

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM009996.D
 Acq On : 11 May 2017 22:06
 Operator : SJ/MA
 Sample : I3058-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:14 PM

Quant Time: May 12 07:22:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60061	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	270717	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	176141	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	438691	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	580618	20.00	ng	-0.02
86) Perylene-d12	23.66	264	454214	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	262060	68.28	ng	-0.02
7) Phenol-d6	6.95	99	250609	40.75	ng	-0.02
23) Nitrobenzene-d5	8.94	82	746608	100.79	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	412443	171.09	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1433058	108.80	ng	-0.02
78) Terphenyl-d14	19.80	244	2610719	94.77	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	20712	14.57	ng	# 100
3) Pyridine	3.68	79	79622	15.19	ng	# 91
4) n-Nitrosodimethylamine	3.60	42	47652	16.60	ng	# 65
6) Aniline	7.10	93	211474	26.49	ng	# 92
8) 2-Chlorophenol	7.33	128	161596	38.79	ng	# 78
9) Benzaldehyde	6.92	77	35534	7.72	ng	# 75
10) Phenol	6.97	94	85316	12.77	ng	# 92
11) bis(2-Chloroethyl)ether	7.20	93	232533	44.75	ng	# 86
12) 1,3-Dichlorobenzene	7.65	146	170912	36.74	ng	# 83
13) 1,4-Dichlorobenzene	7.80	146	179992	37.76	ng	# 92
14) 1,2-Dichlorobenzene	8.11	146	177187	38.34	ng	# 89
15) Benzyl Alcohol	8.02	79	156296	29.82	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.29	45	354475	42.99	ng	# 98
17) 2-Methylphenol	8.22	107	128980	29.57	ng	# 81
18) Hexachloroethane	8.82	117	79305	40.13	ng	# 92
19) n-Nitroso-di-n-propylamine	8.57	70	252902	45.33	ng	# 92
20) 3+4-Methylphenols	8.55	107	162503	27.36	ng	# 88
22) Acetophenone	8.60	105	379427	45.84	ng	# 90
24) Nitrobenzene	8.98	77	365640	46.38	ng	# 87
25) Isophorone	9.50	82	631347	49.52	ng	# 87
26) 2-Nitrophenol	9.69	139	109903	46.30	ng	# 47
27) 2,4-Dimethylphenol	9.74	122	186832	42.05	ng	# 81
28) bis(2-Chloroethoxy)methane	9.97	93	345440	44.98	ng	# 99
29) 2,4-Dichlorophenol	10.22	162	198999	46.03	ng	# 96
30) 1,2,4-Trichlorobenzene	10.42	180	213135	42.22	ng	# 95
31) Naphthalene	10.61	128	620008	41.60	ng	# 99
32) Benzoic acid	9.89	122	36852	12.40	ng	# 79
33) 4-Chloroaniline	10.73	127	244748	38.63	ng	# 77
34) Hexachlorobutadiene	10.87	225	135298	39.39	ng	# 94
35) Caprolactam	11.59	113	9743m	5.77	ng	#
36) 4-Chloro-3-methylphenol	11.86	107	233052	40.34	ng	# 75
37) 2-Methylnaphthalene	12.22	142	506788	47.50	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	288689	45.03	ng	# 100
40) Hexachlorocyclopentadiene	12.56	237	150203	87.00	ng	# 94

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM009996.D
 Acq On : 11 May 2017 22:06
 Operator : SJ/MA
 Sample : I3058-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

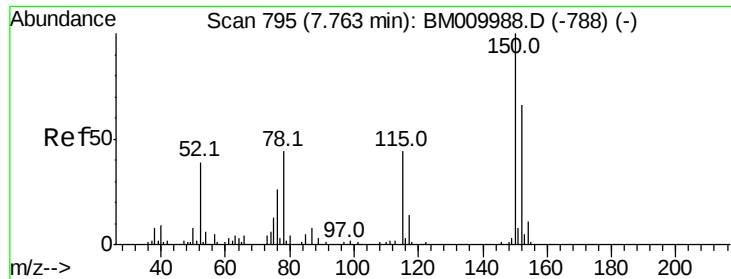
Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:14 PM

Quant Time: May 12 07:22:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	195655	49.57	nq	96
43) 2,4,5-Trichlorophenol	12.93	196	202444	47.22	nq	# 87
45) 1,1'-Biphenyl	13.24	154	698861	47.68	nq	96
46) 2-Chloronaphthalene	13.29	162	547823	47.56	nq	97
47) 2-Nitroaniline	13.52	65	255270	48.95	nq	# 66
48) Acenaphthylene	14.14	152	897240	49.46	nq	98
49) Dimethylphthalate	13.88	163	715863	46.11	nq	# 98
50) 2,6-Dinitrotoluene	14.02	165	160211	50.92	nq	# 57
51) Acenaphthene	14.48	154	549411	48.06	nq	95
52) 3-Nitroaniline	14.36	138	136787	40.93	nq	# 48
53) 2,4-Dinitrophenol	14.57	184	175726	92.30	nq	88
54) Dibenzofuran	14.82	168	925150	52.83	nq	94
55) 4-Nitrophenol	14.68	139	66178	29.58	nq	# 1
56) 2,4-Dinitrotoluene	14.82	165	239548	51.47	nq	# 75
57) Fluorene	15.47	166	777002	50.32	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.05	232	192838	52.06	nq	# 100
59) Diethylphthalate	15.24	149	773974	47.48	nq	99
60) 4-Chlorophenyl-phenylether	15.46	204	415491	49.28	nq	96
61) 4-Nitroaniline	15.53	138	159961	46.99	nq	# 18
62) Azobenzene	15.76	77	1111351	56.19	nq	84
64) 4,6-Dinitro-2-methylphenol	15.58	198	130138	45.58	nq	88
65) n-Nitrosodiphenylamine	15.69	169	669233	49.16	nq	98
66) 4-Bromophenyl-phenylether	16.36	248	261701	50.23	nq	# 89
67) Hexachlorobenzene	16.47	284	274352	47.44	nq	# 94
68) Atrazine	16.64	200	249610	50.18	nq	98
69) Pentachlorophenol	16.83	266	253906	89.05	nq	96
70) Phenanthrene	17.22	178	1257415	49.93	nq	99
71) Anthracene	17.31	178	1301300	50.66	nq	98
72) Carbazole	17.59	167	1179963	51.46	nq	98
73) Di-n-butylphthalate	18.13	149	1398284	47.97	nq	# 97
74) Fluoranthene	19.24	202	1613368	49.94	nq	99
76) Benzidine	19.43	184	435333	29.99	nq	98
77) Pyrene	19.60	202	1637292	47.38	nq	98
79) Butylbenzylphthalate	20.49	149	681883	47.39	nq	# 63
80) Benzo(a)anthracene	21.35	228	1712673	49.09	nq	99
81) 3,3'-Dichlorobenzidine	21.29	252	571192	44.44	nq	# 97
82) Chrysene	21.40	228	1532454	46.84	nq	97
83) Bis(2-ethylhexyl)phthalate	21.25	149	991554	46.15	nq	99
84) Di-n-octyl phthalate	22.14	149	1726458	46.84	nq	# 86
85) Indeno(1,2,3-cd)pyrene	26.00	276	1369531	49.66	nq	# 100
87) Benzo(b)fluoranthene	22.97	252	1554968	50.55	nq	# 94
88) Benzo(k)fluoranthene	23.01	252	1488423	50.93	nq	# 97
89) Benzo(a)pyrene	23.56	252	1394755	51.43	nq	99
90) Dibenzo(a,h)anthracene	26.00	278	1189427	49.70	nq	# 96
91) Benzo(g,h,i)perylene	26.71	276	1044310	47.35	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

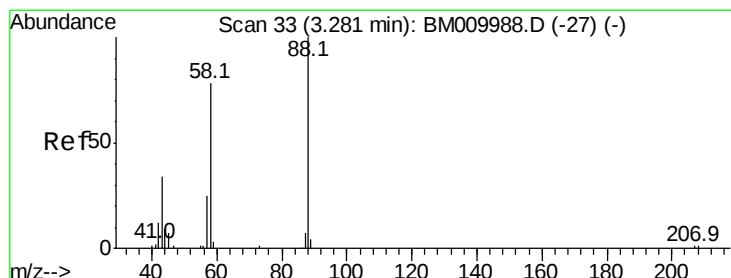
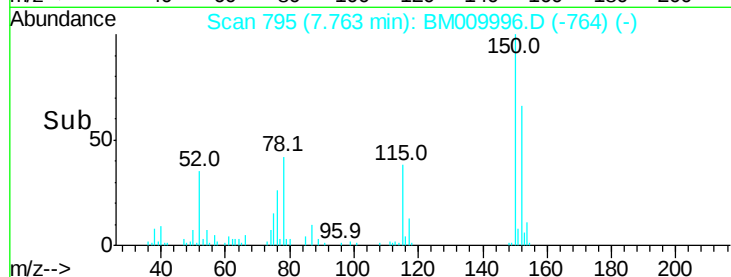
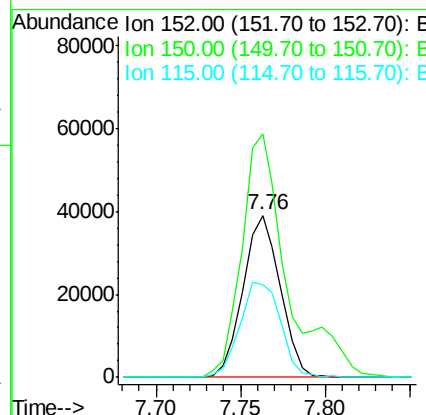
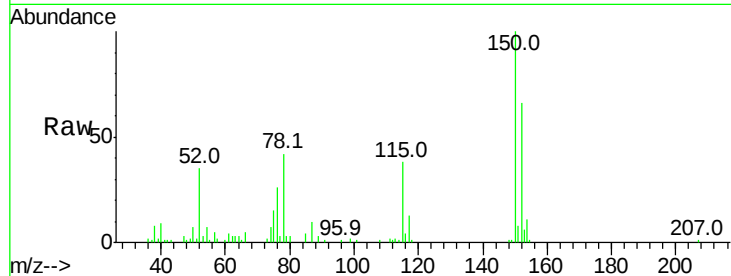
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	152	Resp:	60061
Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	57.2	43.0	64.4

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#2

1,4-Dioxane

Concen: 14.57 ng

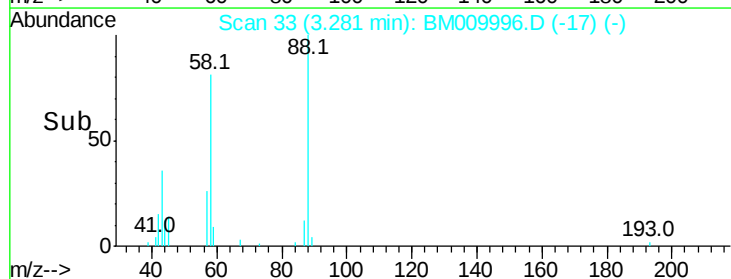
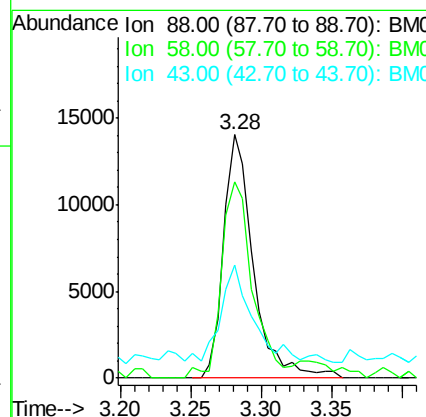
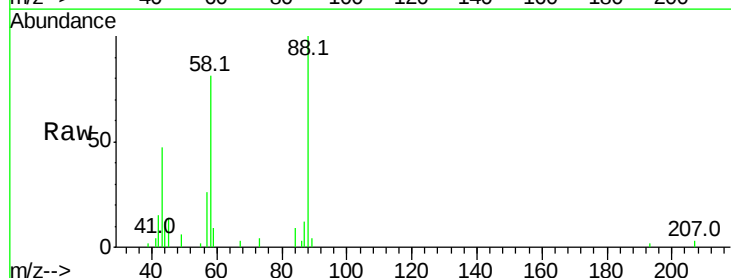
RT: 3.28 min Scan# 33

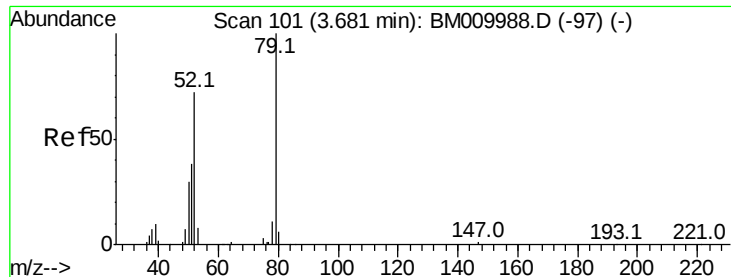
Delta R.T. -0.01 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	88	Resp:	20712
Ion	Ratio	Lower	Upper
88	100		
58	83.1	0.0	0.0#
43	41.8	0.0	0.0#





#3

Pvridine

Concen: 15.19 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

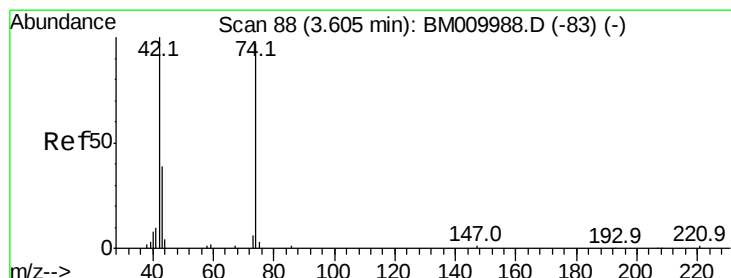
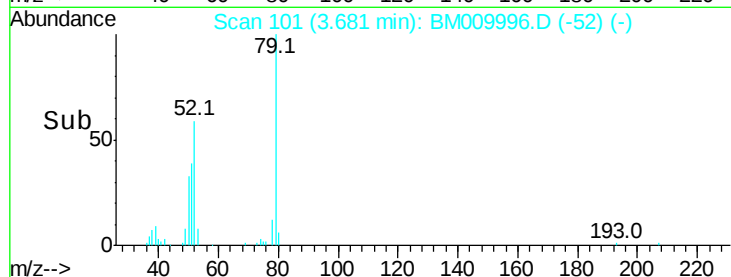
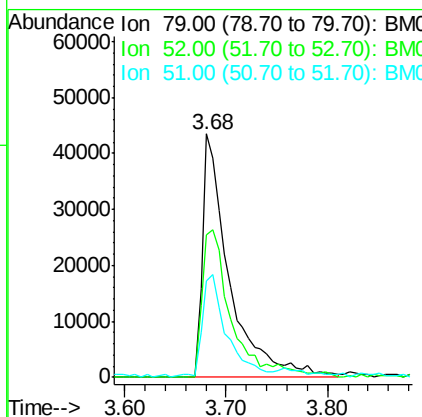
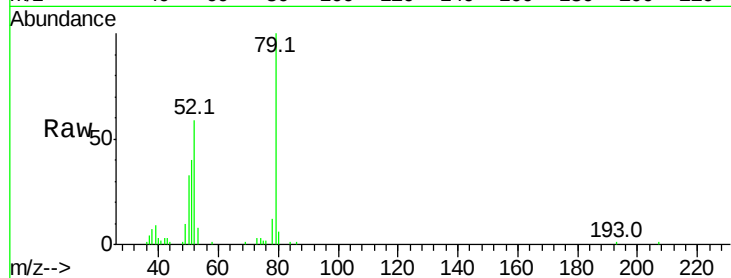
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	79	Resp:	79622
Ion Ratio	Lower	Upper	
79	100		
52	58.6	51.1	76.7
51	39.8	26.1	39.1#

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#4

n-Nitrosodimethylamine

Concen: 16.60 ng

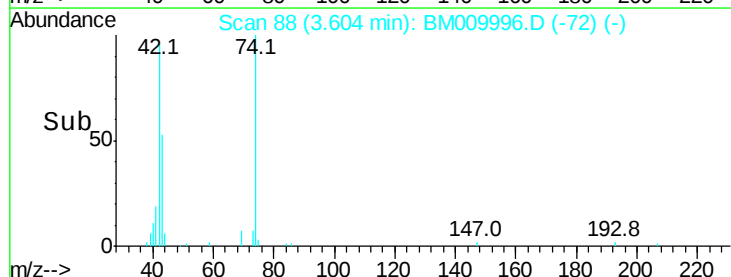
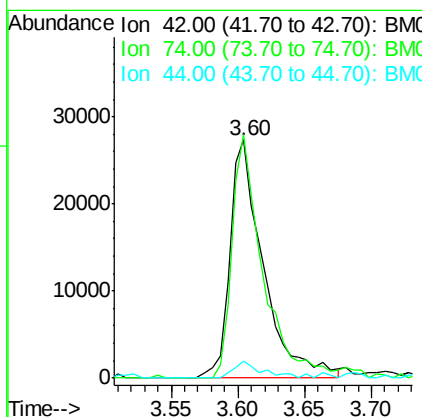
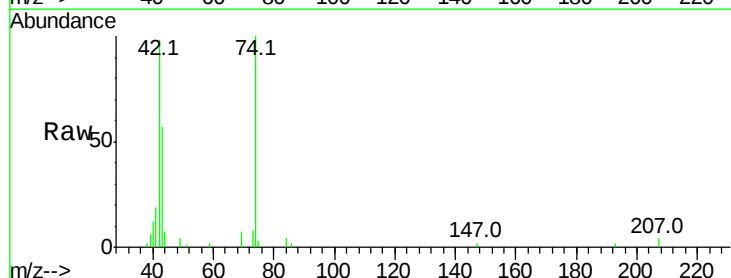
RT: 3.60 min Scan# 88

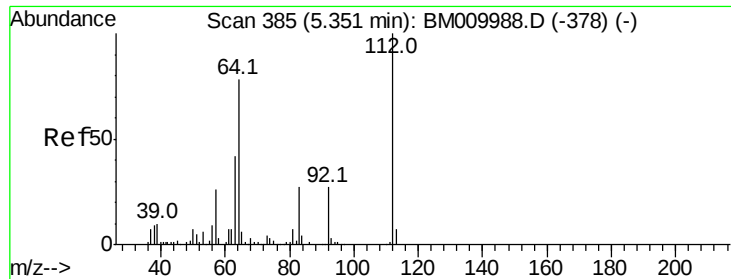
Delta R.T. -0.01 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	42	Resp:	47652
Ion Ratio	Lower	Upper	
42	100		
74	102.2	119.3	178.9#
44	7.0	5.4	8.2





#5

2-Fluorophenol

Concen: 68.28 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

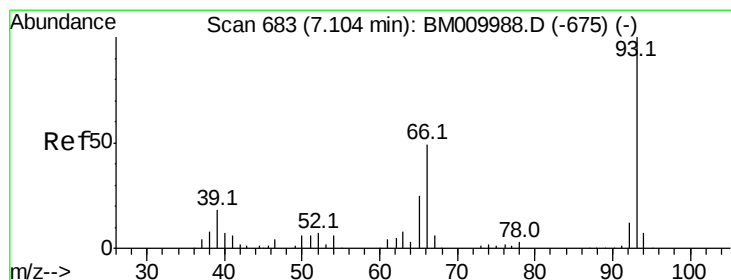
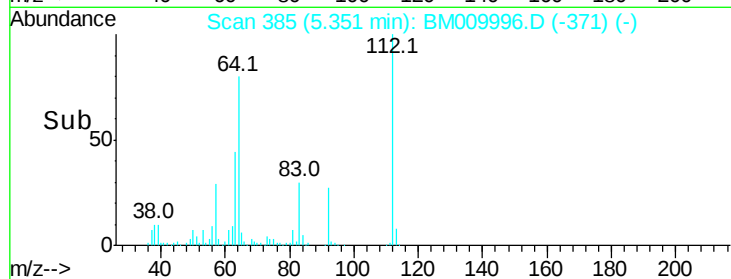
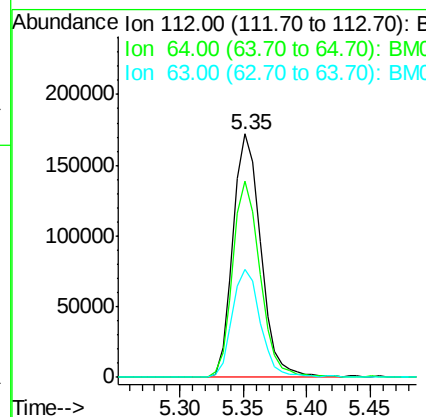
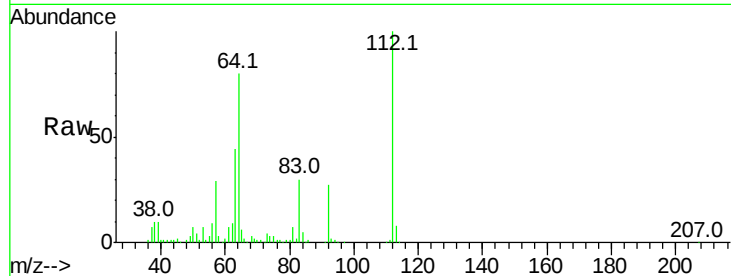
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	112	Resp:	262060
Ion Ratio	Lower	Upper	
112	100		
64	80.5	38.6	57.8#
63	44.1	19.3	28.9#

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#6

Aniline

Concen: 26.49 ng

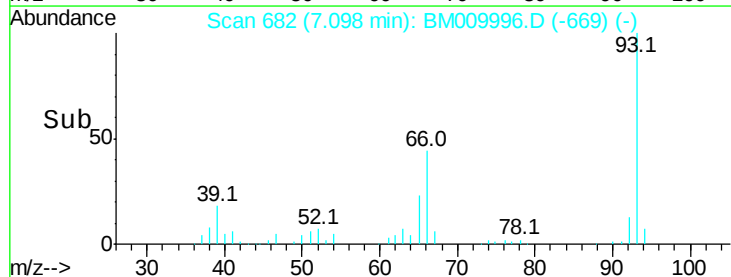
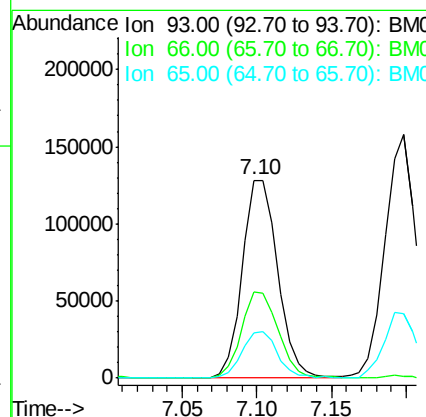
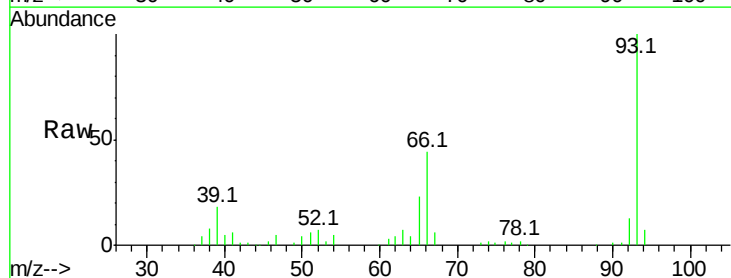
RT: 7.10 min Scan# 682

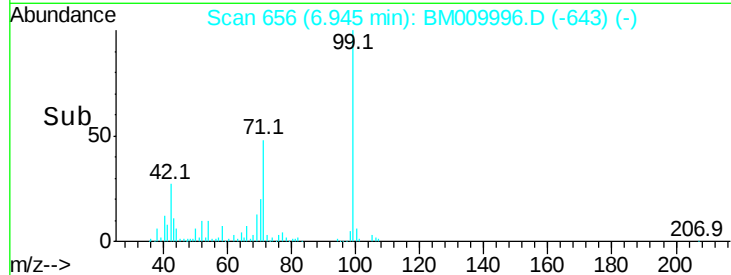
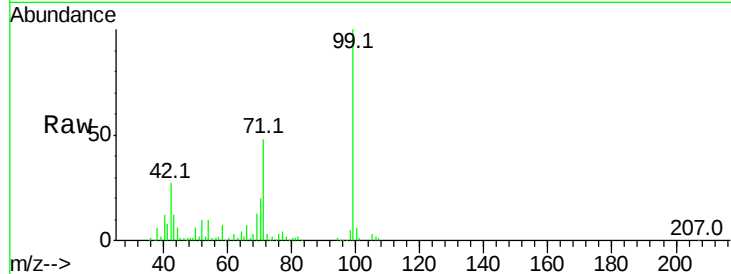
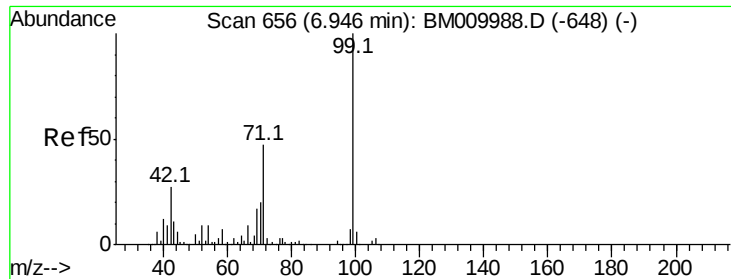
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	93	Resp:	211474
Ion Ratio	Lower	Upper	
93	100		
66	43.8	30.8	46.2
65	22.9	16.0	24.0





#7

Phenol-d6

Concen: 40.75 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

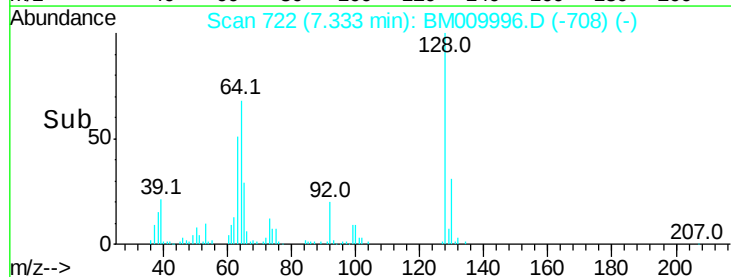
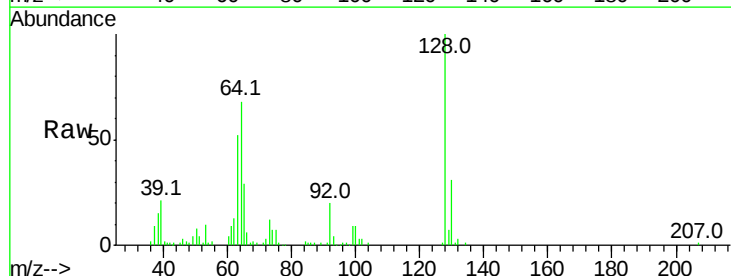
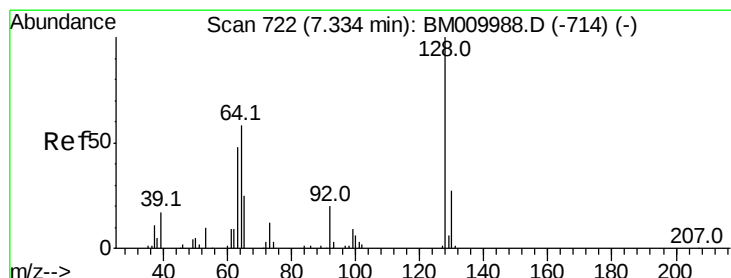
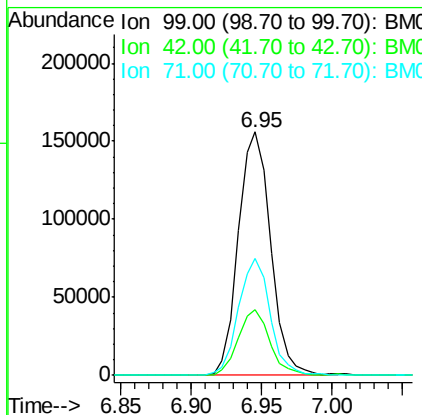
ClientSampleId :

LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	27.1	11.0	16.4#	
71	47.8	23.4	35.2#	

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#8

2-Chlorophenol

Concen: 38.79 ng

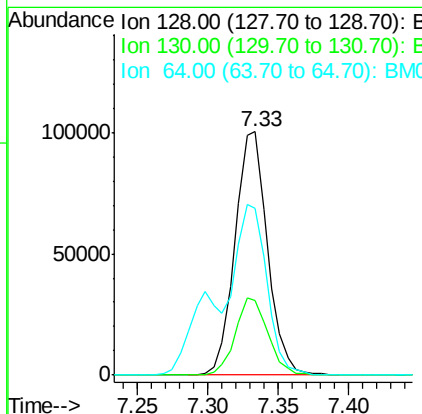
RT: 7.33 min Scan# 722

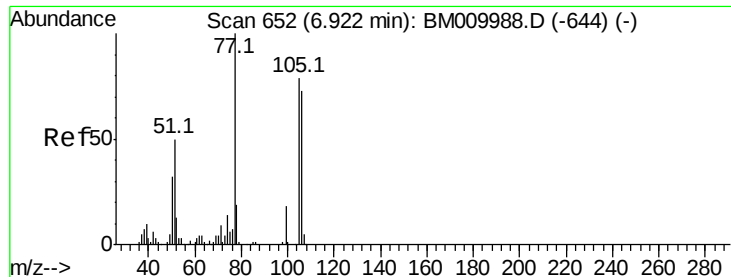
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	30.8	12.0	52.0	
64	68.5	24.9	64.9#	





#9

Benzaldehyde

Concen: 7.72 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

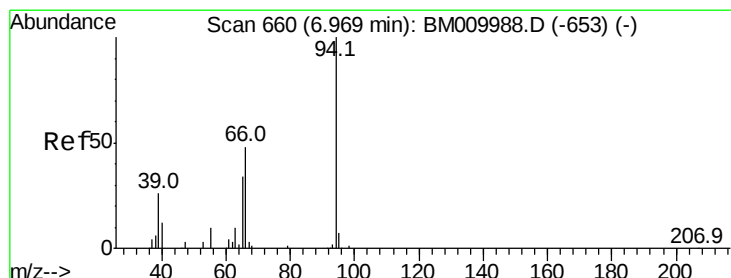
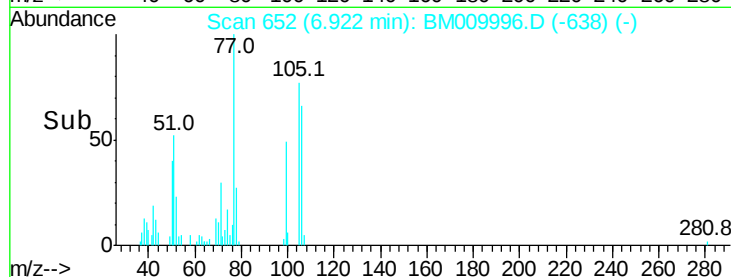
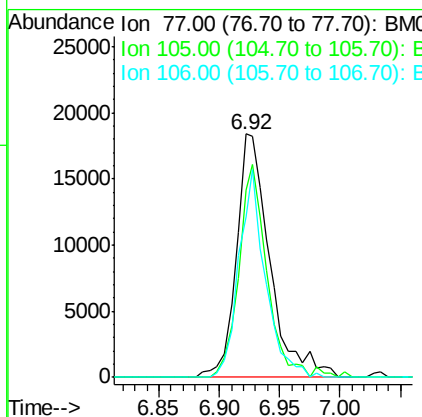
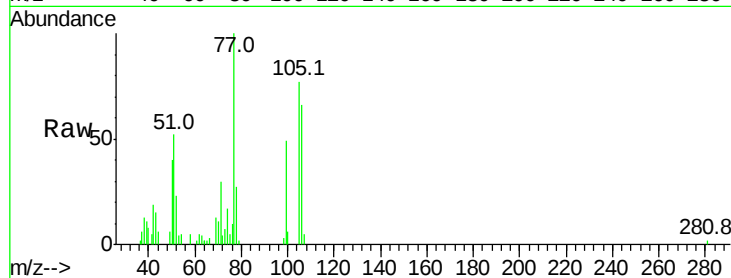
ClientSampleId :

LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	77.1	78.8	118.8#
106	65.7	73.7	113.7#

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#10

Phenol

Concen: 12.77 ng

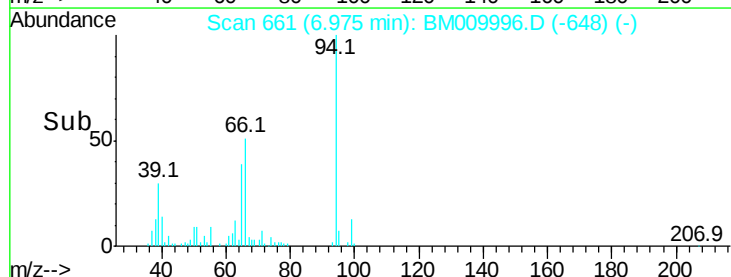
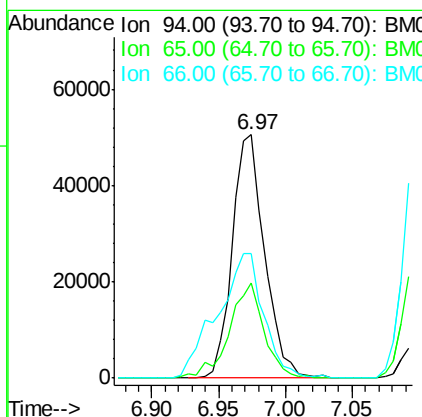
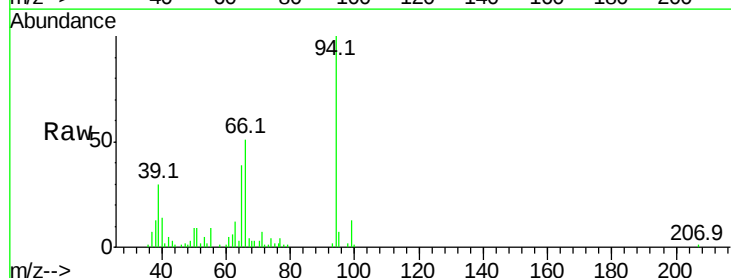
RT: 6.97 min Scan# 661

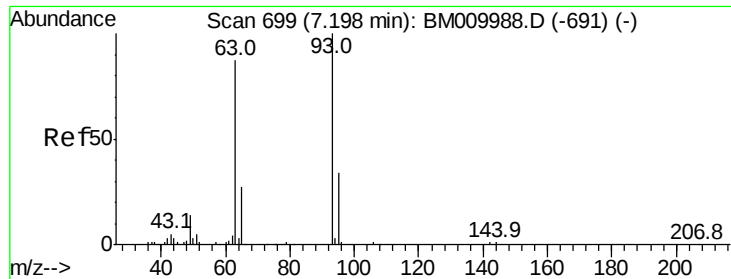
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.3	18.8	58.8
66	51.0	39.9	79.9





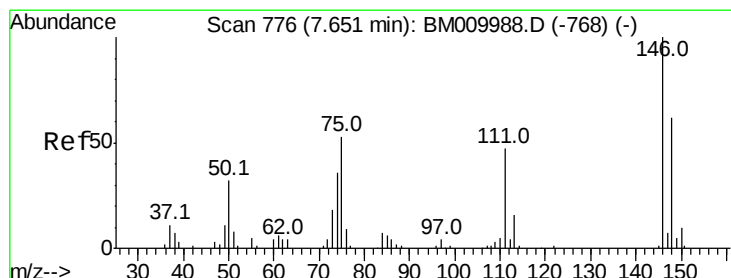
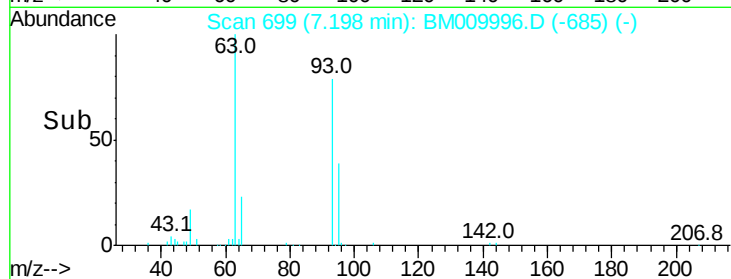
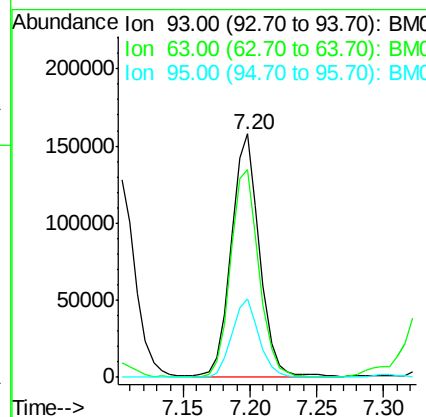
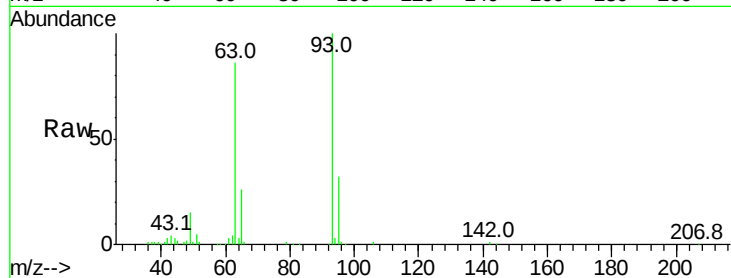
#11
bis(2-Chloroethyl)ether
Concen: 44.75 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.6	49.5	89.5
95	32.2	13.5	53.5

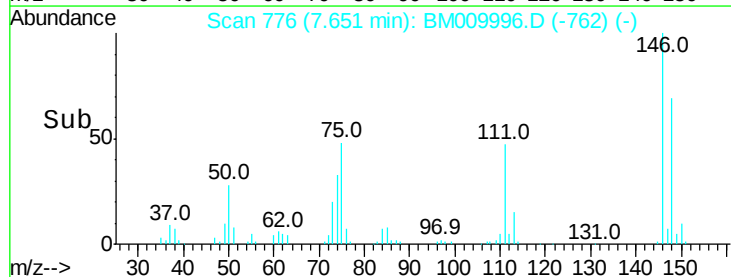
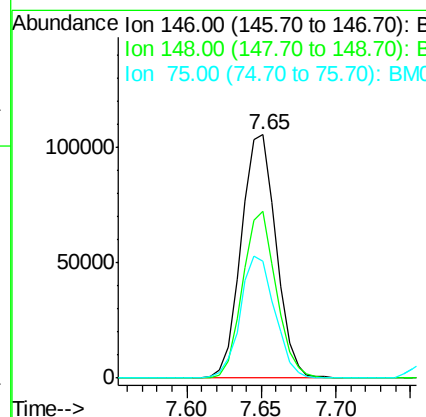
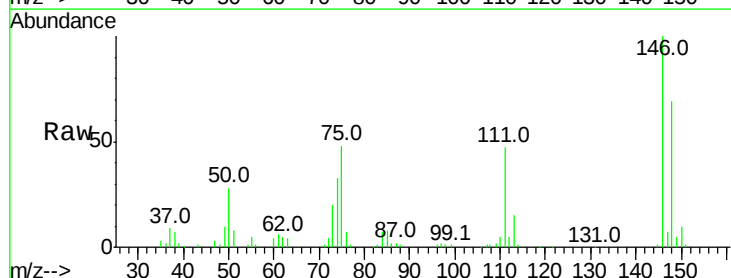
Manual Integrations
APPROVED

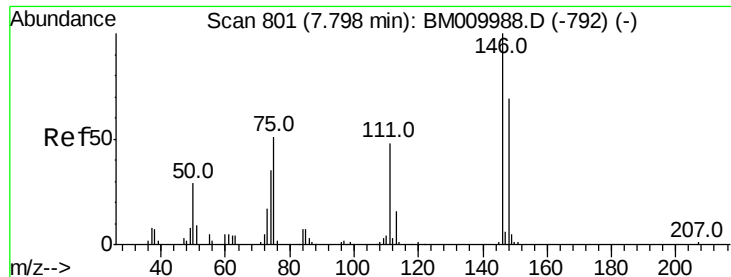
mohammad
5/12/2017 4:30:14 PM



#12
1,3-Dichlorobenzene
Concen: 36.74 ng
RT: 7.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.6	50.9	76.3
75	48.2	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 37.76 ng

RT: 7.80 min Scan# 801

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

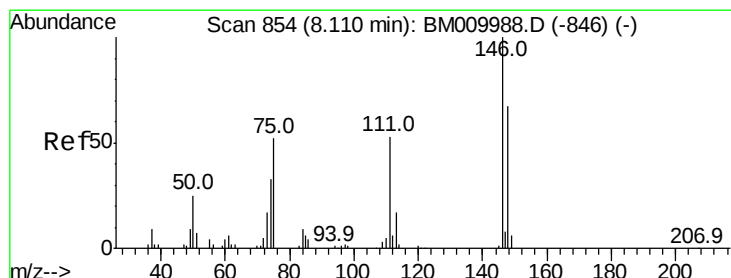
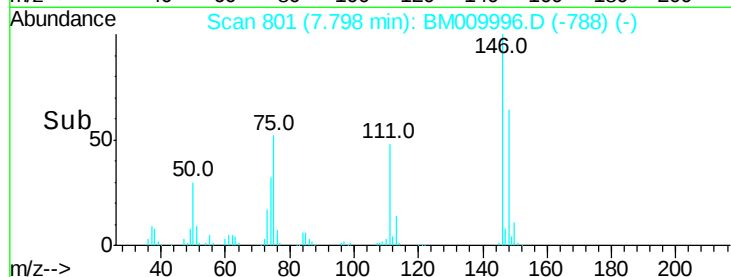
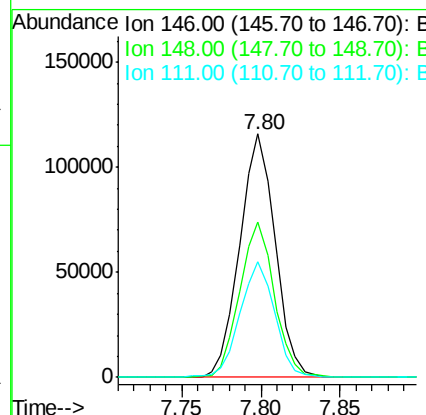
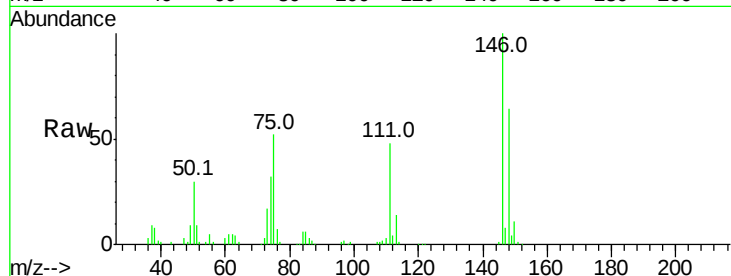
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	146	Resp:	179992
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	47.7	29.2	43.8#

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#14

1,2-Dichlorobenzene

Concen: 38.34 ng

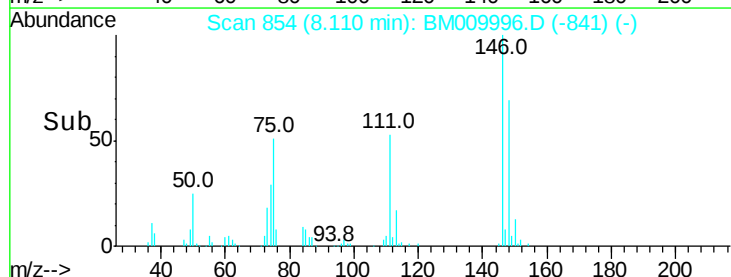
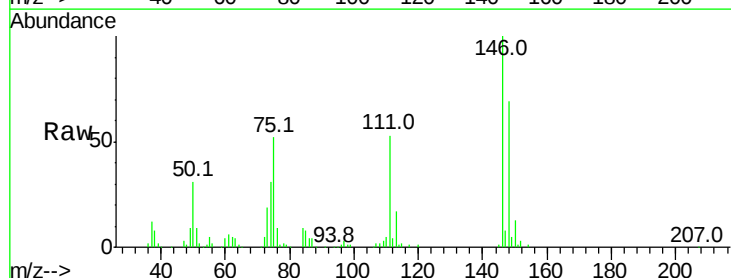
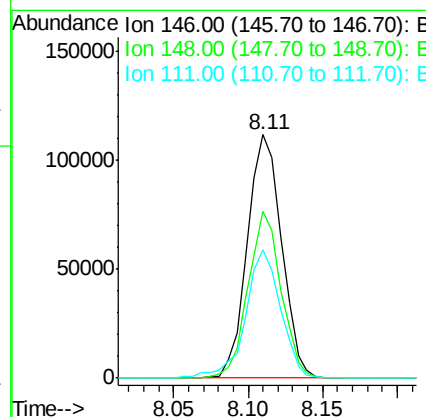
RT: 8.11 min Scan# 854

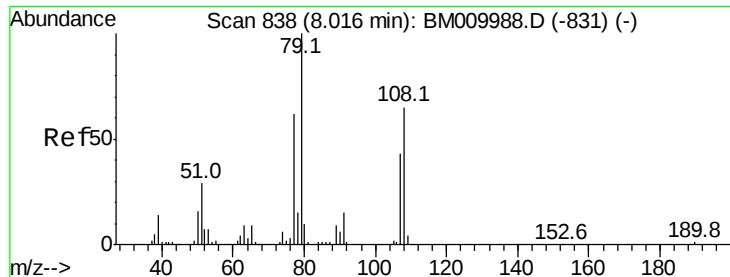
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	146	Resp:	177187
Ion Ratio	Lower	Upper	
146	100		
148	68.7	52.3	78.5
111	52.5	30.6	45.8#





#15

Benzyl Alcohol

Concen: 29.82 ng

RT: 8.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

ClientSampleId :

LF017MW003-170508MS

Tot Ion: 79 Resp: 156296

Ion Ratio Lower Upper

79 100

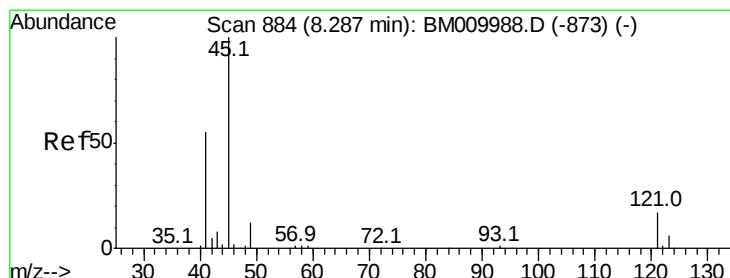
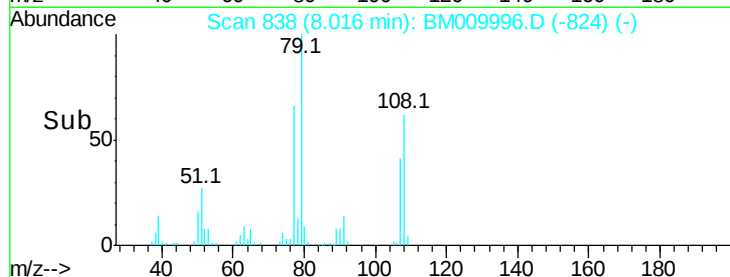
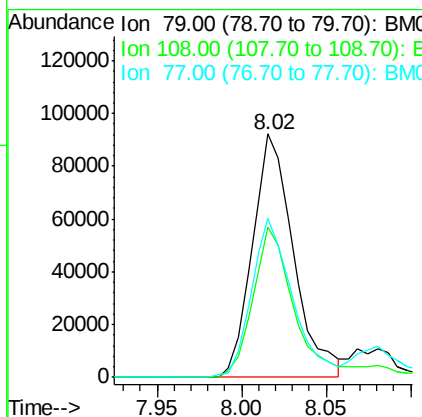
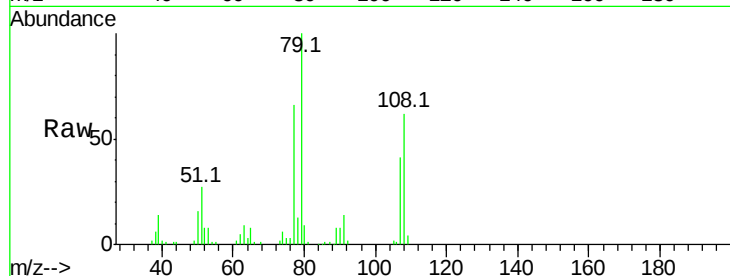
108 61.7 65.0 97.4#

77 65.6 53.0 79.6

Manual Integrations
APPROVED

mohammad

5/12/2017 4:30:14 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.99 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

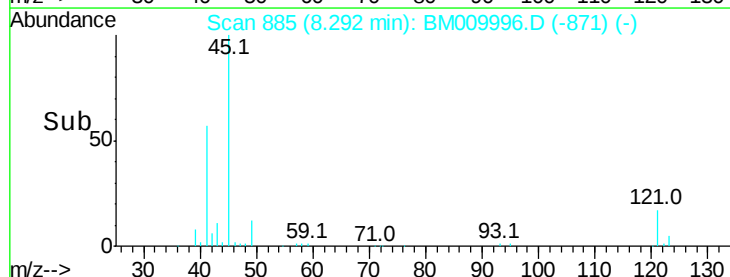
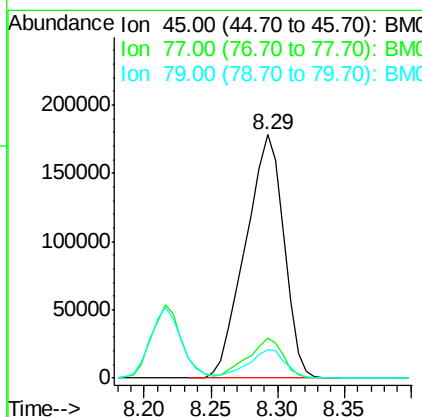
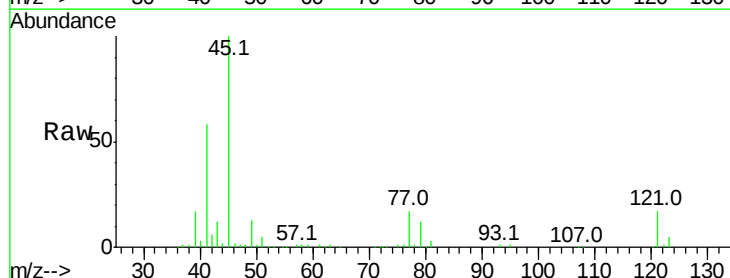
Tgt Ion: 45 Resp: 354475

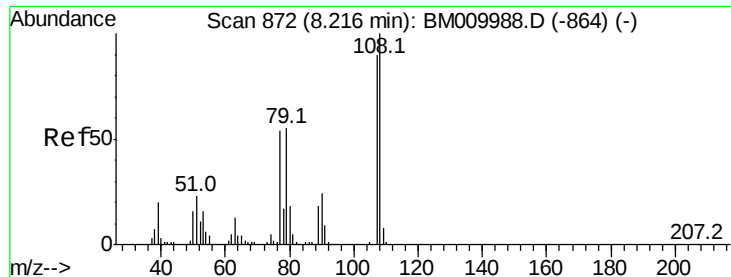
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.2

79 11.7 0.0 32.0





#17

2-Methylphenol

Concen: 29.57 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

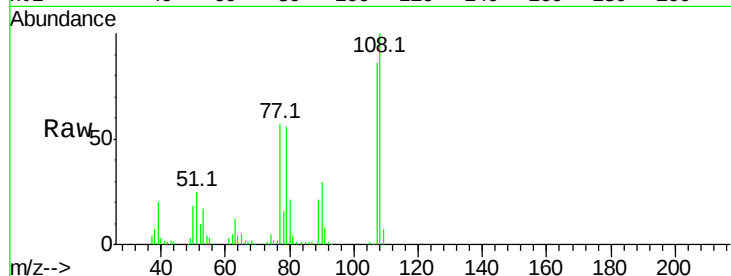
ClientSampleId :

LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.7	89.8	134.8	
77	66.6	32.6	48.8	
79	65.0	32.8	49.2	

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM

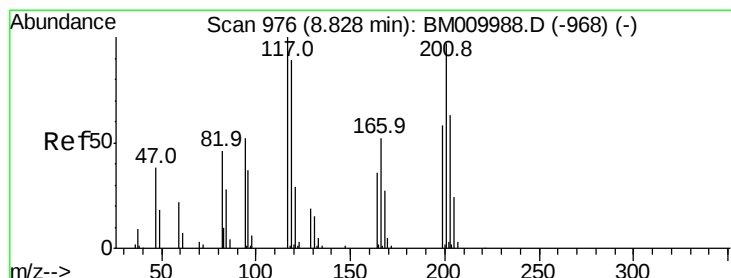
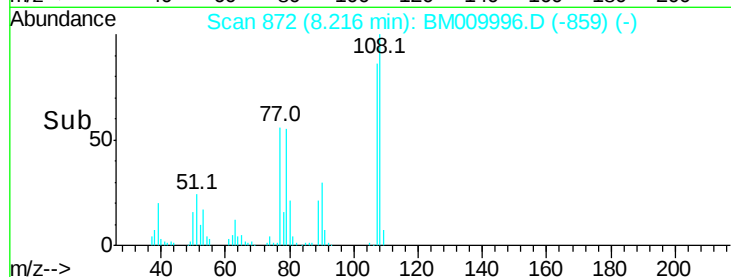
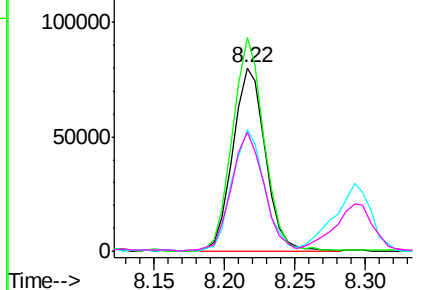


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 40.13 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.03 min

Lab File: BM009996.D

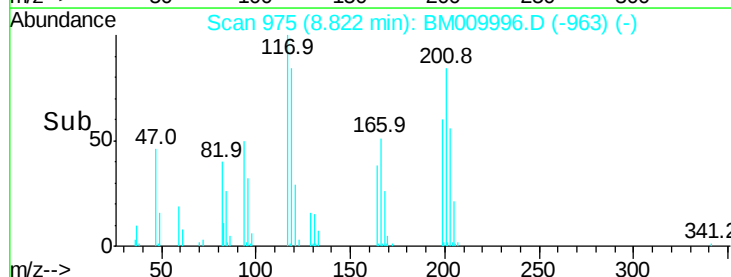
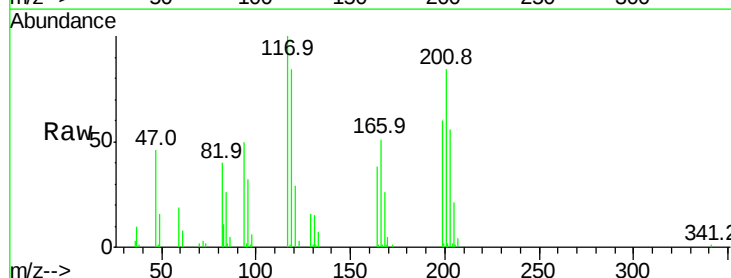
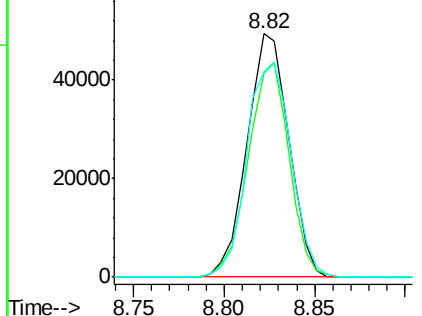
Acq: 11 May 2017 22:06

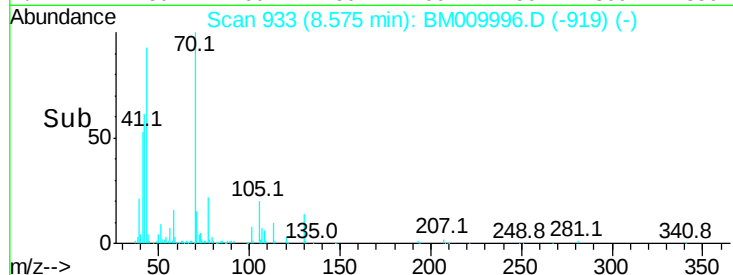
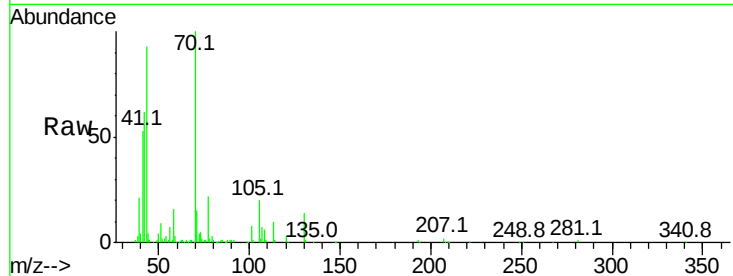
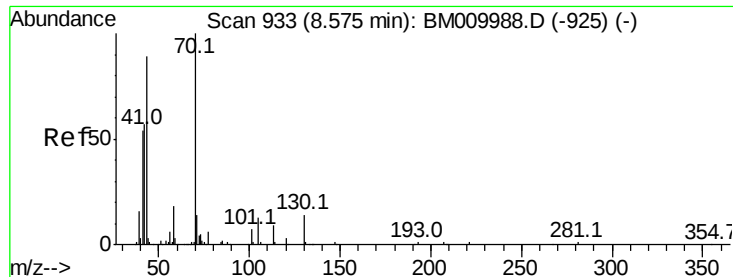
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	83.7	79.2	118.8	
201	86.7	69.8	104.6	

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





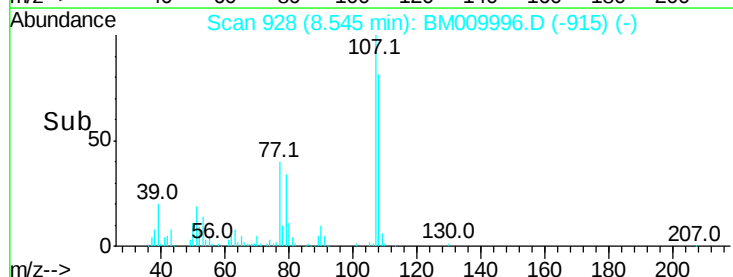
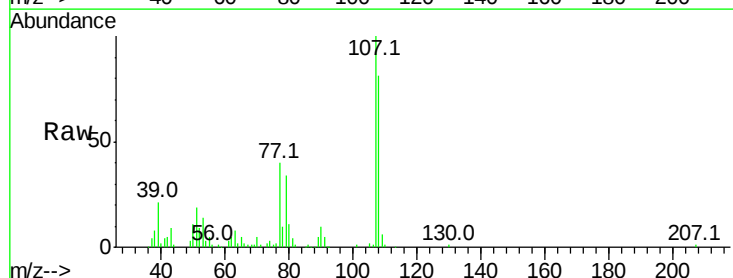
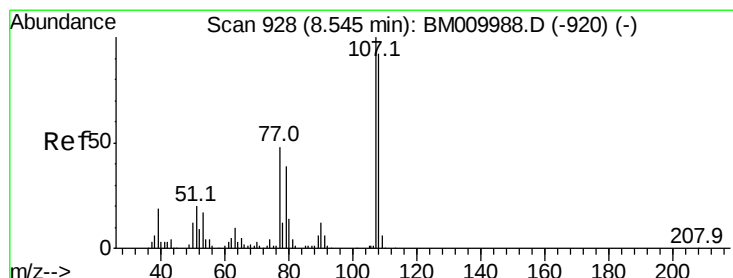
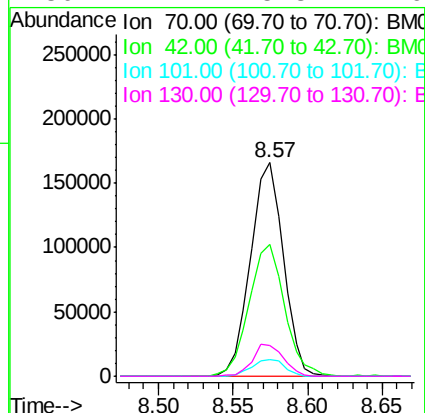
#19
n-Nitroso-di-n-propylamine
Concen: 45.33 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.6	44.5	66.7	
101	7.9	7.4	11.2	
130	14.1	15.3	22.9	

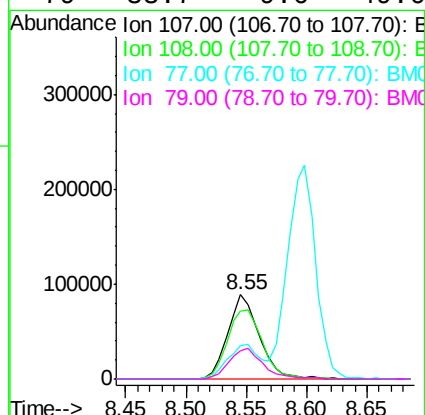
Manual Integrations
APPROVED

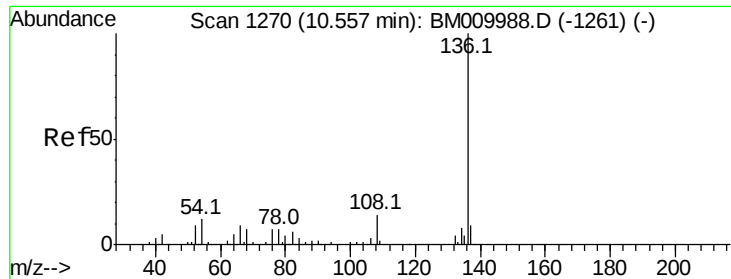
mohammad
5/12/2017 4:30:14 PM



#20
3+4-Methylphenols
Concen: 27.36 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.0	73.2	113.2	
77	39.7	10.7	50.7	
79	33.7	9.6	49.6	





