

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096012.D
 Acq On : 19 Jun 2017 18:23
 Operator : SJ/MA
 Sample : PB99828BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:04 PM

Quant Time: Jun 20 02:42:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	69413	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	289842	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	128962	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	214446	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	128689	20.00	ng	-0.02
86) Perylene-d12	19.95	264	125972	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	624997	143.47	ng	-0.01
7) Phenol-d6	6.89	99	725990	139.21	ng	-0.02
23) Nitrobenzene-d5	8.23	82	435546	93.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	144866	126.96	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	849778	91.70	ng	-0.02
78) Terphenyl-d14	16.93	244	609785	117.60	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	1.69	88	66667	32.17	ng 92
3) Pyridine	2.23	79	177368	36.42	ng 98
4) n-Nitrosodimethylamine	2.20	42	80707	43.59	ng 81
6) Aniline	6.81	93	220847	32.37	ng 95
8) 2-Chlorophenol	6.99	128	224698	48.51	ng 98
9) Benzaldehyde	6.63	77	63475	18.04	ng 98
10) Phenol	6.90	94	264249	48.85	ng 89
11) bis(2-Chloroethyl)ether	6.95	93	199120	46.46	ng 98
12) 1,3-Dichlorobenzene	7.20	146	228939	43.67	ng 100
13) 1,4-Dichlorobenzene	7.33	146	236950	44.57	ng 97
14) 1,2-Dichlorobenzene	7.56	146	219347	44.75	ng 96
15) Benzyl Alcohol	7.62	79	175452	49.02	ng 97
16) 2,2'-oxybis(1-Chloropropan	7.80	45	279527	46.42	ng 98
17) 2-Methylphenol	7.85	107	183460	47.20	ng 98
18) Hexachloroethane	8.07	117	81273	46.29	ng # 82
19) n-Nitroso-di-n-propylamine	8.05	70	156356	47.31	ng 93
20) 3+4-Methylphenols	8.12	107	238630	48.36	ng # 54
22) Acetophenone	8.00	105	307406	45.31	ng # 84
24) Nitrobenzene	8.26	77	216367	43.40	ng 94
25) Isophorone	8.66	82	391853	44.97	ng 96
26) 2-Nitrophenol	8.77	139	122837	47.05	ng 99
27) 2,4-Dimethylphenol	8.93	122	195703	48.31	ng 96
28) bis(2-Chloroethoxy)methane	9.04	93	261582	45.54	ng 99
29) 2,4-Dichlorophenol	9.20	162	175778	45.05	ng 97
30) 1,2,4-Trichlorobenzene	9.27	180	181826	44.79	ng 99
31) Naphthalene	9.37	128	627735	43.15	ng 99
32) Benzoic acid	9.31	122	82259	34.14	ng 95
33) 4-Chloroaniline	9.54	127	135689	23.87	ng # 93
34) Hexachlorobutadiene	9.59	225	93084	44.37	ng 98
35) Caprolactam	10.17	113	56096m	48.32	ng
36) 4-Chloro-3-methylphenol	10.42	107	186154	45.58	ng 90
37) 2-Methylnaphthalene	10.50	142	437160	44.48	ng 97
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	169820	44.00	ng 99
40) Hexachlorocyclopentadiene	10.75	237	59582	53.57	ng 97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096012.D
 Acq On : 19 Jun 2017 18:23
 Operator : SJ/MA
 Sample : PB99828BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

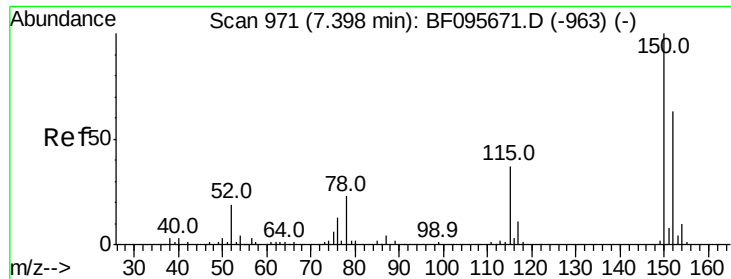
Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:04 PM

Quant Time: Jun 20 02:42:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	112331	45.27	nq	99
43) 2,4,5-Trichlorophenol	11.11	196	107691	40.80	nq	95
45) 1,1'-Biphenyl	11.27	154	480994	45.25	nq	98
46) 2-Chloronaphthalene	11.28	162	370900	44.66	nq	95
47) 2-Nitroaniline	11.51	65	107163	44.10	nq	# 80
48) Acenaphthylene	11.93	152	566186	39.87	nq	98
49) Dimethylphthalate	11.83	163	440691	45.01	nq	98
50) 2,6-Dinitrotoluene	11.92	165	88767	41.56	nq	# 65
51) Acenaphthene	12.21	154	342220	41.73	nq	98
52) 3-Nitroaniline	12.19	138	68170	27.40	nq	91
53) 2,4-Dinitrophenol	12.43	184	46736	41.99	nq	# 68
54) Dibenzofuran	12.50	168	522743	45.29	nq	98
55) 4-Nitrophenol	12.62	139	96203	67.01	nq	# 75
56) 2,4-Dinitrotoluene	12.60	165	130118	45.11	nq	93
57) Fluorene	13.05	166	413846	41.20	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.76	232	83056	45.99	nq	# 95
59) Diethylphthalate	12.97	149	430885	45.73	nq	99
60) 4-Chlorophenyl-phenylether	13.08	204	187635	42.95	nq	91
61) 4-Nitroaniline	13.19	138	88373	38.04	nq	97
62) Azobenzene	13.34	77	390201	45.69	nq	93
64) 4,6-Dinitro-2-methylphenol	13.27	198	44395	31.50	nq	86
65) n-Nitrosodiphenylamine	13.30	169	354758	46.04	nq	98
66) 4-Bromophenyl-phenylether	13.86	248	104144	46.73	nq	97
67) Hexachlorobenzene	13.94	284	101187	46.07	nq	# 88
68) Atrazine	14.22	200	108898	50.78	nq	96
69) Pentachlorophenol	14.32	266	50945	62.73	nq	97
70) Phenanthrene	14.59	178	557969	45.09	nq	98
71) Anthracene	14.67	178	577013	44.67	nq	98
72) Carbazole	14.97	167	517905	41.14	nq	98
73) Di-n-butylphthalate	15.57	149	659735	49.26	nq	99
74) Fluoranthene	16.37	202	510193	41.66	nq	99
76) Benzidine	16.61	184	213190	43.13	nq	# 93
77) Pyrene	16.67	202	498620	51.93	nq	100
79) Butylbenzylphthalate	17.60	149	230644	55.00	nq	# 85
80) Benzo(a)anthracene	18.26	228	342538	45.78	nq	98
81) 3,3'-Dichlorobenzidine	18.25	252	98023	36.85	nq	# 96
82) Chrysene	18.31	228	335843	44.92	nq	98
83) Bis(2-ethylhexyl)phthalate	18.35	149	318193	53.79	nq	# 100
84) Di-n-octyl phthalate	19.12	149	477718	49.01	nq	95
85) Indeno(1,2,3-cd)pyrene	21.10	276	358630	56.06	nq	100
87) Benzo(b)fluoranthene	19.54	252	346030	43.87	nq	98
88) Benzo(k)fluoranthene	19.57	252	315056	41.79	nq	95
89) Benzo(a)pyrene	19.89	252	330283	45.56	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	301471	49.02	nq	97
91) Benzo(g,h,i)perylene	21.43	276	302686	48.28	nq	96

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



#1

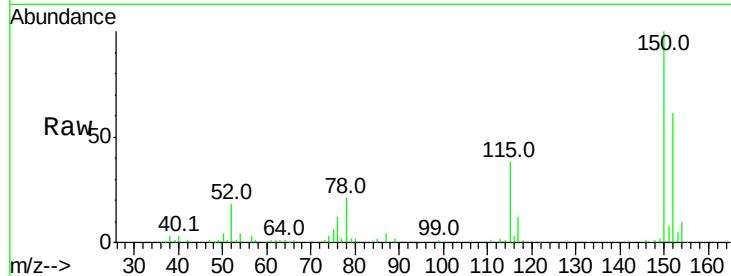
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampled :
PB99828BS

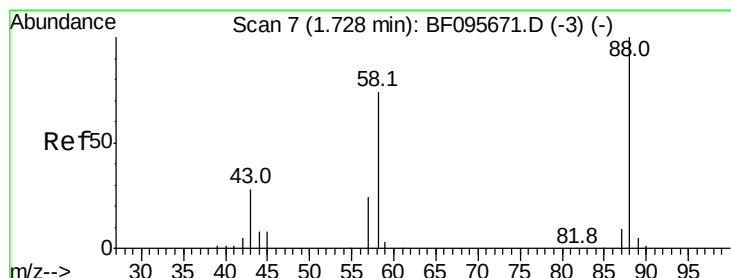
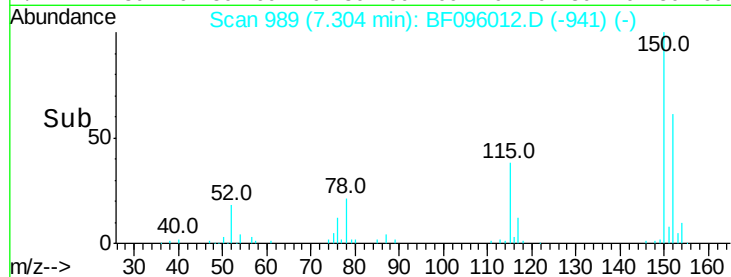
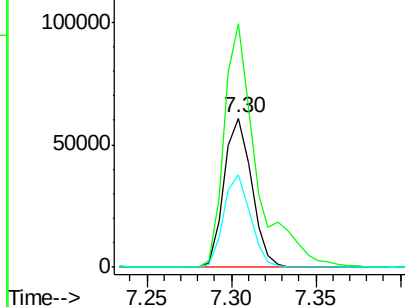
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	126.2	189.2
115	61.9	52.2	78.2

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



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

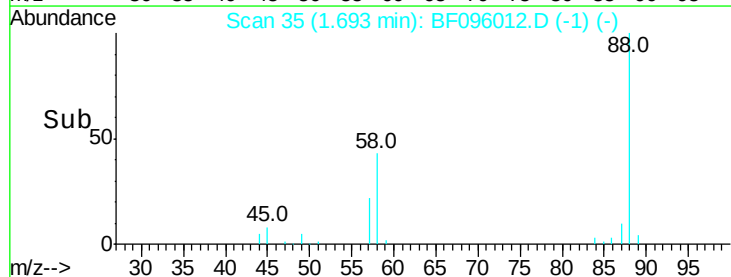
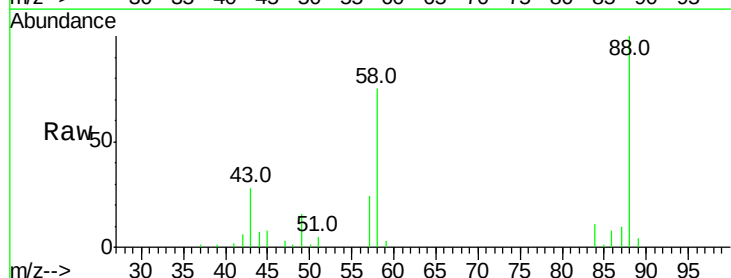
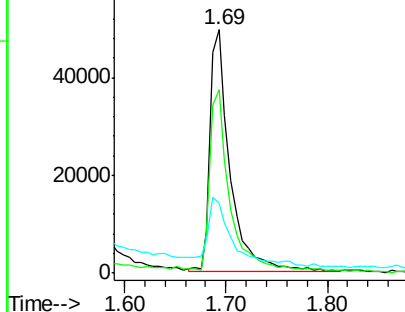


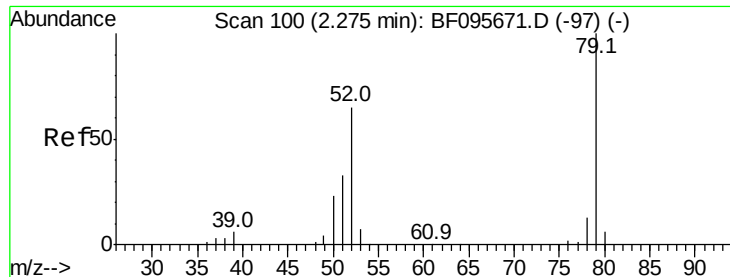
#2

1,4-Dioxane
Concen: 32.17 ng
RT: 1.69 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	61.4	92.0
43	33.7	23.4	35.0

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.42 ng

RT: 2.23 min Scan# 127

Delta R.T. 0.06 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tot Ion: 79 Resp: 177368

Ion Ratio Lower Upper

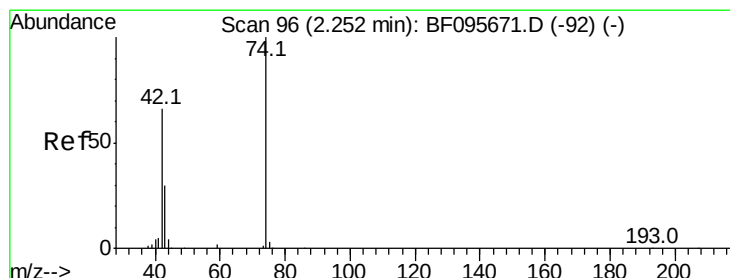
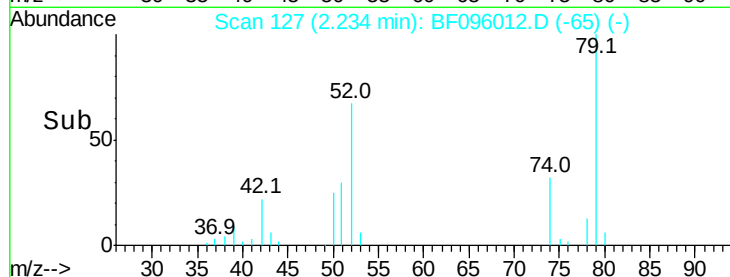
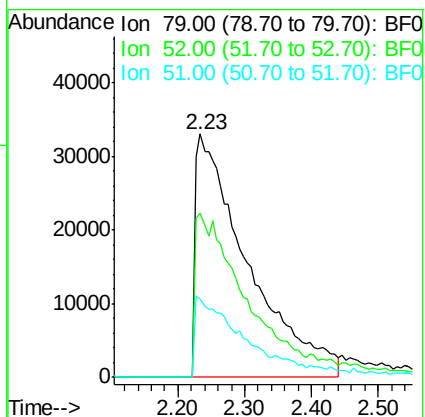
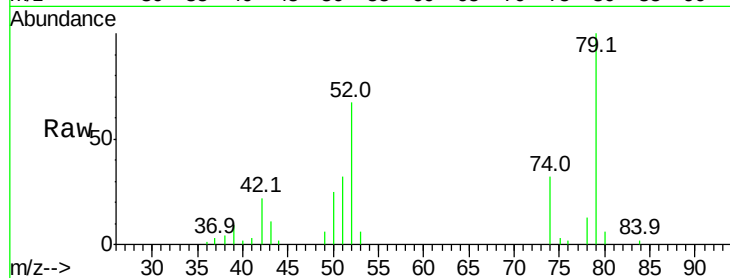
79 100

52 67.3 54.8 82.2

51 32.2 27.0 40.4

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



#4

n-Nitrosodimethylamine

Concen: 43.59 ng

RT: 2.20 min Scan# 121

Delta R.T. 0.05 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

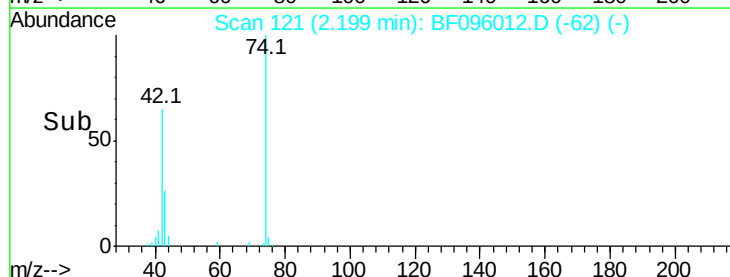
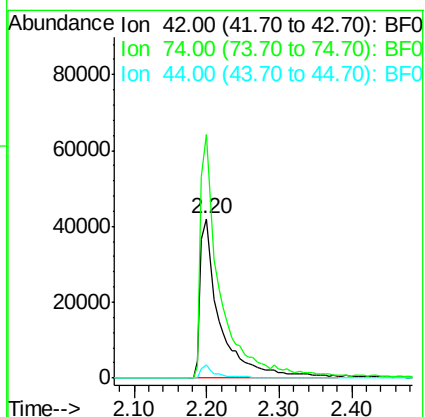
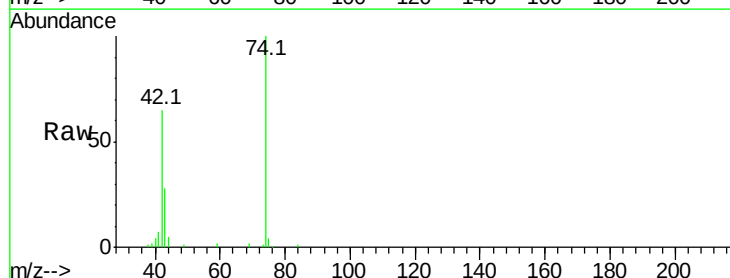
Tgt Ion: 42 Resp: 80707

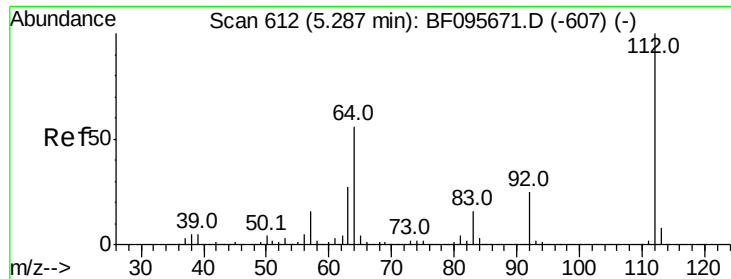
Ion Ratio Lower Upper

42 100

74 152.8 103.9 155.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 143.47 ng

RT: 5.20 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

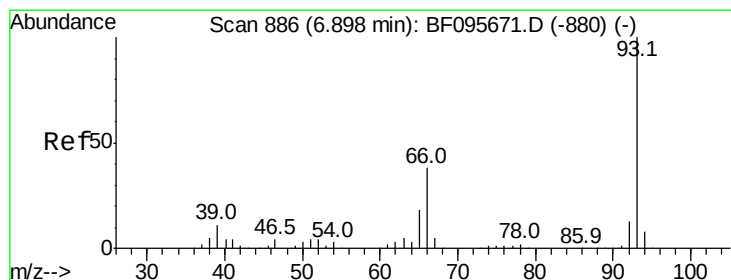
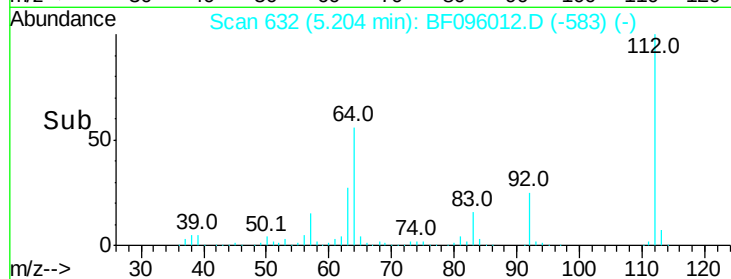
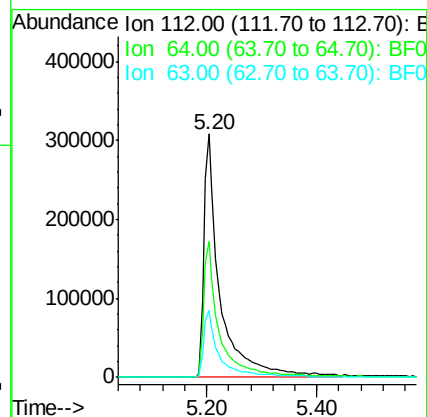
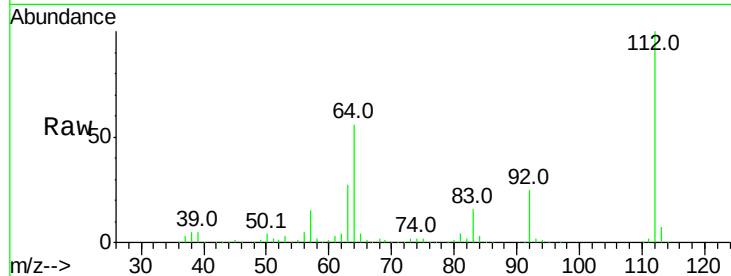
ClientSampleId :

PB99828BS

Tot Ion:	112	Resp:	624997
Ion Ratio	Lower	Upper	
112	100		
64	55.8	46.0	69.0
63	27.3	23.4	35.0

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



#6

Aniline

Concen: 32.37 ng

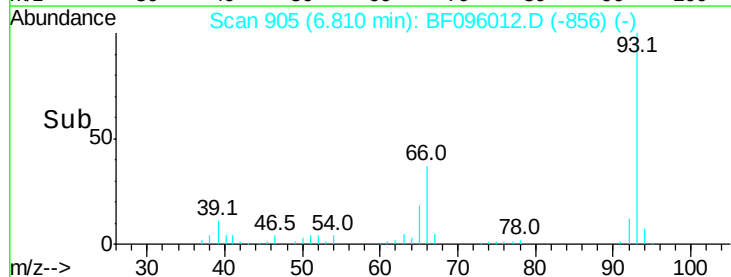
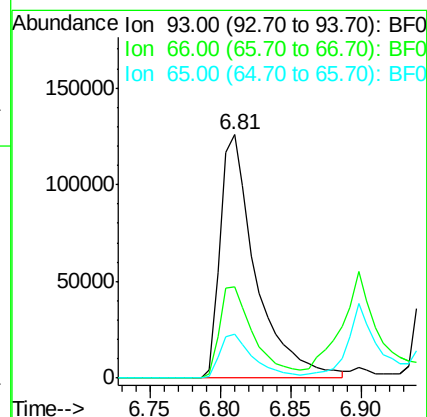
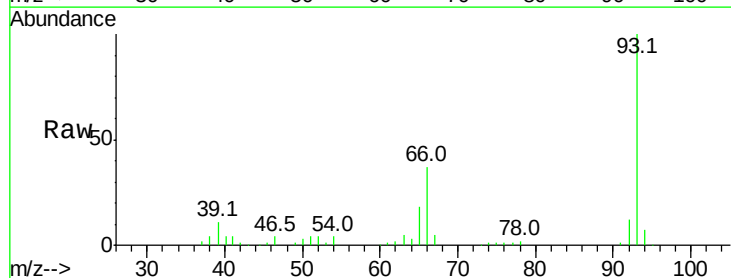
RT: 6.81 min Scan# 905

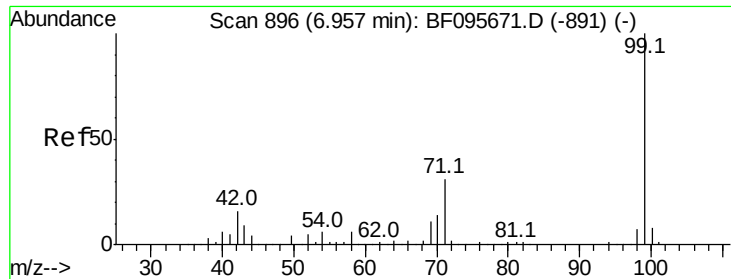
Delta R.T. -0.01 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:	93	Resp:	220847
Ion Ratio	Lower	Upper	
93	100		
66	37.3	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 139.21 ng

RT: 6.89 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

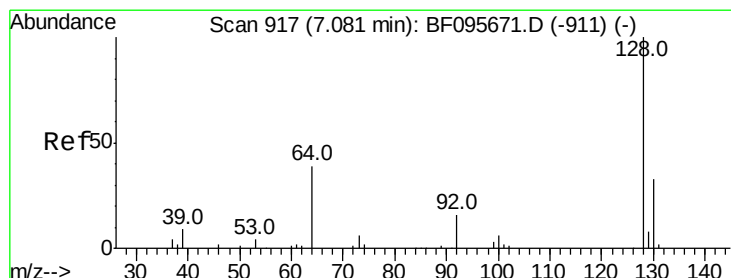
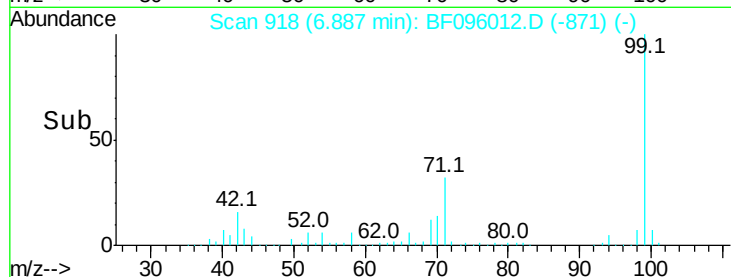
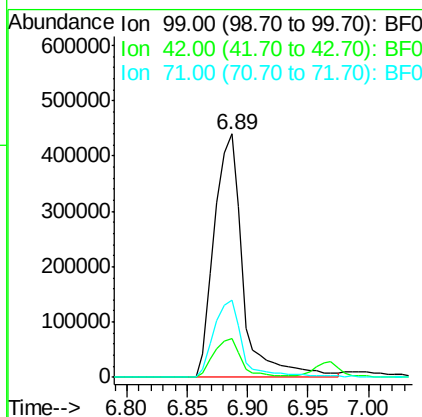
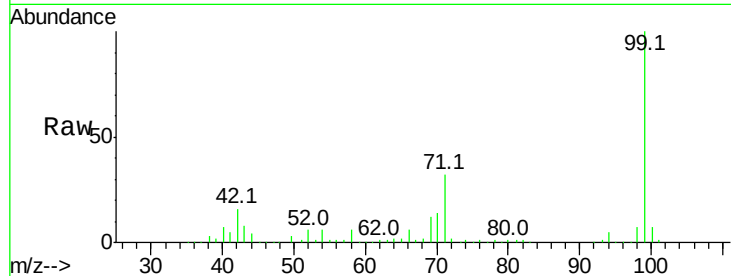
ClientSampleId :

PB99828BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		725990		
42	15.9	13.5	20.3		
71	31.9	24.5	36.7		

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



#8

2-Chlorophenol

Concen: 48.51 ng

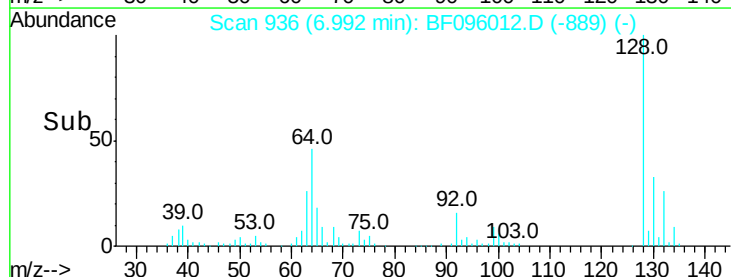
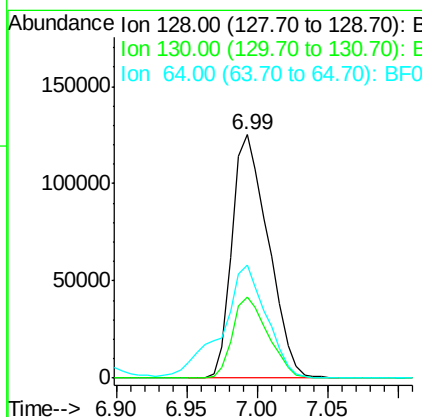
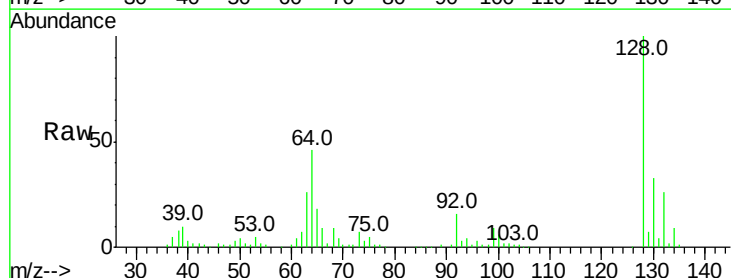
RT: 6.99 min Scan# 936

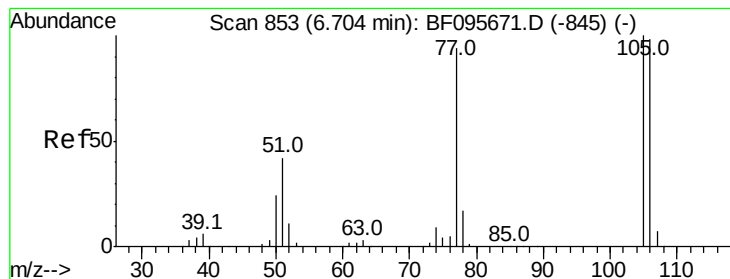
Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		224698		
130	33.4	12.9	52.9		
64	46.3	28.4	68.4		





#9

Benzaldehyde

Concen: 18.04 ng

RT: 6.63 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tot Ion: 77 Resp: 63475

Ion Ratio Lower Upper

77 100

105 104.8 83.8 123.8

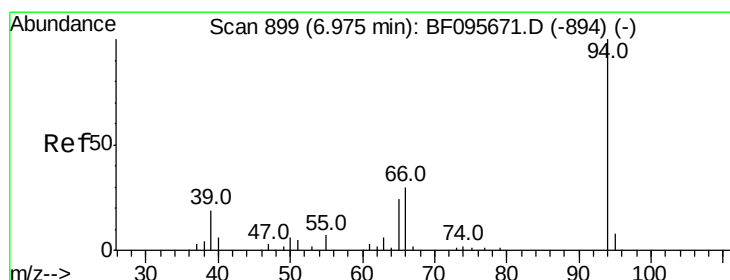
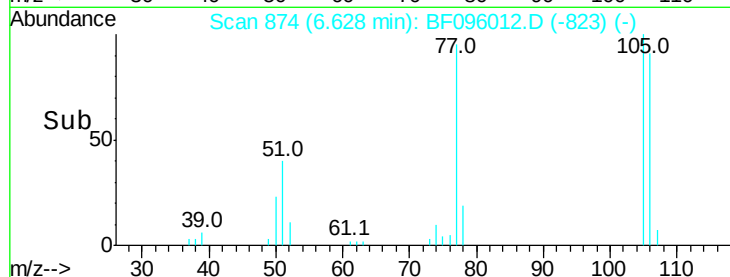
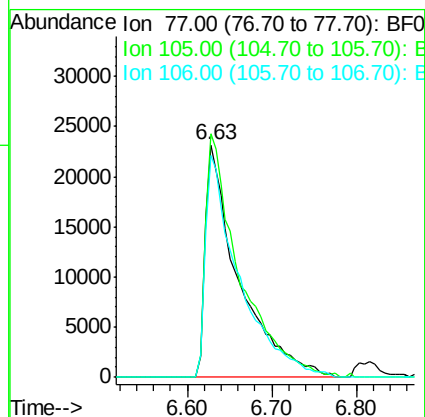
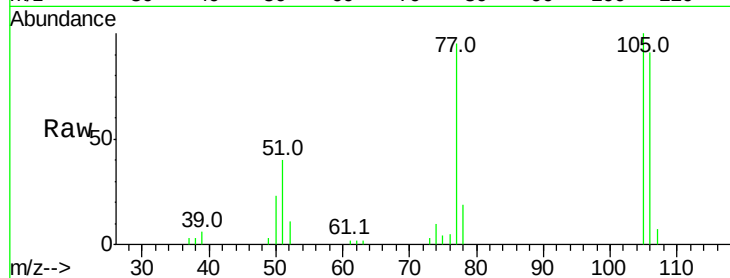
106 95.6 79.1 119.1

