

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094796.D
 Acq On : 2 May 2017 16:34
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:01 PM

Quant Time: May 03 17:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	107429	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	445157	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	201907	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	364795	20.00	ng	0.00
75) Chrysene-d12	18.65	240	292887	20.00	ng	0.00
86) Perylene-d12	20.31	264	252255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	557034	86.45	ng	0.00
7) Phenol-d6	7.28	99	644926	83.42	ng	0.00
23) Nitrobenzene-d5	8.64	82	601791	85.25	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	129722	78.45	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1118853	79.76	ng	0.00
78) Terphenyl-d14	17.31	244	1012817	76.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	128534	40.673	ng	94
3) Pyridine	2.76	79	311661	42.552	ng	97
4) n-Nitrosodimethylamine	2.70	42	126398	41.402	ng	85
6) Aniline	7.23	93	437737	44.848	ng	95
8) 2-Chlorophenol	7.42	128	321003	43.768	ng	97
9) Benzaldehyde	7.04	77	209336	44.342	ng	98
10) Phenol	7.30	94	346525	42.533	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	289274	43.010	ng	98
12) 1,3-Dichlorobenzene	7.64	146	331462	39.841	ng	98
13) 1,4-Dichlorobenzene	7.76	146	340884	40.403	ng	97
14) 1,2-Dichlorobenzene	8.00	146	340931	43.291	ng	95
15) Benzyl Alcohol	8.01	79	226219	45.492	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	400524	42.074	ng	97
17) 2-Methylphenol	8.23	107	260501	43.402	ng	96
18) Hexachloroethane	8.51	117	124475	43.551	ng	# 85
19) n-Nitroso-di-n-propylamine	8.44	70	220306	42.133	ng	93
20) 3+4-Methylphenols	8.48	107	350843	43.017	ng	# 61
22) Acetophenone	8.40	105	444372	41.606	ng	# 84
24) Nitrobenzene	8.66	77	308037	41.630	ng	94
25) Isophorone	9.07	82	534347	42.390	ng	96
26) 2-Nitrophenol	9.17	139	174707	43.756	ng	98
27) 2,4-Dimethylphenol	9.31	122	253606	39.286	ng	99
28) bis(2-Chloroethoxy)methane	9.43	93	365870	41.956	ng	99
29) 2,4-Dichlorophenol	9.58	162	259033	42.497	ng	98
30) 1,2,4-Trichlorobenzene	9.68	180	272675	41.756	ng	98
31) Naphthalene	9.79	128	927004	41.433	ng	99
32) Benzoic acid	9.61	122	169404	40.819	ng	91
33) 4-Chloroaniline	9.91	127	354363	42.501	ng	94
34) Hexachlorobutadiene	10.01	225	144138	41.832	ng	99
35) Caprolactam	10.54	113	77678m	42.440	ng	
36) 4-Chloro-3-methylphenol	10.77	107	271057	41.593	ng	88
37) 2-Methylnaphthalene	10.91	142	608441	41.436	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	251693	40.536	ng	99
40) Hexachlorocyclopentadiene	11.17	237	94932	39.671	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094796.D
 Acq On : 2 May 2017 16:34
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

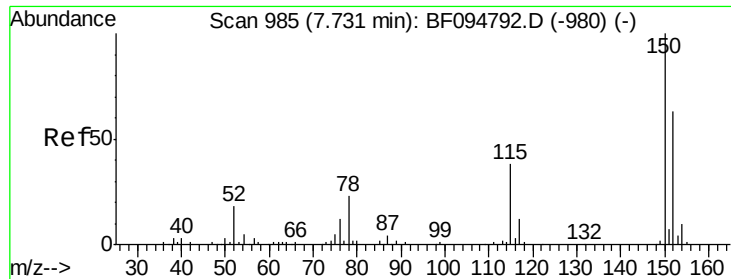
Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:01 PM

Quant Time: May 03 17:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	167047	40.294	ng	99
43) 2,4,5-Trichlorophenol	11.48	196	176725	39.662	ng	93
45) 1,1'-Biphenyl	11.68	154	683805	40.225	ng	98
46) 2-Chloronaphthalene	11.69	162	548655	39.971	ng	95
47) 2-Nitroaniline	11.90	65	151770	40.397	ng #	83
48) Acenaphthylene	12.35	152	869237	40.430	ng	99
49) Dimethylphthalate	12.23	163	670847	40.472	ng	99
50) 2,6-Dinitrotoluene	12.31	165	142130	42.031	ng	94
51) Acenaphthene	12.64	154	514422	40.059	ng	100
52) 3-Nitroaniline	12.58	138	149211	41.111	ng	92
53) 2,4-Dinitrophenol	12.77	184	69836	40.814	ng #	60
54) Dibenzofuran	12.92	168	715255	40.250	ng	99
55) 4-Nitrophenol	12.96	139	94602	43.397	ng #	74
56) 2,4-Dinitrotoluene	12.97	165	179896	41.401	ng #	87
57) Fluorene	13.48	166	592667	38.356	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.16	232	117691	41.969	ng #	97
59) Diethylphthalate	13.38	149	635179	39.980	ng	98
60) 4-Chlorophenyl-phenylether	13.51	204	275032	40.500	ng	90
61) 4-Nitroaniline	13.58	138	142048	42.632	ng	98
62) Azobenzene	13.77	77	525234	41.142	ng	93
64) 4,6-Dinitro-2-methylphenol	13.64	198	97808	39.996	ng #	69
65) n-Nitrosodiphenylamine	13.71	169	527277	39.825	ng	98
66) 4-Bromophenyl-phenylether	14.29	248	152678	39.615	ng	97
67) Hexachlorobenzene	14.37	284	155430	39.352	ng #	84
68) Atrazine	14.63	200	142743	38.185	ng	96
69) Pentachlorophenol	14.72	266	62938	38.523	ng	99
70) Phenanthrene	15.02	178	833941	39.787	ng	98
71) Anthracene	15.11	178	849390	39.672	ng	98
72) Carbazole	15.38	167	754712	38.742	ng	97
73) Di-n-butylphthalate	15.95	149	977687	40.245	ng	98
74) Fluoranthene	16.76	202	837498	38.952	ng	98
76) Benzidine	16.98	184	307667	40.098	ng	96
77) Pyrene	17.07	202	896869	40.944	ng	99
79) Butylbenzylphthalate	17.97	149	390296	38.307	ng #	86
80) Benzo(a)anthracene	18.64	228	670979	39.363	ng	99
81) 3,3'-Dichlorobenzidine	18.62	252	236456	40.164	ng #	97
82) Chrysene	18.68	228	657699	39.904	ng	100
83) Bis(2-ethylhexyl)phthalate	18.72	149	541878	37.328	ng #	99
84) Di-n-octyl phthalate	19.49	149	948466	39.851	ng	97
85) Indeno(1,2,3-cd)pyrene	21.60	276	514943	38.472	ng	99
87) Benzo(b)fluoranthene	19.91	252	643811	41.304	ng	98
88) Benzo(k)fluoranthene	19.94	252	568475m	37.809	ng	
89) Benzo(a)pyrene	20.26	252	551491	38.343	ng	100
90) Dibenzo(a,h)anthracene	21.62	278	456861	38.461	ng	99
91) Benzo(g,h,i)perylene	21.98	276	427559	36.679	ng	99

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



#1

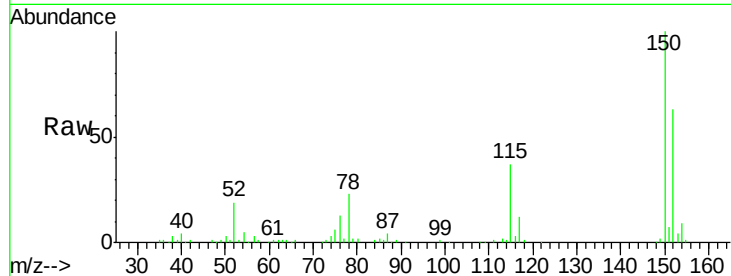
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	58.5	52.2	78.2

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM

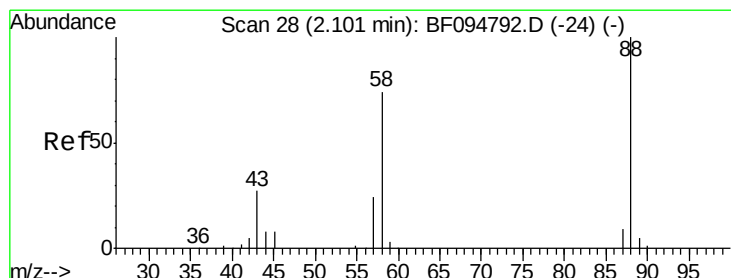
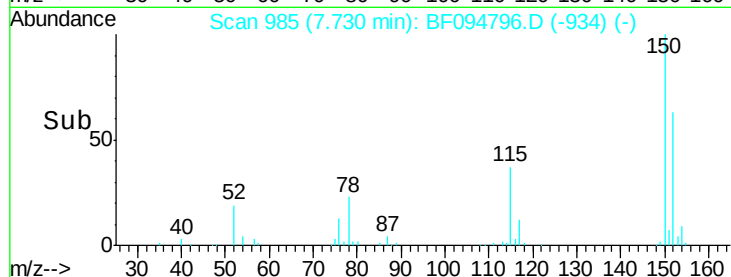
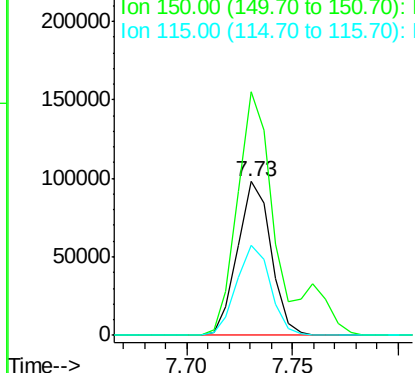


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

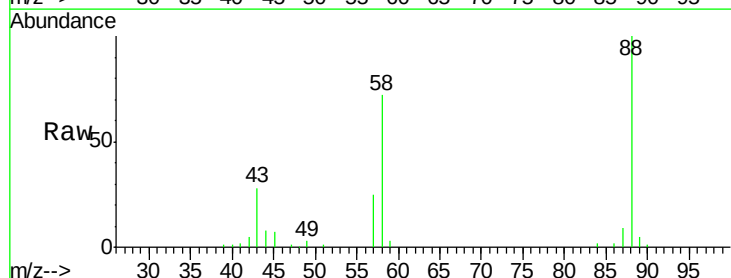
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.673 ng
RT: 2.10 min Scan# 28
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	61.4	92.0
43	26.9	23.4	35.0

