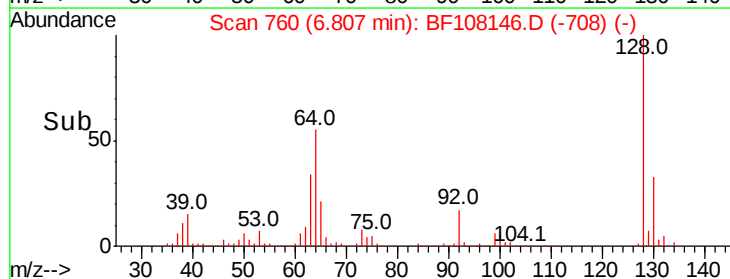
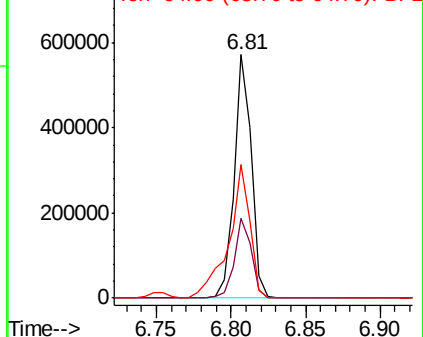
128 100

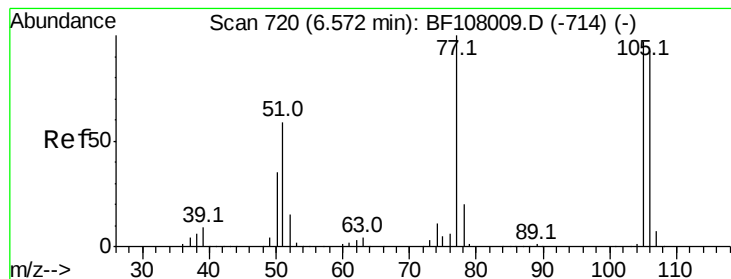
130 33.0 13.0 53.0

64 54.8 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: 26.073 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MS

Tot Ion: 77 Resp: 298728

Ion Ratio Lower Upper

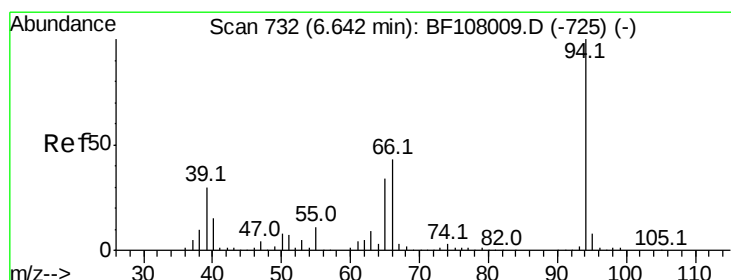
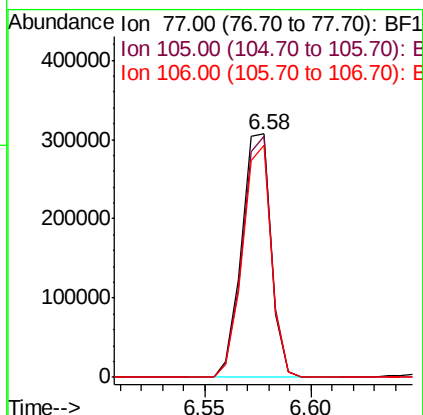
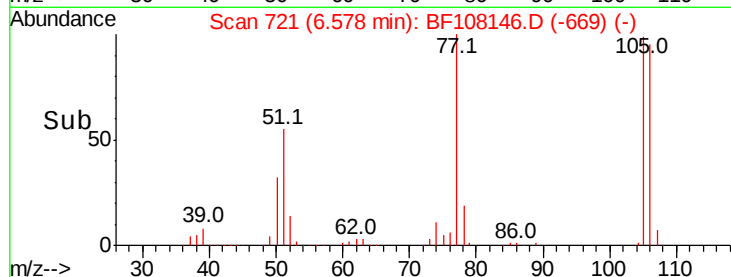
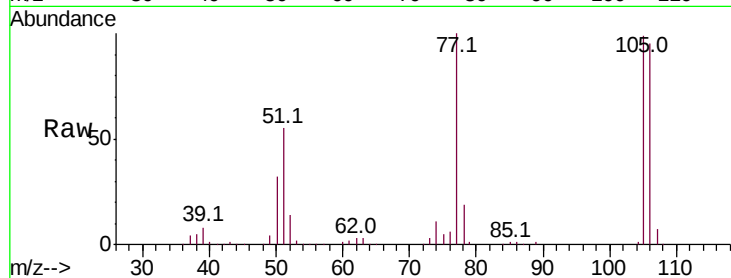
77 100

105 99.2 81.1 121.1

106 95.5 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 36.695 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

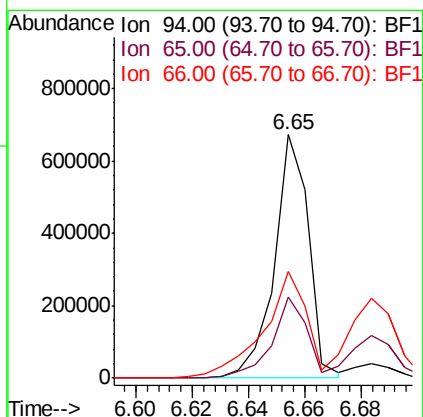
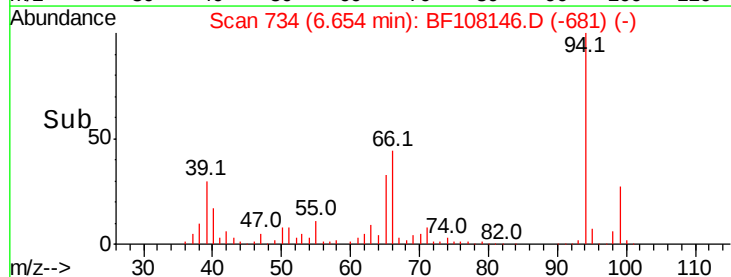
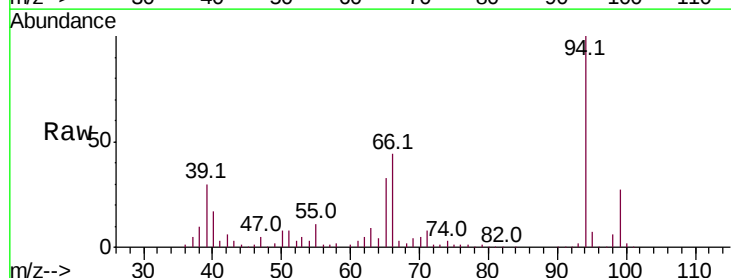
Tgt Ion: 94 Resp: 560905

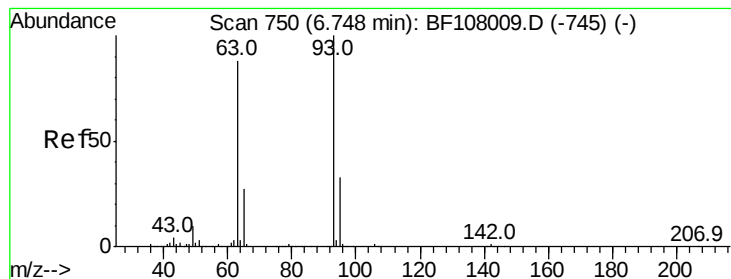
Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

66 43.8 16.2 56.2





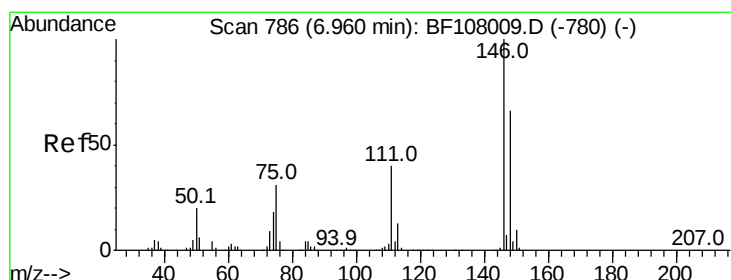
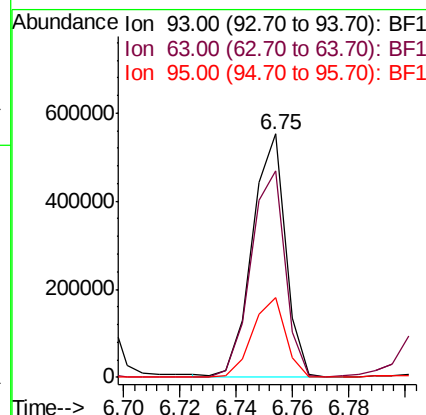
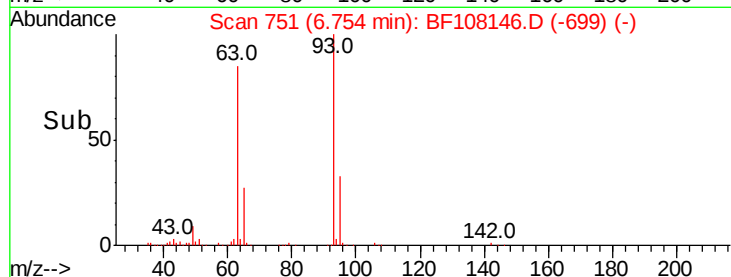
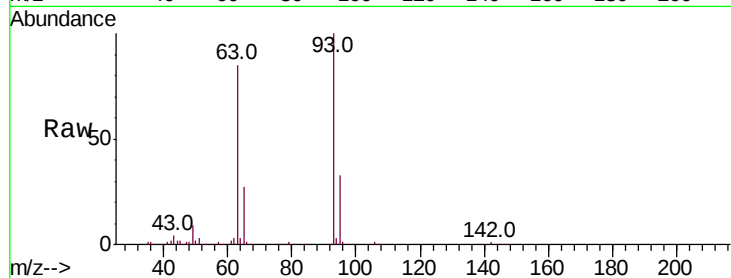
#11
bis(2-Chloroethyl)ether
Concen: 36.566 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	93	Resp	451870
Ion Ratio	100	Lower	Upper
93	100		
63	84.6	58.6	98.6
95	32.6	11.8	51.8

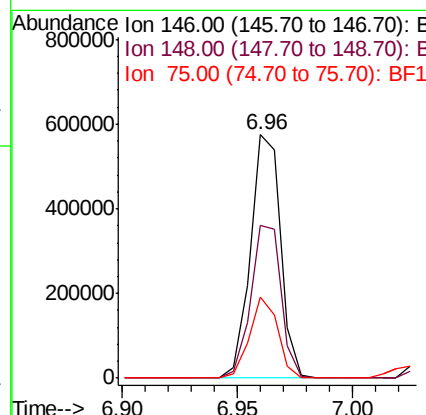
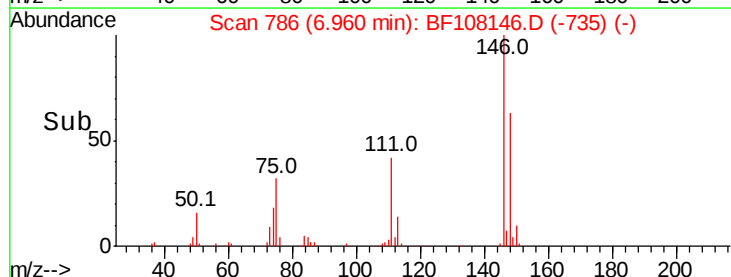
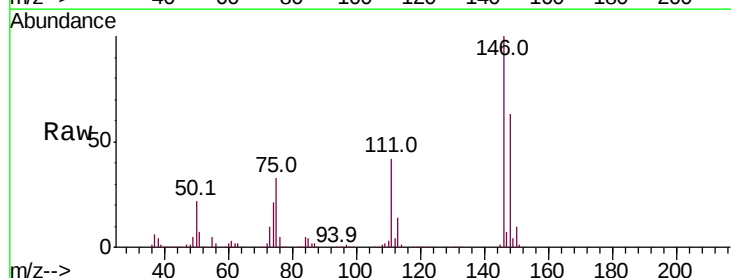
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#12
1,3-Dichlorobenzene
Concen: 36.147 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	146	Resp	523463
Ion Ratio	100	Lower	Upper
146	100		
148	62.7	51.8	77.8
75	33.3	24.2	36.4





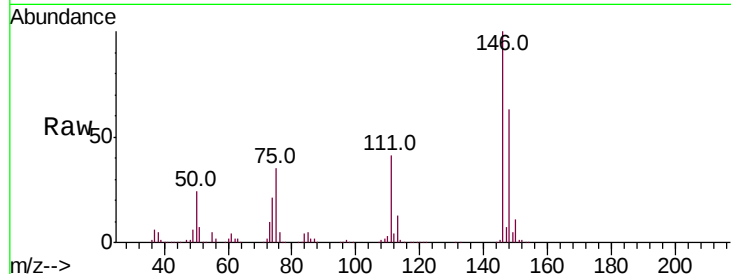
#13
 1,4-Dichlorobenzene
 Concen: 35.986 ng
 RT: 7.04 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	41.5	34.2	51.2

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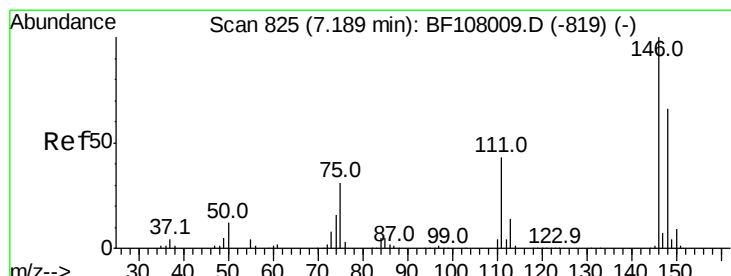
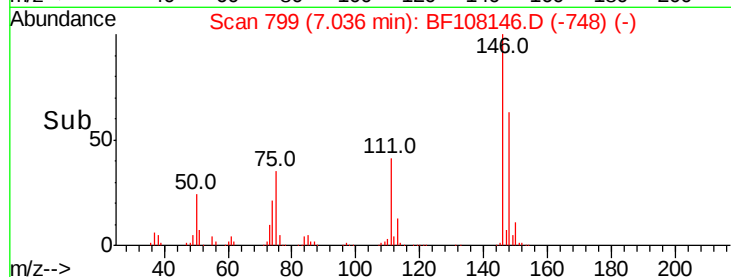
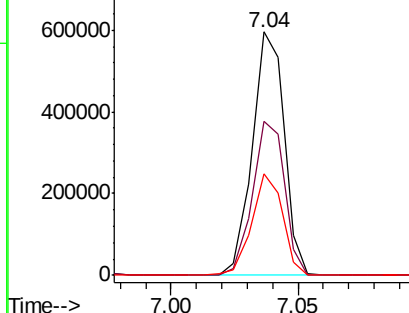


Abundance

Ion 146.00 (145.70 to 146.70): E

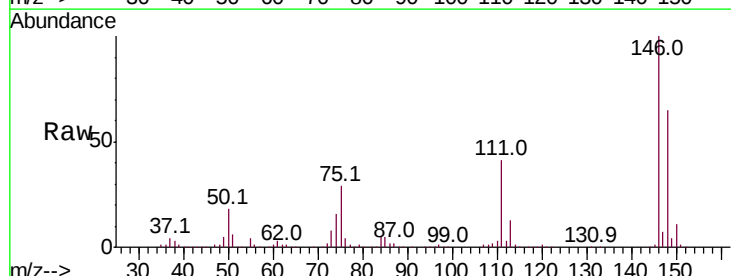
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.897 ng
 RT: 7.20 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
111	40.8	36.0	54.0

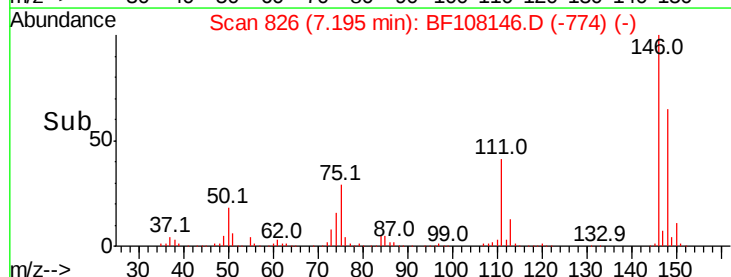
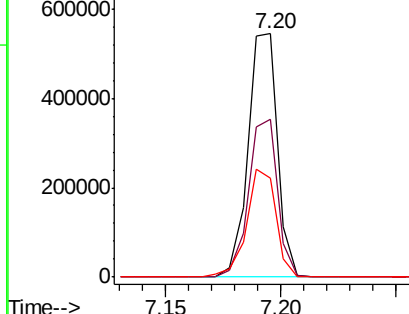


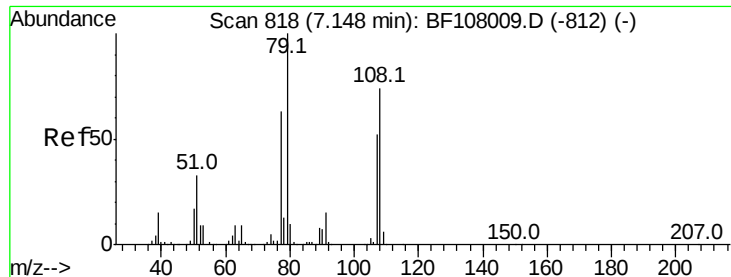
Abundance

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: 36.059 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

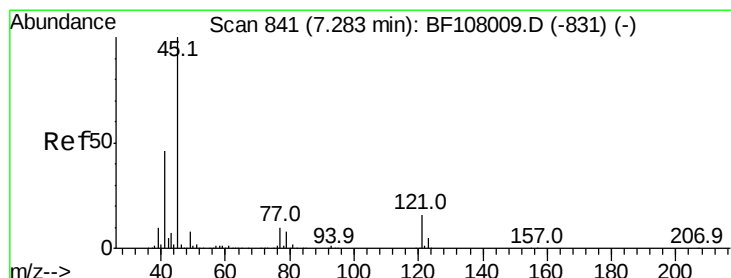
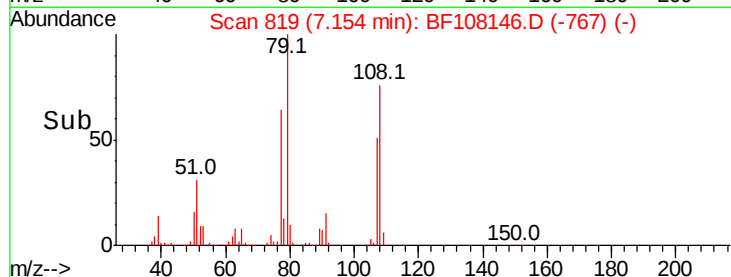
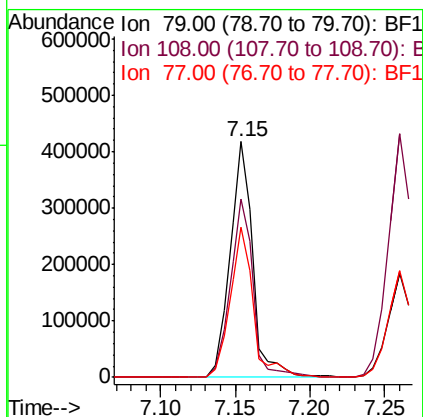
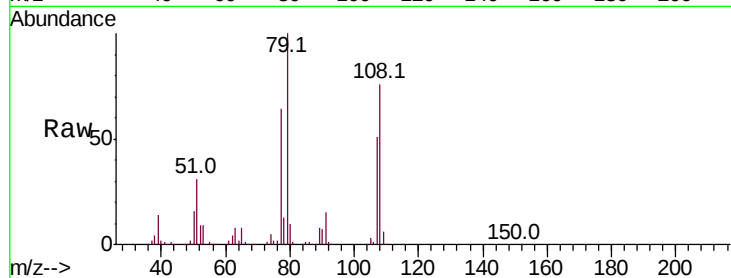
ClientSampleId :

TILCON-MH-001MS

Tot Ion:	79	Resp:	448586
Ion Ratio	Lower	Upper	
79	100		
108	75.5	65.1	97.7
77	63.7	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.558 ng

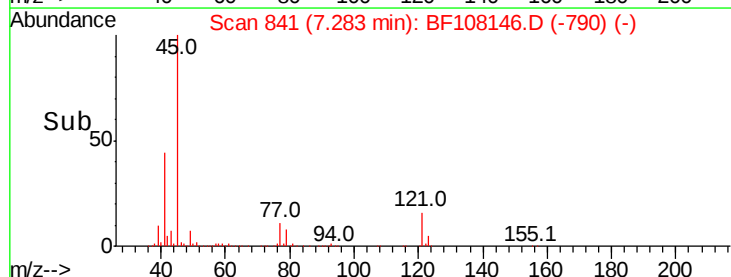
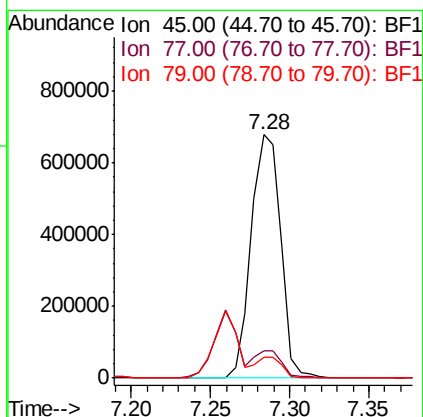
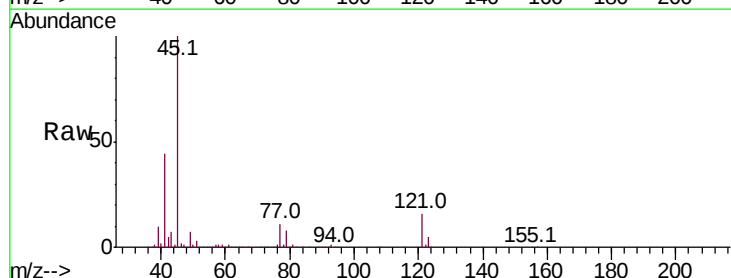
RT: 7.28 min Scan# 841

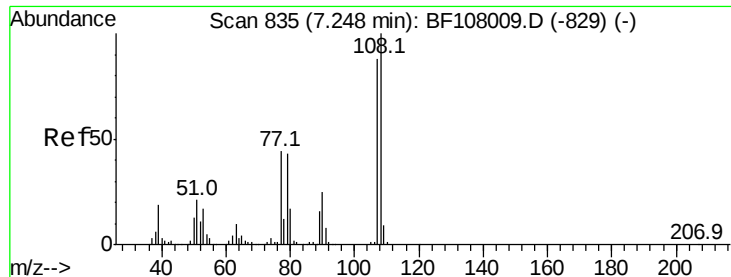
Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Tgt Ion:	45	Resp:	879784
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	32.9
79	8.4	0.0	29.6





#17

2-Methylphenol

Concen: 36.427 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

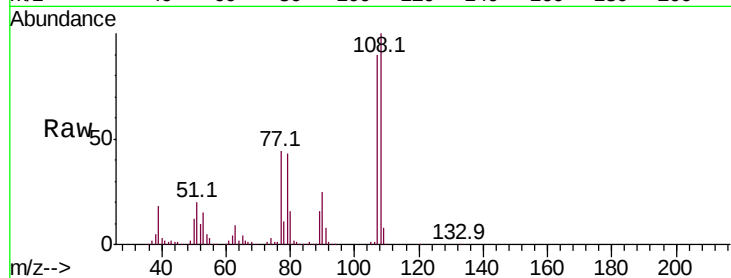
ClientSampleId :

TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	91.7	137.5	
77	49.0	33.8	50.8	
79	47.8	33.8	50.8	

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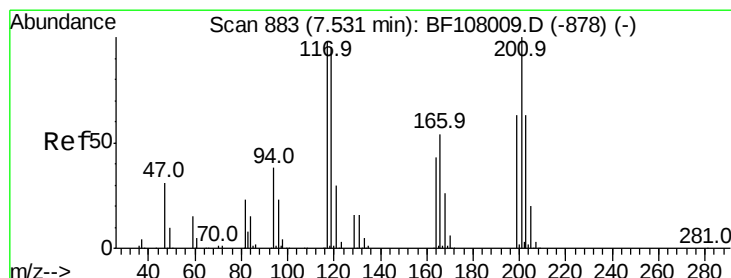
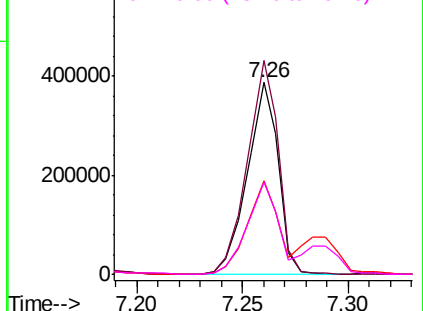
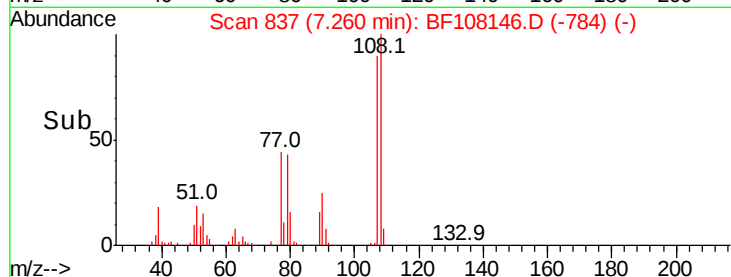
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.294 ng

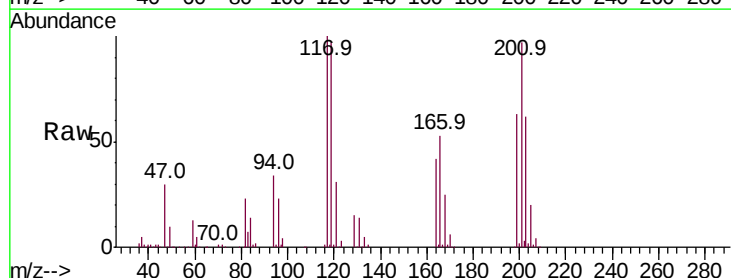
RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.8	
201	97.3	75.7	113.5	

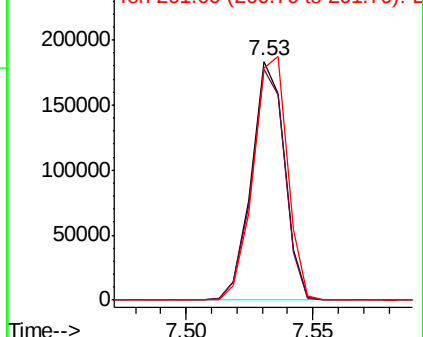
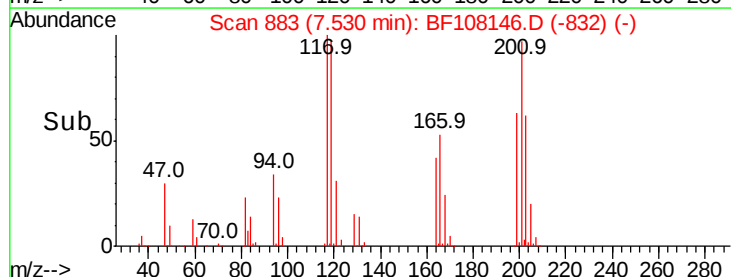