Manual Integrations

APPROVED

mohammad

6/20/2017 4:29:04 PM



#10

Phenol

Concen: 48.85 ng

RT: 6.90 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

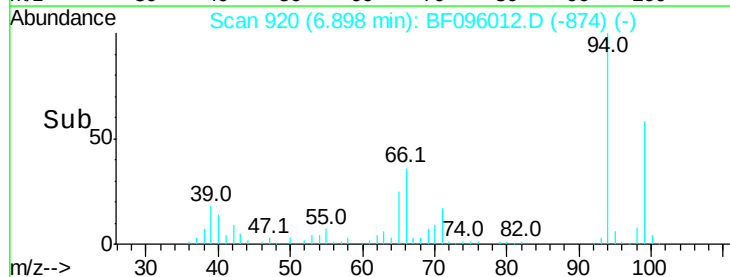
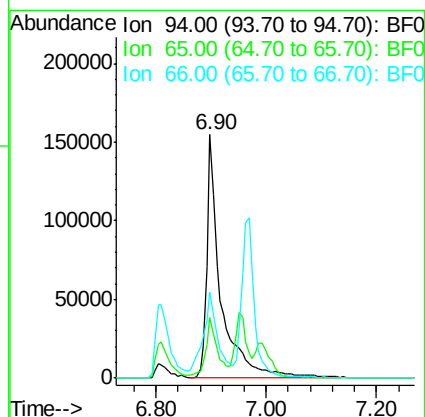
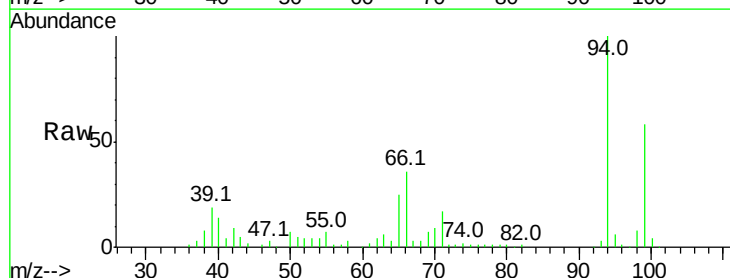
Tgt Ion: 94 Resp: 264249

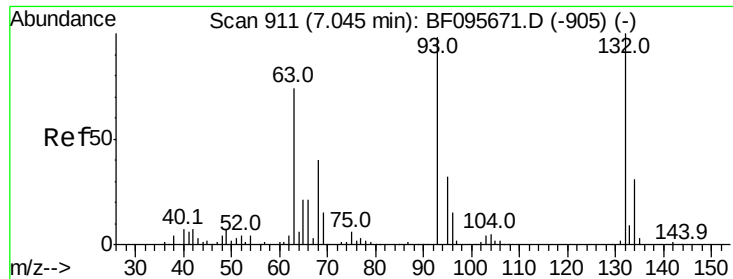
Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

66 35.6 23.1 63.1





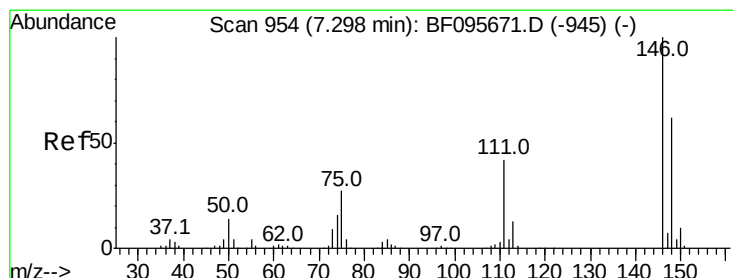
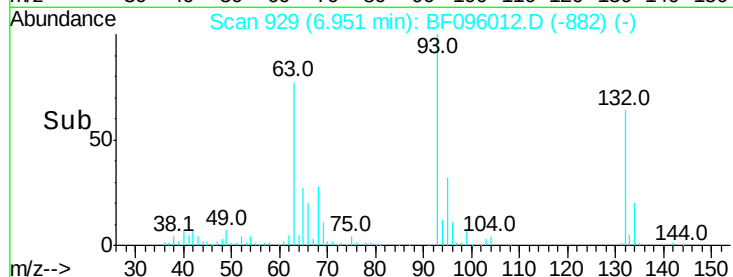
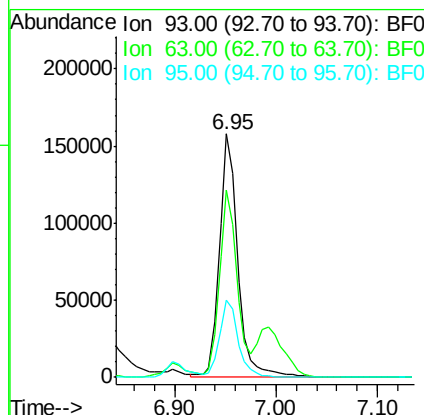
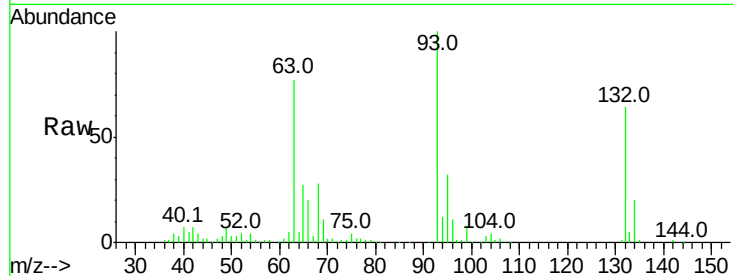
#11
bis(2-Chloroethyl)ether
Concen: 46.46 ng
RT: 6.95 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	199120		
63	77.1	59.2	99.2	
95	31.9	12.8	52.8	

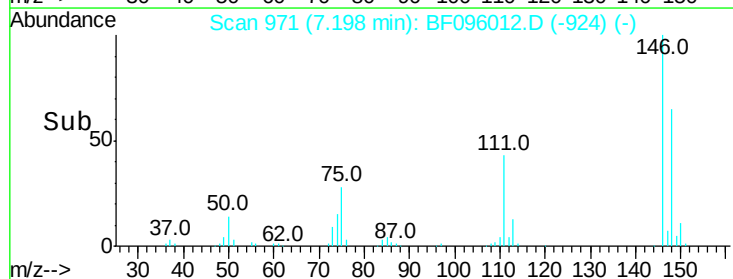
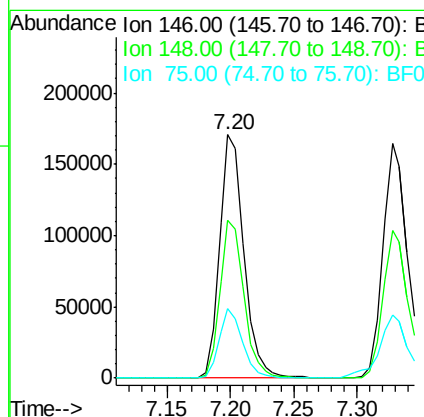
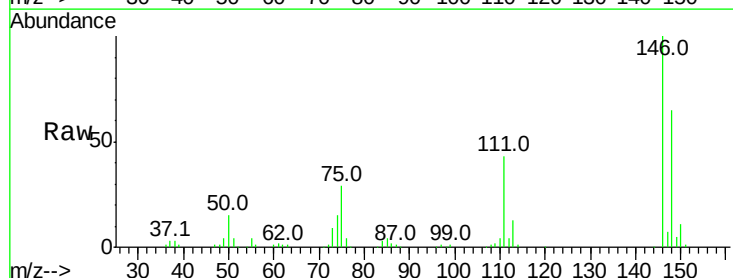
Manual Integrations
APPROVED

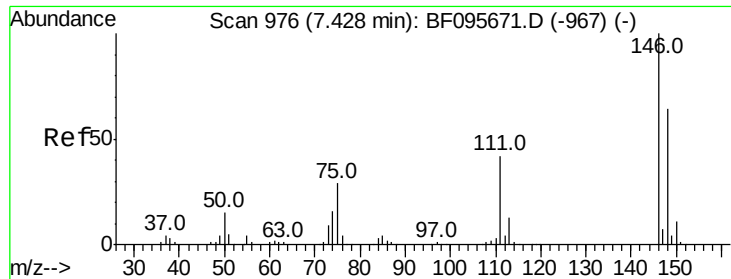
mohammad
6/20/2017 4:29:04 PM



#12
1,3-Dichlorobenzene
Concen: 43.67 ng
RT: 7.20 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228939		
148	64.7	51.8	77.6	
75	28.7	23.1	34.7	





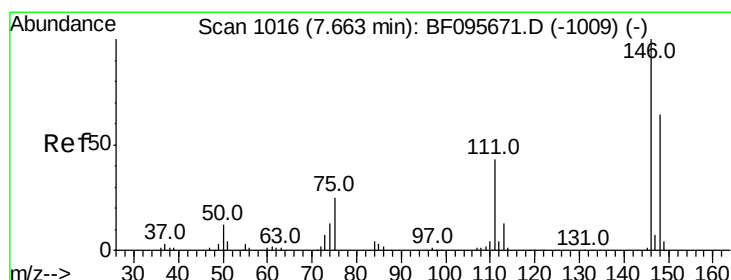
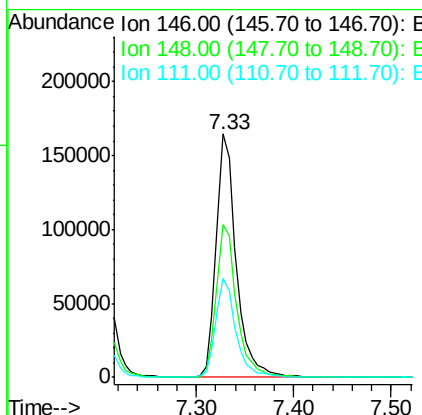
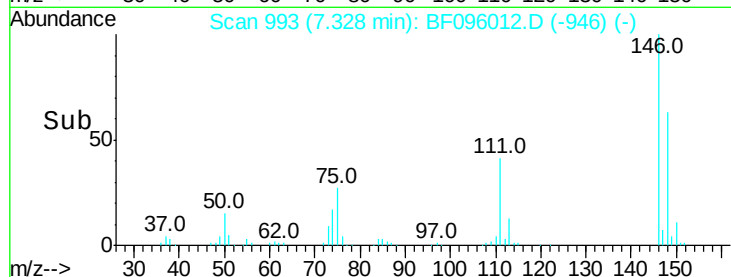
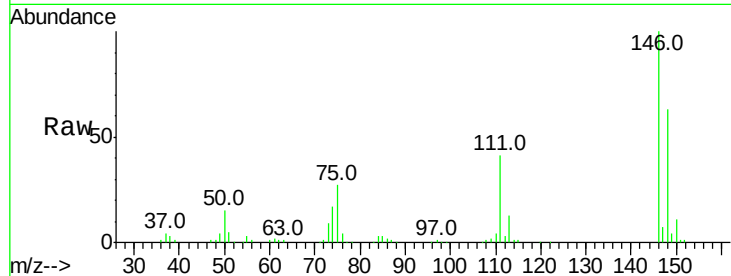
#13
 1,4-Dichlorobenzene
 Concen: 44.57 ng
 RT: 7.33 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	40.6	30.3	45.5

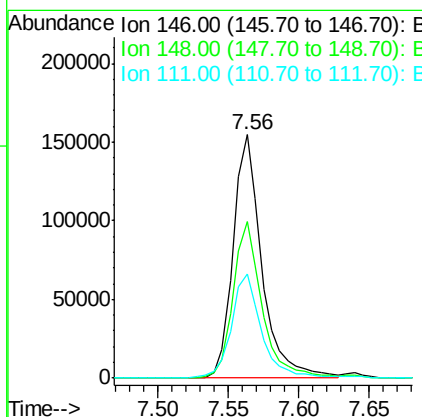
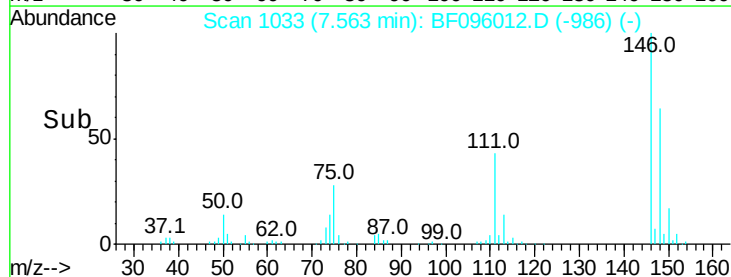
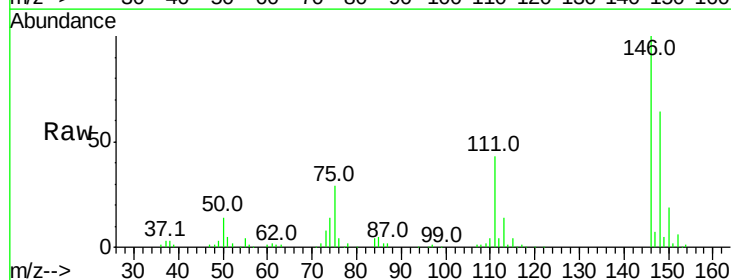
Manual Integrations
 APPROVED

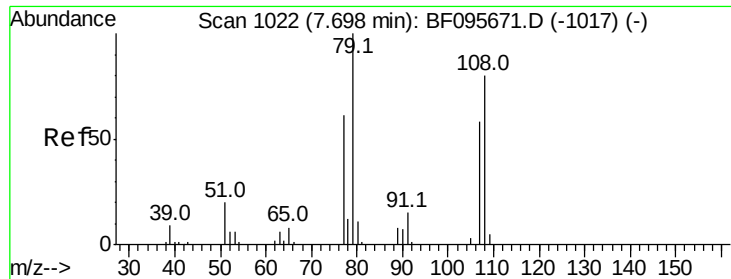
mohammad
 6/20/2017 4:29:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.75 ng
 RT: 7.56 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	42.9	38.2	57.4





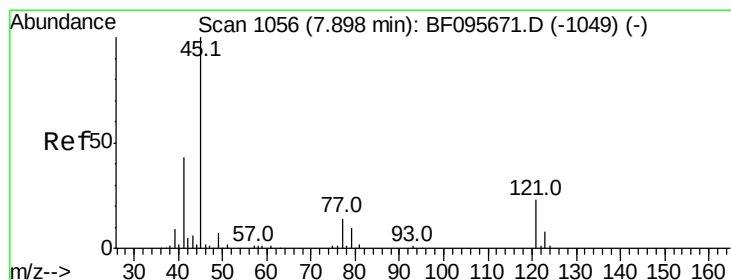
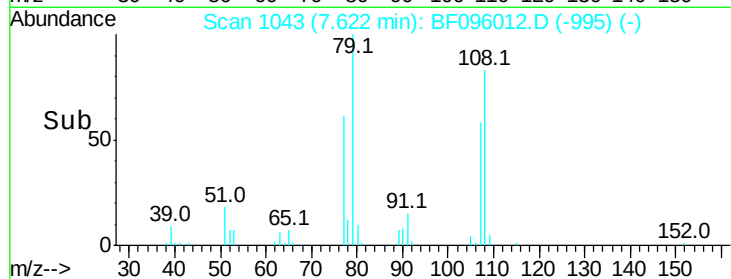
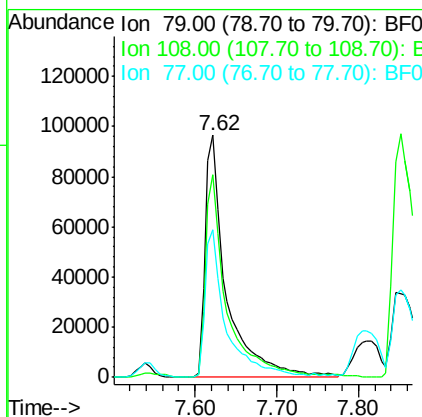
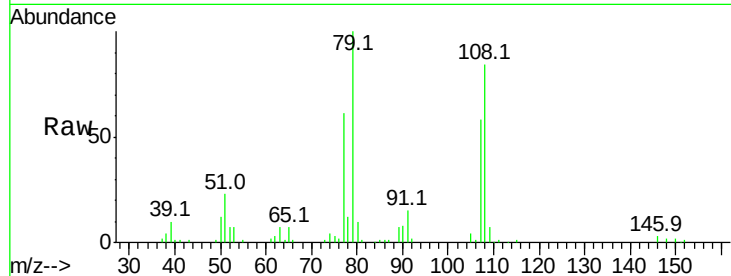
#15
Benzyl Alcohol
Concen: 49.02 ng
RT: 7.62 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.8	63.4	95.0
77	61.1	49.2	73.8

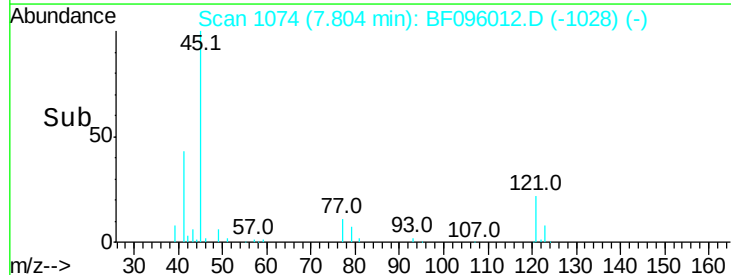
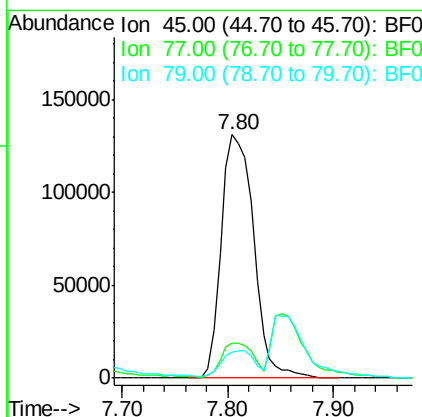
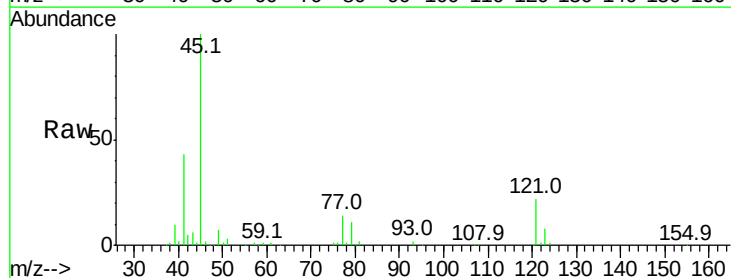
Manual Integrations
APPROVED

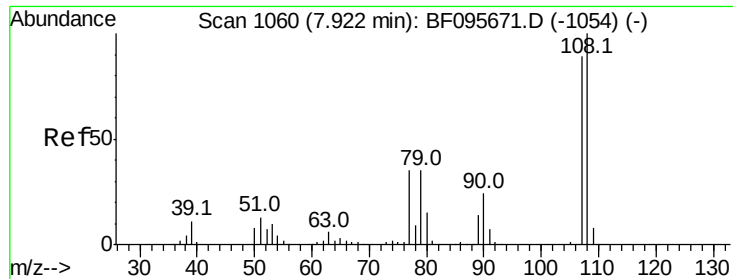
mohammad
6/20/2017 4:29:04 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.42 ng
RT: 7.80 min Scan# 1074
Delta R.T. -0.03 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.2
79	10.6	0.0	30.0





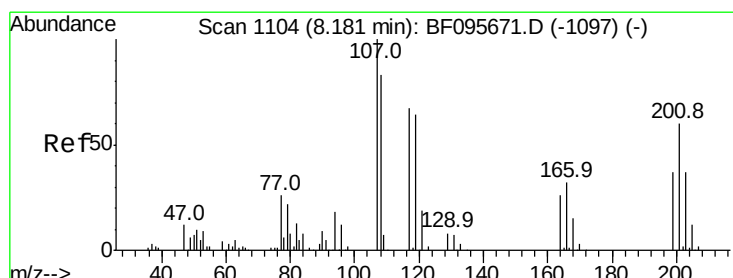
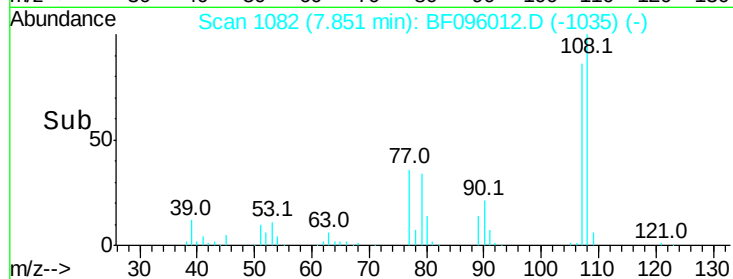
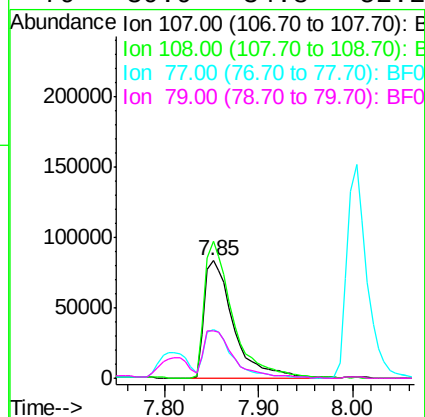
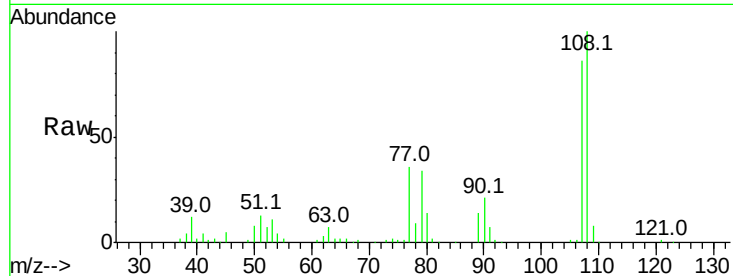
#17
2-Methylphenol
Concen: 47.20 ng
RT: 7.85 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampled :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	93.4	140.0	
77	41.7	35.8	53.6	
79	39.9	34.8	52.2	

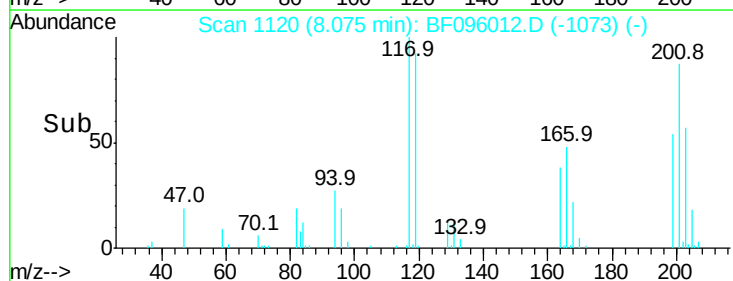
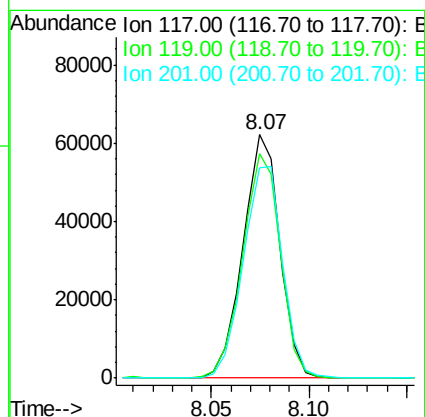
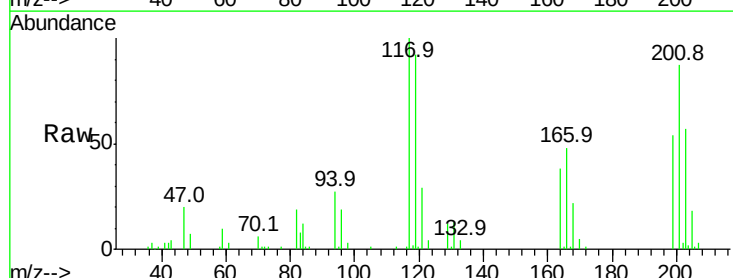
Manual Integrations
APPROVED

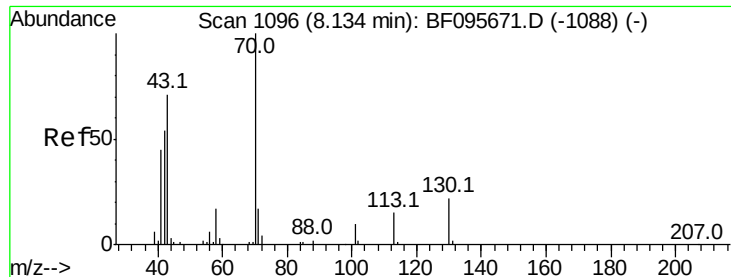
mohammad
6/20/2017 4:29:04 PM



#18
Hexachloroethane
Concen: 46.29 ng
RT: 8.07 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	77.4	116.0	
201	86.5	94.6	141.8#	





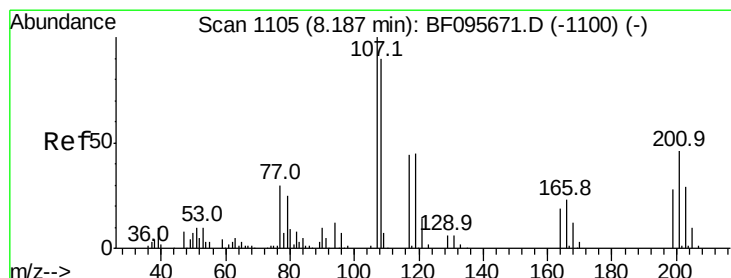
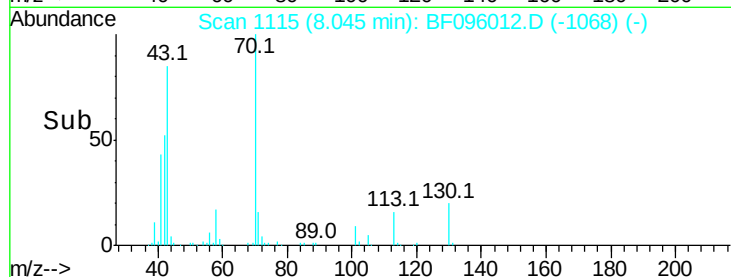
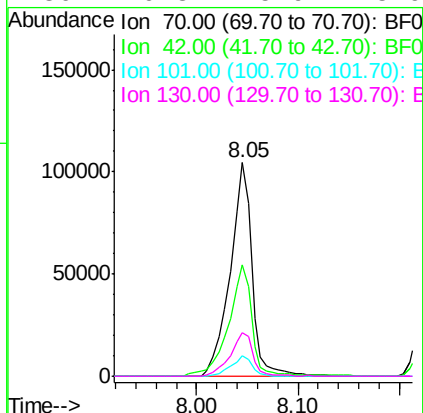
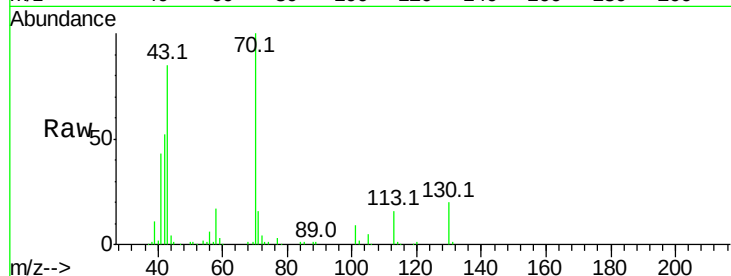
#19
n-Nitroso-di-n-propylamine
Concen: 47.31 ng
RT: 8.05 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.2	70.8
101	9.4	7.2	10.8
130	20.3	15.9	23.9

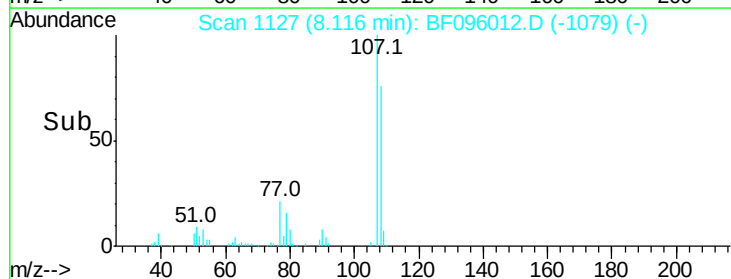
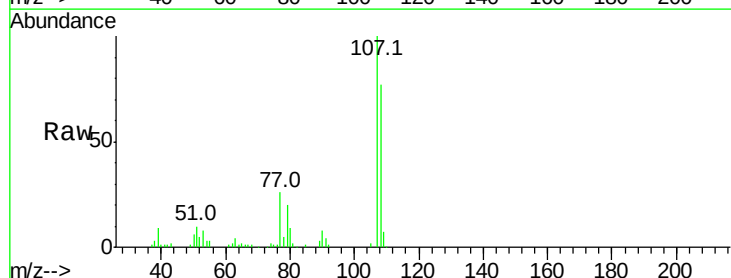
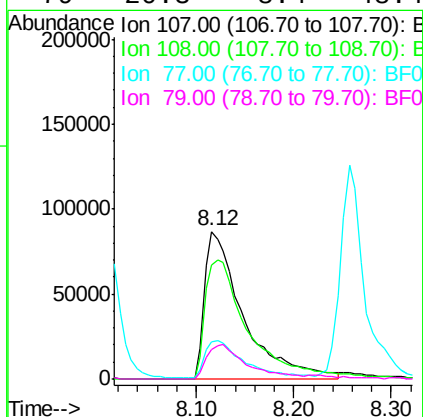
Manual Integrations
APPROVED

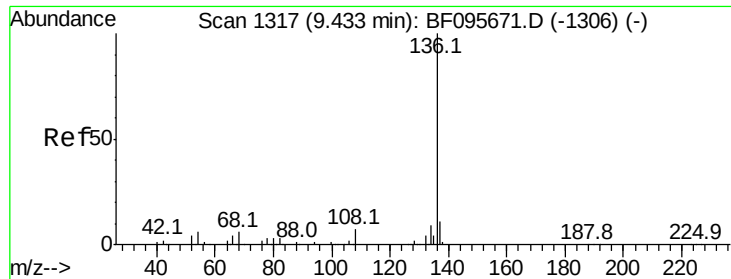
mohammad
6/20/2017 4:29:04 PM



#20
3+4-Methylphenols
Concen: 48.36 ng
RT: 8.12 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	77.0	71.0	111.0
77	25.6	90.5	130.5#
79	20.3	8.4	48.4