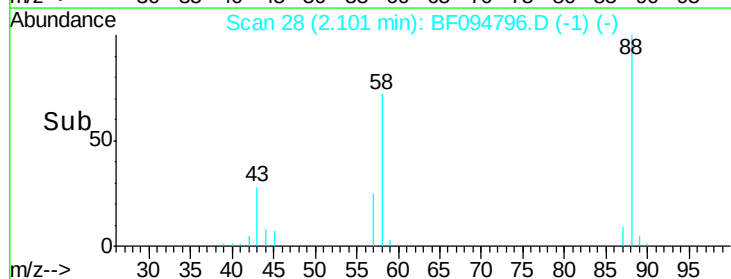
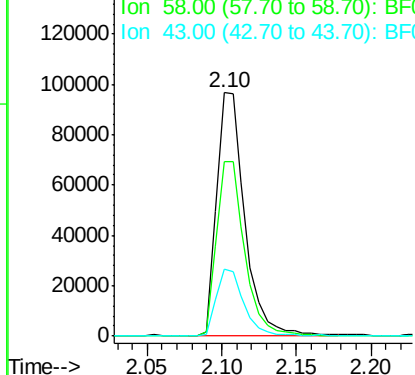


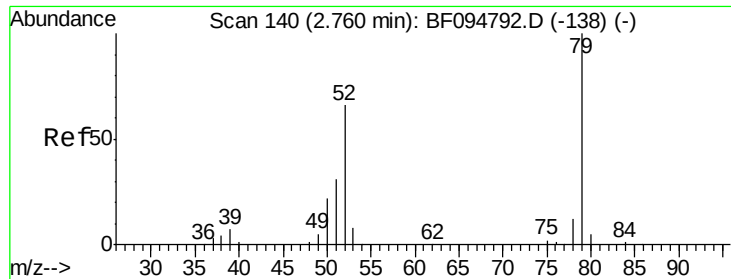
Abundance

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





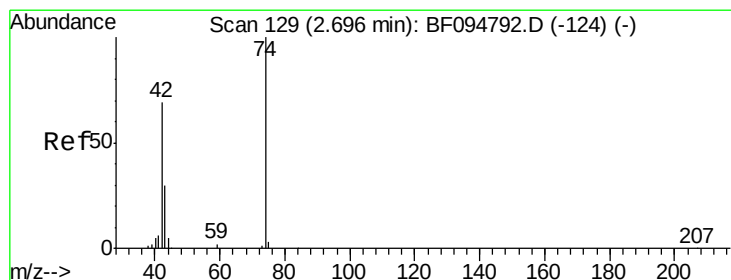
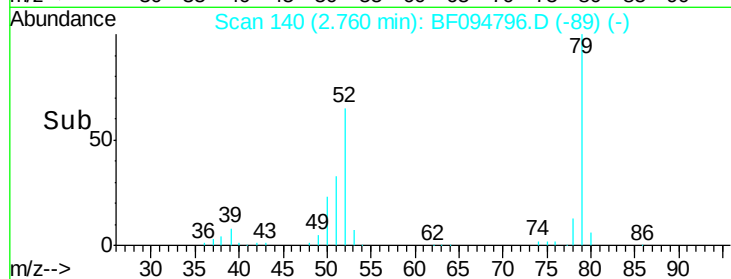
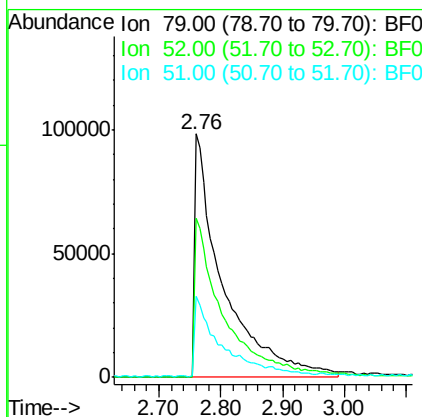
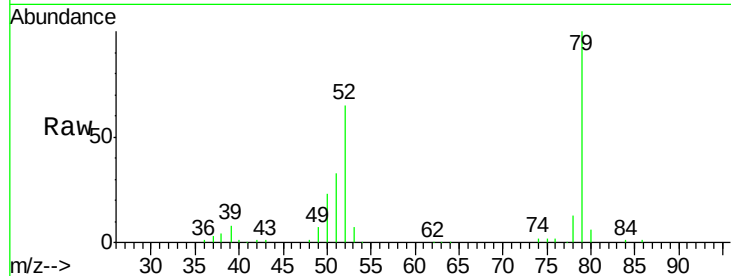
#3
 Pyridine
 Concen: 42.552 ng
 RT: 2.76 min Scan# 140
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.2	54.8	82.2
51	33.4	27.0	40.4

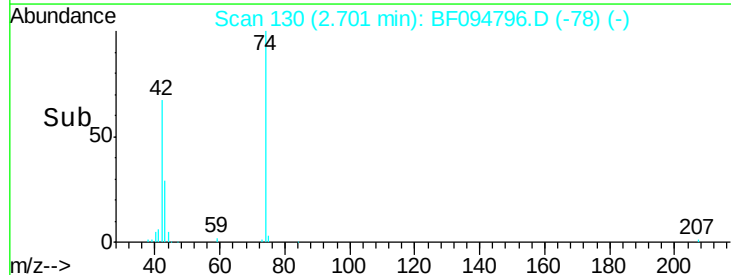
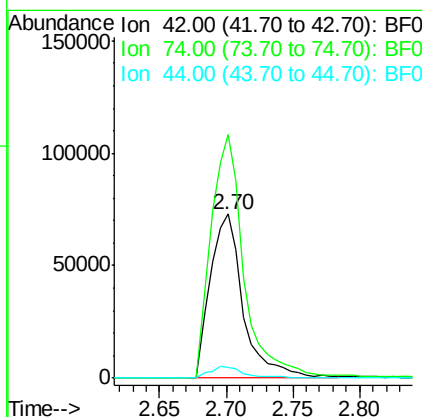
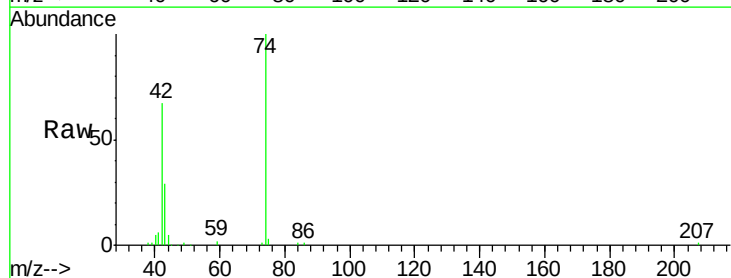
Manual Integrations
 APPROVED

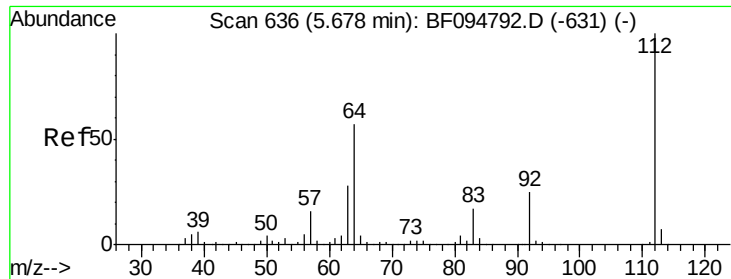
mohammad
 5/4/2017 1:44:01 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.402 ng
 RT: 2.70 min Scan# 130
 Delta R.T. 0.01 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.4	103.9	155.9
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 86.447 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

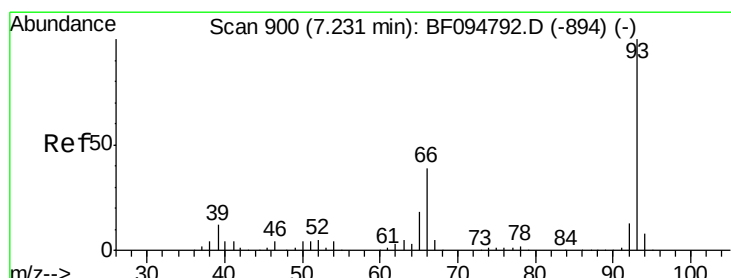
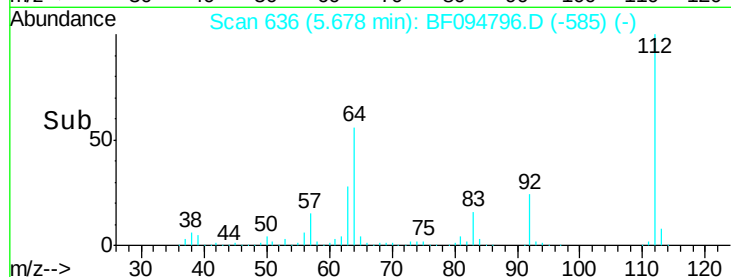
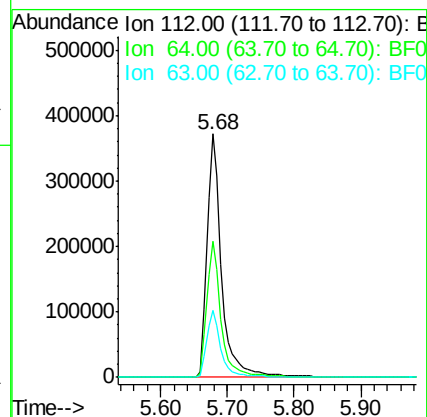
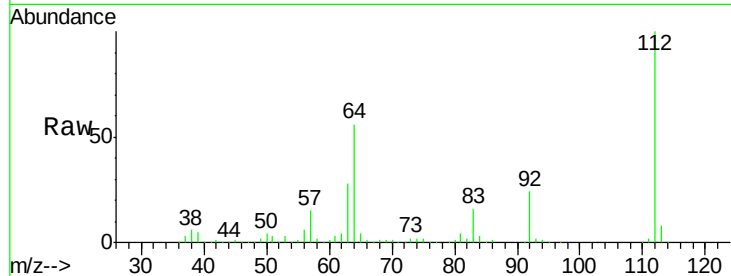
ClientSampleId :

ICVBF050217

Tgt Ion:	112	Resp:	557034
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.0	69.0
63	27.8	23.4	35.0