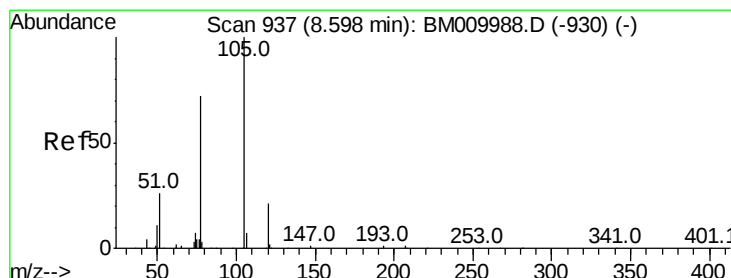
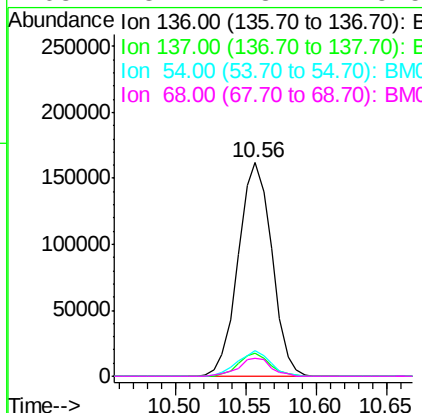
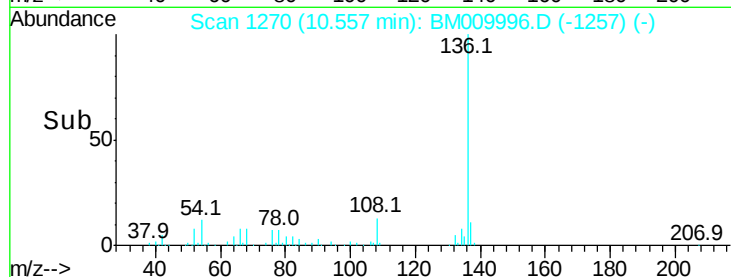
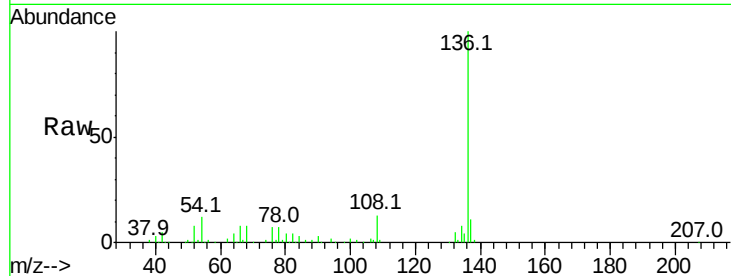
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	270717		
137	10.9	8.7	13.1	
54	11.9	4.6	6.8#	
68	8.4	3.7	5.5#	

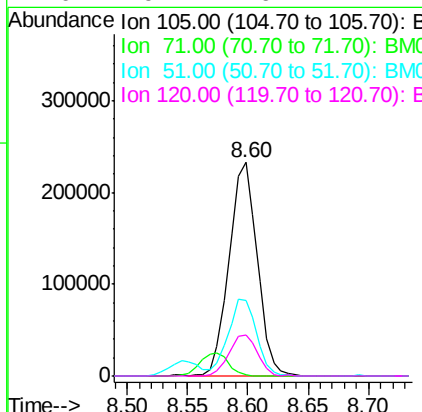
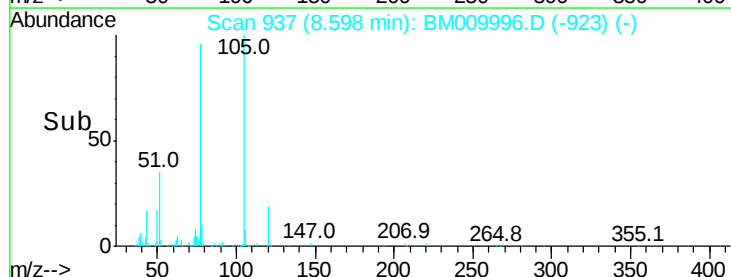
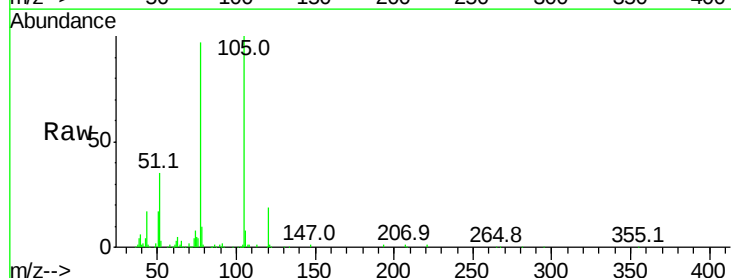
Manual Integrations
APPROVED

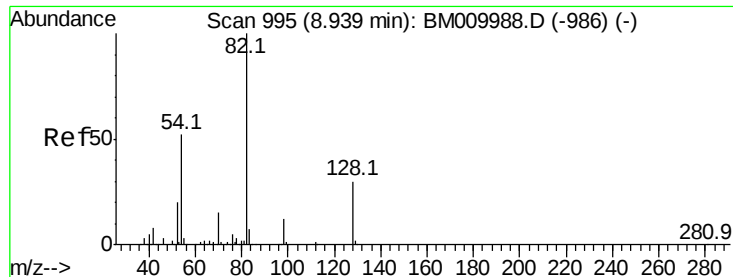
mohammad
5/12/2017 4:30:14 PM



#22
Acetophenone
Concen: 45.84 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	379427		
71	0.4	0.6	1.0#	
51	35.5	21.6	32.4#	
120	19.1	16.1	24.1	





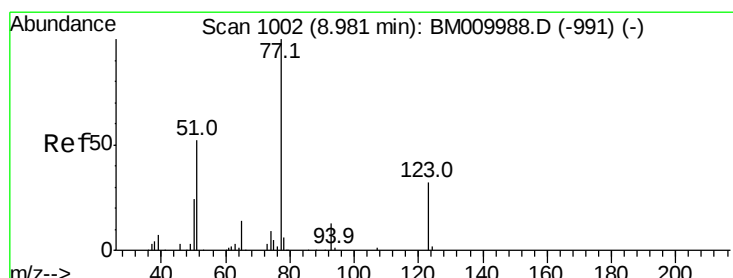
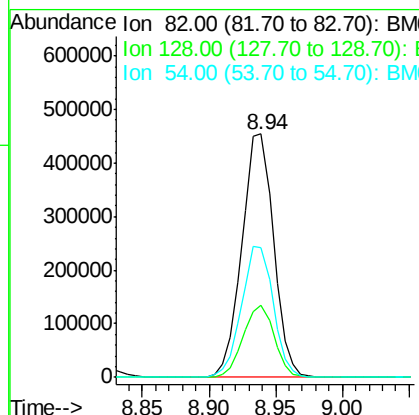
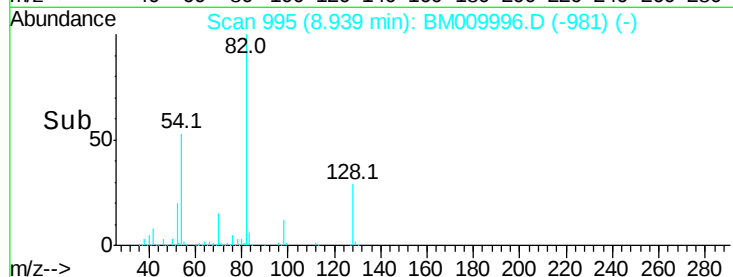
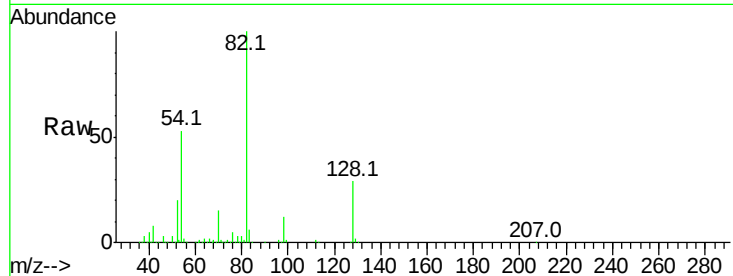
#23
Nitrobenzene-d5
Concen: 100.79 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	29.5	32.8	49.2#	
54	53.3	40.6	60.8	

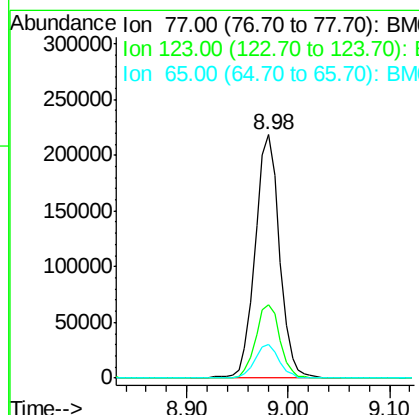
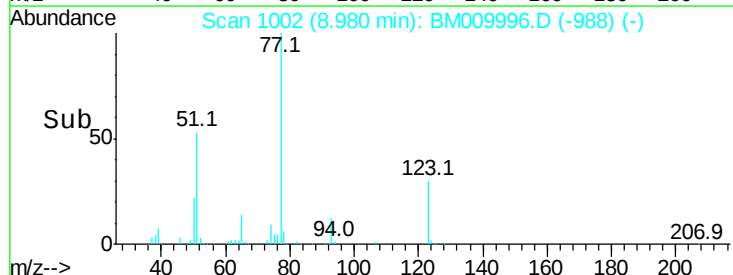
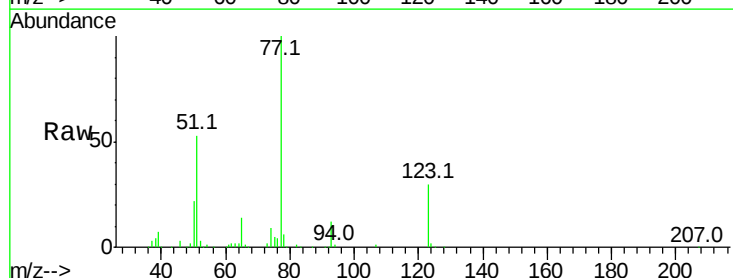
Manual Integrations
APPROVED

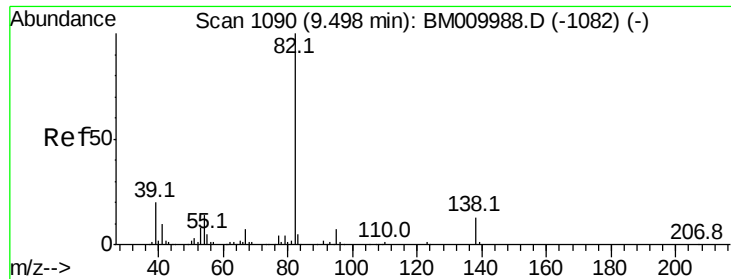
mohammad
5/12/2017 4:30:14 PM



#24
Nitrobenzene
Concen: 46.38 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	30.2	32.6	49.0#	
65	13.8	10.9	16.3	





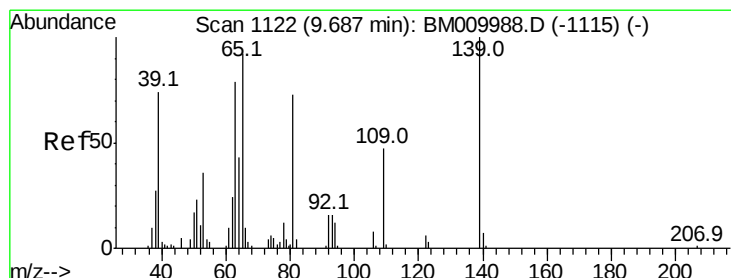
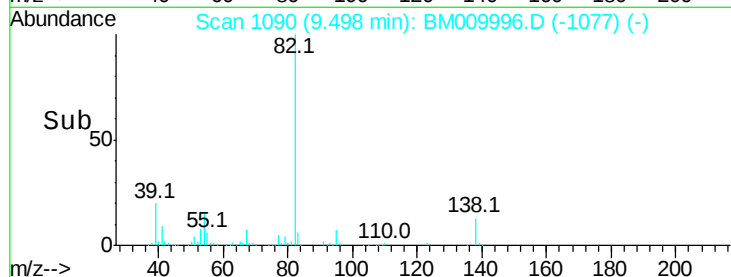
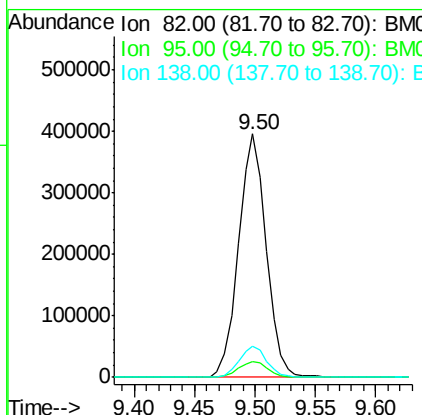
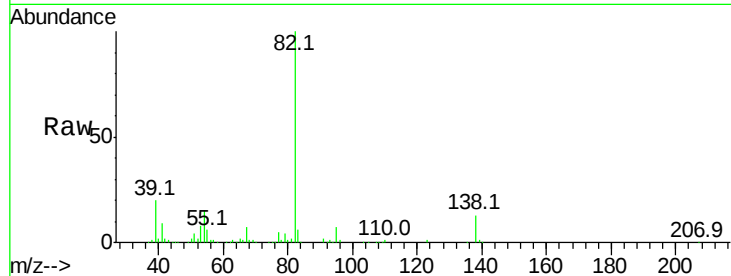
#25
Isophorone
Concen: 49.52 ng
RT: 9.50 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.8	8.6
138	12.9	16.3	24.5#

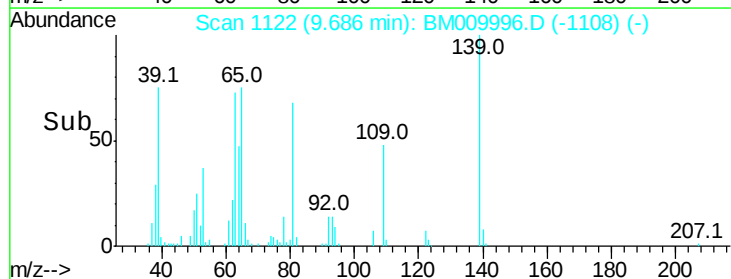
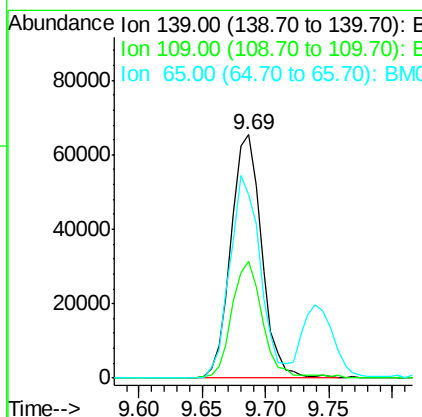
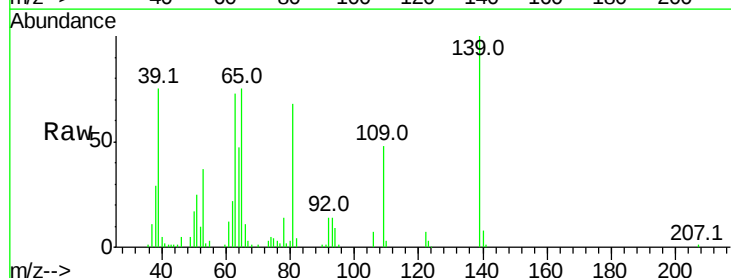
Manual Integrations
APPROVED

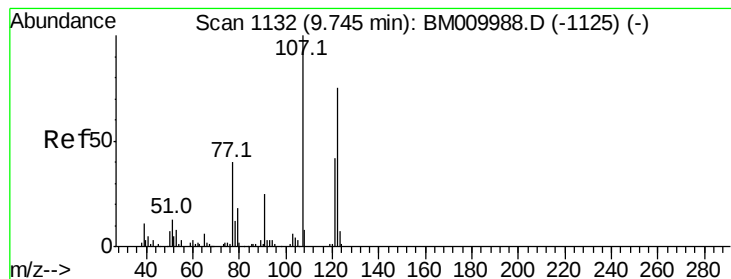
mohammad
5/12/2017 4:30:14 PM



#26
2-Nitrophenol
Concen: 46.30 ng
RT: 9.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	47.9	20.1	30.1#
65	75.3	31.5	47.3#





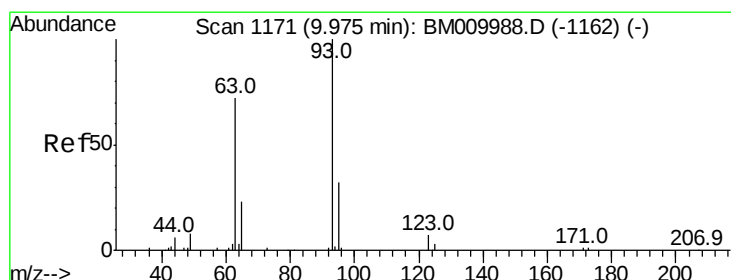
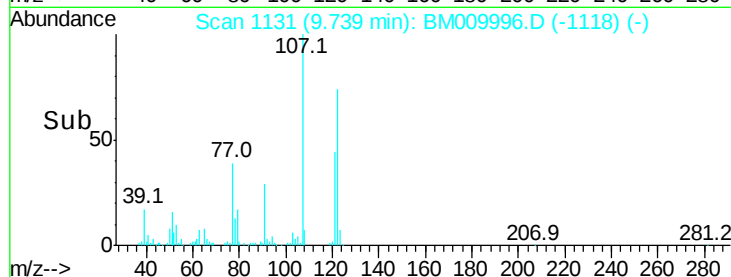
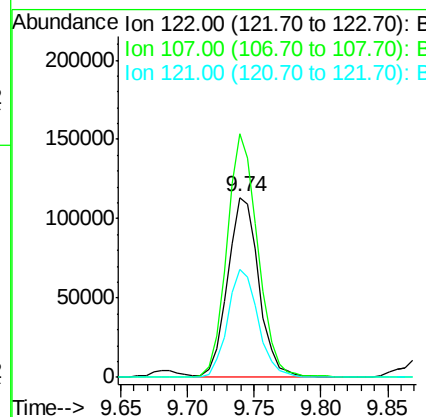
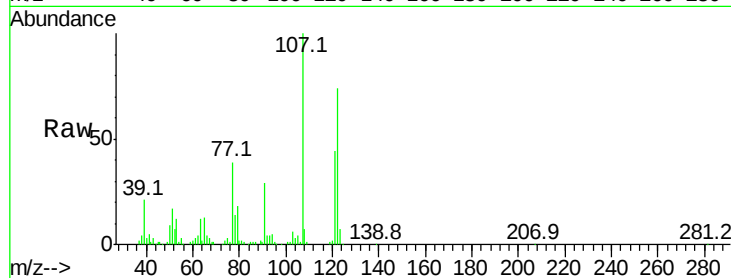
#27
 2,4-Dimethylphenol
 Concen: 42.05 ng
 RT: 9.74 min Scan# 1131
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	186832		
107	135.1	84.7	127.1#	
121	59.8	46.6	69.8	

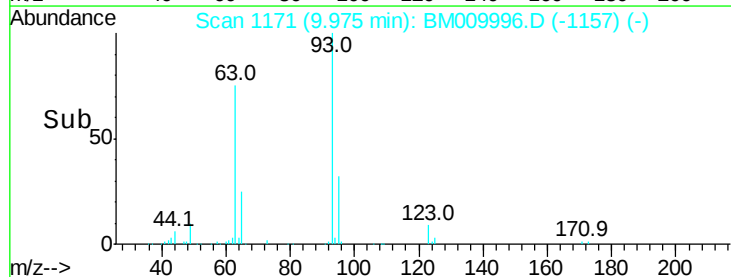
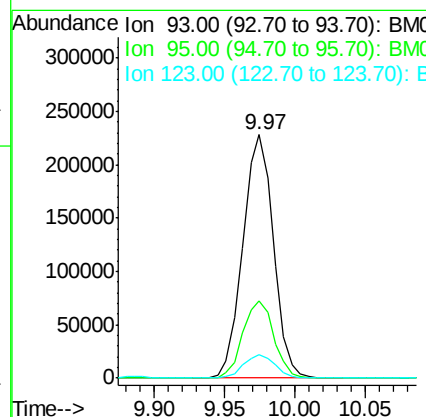
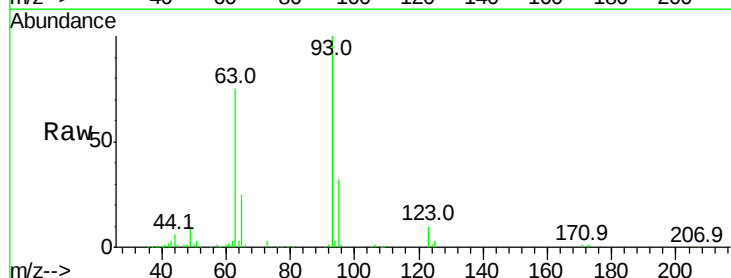
Manual Integrations
 APPROVED

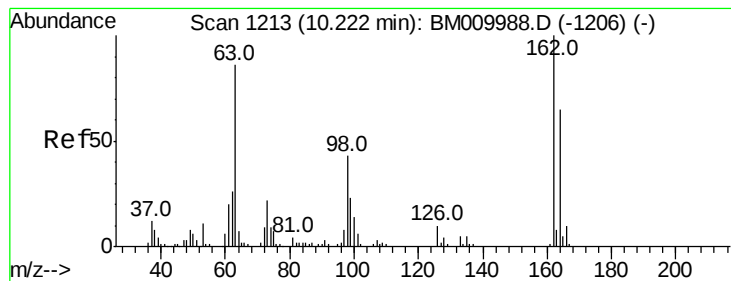
mohammad
 5/12/2017 4:30:14 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.98 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	345440		
95	31.7	25.5	38.3	
123	9.9	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 46.03 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

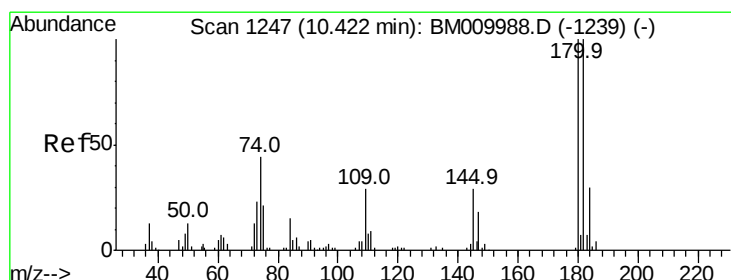
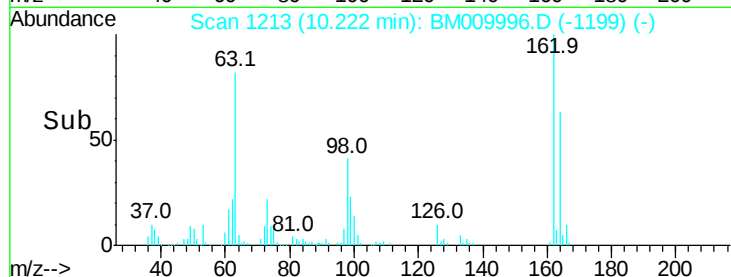
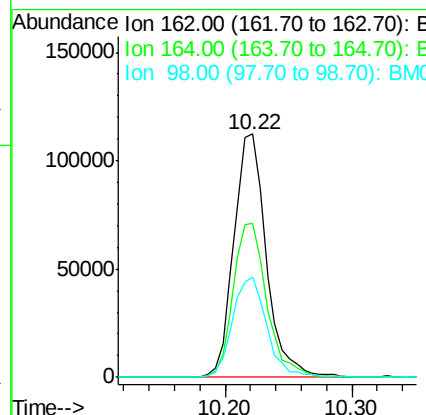
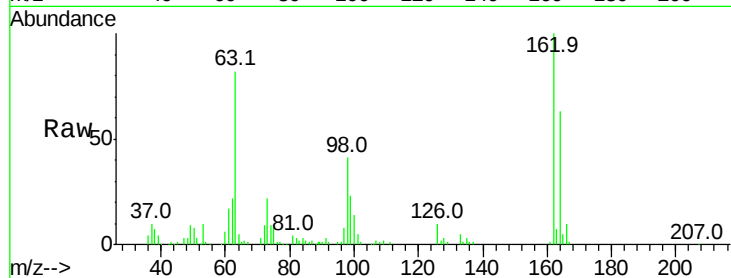
ClientSampleId :

LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198999		
164	63.1	42.8	82.8	
98	41.1	14.5	54.5	

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#30

1,2,4-Trichlorobenzene

Concen: 42.22 ng

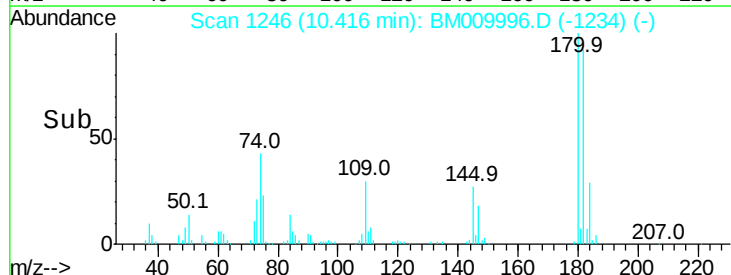
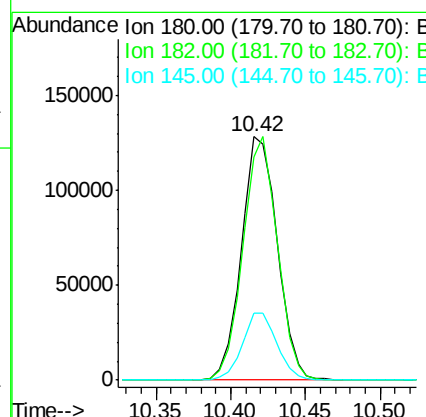
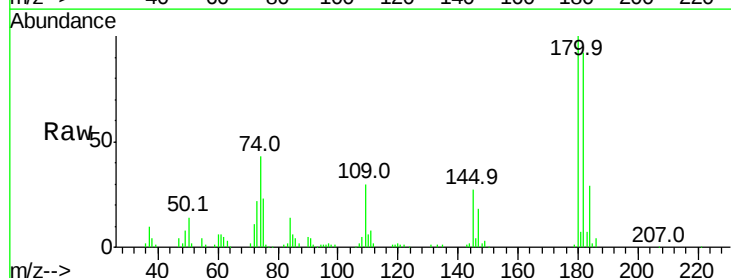
RT: 10.42 min Scan# 1246

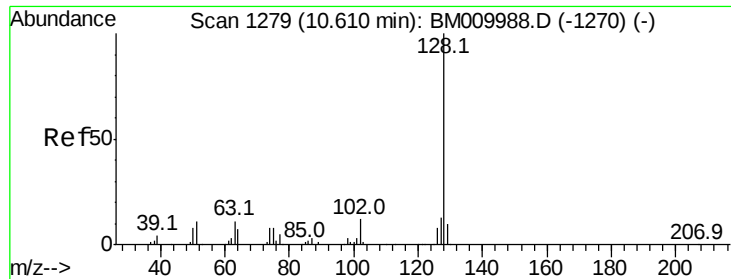
Delta R.T. -0.03 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	213135		
182	91.8	77.6	116.4	
145	27.5	23.4	35.2	





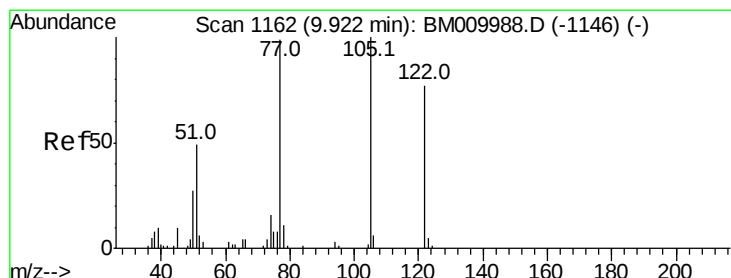
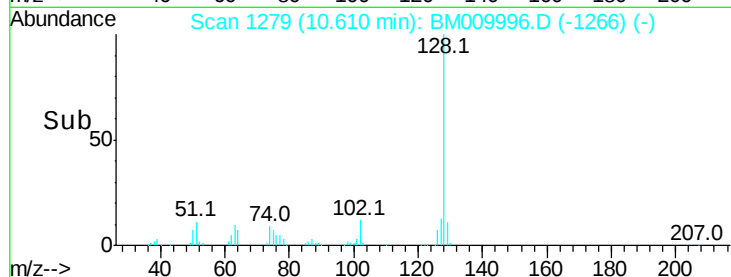
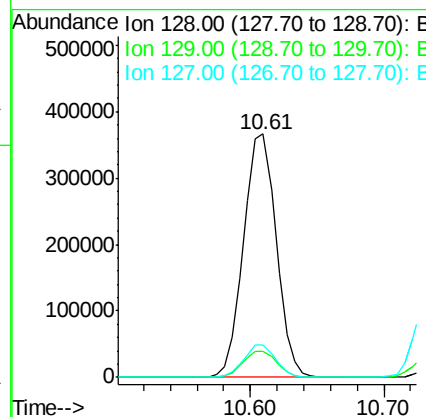
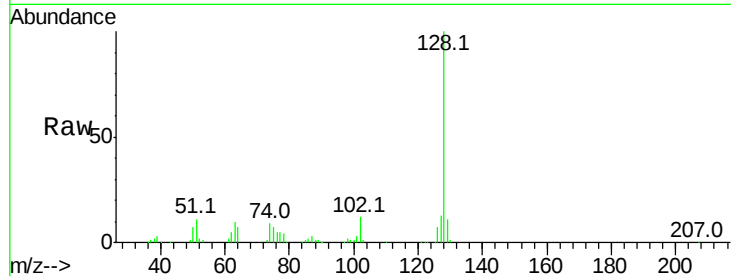
#31
Naphthalene
Concen: 41.60 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.3	10.4	15.6

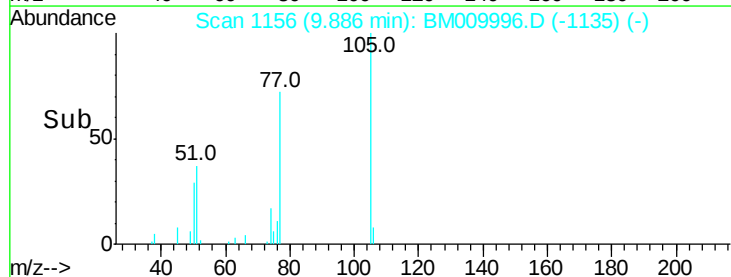
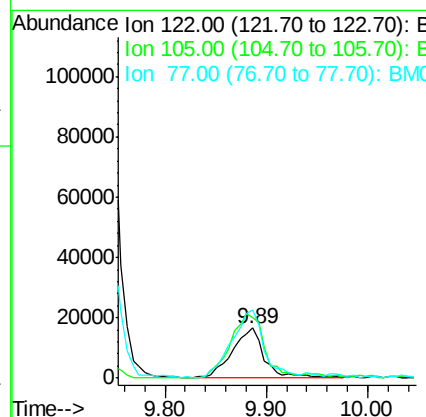
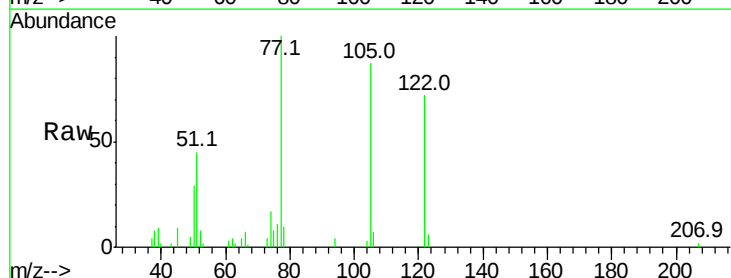
Manual Integrations
APPROVED

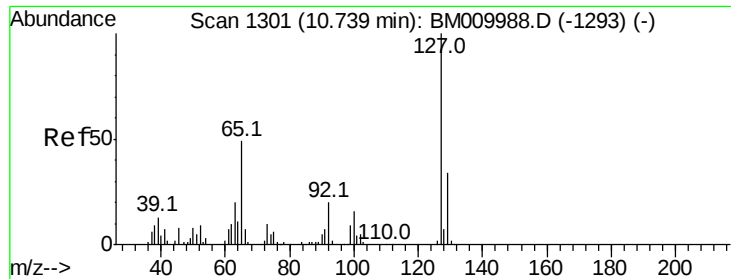
mohammad
5/12/2017 4:30:14 PM



#32
Benzoic acid
Concen: 12.40 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.08 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	99.9	139.9
77	138.2	73.7	113.7#