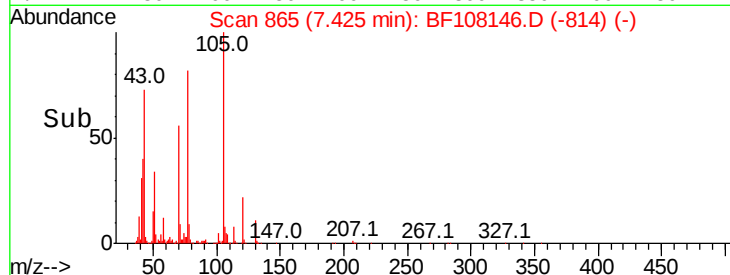
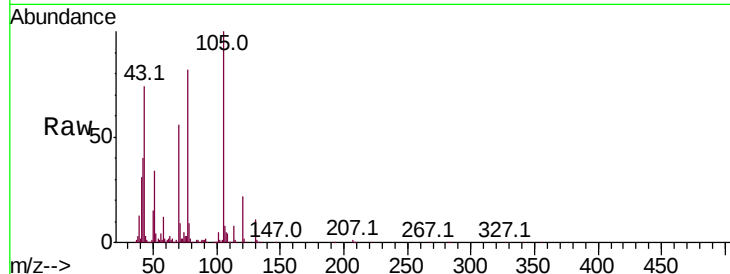
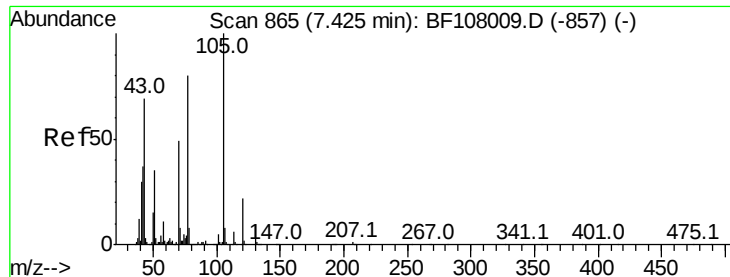
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





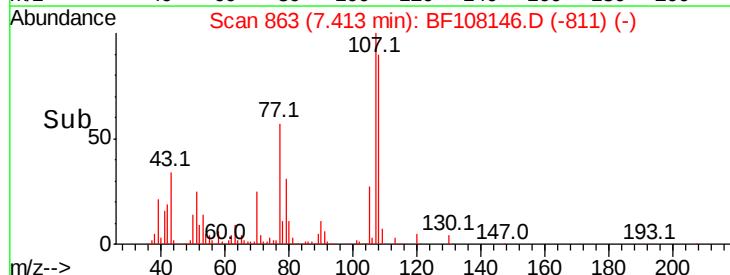
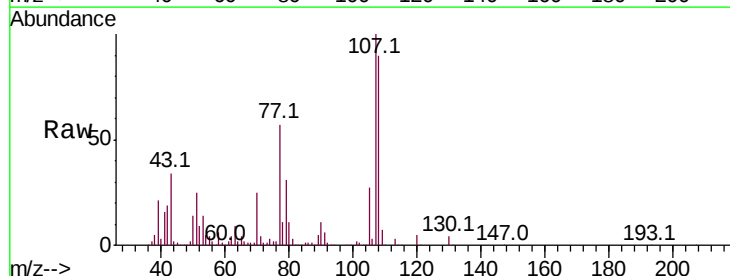
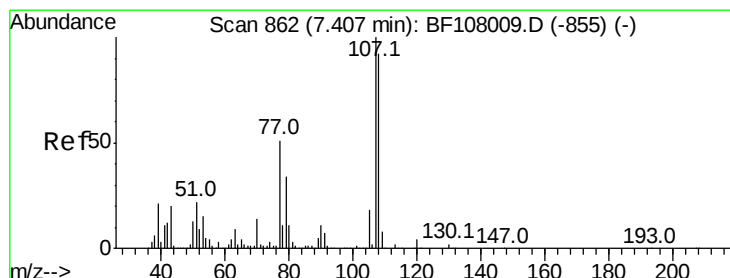
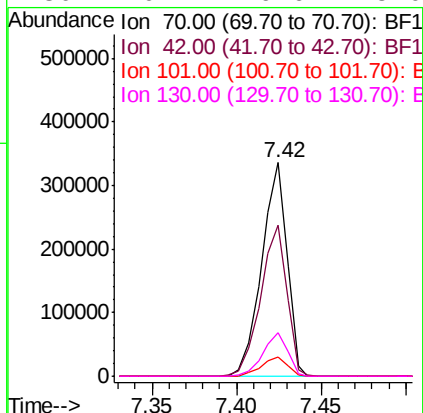
#19
n-Nitroso-di-n-propylamine
Concen: 34.968 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

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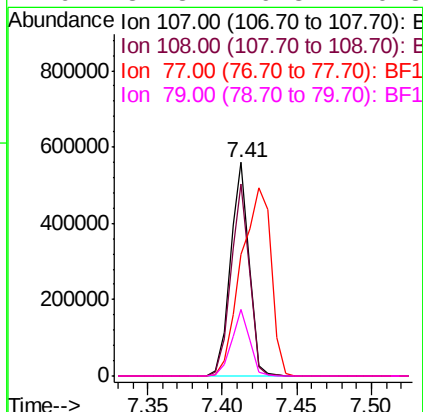
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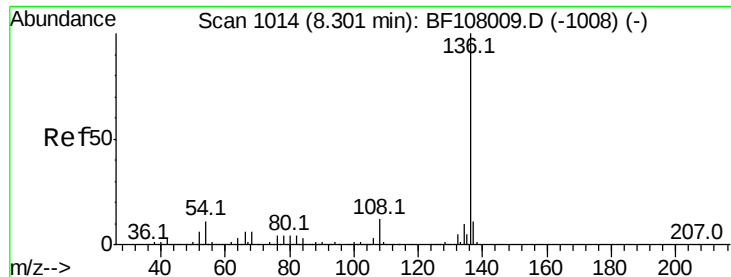
Tot Ion	70	Resp	349437
Ion Ratio	Lower	Upper	
70	100		
42	70.5	47.5	71.3
101	9.0	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.872 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	107	Resp	493730
Ion Ratio	Lower	Upper	
107	100		
108	90.1	68.2	108.2
77	57.1	26.7	66.7
79	31.3	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: BF108146.D

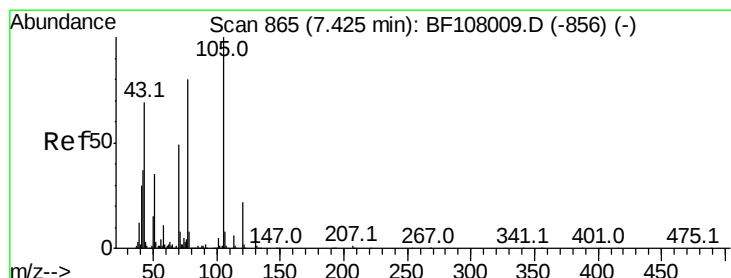
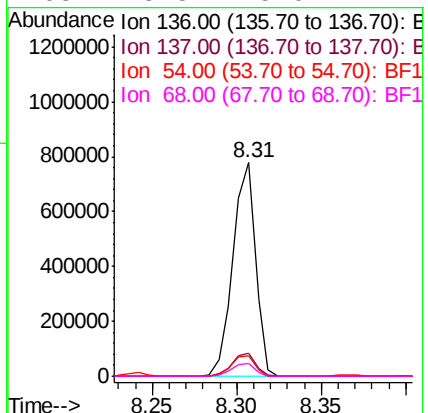
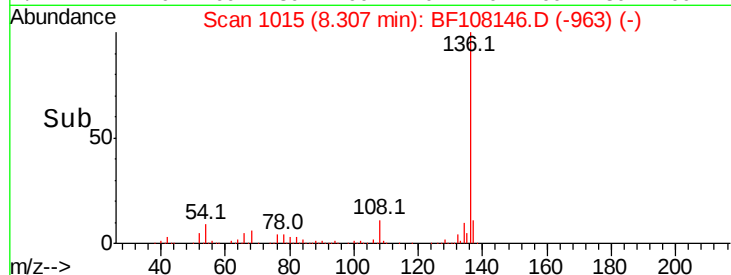
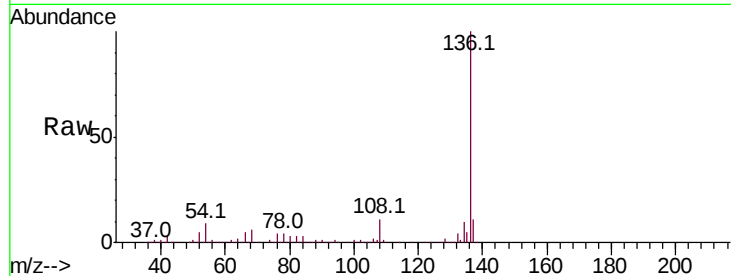
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	725111		
137	10.9		8.9	13.3
54	9.4		6.6	9.8
68	5.8		5.0	7.4

Manual Integrations
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#22

Acetophenone

Concen: 39.113 ng

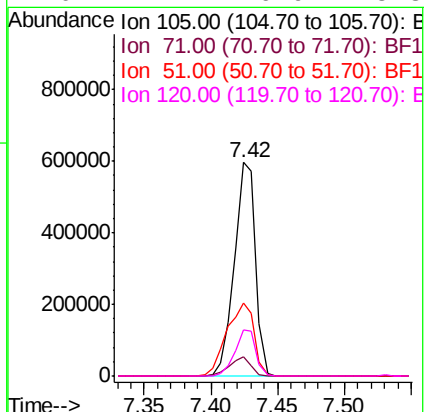
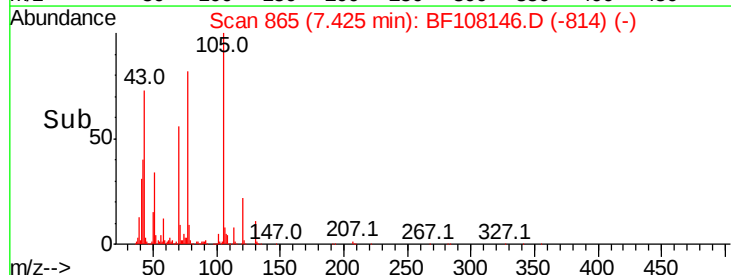
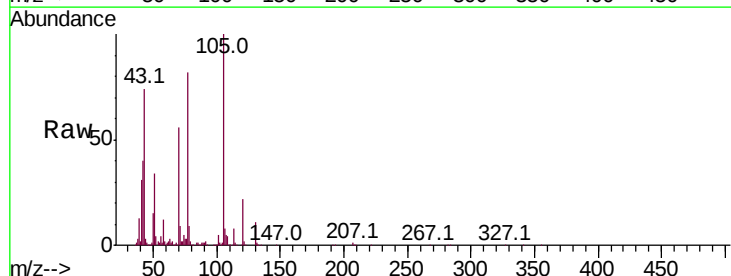
RT: 7.42 min Scan# 865

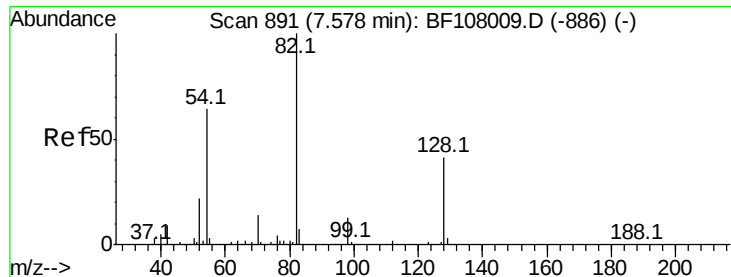
Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	663156		
71	9.2		4.4	6.6#
51	34.1		22.3	33.5#
120	21.7		16.9	25.3





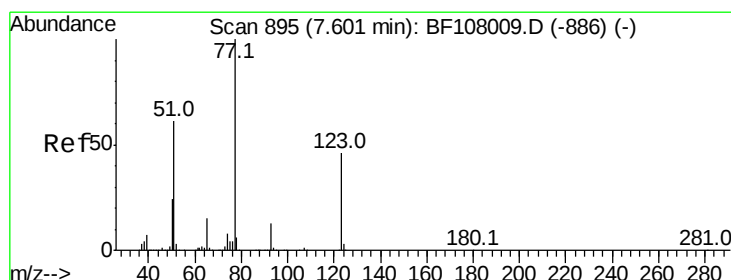
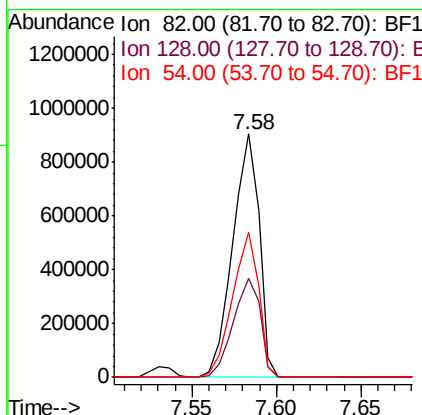
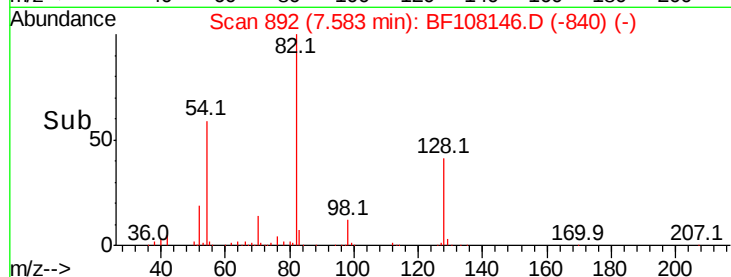
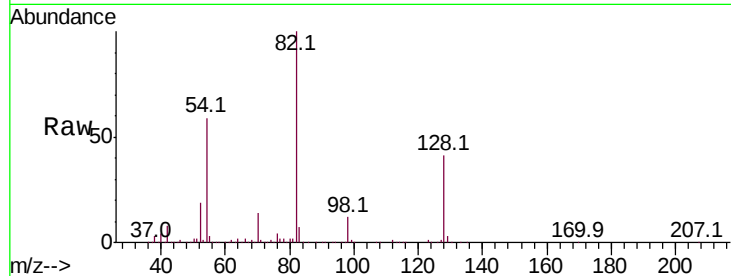
#23
 Nitrobenzene-d5
 Concen: 75.663 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	983202		
128	40.8		36.1	54.1
54	59.4		41.4	62.2

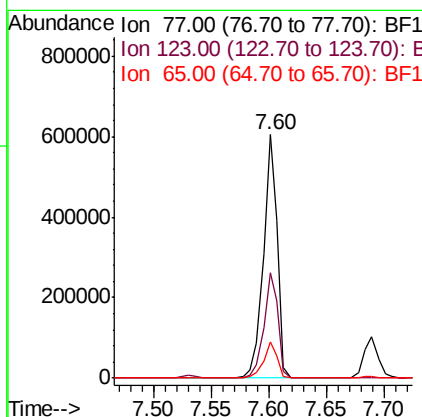
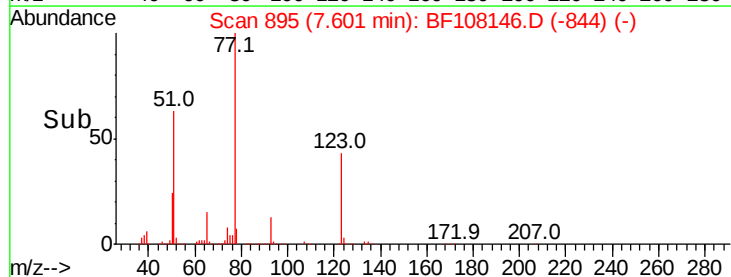
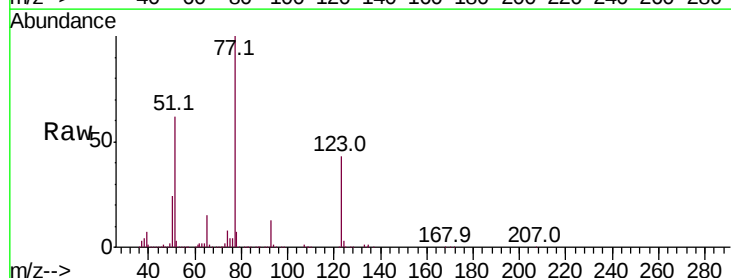
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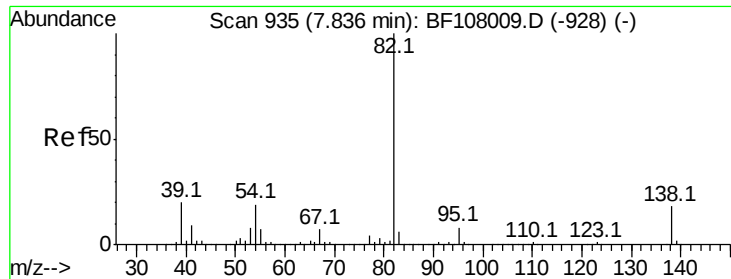
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#24
 Nitrobenzene
 Concen: 39.038 ng
 RT: 7.60 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	512967		
123	43.4		37.9	56.9
65	14.8		11.0	16.4





#25

Isophorone

Concen: 37.421 ng

RT: 7.84 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

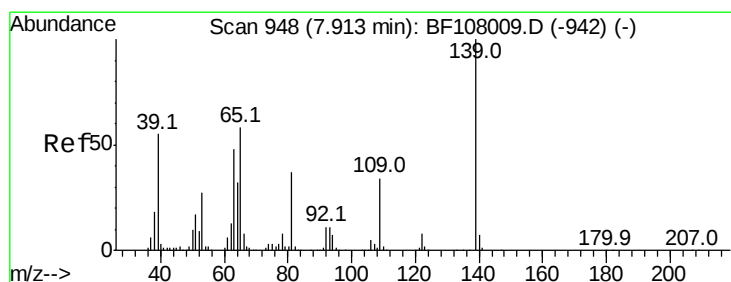
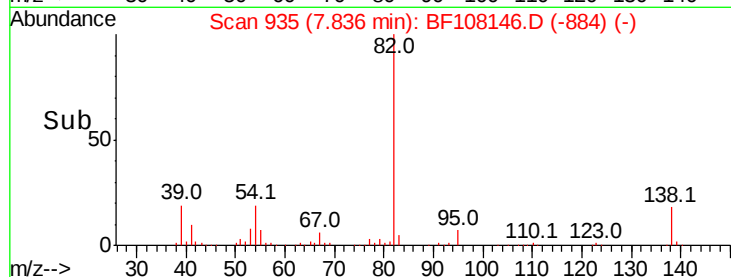
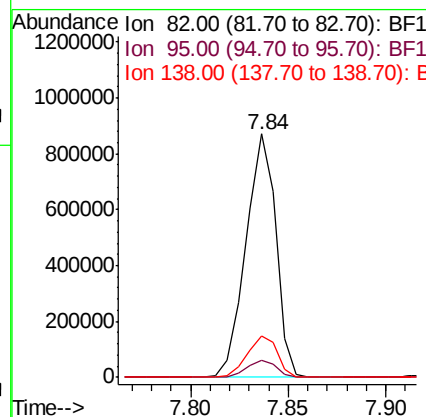
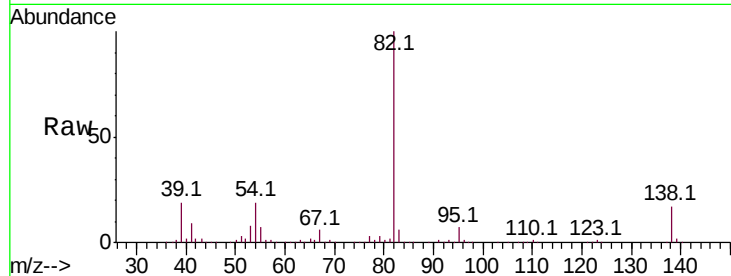
ClientSampleId :

TILCON-MH-001MS

Tot Ion:	82	Resp:	926846
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	16.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 41.636 ng

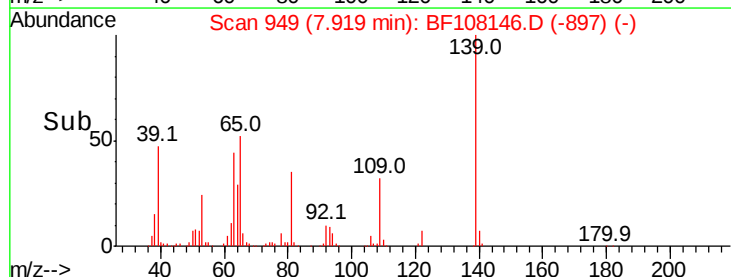
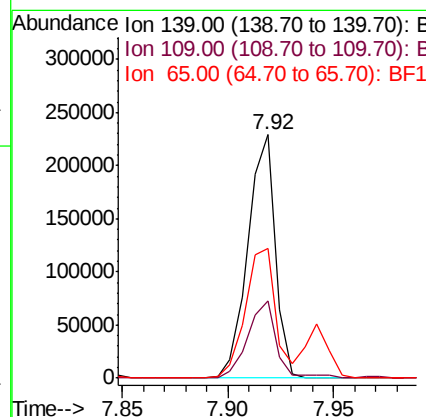
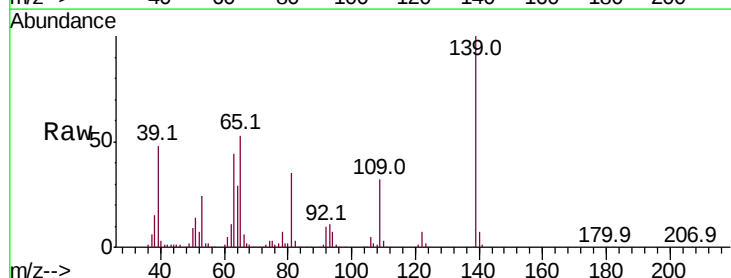
RT: 7.92 min Scan# 949

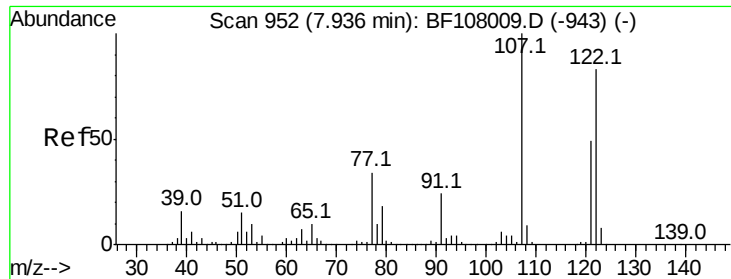
Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Tgt Ion:	139	Resp:	206612
Ion Ratio	Lower	Upper	
139	100		
109	31.6	22.7	34.1
65	53.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 38.377 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

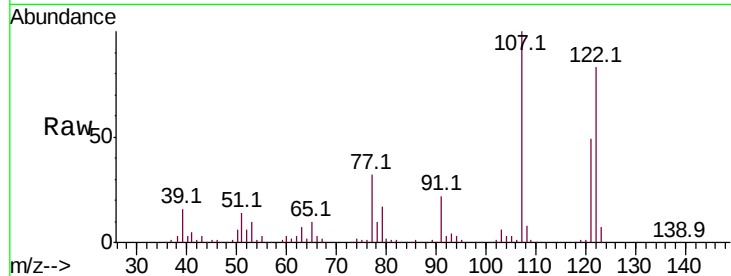
ClientSampleId :

TILCON-MH-001MS

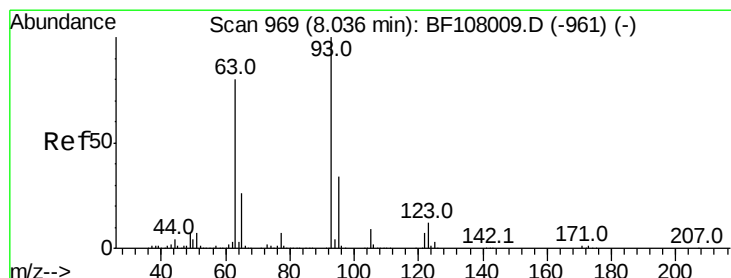
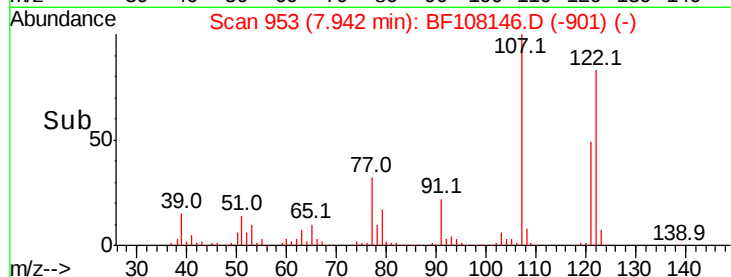
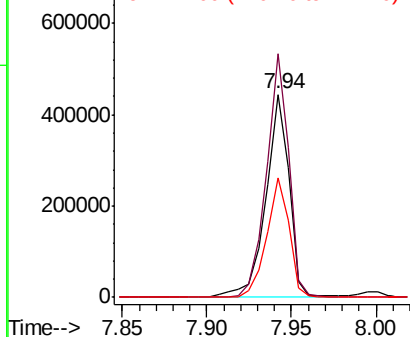
Tot Ion:	122	Resp:	421870
Ion Ratio	Lower	Upper	
122	100		
107	120.0	91.2	136.8
121	59.0	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.465 ng

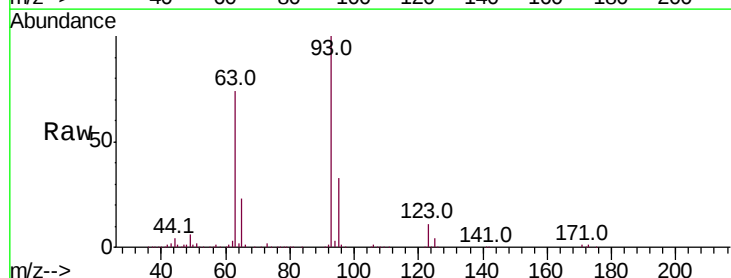
RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