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



#6

Aniline

Concen: 44.848 ng

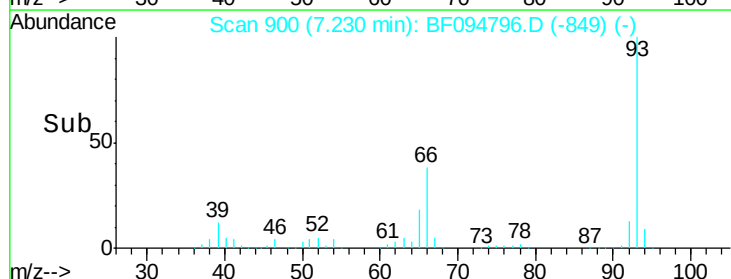
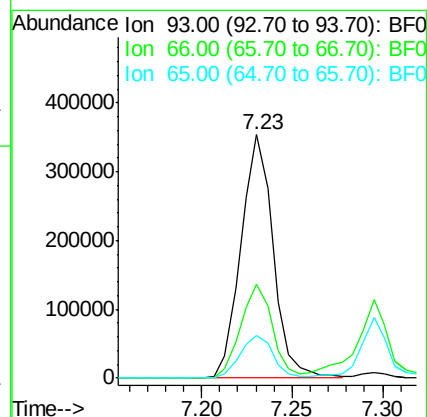
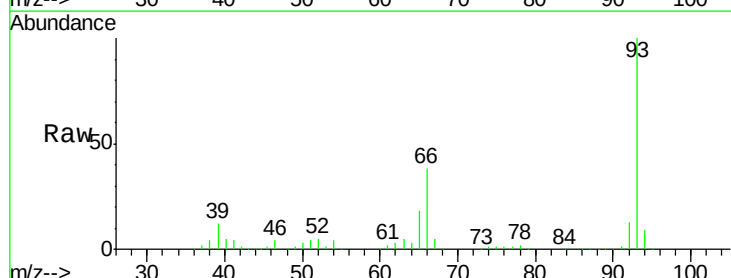
RT: 7.23 min Scan# 900

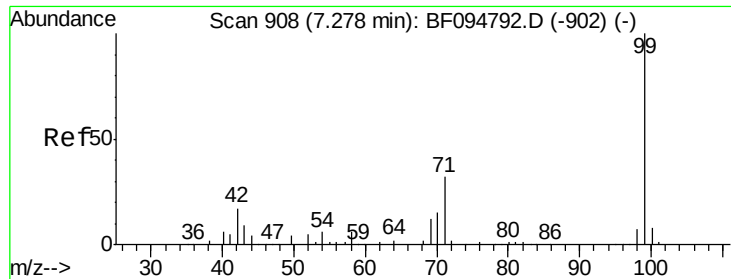
Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	93	Resp:	437737
Ion Ratio	Lower	Upper	
93	100		
66	38.4	32.9	49.3
65	17.6	16.0	24.0





#7

Phenol-d6

Concen: 83.417 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

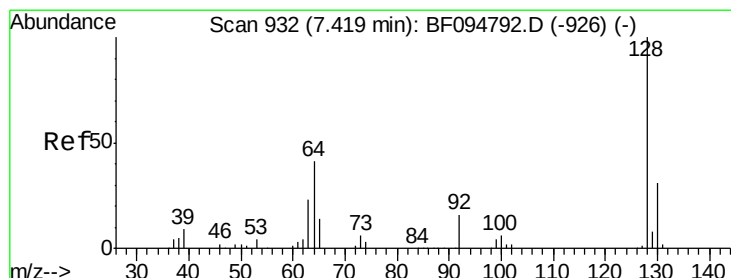
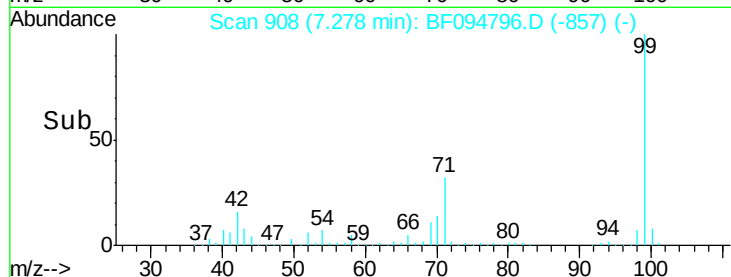
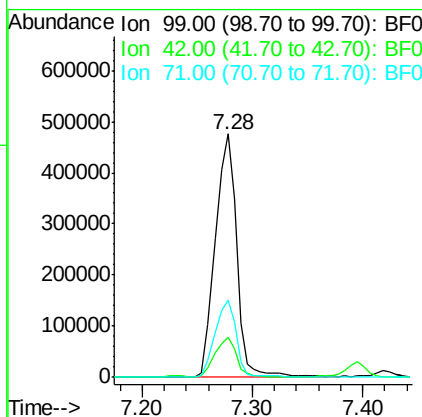
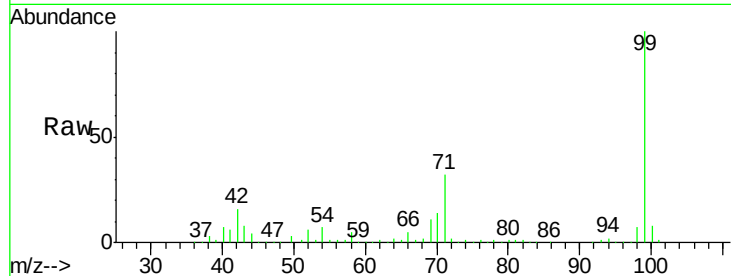
ClientSampleId :

ICVBF050217

Tgt Ion:	99	Resp:	644926
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.0	24.5	36.7

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



#8

2-Chlorophenol

Concen: 43.768 ng

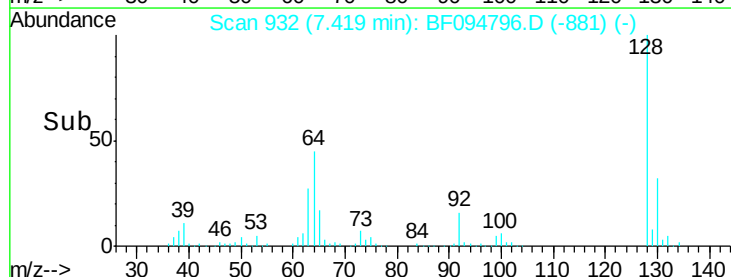
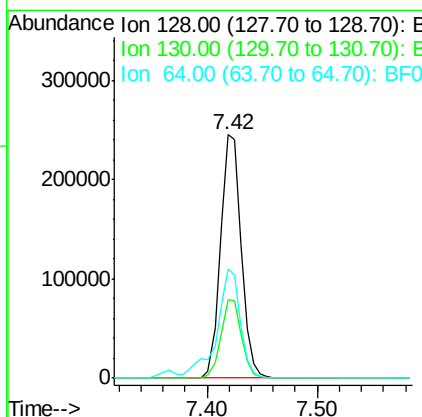
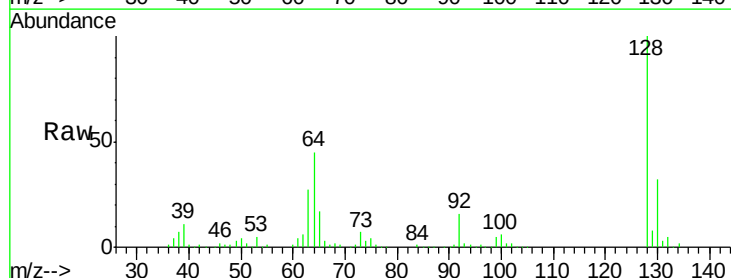
RT: 7.42 min Scan# 932

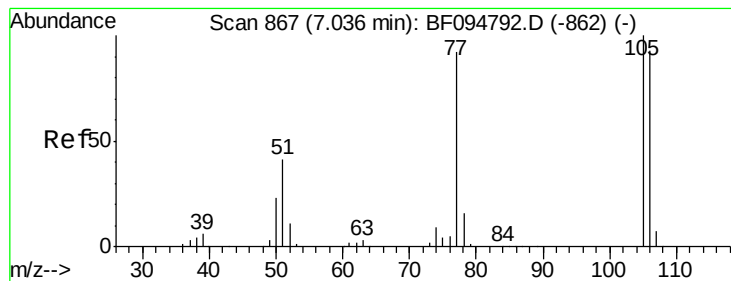
Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	128	Resp:	321003
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	45.1	28.4	68.4





#9

Benzaldehyde

Concen: 44.342 ng

RT: 7.04 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

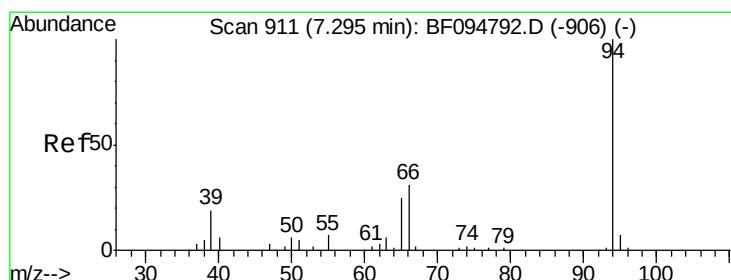
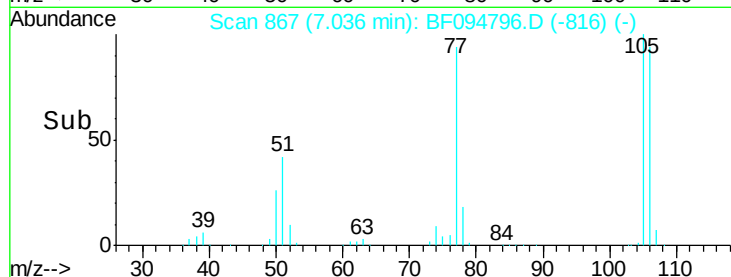
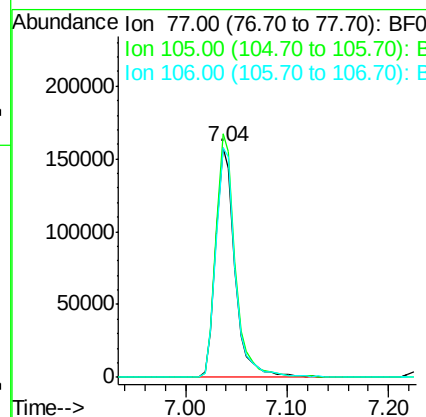
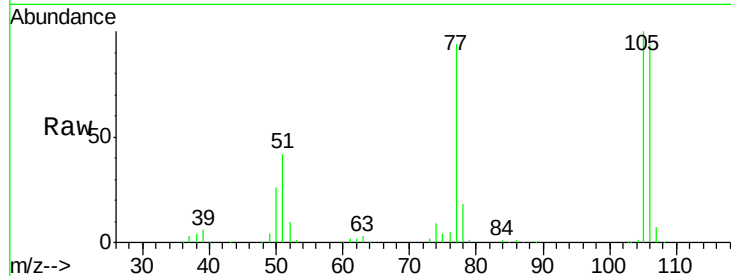
ClientSampleId :