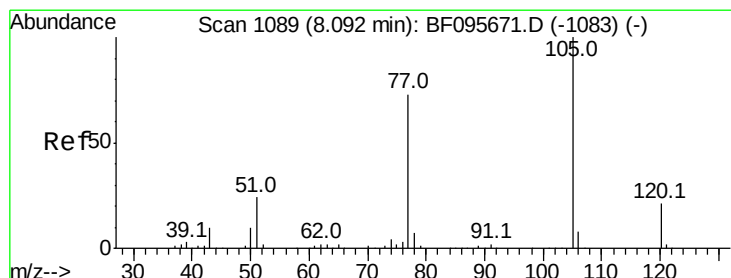
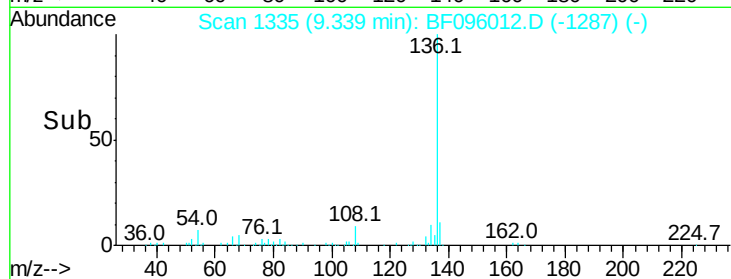
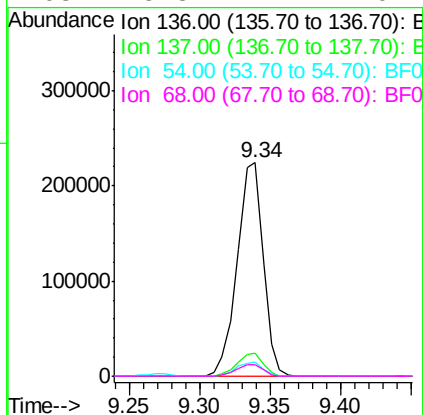
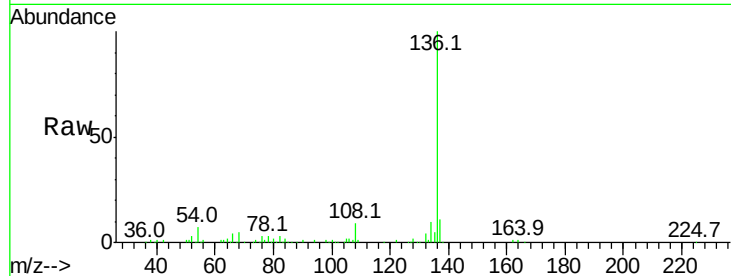
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	289842		
137	10.6	8.5	12.7	
54	6.7	4.9	7.3	
68	5.3	4.1	6.1	

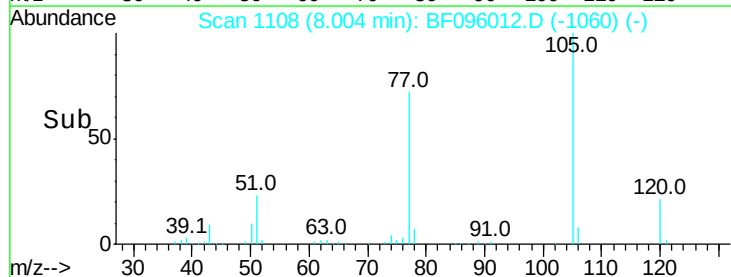
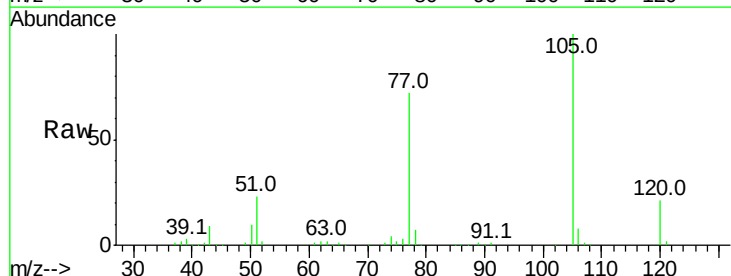
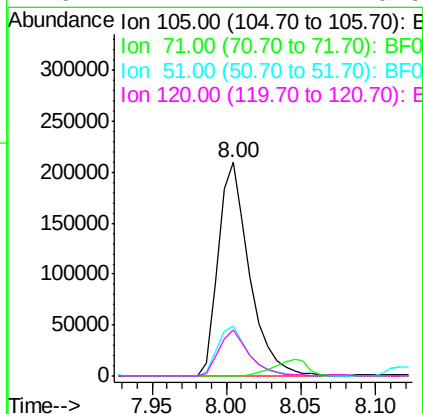
Manual Integrations
APPROVED

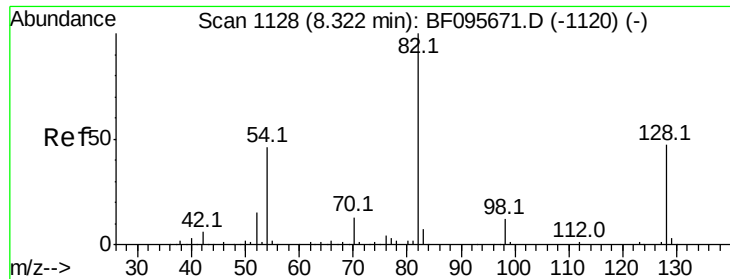
mohammad
6/20/2017 4:29:04 PM



#22
Acetophenone
Concen: 45.31 ng
RT: 8.00 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	307406		
71	0.0	2.8	4.2#	
51	23.1	30.7	46.1#	
120	21.4	17.4	26.0	





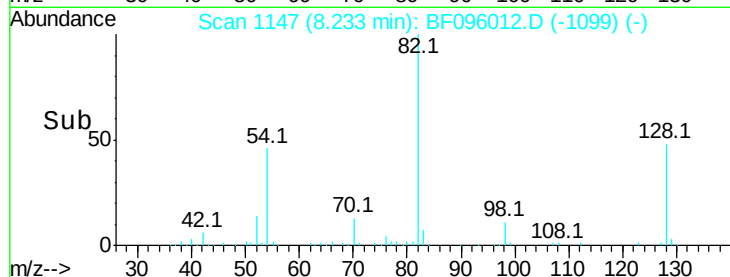
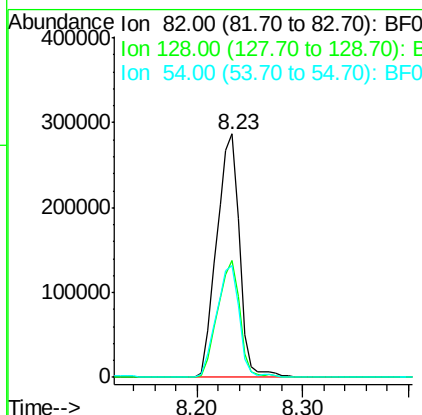
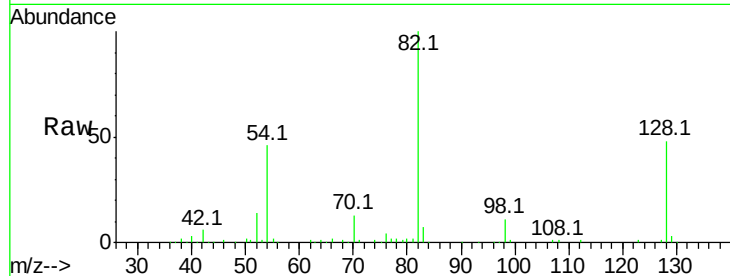
#23
 Nitrobenzene-d5
 Concen: 93.32 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	34.0	51.0	
54	45.9	42.2	63.2	

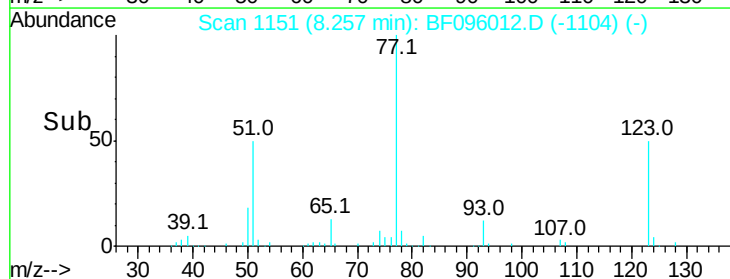
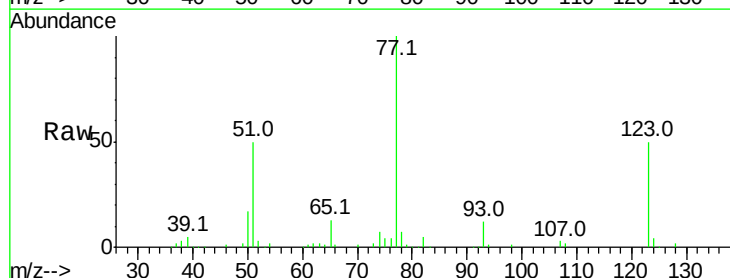
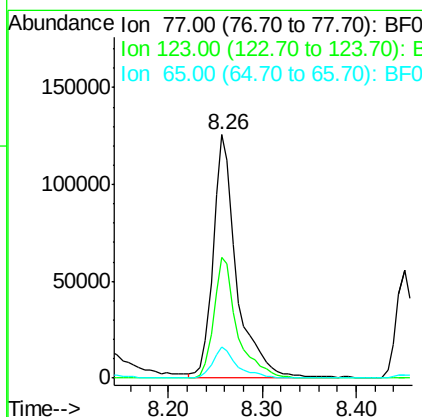
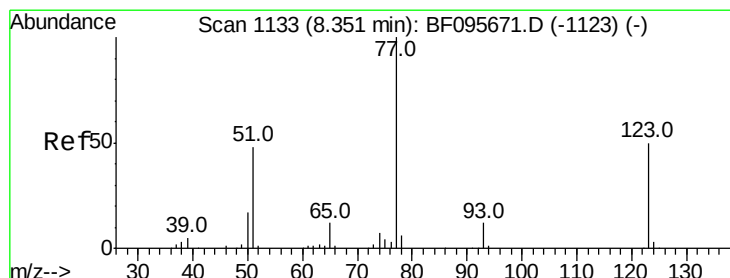
Manual Integrations
 APPROVED

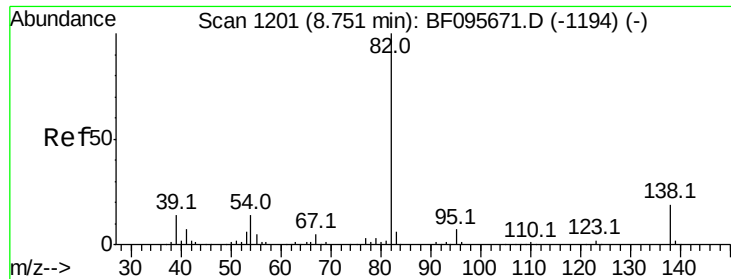
mohammad
 6/20/2017 4:29:04 PM



#24
 Nitrobenzene
 Concen: 43.40 ng
 RT: 8.26 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	35.8	53.8	
65	12.5	10.6	15.8	





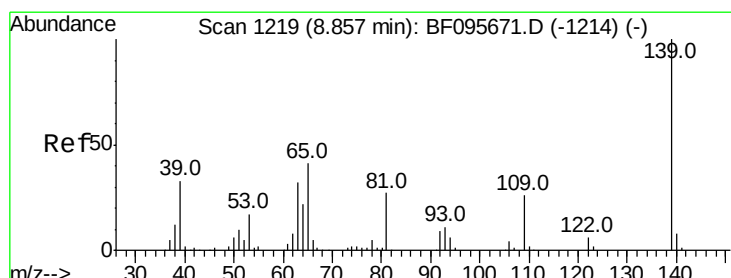
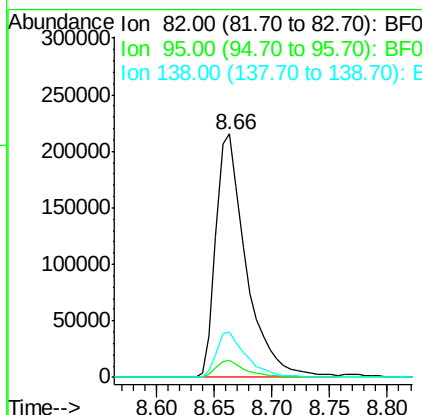
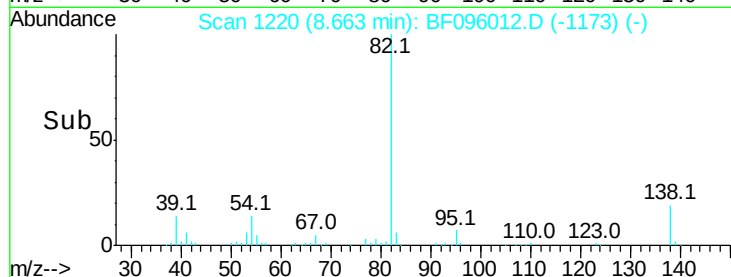
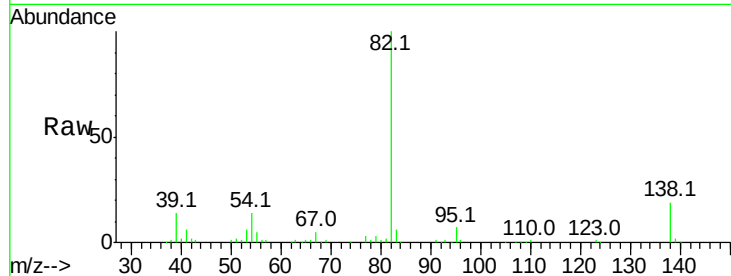
#25
Isophorone
Concen: 44.97 ng
RT: 8.66 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	391853		
95	6.8	5.3	7.9	
138	18.6	13.1	19.7	

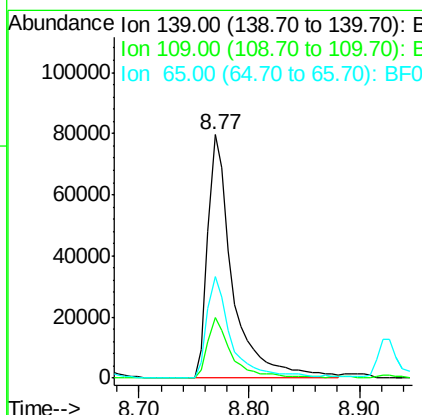
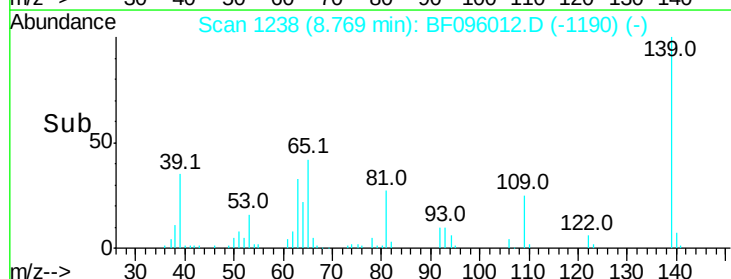
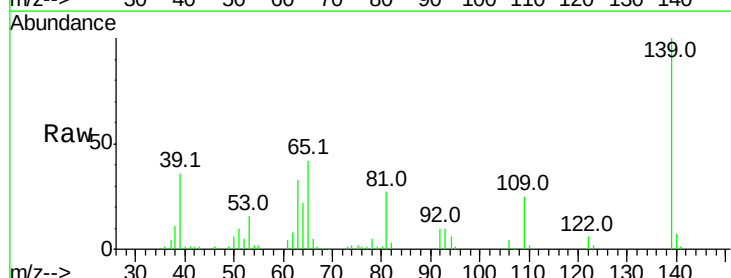
Manual Integrations
APPROVED

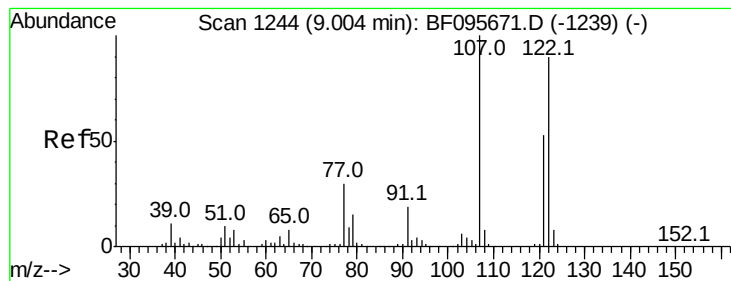
mohammad
6/20/2017 4:29:04 PM



#26
2-Nitrophenol
Concen: 47.05 ng
RT: 8.77 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	122837		
109	25.0	21.0	31.6	
65	41.5	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 48.31 ng

RT: 8.93 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

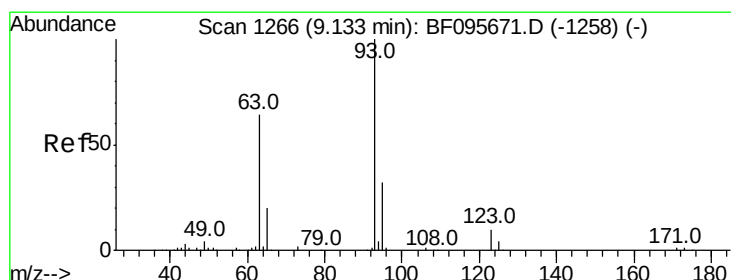
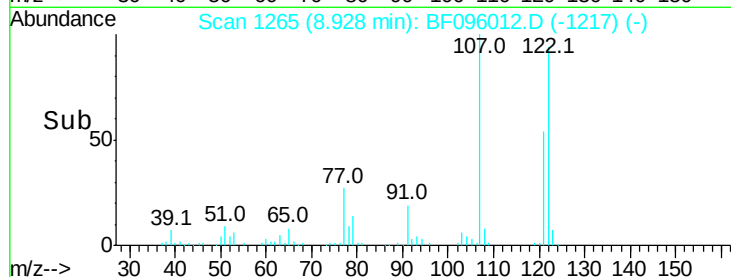
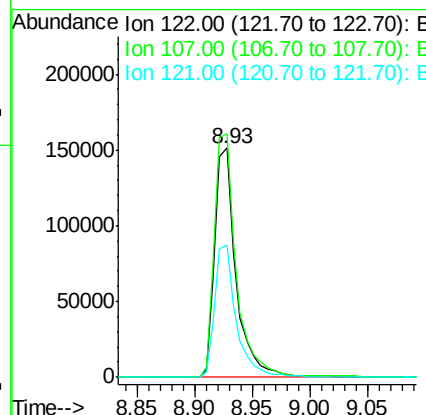
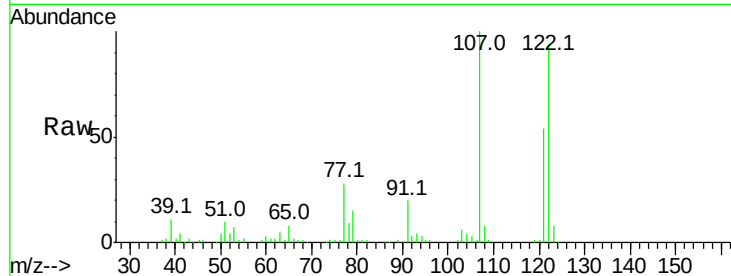
ClientSampleId :

PB99828BS

Tot Ion:	122	Resp:	195703
Ion Ratio	Lower	Upper	
122	100		
107	106.2	89.2	133.8
121	57.8	45.2	67.8

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



#28

bis(2-Chloroethoxy)methane

Concen: 45.54 ng

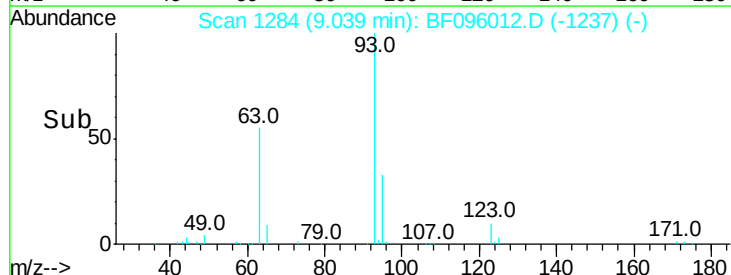
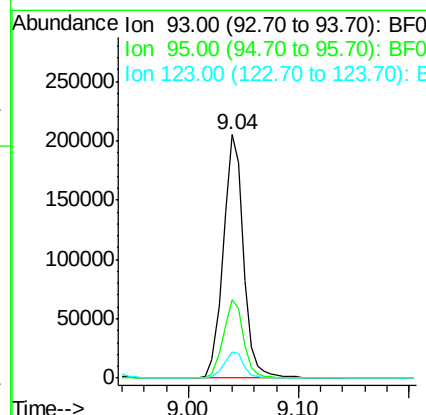
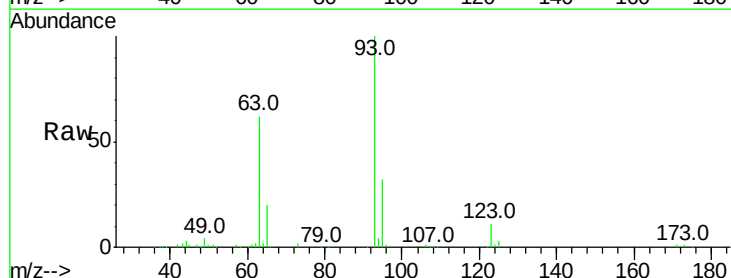
RT: 9.04 min Scan# 1284

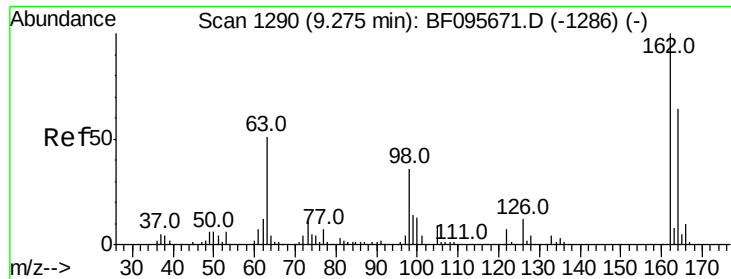
Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:	93	Resp:	261582
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	10.6	9.0	13.4





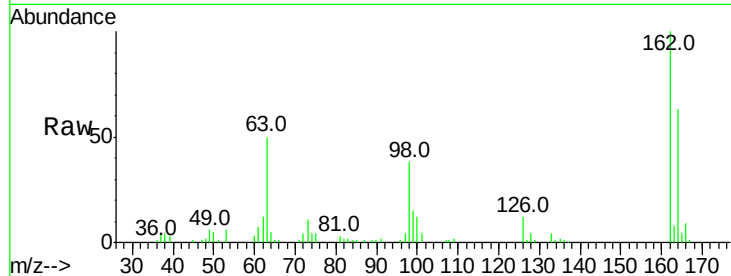
#29
 2,4-Dichlorophenol
 Concen: 45.05 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

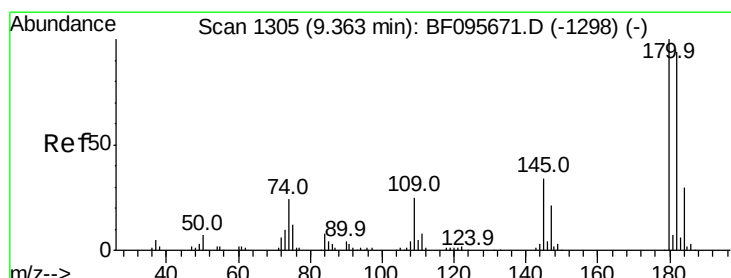
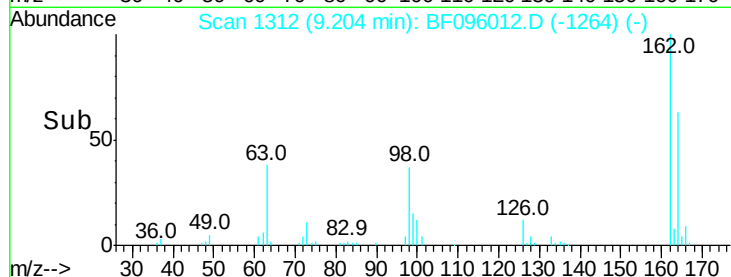
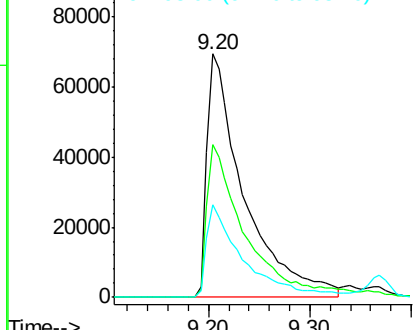
Tot Ion	Ratio	Resp	Lower	Upper
162	100	175778		
164	62.7		44.6	84.6
98	37.8		14.8	54.8

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:04 PM



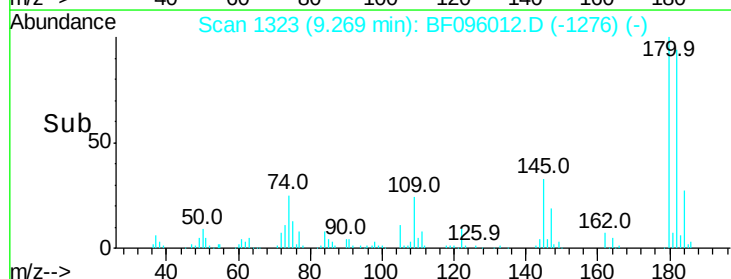
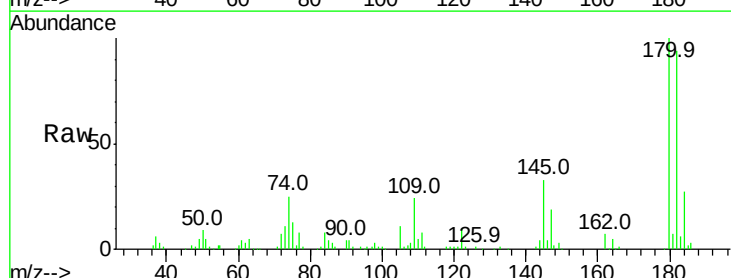
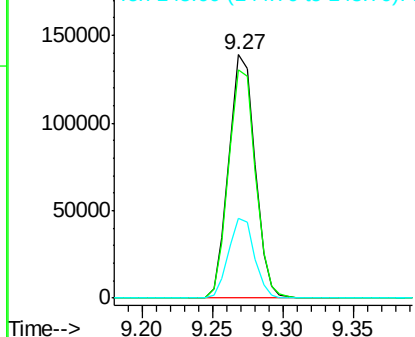
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

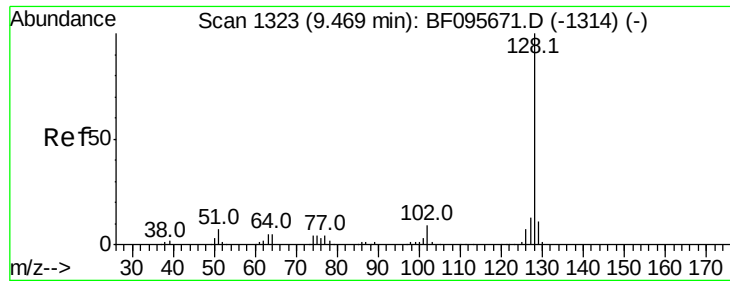


#30
 1,2,4-Trichlorobenzene
 Concen: 44.79 ng
 RT: 9.27 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181826		
182	93.7		75.8	113.6
145	32.9		25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





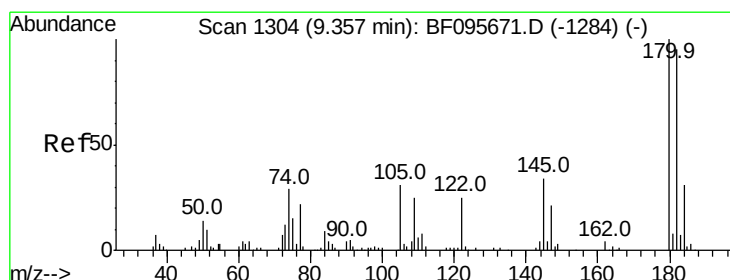
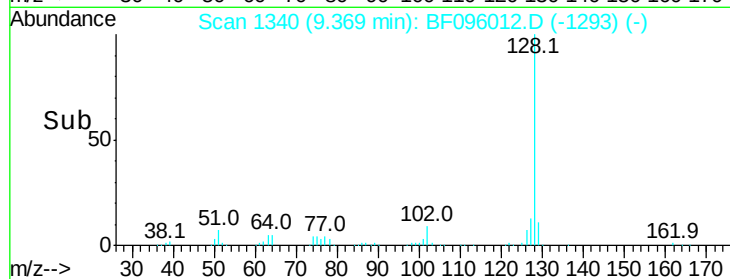
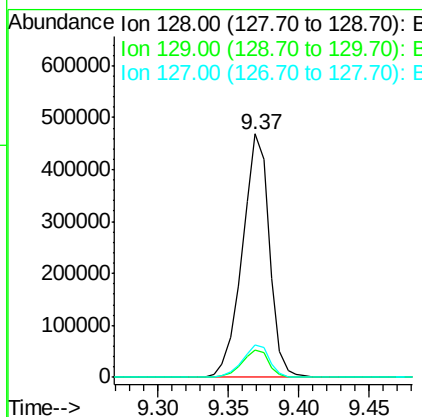
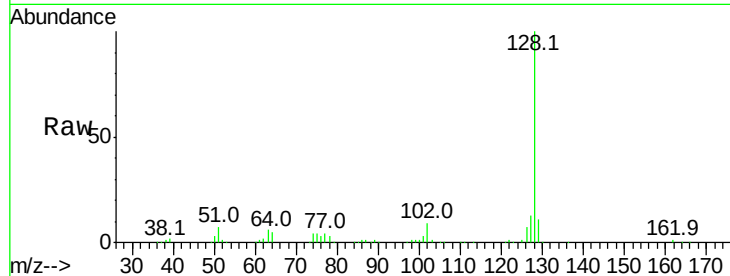
#31
Naphthalene
Concen: 43.15 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.2	10.8	16.2

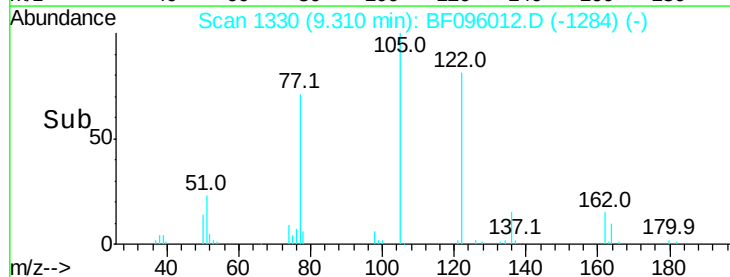
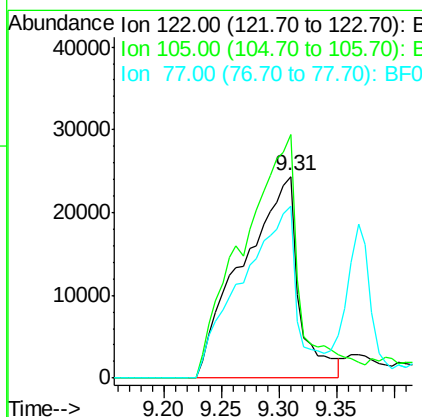
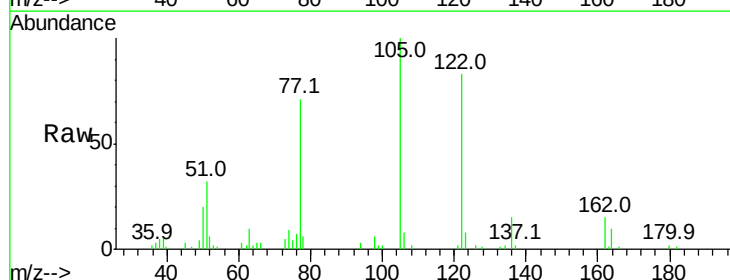
Manual Integrations
APPROVED

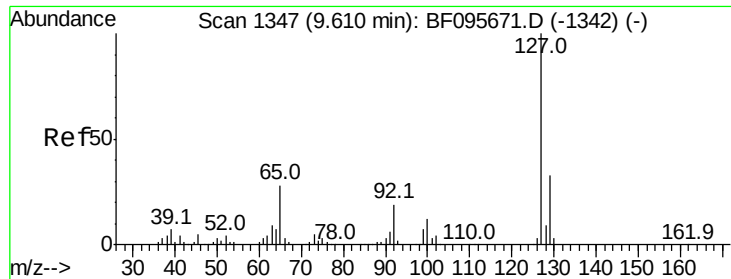
mohammad
6/20/2017 4:29:04 PM



#32
Benzoic acid
Concen: 34.14 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	103.3	143.3
77	85.5	73.7	113.7