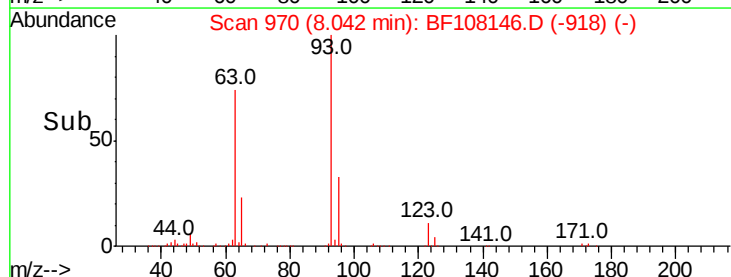
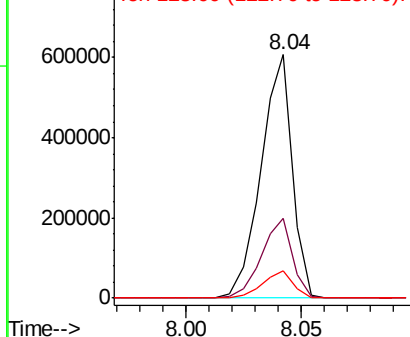
Lab File: BF108146.D

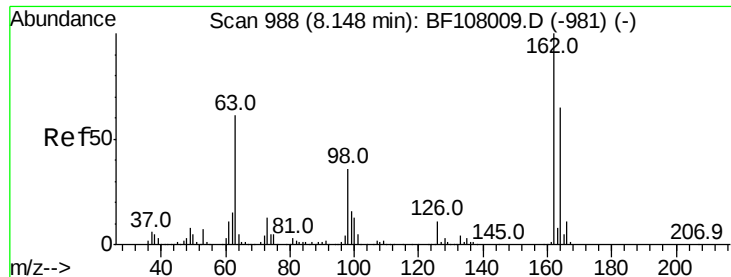
Acq: 14 Aug 2018 15:53

Tgt Ion:	93	Resp:	570628
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.3	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





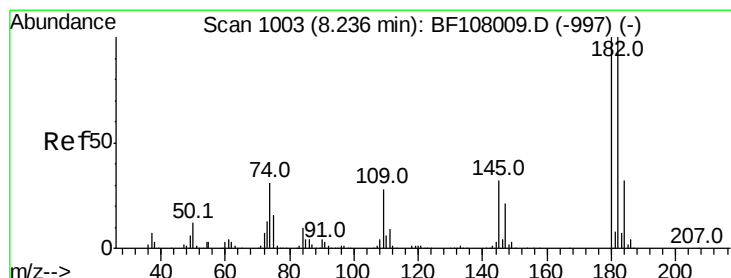
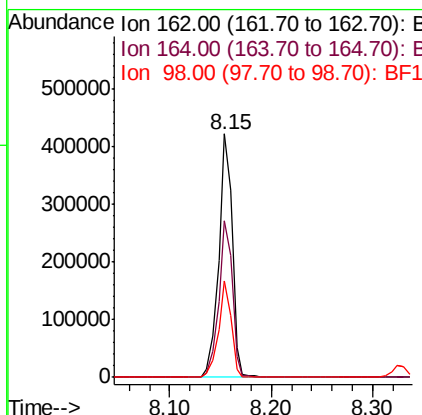
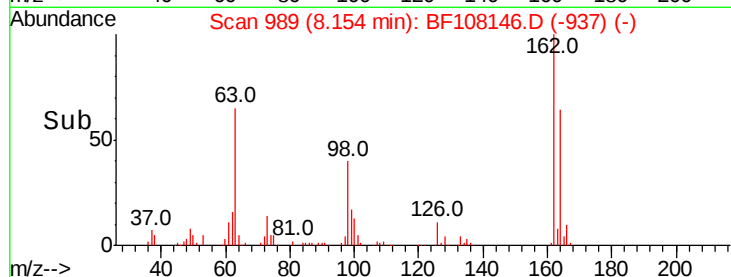
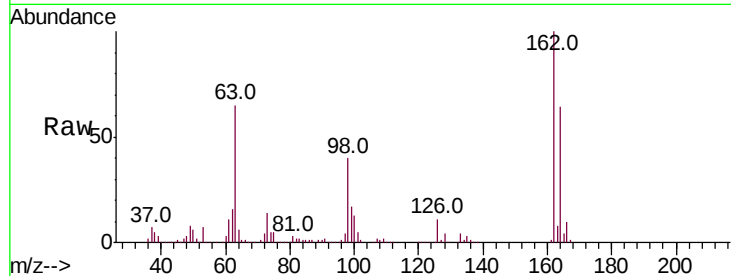
#29
 2,4-Dichlorophenol
 Concen: 38.615 ng
 RT: 8.15 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion:	162	Resp:	390643
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	39.6	18.1	58.1

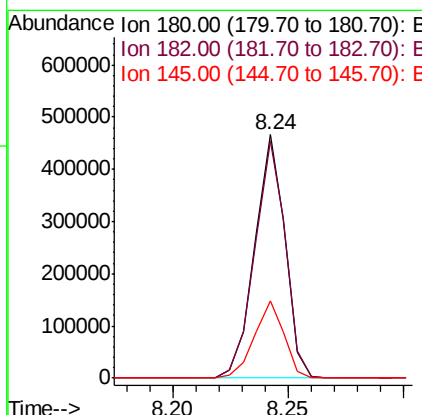
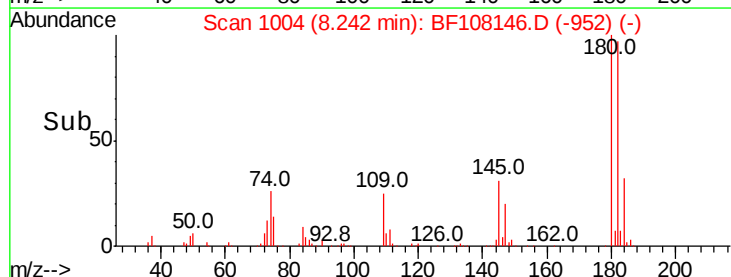
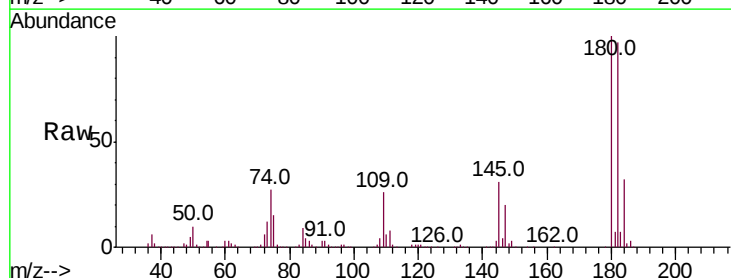
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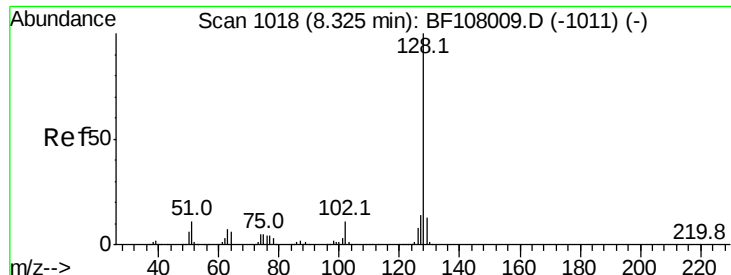
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.187 ng
 RT: 8.24 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion:	180	Resp:	425922
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.8	115.2
145	31.5	26.5	39.7





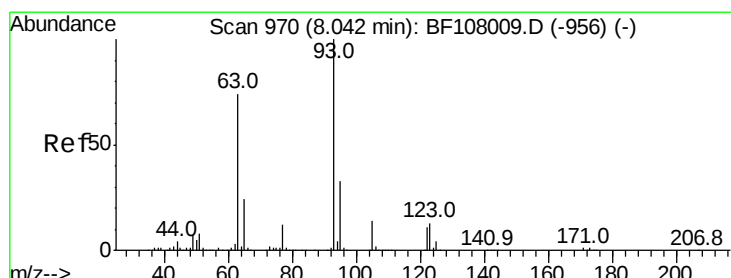
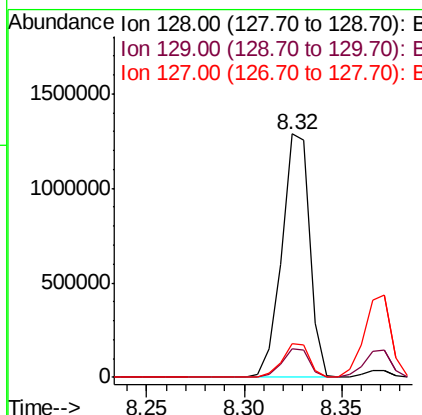
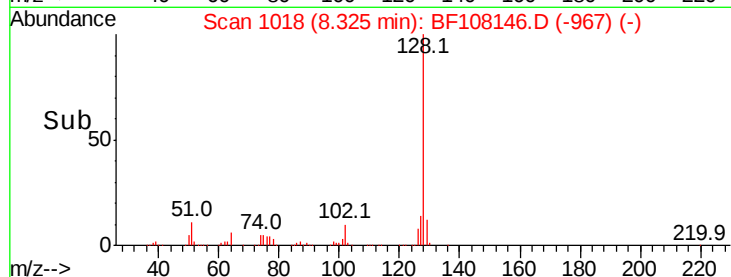
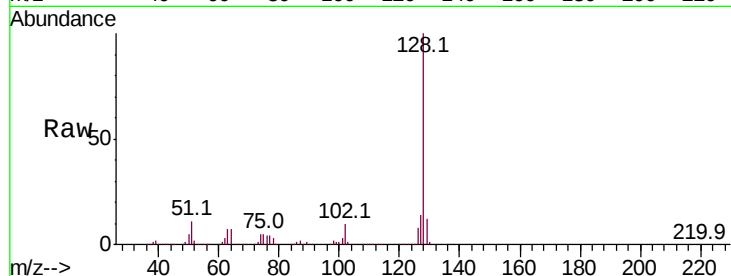
#31
Naphthalene
Concen: 38.650 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.8	10.9	16.3

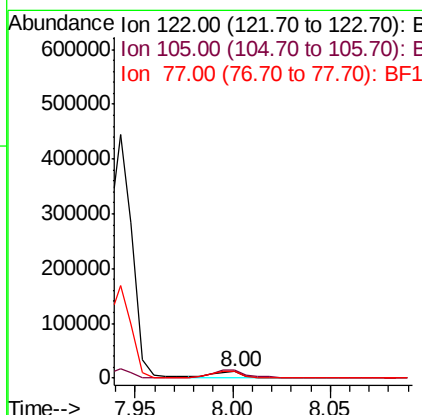
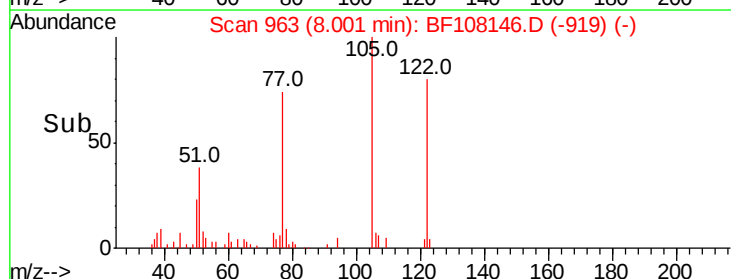
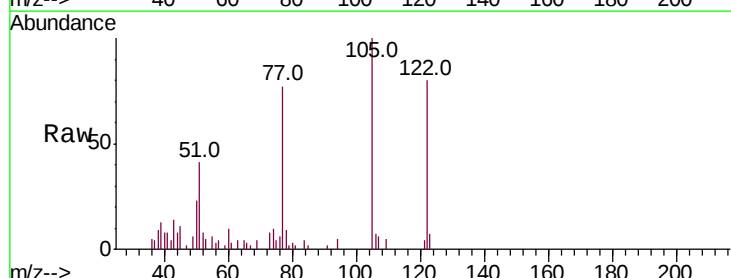
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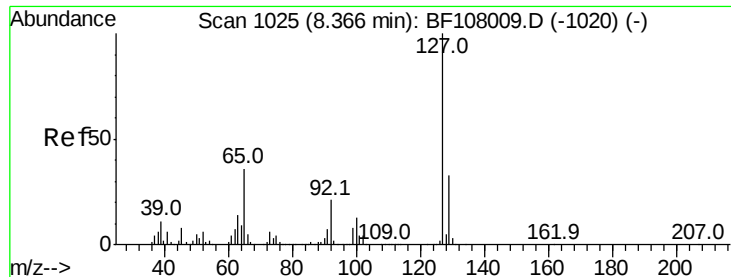
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#32
Benzoic acid
Concen: 8.007 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	101.1	141.1
77	95.5	70.7	110.7





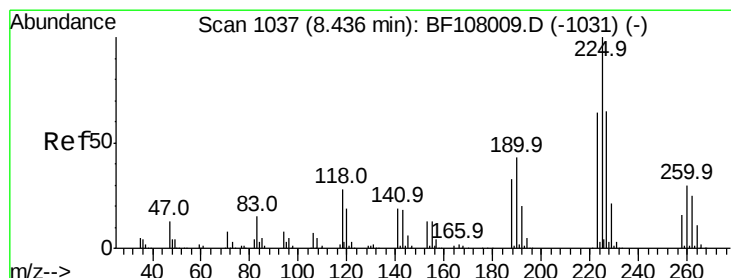
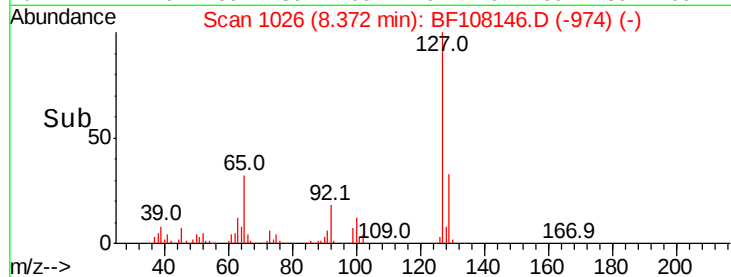
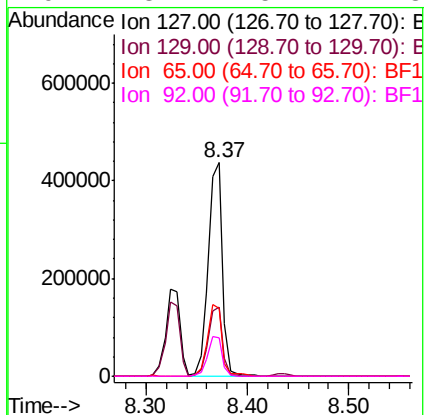
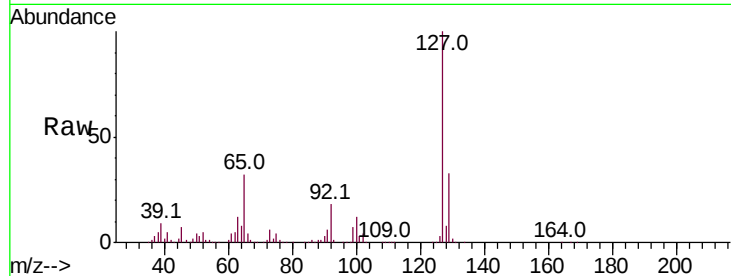
#33
4-Chloroaniline
Concen: 29.534 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
424431	127	100			
	129	32.6	25.9	38.9	
	65	31.7	25.0	37.4	
	92	18.1	15.2	22.8	

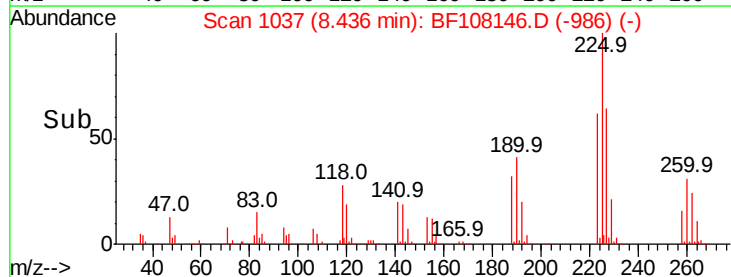
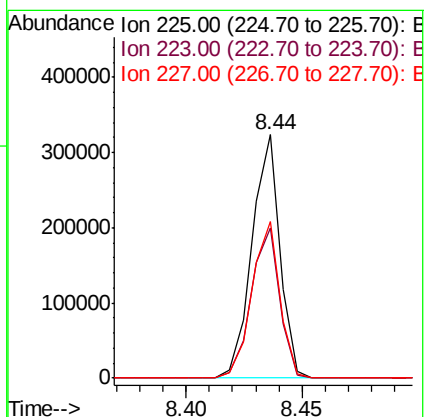
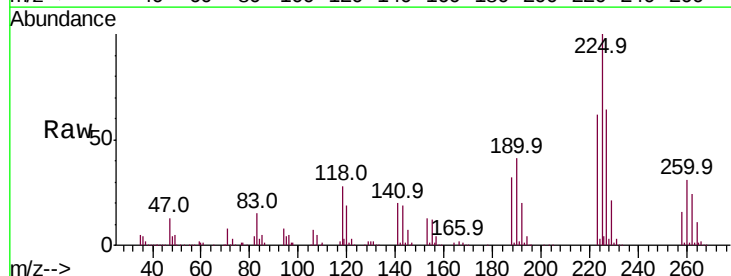
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#34
Hexachlorobutadiene
Concen: 38.792 ng
RT: 8.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
273904	225	100			
	223	61.9	50.6	76.0	
	227	64.1	51.9	77.9	





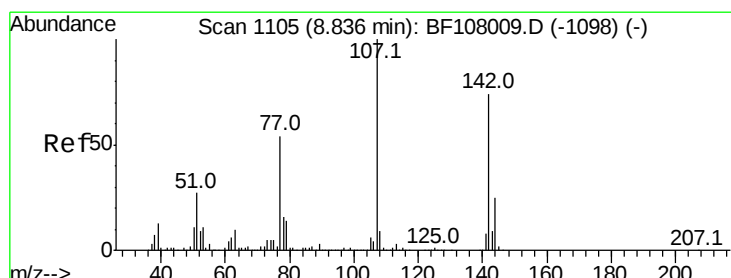
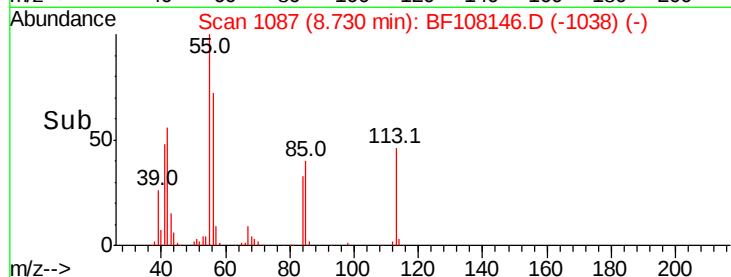
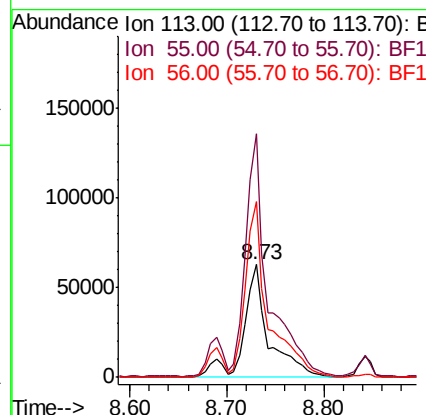
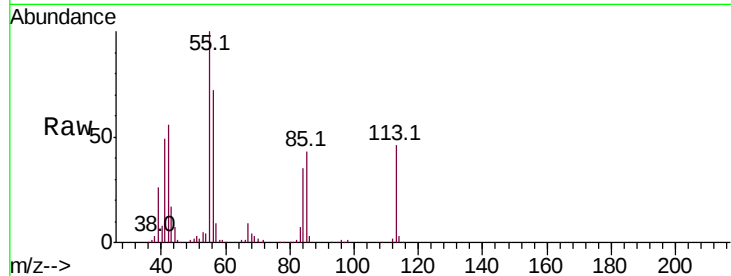
#35
Caprolactam
Concen: 35.926 ng/ml
RT: 8.73 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.4	163.3	203.3#
56	156.1	115.7	155.7#

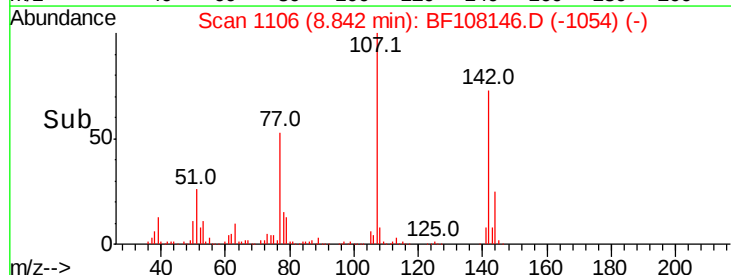
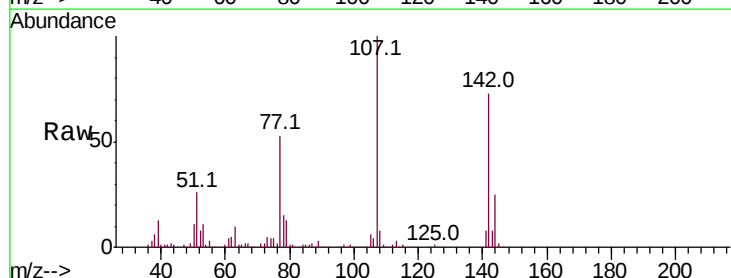
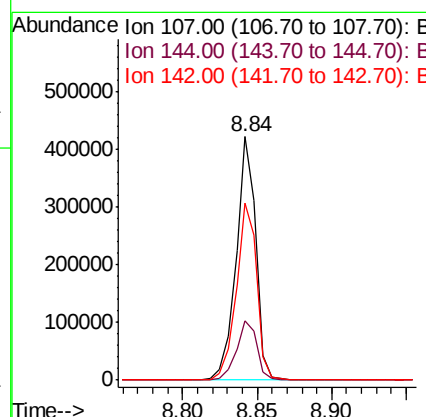
Manual Integrations
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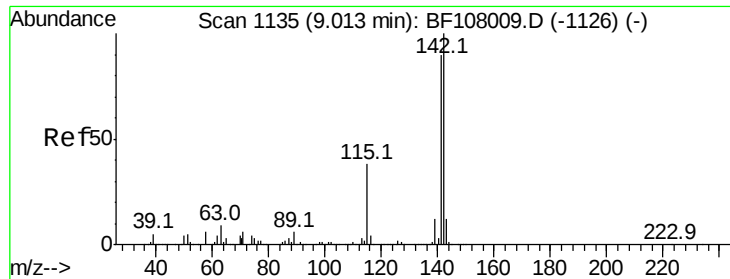
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#36
4-Chloro-3-methylphenol
Concen: 35.967 ng/ml
RT: 8.84 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.5	30.7
142	72.9	62.0	93.0





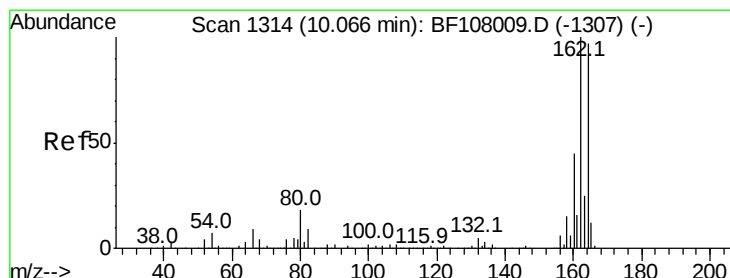
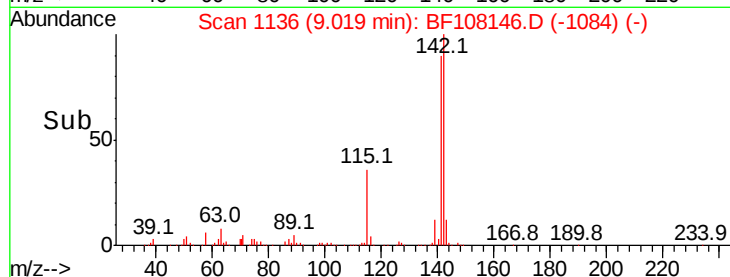
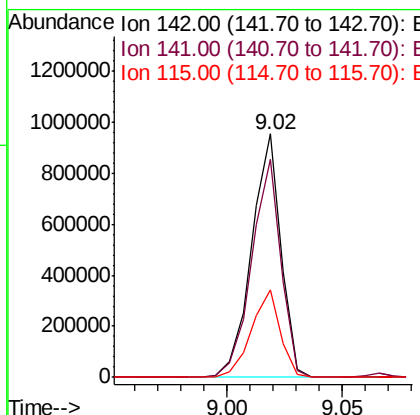
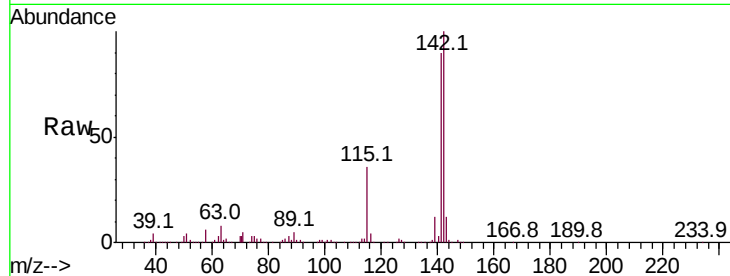
#37
2-Methylnaphthalene
Concen: 36.323 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	36.0	26.1	39.1

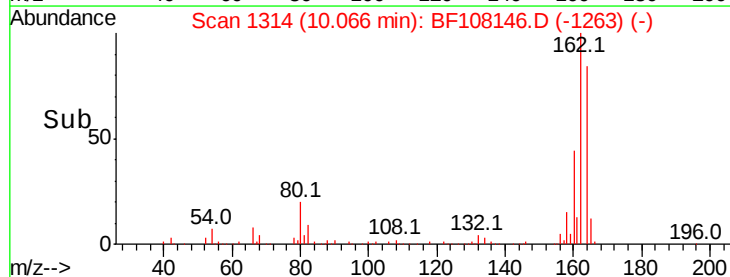
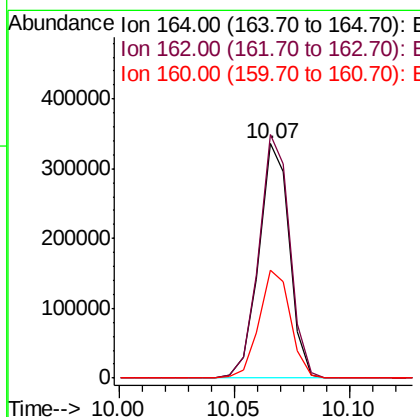
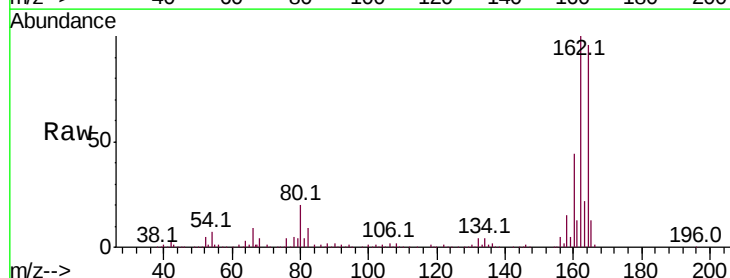
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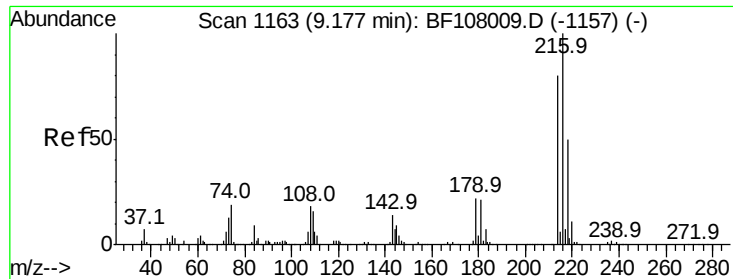
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.1	38.3	57.5