ICVBF050217

Tgt Ion: 77 Resp: 209336
 Ion Ratio Lower Upper
 77 100
 105 106.0 83.8 123.8
 106 100.1 79.1 119.1

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:01 PM



#10

Phenol

Concen: 42.533 ng

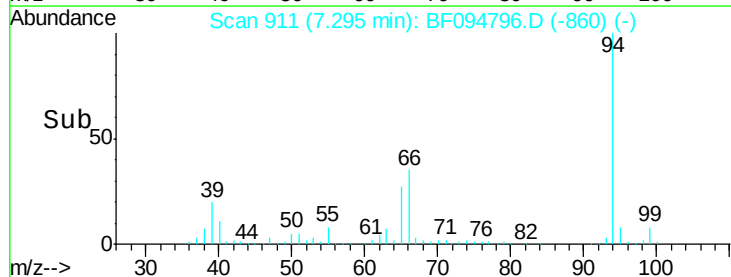
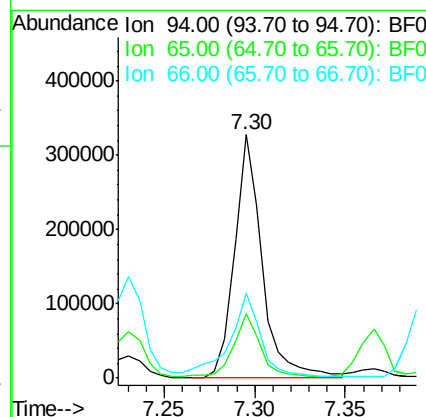
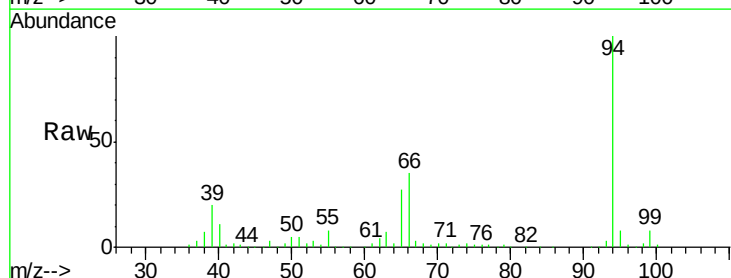
RT: 7.30 min Scan# 911

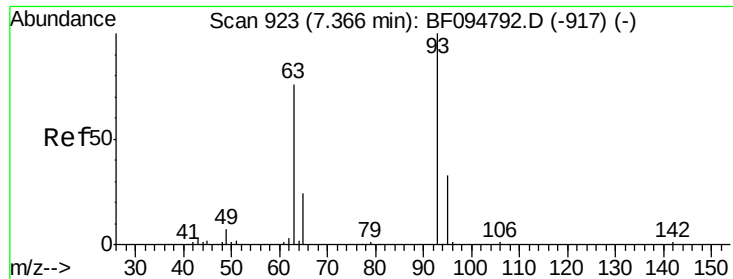
Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion: 94 Resp: 346525
 Ion Ratio Lower Upper
 94 100
 65 26.7 9.9 49.9
 66 35.0 23.1 63.1





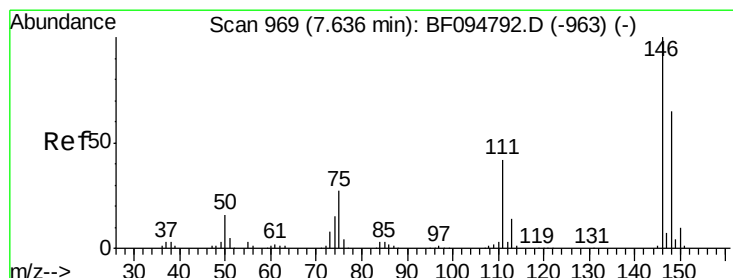
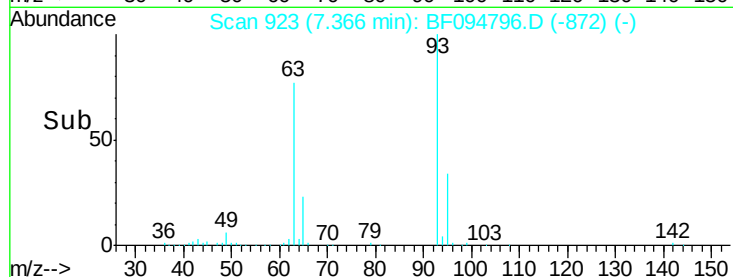
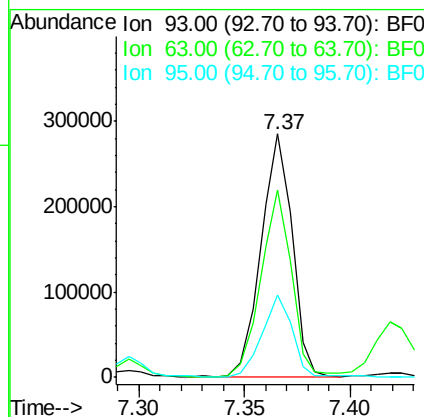
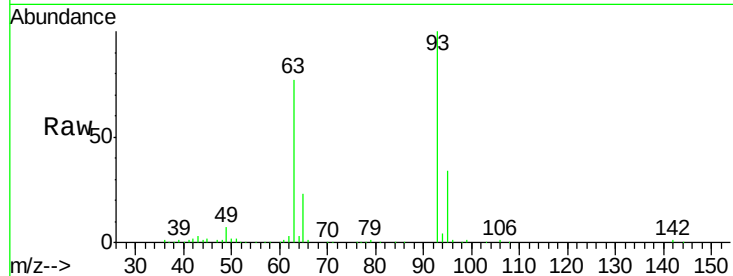
#11
bis(2-Chloroethyl)ether
Concen: 43.010 ng
RT: 7.37 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion:	93	Resp:	289274
Ion	Ratio	Lower	Upper
93	100		
63	76.9	59.2	99.2
95	33.8	12.8	52.8

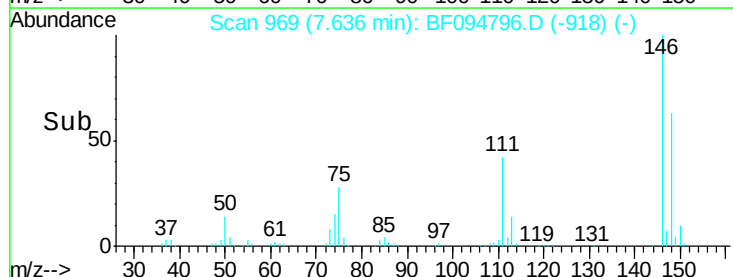
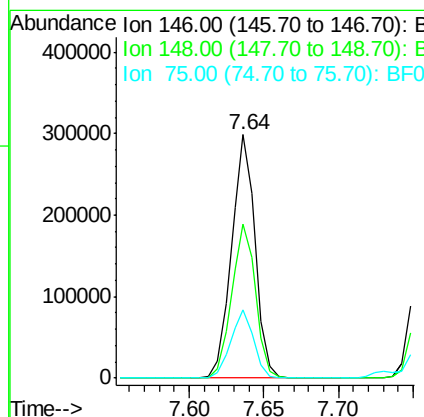
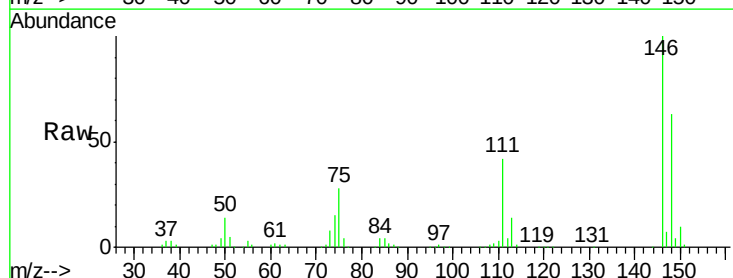
Manual Integrations
APPROVED

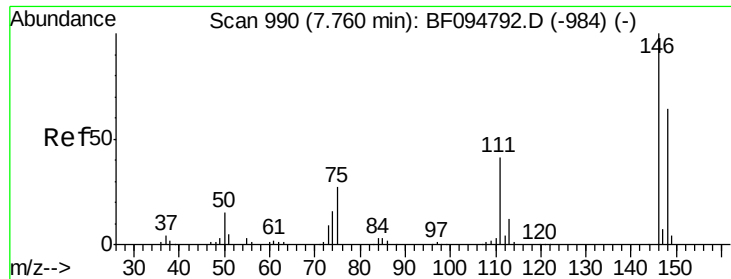
mohammad
5/4/2017 1:44:01 PM



#12
1,3-Dichlorobenzene
Concen: 39.841 ng
RT: 7.64 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion:	146	Resp:	331462
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	27.9	23.1	34.7





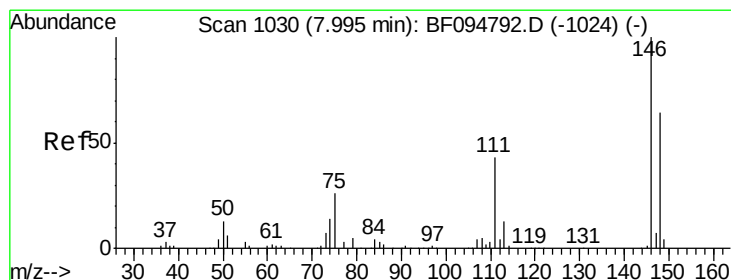
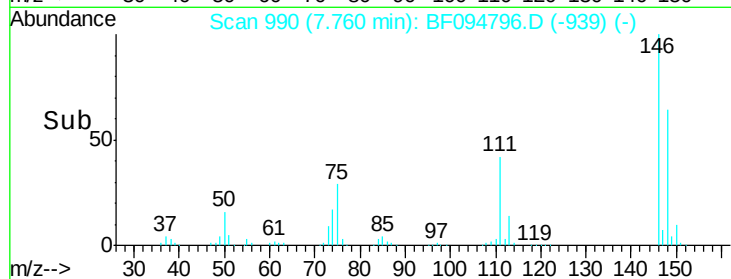
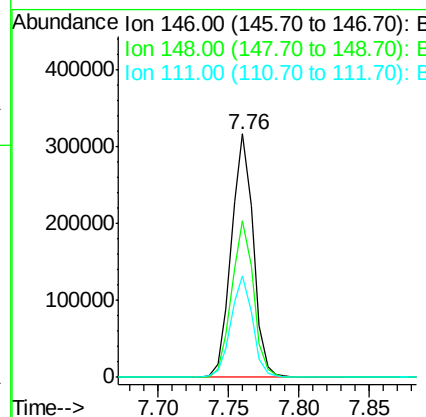
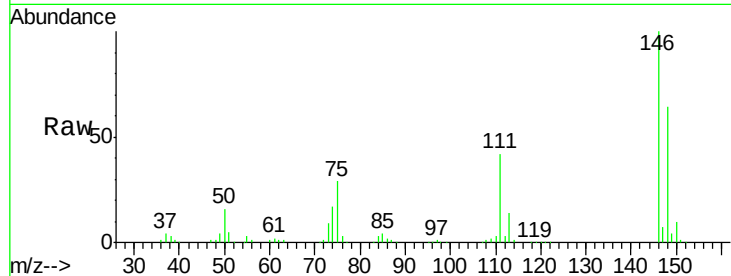
#13
 1,4-Dichlorobenzene
 Concen: 40.403 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.7	30.3	45.5