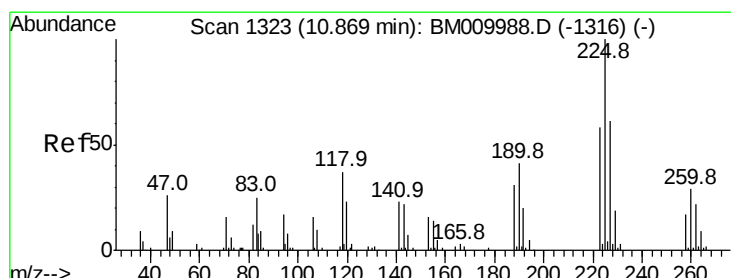
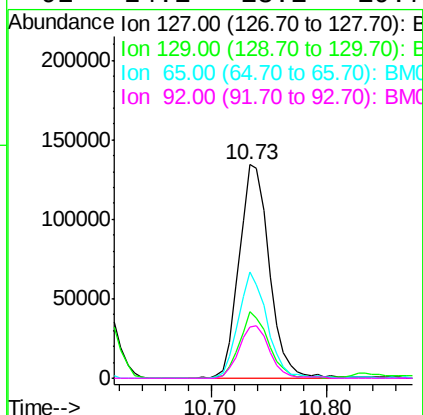
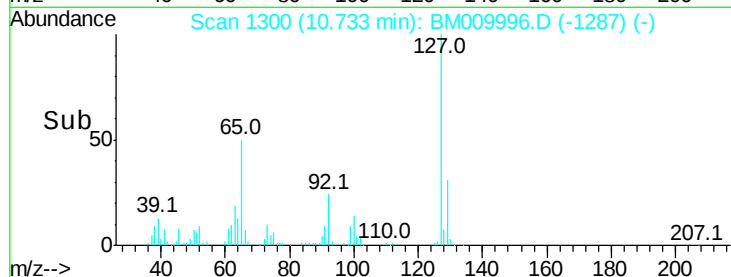
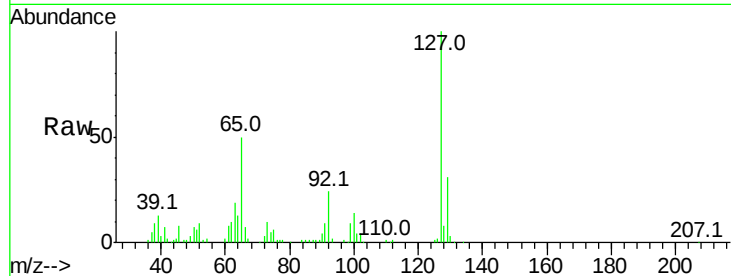
#33
4-Chloroaniline
Concen: 38.63 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	25.3	37.9	
65	49.8	17.6	26.4	
92	24.1	13.1	19.7	

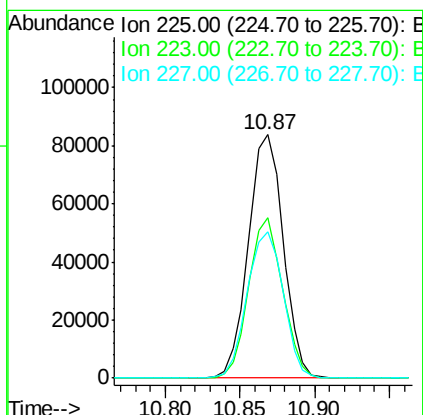
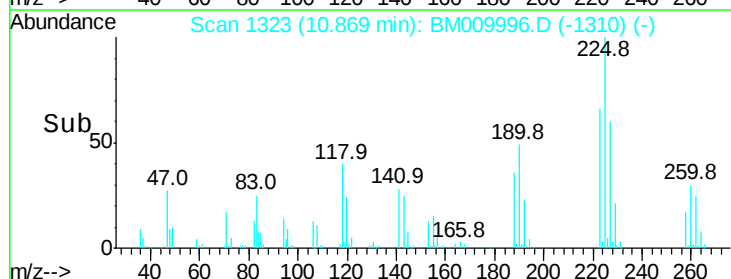
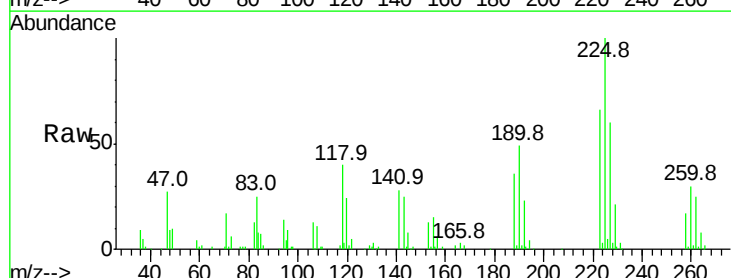
Manual Integrations
APPROVED

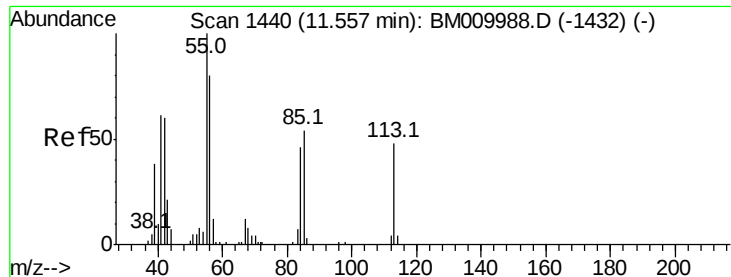
mohammad
5/12/2017 4:30:14 PM



#34
Hexachlorobutadiene
Concen: 39.39 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.0	47.9	71.9	
227	59.9	50.1	75.1	





#35

Caprolactam

Concen: 5.77 ng/ml

RT: 11.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

ClientSampleId :

LF017MW003-170508MS

Tot Ion:113 Resp: 9743

Ion Ratio Lower Upper

113 100

55 141.5 145.9 185.9#

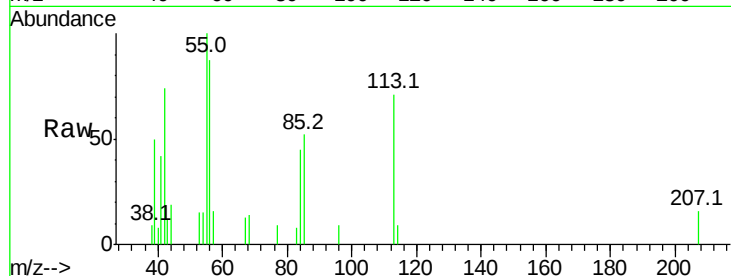
56 123.6 101.0 141.0

Manual Integrations

APPROVED

mohammad

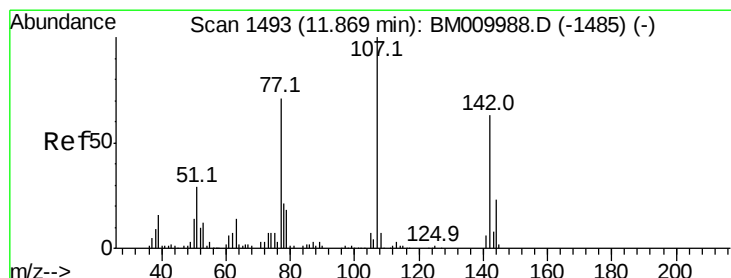
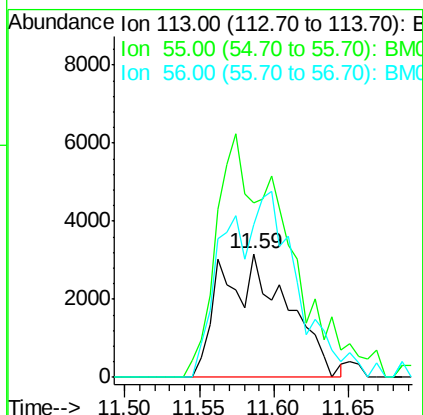
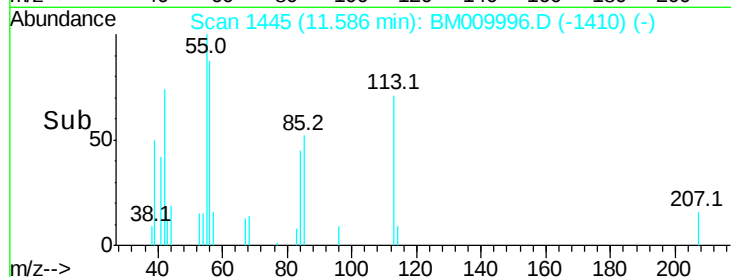
5/12/2017 4:30:14 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.34 ng/ml

RT: 11.86 min Scan# 1492

Delta R.T. -0.03 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

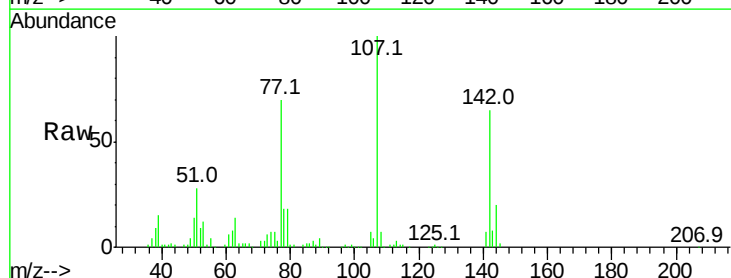
Tgt Ion:107 Resp: 233052

Ion Ratio Lower Upper

107 100

144 19.8 23.3 34.9#

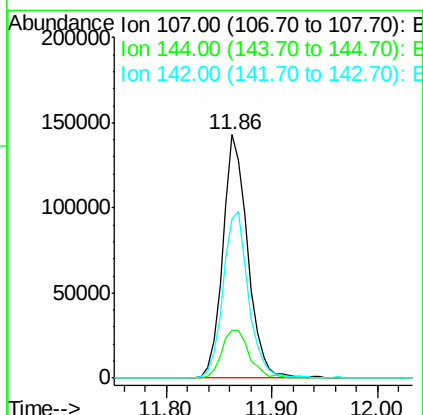
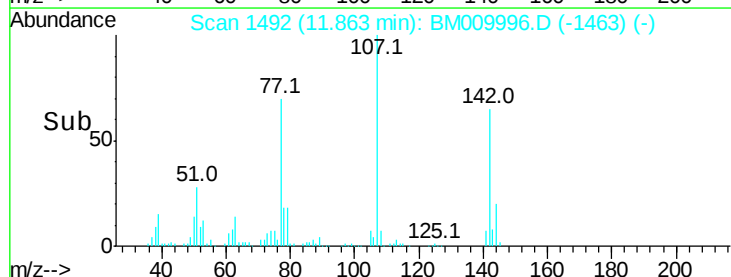
142 65.1 72.6 109.0#

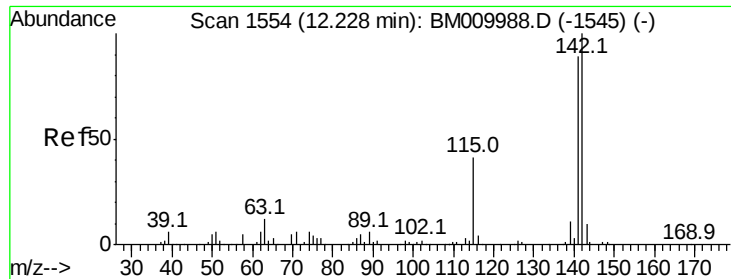


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





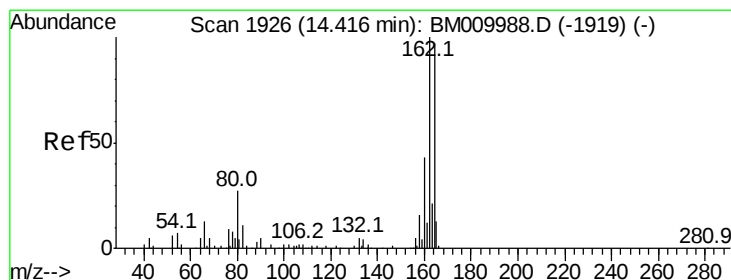
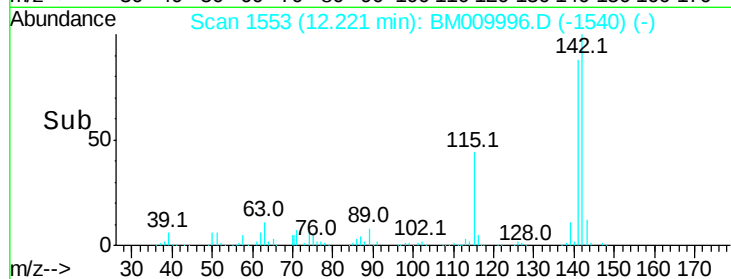
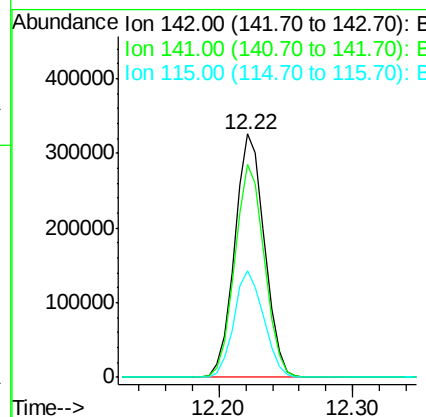
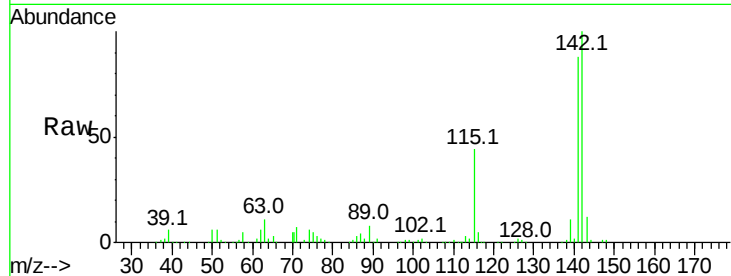
#37
2-Methylnaphthalene
Concen: 47.50 ng
RT: 12.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.9	107.9
115	43.9	25.4	38.0

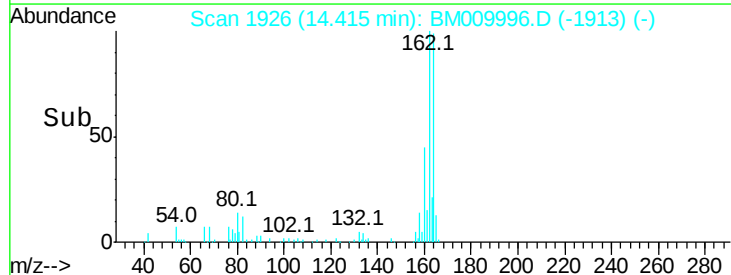
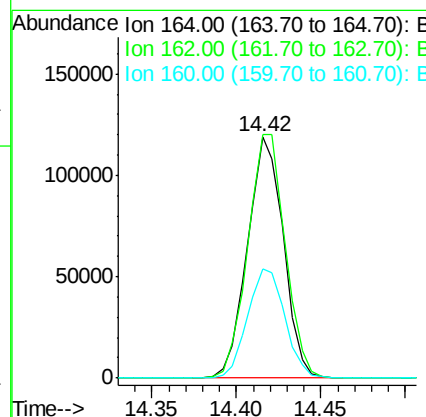
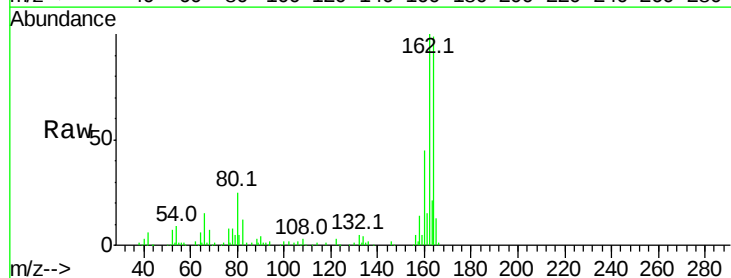
Manual Integrations
APPROVED

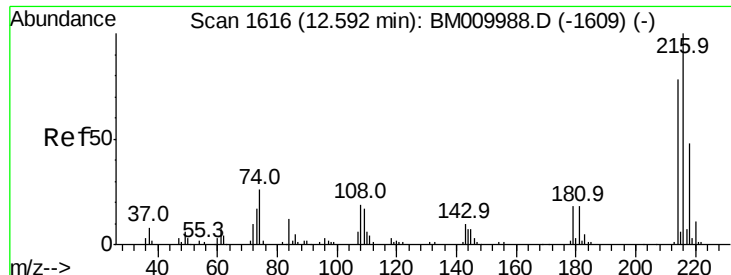
mohammad
5/12/2017 4:30:14 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	45.1	35.8	53.6





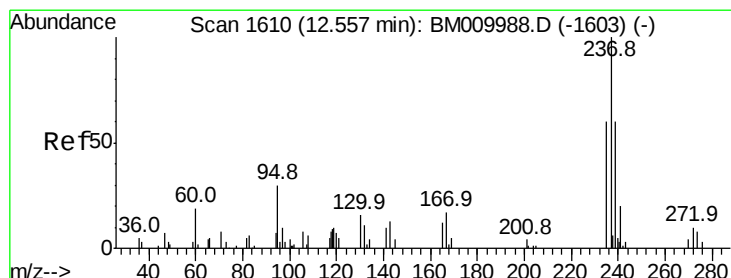
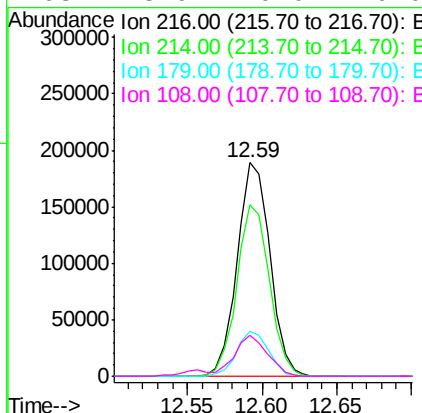
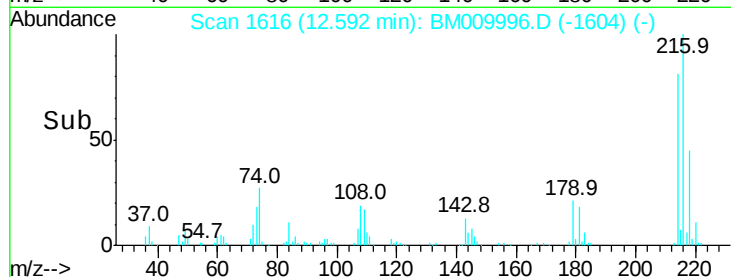
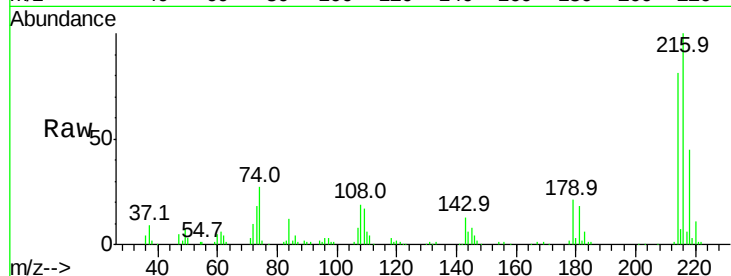
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.03 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	0.0	0.0#
179	20.5	0.0	0.0#
108	18.9	0.0	0.0#

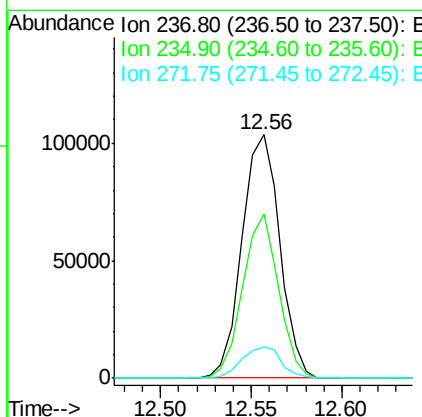
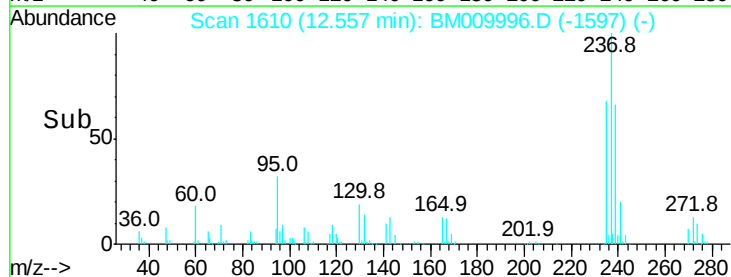
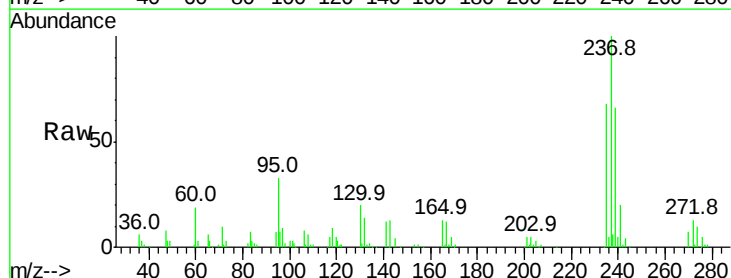
Manual Integrations
 APPROVED

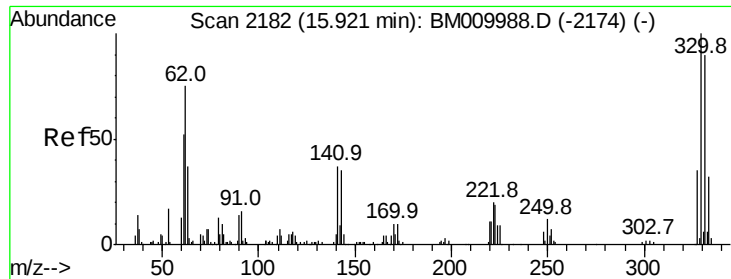
mohammad
 5/12/2017 4:30:14 PM



#40
 Hexachlorocyclopentadiene
 Concen: 87.00 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	67.6	42.0	82.0
272	12.7	0.0	33.4





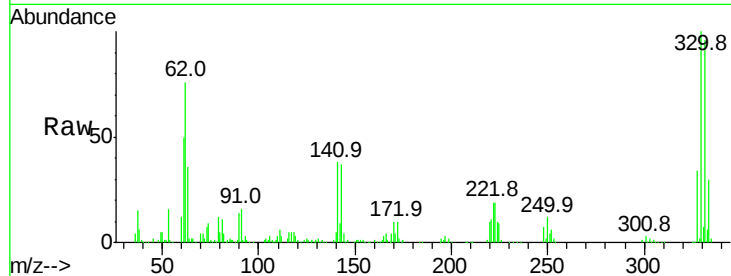
#41
 2,4,6-Tribromophenol
 Concen: 171.09 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

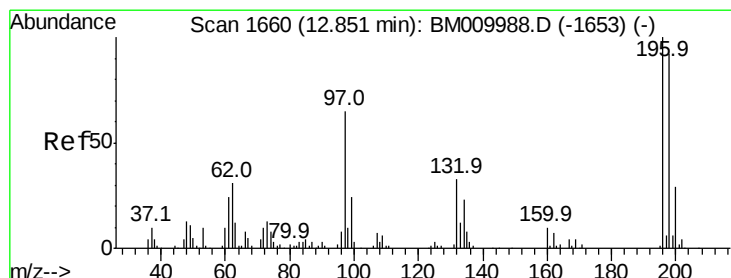
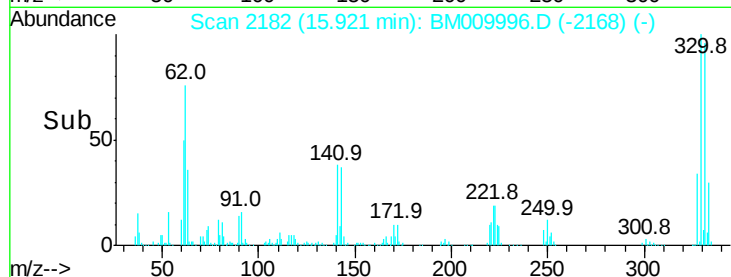
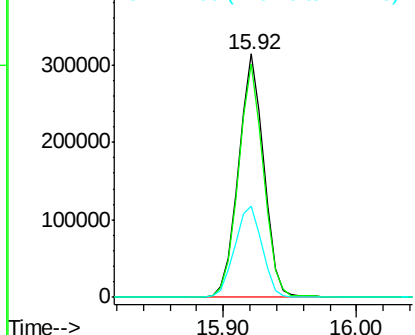
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	0.0	0.0	0.0
141	40.8	0.0	0.0	0.0

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:14 PM



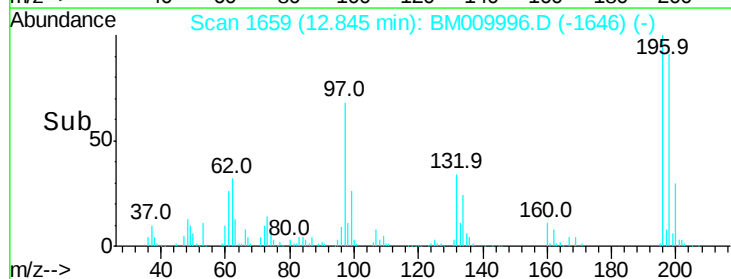
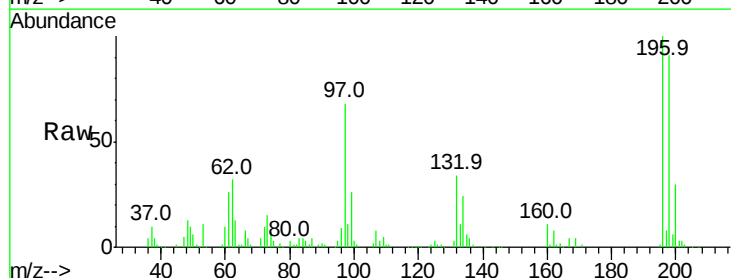
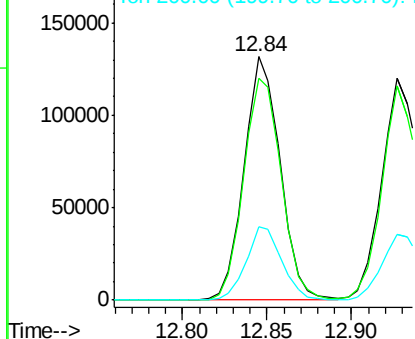
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.57 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	91.2	76.3	114.5	
200	30.3	25.6	38.4	

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





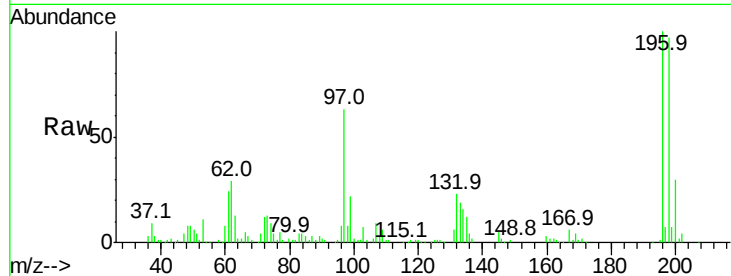
#43
 2,4,5-Trichlorophenol
 Concen: 47.22 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.03 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

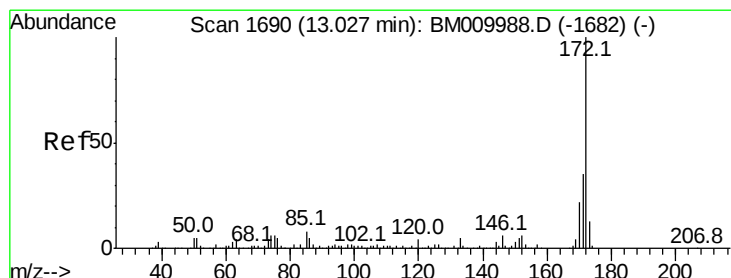
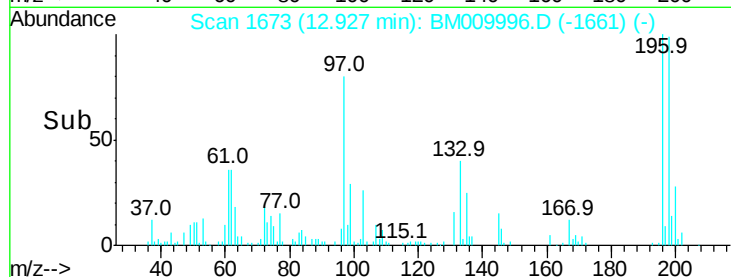
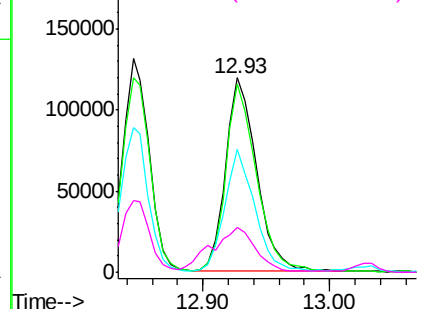
Tot Ion	Ratio	Resp	Lower	Upper
196	100	202444		
198	96.6	79.4	119.0	
97	63.0	26.8	40.2#	
132	23.3	18.6	28.0	

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:14 PM

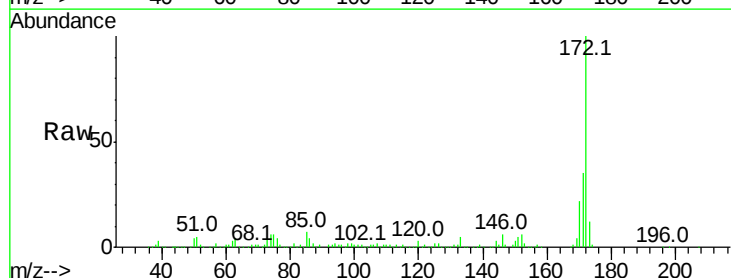


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

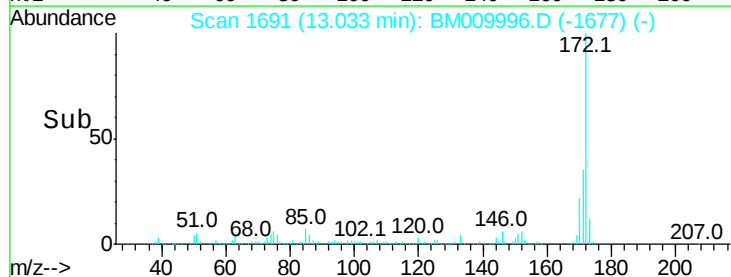
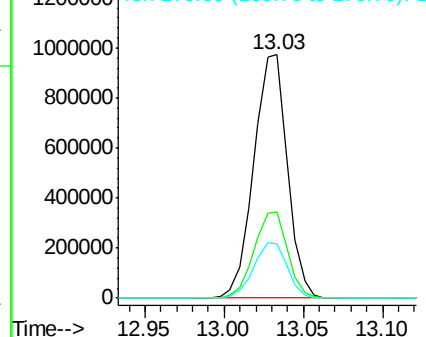


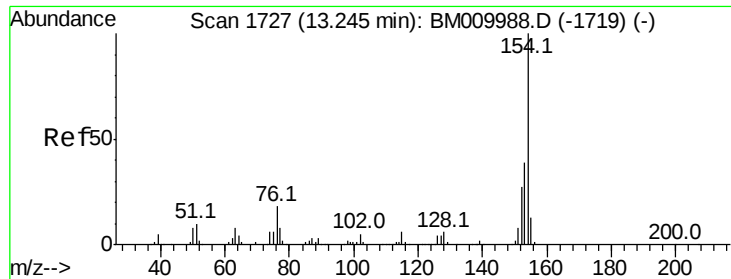
#44
 2-Fluorobiphenyl
 Concen: 108.80 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1433058		
171	35.4	28.5	42.7	
170	22.3	18.8	28.2	