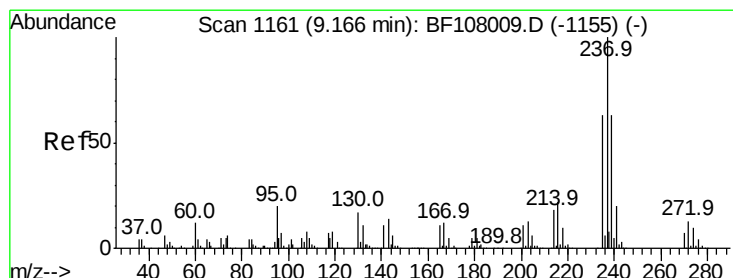
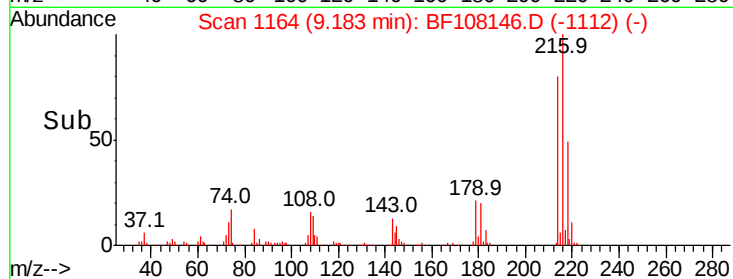
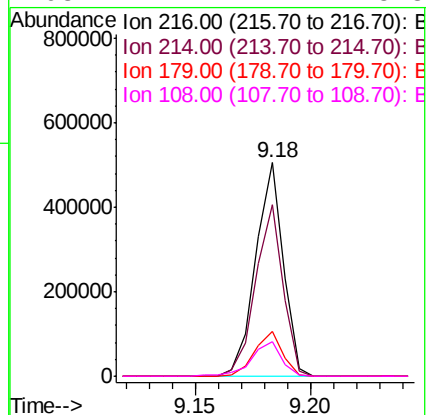
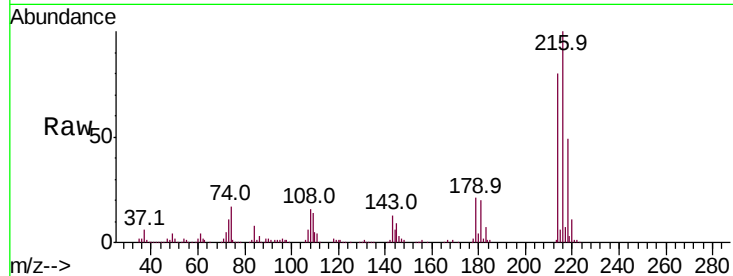
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.649 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.9	18.1	27.1
108	17.7	17.2	25.8

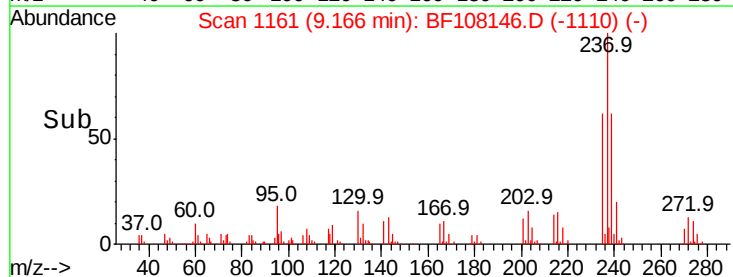
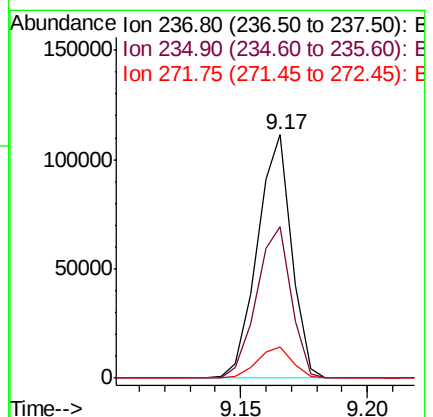
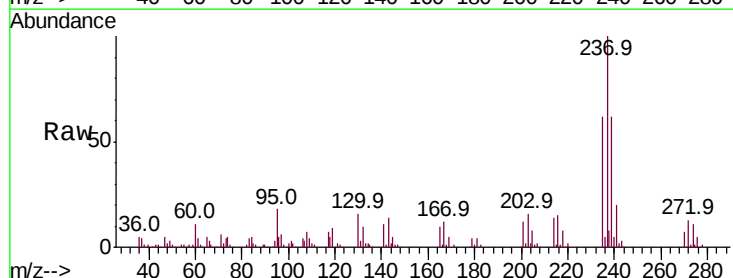
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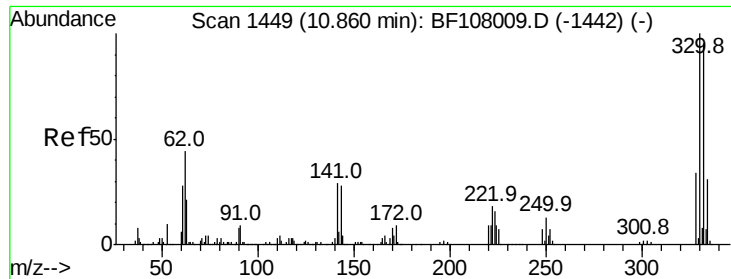
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#40
 Hexachlorocyclopentadiene
 Concen: 16.879 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	44.8	84.8
272	12.9	0.0	33.3





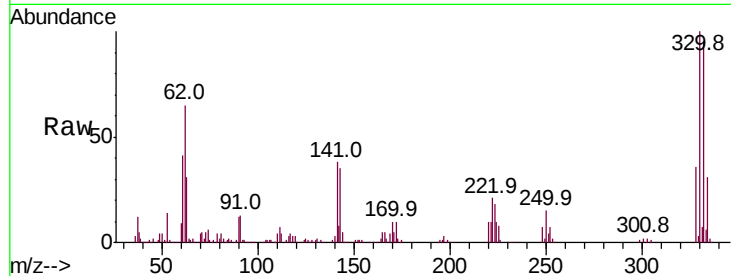
#41
 2,4,6-Tribromophenol
 Concen: 103.784 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	33.1	29.9	44.9	

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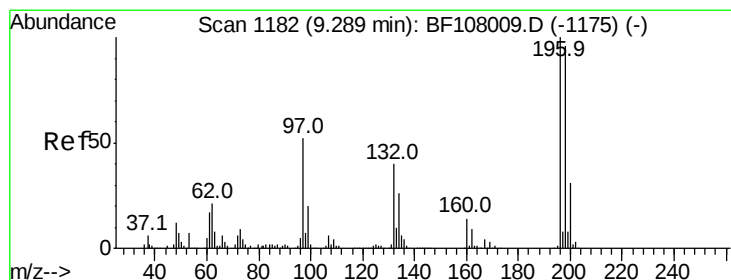
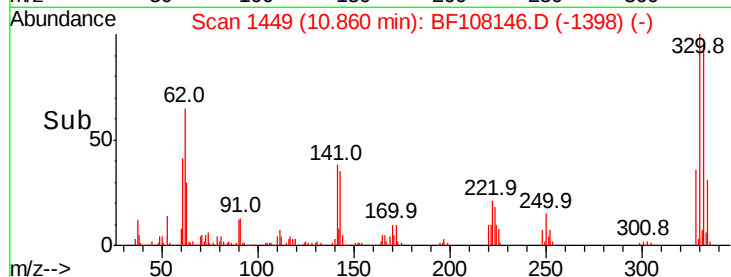
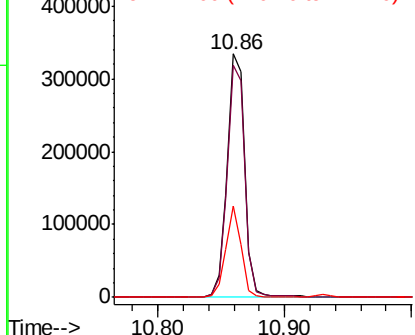


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.312 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

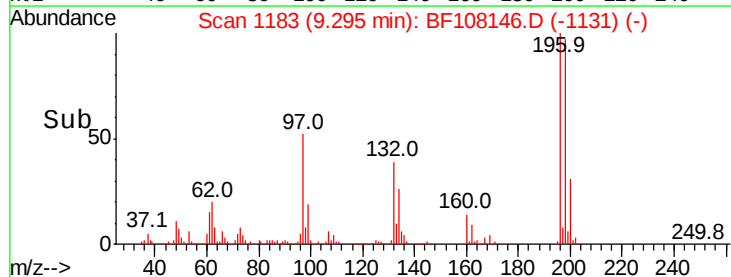
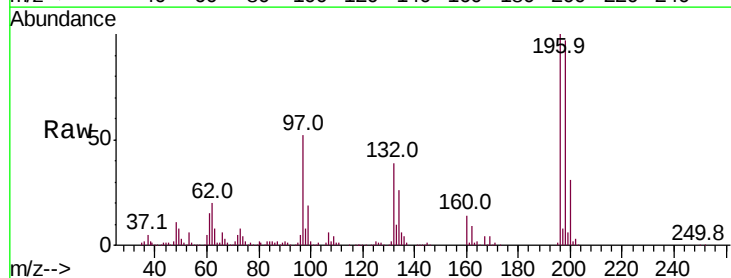
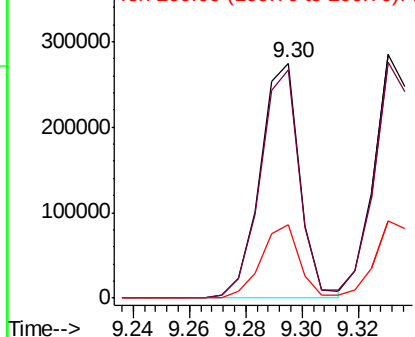
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.9	75.7	113.5	
200	31.1	24.5	36.7	

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





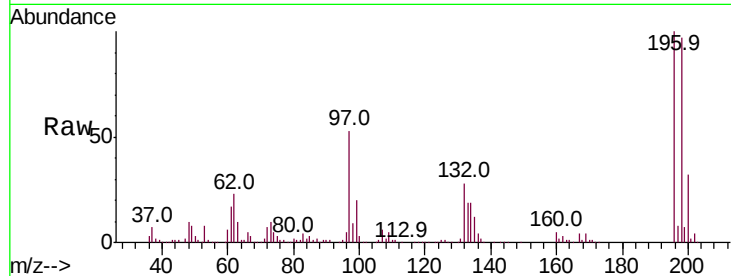
#43
 2,4,5-Trichlorophenol
 Concen: 41.666 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	196	Resp	270900
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	52.7	42.9	64.3
132	28.3	26.3	39.5

Manual Integrations
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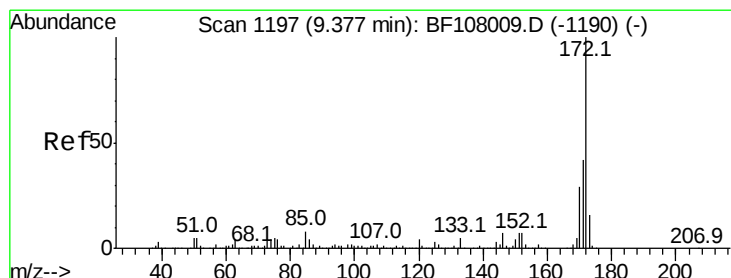
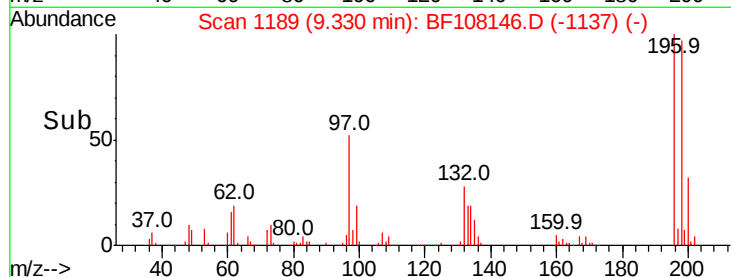
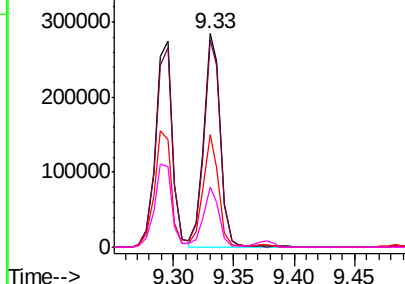
Abundance

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: 87.178 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

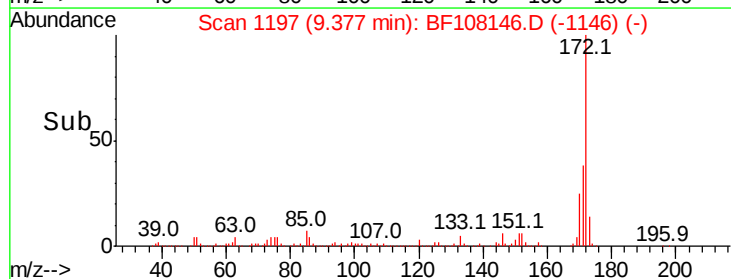
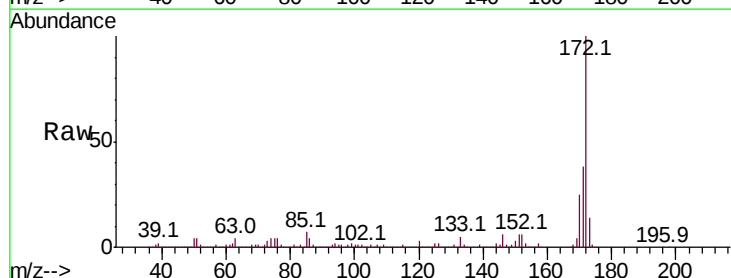
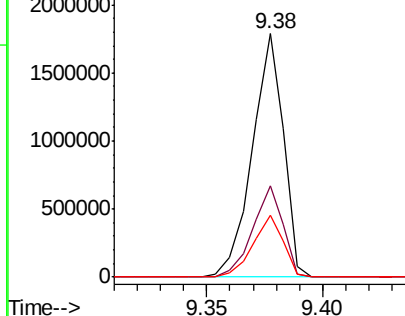
Tgt Ion	172	Resp	1682946
Ion Ratio	Lower	Upper	
172	100		
171	37.7	29.7	44.5
170	25.2	19.6	29.4

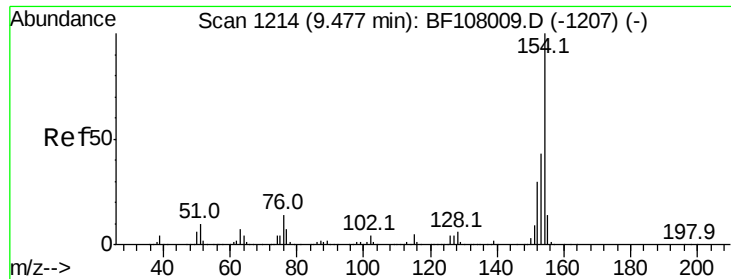
Abundance

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





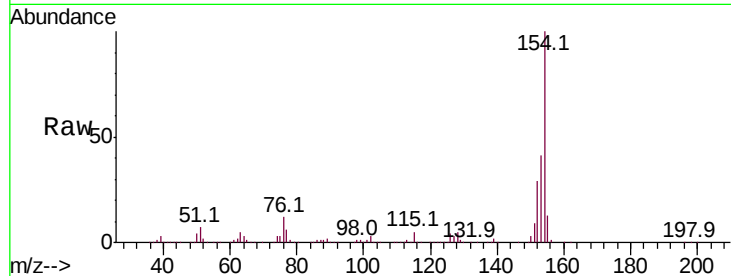
#45
 1,1'-Biphenyl
 Concen: 44.388 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.1	0.0	34.0

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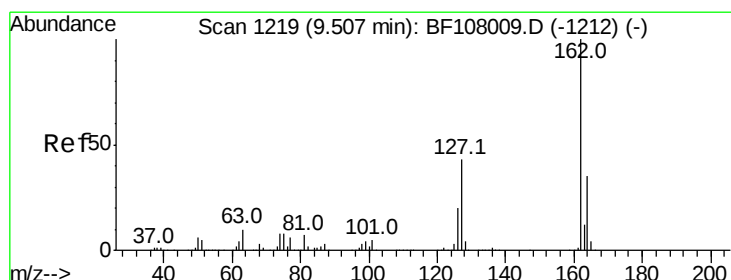
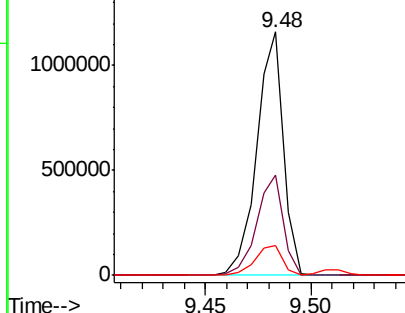
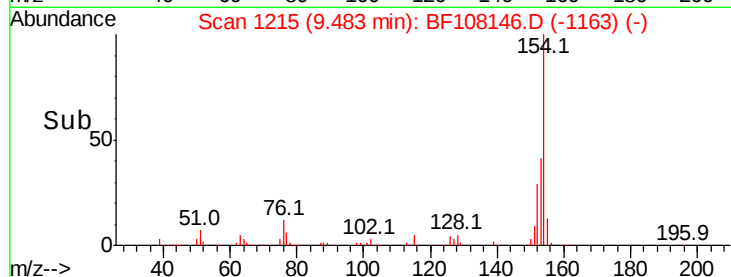


Abundance

Ion 154.00 (153.70 to 154.70): E

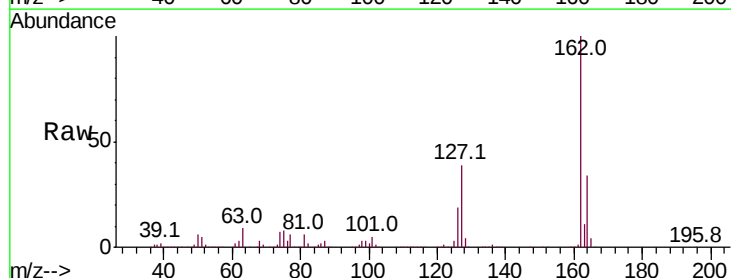
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 42.550 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	33.5	26.5	39.7

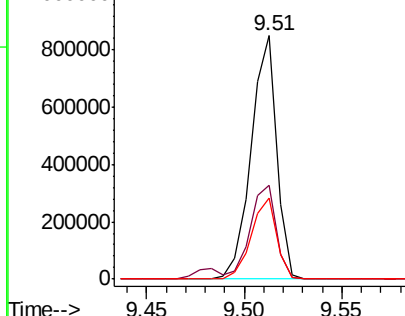
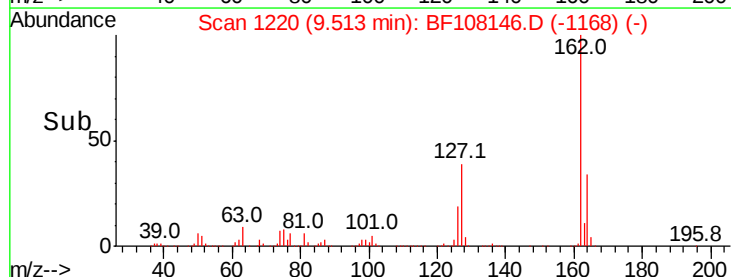


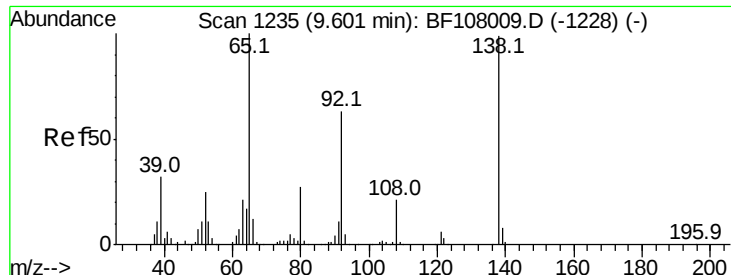
Abundance

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





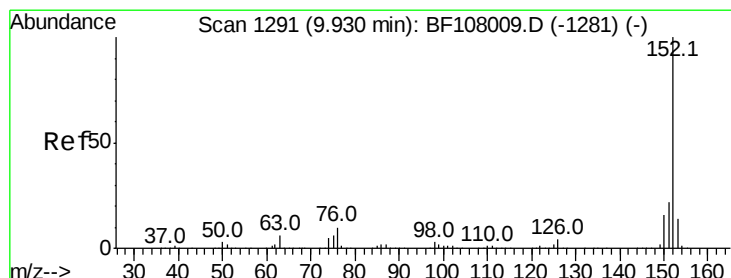
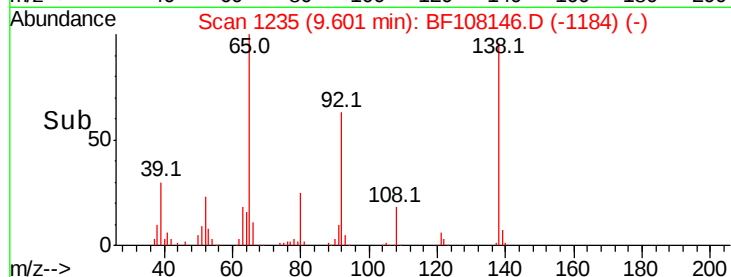
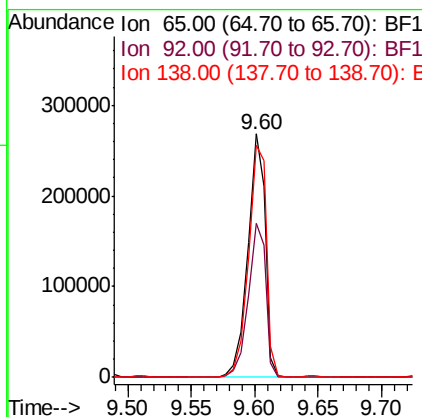
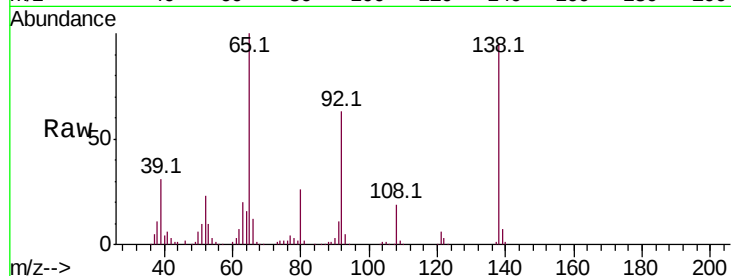
#47
2-Nitroaniline
Concen: 43.613 ng
RT: 9.60 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.1	55.8	83.6
138	95.3	91.2	136.8

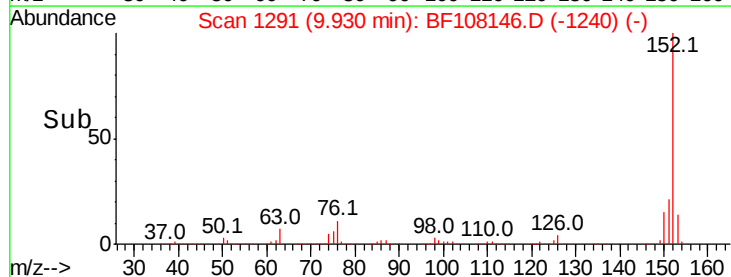
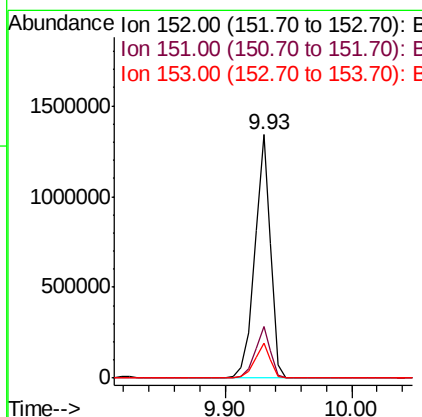
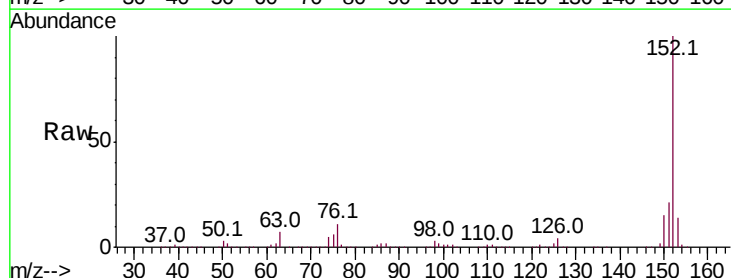
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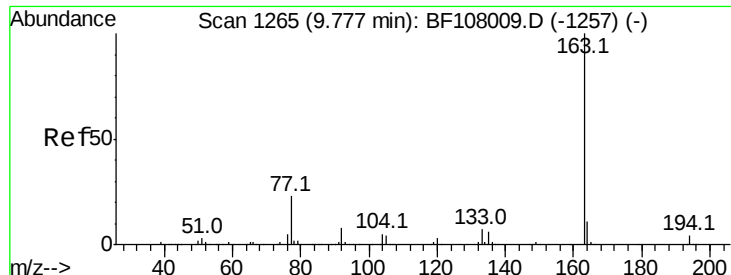
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#48
Acenaphthylene
Concen: 40.732 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.2	10.7	16.1