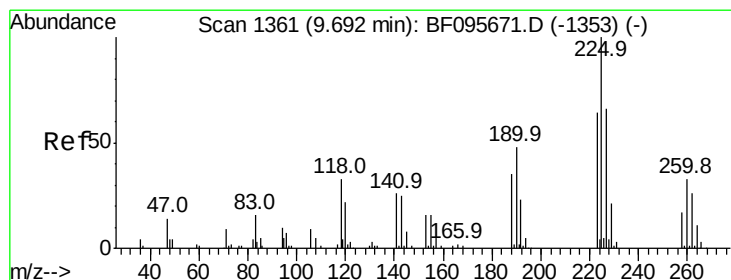
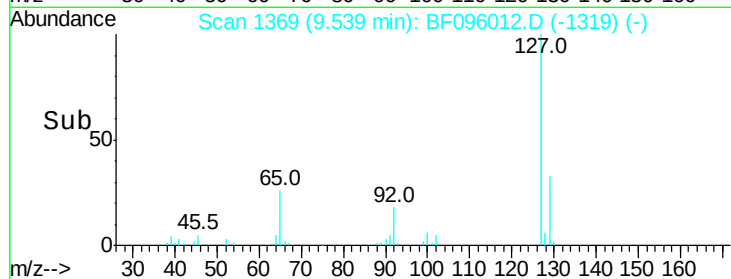
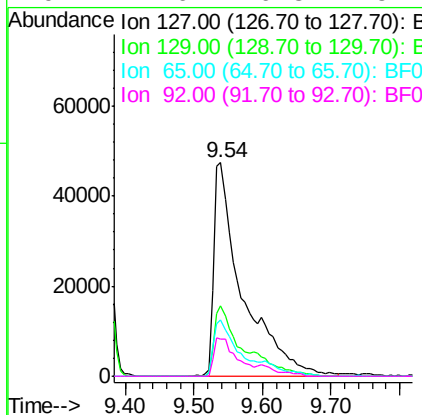
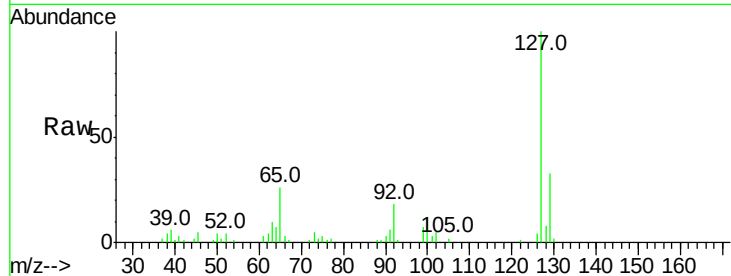
#33
 4-Chloroaniline
 Concen: 23.87 ng
 RT: 9.54 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	26.3	27.8	41.8
92	17.6	16.8	25.2

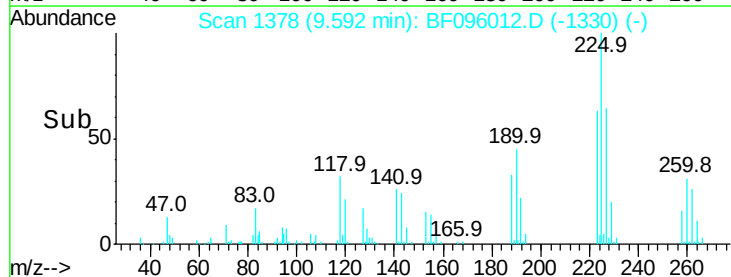
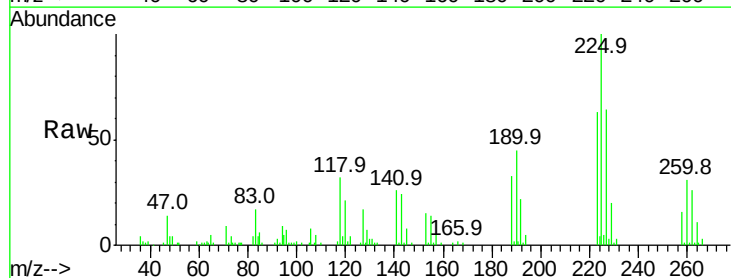
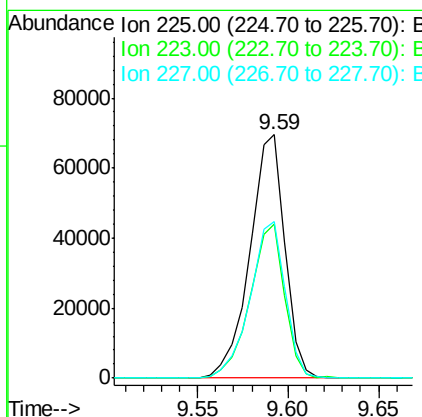
Manual Integrations
 APPROVED

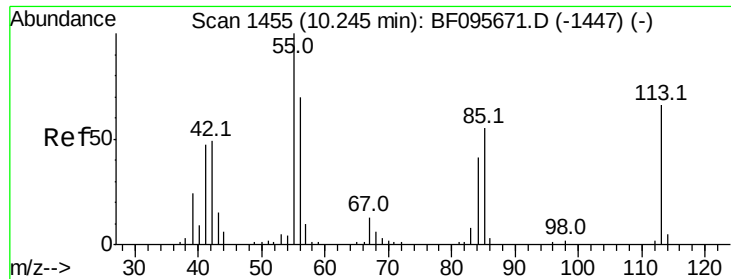
mohammad
 6/20/2017 4:29:04 PM



#34
 Hexachlorobutadiene
 Concen: 44.37 ng
 RT: 9.59 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	64.2	51.1	76.7





#35

Caprolactam

Concen: 48.32 ng/mL

RT: 10.17 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

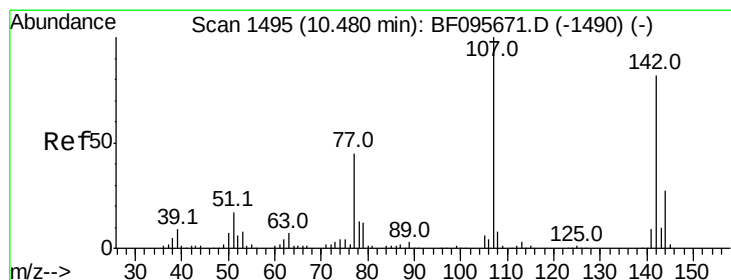
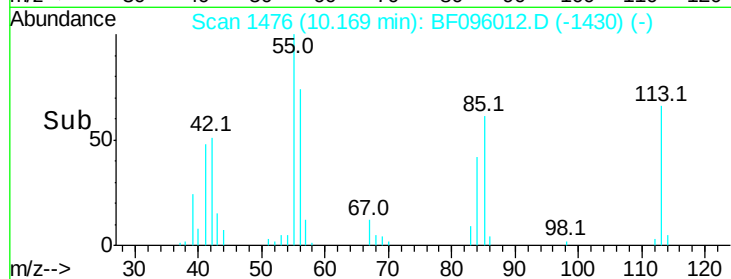
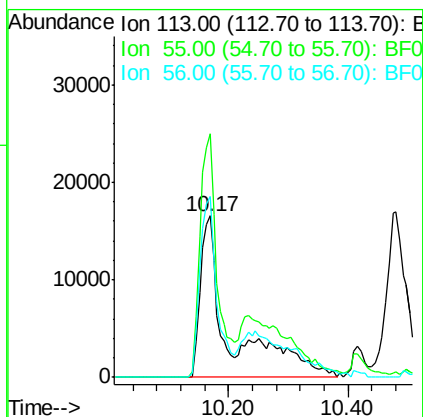
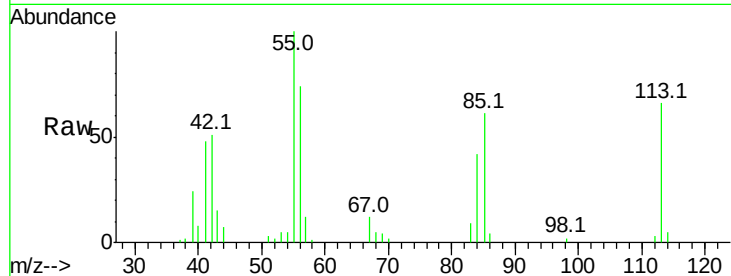
ClientSampleID :

PB99828BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.7	150.2	190.2
56	111.9	107.8	147.8

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



#36

4-Chloro-3-methylphenol

Concen: 45.58 ng/mL

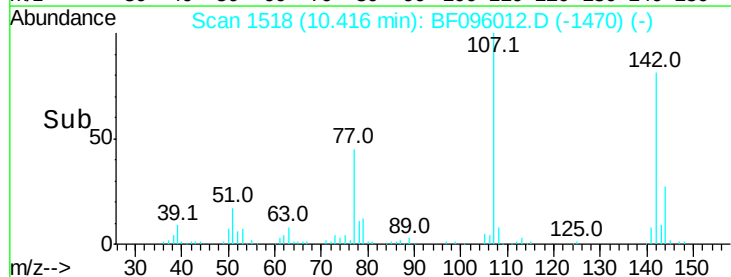
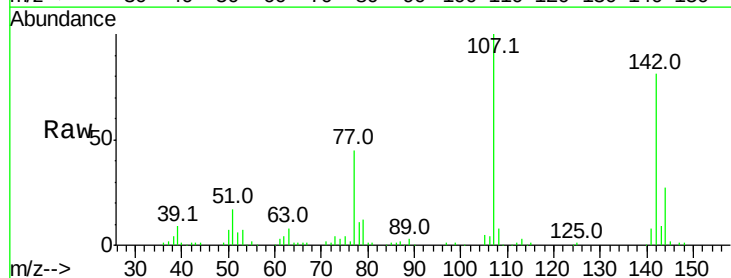
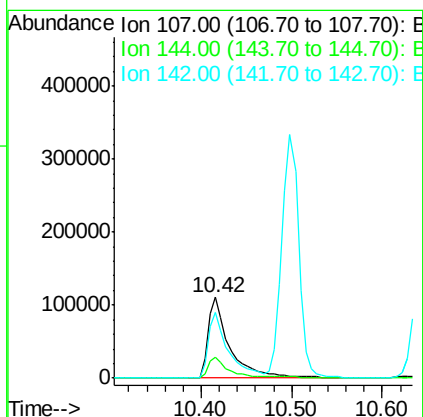
RT: 10.42 min Scan# 1518

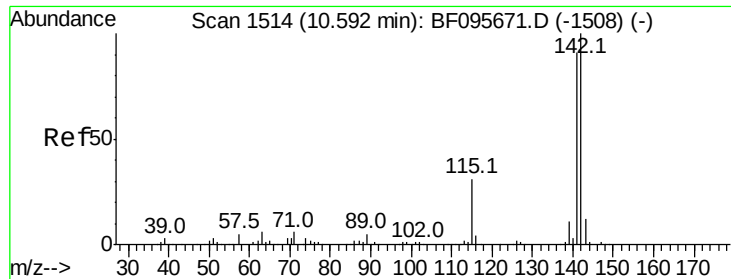
Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	24.2	36.4
142	81.3	73.4	110.0





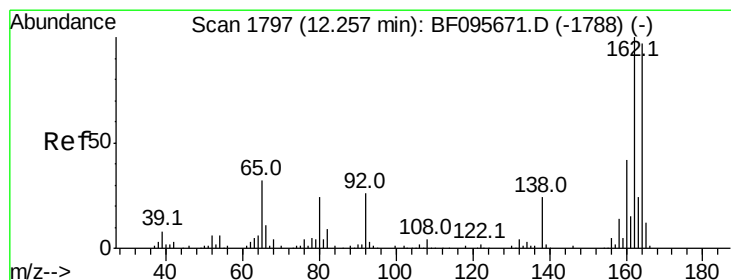
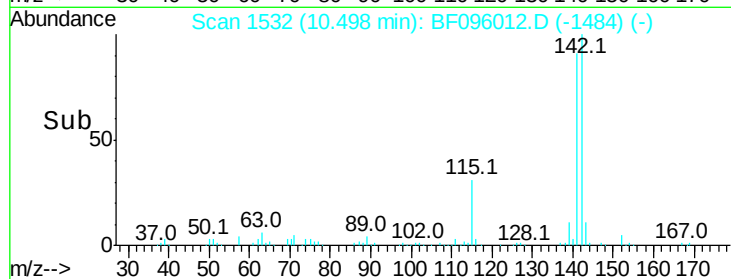
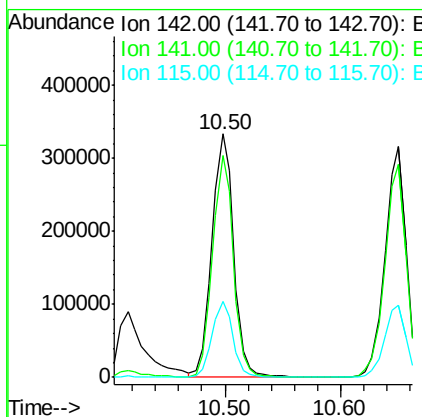
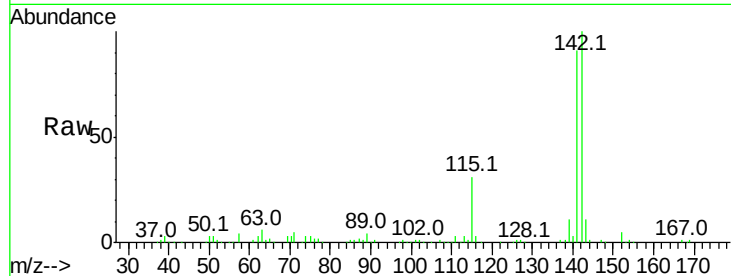
#37
2-Methylnaphthalene
Concen: 44.48 ng
RT: 10.50 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	437160		
141	91.2	71.3	106.9	
115	31.3	27.1	40.7	

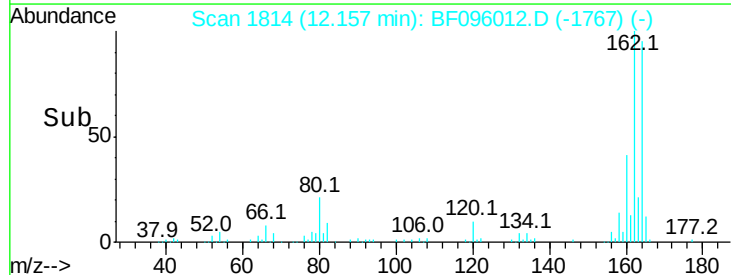
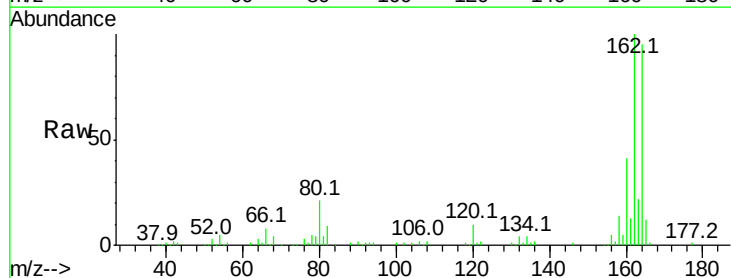
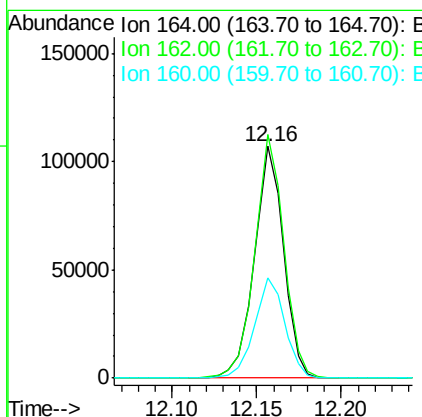
Manual Integrations
APPROVED

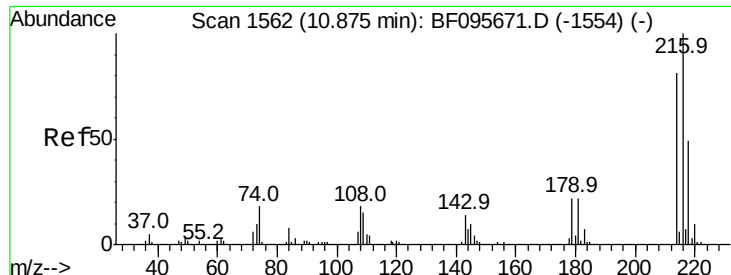
mohammad
6/20/2017 4:29:04 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128962		
162	105.0	82.6	123.8	
160	43.3	36.2	54.2	





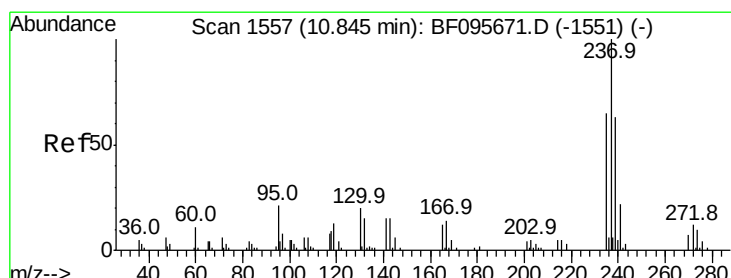
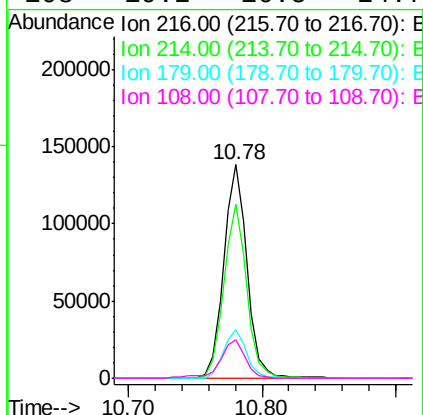
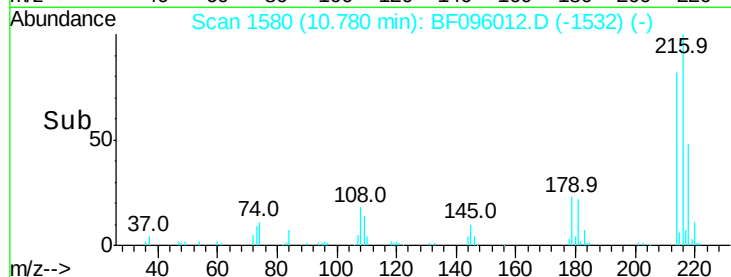
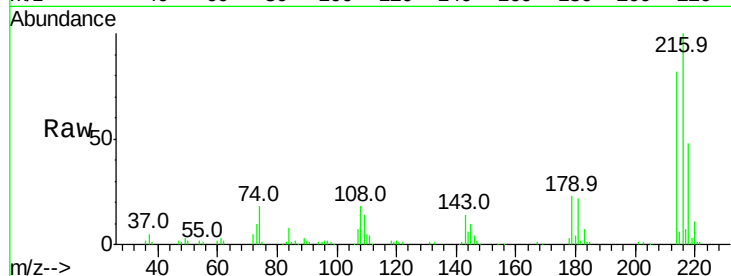
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.00 ng
 RT: 10.78 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	169820		
214	80.2		63.4	95.2
179	22.5		17.9	26.9
108	19.2		16.5	24.7

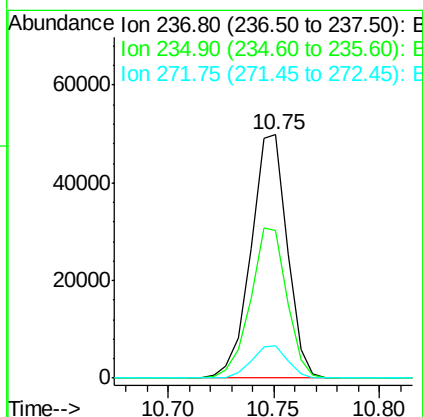
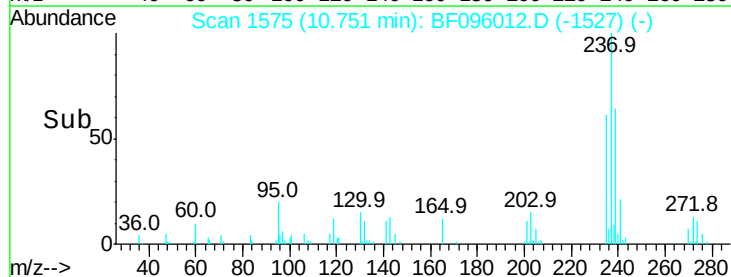
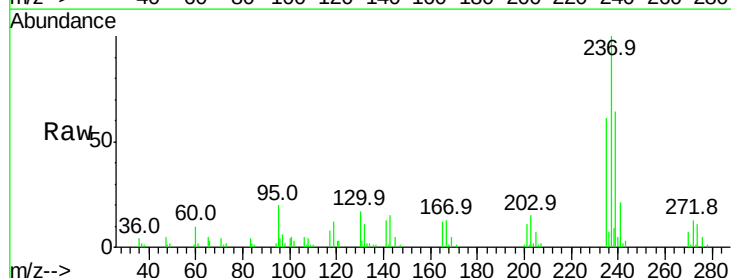
Manual Integrations
 APPROVED

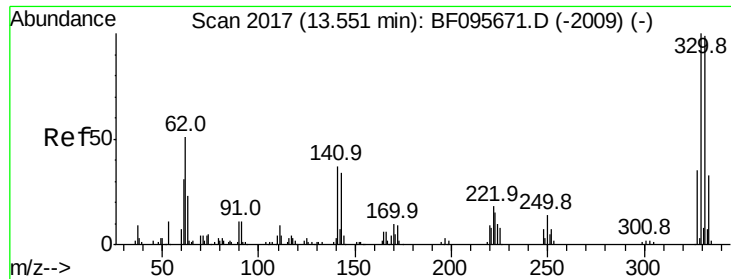
mohammad
 6/20/2017 4:29:04 PM



#40
 Hexachlorocyclopentadiene
 Concen: 53.57 ng
 RT: 10.75 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	59582		
235	60.7		42.6	82.6
272	13.3		0.0	31.9





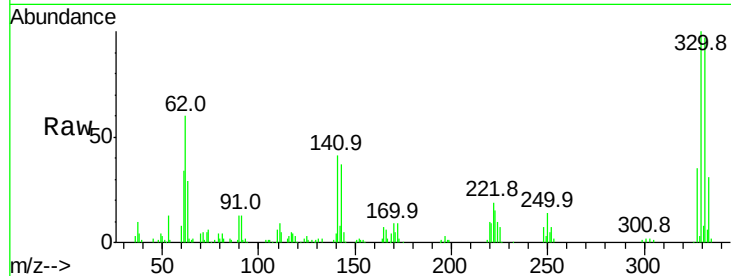
#41
 2,4,6-Tribromophenol
 Concen: 126.96 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampled :
 PB99828BS

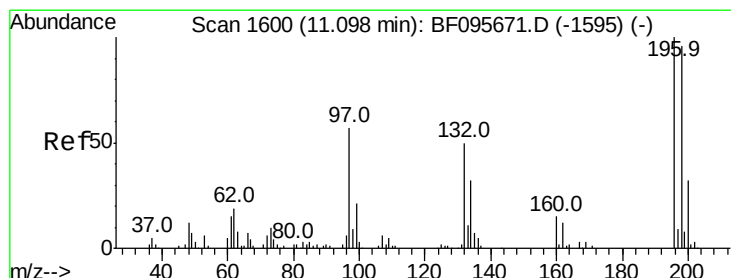
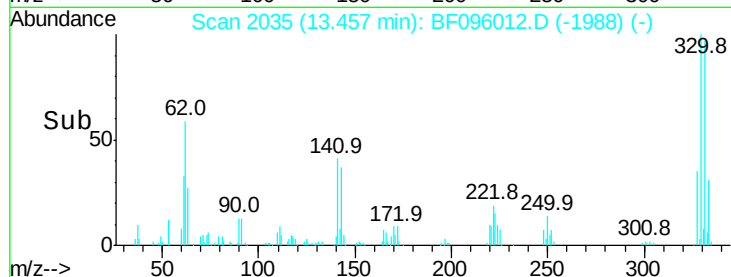
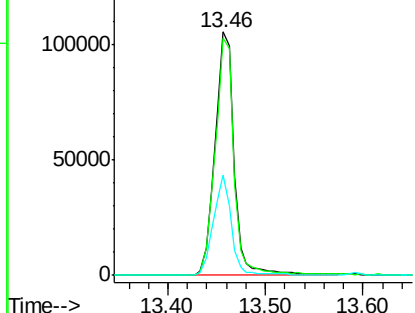
Tot Ion	Ratio	Resp	Lower	Upper
330	100	144866		
332	95.6	76.6	115.0	
141	38.1	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:04 PM



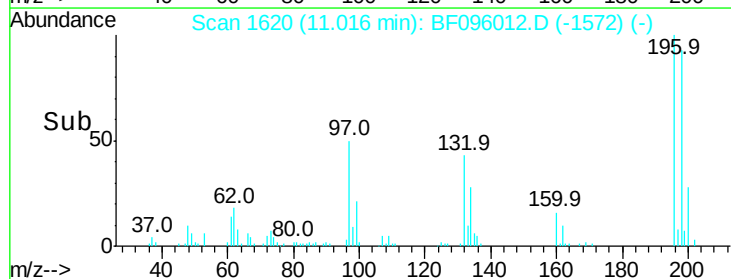
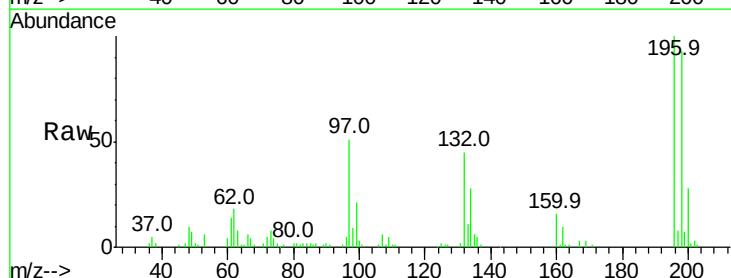
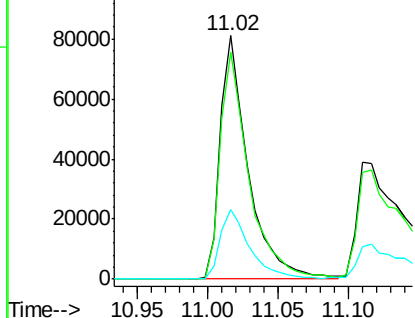
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

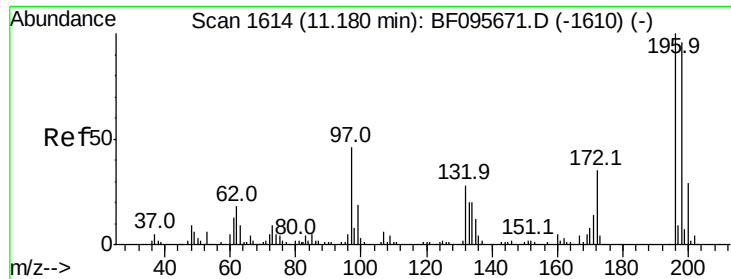


#42
 2,4,6-Trichlorophenol
 Concen: 45.27 ng
 RT: 11.02 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112331		
198	93.0	74.2	111.4	
200	28.4	24.0	36.0	

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





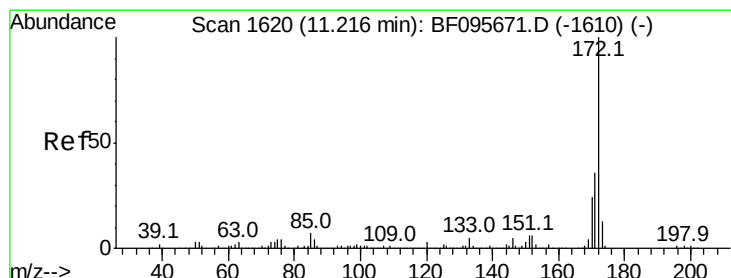
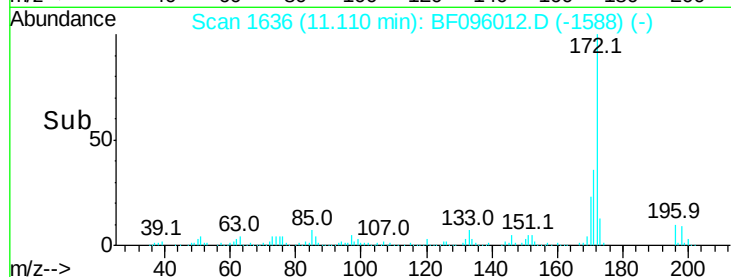
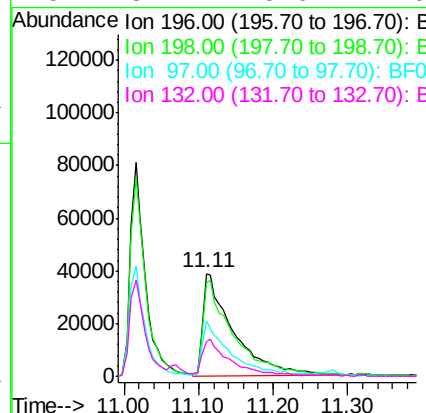
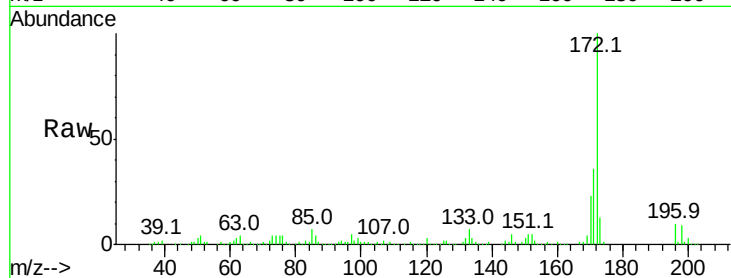
#43
 2,4,5-Trichlorophenol
 Concen: 40.80 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107691		
198	91.5	75.7	113.5	
97	53.0	47.7	71.5	
132	34.2	28.0	42.0	

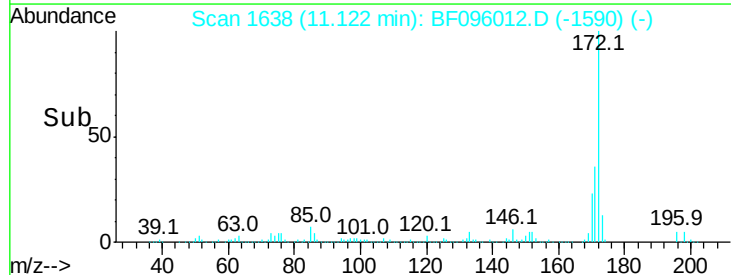
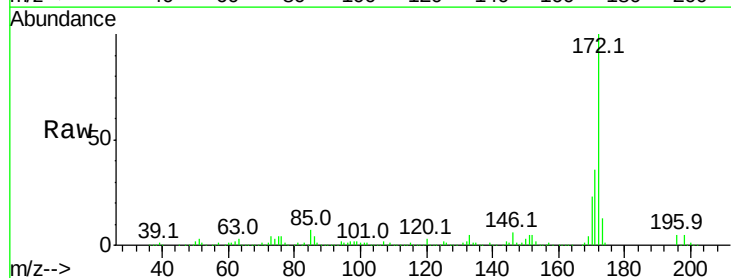
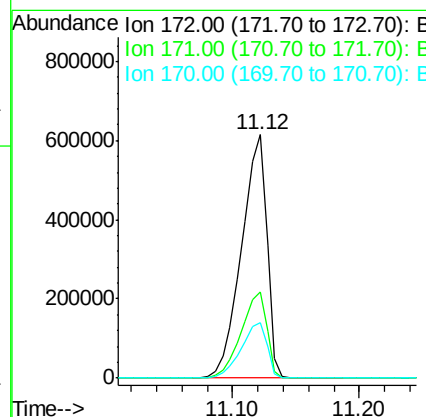
Manual Integrations
 APPROVED