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





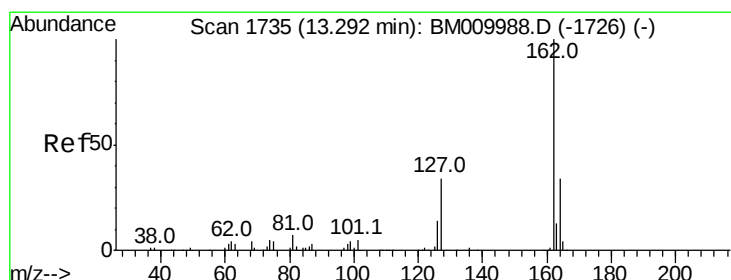
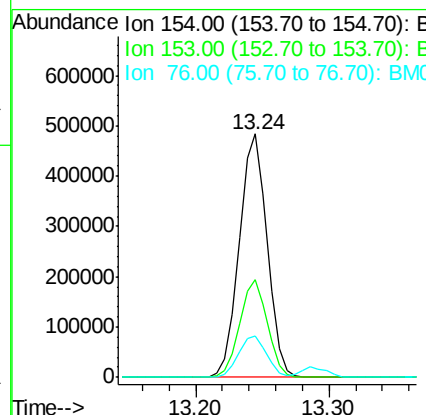
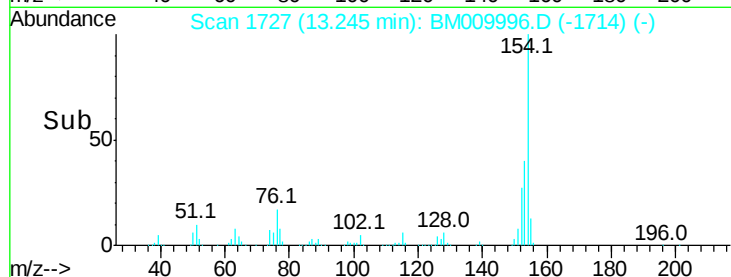
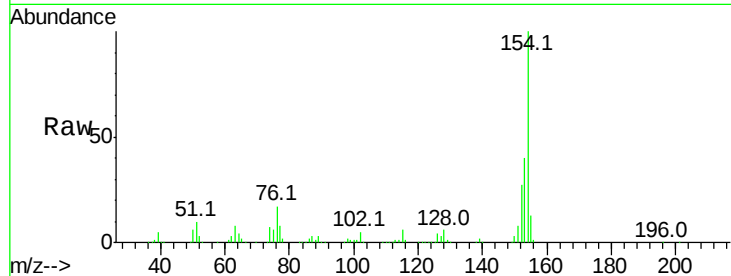
#45
 1,1'-Biphenyl
 Concen: 47.68 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	698861		
153	40.2	20.7	60.7	
76	17.1	0.0	30.9	

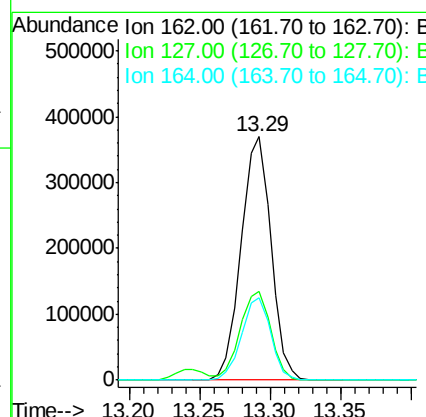
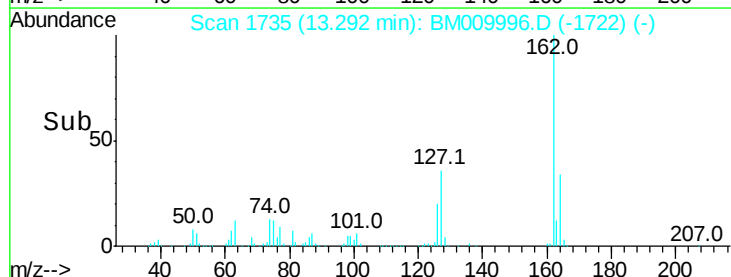
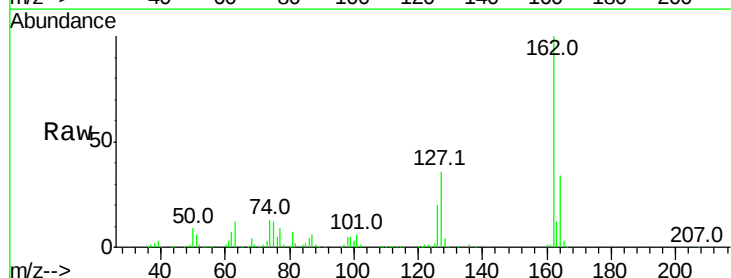
Manual Integrations
 APPROVED

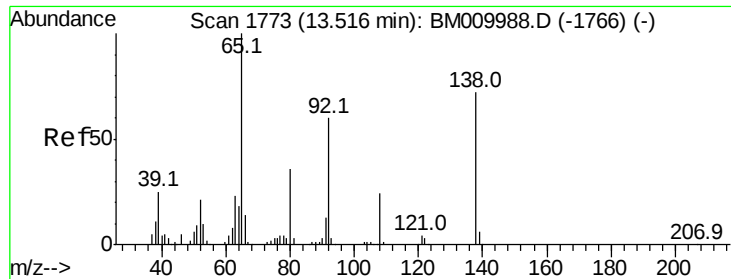
mohammad
 5/12/2017 4:30:14 PM



#46
 2-Chloronaphthalene
 Concen: 47.56 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	547823		
127	36.3	26.9	40.3	
164	34.0	26.8	40.2	





#47

2-Nitroaniline

Concen: 48.95 ng

RT: 13.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

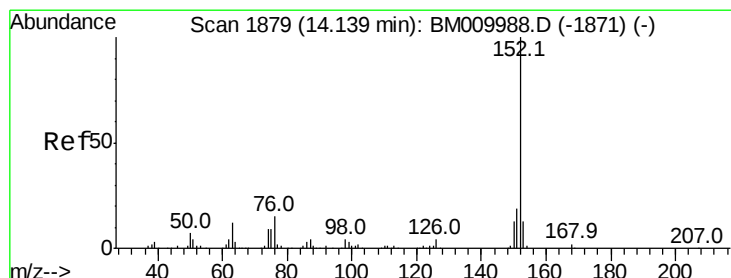
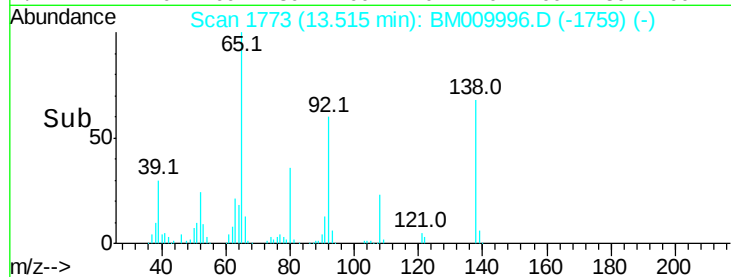
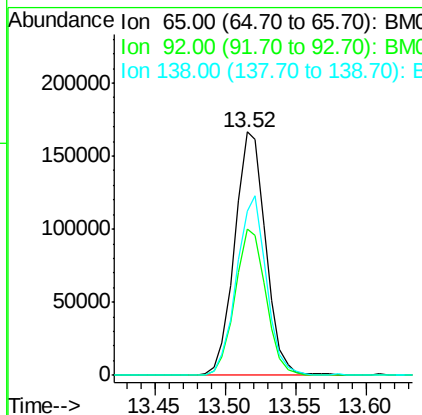
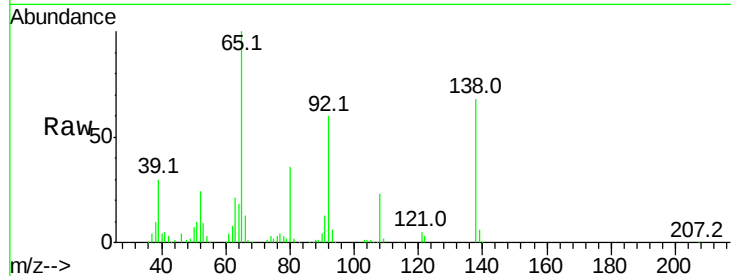
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	65	Resp:	255270
Ion Ratio	Lower	Upper	
65	100		
92	60.0	59.1	88.7
138	67.7	93.9	140.9

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#48

Acenaphthylene

Concen: 49.46 ng

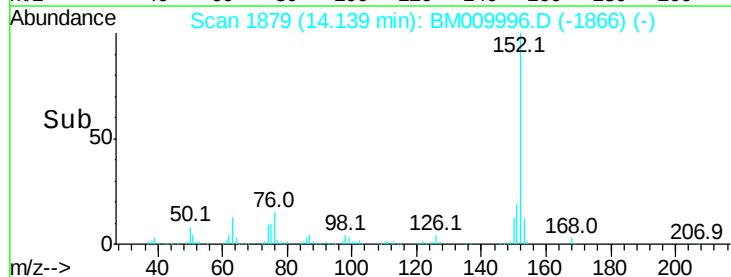
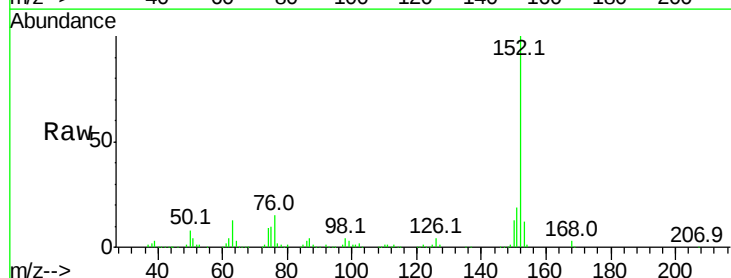
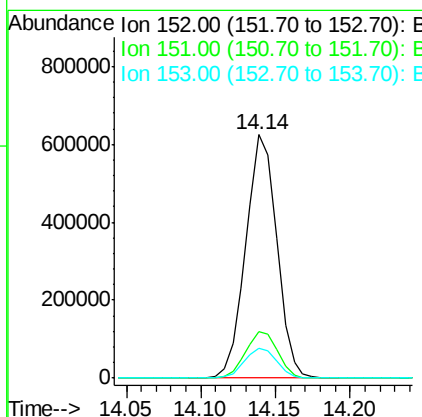
RT: 14.14 min Scan# 1879

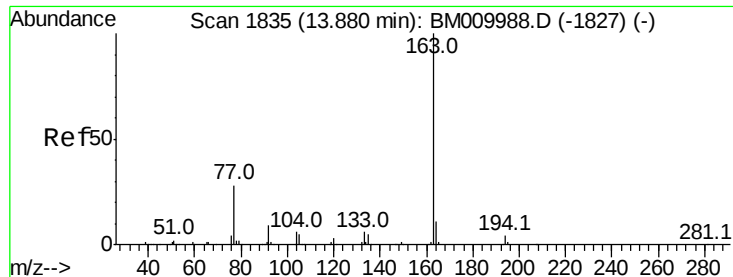
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	152	Resp:	897240
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.9	23.9
153	12.3	10.6	16.0





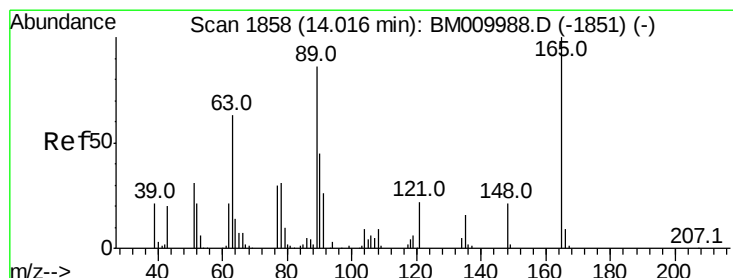
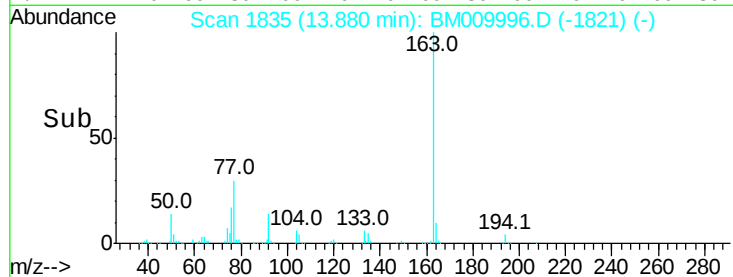
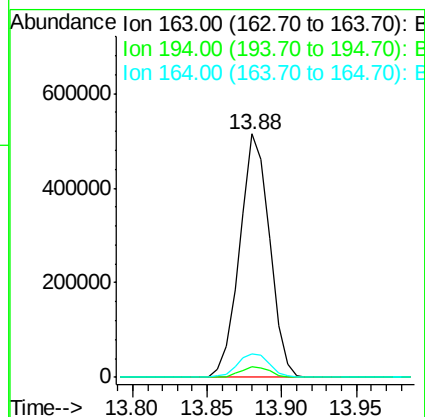
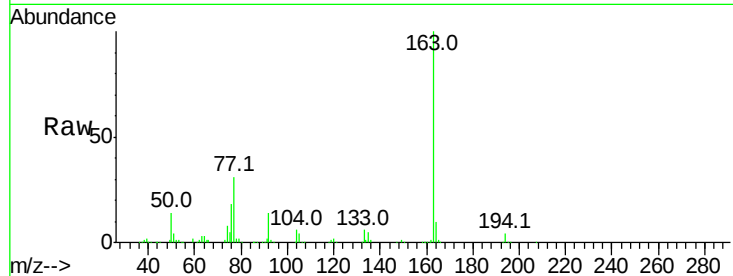
#49
Dimethylphthalate
Concen: 46.11 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	9.8	8.2	12.2	

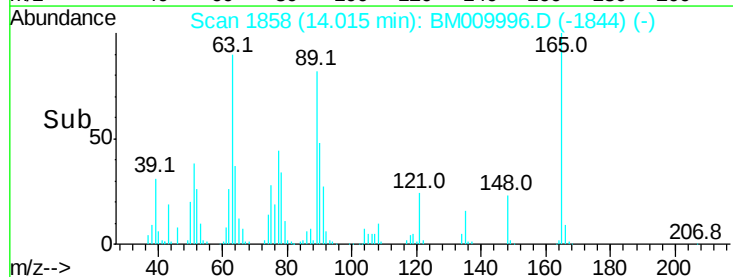
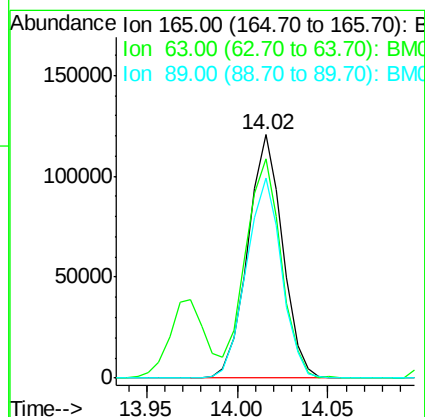
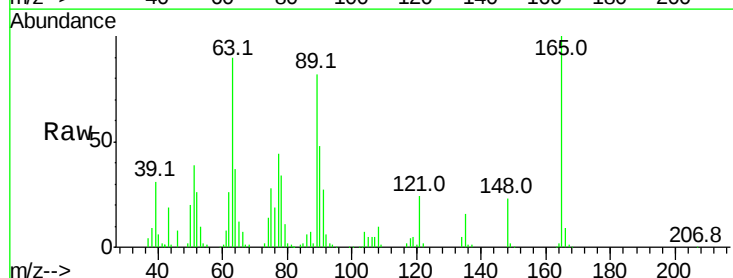
Manual Integrations
APPROVED

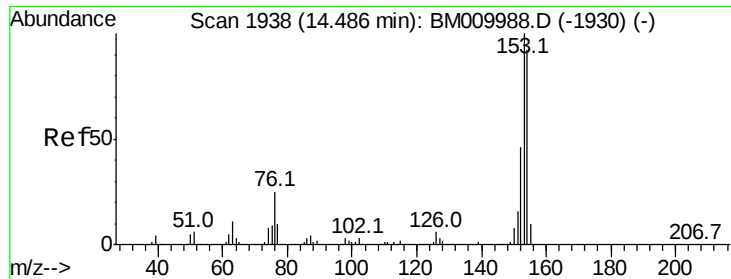
mohammad
5/12/2017 4:30:14 PM



#50
2,6-Dinitrotoluene
Concen: 50.92 ng
RT: 14.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	89.9	44.1	66.1#	
89	82.3	44.3	66.5#	





#51

Acenaphthene

Concen: 48.06 ng

RT: 14.48 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

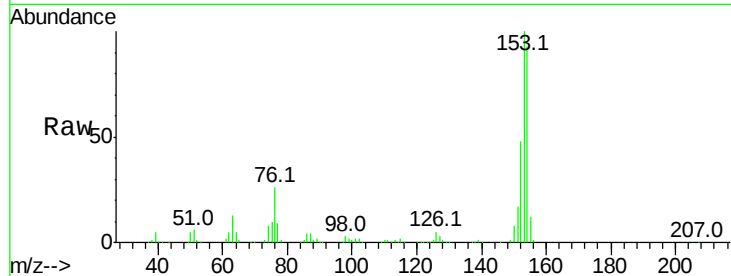
ClientSampleId :

LF017MW003-170508MS

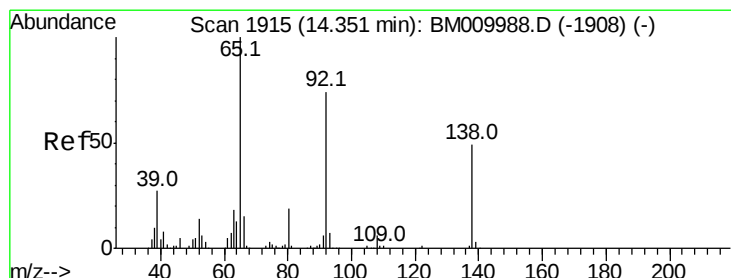
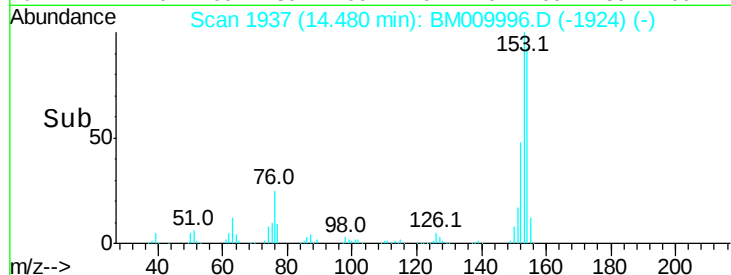
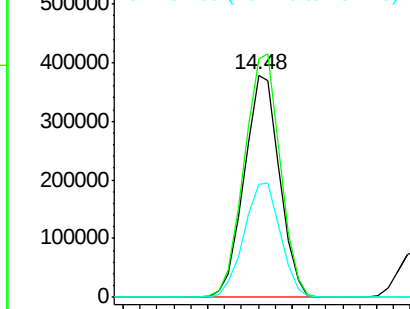
Tot Ion:	154	Resp:	549411
Ion Ratio	Lower	Upper	
154	100		
153	107.0	90.0	135.0
152	51.0	42.6	63.8

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



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: 40.93 ng

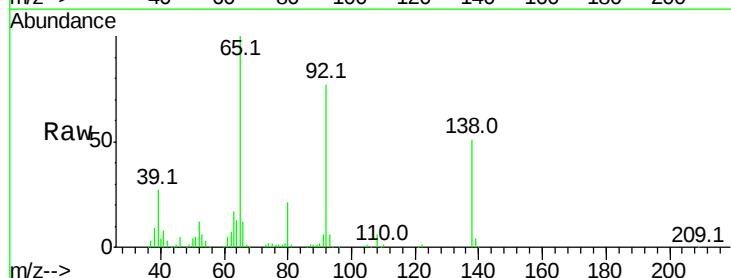
RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

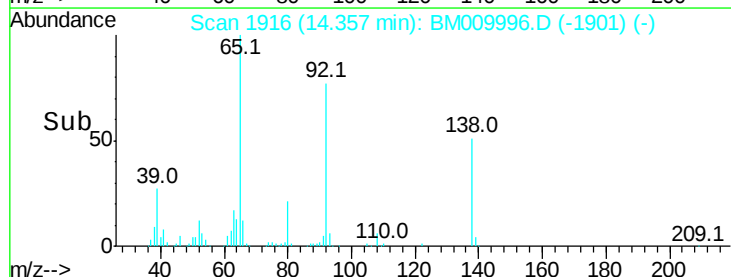
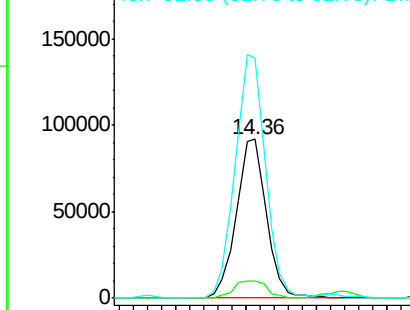
Lab File: BM009996.D

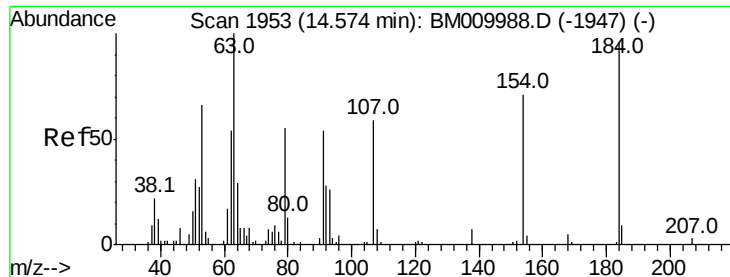
Acq: 11 May 2017 22:06

Tgt Ion:	138	Resp:	136787
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.3	10.9#
92	150.8	76.6	114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





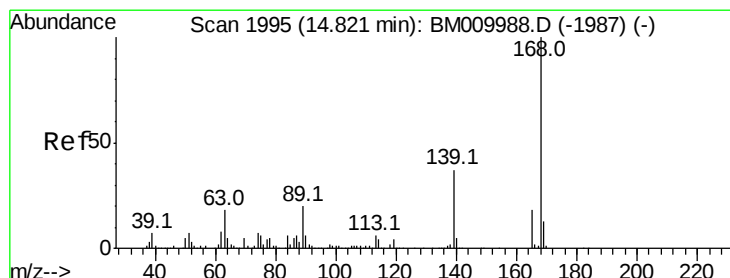
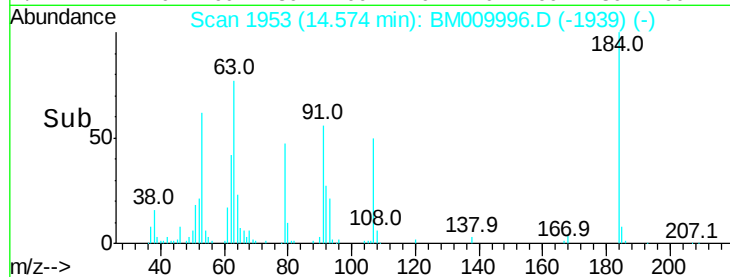
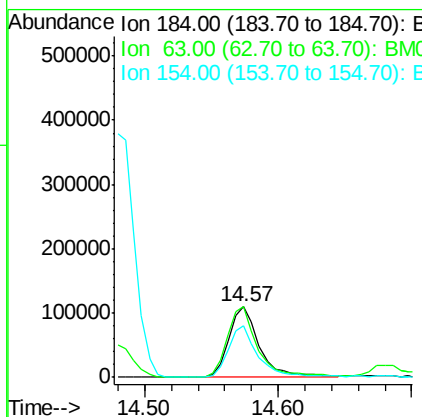
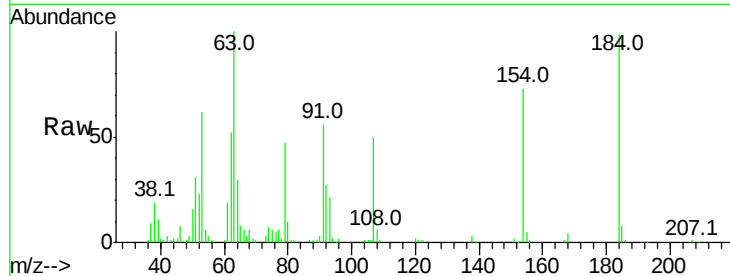
#53
2,4-Dinitrophenol
Concen: 92.30 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	100.7	69.2	103.8
154	73.1	53.3	79.9

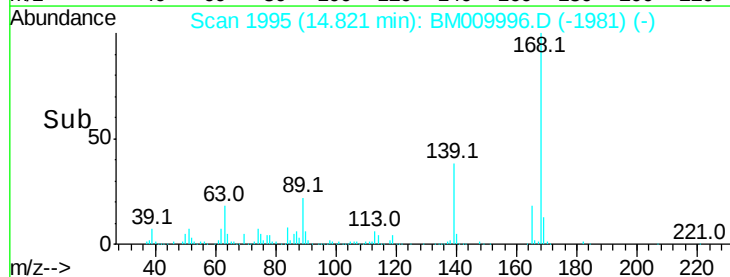
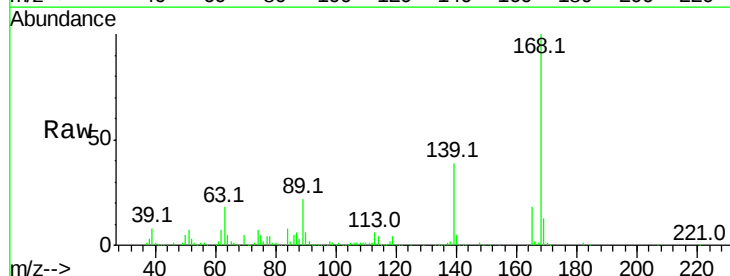
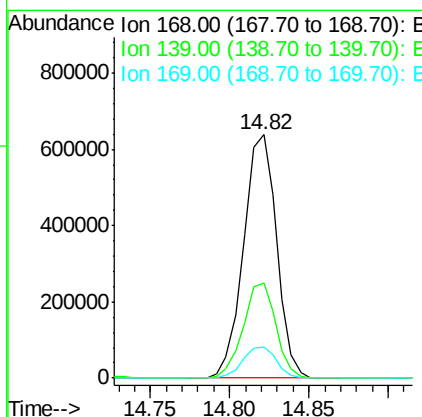
Manual Integrations
APPROVED

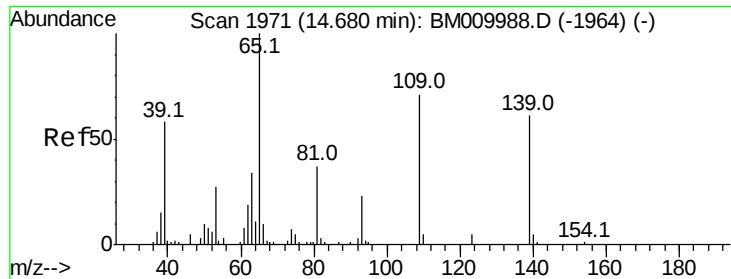
mohammad
5/12/2017 4:30:14 PM



#54
Dibenzofuran
Concen: 52.83 ng
RT: 14.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	27.3	40.9
169	12.9	10.6	16.0





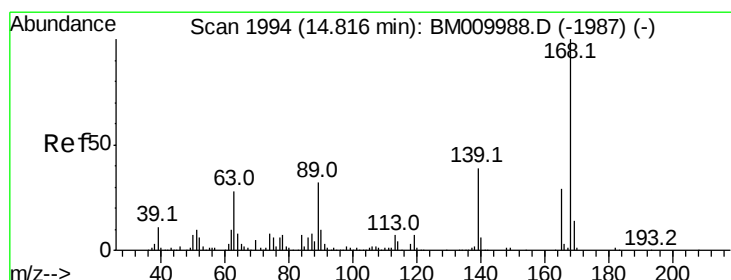
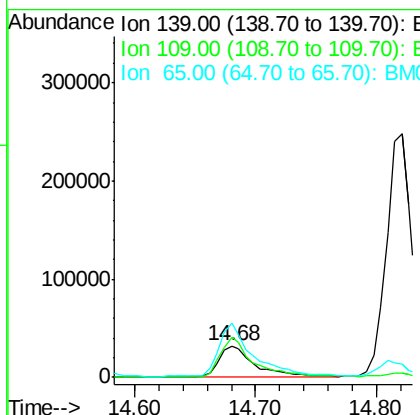
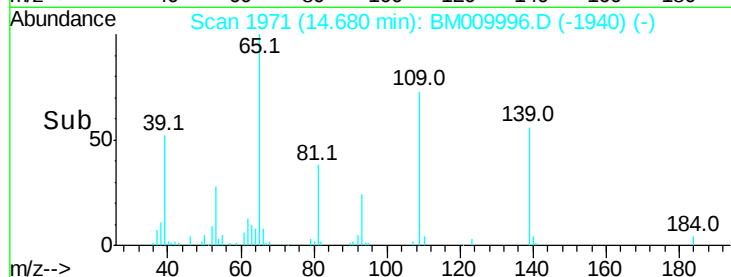
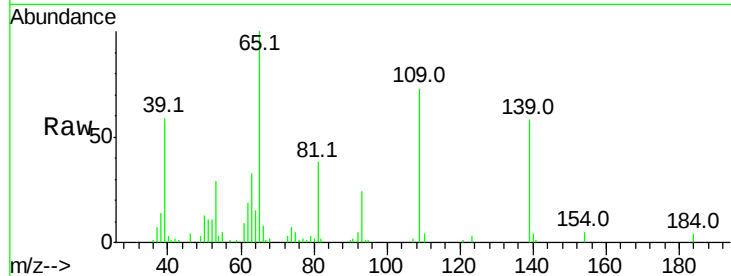
#55
4-Nitrophenol
Concen: 29.58 ng
RT: 14.68 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	127.4	37.7	77.7#	
65	173.6	49.9	89.9#	

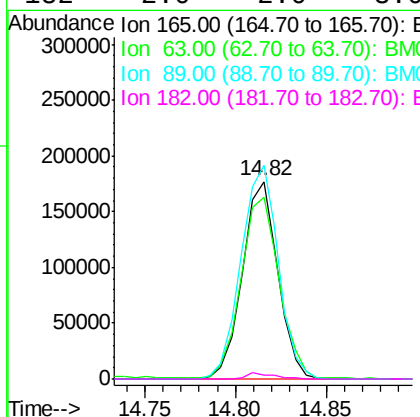
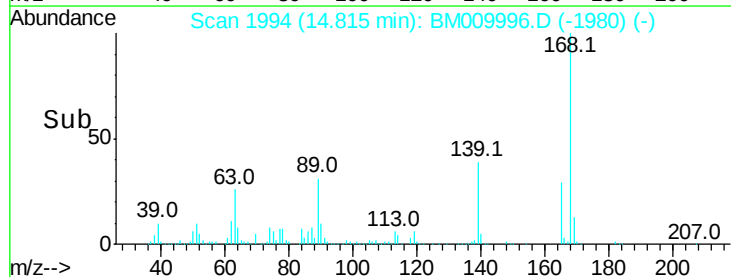
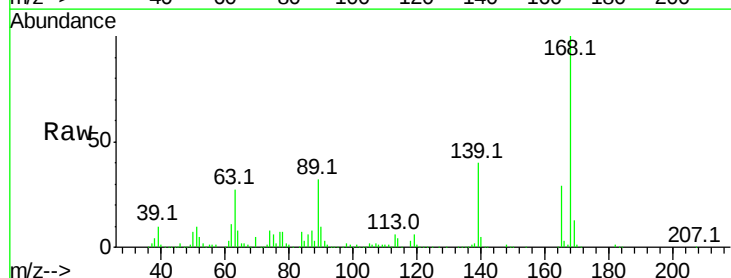
Manual Integrations
APPROVED