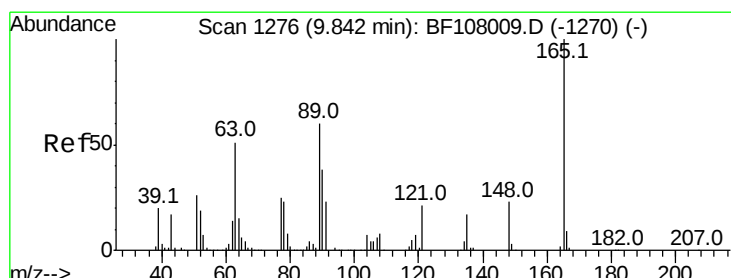
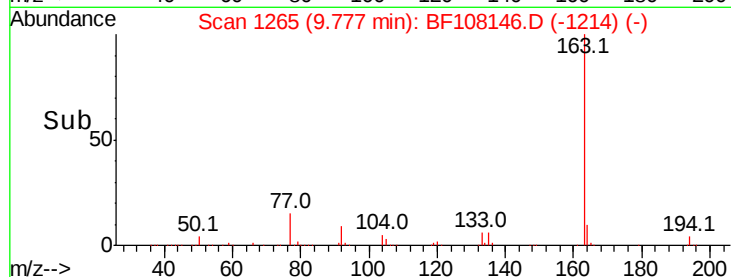
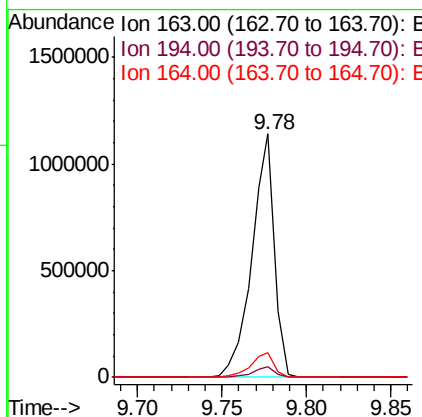
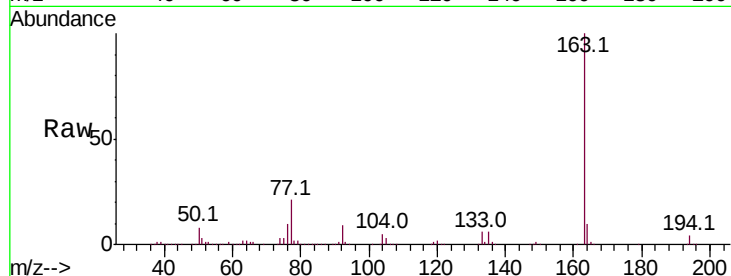
#49
 Dimethylphthalate
 Concen: 49.163 ng
 RT: 9.78 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion:	163	Resp:	1061378
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	10.2	8.2	12.2

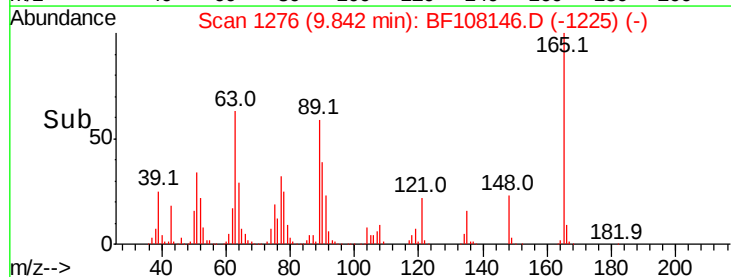
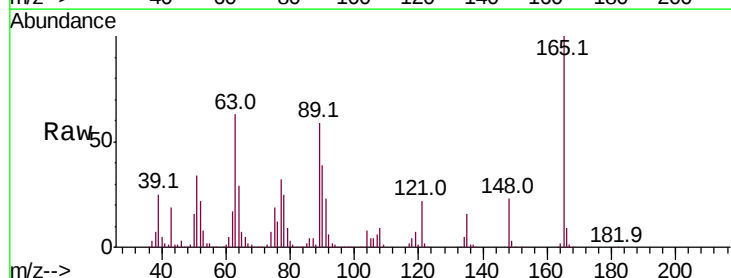
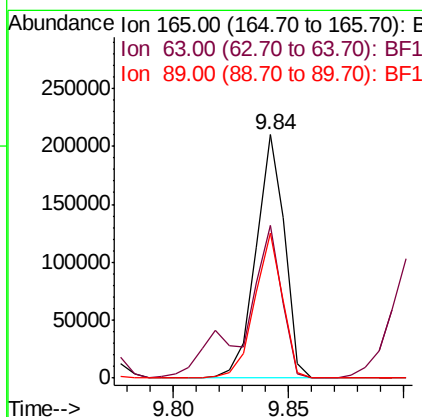
Manual Integrations
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#50
 2,6-Dinitrotoluene
 Concen: 40.086 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion:	165	Resp:	181065
Ion Ratio	Lower	Upper	
165	100		
63	62.9	44.7	67.1
89	59.4	44.0	66.0





#51

Acenaphthene

Concen: 38.552 ng

RT: 10.10 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MS

Tot Ion:154 Resp: 674216

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

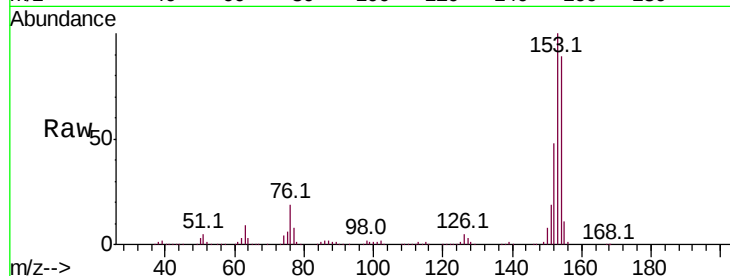
152 54.2 43.8 65.8

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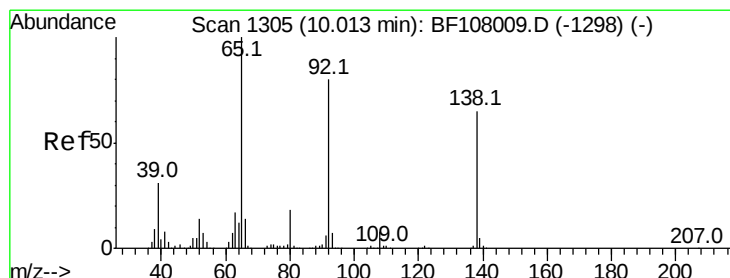
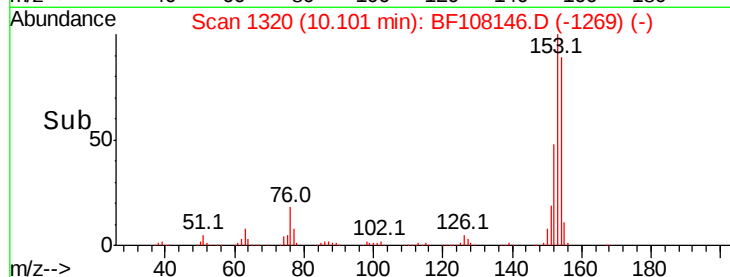
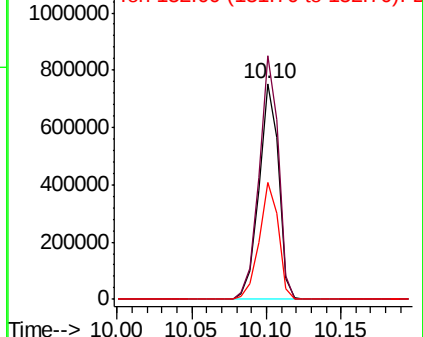
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.874 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

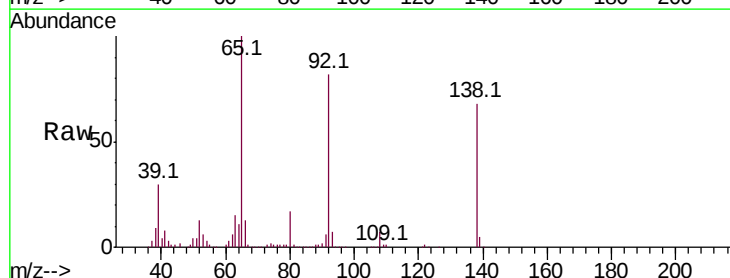
Tgt Ion:138 Resp: 177292

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

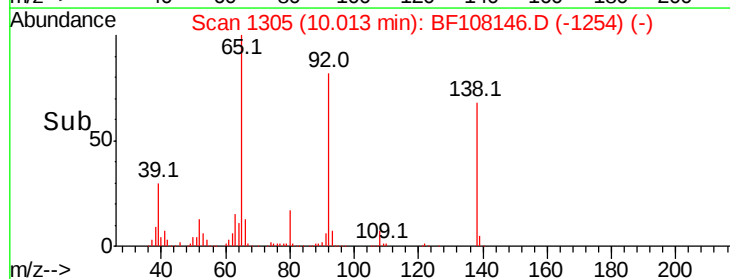
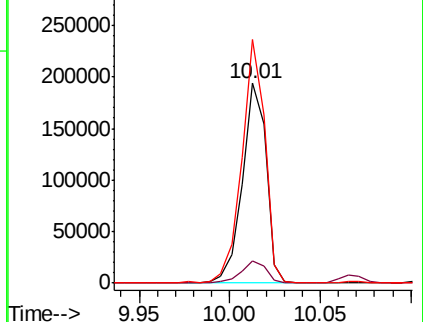
92 121.7 89.4 134.2

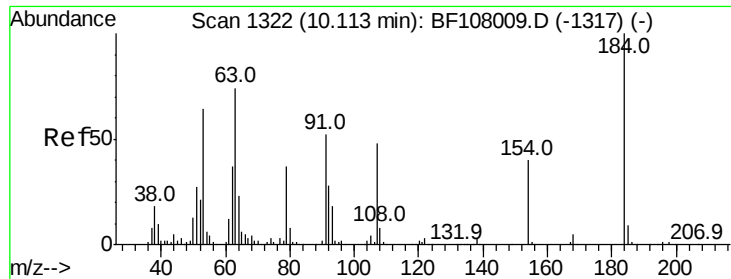


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





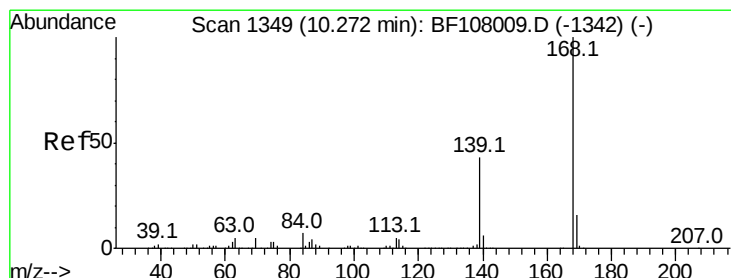
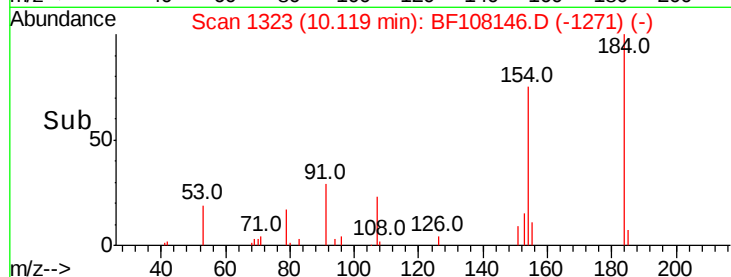
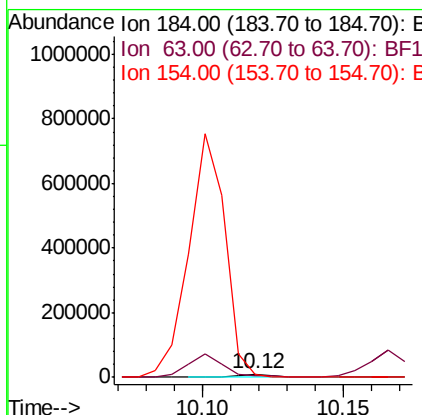
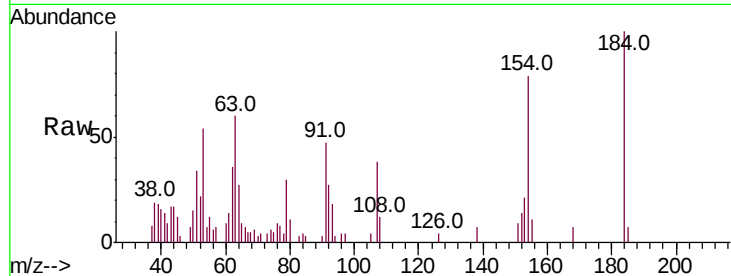
#53
2,4-Dinitrophenol
Concen: 11.122 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.9	54.2	81.2
154	79.1	184.0	276.0#

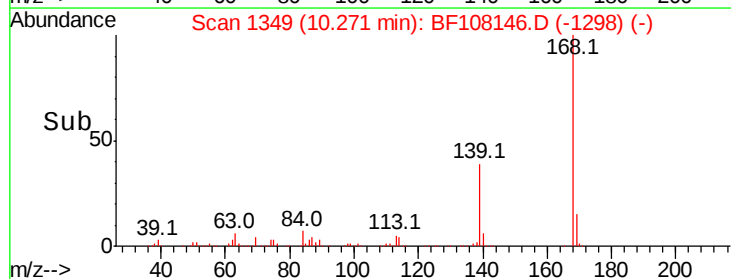
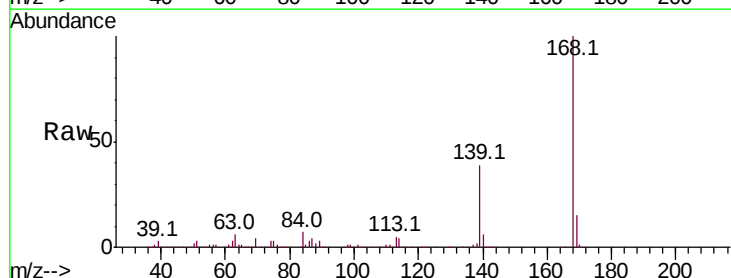
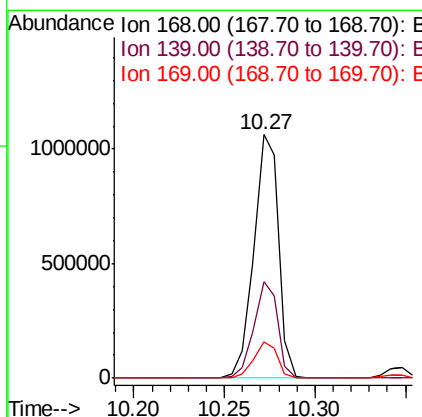
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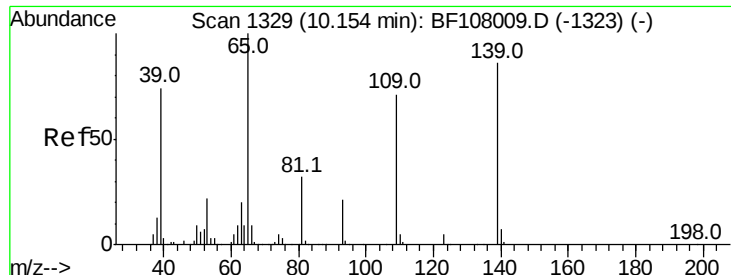
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#54
Dibenzofuran
Concen: 39.504 ng
RT: 10.27 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1
169	14.9	10.9	16.3





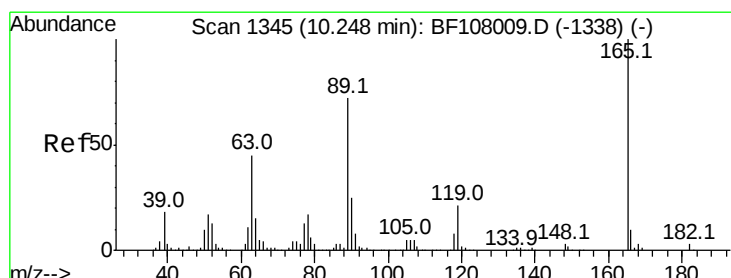
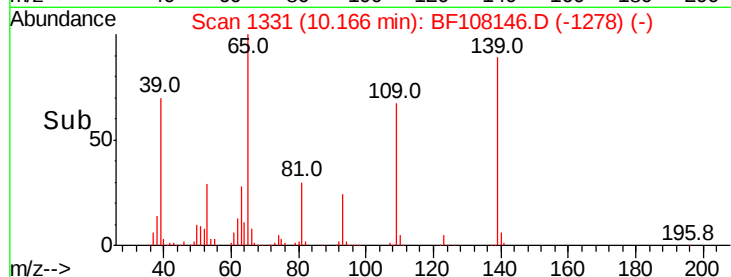
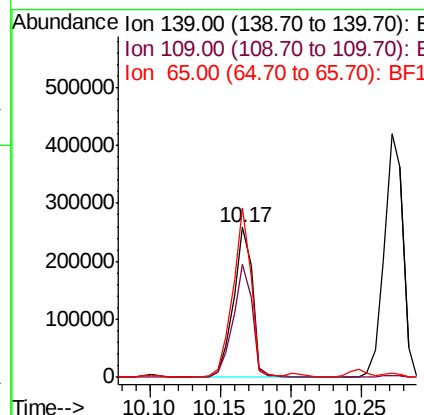
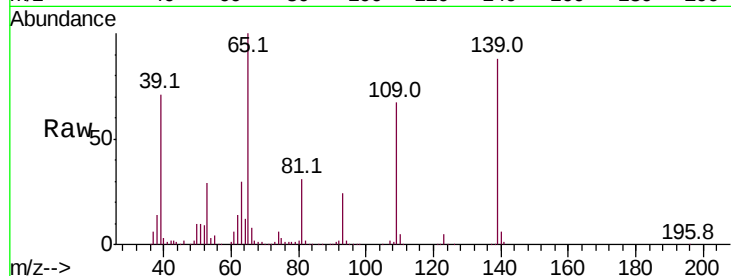
#55
4-Nitrophenol
Concen: 65.185 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	243945		
109	76.0	48.4	88.4	
65	113.2	72.6	112.6	

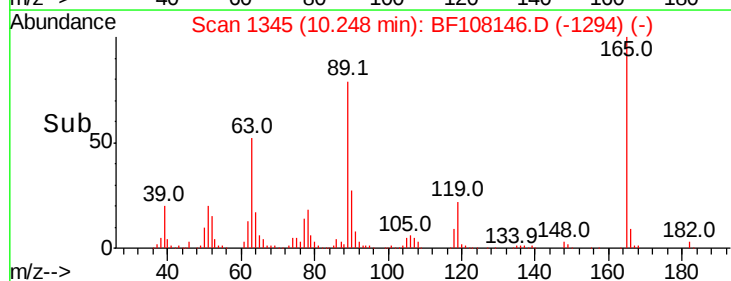
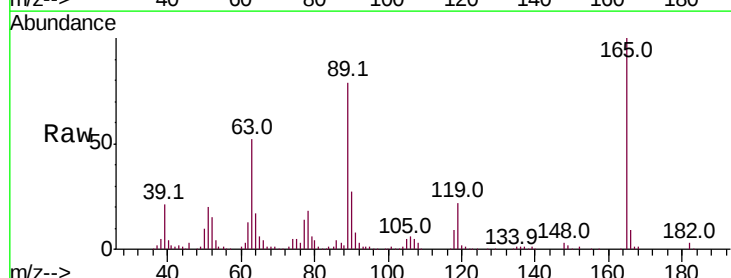
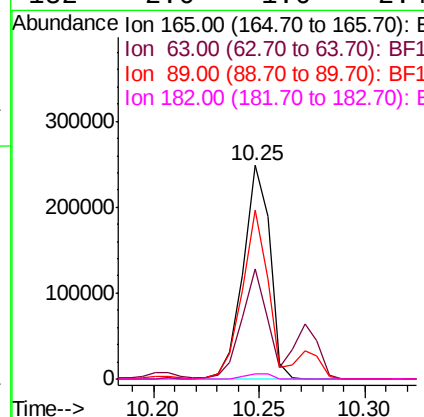
Manual Integrations
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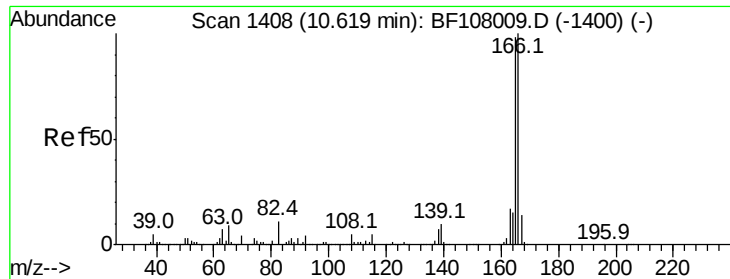
Sohil
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#56
2,4-Dinitrotoluene
Concen: 37.419 ng
RT: 10.25 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	217560		
63	51.6	36.4	54.6	
89	79.2	57.8	86.6	
182	2.6	1.6	2.4	





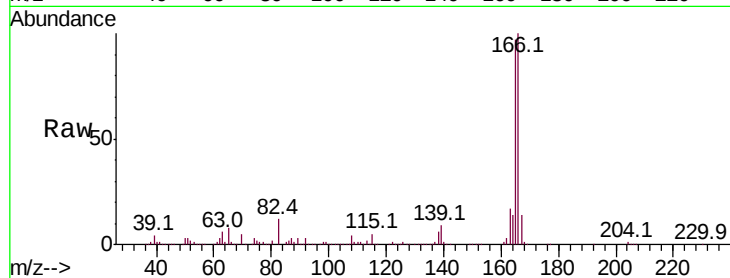
#57
Fluorene
 Concen: 38.043 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	79.8	119.8	
167	13.8	10.6	16.0	

Manual Integrations
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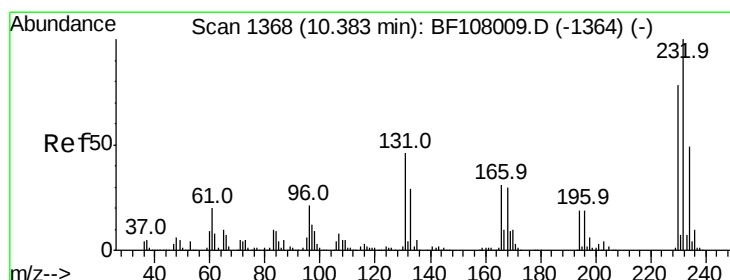
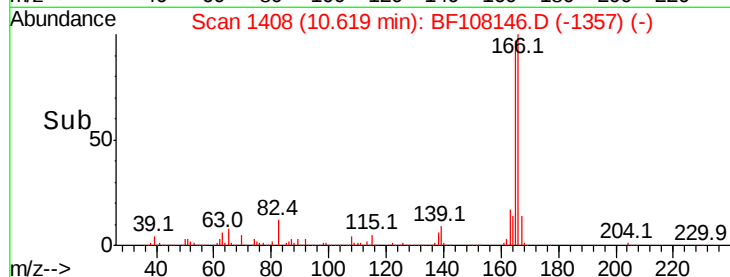
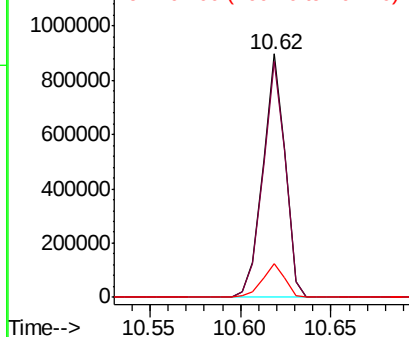


Abundance

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: 36.775 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.1	43.8	65.8#	
130	2.2	2.1	3.1	
166	29.6	27.8	41.6	

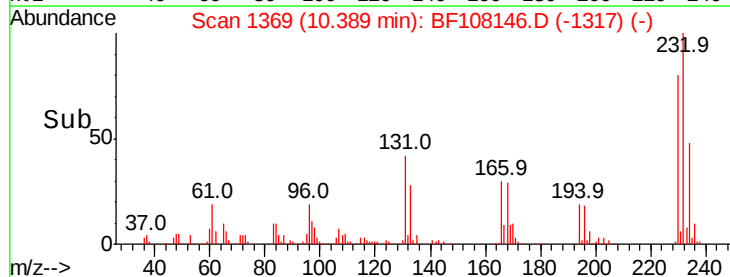
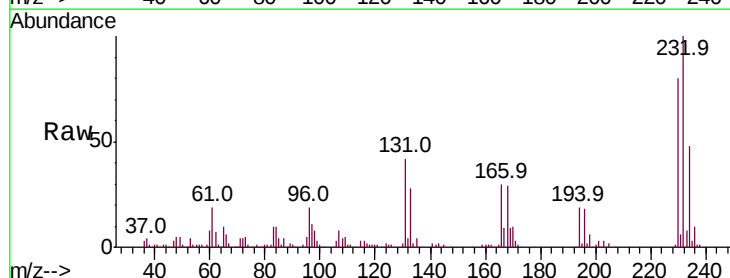
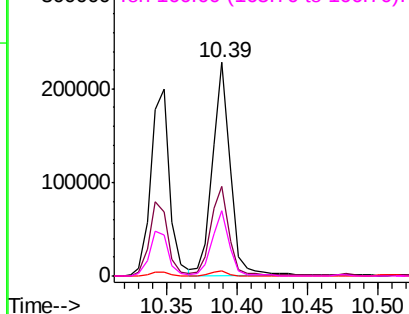
Abundance

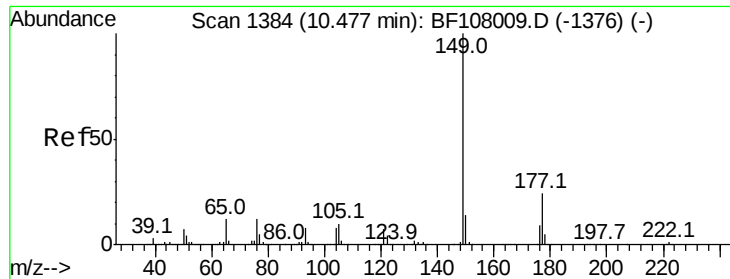
Ion 232.00 (231.70 to 232.70): E

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





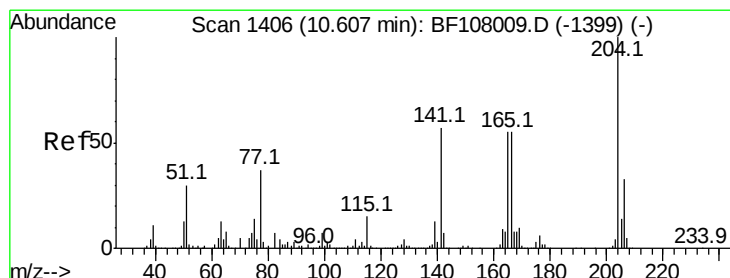
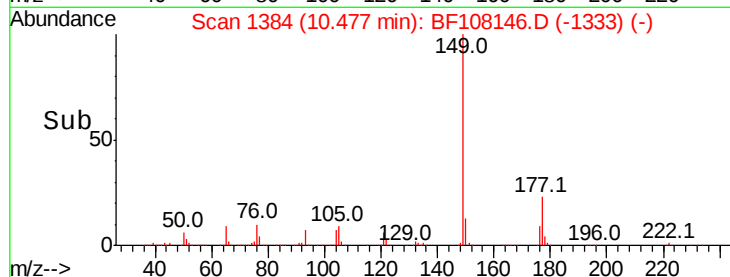
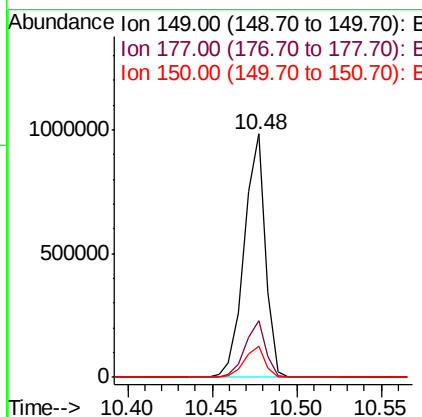
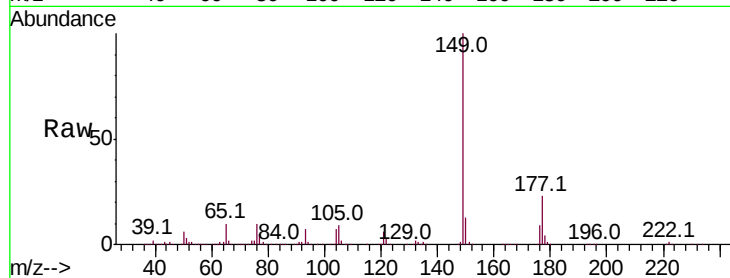
#59
 Diethylphthalate
 Concen: 41.075 ng
 RT: 10.48 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion:	149	Resp:	858700
Ion Ratio	Lower	Upper	
149	100		
177	23.1	16.1	24.1
150	12.8	10.1	15.1