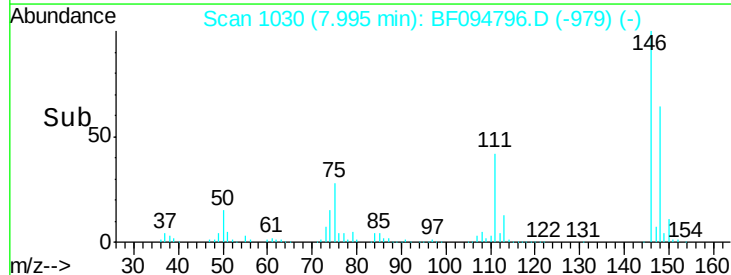
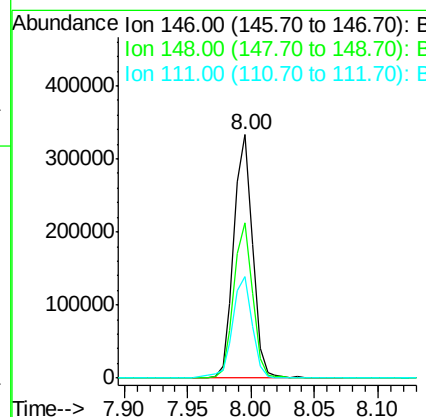
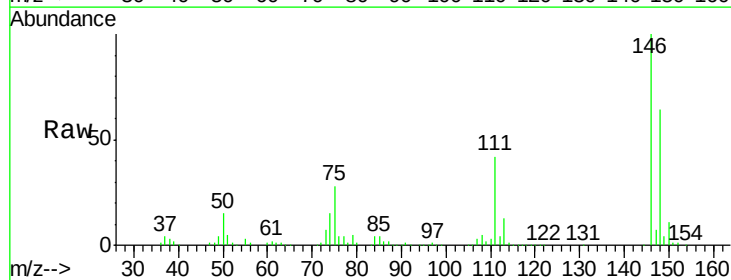
Manual Integrations
 APPROVED

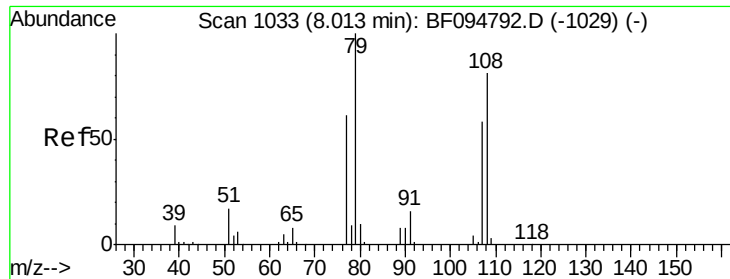
mohammad
 5/4/2017 1:44:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.291 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	41.6	38.2	57.4





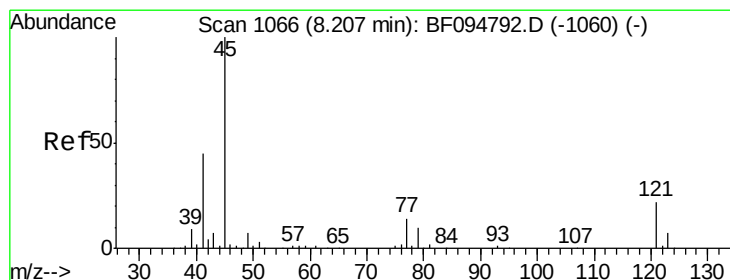
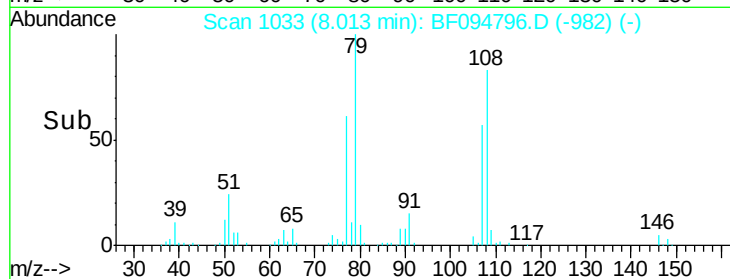
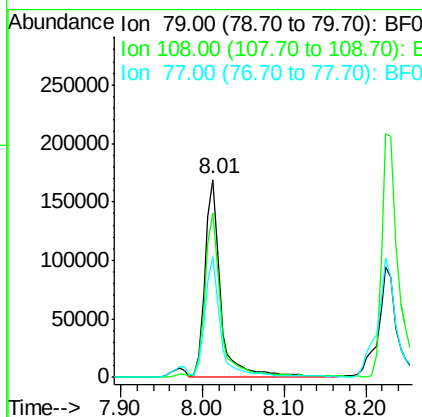
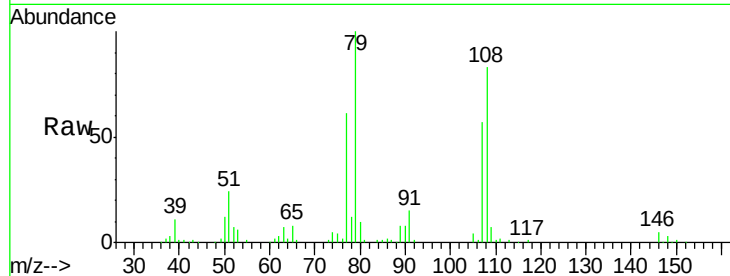
#15
Benzyl Alcohol
Concen: 45.492 ng
RT: 8.01 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.1	63.4	95.0
77	60.7	49.2	73.8

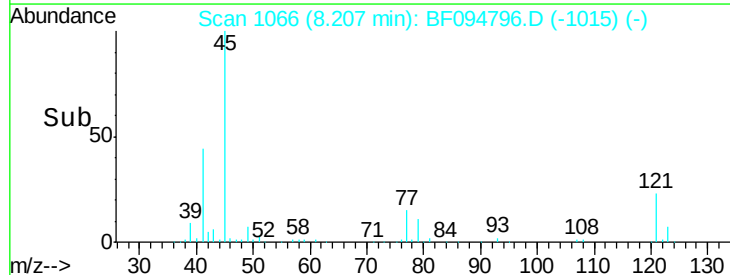
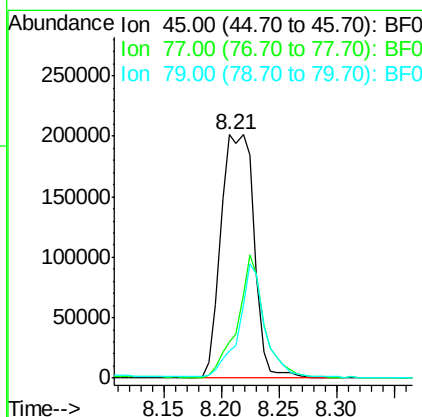
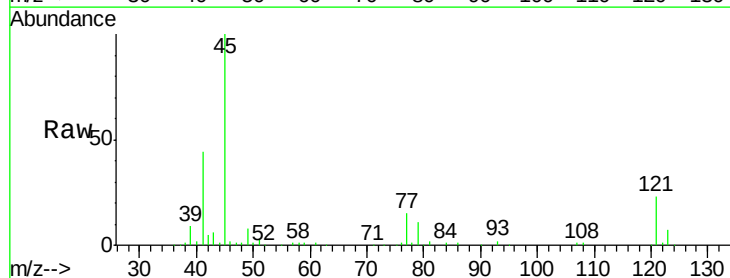
Manual Integrations
APPROVED

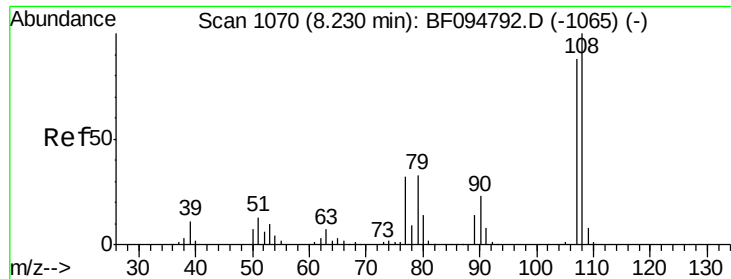
mohammad
5/4/2017 1:44:01 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.074 ng
RT: 8.21 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.2
79	11.0	0.0	30.0





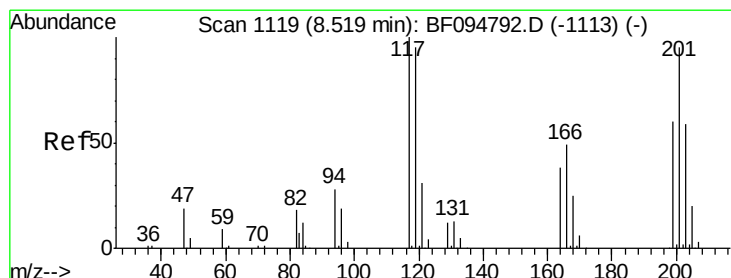
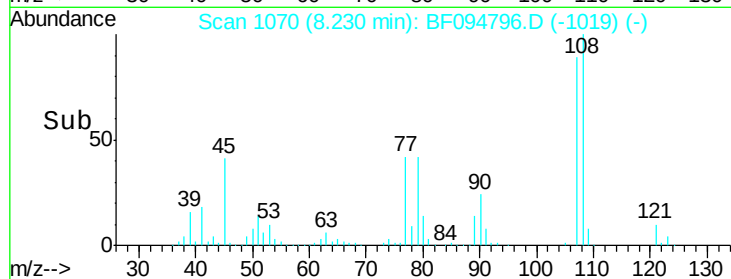
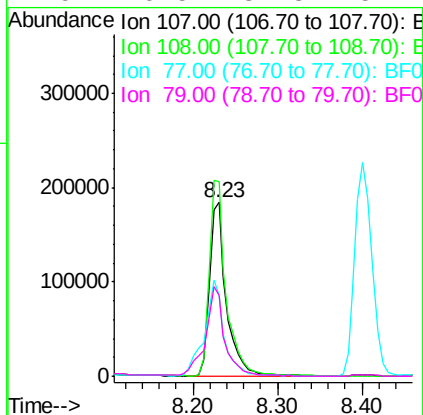
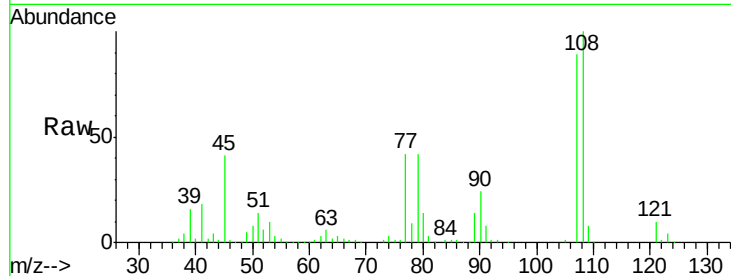
#17
2-Methylphenol
Concen: 43.402 ng
RT: 8.23 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	260501		
108	112.1	93.4	140.0	
77	46.8	35.8	53.6	
79	46.5	34.8	52.2	