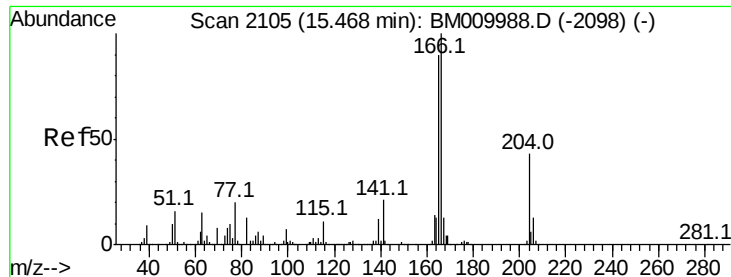
mohammad
5/12/2017 4:30:14 PM



#56
2,4-Dinitrotoluene
Concen: 51.47 ng
RT: 14.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	92.1	52.4	78.6#	
89	108.2	72.4	108.6	
182	2.0	2.0	3.0#	





#57

Fluorene

Concen: 50.32 ng

RT: 15.47 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

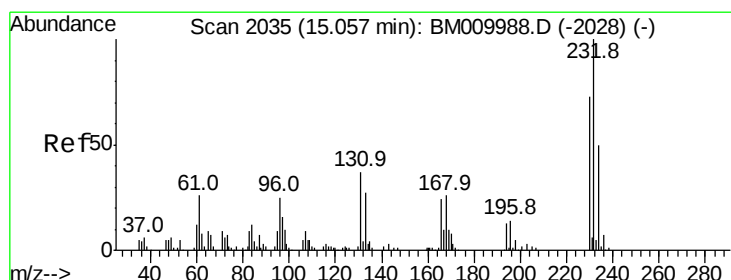
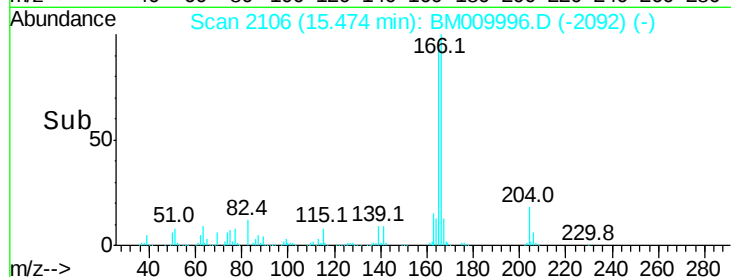
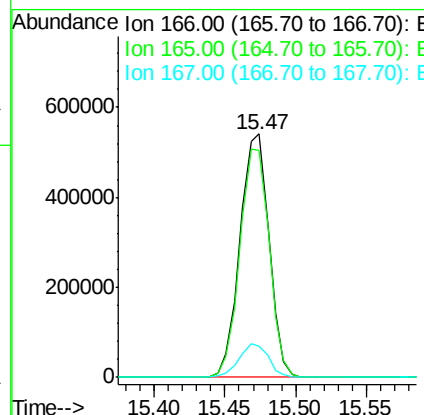
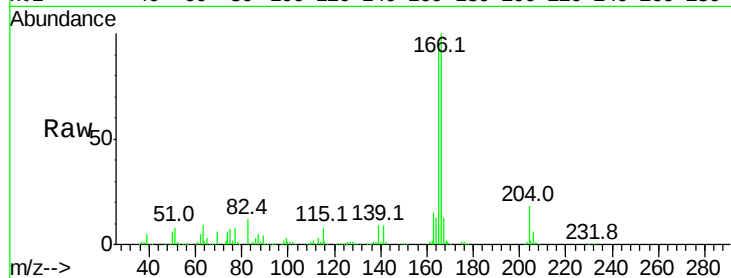
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	166	Resp:	777002
Ion Ratio	Lower	Upper	
166	100		
165	93.1	79.0	118.4
167	12.8	10.3	15.5

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.06 ng

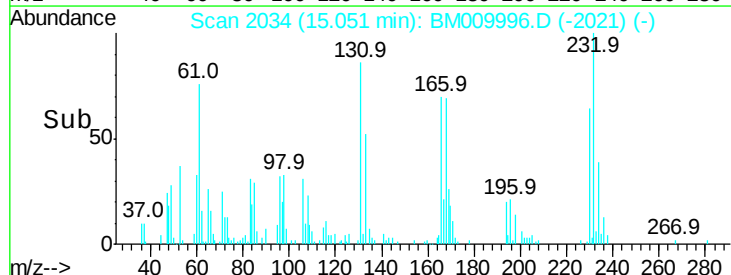
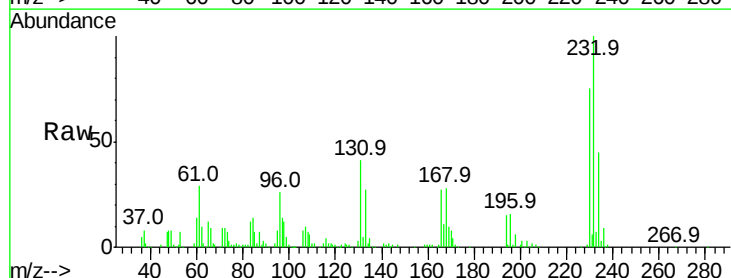
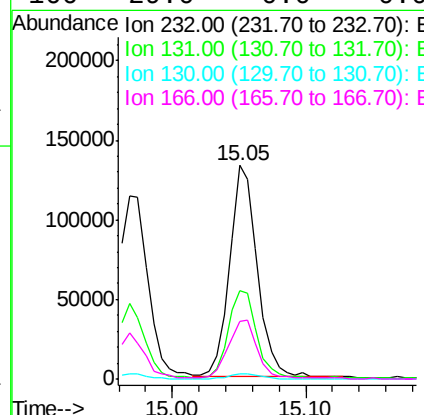
RT: 15.05 min Scan# 2034

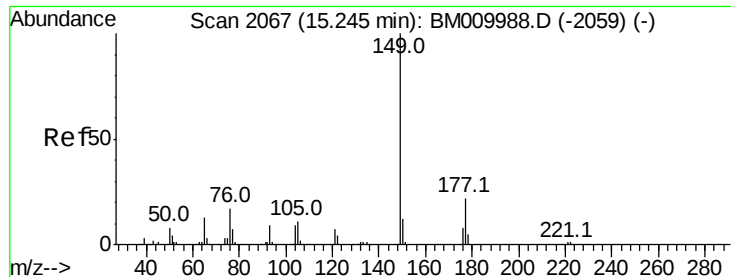
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	232	Resp:	192838
Ion Ratio	Lower	Upper	
232	100		
131	42.5	0.0	0.0#
130	2.6	0.0	0.0#
166	29.0	0.0	0.0#





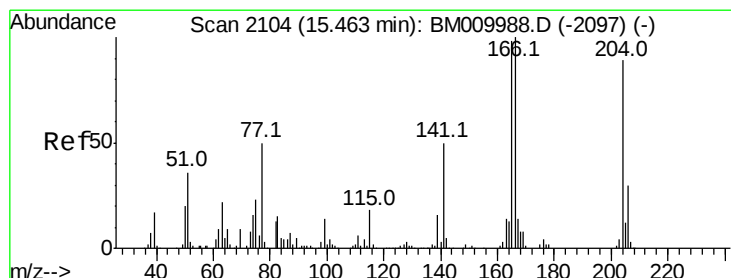
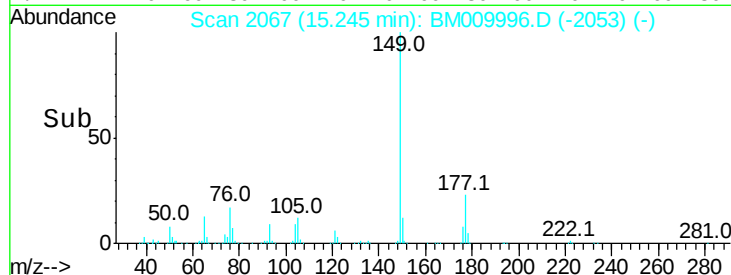
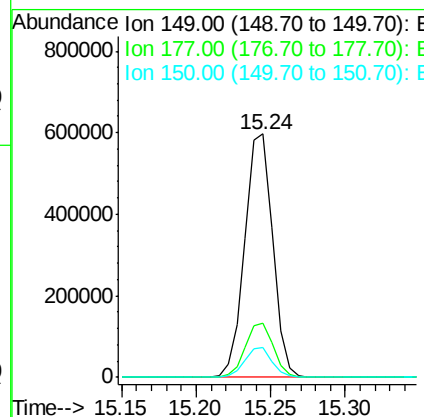
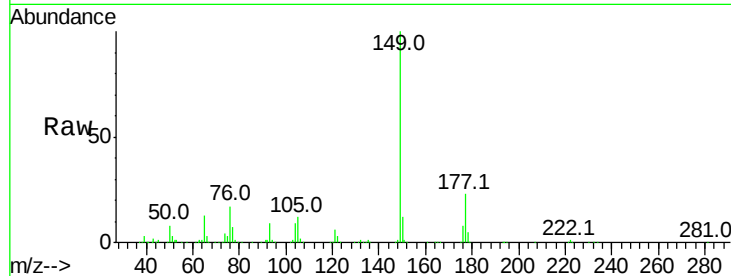
#59
Diethylphthalate
Concen: 47.48 ng
RT: 15.24 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.3	27.5
150	12.1	9.8	14.8

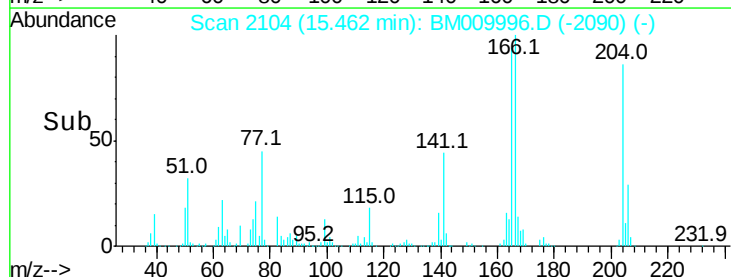
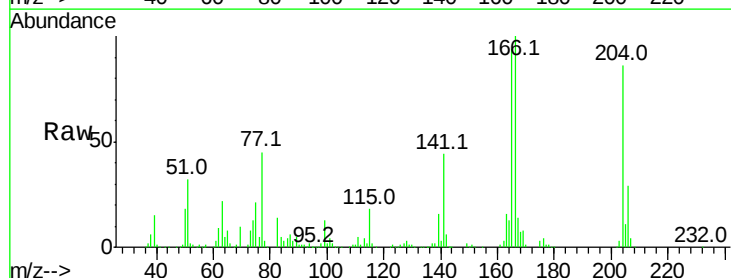
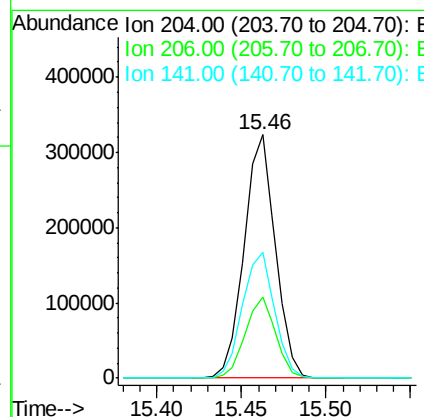
Manual Integrations
APPROVED

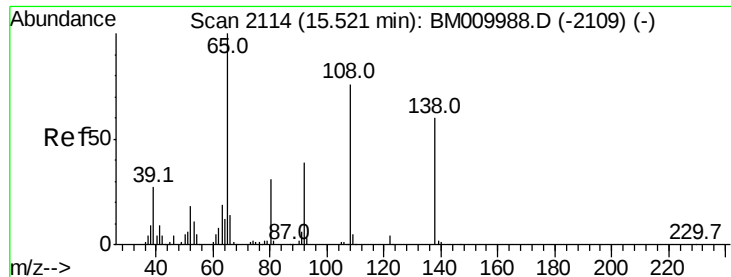
mohammad
5/12/2017 4:30:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.28 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	51.8	45.2	67.8





#61

4-Nitroaniline

Concen: 46.99 ng

RT: 15.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

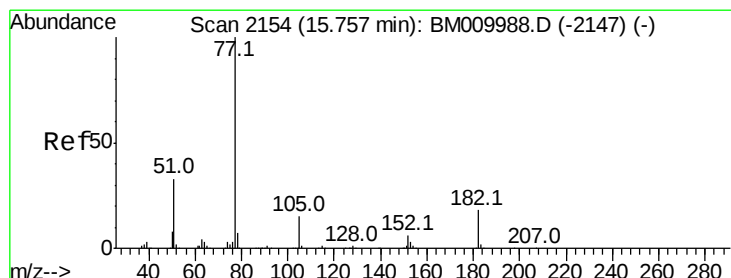
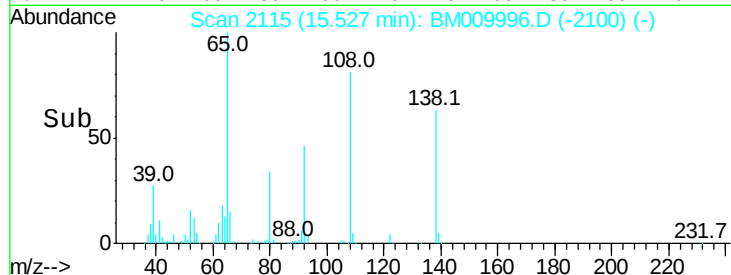
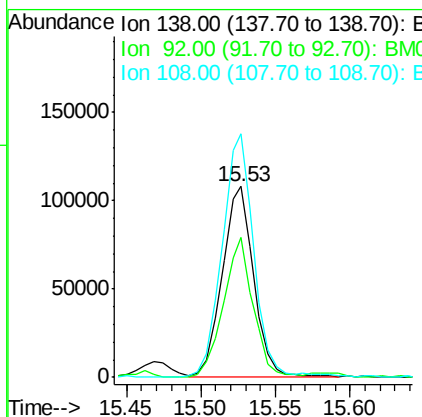
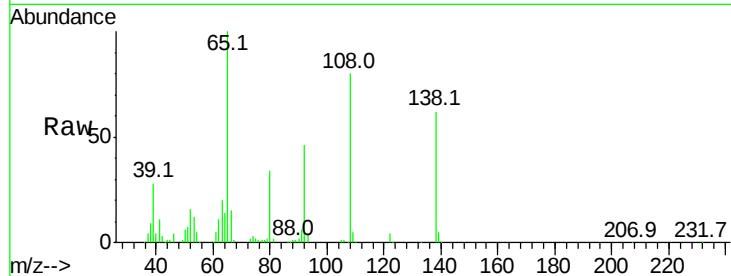
ClientSampleId :

LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	73.5	16.7	56.7#
108	127.7	37.6	77.6#

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#62

Azobenzene

Concen: 56.19 ng

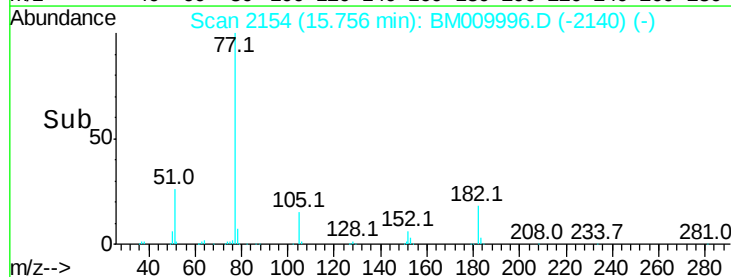
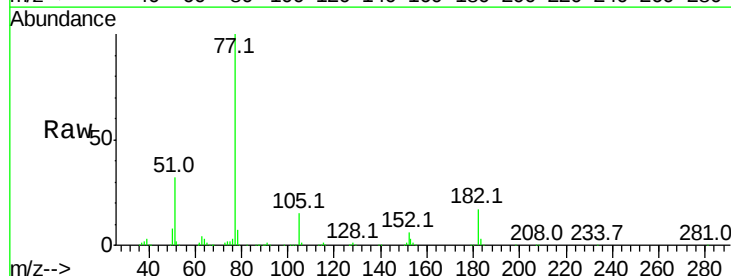
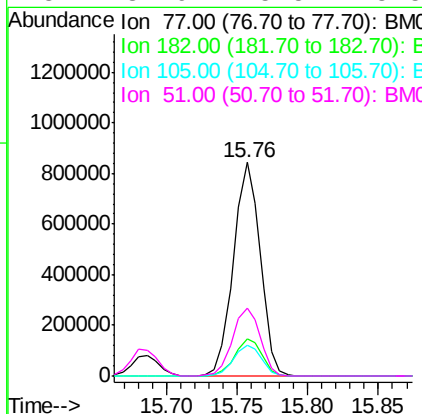
RT: 15.76 min Scan# 2154

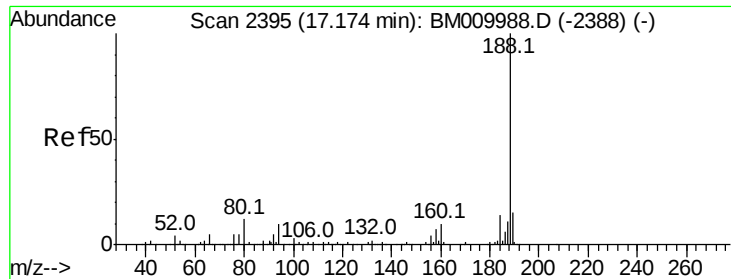
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.4	6.5	46.5
105	14.7	3.8	43.8
51	31.9	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2395

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

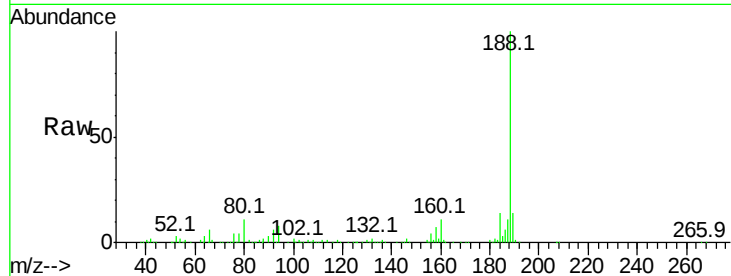
ClientSampleId :

LF017MW003-170508MS

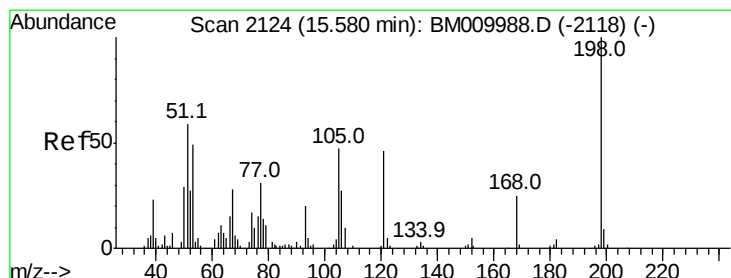
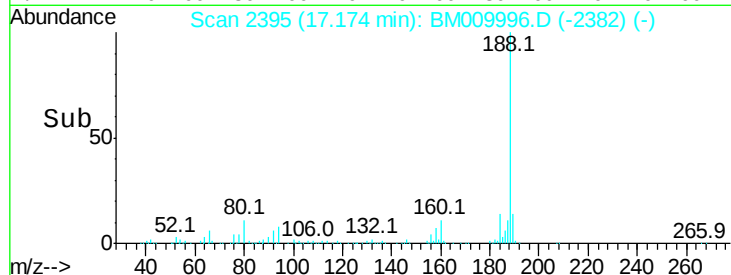
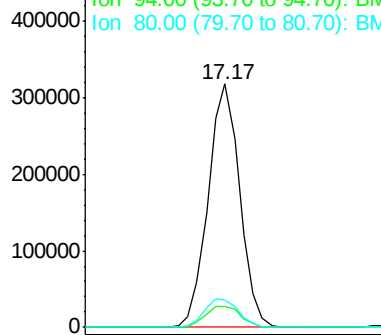
Tot Ion:188	Resp:	438691
Ion Ratio	Lower	Upper
188 100		
94 8.5	8.7	13.1#
80 11.1	9.3	13.9

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 45.58 ng

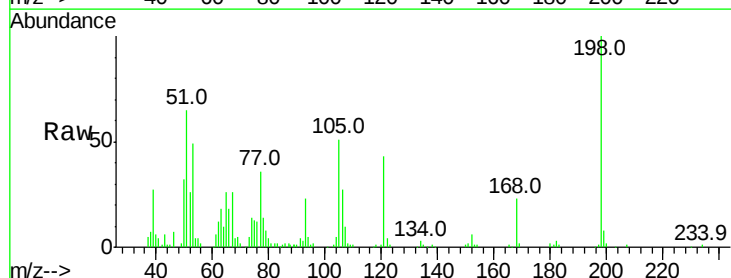
RT: 15.58 min Scan# 2124

Delta R.T. -0.02 min

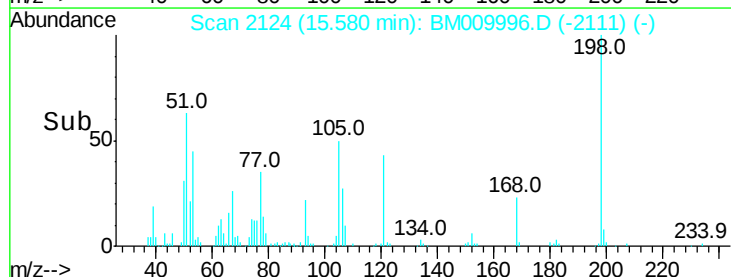
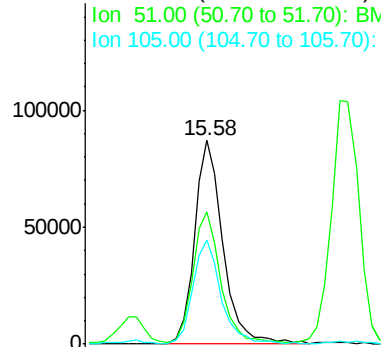
Lab File: BM009996.D

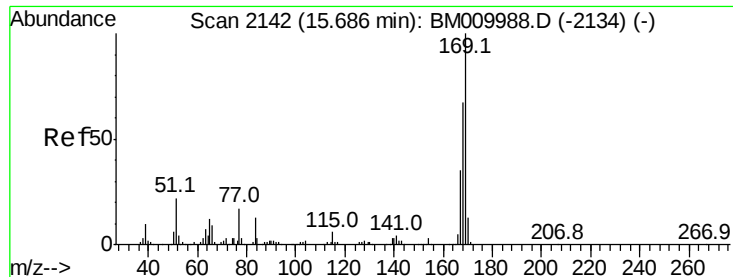
Acq: 11 May 2017 22:06

Tgt Ion:198	Resp:	130138
Ion Ratio	Lower	Upper
198 100		
51 64.8	28.8	68.8
105 50.8	30.5	70.5



Abundance Ion 198.00 (197.70 to 198.70): E





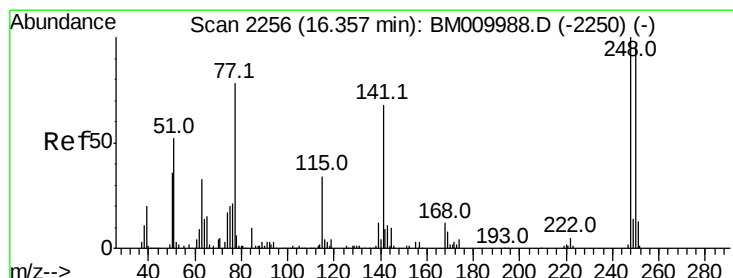
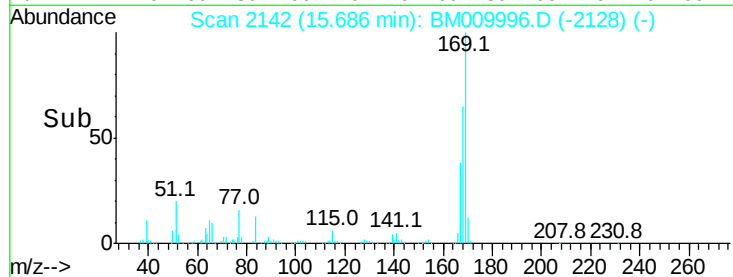
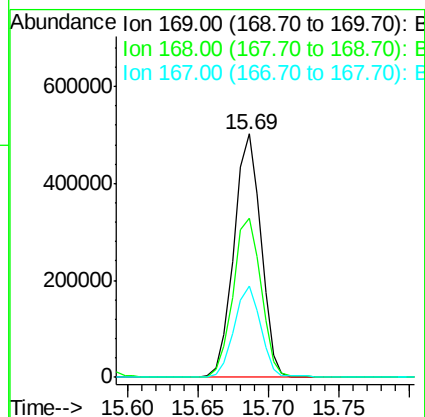
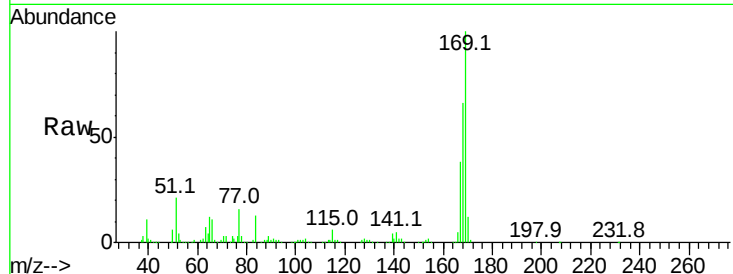
#65
n-Nitrosodiphenylamine
Concen: 49.16 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	669233		
168	65.5	53.9	80.9	
167	37.6	28.9	43.3	

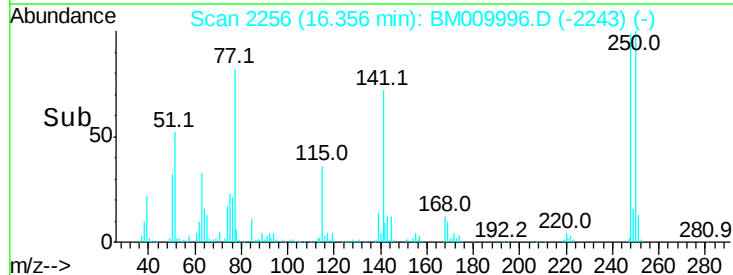
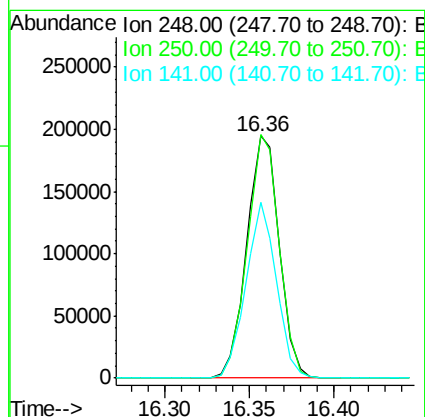
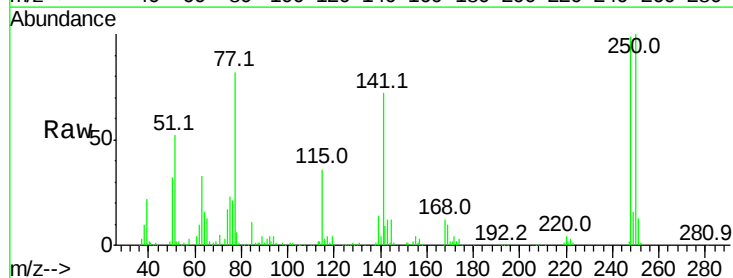
Manual Integrations
APPROVED

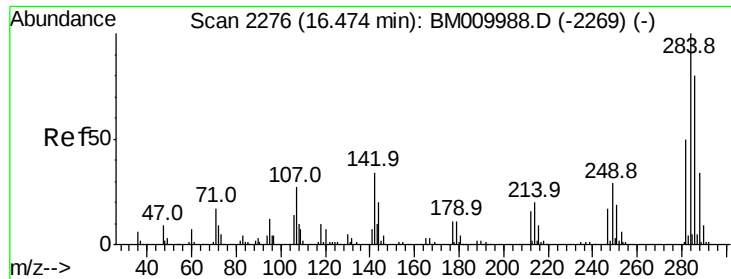
mohammad
5/12/2017 4:30:14 PM



#66
4-Bromophenyl-phenylether
Concen: 50.23 ng
RT: 16.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	261701		
250	100.6	77.4	116.0	
141	72.7	45.2	67.8	





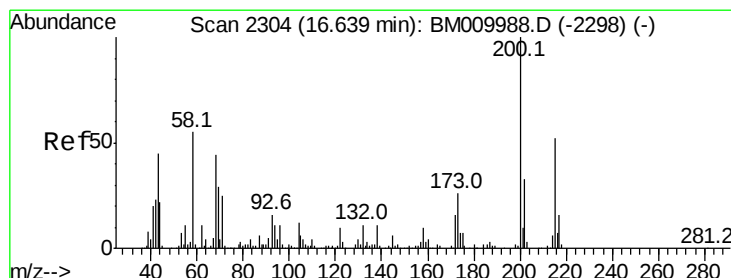
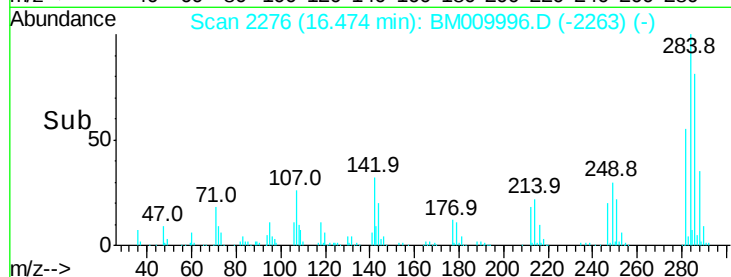
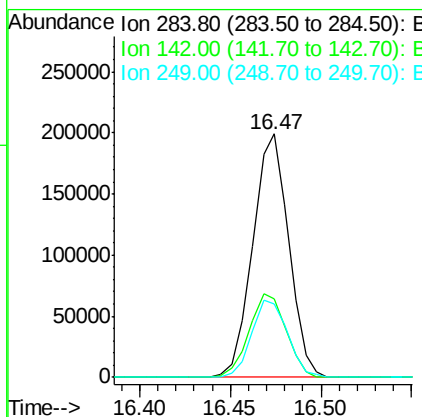
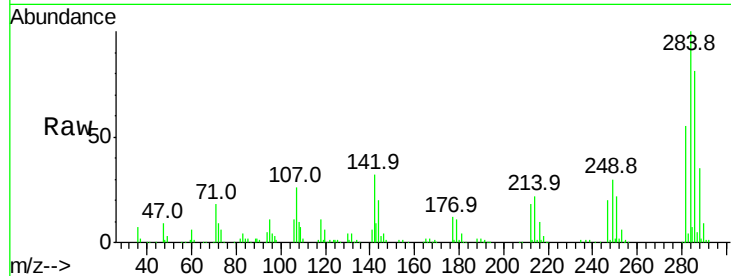
#67
Hexachlorobenzene
Concen: 47.44 ng
RT: 16.47 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	274352		
142	32.1	20.4	30.6	#
249	30.1	23.8	35.6	