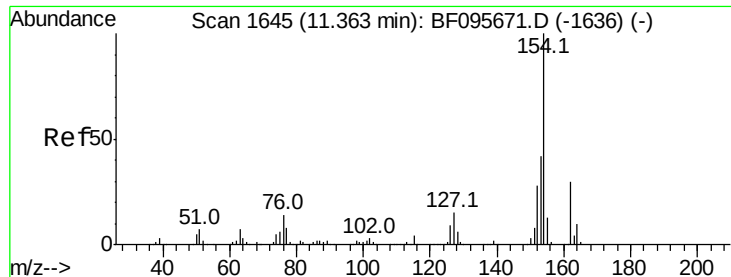
mohammad
 6/20/2017 4:29:04 PM



#44
 2-Fluorobiphenyl
 Concen: 91.70 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	849778		
171	35.6	29.6	44.4	
170	22.9	19.8	29.8	





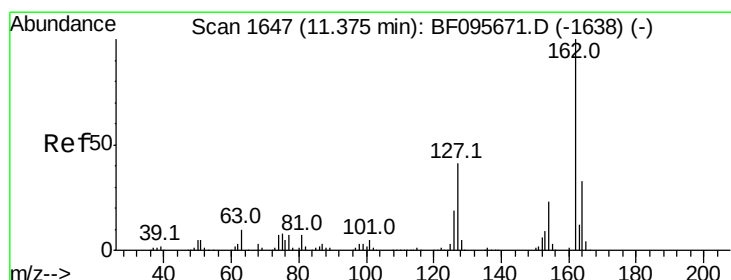
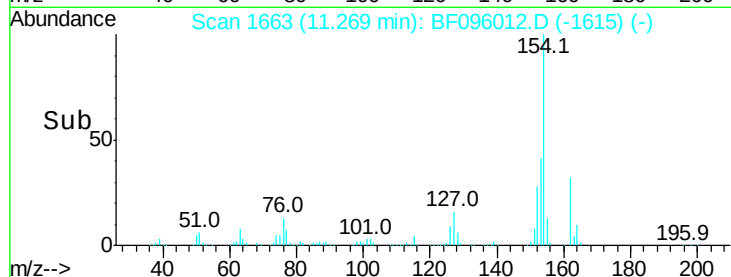
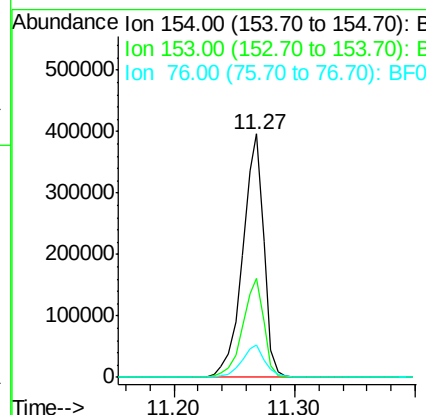
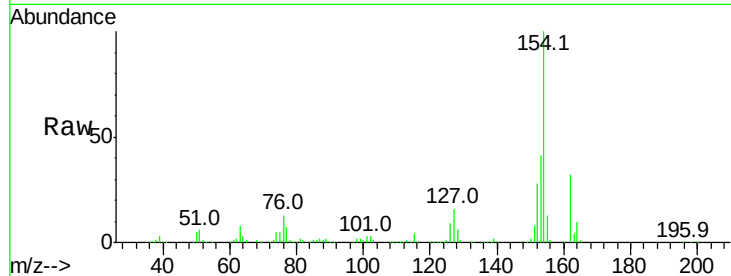
#45
 1,1'-Biphenyl
 Concen: 45.25 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampled :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.2	61.2	
76	13.3	0.0	29.9	

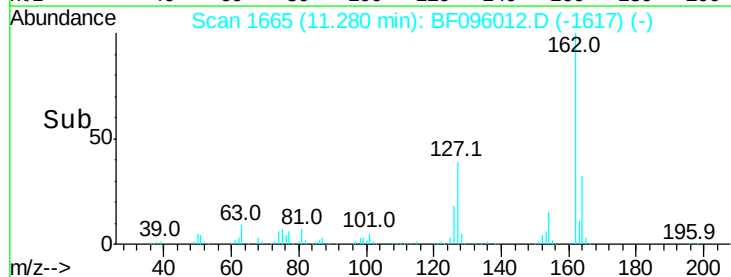
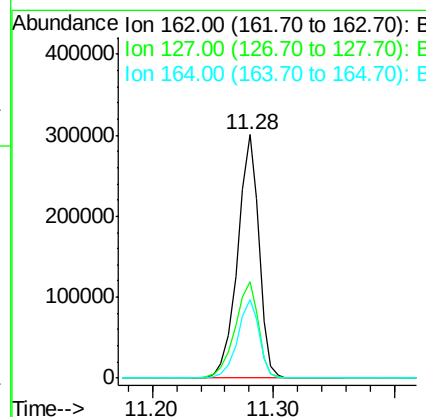
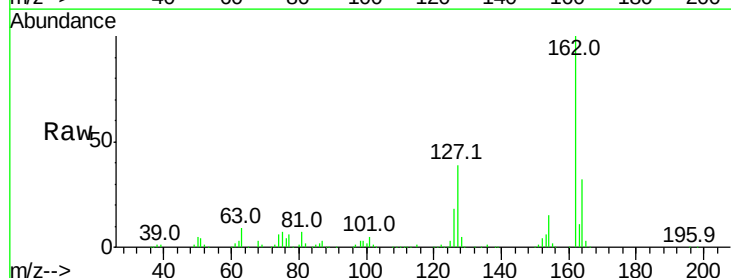
Manual Integrations
 APPROVED

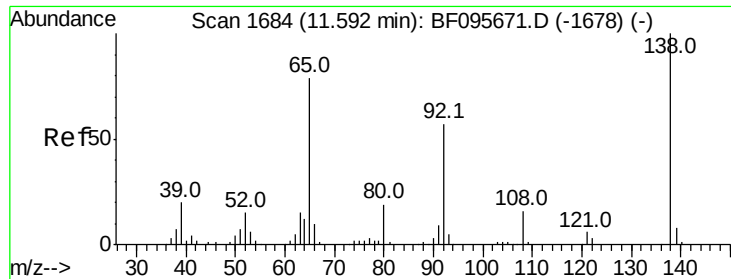
mohammad
 6/20/2017 4:29:04 PM



#46
 2-Chloronaphthalene
 Concen: 44.66 ng
 RT: 11.28 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	28.3	42.5	
164	32.0	27.0	40.4	





#47

2-Nitroaniline

Concen: 44.10 ng

RT: 11.51 min Scan# 1704

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tot Ion: 65 Resp: 107163

Ion Ratio Lower Upper

65 100

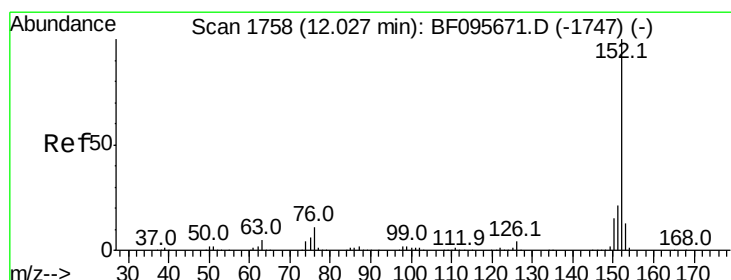
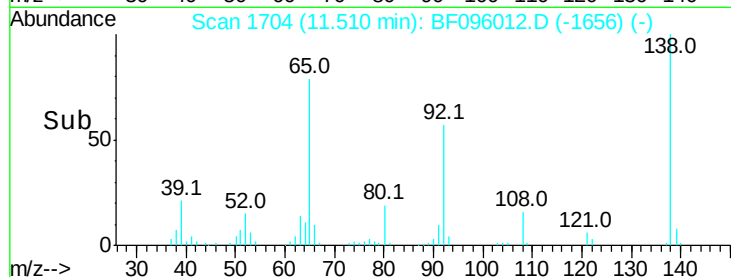
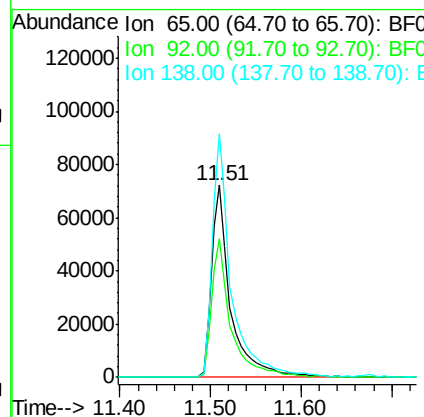
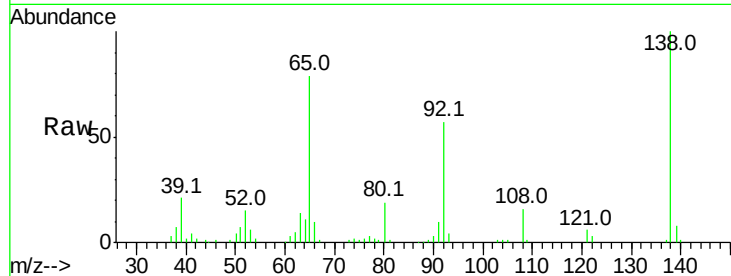
92 72.6 53.9 80.9

138 126.9 78.8 118.2#

Manual Integrations
APPROVED

mohammad

6/20/2017 4:29:04 PM



#48

Acenaphthylene

Concen: 39.87 ng

RT: 11.93 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

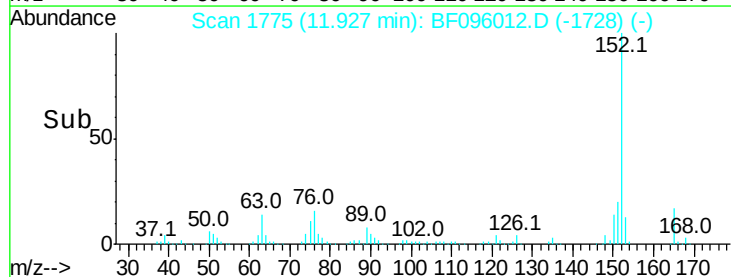
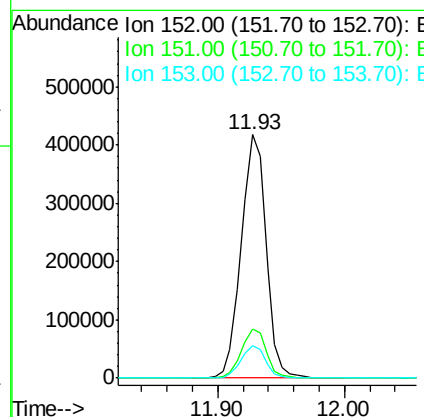
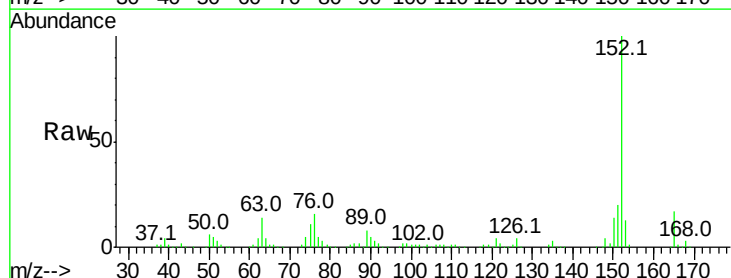
Tgt Ion: 152 Resp: 566186

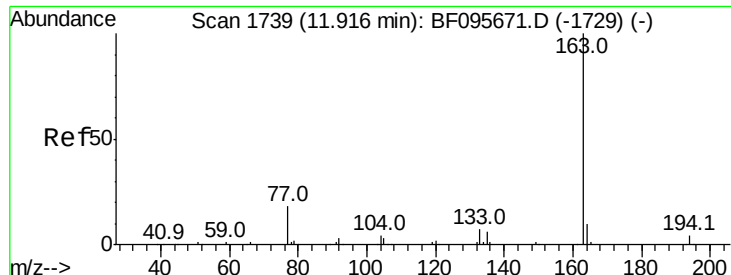
Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

153 13.1 10.8 16.2





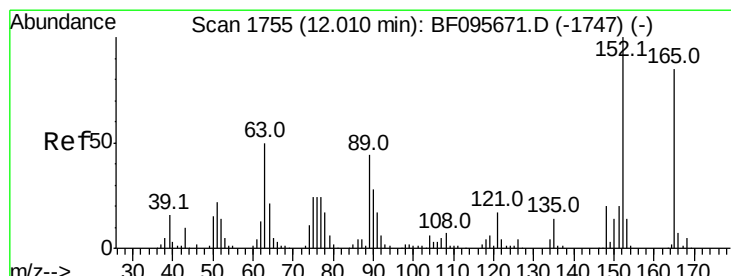
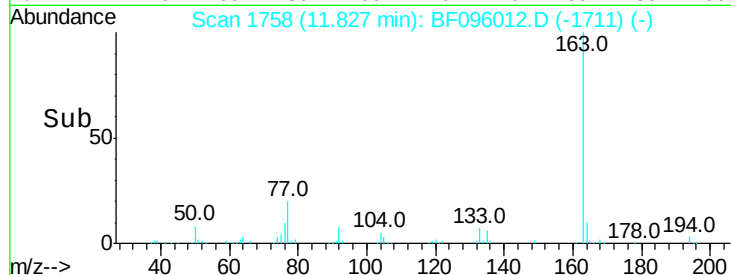
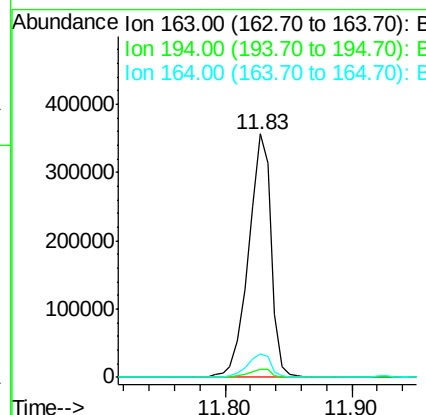
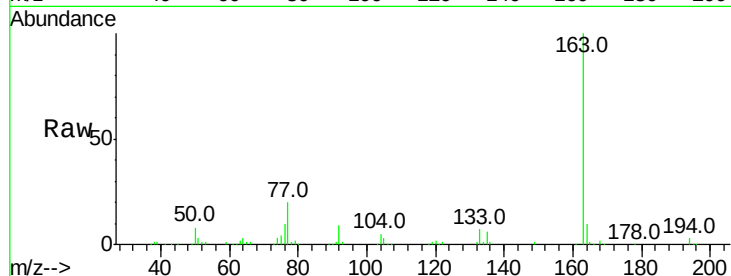
#49
Dimethylphthalate
Concen: 45.01 ng
RT: 11.83 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	440691		
194	3.3	2.6	4.0	
164	9.6	8.4	12.6	

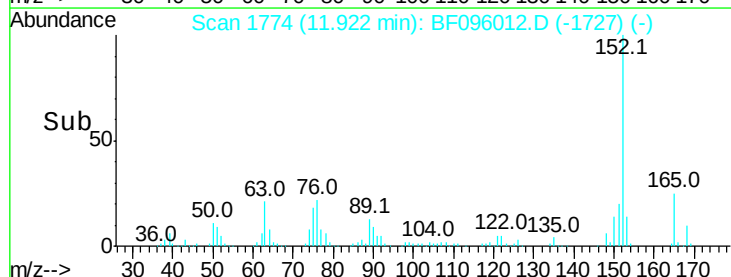
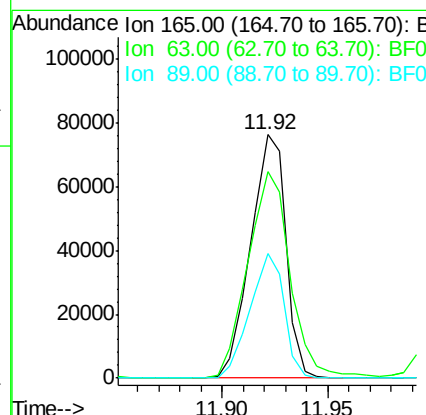
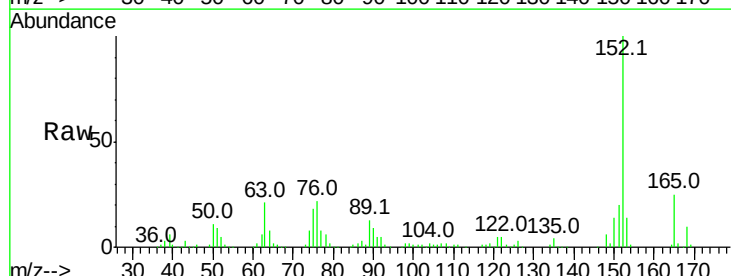
Manual Integrations
APPROVED

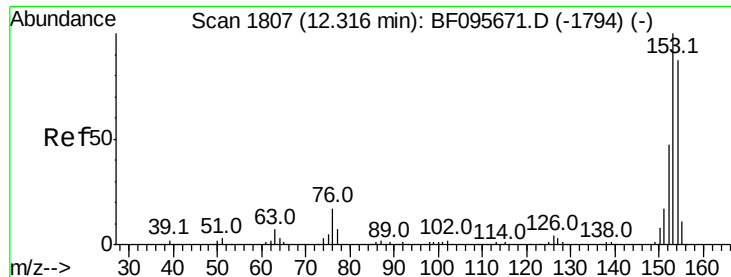
mohammad
6/20/2017 4:29:04 PM



#50
2,6-Dinitrotoluene
Concen: 41.56 ng
RT: 11.92 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	88767		
63	84.6	34.3	51.5#	
89	51.0	37.1	55.7	





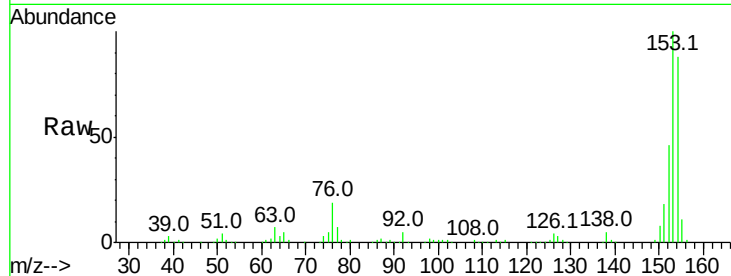
#51
Acenaphthene
Concen: 41.73 ng
RT: 12.21 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	52.4	43.6	65.4

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM

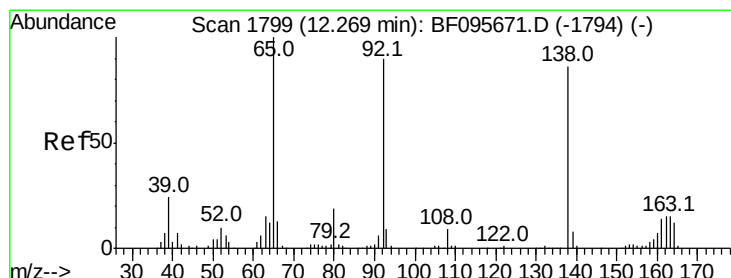
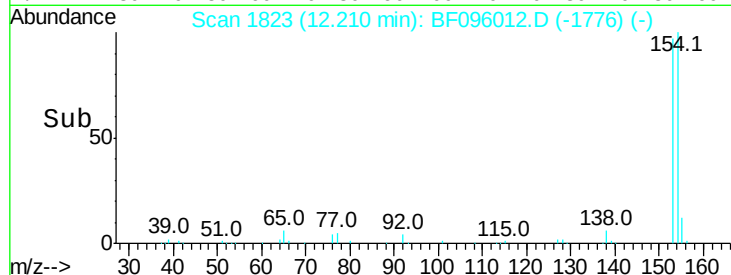
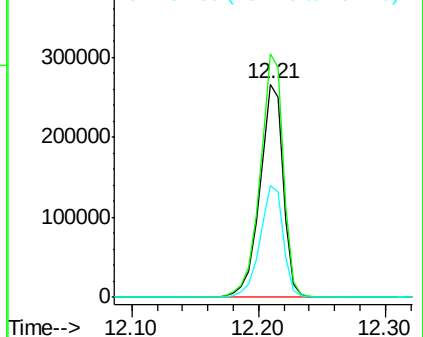


Abundance

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: 27.40 ng
RT: 12.19 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

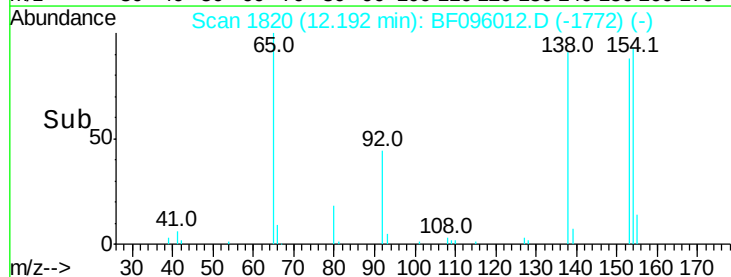
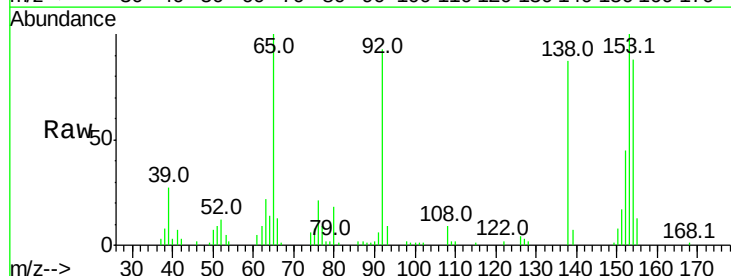
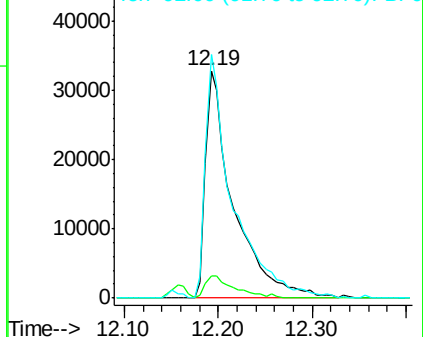
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	107.2	93.8	140.6

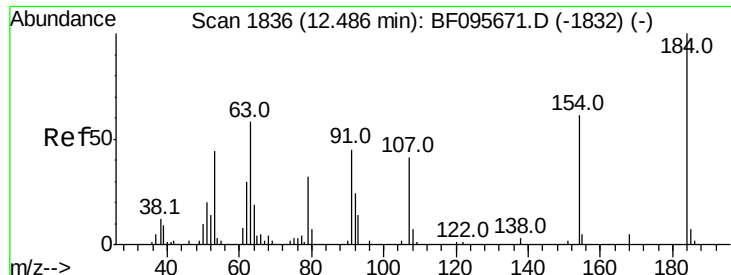
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





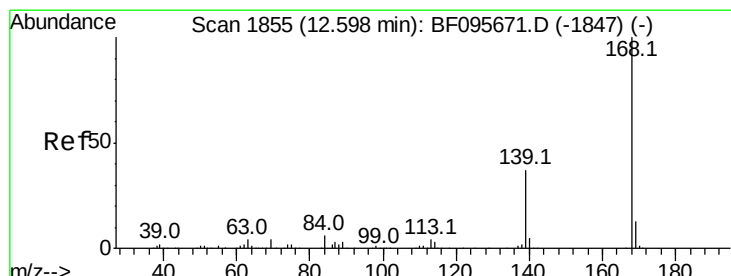
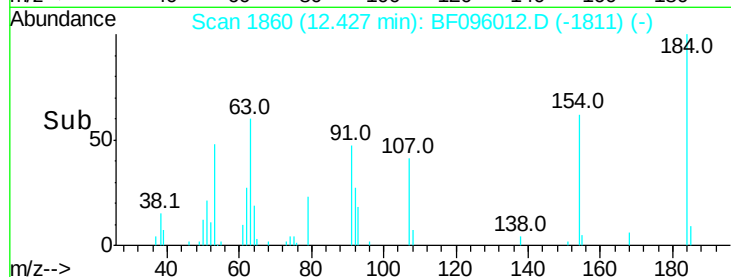
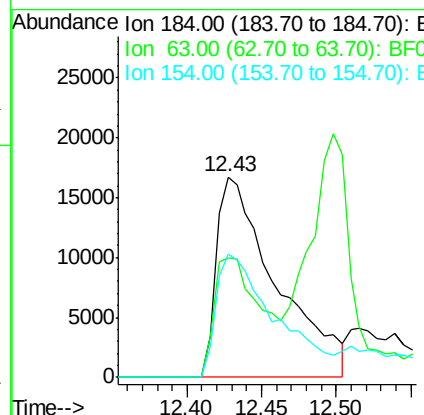
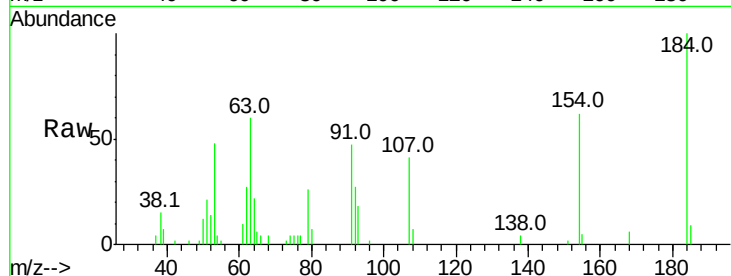
#53
 2,4-Dinitrophenol
 Concen: 41.99 ng
 RT: 12.43 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampled :
 PB99828BS

Tot Ion:184 Resp: 46736
 Ion Ratio Lower Upper
 184 100
 63 59.7 62.7 94.1#
 154 61.7 81.1 121.7#

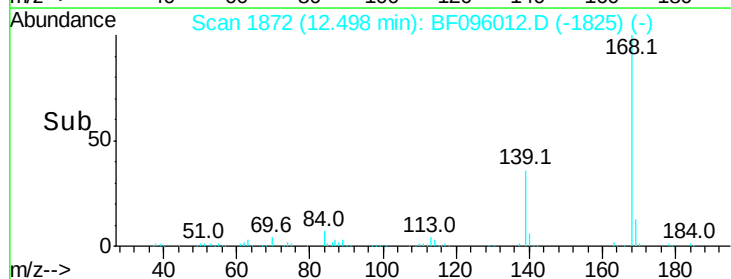
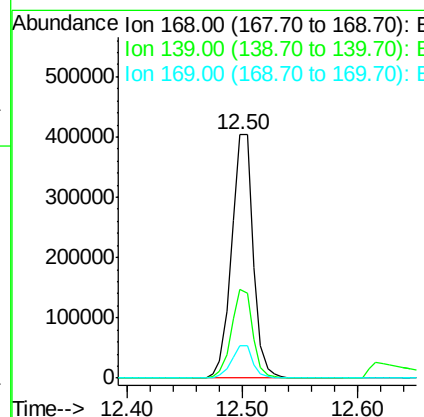
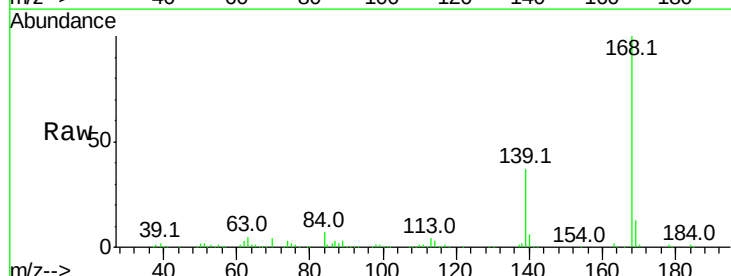
Manual Integrations
 APPROVED

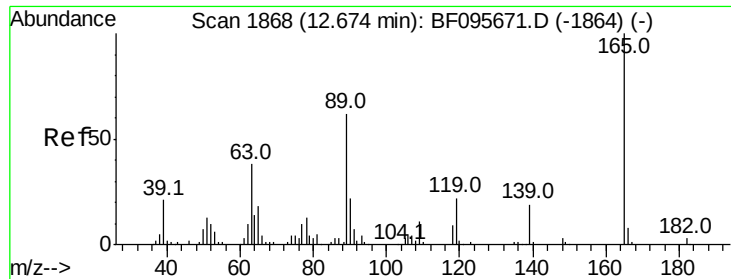
mohammad
 6/20/2017 4:29:04 PM



#54
 Dibenzofuran
 Concen: 45.29 ng
 RT: 12.50 min Scan# 1872
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:168 Resp: 522743
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.6 45.8
 169 13.4 10.8 16.2





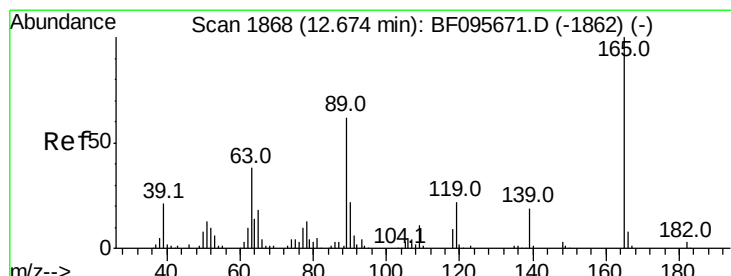
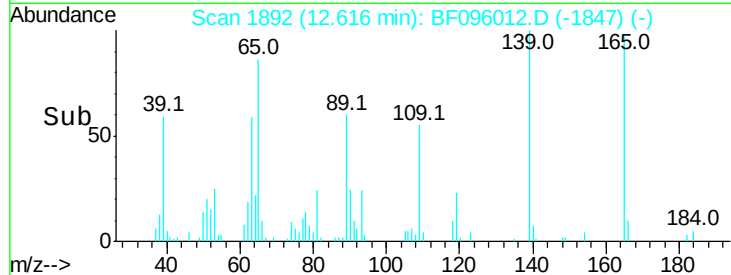
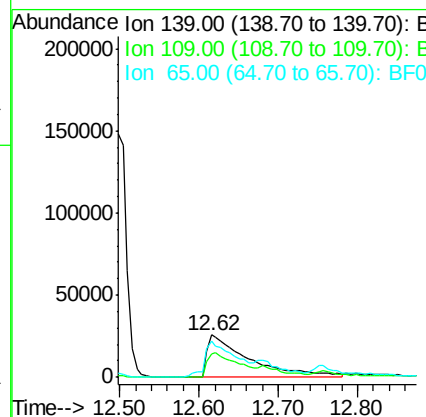
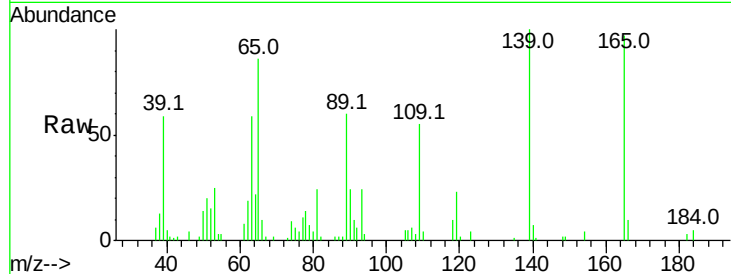
#55
4-Nitrophenol
Concen: 67.01 ng
RT: 12.62 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampled :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.0	34.1	74.1	
65	85.7	31.4	71.4	