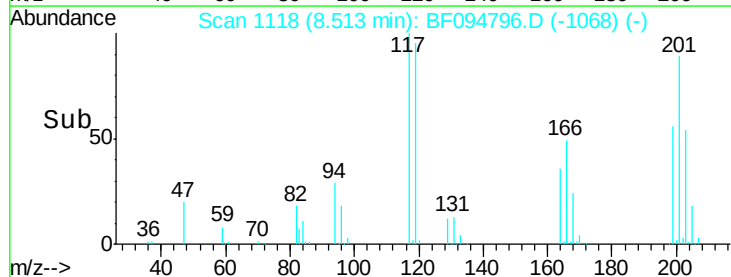
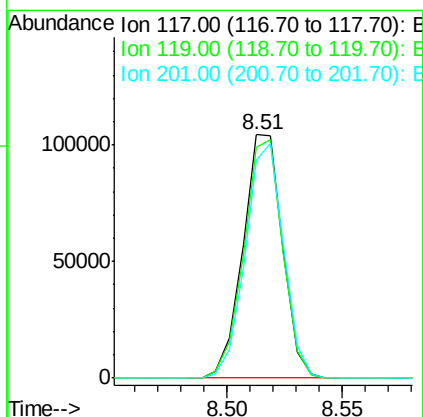
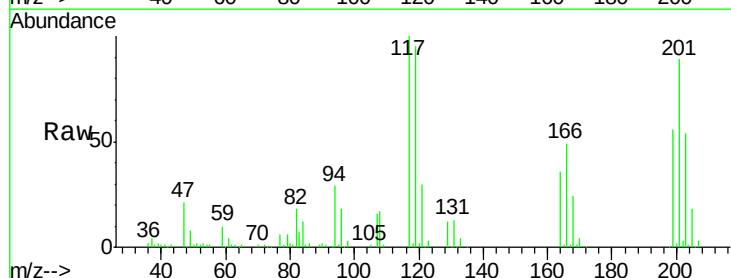
Manual Integrations
APPROVED

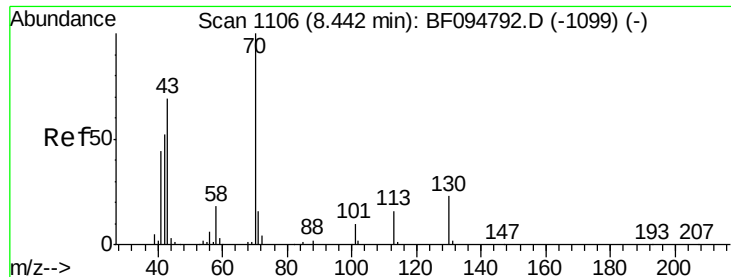
mohammad
5/4/2017 1:44:01 PM



#18
Hexachloroethane
Concen: 43.551 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124475		
119	94.7	77.4	116.0	
201	89.5	94.6	141.8#	





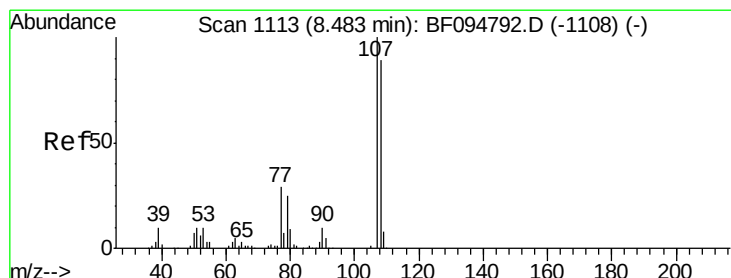
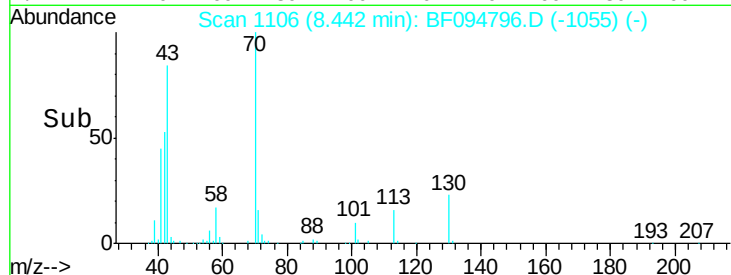
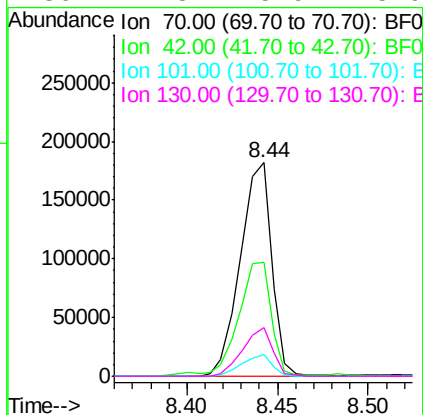
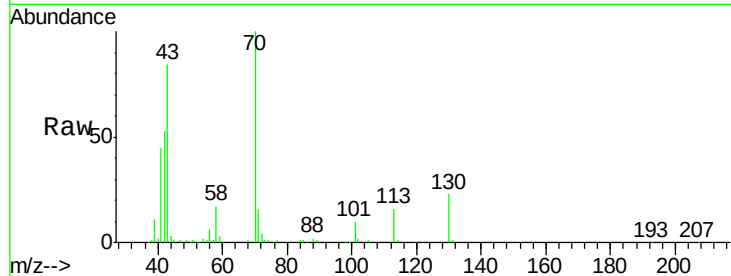
#19
n-Nitroso-di-n-propylamine
Concen: 42.133 ng
RT: 8.44 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.2	70.8
101	10.1	7.2	10.8
130	22.8	15.9	23.9

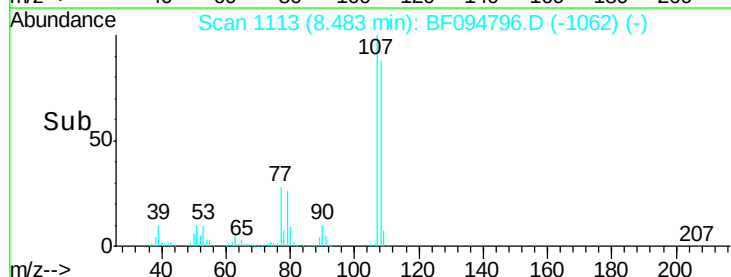
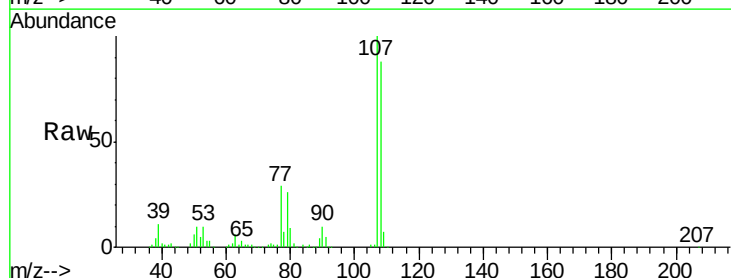
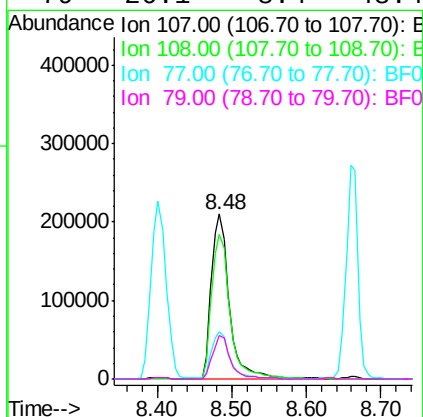
Manual Integrations
APPROVED

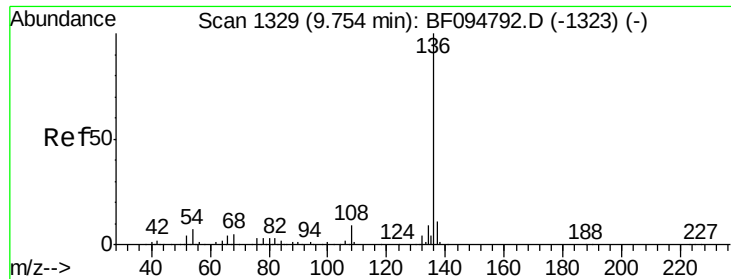
mohammad
5/4/2017 1:44:01 PM



#20
3+4-Methylphenols
Concen: 43.017 ng
RT: 8.48 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.0	111.0
77	28.6	90.5	130.5#
79	26.1	8.4	48.4