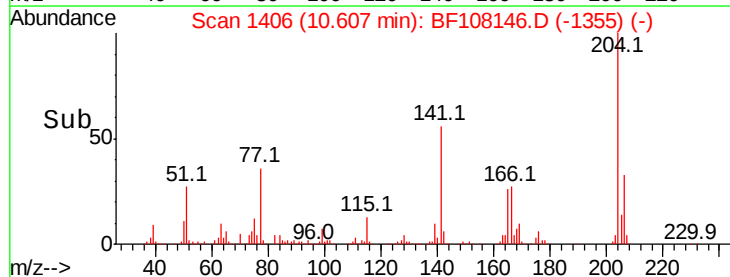
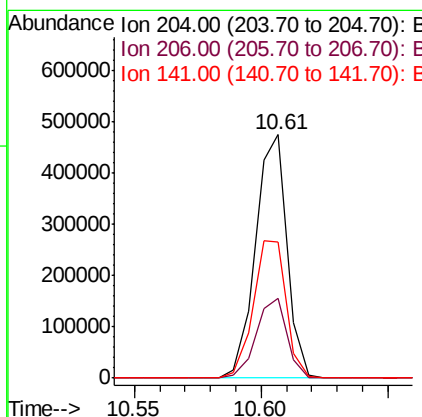
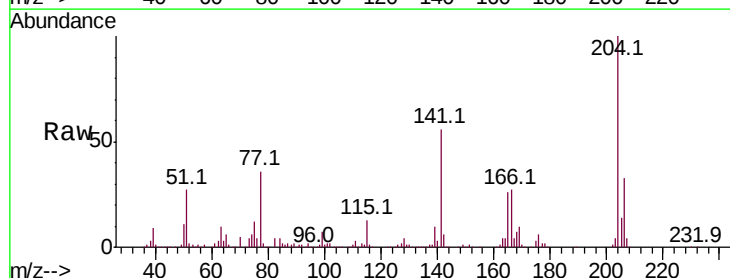
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#60
 4-Chlorophenyl-phenylether
 Concen: 39.121 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion:	204	Resp:	408861
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	55.7	54.6	81.8





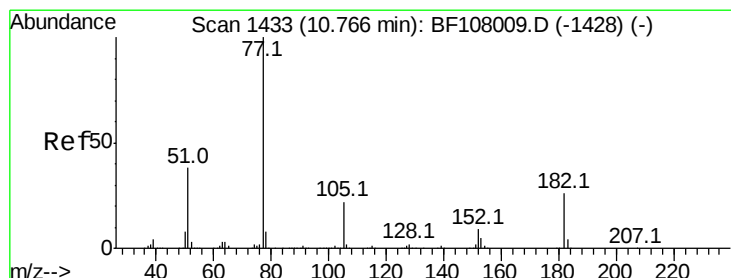
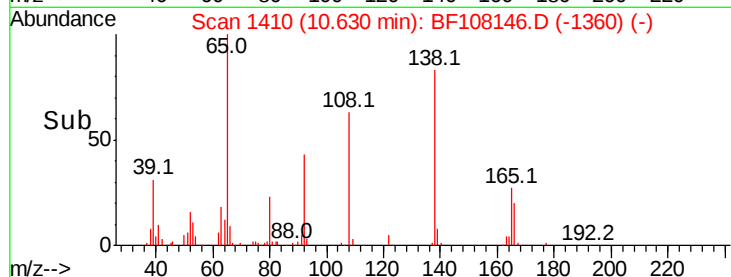
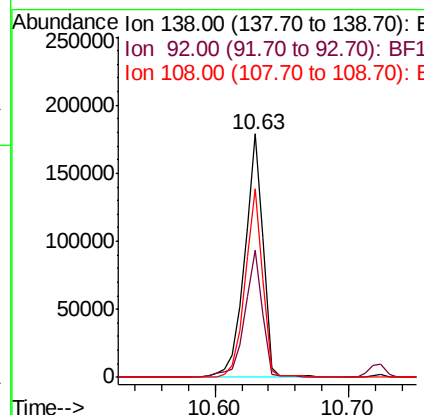
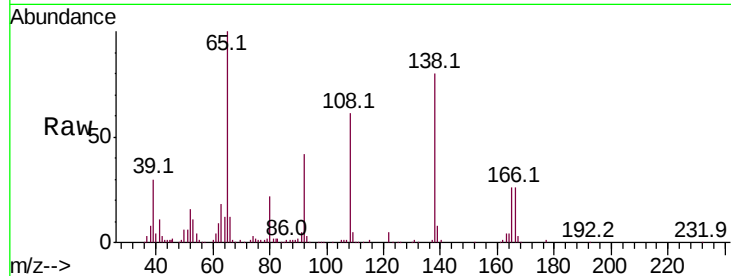
#61
4-Nitroaniline
Concen: 35.008 ng
RT: 10.63 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	171053		
92	52.3	30.2	70.2	
108	77.3	52.5	92.5	

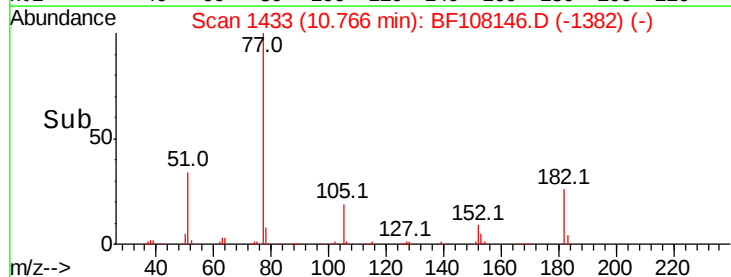
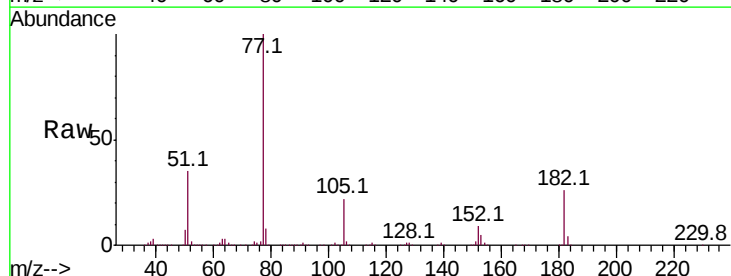
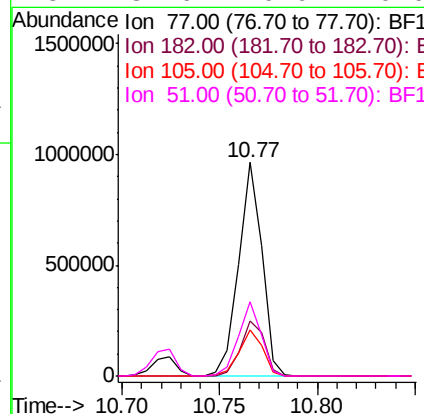
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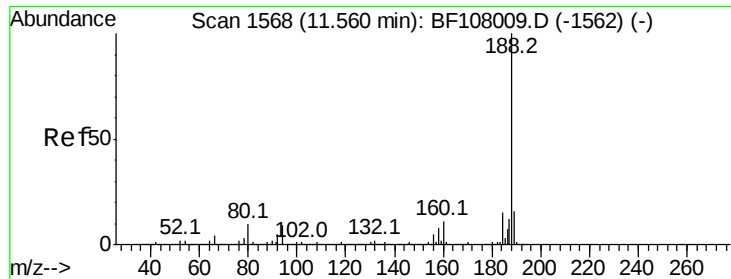
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#62
Azobenzene
Concen: 37.087 ng
RT: 10.77 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	800693		
182	25.7	1.7	41.7	
105	21.6	3.0	43.0	
51	34.6	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: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

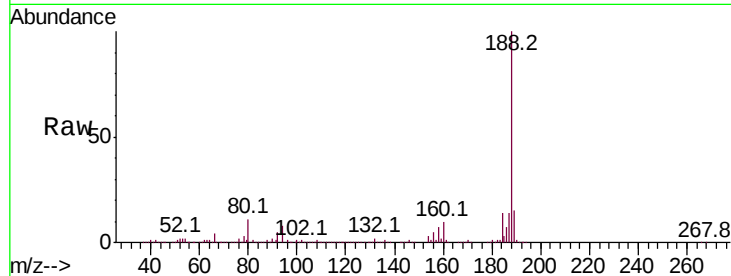
ClientSampleId :

TILCON-MH-001MS

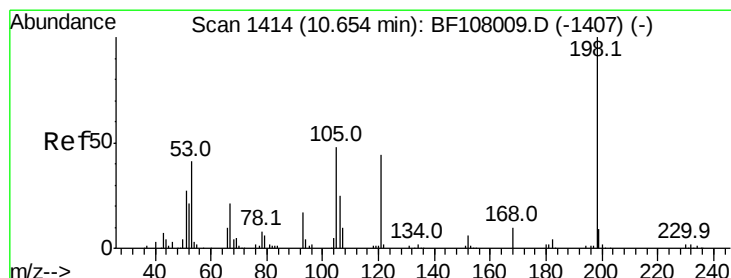
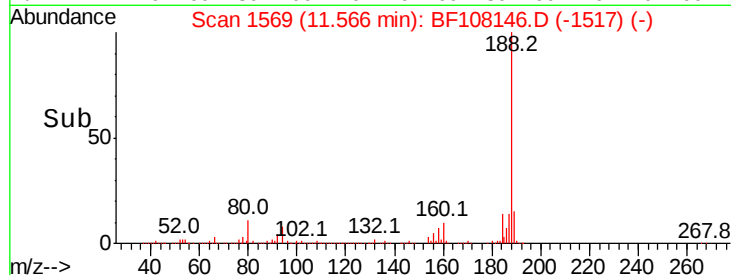
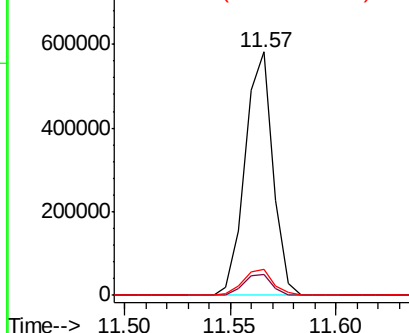
Tot Ion:	188	Resp:	530990
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.5	12.7#
80	10.9	9.2	13.8

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 11.094 ng

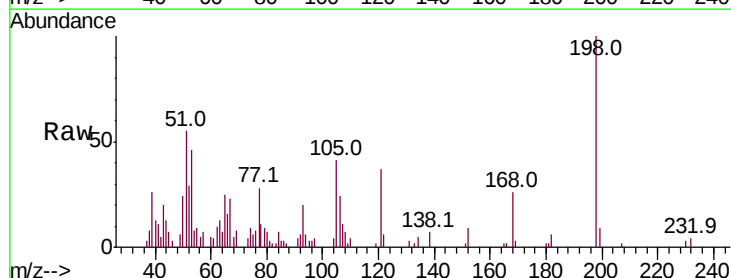
RT: 10.66 min Scan# 1415

Delta R.T. 0.01 min

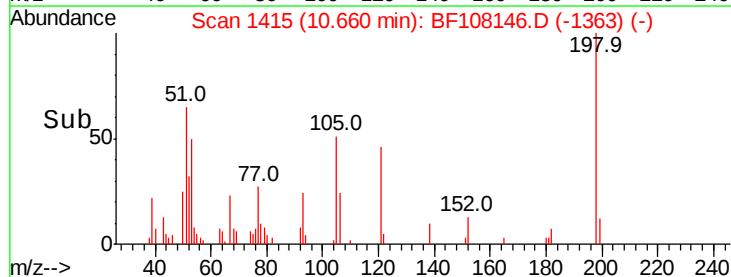
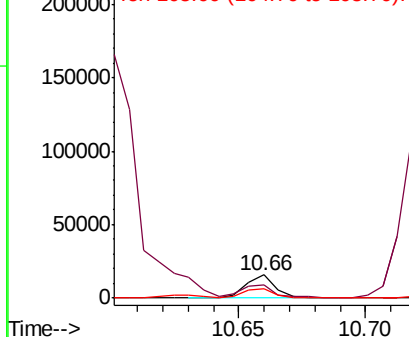
Lab File: BF108146.D

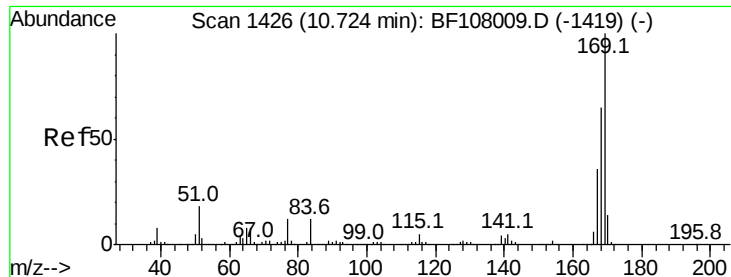
Acq: 14 Aug 2018 15:53

Tgt Ion:	198	Resp:	12871
Ion Ratio	Lower	Upper	
198	100		
51	55.3	37.7	77.7
105	41.1	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





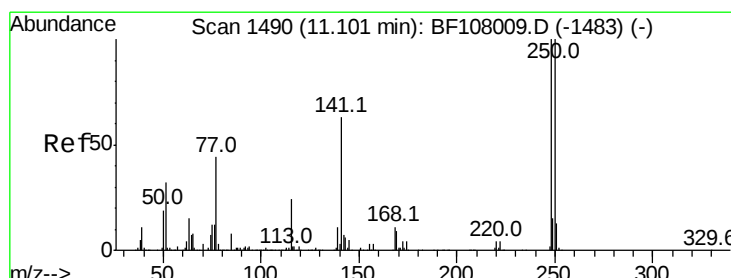
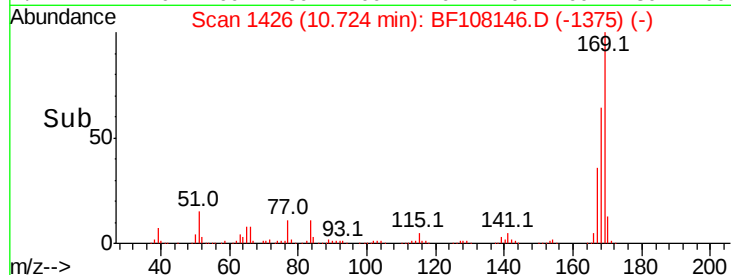
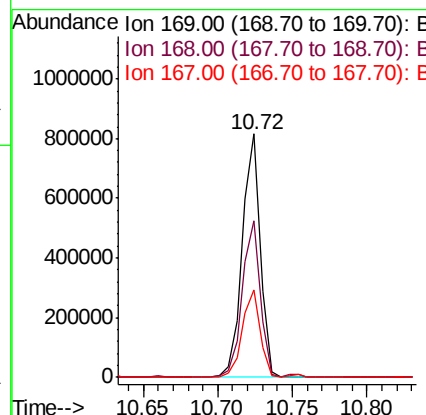
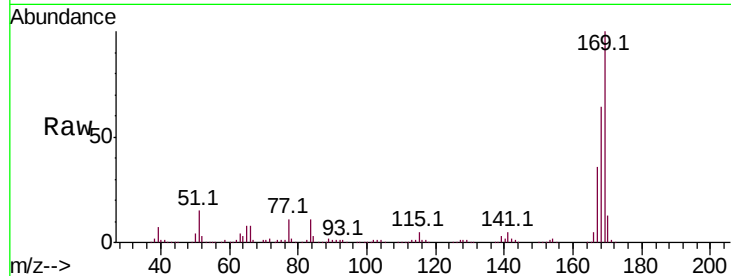
#65
n-Nitrosodiphenylamine
Concen: 44.071 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	691522		
168	64.4		54.4	81.6
167	36.0		29.8	44.6

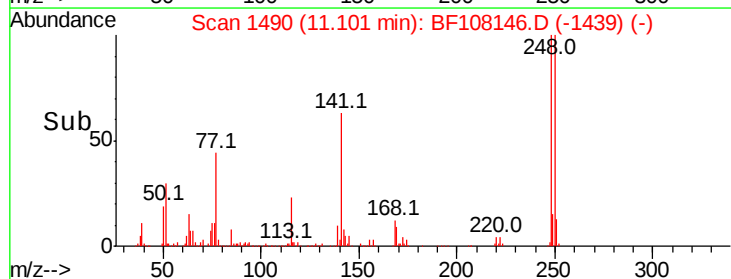
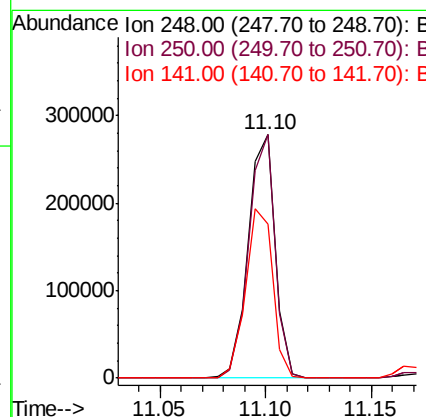
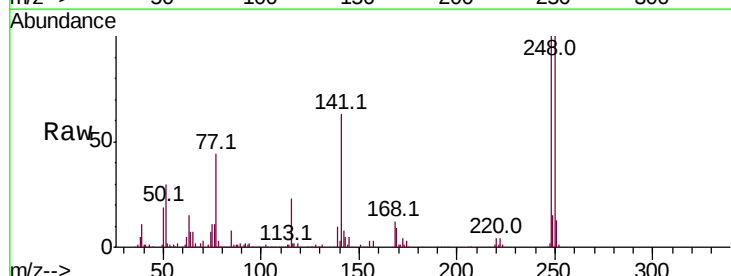
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#66
4-Bromophenyl-phenylether
Concen: 42.701 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	246402		
250	99.9		76.9	115.3
141	63.1		74.4	111.6#





#67

Hexachlorobenzene

Concen: 40.798 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

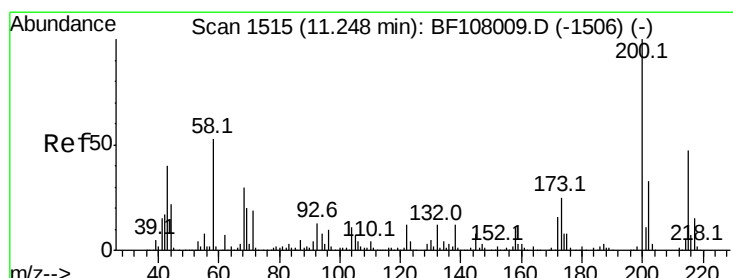
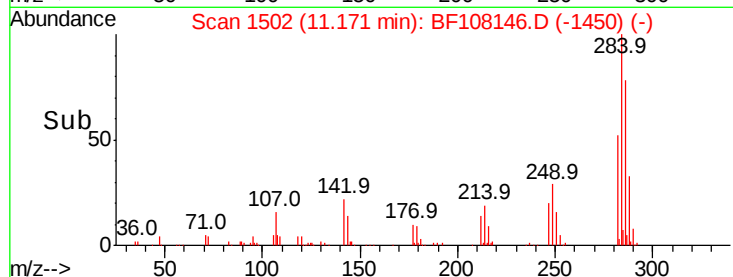
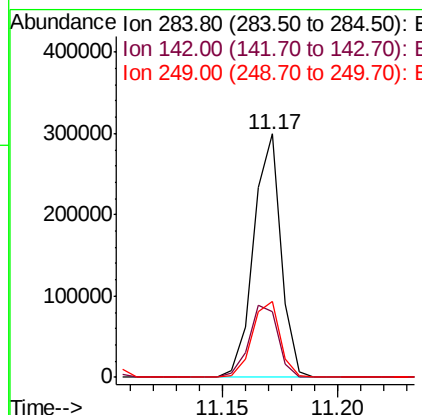
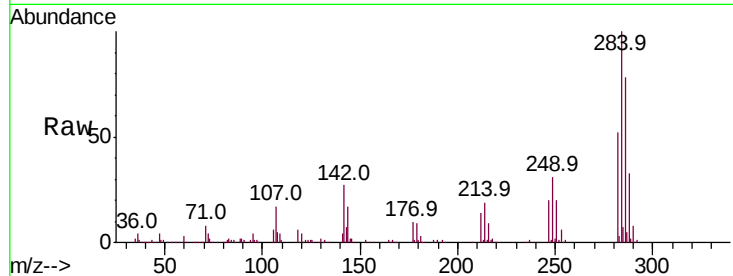
ClientSampleId :

TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	247703		
142	27.1	34.6	52.0#	
249	31.2	24.8	37.2	

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#68

Atrazine

Concen: 41.488 ng

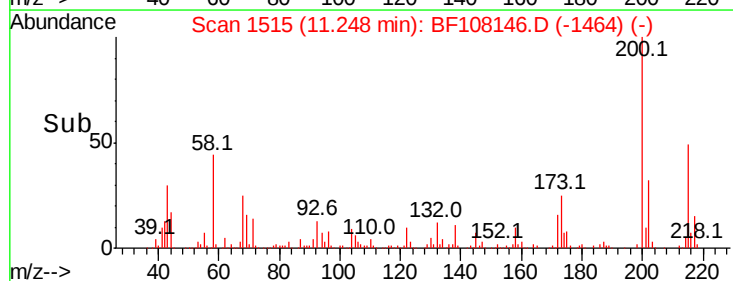
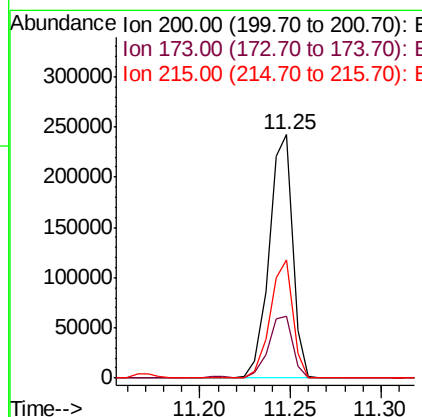
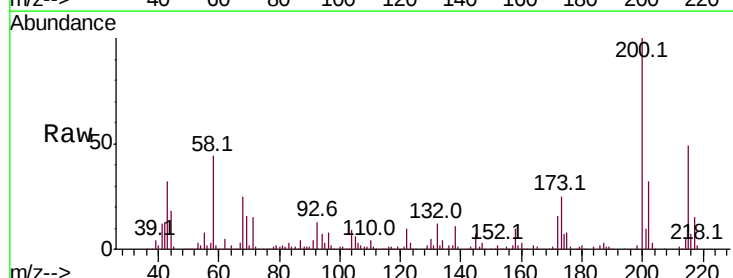
RT: 11.25 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	218347		
173	25.5	8.6	48.6	
215	48.6	25.1	65.1	





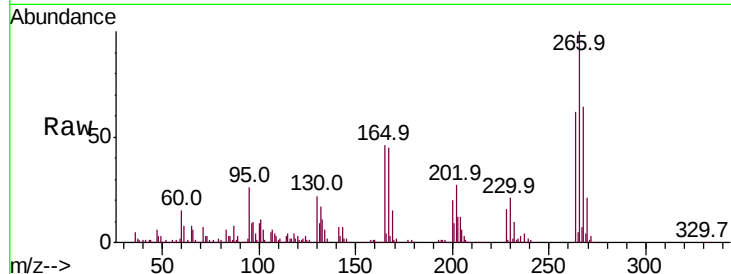
#69
 Pentachlorophenol
 Concen: 74.556 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	216664		
268	64.3	51.1	76.7	
264	62.3	49.5	74.3	

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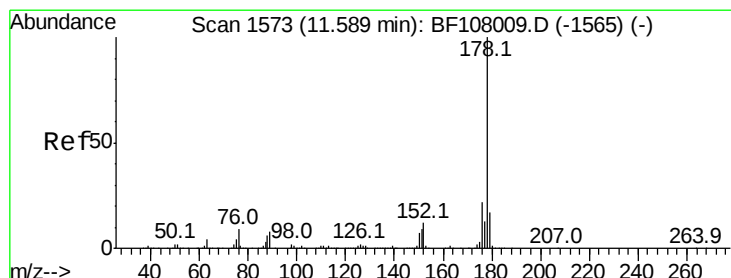
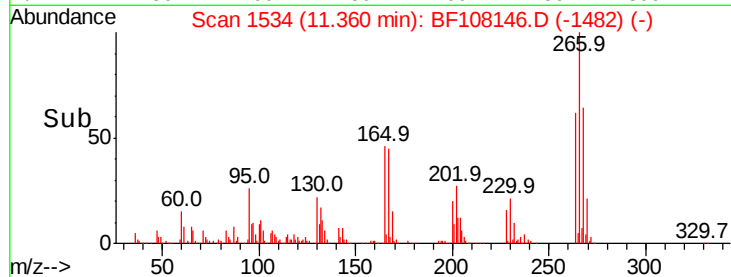
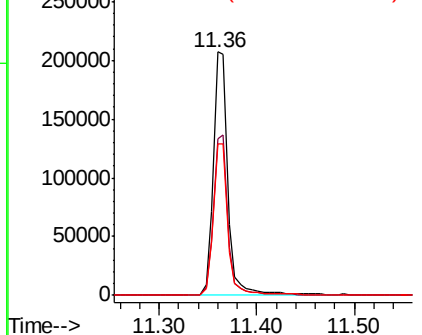


Abundance

Ion 265.70 (265.40 to 266.40): E

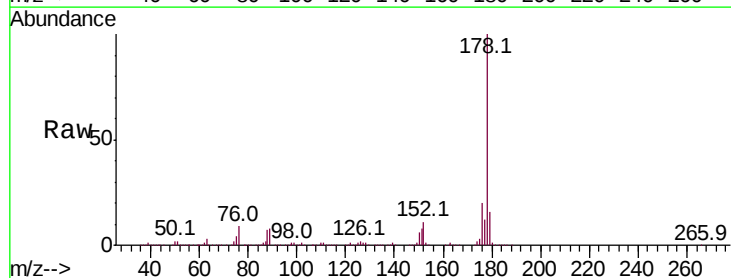
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.431 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1012598		
176	20.0	15.8	23.8	
179	16.1	13.0	19.6	