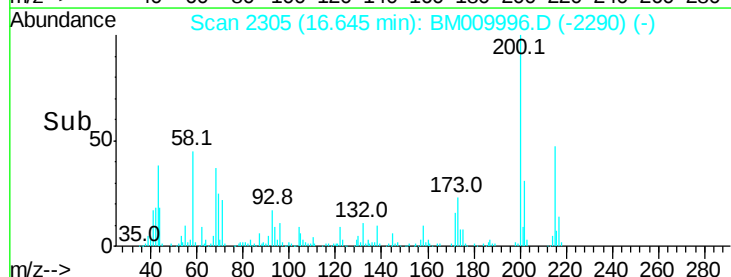
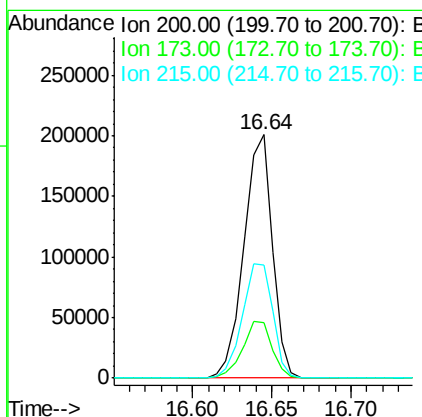
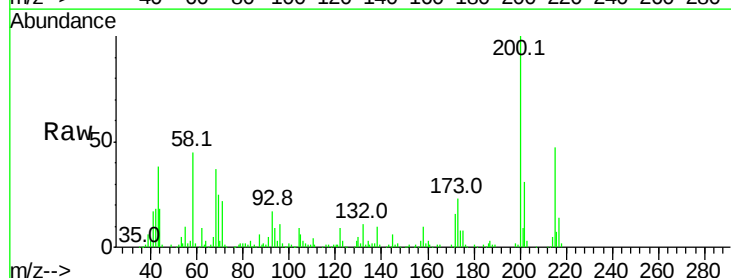
Manual Integrations
APPROVED

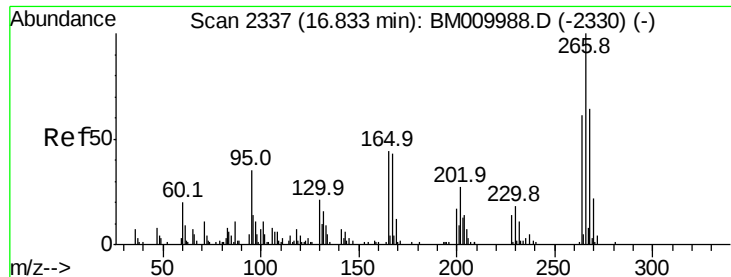
mohammad
5/12/2017 4:30:14 PM



#68
Atrazine
Concen: 50.18 ng
RT: 16.64 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	249610		
173	22.7	4.8	44.8	
215	46.6	26.9	66.9	





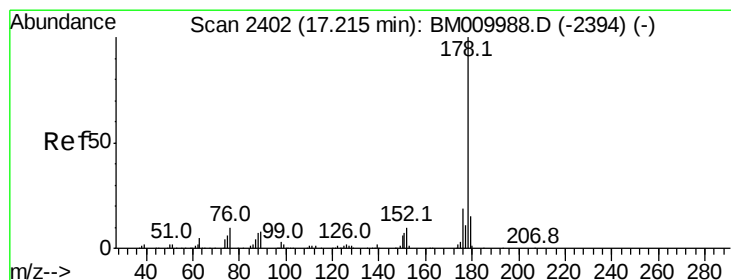
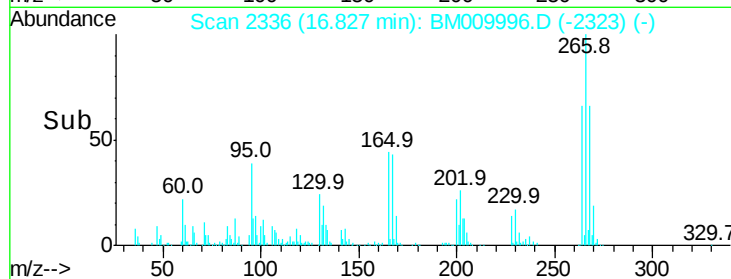
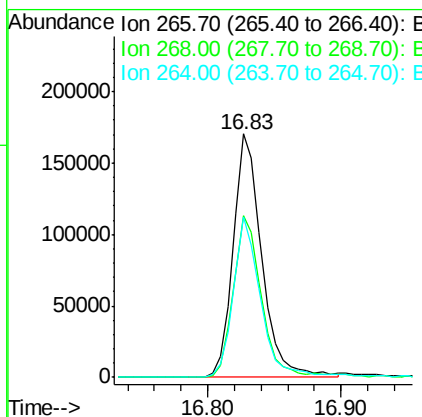
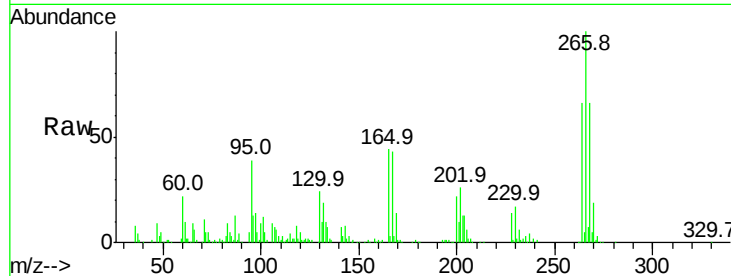
#69
 Pentachlorophenol
 Concen: 89.05 ng
 RT: 16.83 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	253906		
268	66.5		52.0	78.0
264	65.6		49.0	73.4

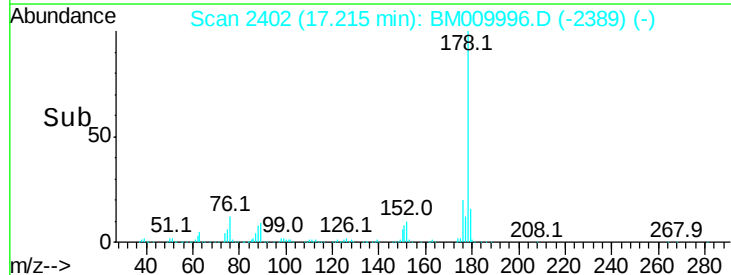
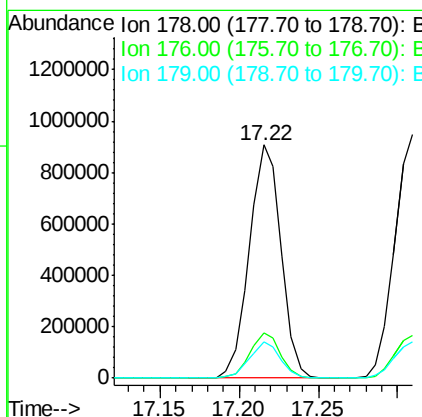
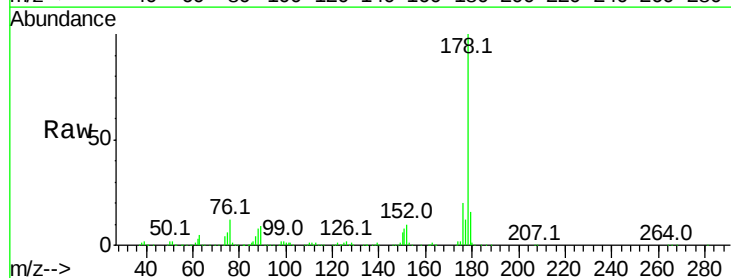
Manual Integrations
 APPROVED

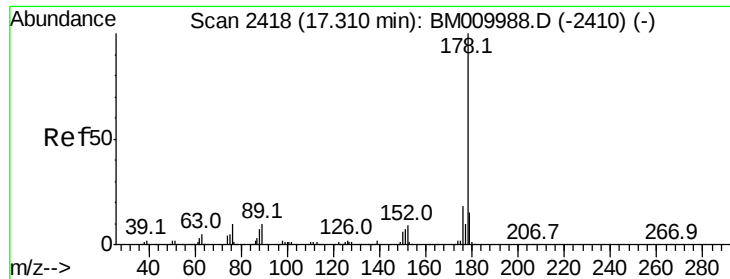
mohammad
 5/12/2017 4:30:14 PM



#70
 Phenanthrene
 Concen: 49.93 ng
 RT: 17.22 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1257415		
176	19.6		15.2	22.8
179	15.7		12.1	18.1





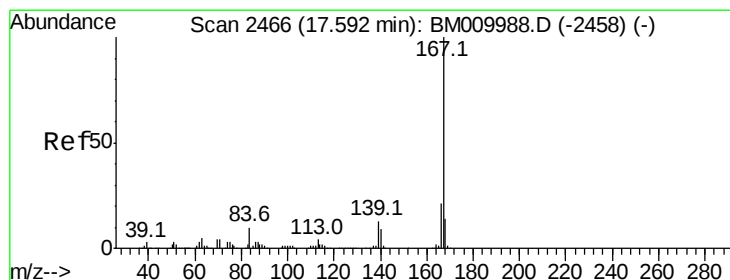
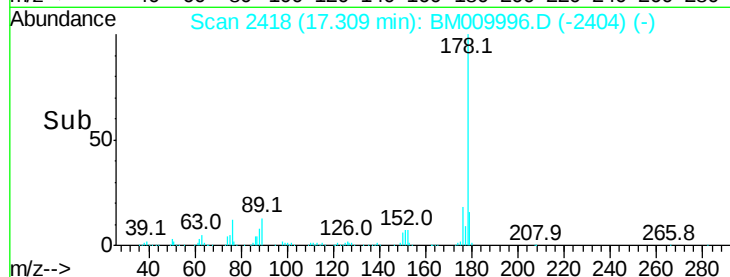
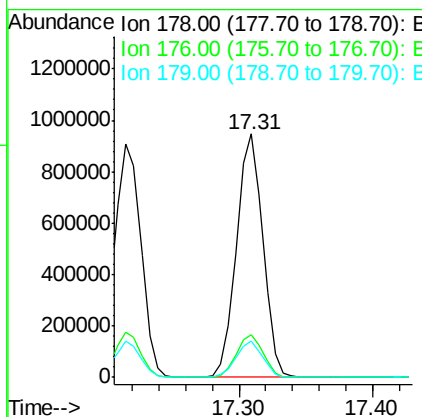
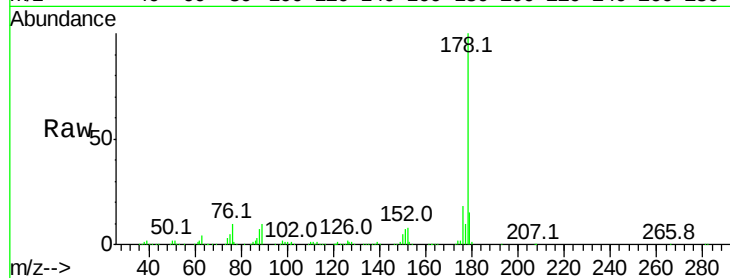
#71
 Anthracene
 Concen: 50.66 ng
 RT: 17.31 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	15.0	12.6	19.0

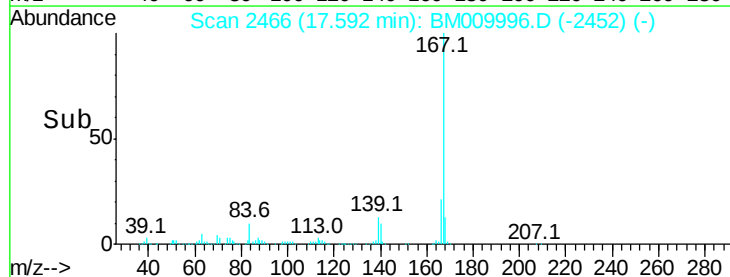
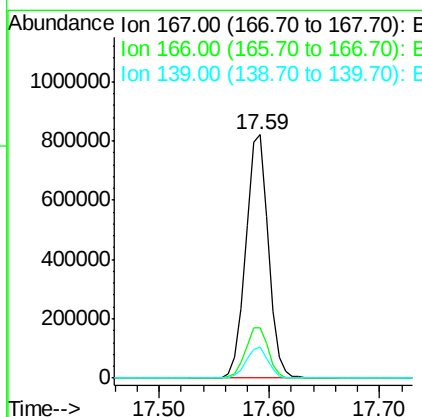
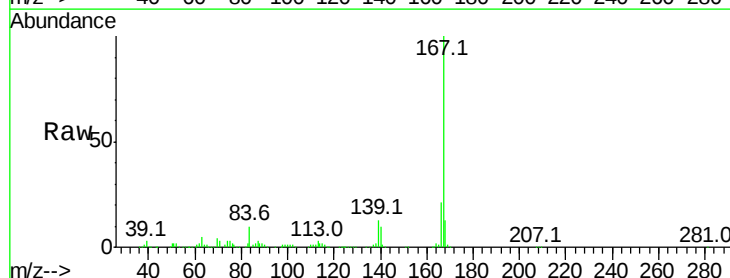
Manual Integrations
 APPROVED

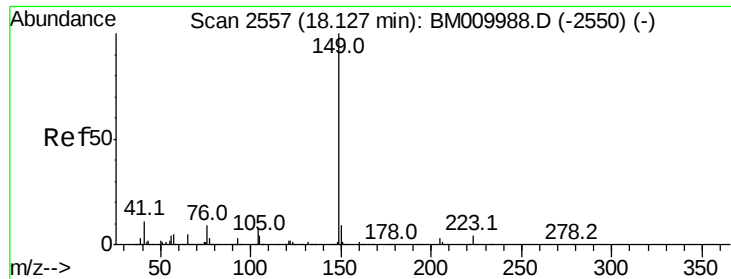
mohammad
 5/12/2017 4:30:14 PM



#72
 Carbazole
 Concen: 51.46 ng
 RT: 17.59 min Scan# 2466
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.2	25.8
139	12.7	10.8	16.2





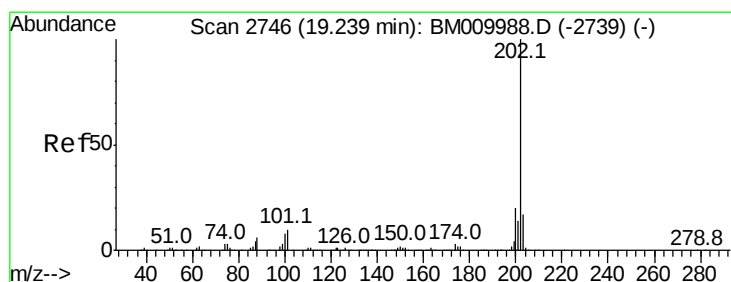
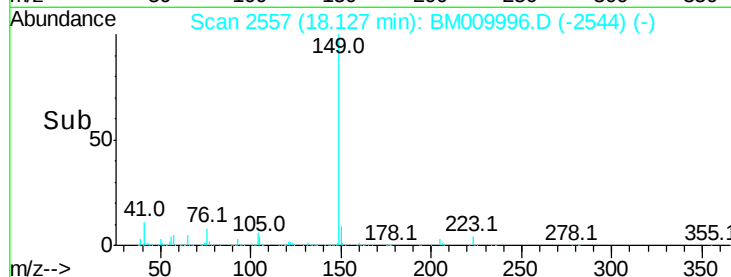
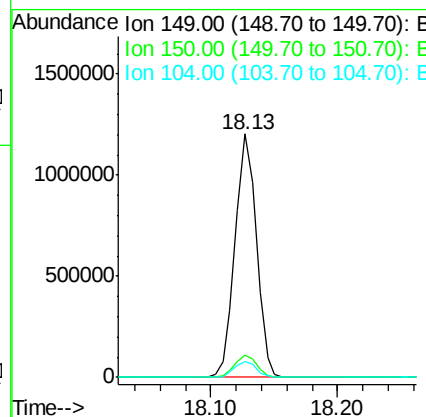
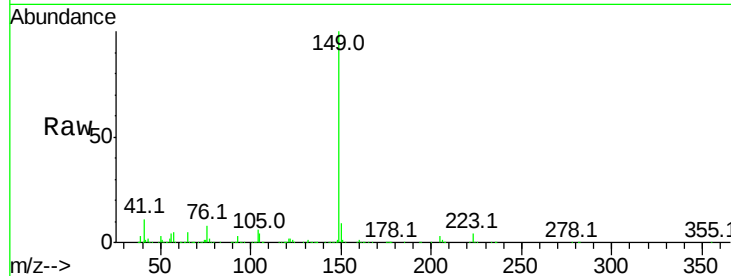
#73
Di-n-butylphthalate
Concen: 47.97 ng
RT: 18.13 min Scan# 2557
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.4	3.7	5.5

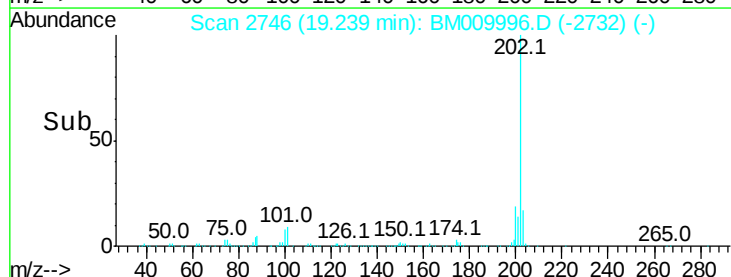
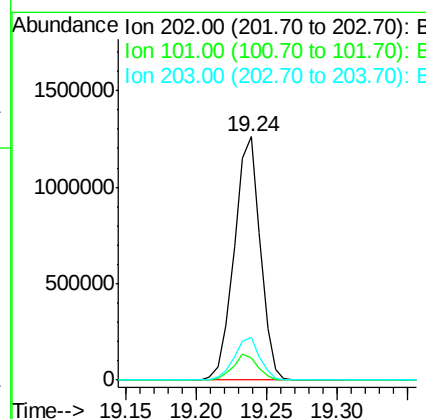
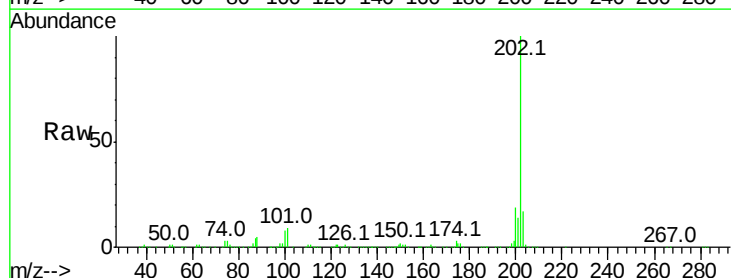
Manual Integrations
APPROVED

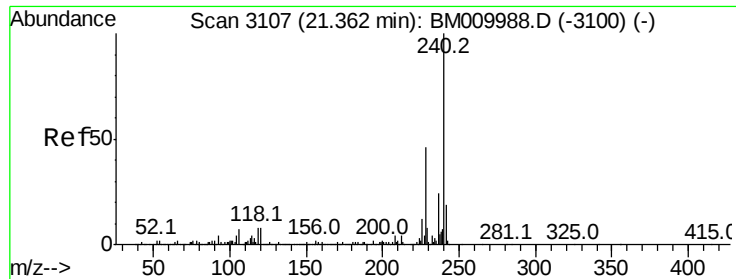
mohammad
5/12/2017 4:30:14 PM



#74
Fluoranthene
Concen: 49.94 ng
RT: 19.24 min Scan# 2746
Delta R.T. -0.02 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.7
203	17.3	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

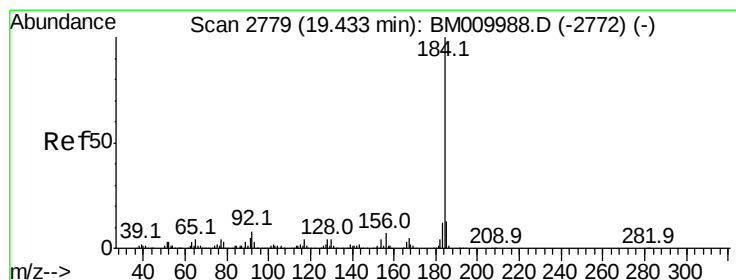
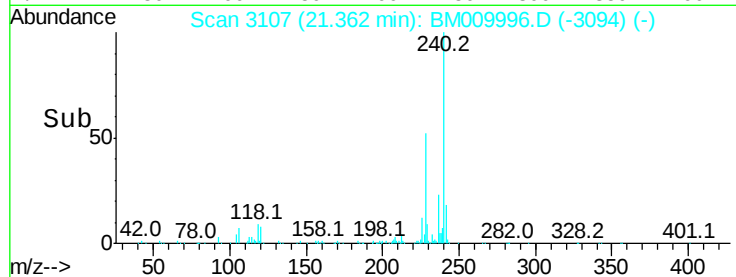
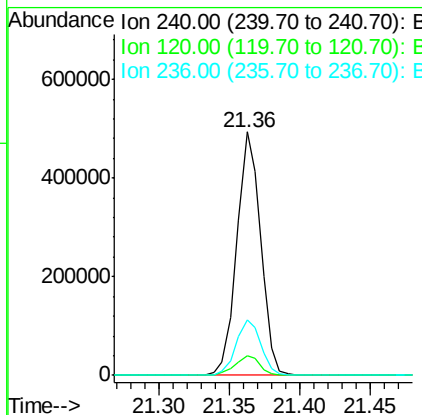
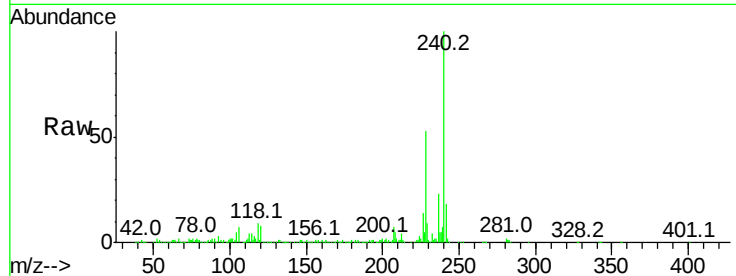
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	240	Resp:	580618
Ion Ratio	Lower	Upper	
240	100		
120	8.1	8.2	12.2#
236	22.9	20.0	30.0

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#76

Benzidine

Concen: 29.99 ng

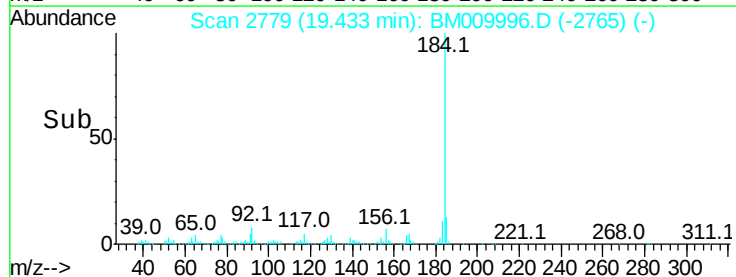
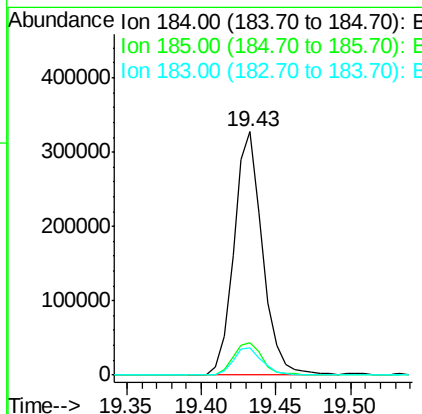
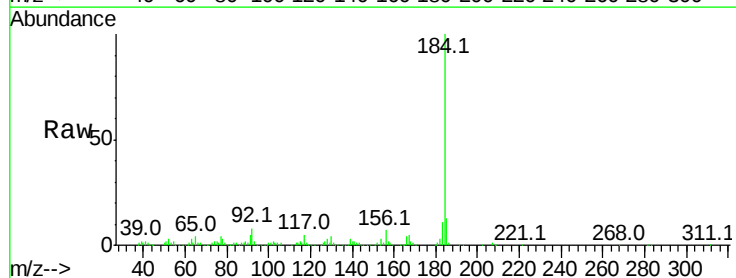
RT: 19.43 min Scan# 2779

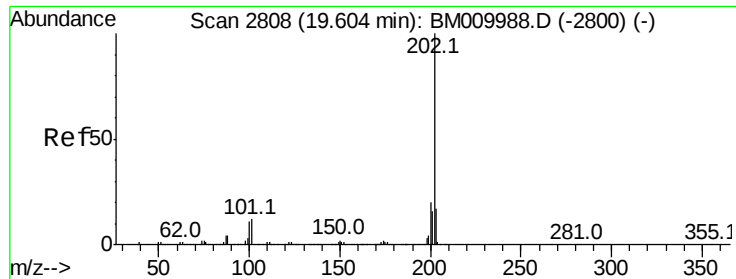
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	184	Resp:	435333
Ion Ratio	Lower	Upper	
184	100		
185	13.1	11.3	16.9
183	11.3	8.9	13.3





#77

Pvrene

Concen: 47.38 ng

RT: 19.60 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

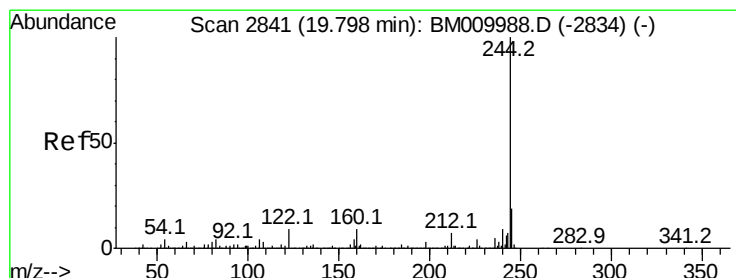
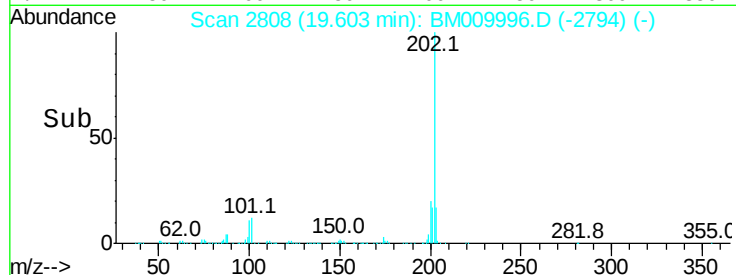
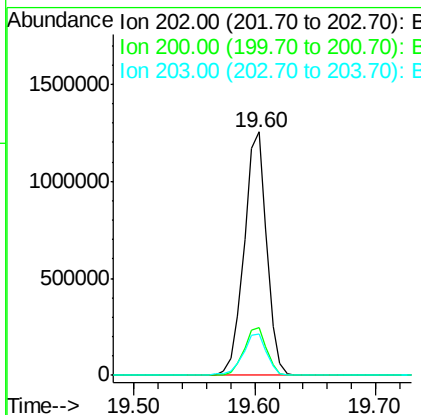
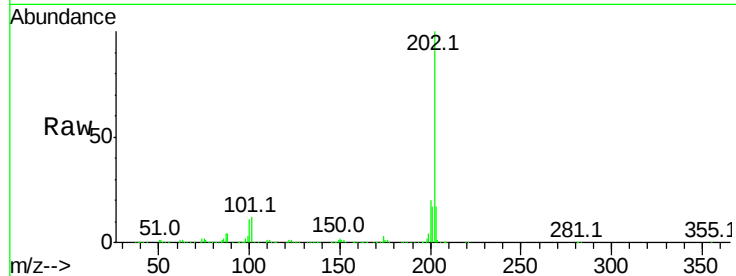
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	202	Resp:	1637292
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.9	25.3
203	17.1	14.1	21.1

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#78

Terphenyl-d14

Concen: 94.77 ng

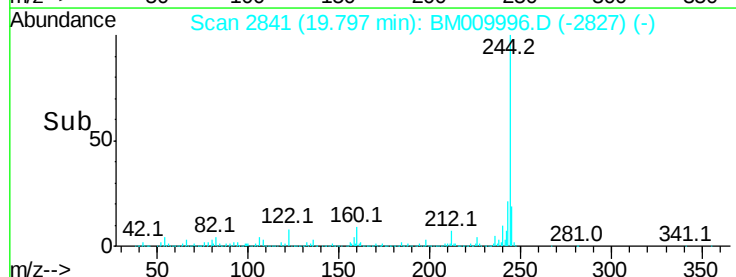
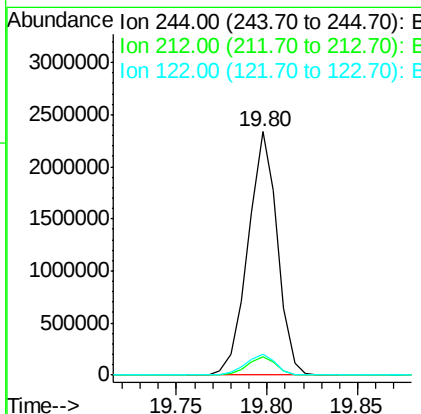
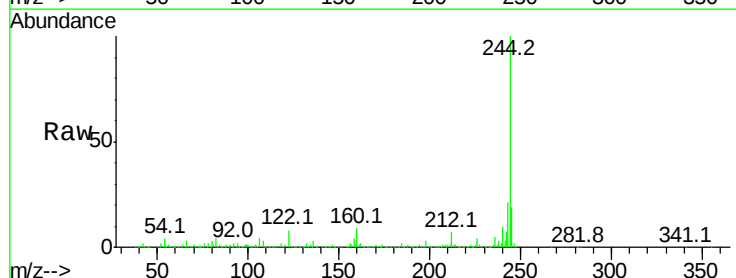
RT: 19.80 min Scan# 2841

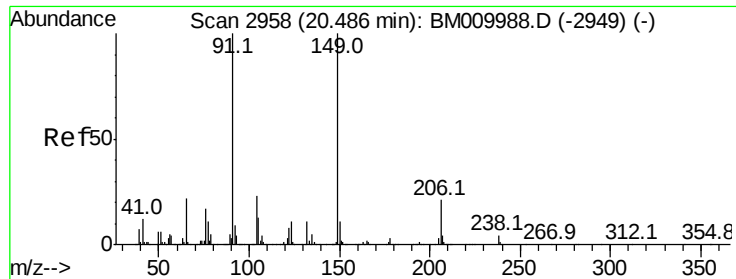
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	244	Resp:	2610719
Ion Ratio	Lower	Upper	
244	100		
212	7.4	4.9	7.3#
122	8.4	6.2	9.4





#79

Butylbenzylphthalate

Concen: 47.39 ng

RT: 20.49 min Scan# 2958

Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

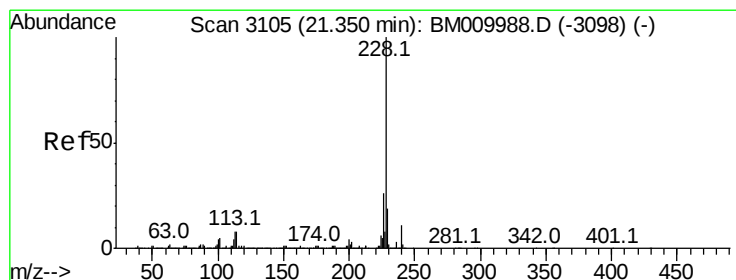
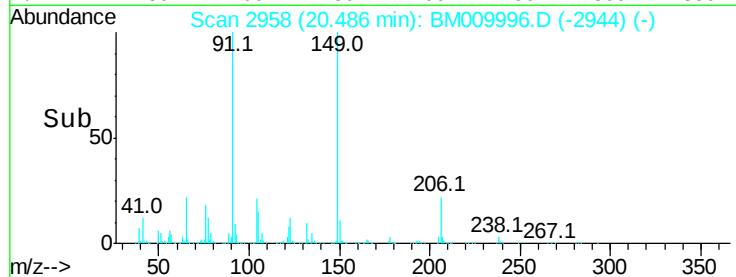
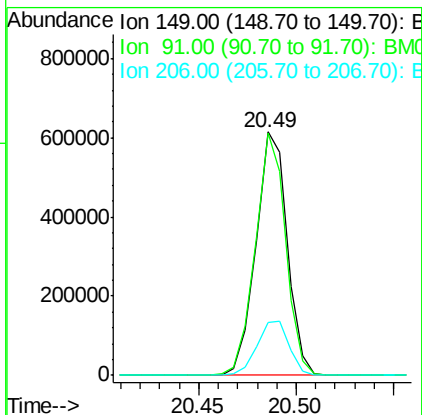
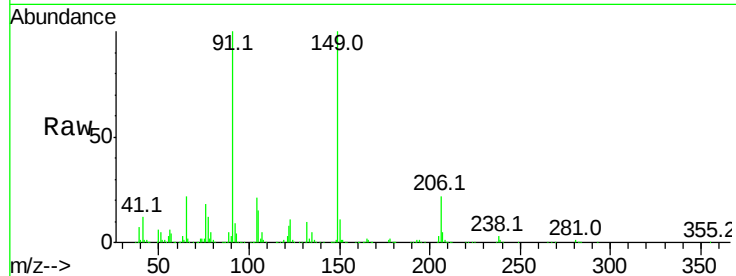
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	149	Resp:	681883
Ion Ratio	Lower	Upper	
149	100		
91	99.7	50.1	75.1#
206	21.7	16.2	24.2