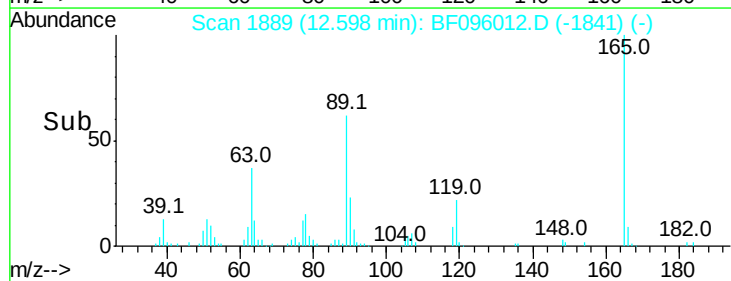
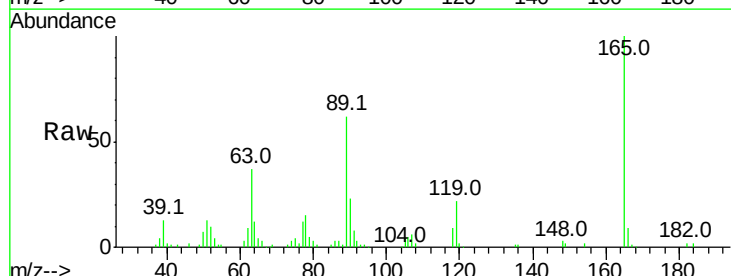
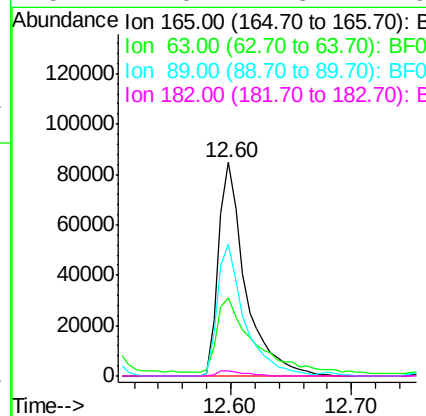
Manual Integrations
APPROVED

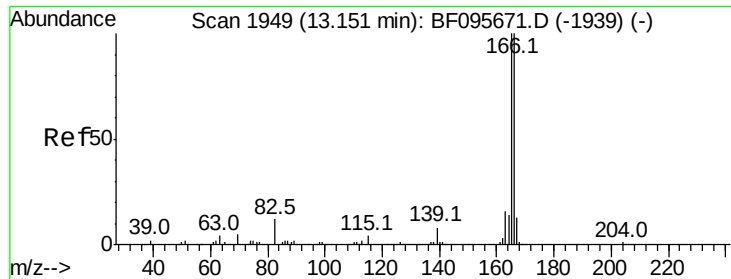
mohammad
6/20/2017 4:29:04 PM



#56
2,4-Dinitrotoluene
Concen: 45.11 ng
RT: 12.60 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.8	25.4	38.0	
89	61.9	46.4	69.6	
182	2.3	1.8	2.6	





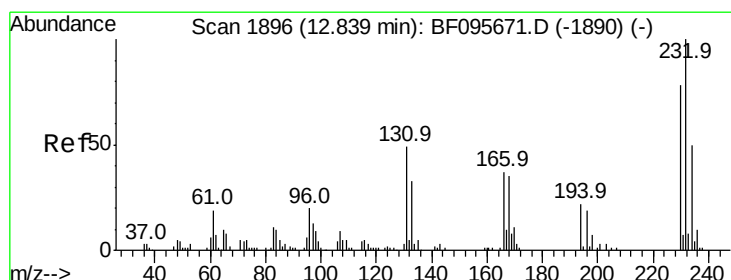
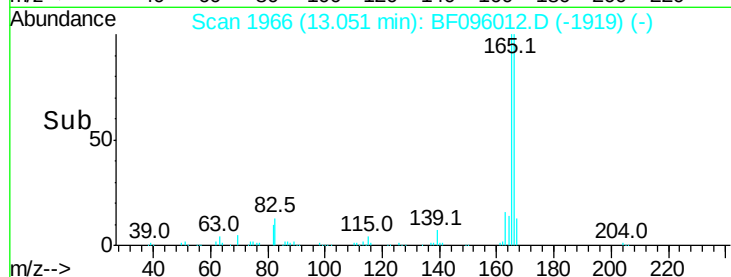
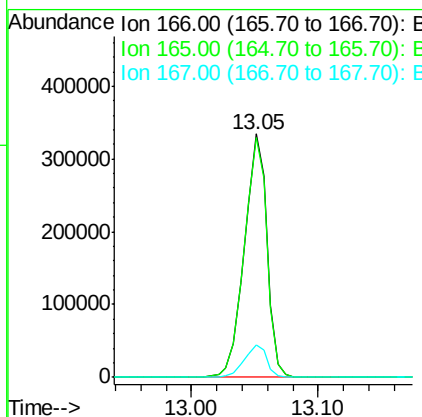
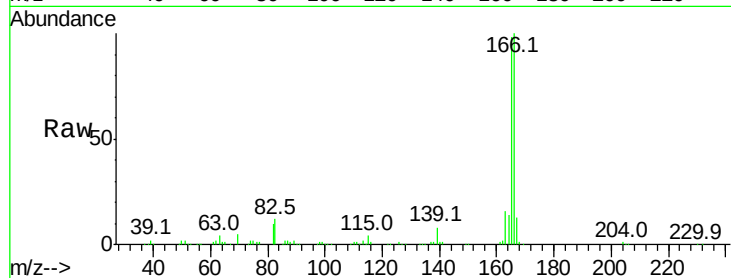
#57
 Fluorene
 Concen: 41.20 ng
 RT: 13.05 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	413846		
165	98.5		78.8	118.2
167	13.4		10.6	16.0

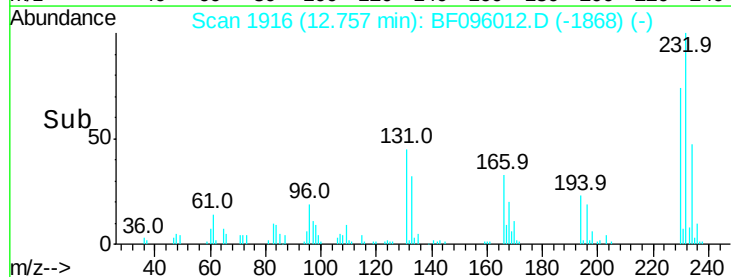
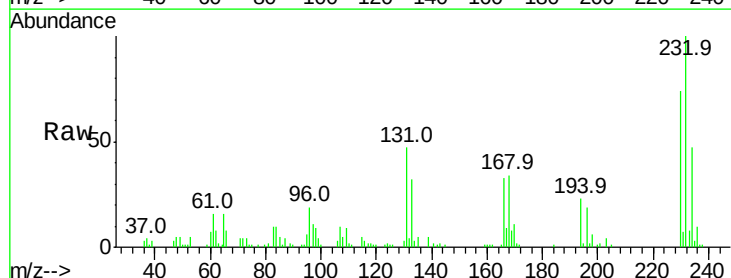
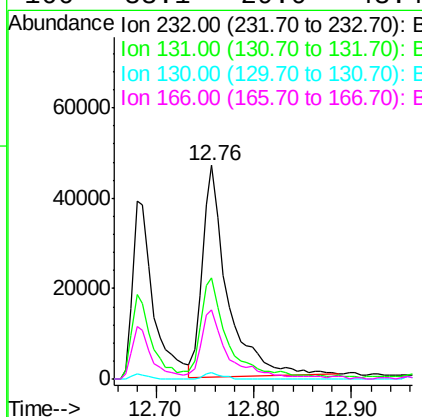
Manual Integrations
 APPROVED

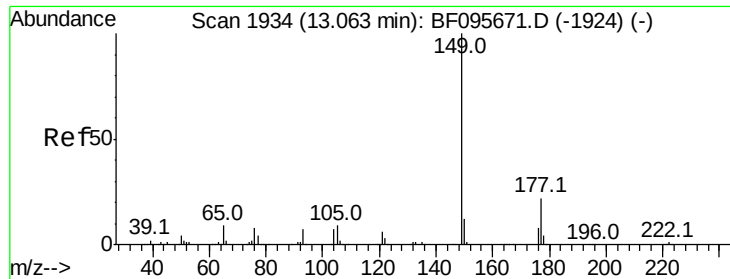
mohammad
 6/20/2017 4:29:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.99 ng
 RT: 12.76 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	83056		
131	52.5		44.8	67.2
130	2.0		2.3	3.5#
166	33.1		29.0	43.4





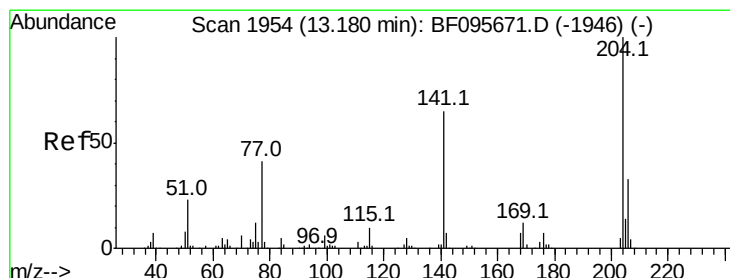
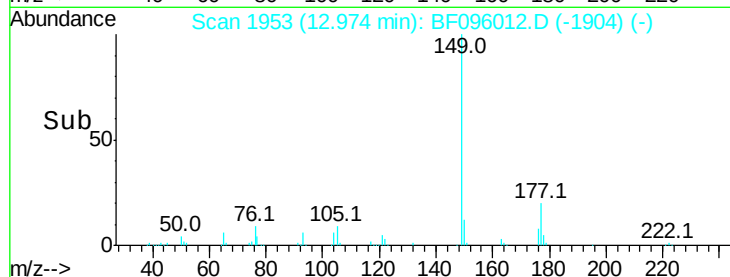
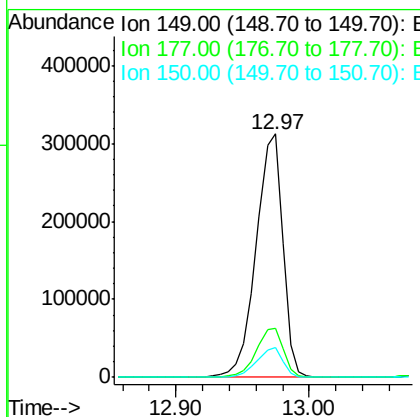
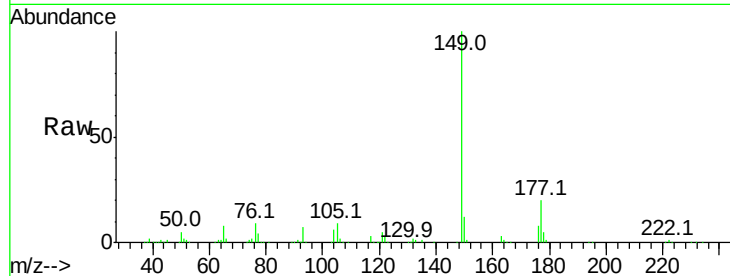
#59
Diethylphthalate
Concen: 45.73 ng
RT: 12.97 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	430885		
177	20.4		16.7	25.1
150	12.2		10.2	15.2

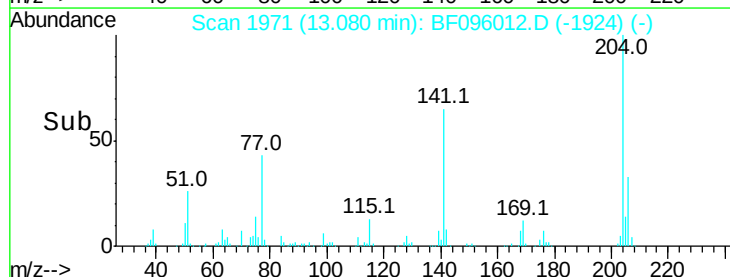
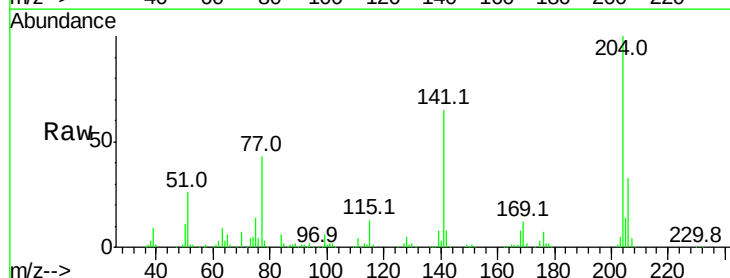
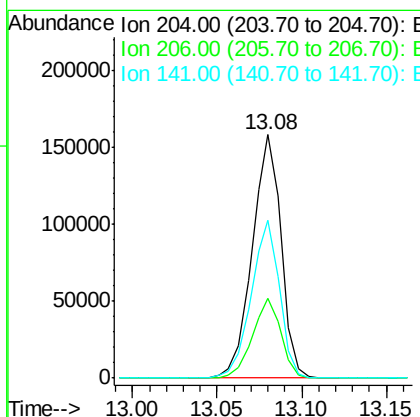
Manual Integrations
APPROVED

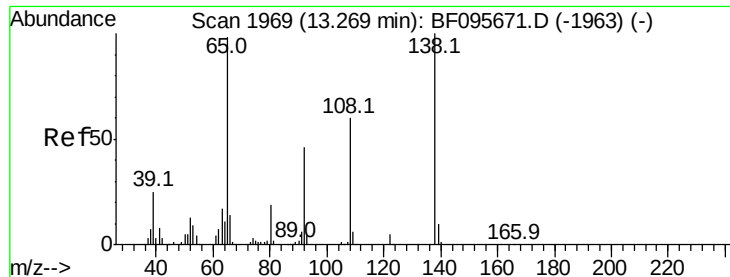
mohammad
6/20/2017 4:29:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.95 ng
RT: 13.08 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	187635		
206	32.6		26.2	39.2
141	64.8		60.8	91.2





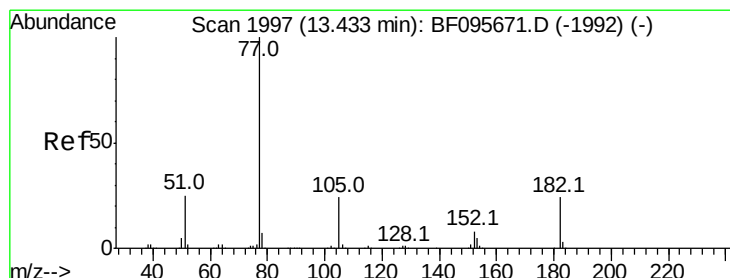
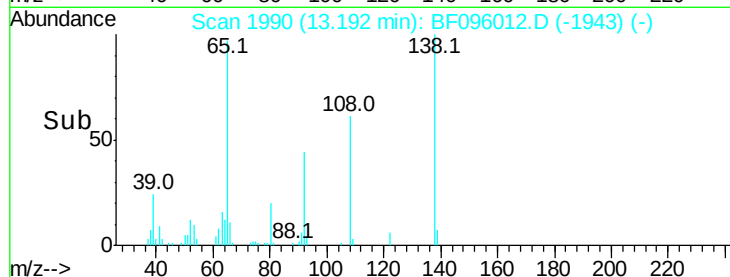
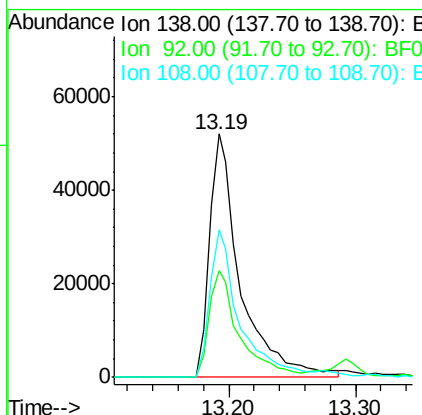
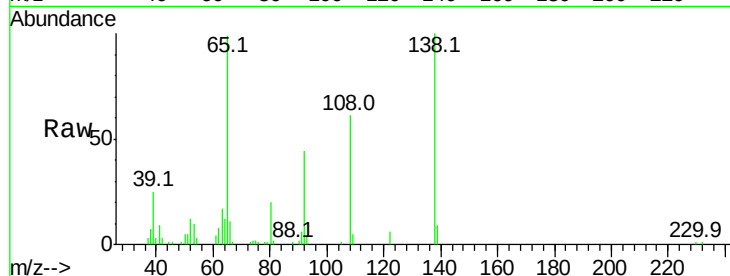
#61
4-Nitroaniline
Concen: 38.04 ng
RT: 13.19 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	21.8	61.8
108	60.7	42.3	82.3

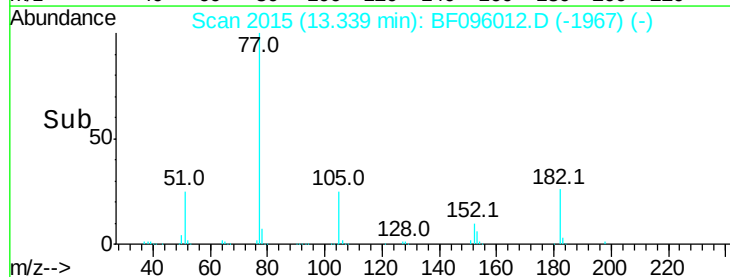
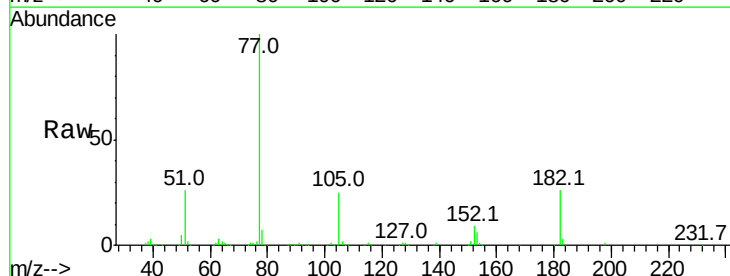
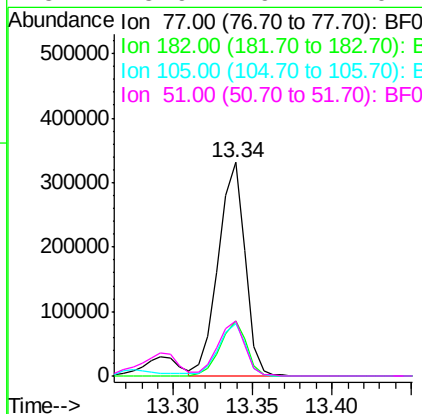
Manual Integrations
APPROVED

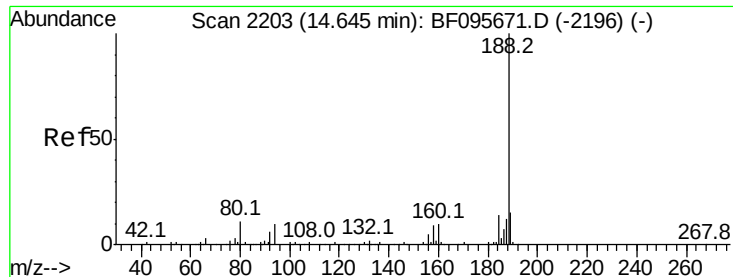
mohammad
6/20/2017 4:29:04 PM



#62
Azobenzene
Concen: 45.69 ng
RT: 13.34 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.1	40.1
105	24.9	3.6	43.6
51	25.9	9.4	49.4





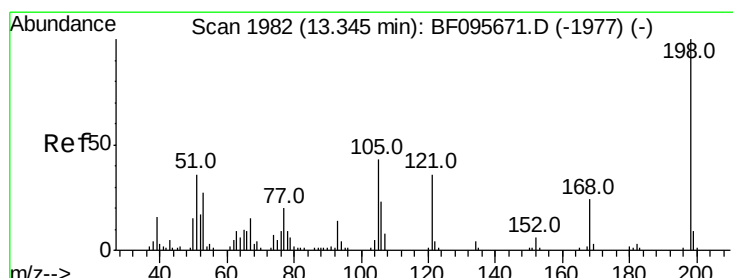
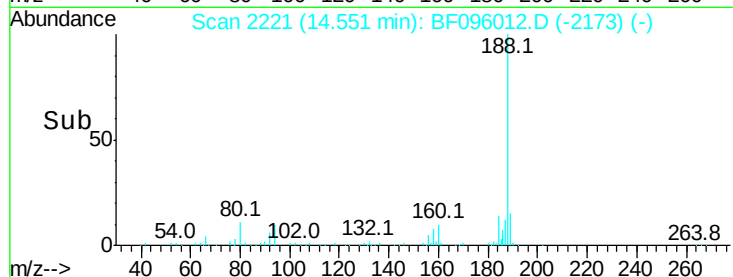
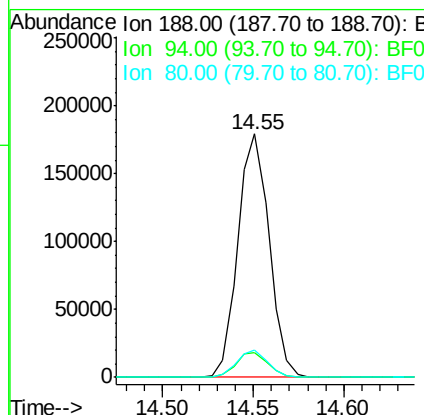
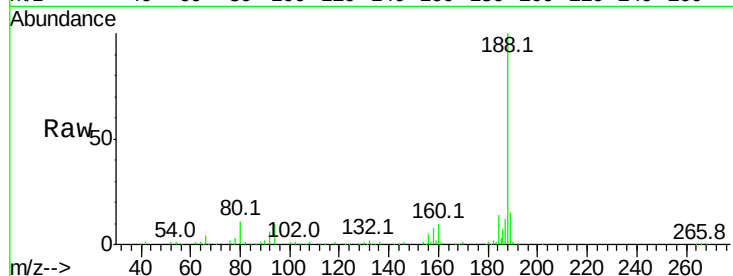
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.0	10.2	15.2

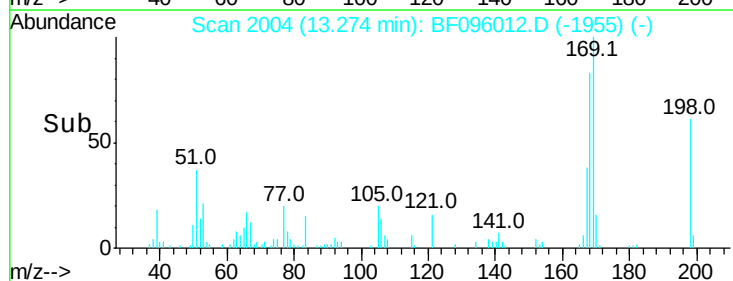
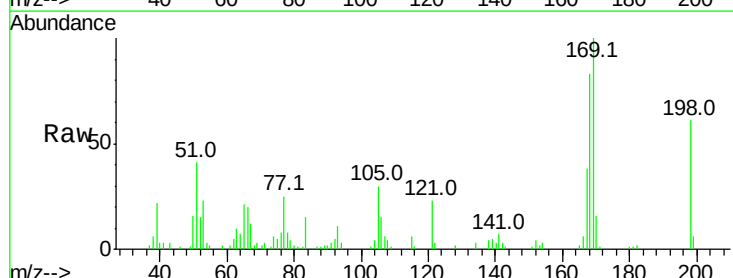
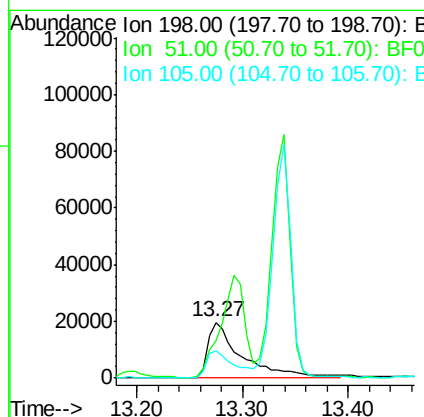
Manual Integrations
APPROVED

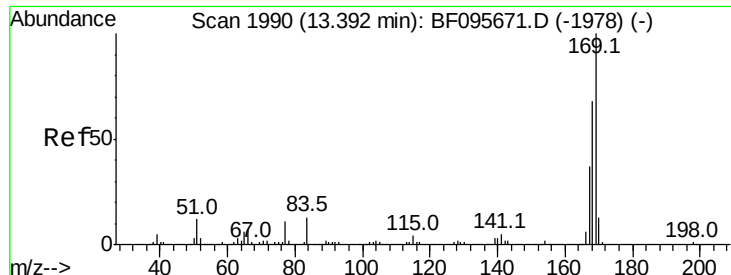
mohammad
6/20/2017 4:29:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.50 ng
RT: 13.27 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	66.4	53.2	93.2
105	49.1	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 46.04 ng

RT: 13.30 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tot Ion:169 Resp: 354758

Ion Ratio Lower Upper

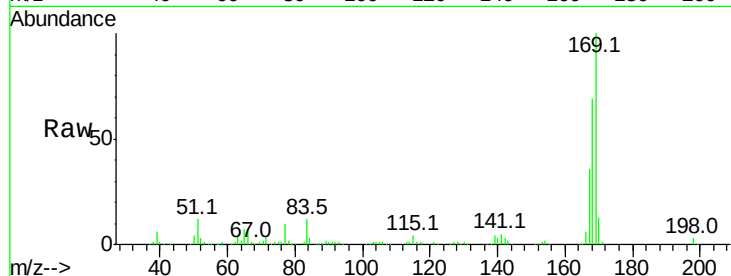
169 100

168 68.6 53.2 79.8

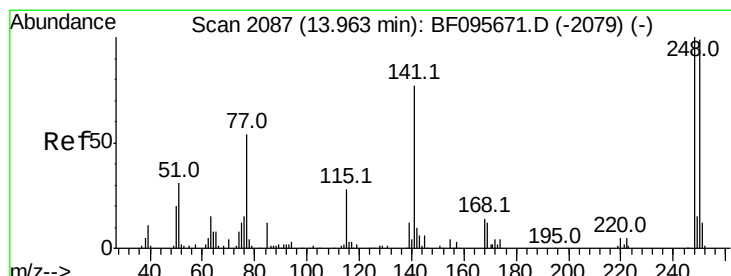
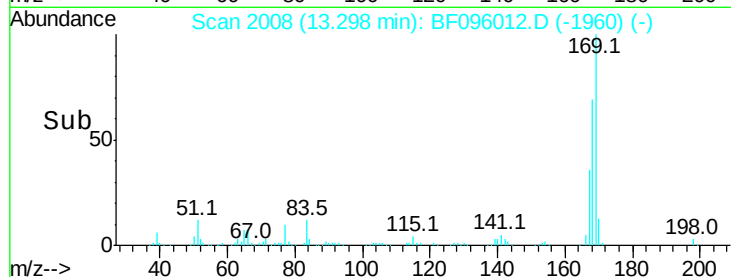
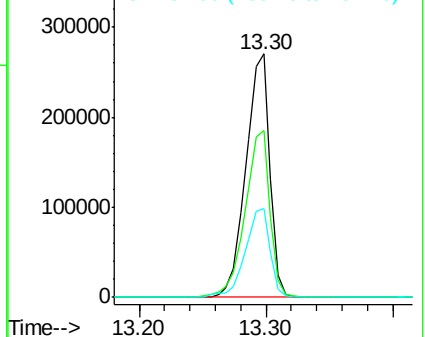
167 36.2 29.5 44.3

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



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



#66

4-Bromophenyl-phenylether

Concen: 46.73 ng

RT: 13.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

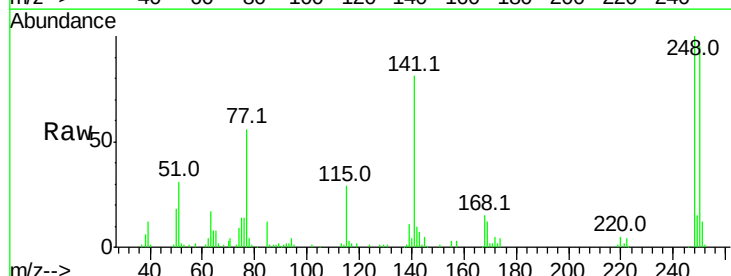
Tgt Ion:248 Resp: 104144

Ion Ratio Lower Upper

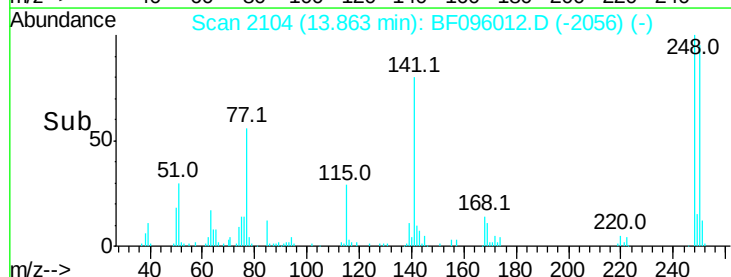
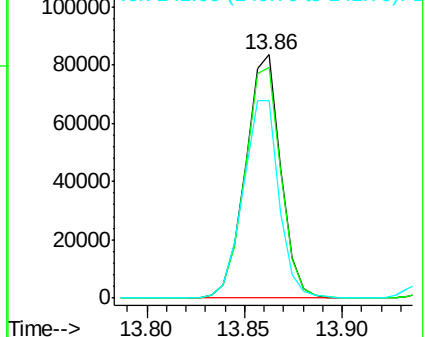
248 100

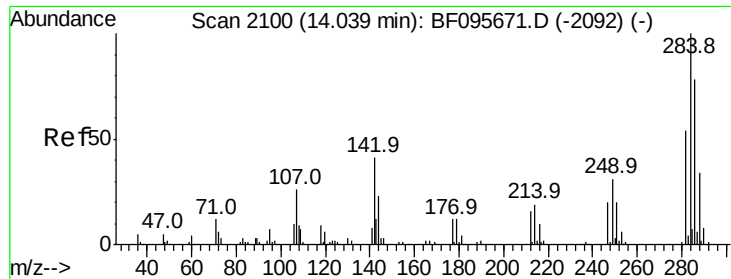
250 95.0 76.8 115.2

141 81.0 68.6 103.0



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





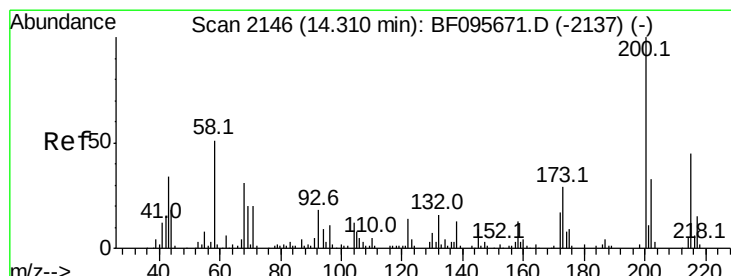
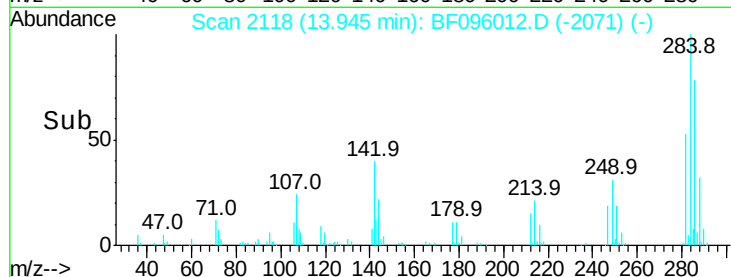
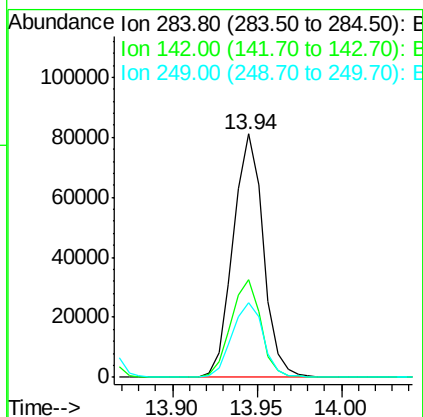
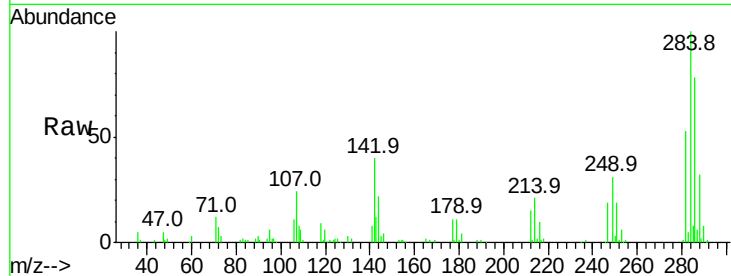
#67
Hexachlorobenzene
Concen: 46.07 ng
RT: 13.94 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	101187		
142	40.3	22.8	34.2#	
249	30.8	24.0	36.0	