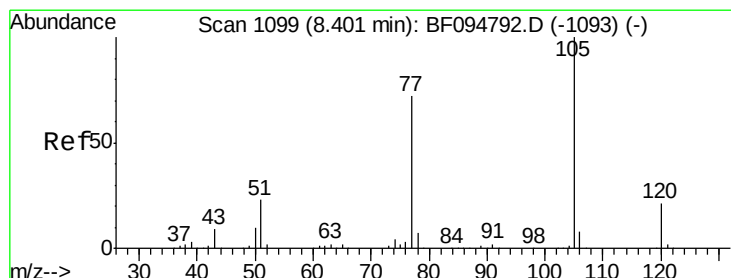
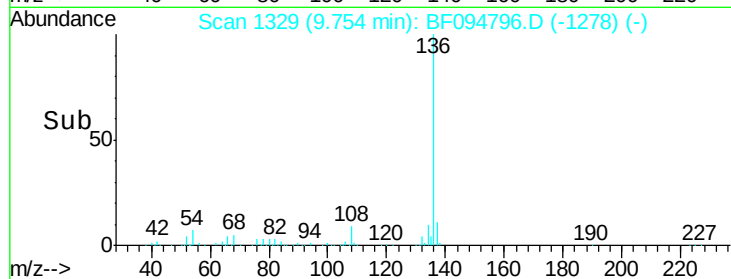
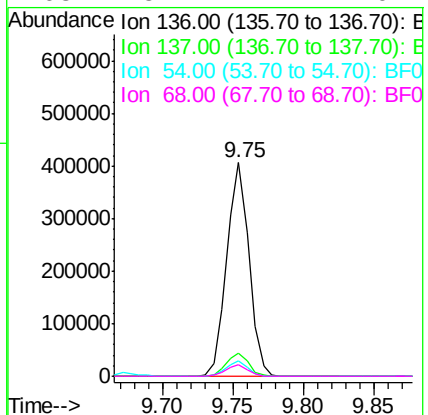
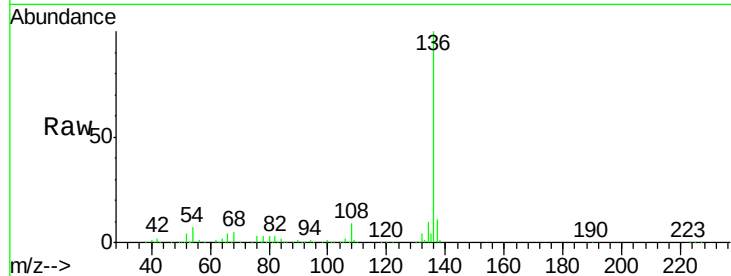
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	445157		
137	10.9	8.5	12.7	
54	6.9	4.9	7.3	
68	5.4	4.1	6.1	

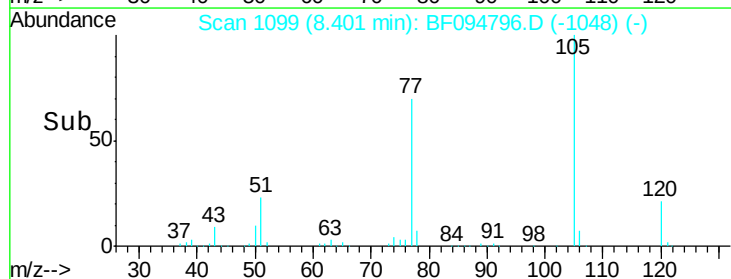
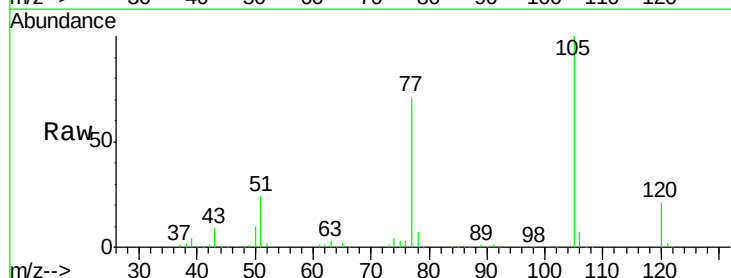
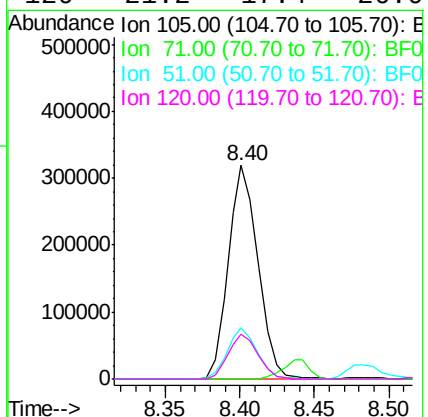
Manual Integrations
APPROVED

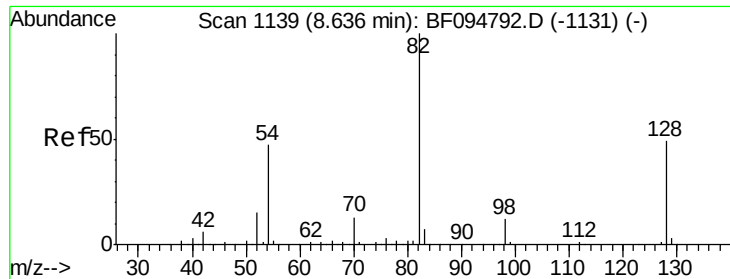
mohammad
5/4/2017 1:44:01 PM



#22
Acetophenone
Concen: 41.606 ng
RT: 8.40 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	444372		
71	0.0	2.8	4.2#	
51	23.7	30.7	46.1#	
120	21.2	17.4	26.0	





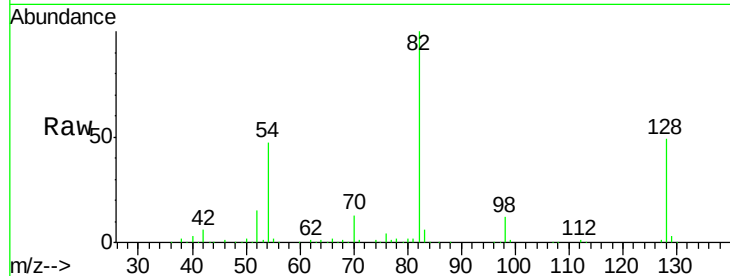
#23
 Nitrobenzene-d5
 Concen: 85.246 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

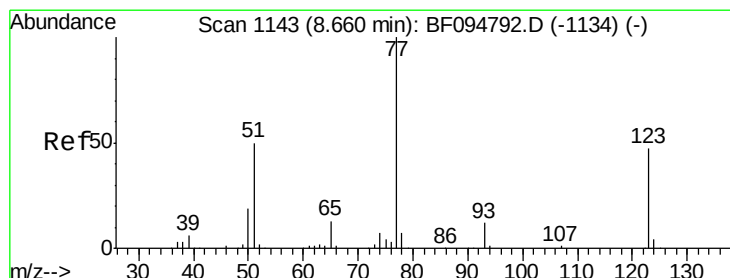
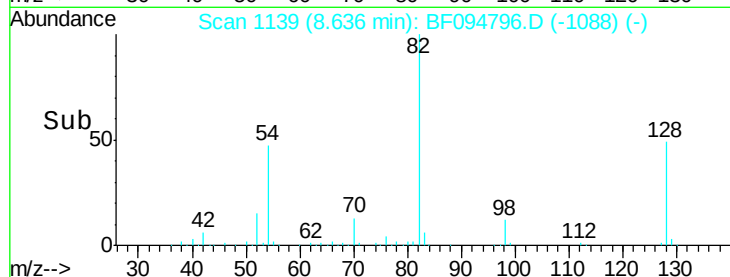
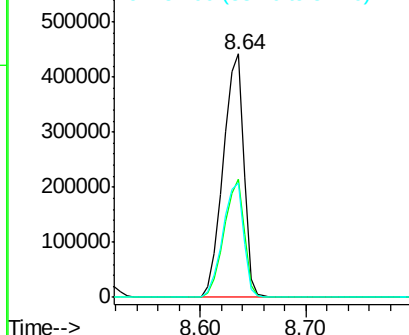
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	601791		
128	48.7	34.0	51.0	
54	47.2	42.2	63.2	

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:01 PM

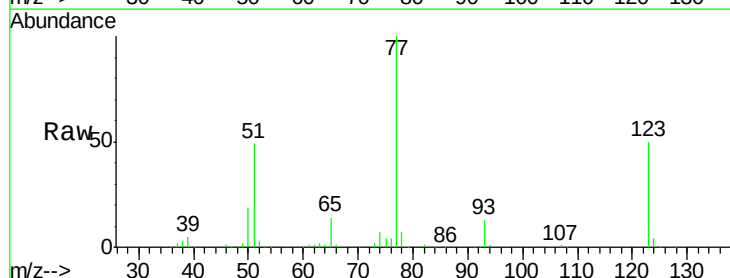


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

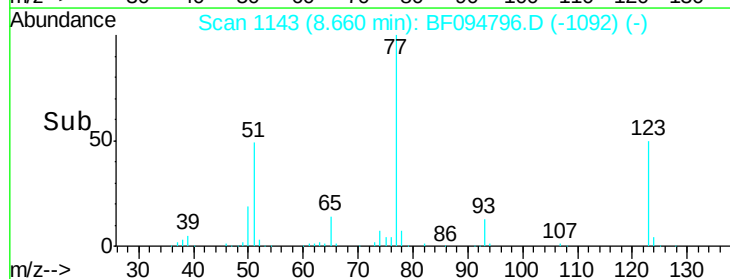
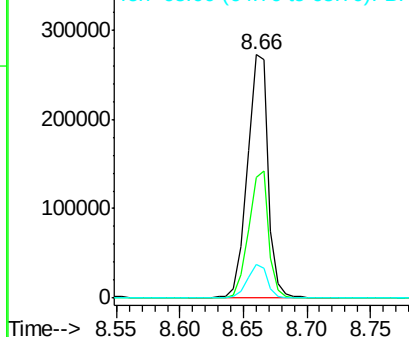


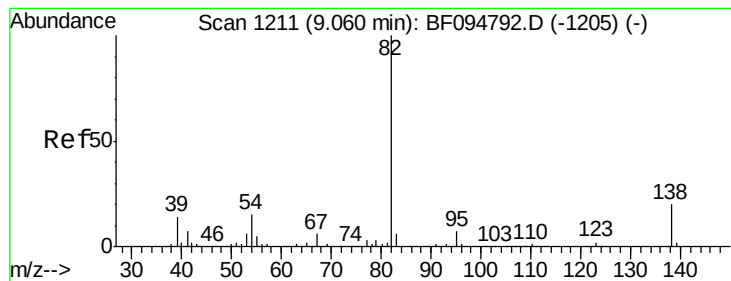
#24
 Nitrobenzene
 Concen: 41.630 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	308037		
123	49.7	35.8	53.8	
65	13.6	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.390 ng