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#80

Benzo(a)anthracene

Concen: 49.09 ng

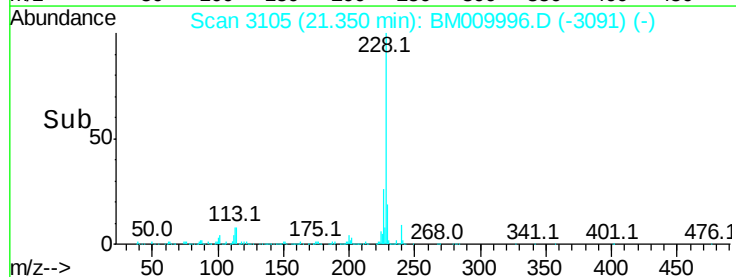
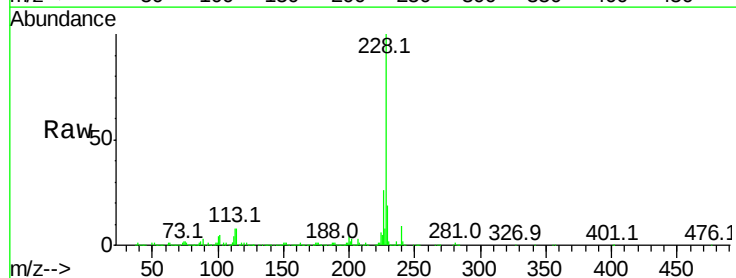
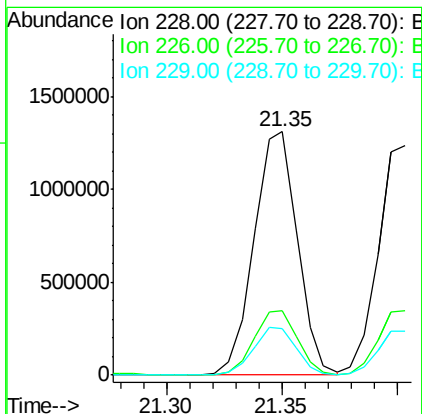
RT: 21.35 min Scan# 3105

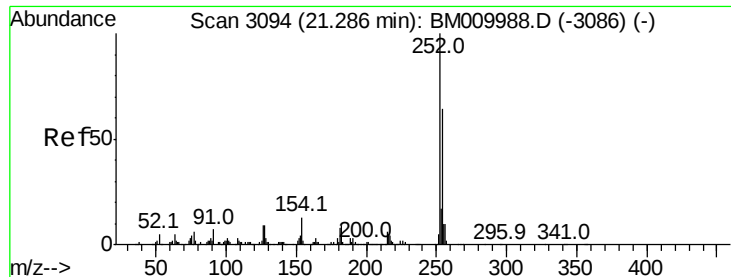
Delta R.T. -0.02 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	228	Resp:	1712673
Ion Ratio	Lower	Upper	
228	100		
226	26.5	21.7	32.5
229	19.2	16.0	24.0





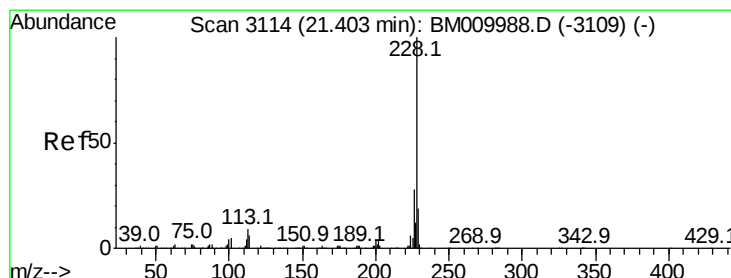
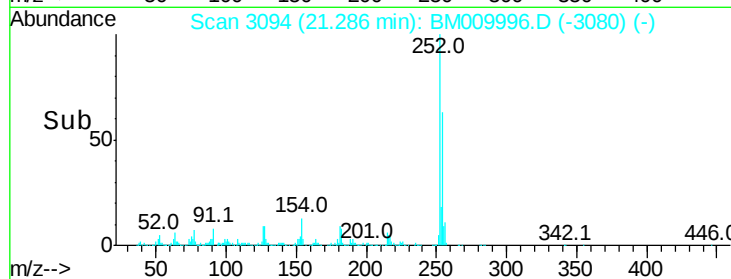
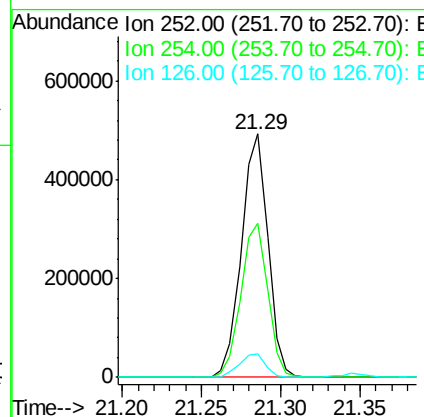
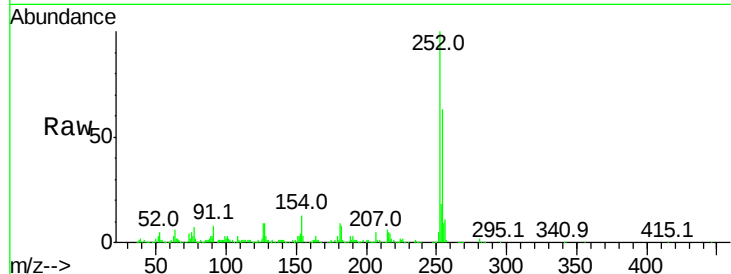
#81
 3,3'-Dichlorobenzidine
 Concen: 44.44 ng
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	571192		
254	63.3		51.9	77.9
126	9.4		9.8	14.8#

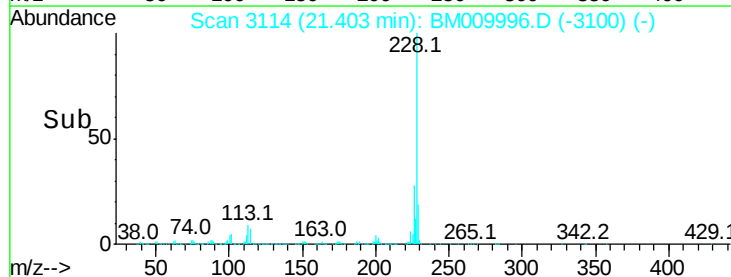
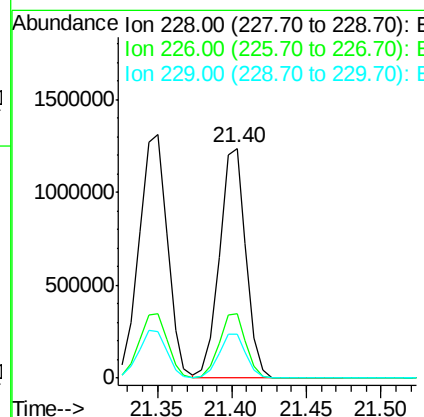
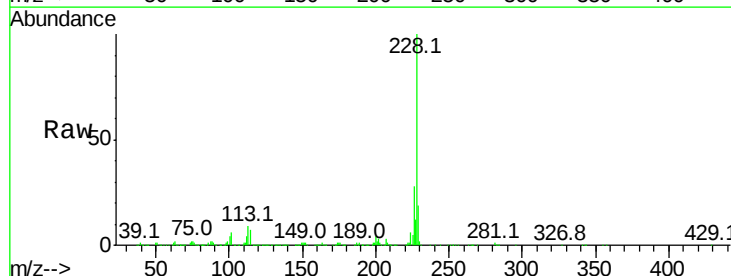
Manual Integrations
 APPROVED

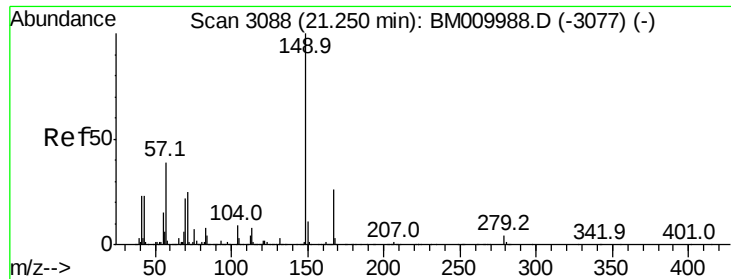
mohammad
 5/12/2017 4:30:14 PM



#82
 Chrysene
 Concen: 46.84 ng
 RT: 21.40 min Scan# 3114
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1532454		
226	28.0		24.1	36.1
229	19.1		15.5	23.3





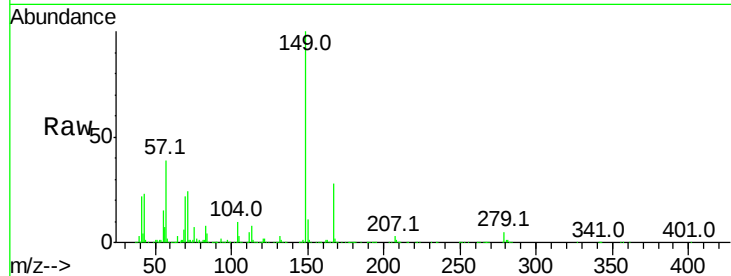
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.15 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

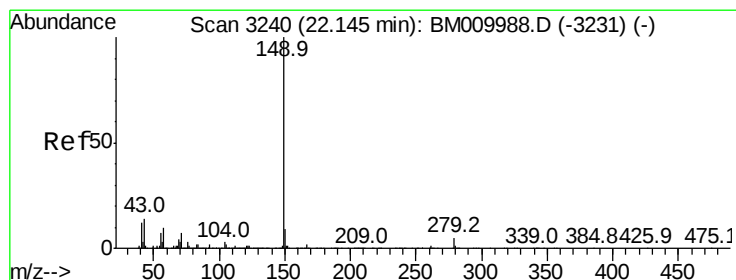
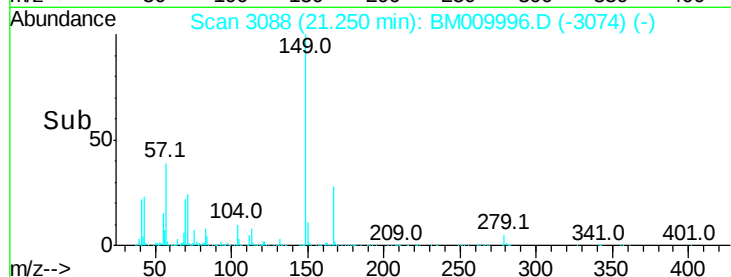
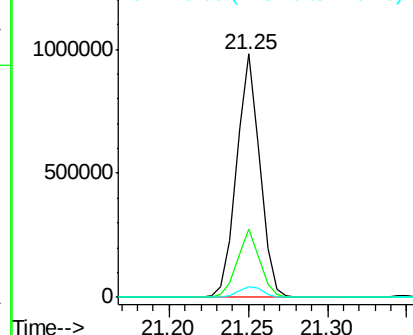
Tot Ion	Ratio	Resp	Lower	Upper
149	100	991554		
167	28.2	22.4	33.6	
279	4.6	3.4	5.0	

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:14 PM

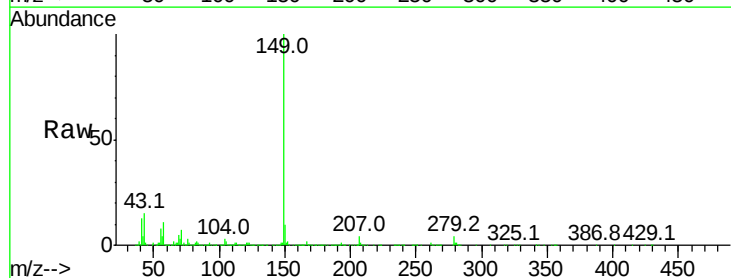


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

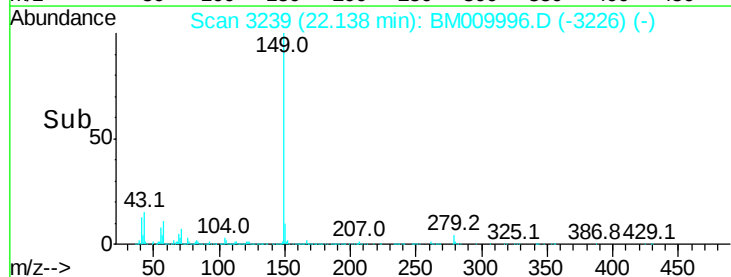
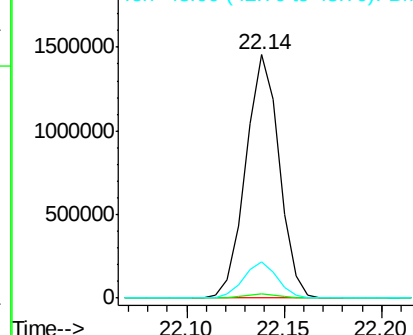


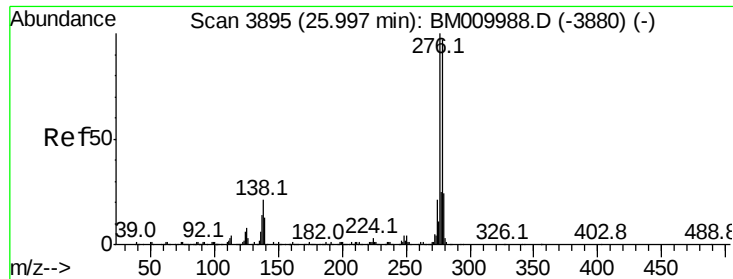
#84
 Di-n-octyl phthalate
 Concen: 46.84 ng
 RT: 22.14 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1726458		
167	1.6	1.2	1.8	
43	14.8	7.3	10.9	



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): BM0





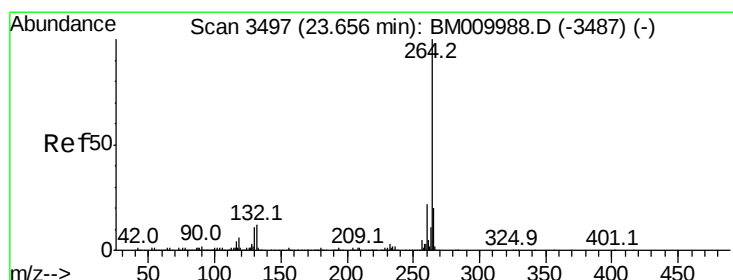
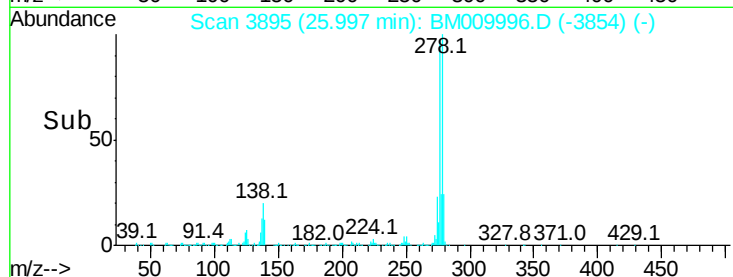
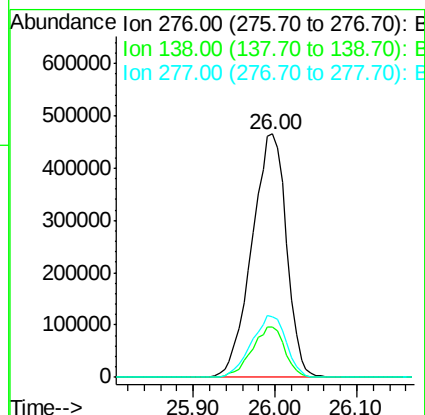
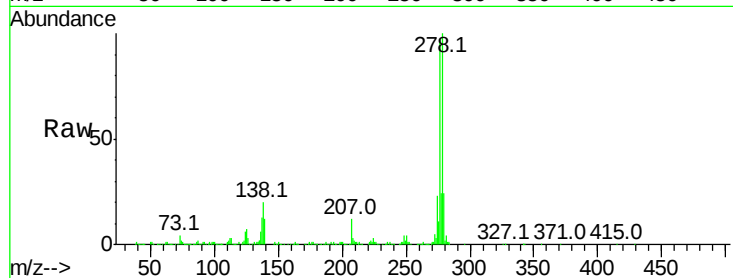
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.66 ng
RT: 26.00 min Scan# 3895
Delta R.T. -0.06 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	0.0	0.0#
277	25.5	0.0	0.0#

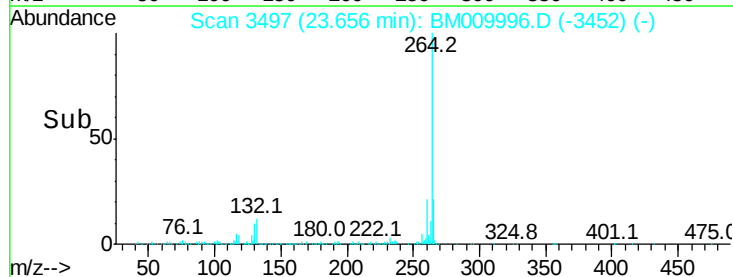
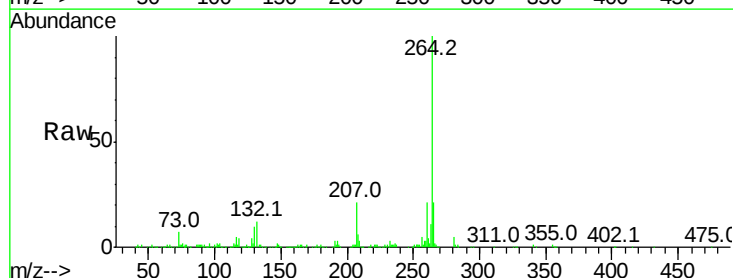
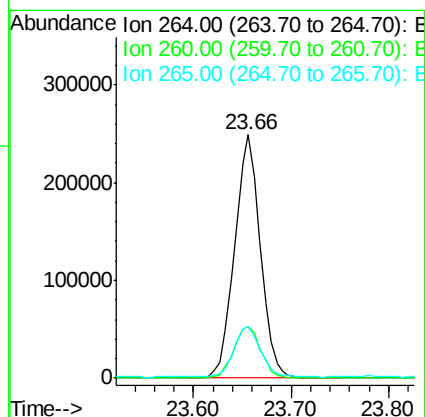
Manual Integrations
APPROVED

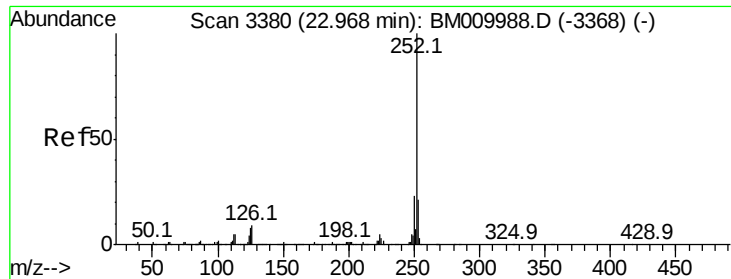
mohammad
5/12/2017 4:30:14 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3497
Delta R.T. -0.04 min
Lab File: BM009996.D
Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.6	27.8
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 50.55 ng

RT: 22.97 min Scan# 3380

Delta R.T. -0.03 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

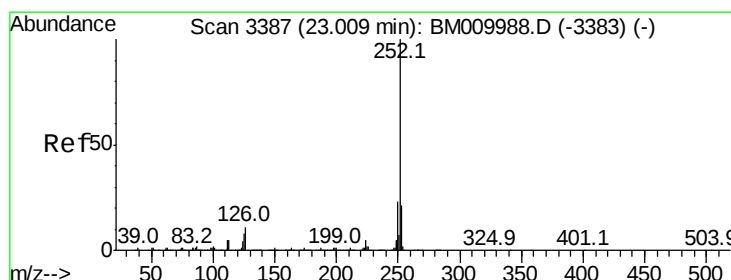
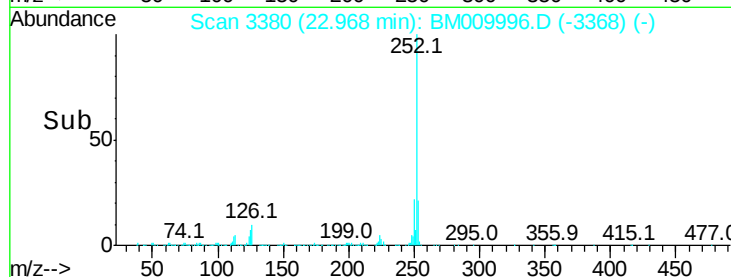
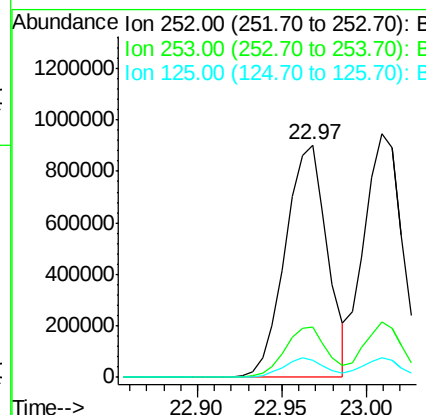
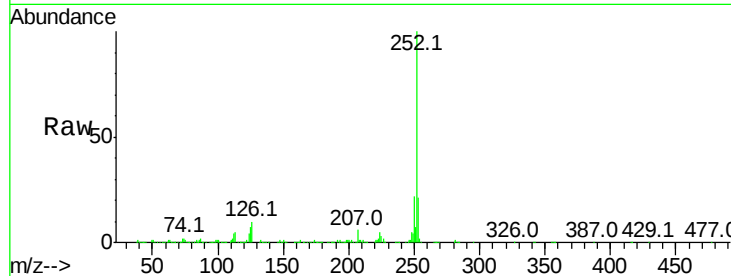
Instrument :
BNA_M

ClientSampleId :
LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	7.4	9.9	14.9

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#88

Benzo(k)fluoranthene

Concen: 50.93 ng

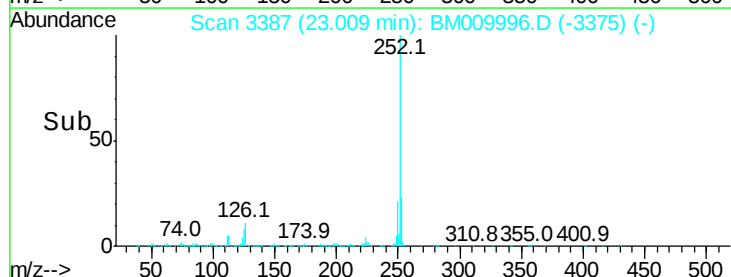
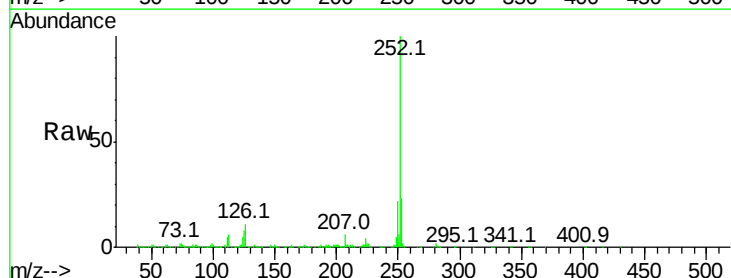
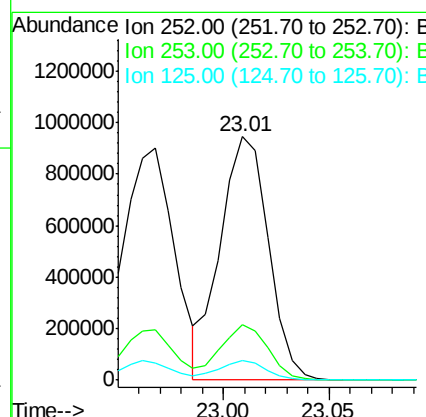
RT: 23.01 min Scan# 3387

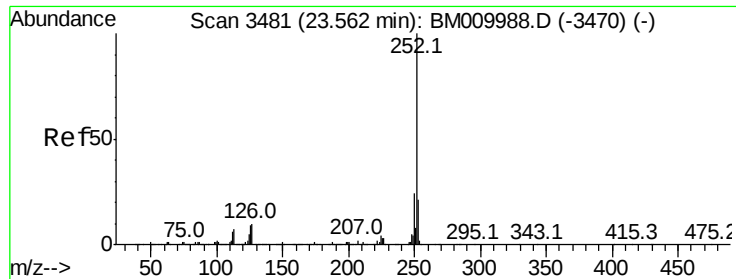
Delta R.T. -0.03 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	8.0	8.1	12.1





#89

Benzo(a)pyrene

Concen: 51.43 ng

RT: 23.56 min Scan# 3480

Delta R.T. -0.04 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Instrument :

BNA_M

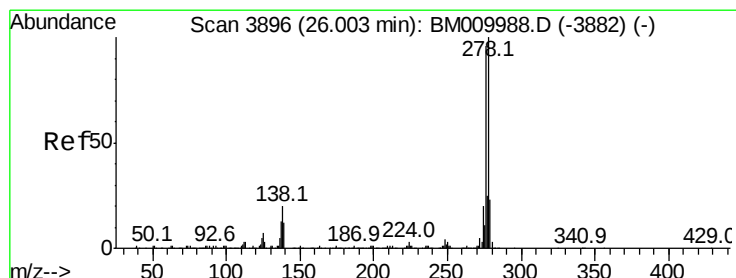
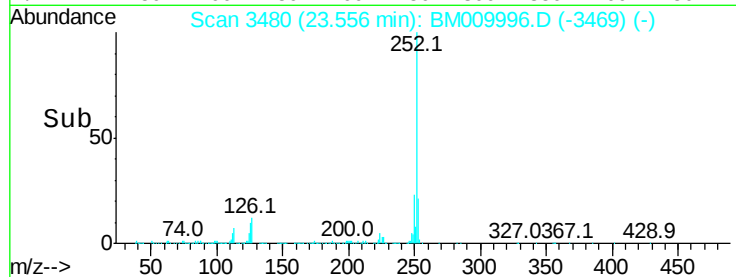
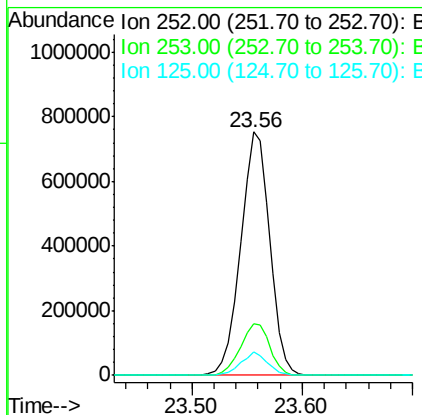
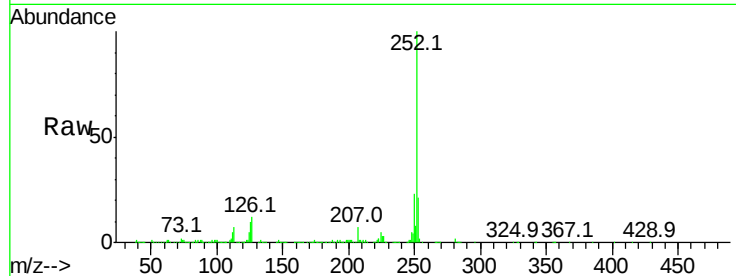
ClientSampleId :

LF017MW003-170508MS

Tot Ion:	252	Resp:	1394755
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.6	26.4
125	9.6	7.4	11.2

Manual Integrations
APPROVED

mohammad
5/12/2017 4:30:14 PM



#90

Dibenzo(a,h)anthracene

Concen: 49.70 ng

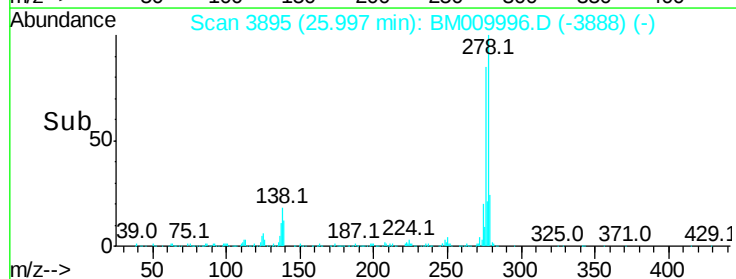
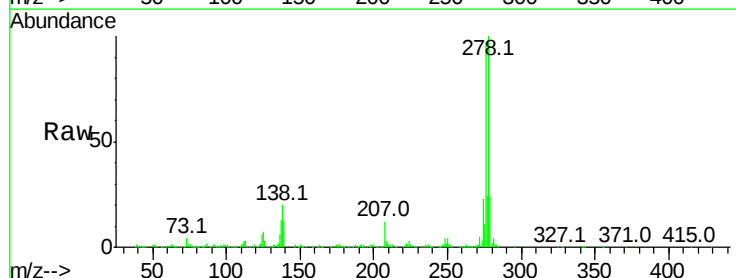
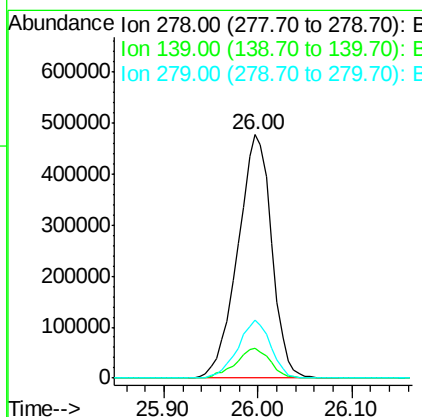
RT: 26.00 min Scan# 3895

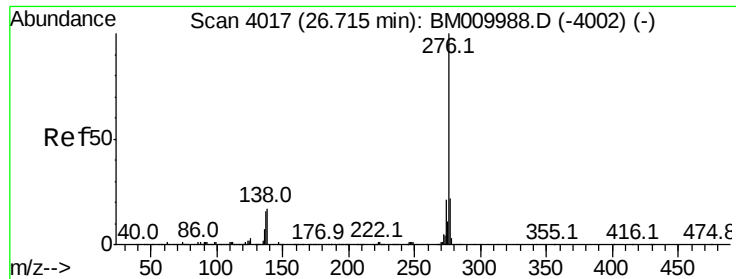
Delta R.T. -0.06 min

Lab File: BM009996.D

Acq: 11 May 2017 22:06

Tgt Ion:	278	Resp:	1189427
Ion Ratio	Lower	Upper	
278	100		
139	12.4	13.4	20.0#
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.35 ng
 RT: 26.71 min Scan# 4017
 Delta R.T. -0.06 min
 Lab File: BM009996.D
 Acq: 11 May 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	16.8	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 5/12/2017 4:30:14 PM