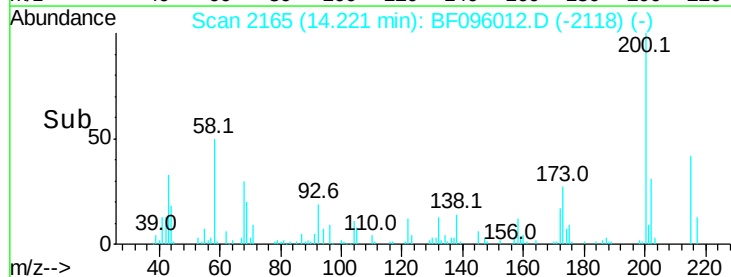
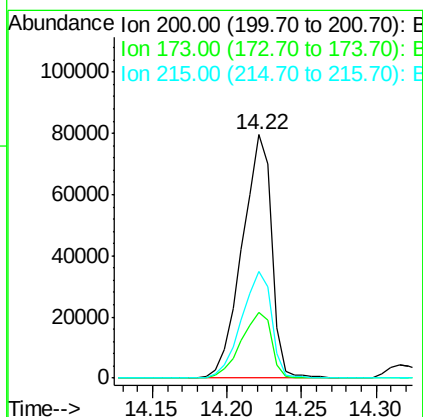
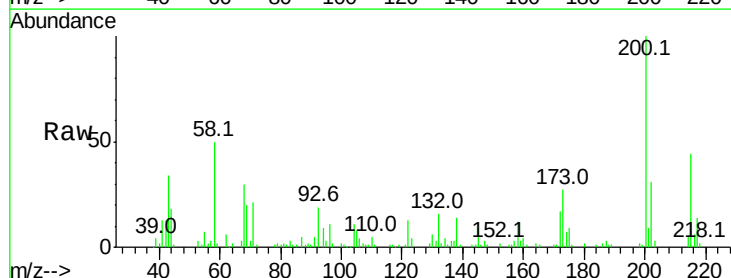
Manual Integrations
APPROVED

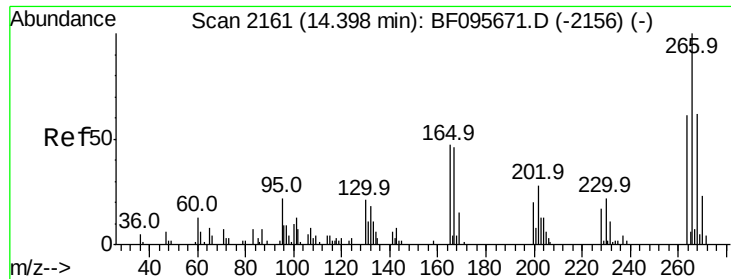
mohammad
6/20/2017 4:29:04 PM



#68
Atrazine
Concen: 50.78 ng
RT: 14.22 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	108898		
173	26.9	6.3	46.3	
215	43.9	27.2	67.2	





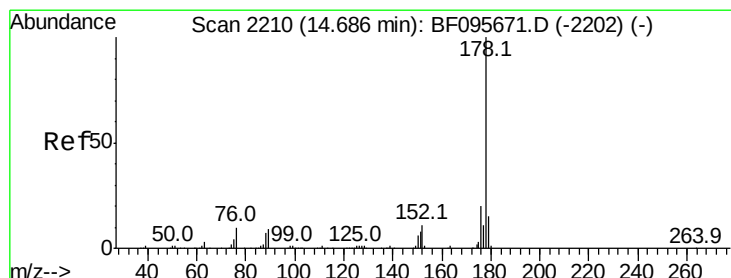
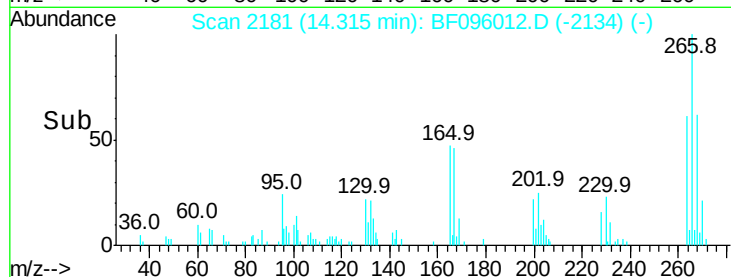
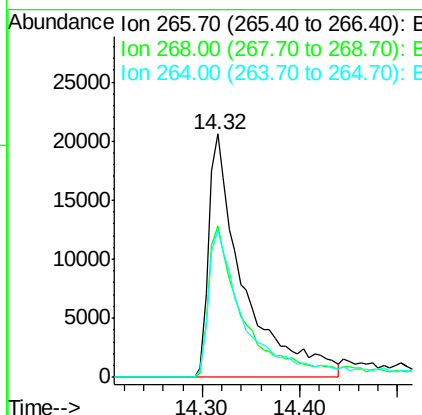
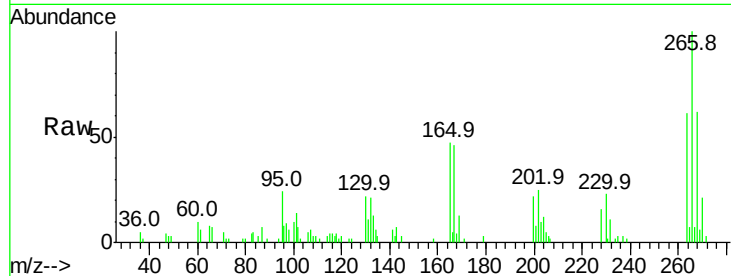
#69
 Pentachlorophenol
 Concen: 62.73 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	50945		
268	62.3		51.1	76.7
264	60.8		51.7	77.5

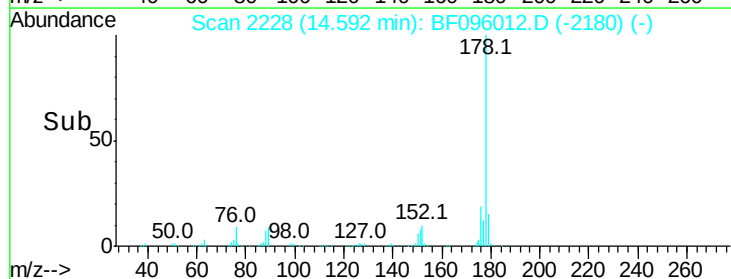
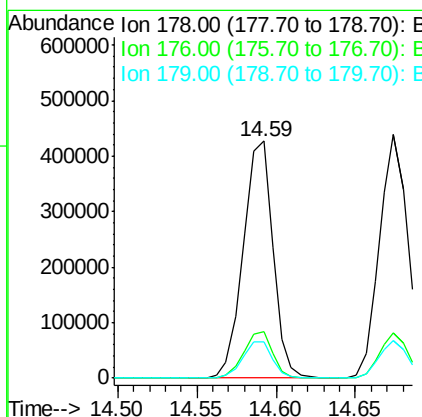
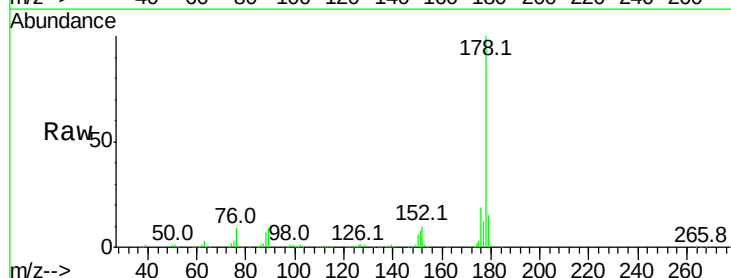
Manual Integrations
 APPROVED

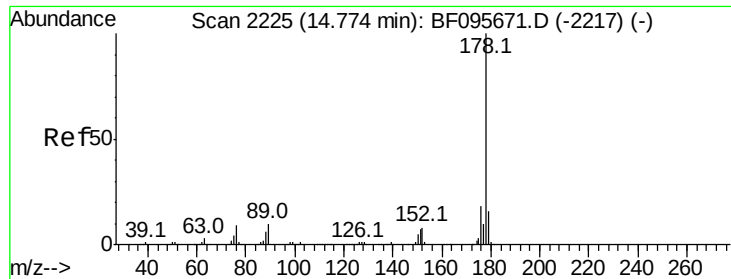
mohammad
 6/20/2017 4:29:04 PM



#70
 Phenanthrene
 Concen: 45.09 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	557969		
176	19.3		16.2	24.4
179	15.4		12.6	19.0





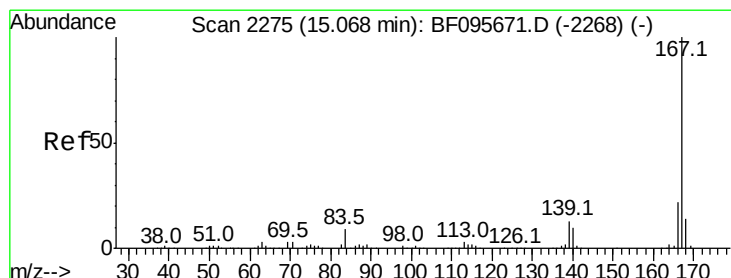
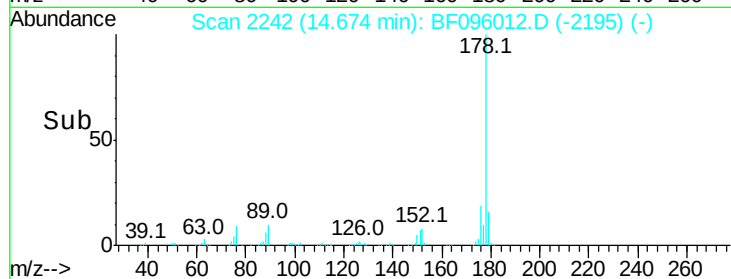
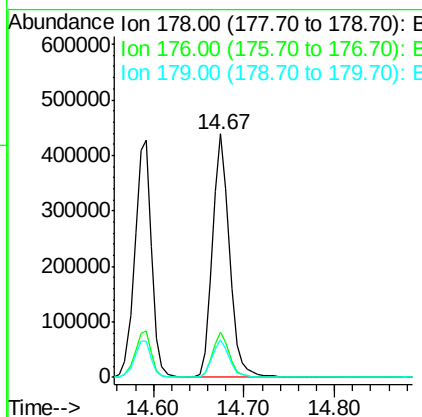
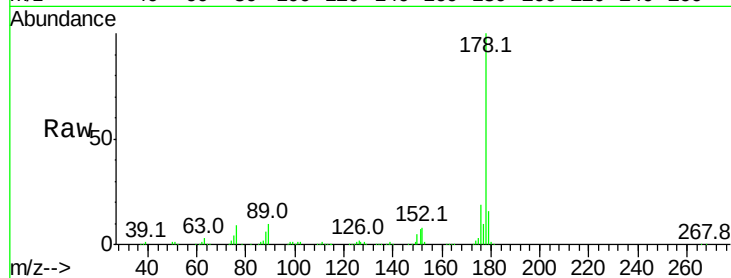
#71
 Anthracene
 Concen: 44.67 ng
 RT: 14.67 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampled :
 PB99828BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.6	12.7	19.1

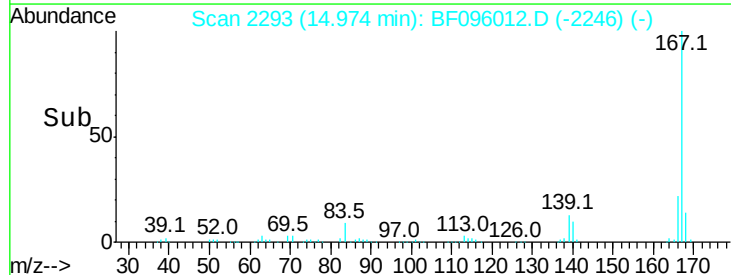
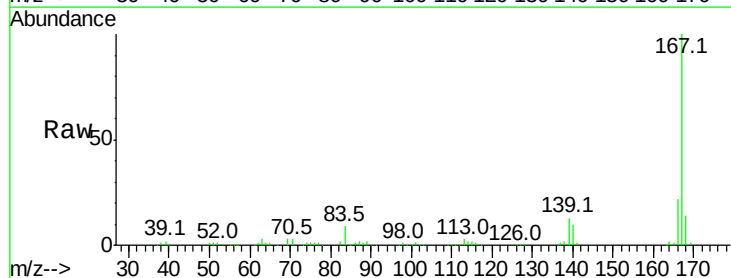
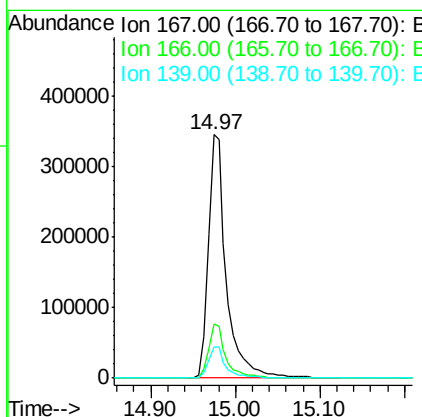
Manual Integrations
 APPROVED

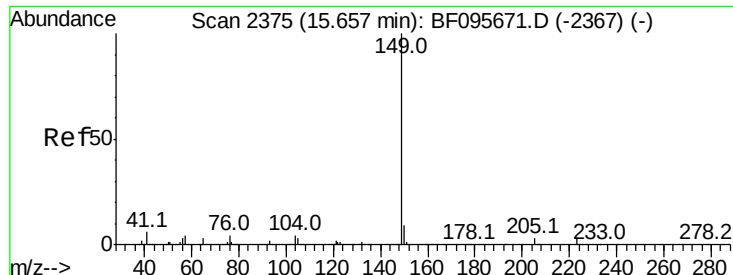
mohammad
 6/20/2017 4:29:04 PM



#72
 Carbazole
 Concen: 41.14 ng
 RT: 14.97 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 49.26 ng

RT: 15.57 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

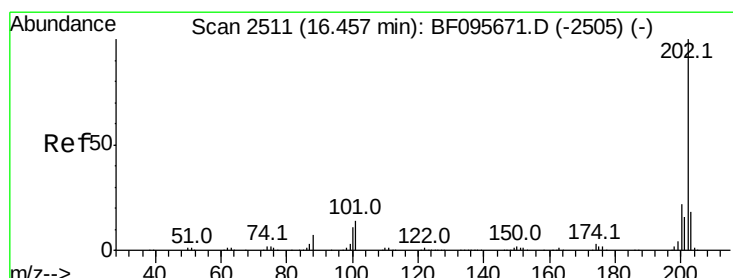
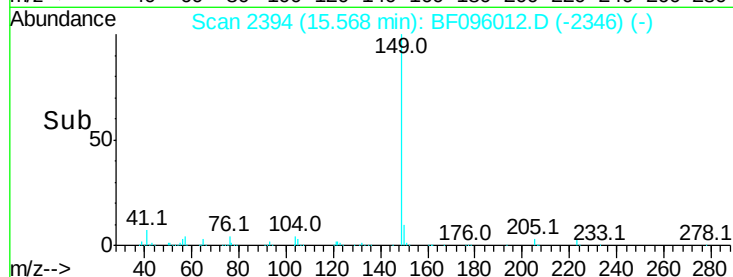
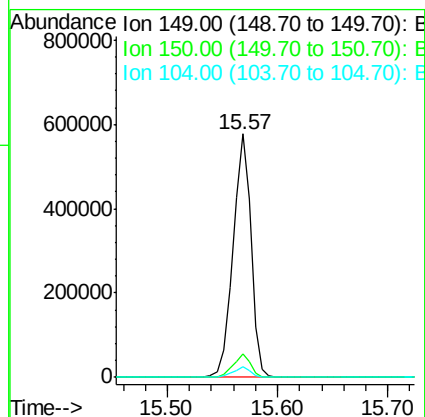
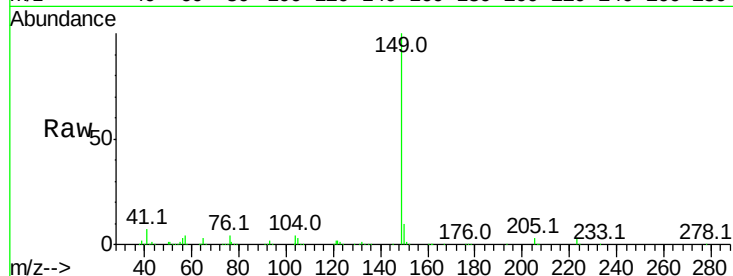
ClientSampleId :

PB99828BS

Tot Ion:	149	Resp:	659735
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



#74

Fluoranthene

Concen: 41.66 ng

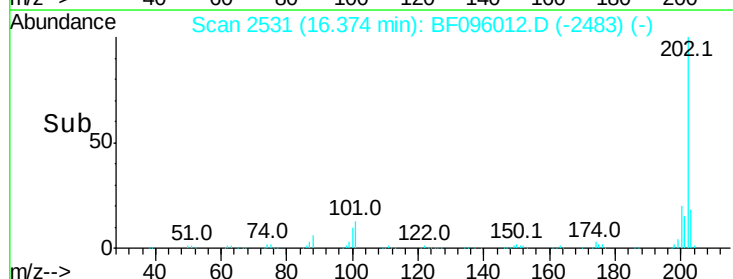
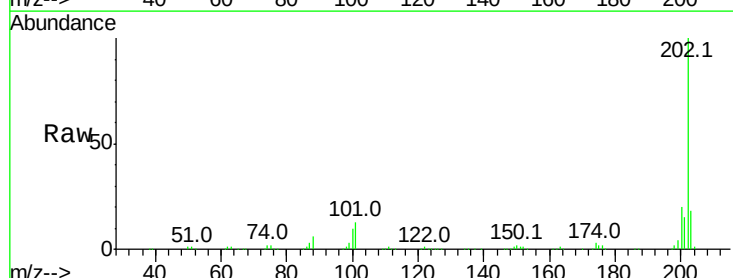
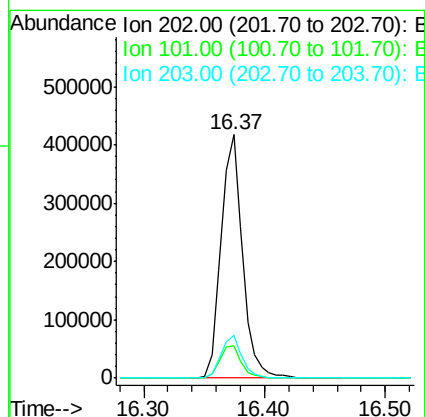
RT: 16.37 min Scan# 2531

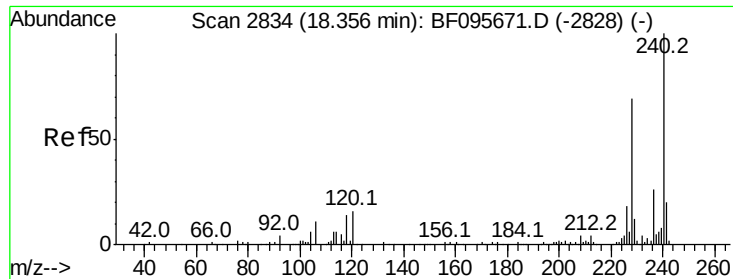
Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:	202	Resp:	510193
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

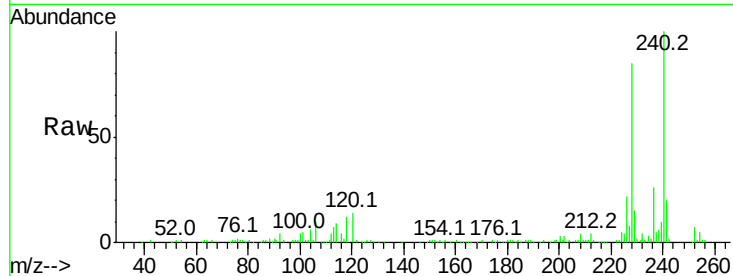
ClientSampleId :

PB99828BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.9	20.5	30.7

Manual Integrations
APPROVED

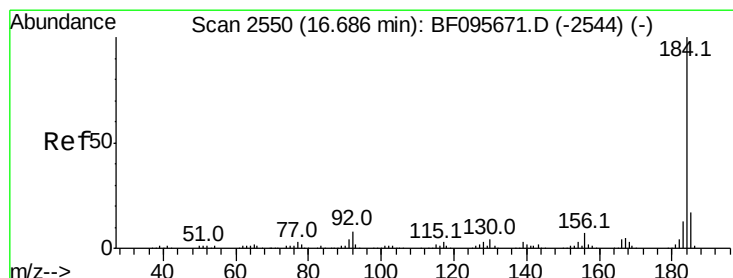
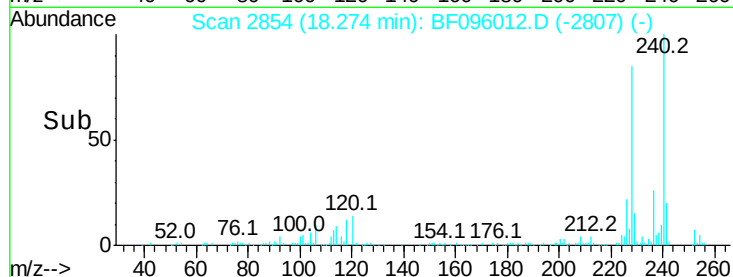
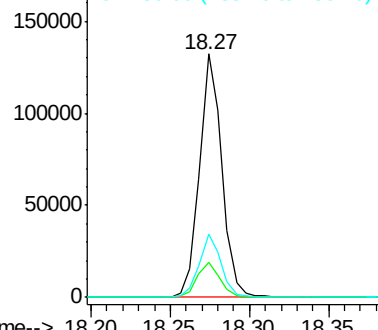
mohammad
6/20/2017 4:29:04 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.13 ng

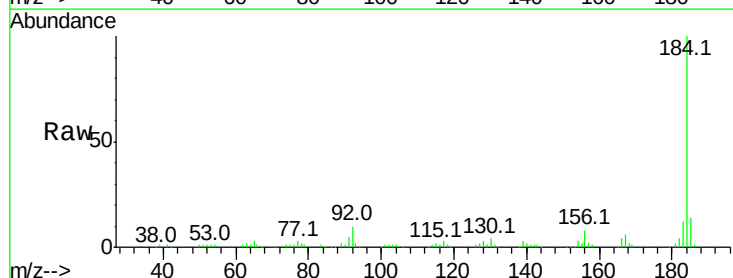
RT: 16.61 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

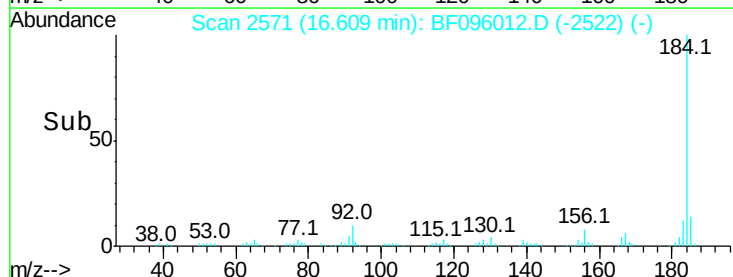
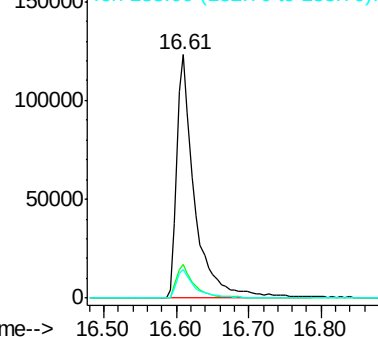
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	15.5	23.3#
183	12.0	9.8	14.6

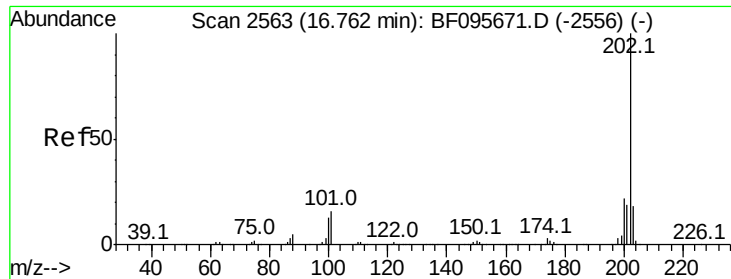


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





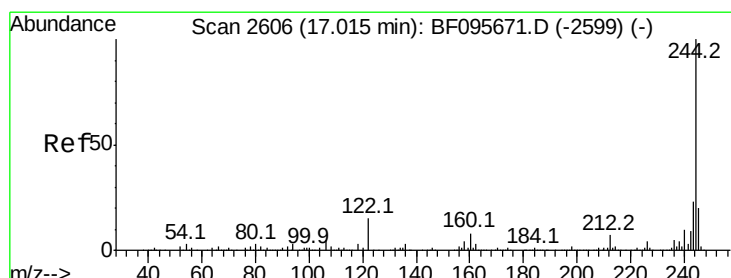
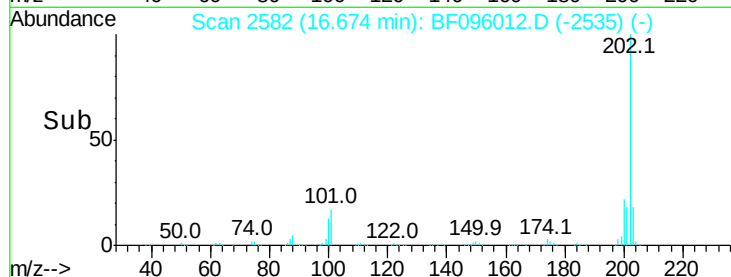
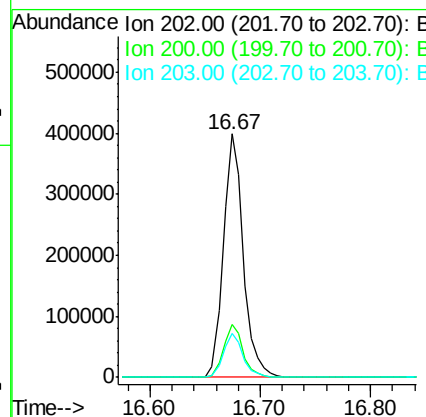
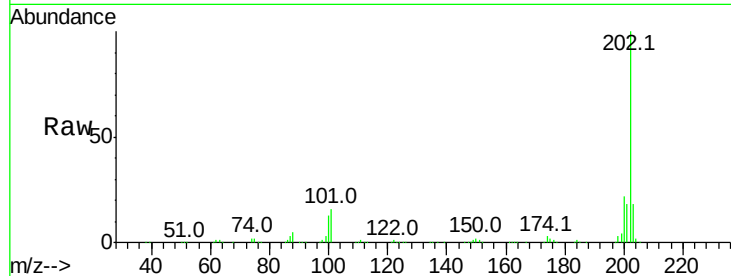
#77
Pvrene
Concen: 51.93 ng
RT: 16.67 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampled :
PB99828BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.0	14.4	21.6

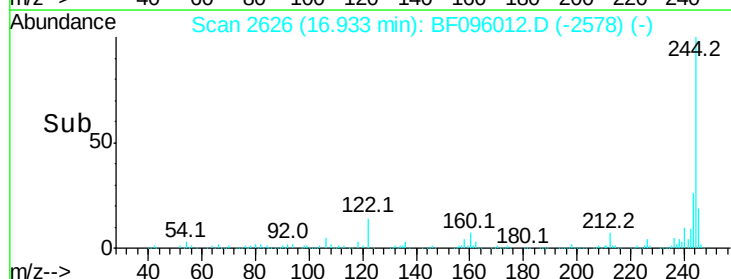
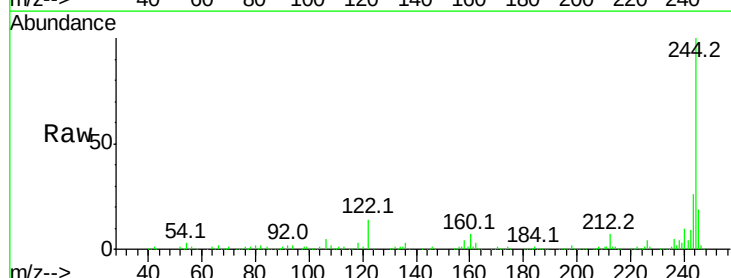
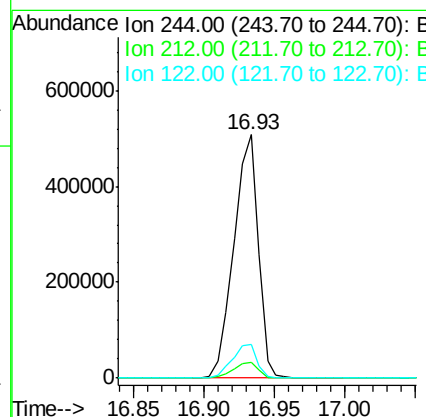
Manual Integrations
APPROVED

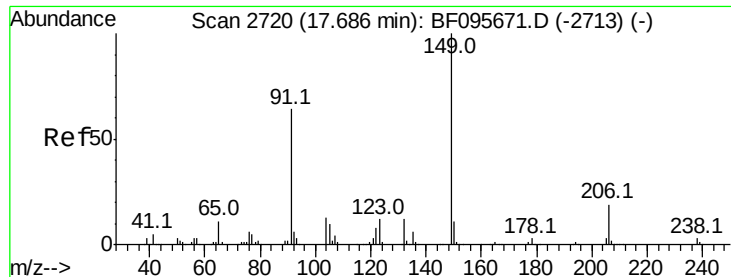
mohammad
6/20/2017 4:29:04 PM



#78
Terphenyl-d14
Concen: 117.60 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.7	10.3	15.5