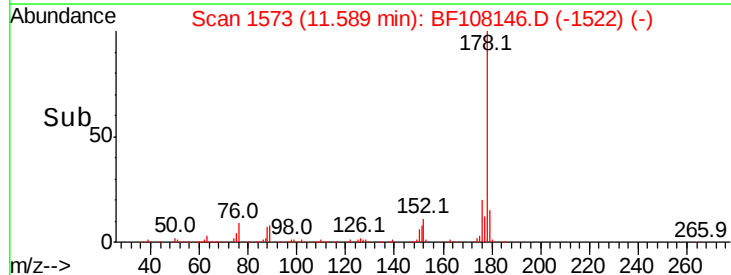
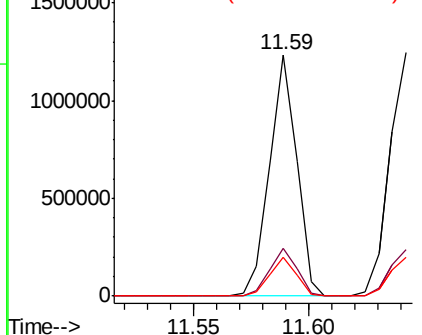


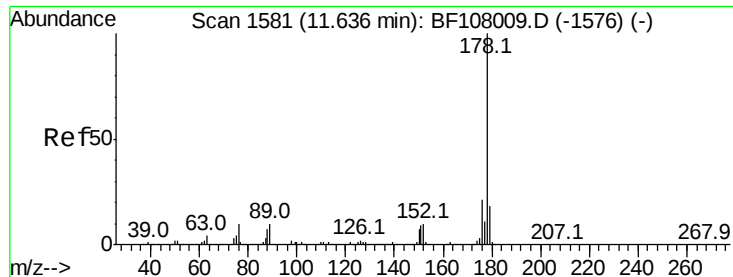
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





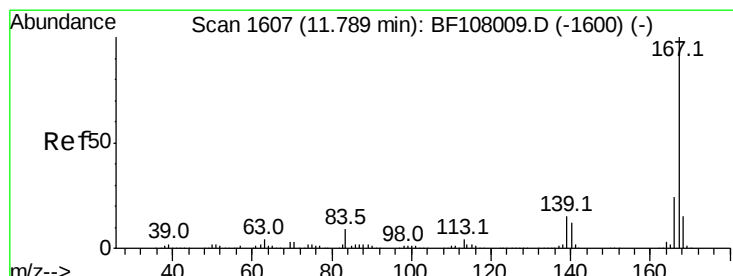
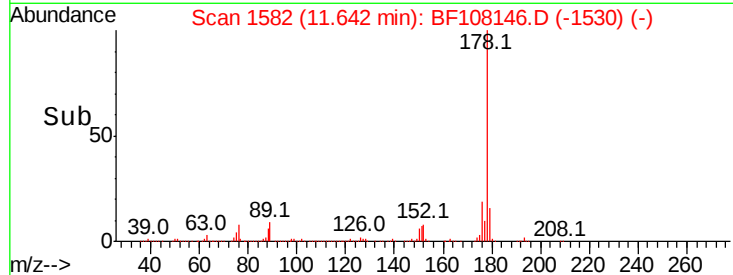
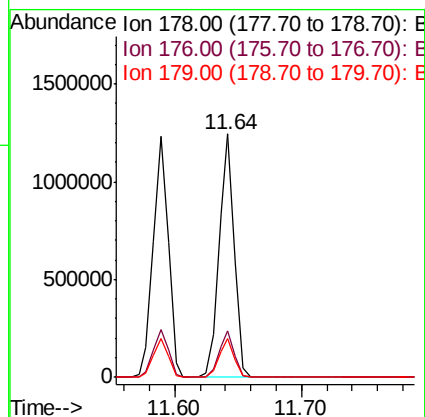
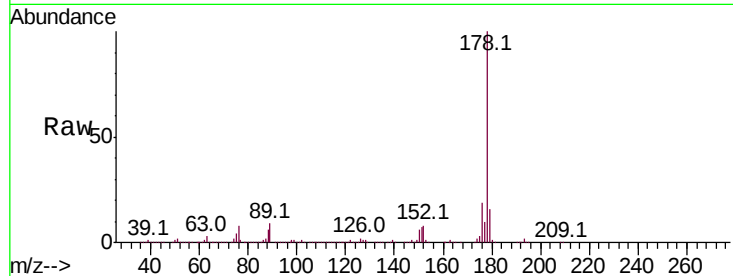
#71
 Anthracene
 Concen: 40.824 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0

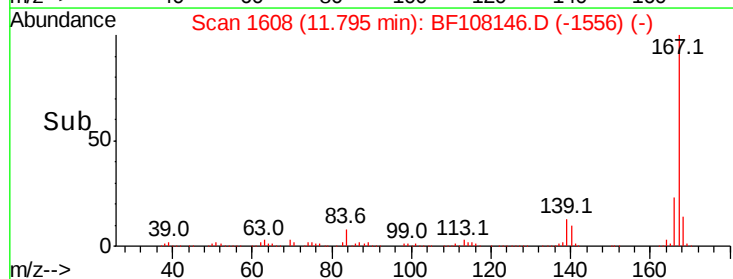
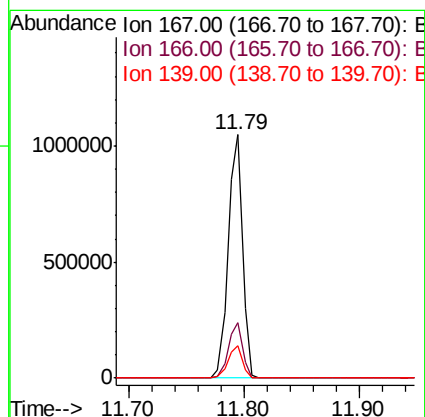
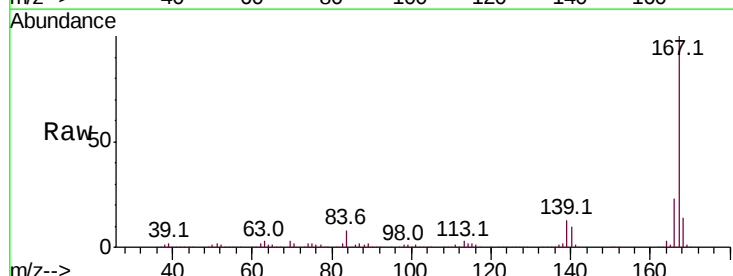
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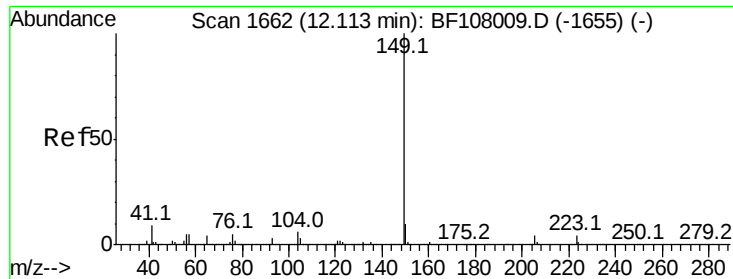
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#72
 Carbazole
 Concen: 39.506 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.638 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

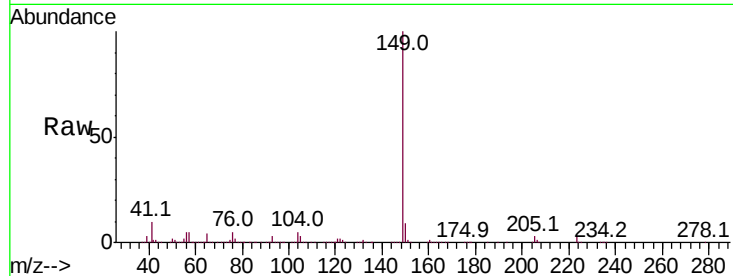
ClientSampleId :

TILCON-MH-001MS

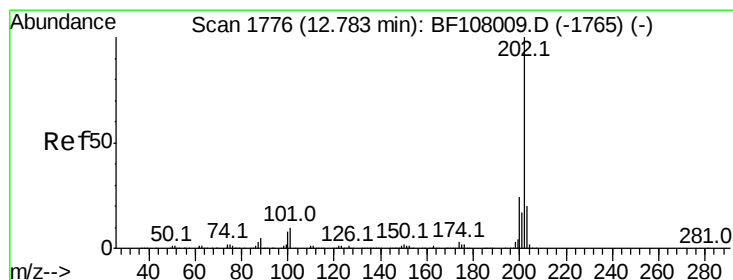
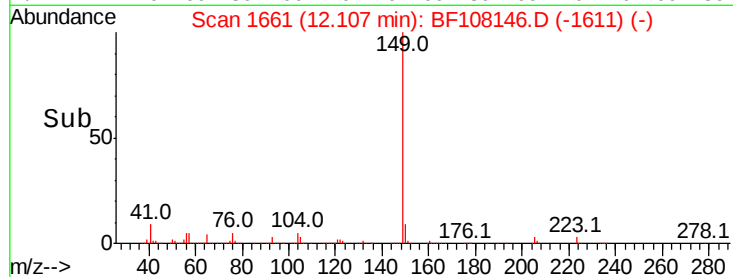
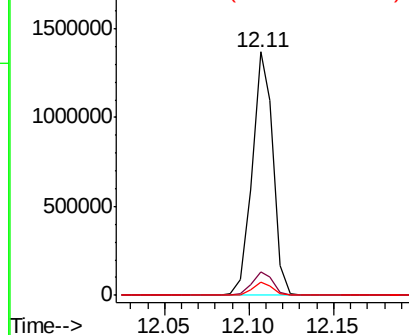
Tot Ion:	149	Resp:	1178945
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.3	3.8	5.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.232 ng

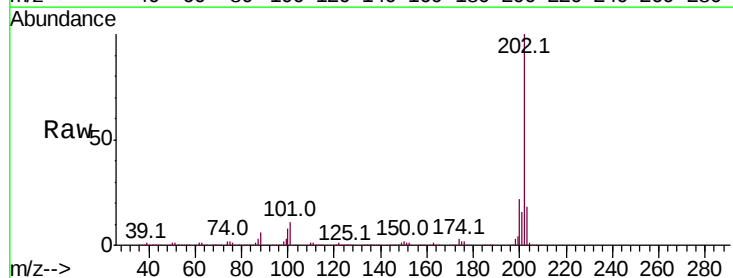
RT: 12.78 min Scan# 1776

Delta R.T. -0.00 min

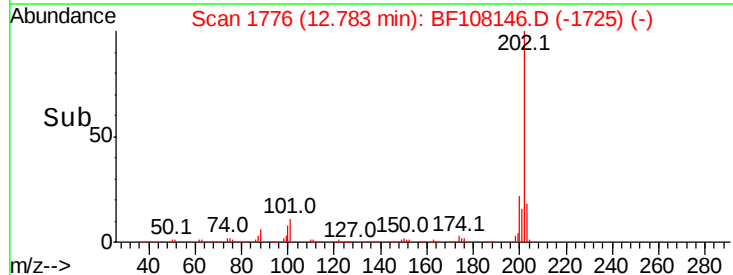
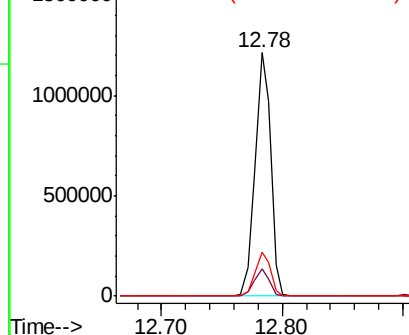
Lab File: BF108146.D

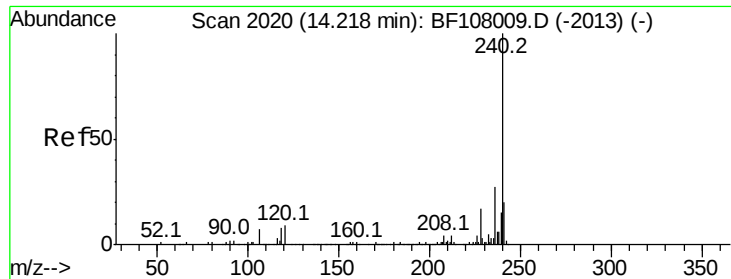
Acq: 14 Aug 2018 15:53

Tgt Ion:	202	Resp:	1099686
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	18.0	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

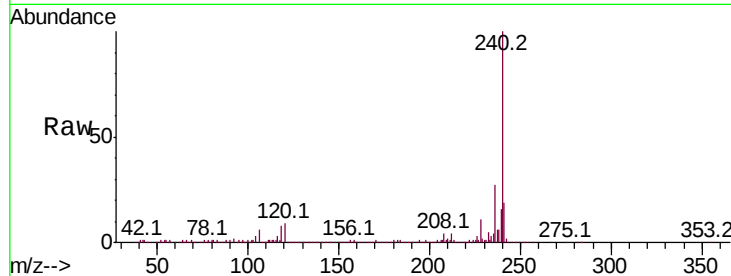
ClientSampleId :

TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.8	20.7	31.1

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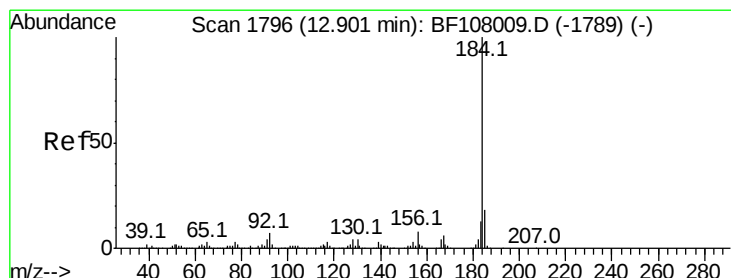
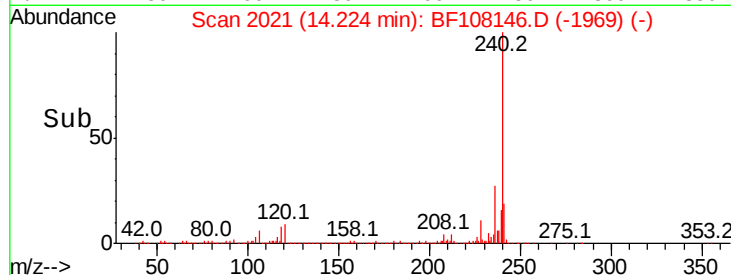
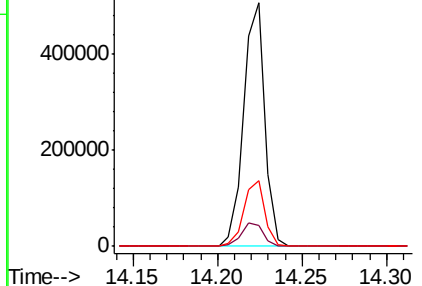
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.405 ng

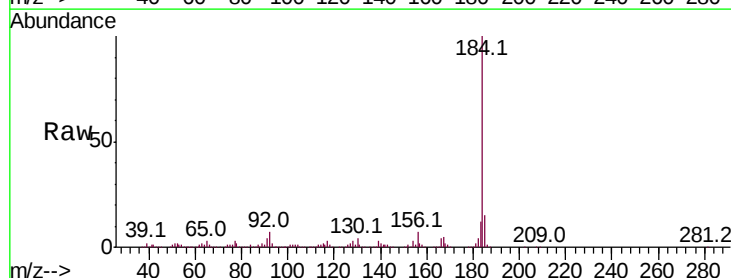
RT: 12.90 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

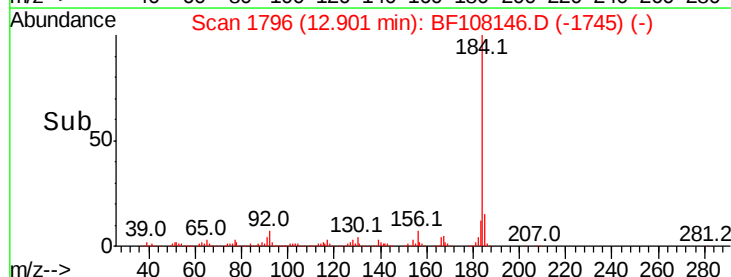
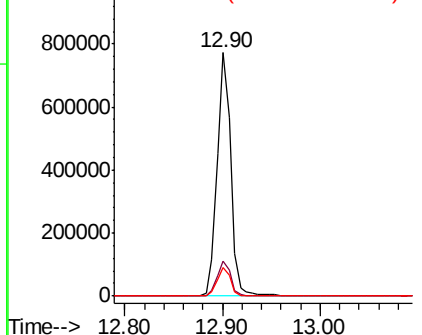
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.8	9.3	13.9

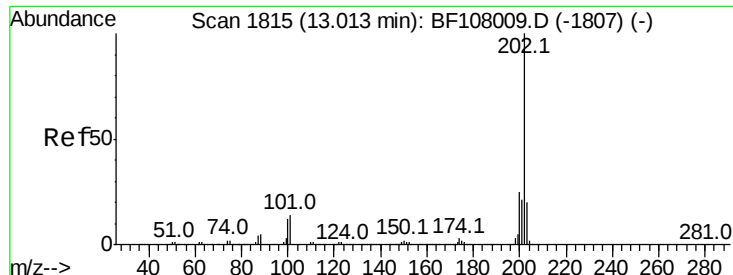


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





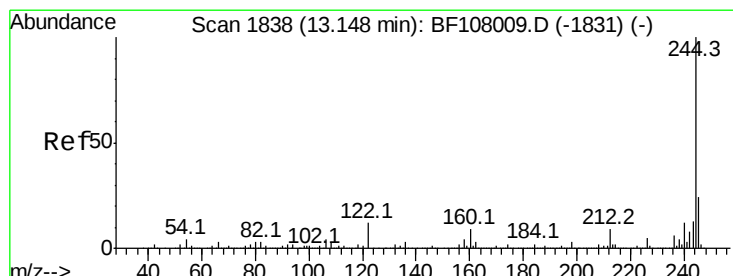
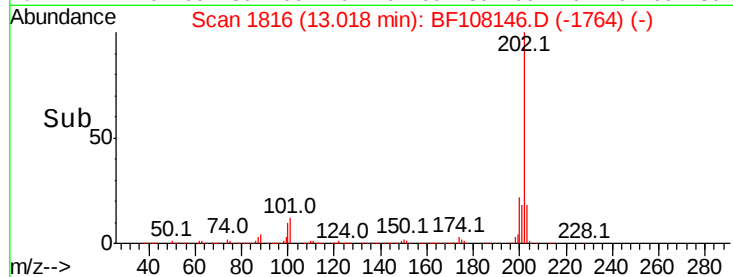
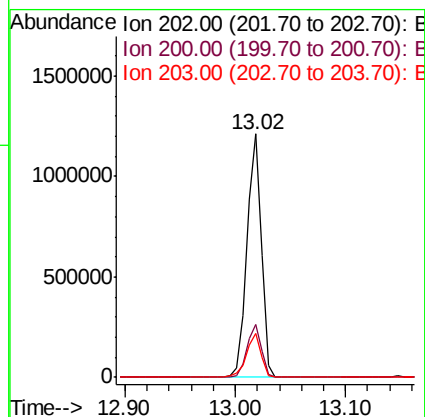
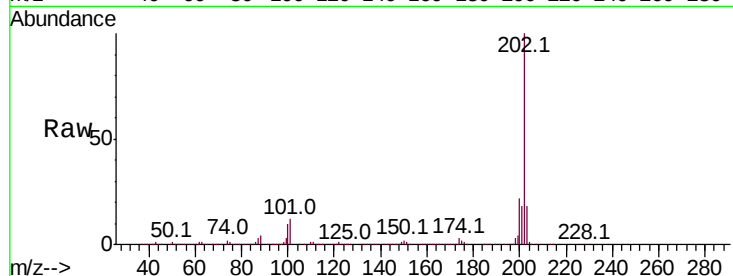
#77
Pvrene
Concen: 39.409 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

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

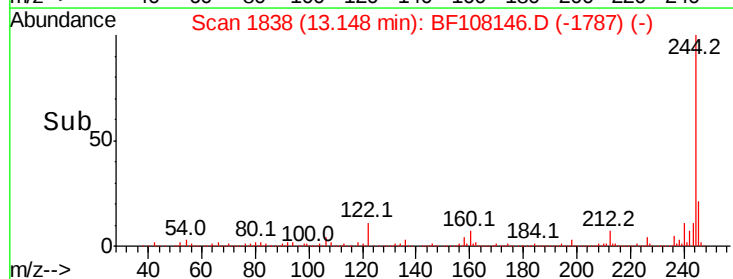
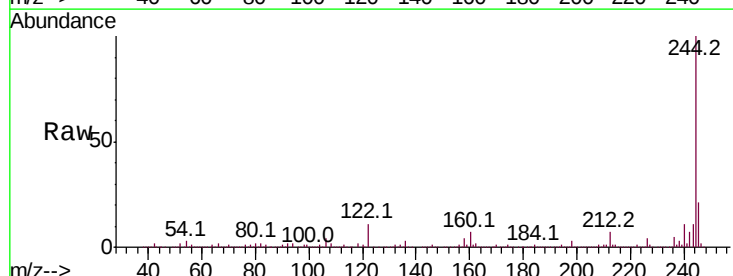
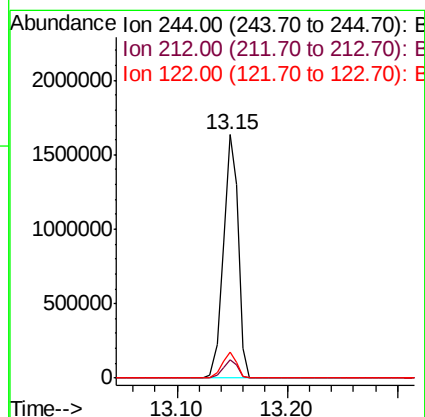
Manual Integrations
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#78
Terphenyl-d14
Concen: 87.230 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.8	11.0	16.4#





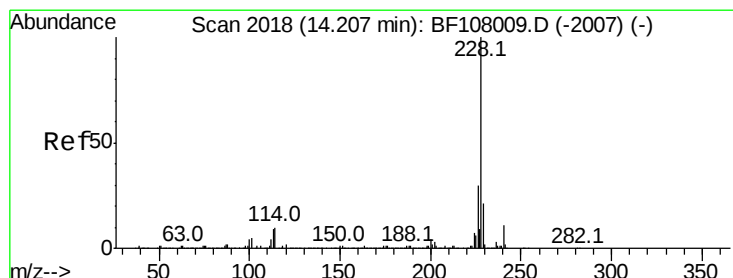
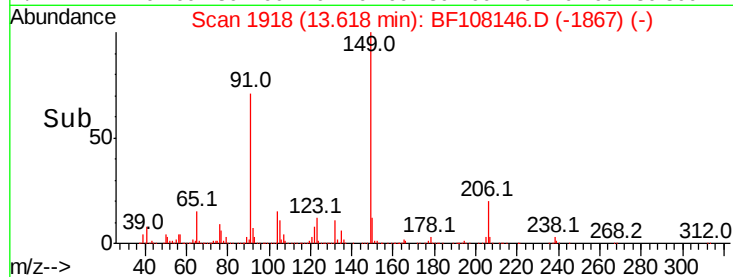
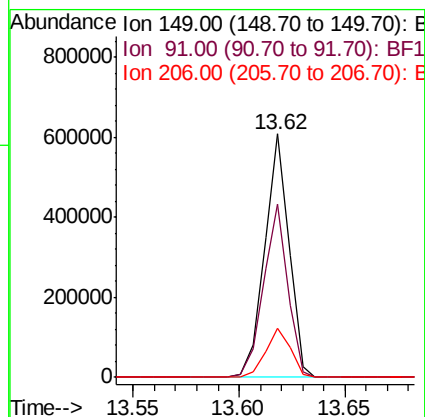
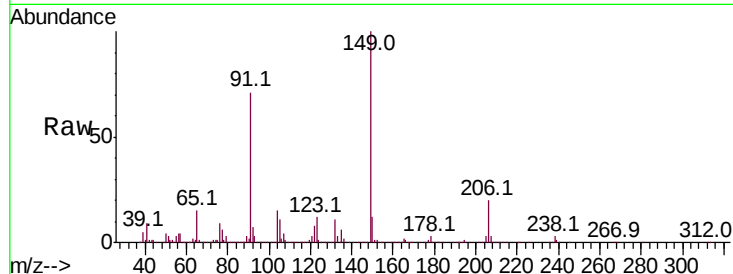
#79
Butylbenzylphthalate
Concen: 43.607 ng
RT: 13.62 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	486965		
91	71.1	56.8	85.2	
206	20.4	14.1	21.1	

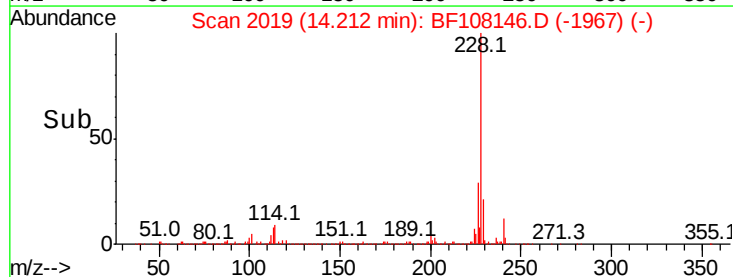
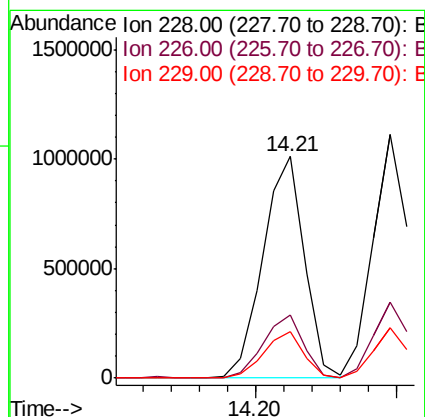
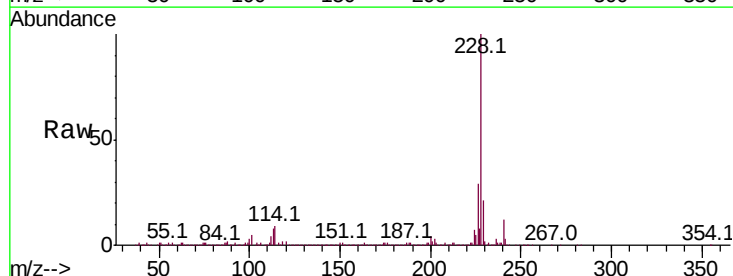
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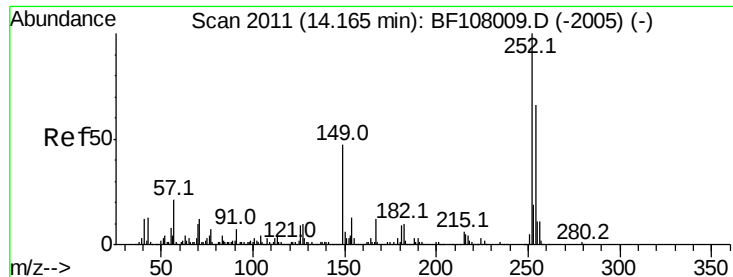
Sohil
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#80
Benzo(a)anthracene
Concen: 40.315 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1027748		
226	28.7	22.6	33.8	
229	20.7	15.8	23.6	





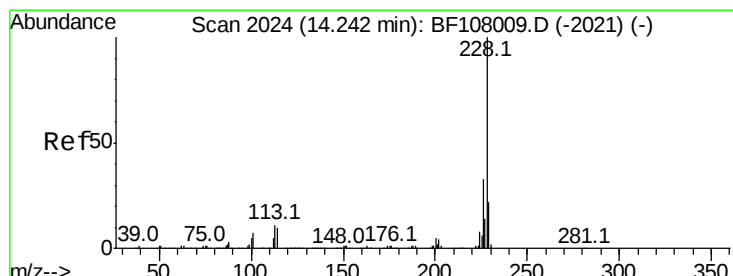
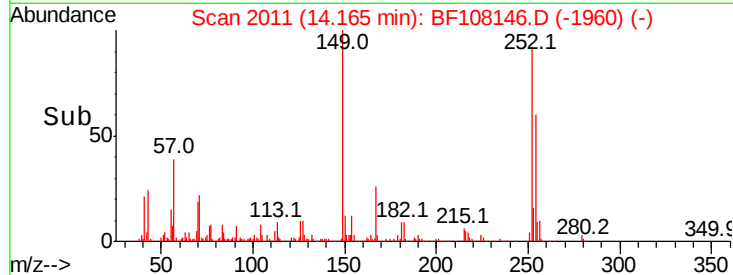
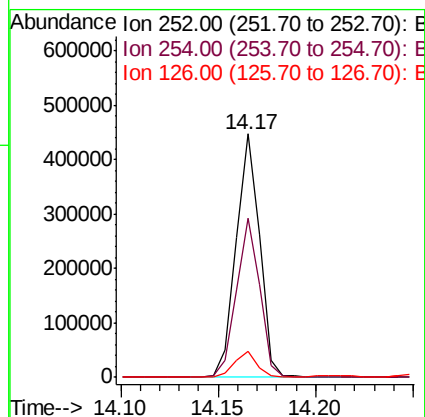
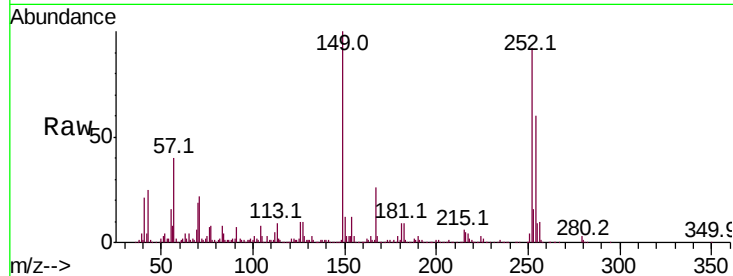
#81
 3,3'-Dichlorobenzidine
 Concen: 41.054 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	10.8	11.3	16.9

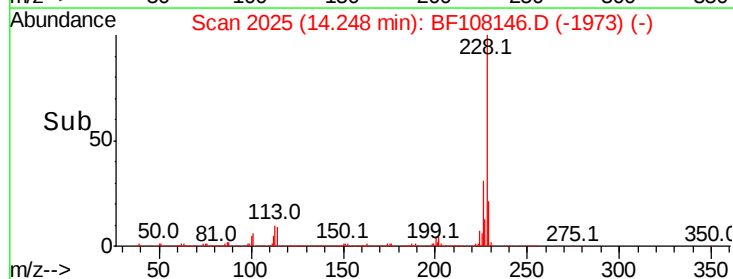
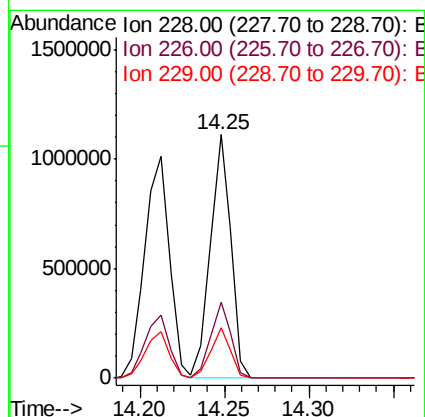
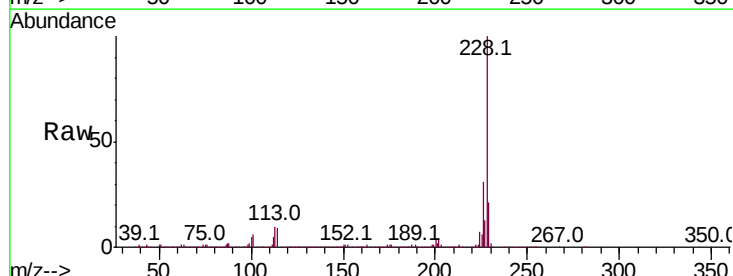
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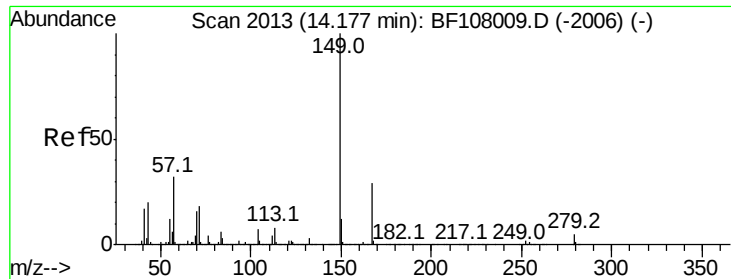
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#82
 Chrysene
 Concen: 40.348 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.6	16.2	24.4





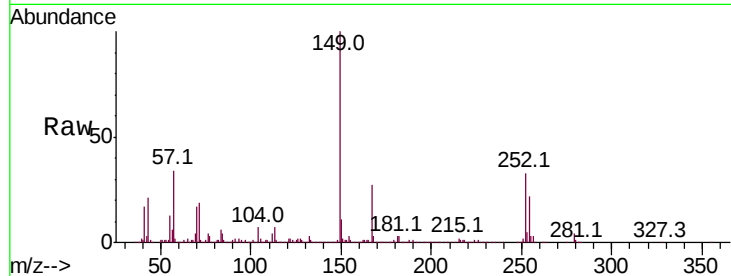
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.966 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	4.3	3.0	4.4

Manual Integrations
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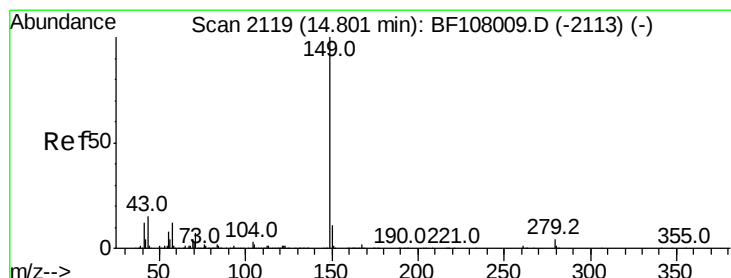
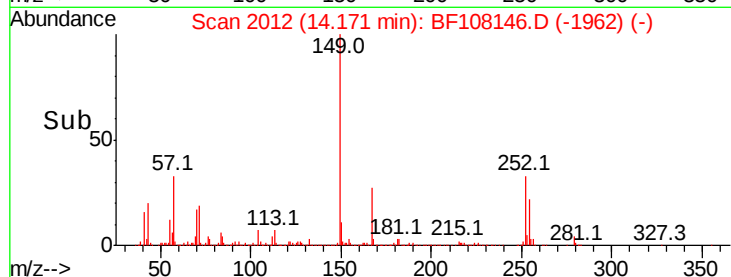
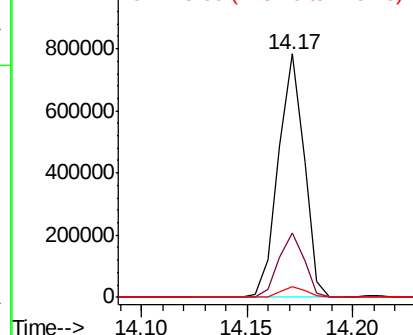


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 49.860 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

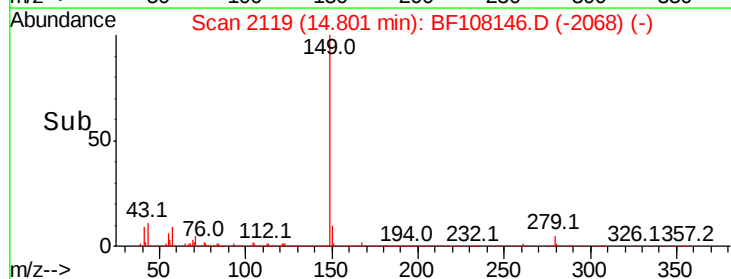
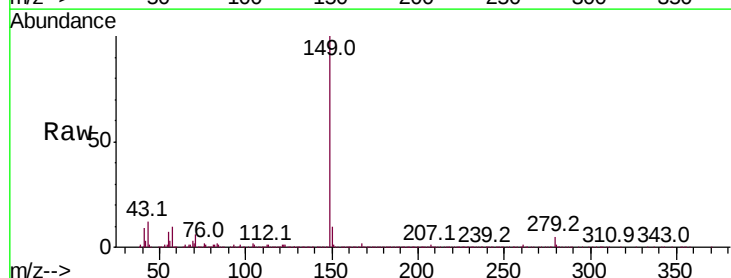
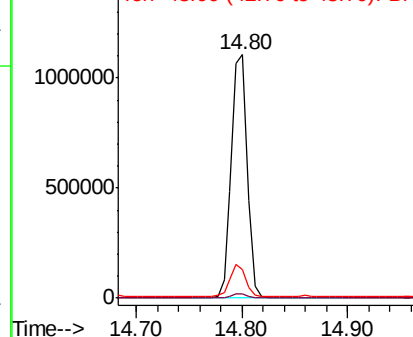
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.2	8.4	12.6

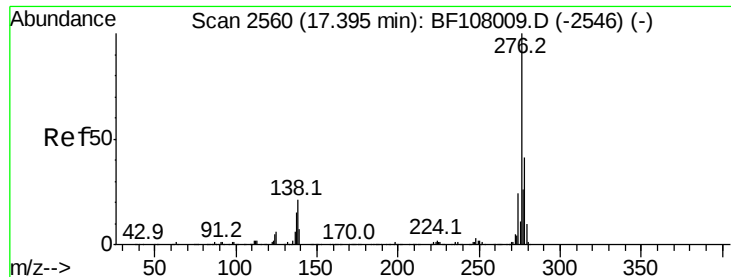
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





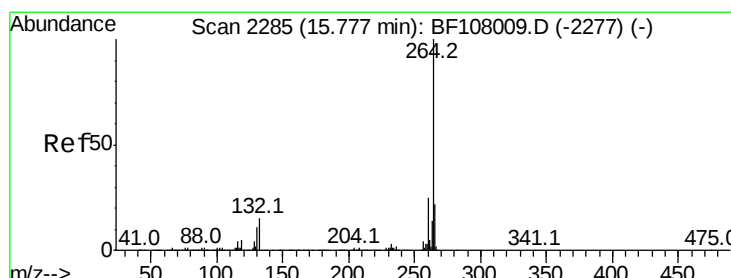
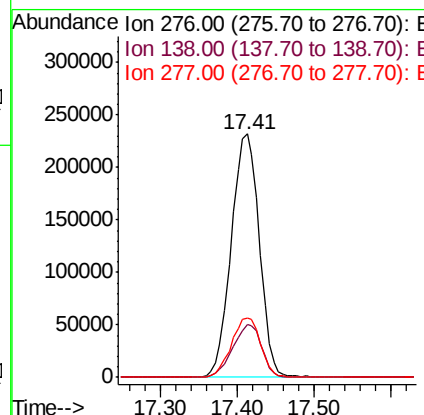
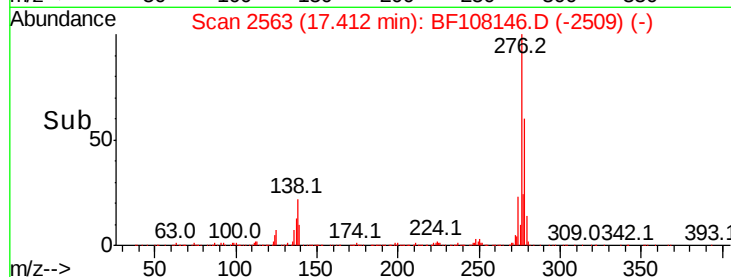
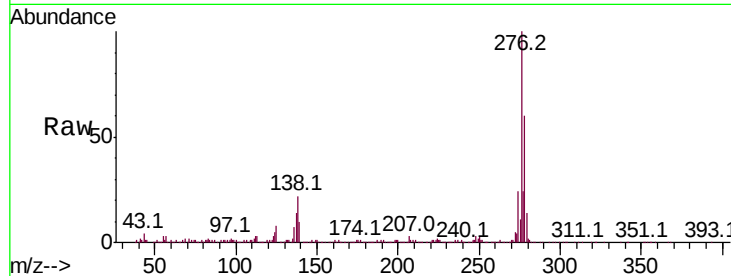
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.150 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	25.5	20.1	30.1

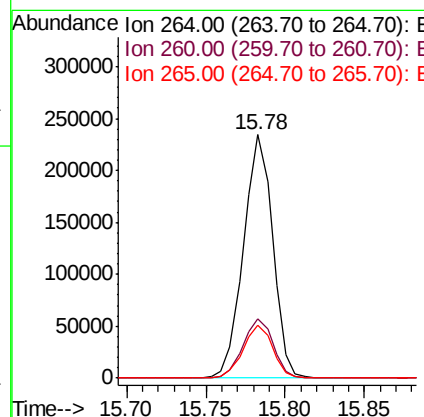
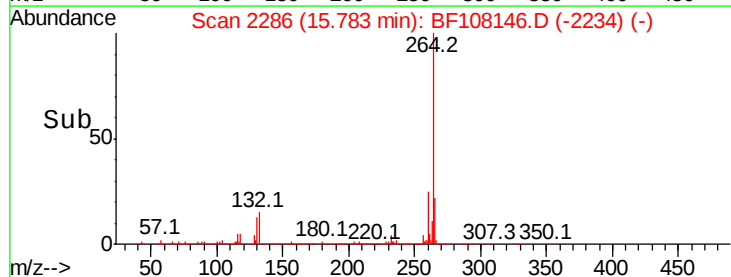
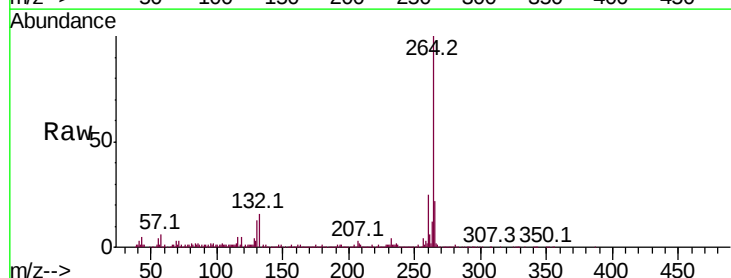
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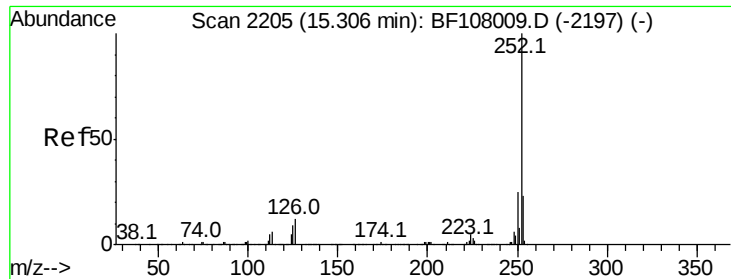
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108146.D
 Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3





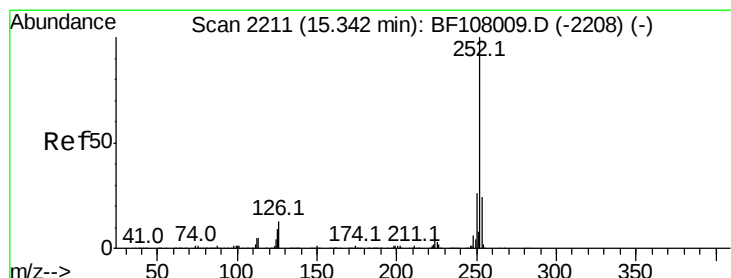
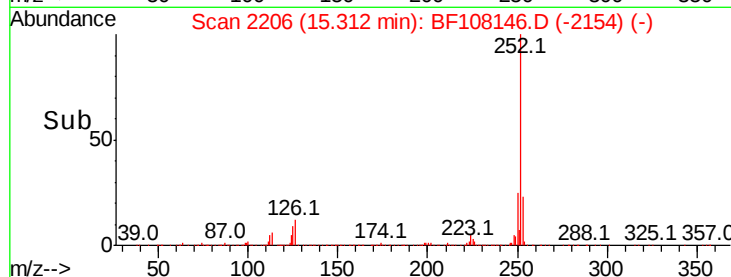
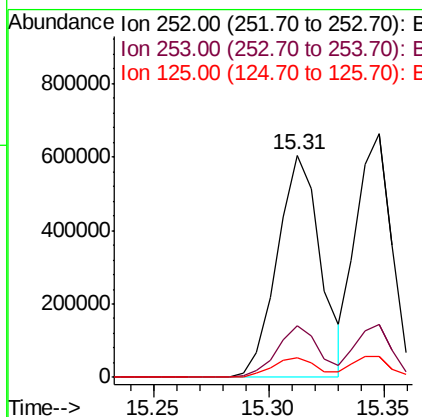
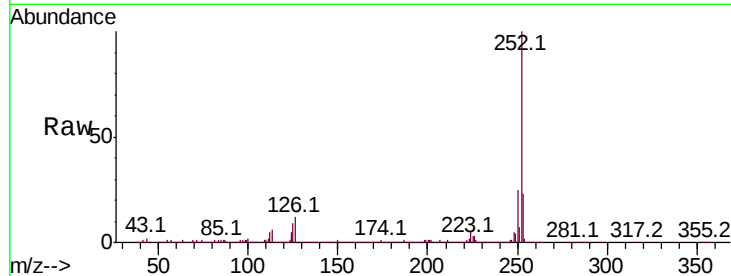
#87
Benzo(b)fluoranthene
Concen: 43.858 ng
RT: 15.31 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	8.9	9.0	13.6#

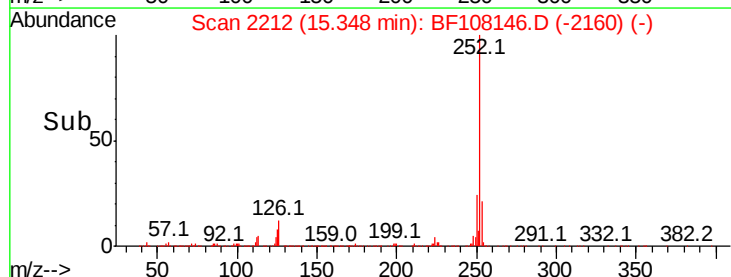
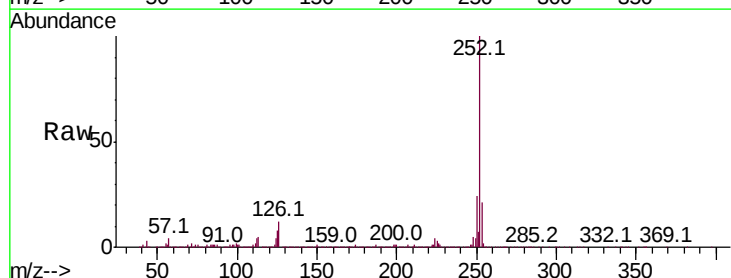
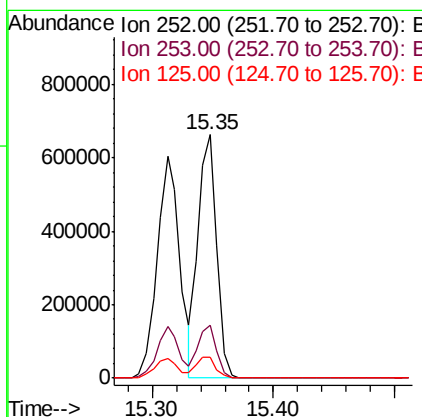
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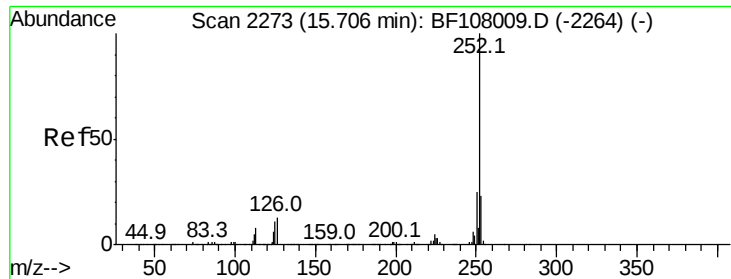
Sohil
8/15/2018 3:38:35 PM



#88
Benzo(k)fluoranthene
Concen: 42.907 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	8.4	10.2	15.2#





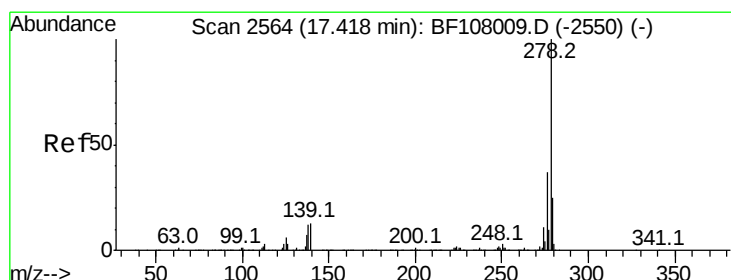
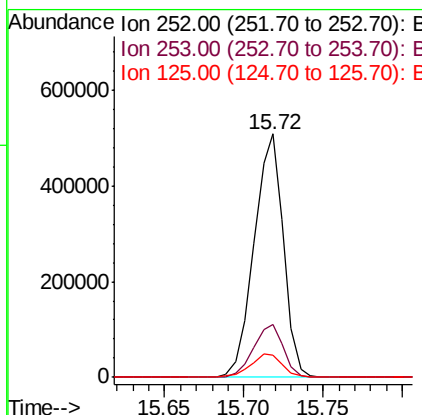
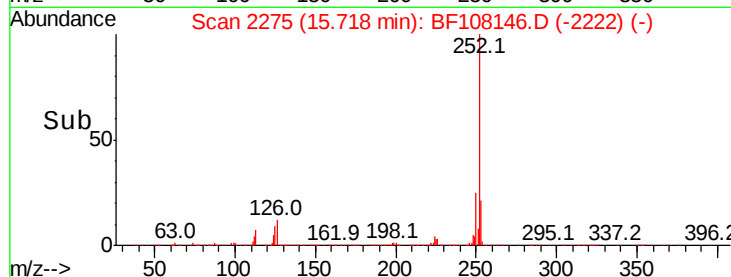
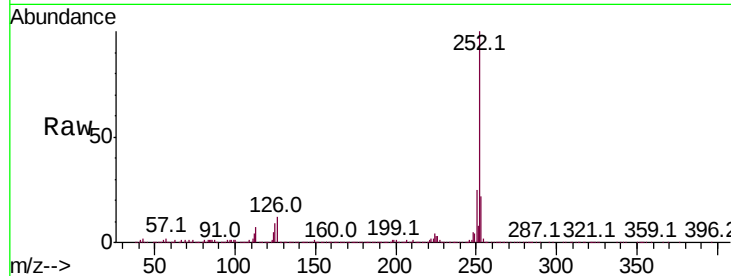
#89
Benzo(a)pyrene
Concen: 40.570 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.2	9.8	14.6

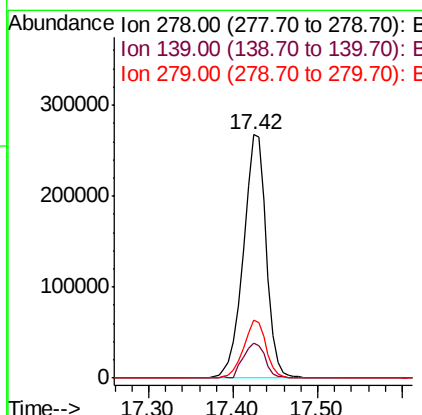
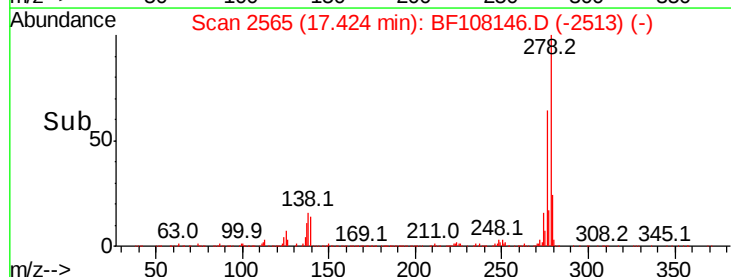
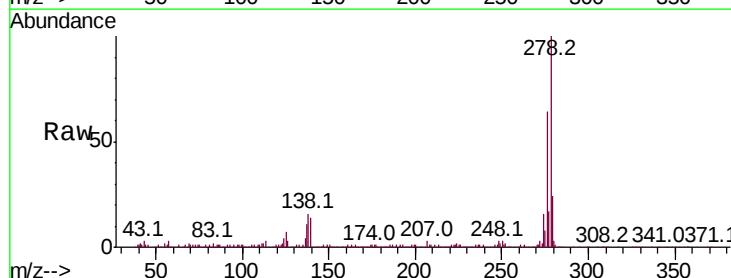
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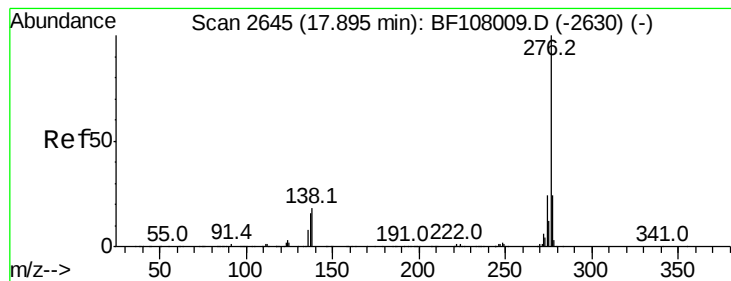
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 37.696 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108146.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.9	23.9
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.811 ng

RT: 17.91 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BF108146.D

Acq: 14 Aug 2018 15:53

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-001MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.8	17.9	26.9	
138	19.6	21.8	32.8	

Manual Integrations
APPROVED

Sohil
8/15/2018 3:38:35 PM