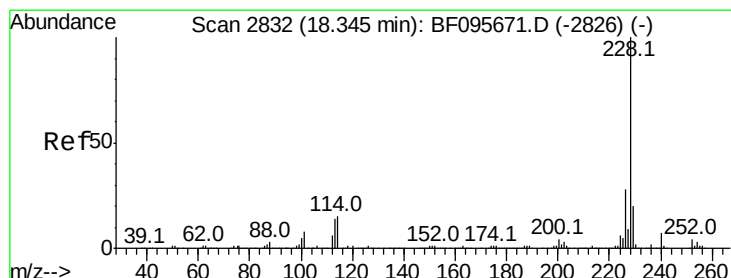
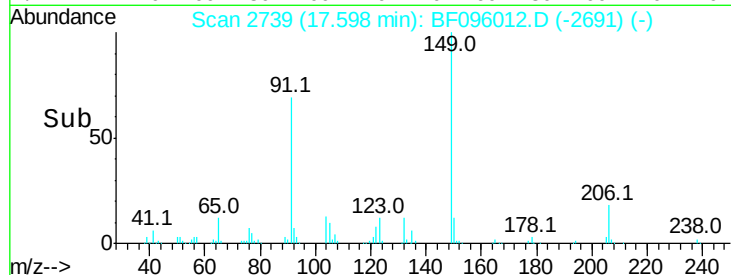
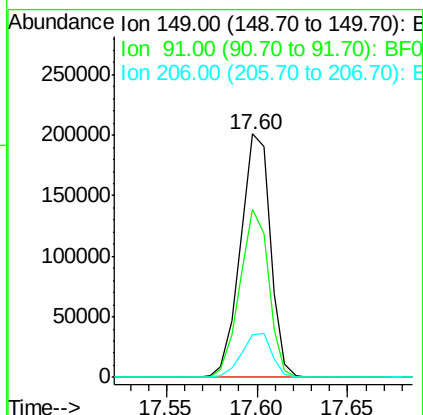
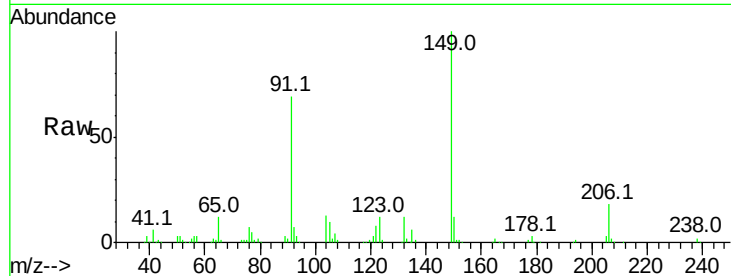
#79
Butylbenzylphthalate
Concen: 55.00 ng
RT: 17.60 min Scan# 2739
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	230644		
91	69.2	45.0	67.4#	
206	17.6	17.0	25.6	

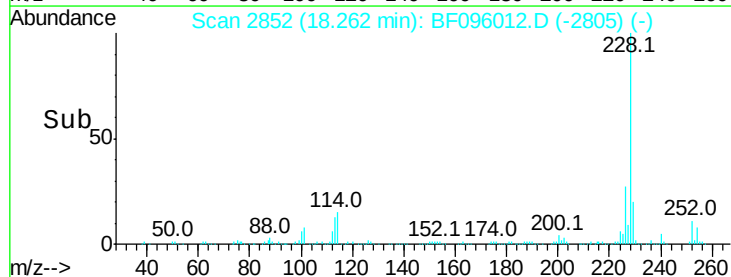
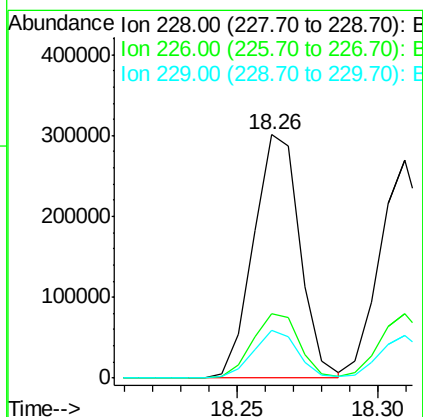
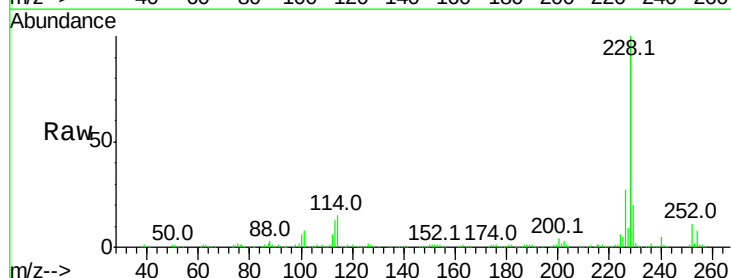
Manual Integrations
APPROVED

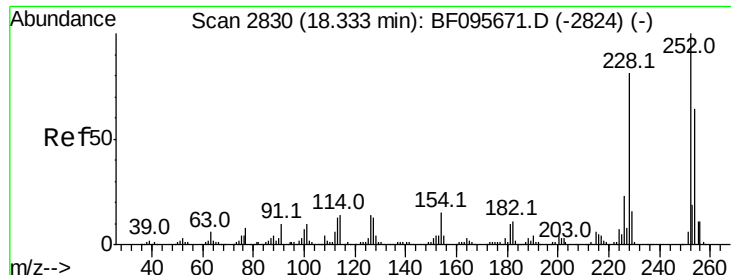
mohammad
6/20/2017 4:29:04 PM



#80
Benzo(a)anthracene
Concen: 45.78 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	342538		
226	26.6	22.6	33.8	
229	19.8	16.3	24.5	





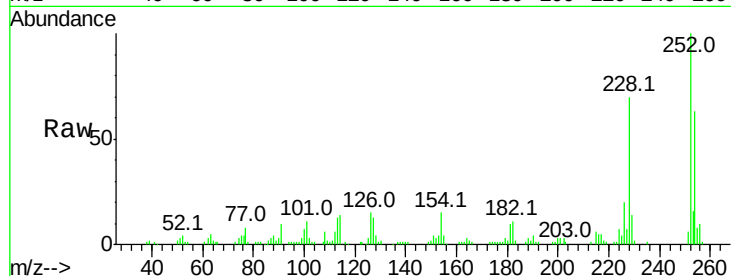
#81
 3,3'-Dichlorobenzidine
 Concen: 36.85 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampled :
 PB99828BS

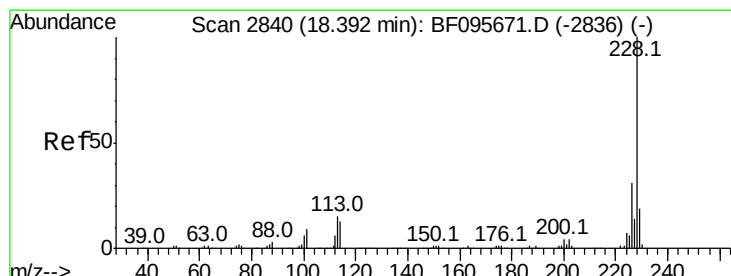
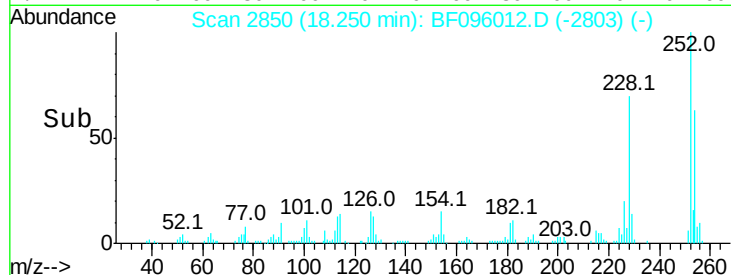
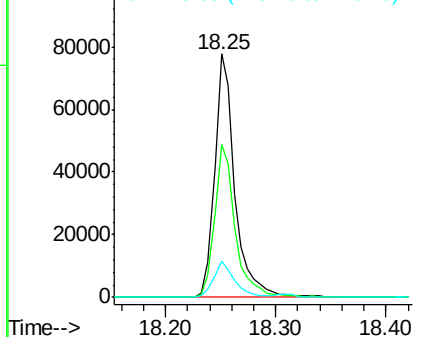
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	15.2	15.8	23.8

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:04 PM



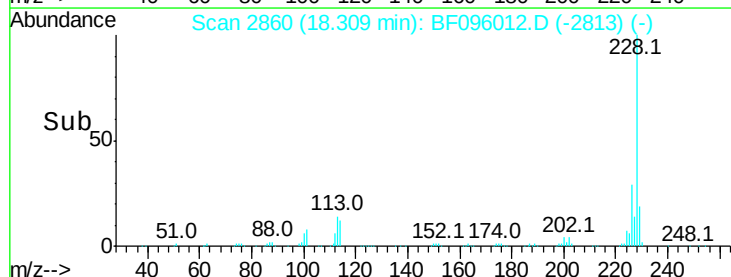
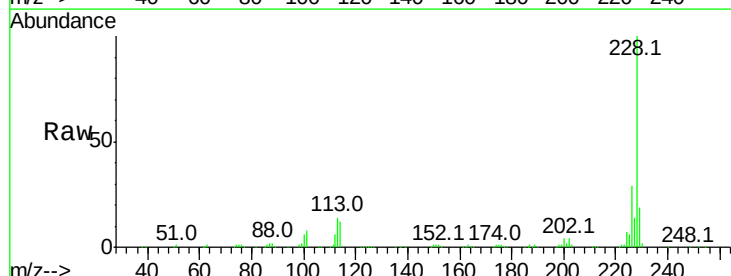
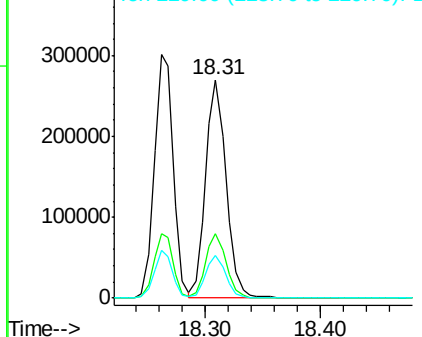
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

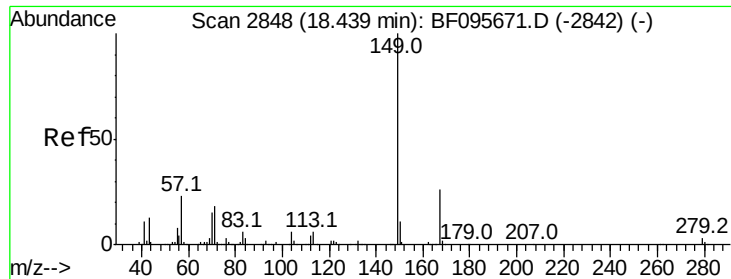


#82
 Chrysene
 Concen: 44.92 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	19.4	15.8	23.6

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





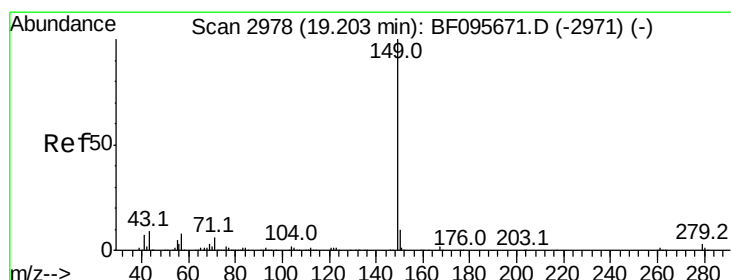
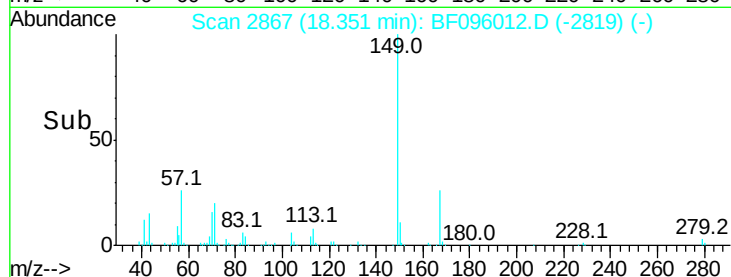
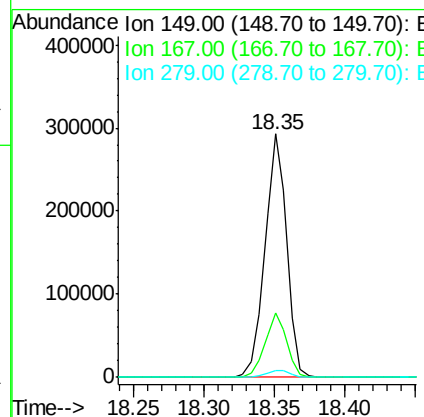
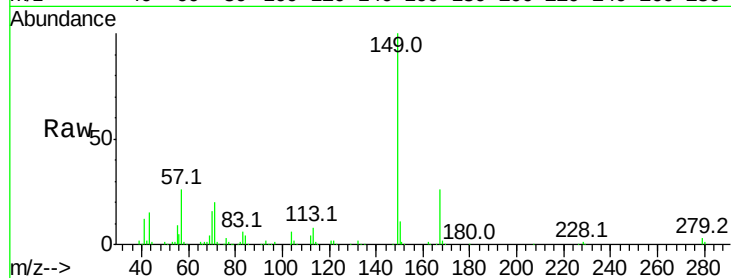
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.79 ng
 RT: 18.35 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.4	21.0	31.4
279	2.9	1.9	2.9#

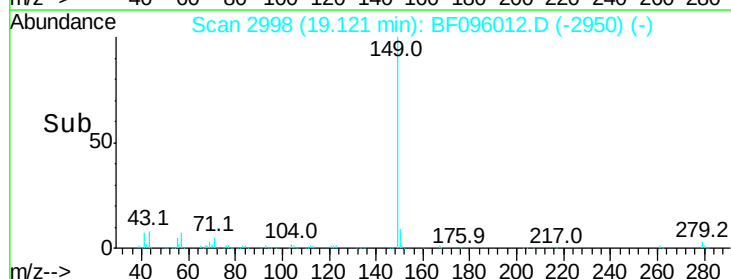
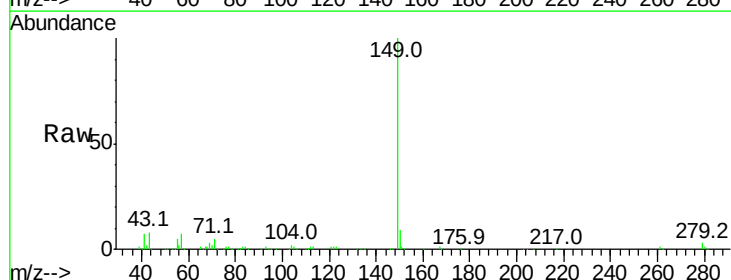
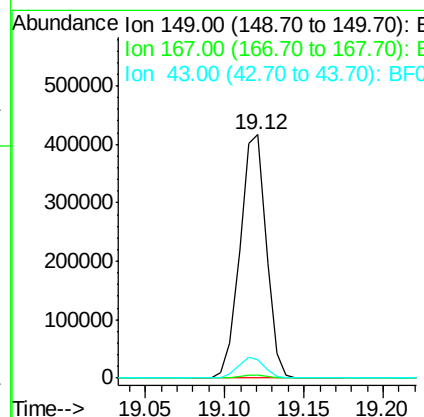
Manual Integrations
 APPROVED

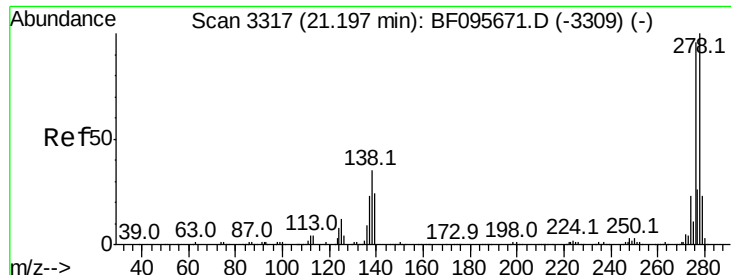
mohammad
 6/20/2017 4:29:04 PM



#84
 Di-n-octyl phthalate
 Concen: 49.01 ng
 RT: 19.12 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.5	12.7





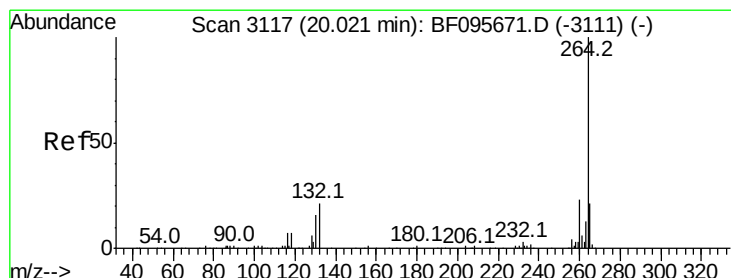
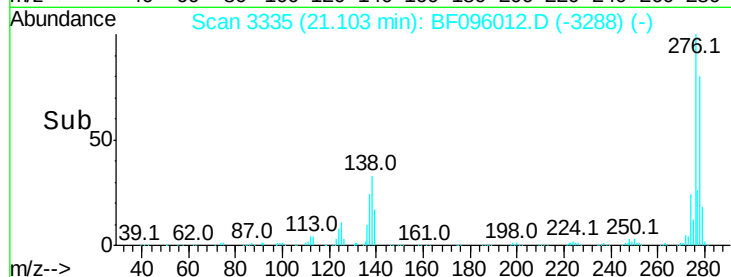
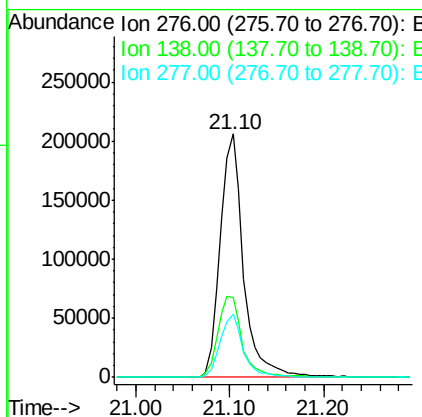
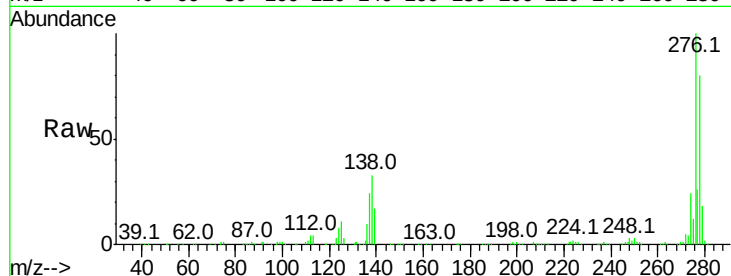
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.06 ng
 RT: 21.10 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.6	20.2	30.4

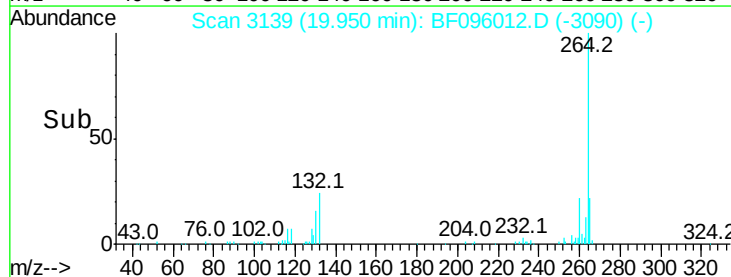
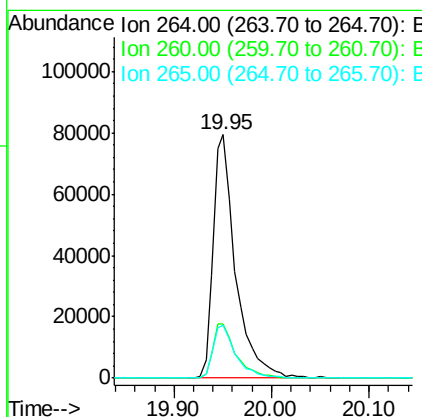
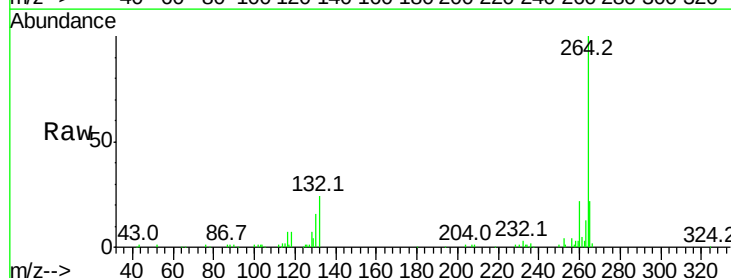
Manual Integrations
 APPROVED

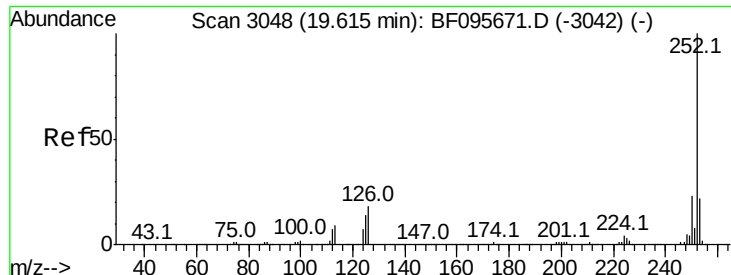
mohammad
 6/20/2017 4:29:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.87 ng

RT: 19.54 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

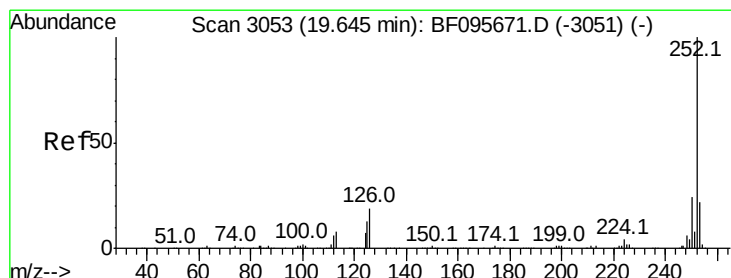
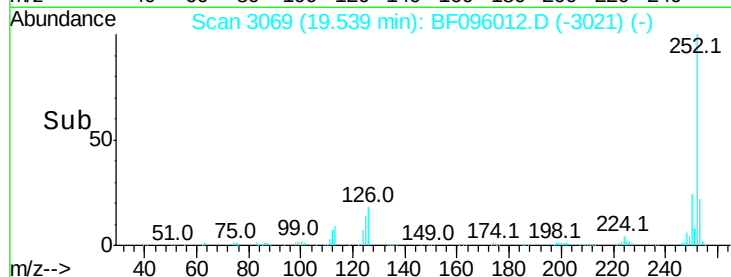
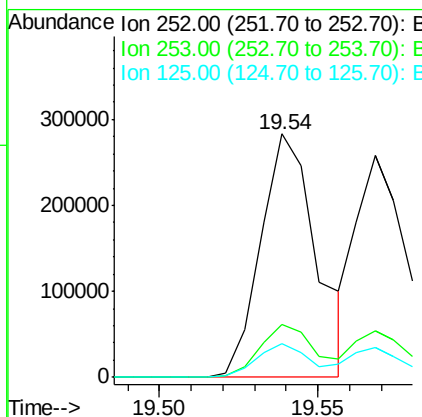
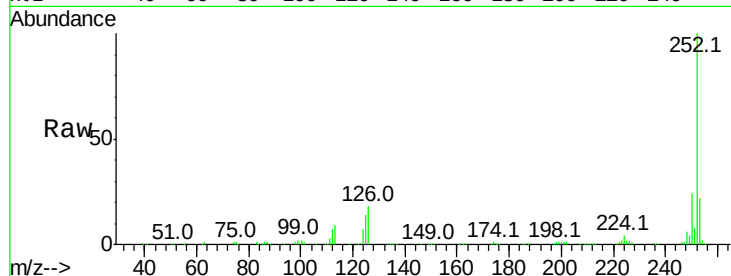
ClientSampleId :

PB99828BS

Tot Ion:	252	Resp:	346030
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	13.6	9.8	14.8

Manual Integrations
APPROVED

mohammad
6/20/2017 4:29:04 PM



#88

Benzo(k)fluoranthene

Concen: 41.79 ng

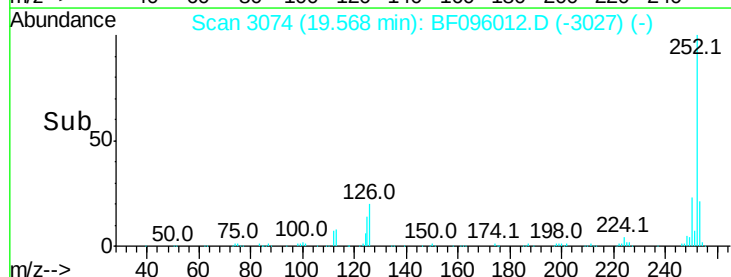
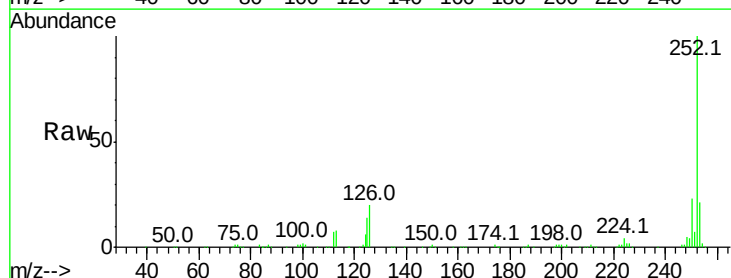
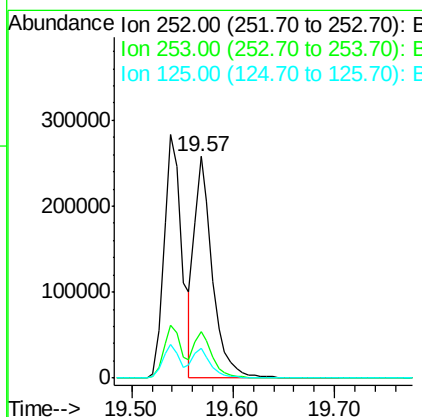
RT: 19.57 min Scan# 3074

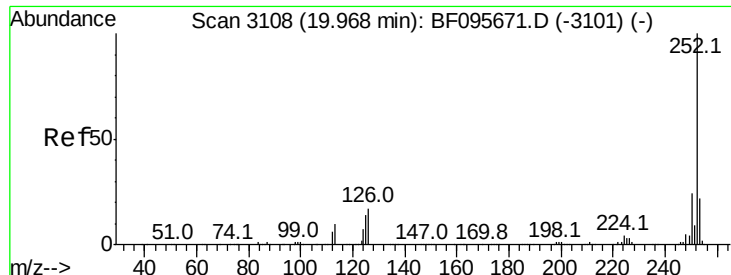
Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:	252	Resp:	315056
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	13.7	13.1	19.7





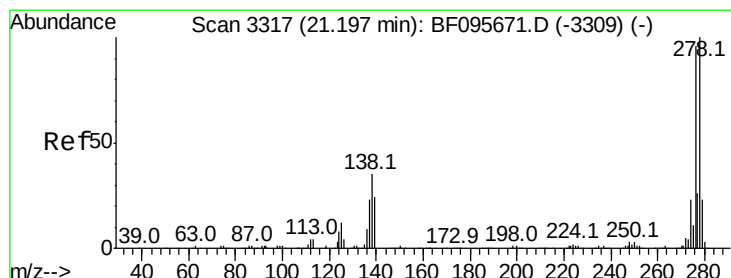
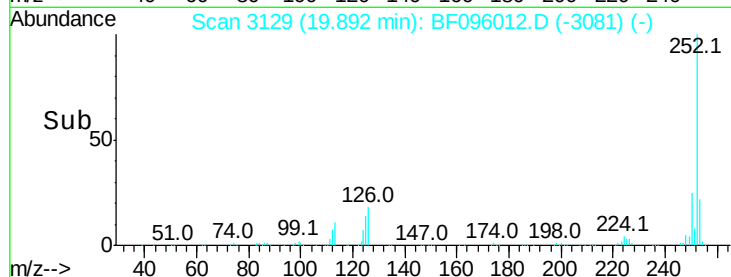
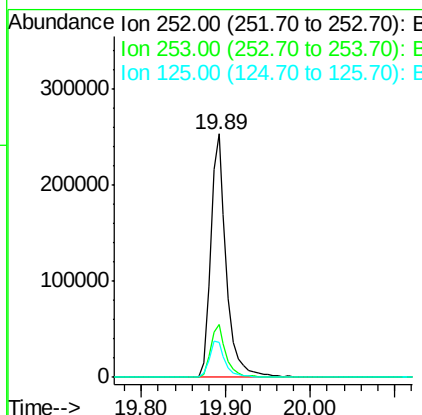
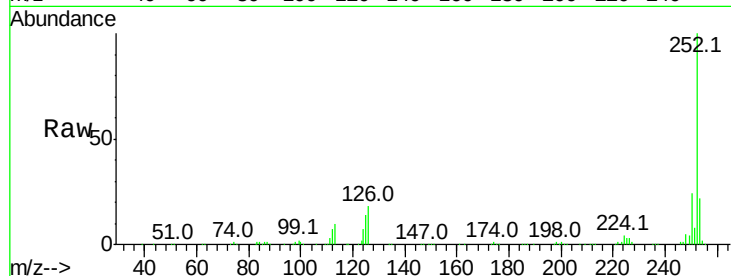
#89
Benzo(a)pyrene
Concen: 45.56 ng
RT: 19.89 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.3	11.0	16.4

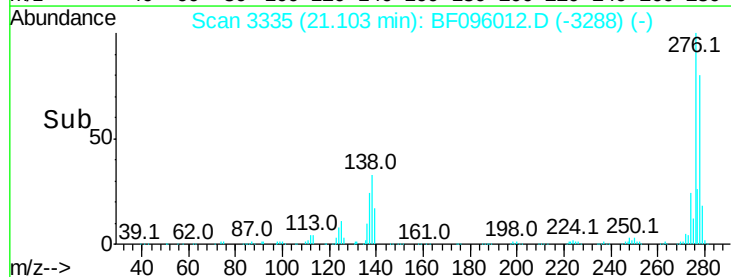
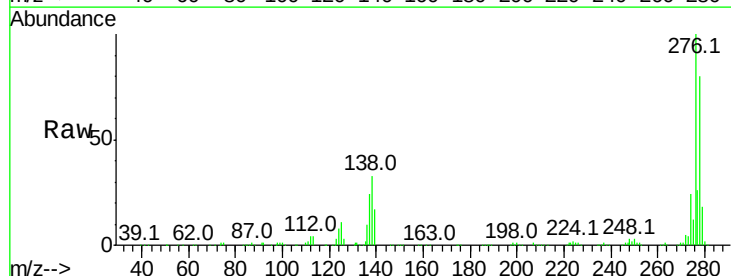
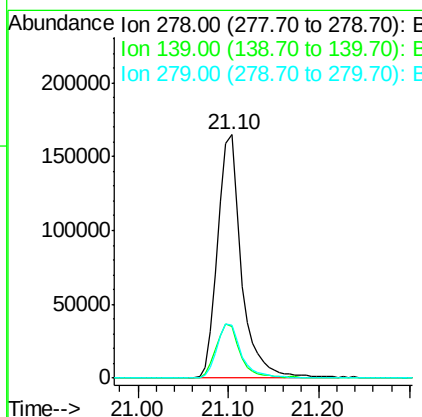
Manual Integrations
APPROVED

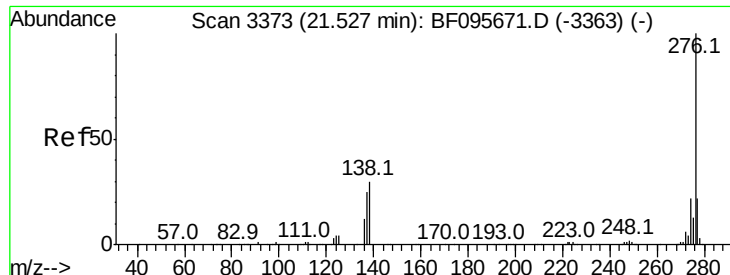
mohammad
6/20/2017 4:29:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.02 ng
RT: 21.10 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	21.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 48.28 ng
 RT: 21.43 min Scan# 3390
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tot Ion:	276	Resp:	302686
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	28.0	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:04 PM