RT: 9.07 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

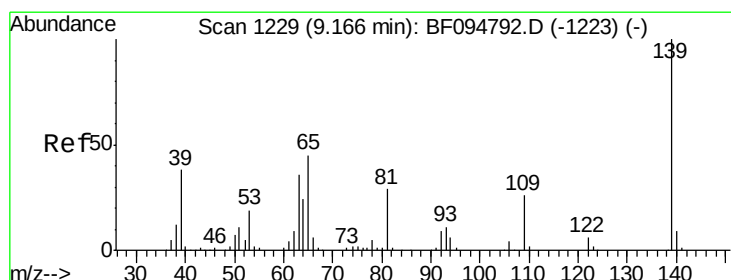
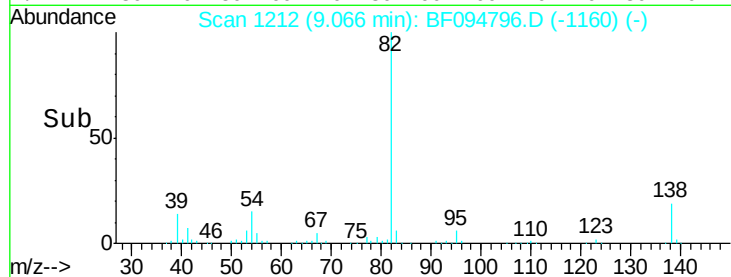
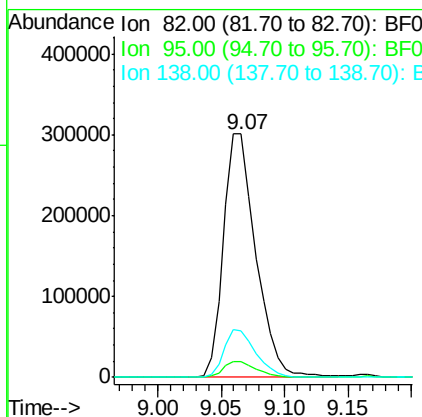
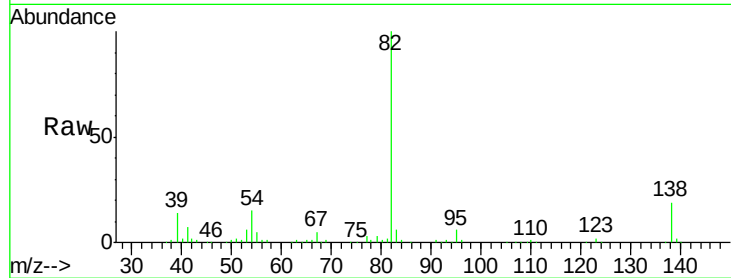
ClientSampleId :

ICVBF050217

Tgt Ion:	82	Resp:	534347
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.3	7.9
138	18.9	13.1	19.7

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



#26

2-Nitrophenol

Concen: 43.756 ng

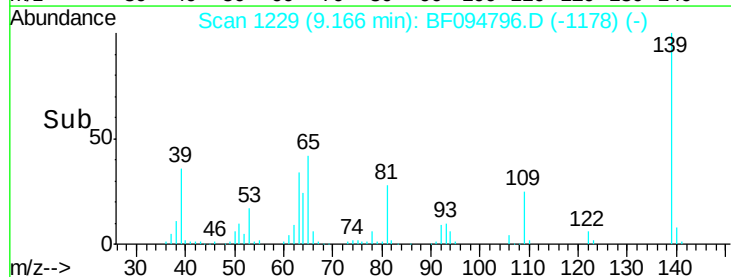
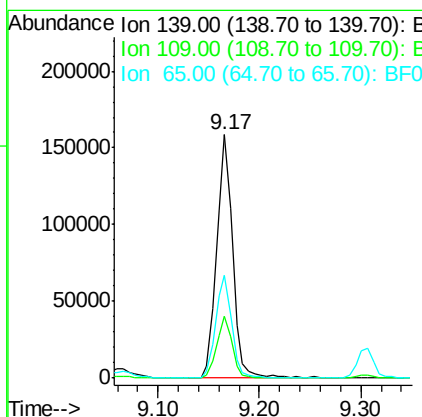
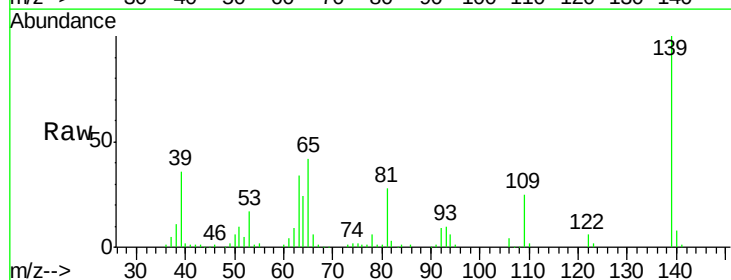
RT: 9.17 min Scan# 1229

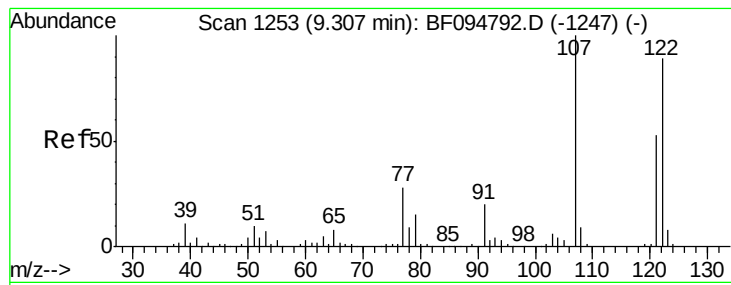
Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	139	Resp:	174707
Ion Ratio		Lower	Upper
139	100		
109	25.2	21.0	31.6
65	42.4	33.0	49.6





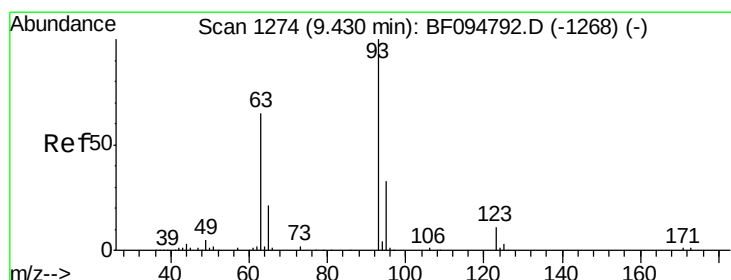
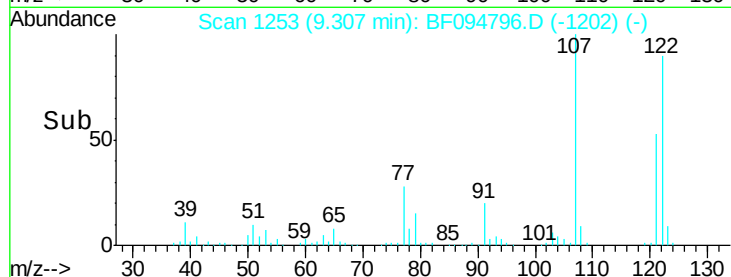
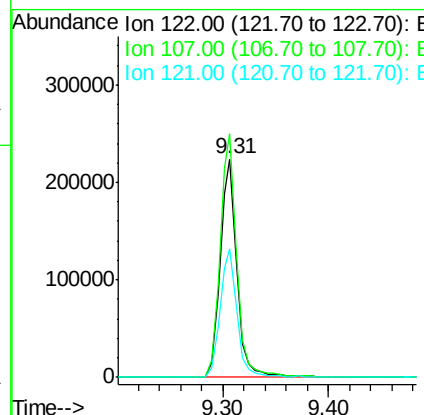
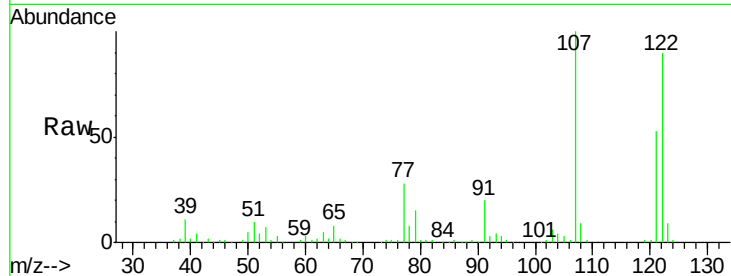
#27
 2,4-Dimethylphenol
 Concen: 39.286 ng
 RT: 9.31 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	253606		
107	111.5	89.2	133.8	
121	58.6	45.2	67.8	

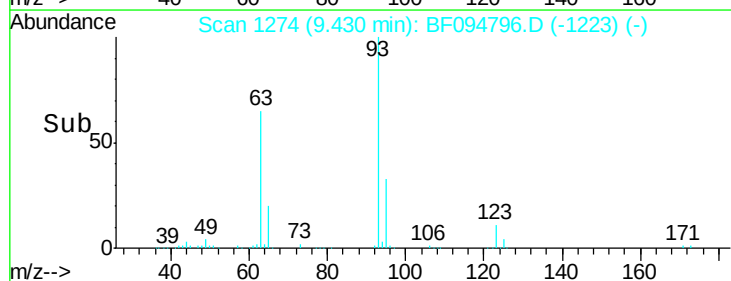
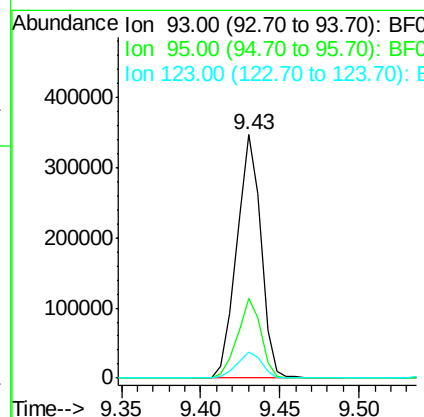
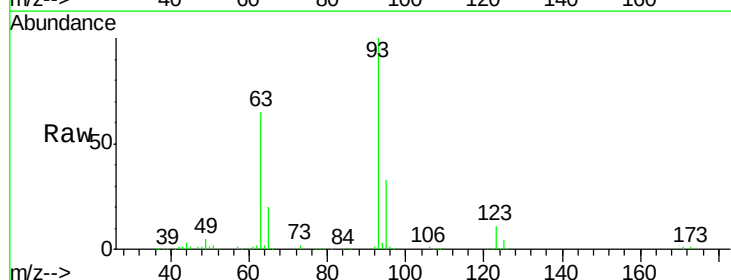
Manual Integrations
 APPROVED

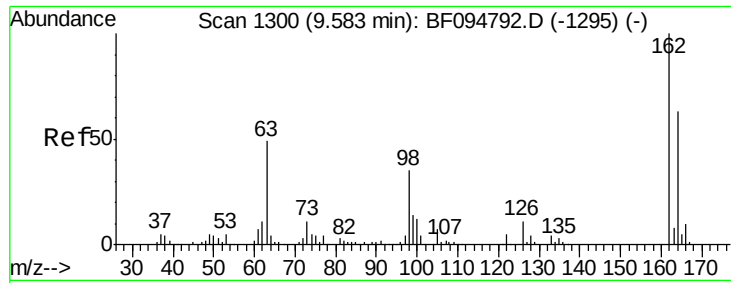
mohammad
 5/4/2017 1:44:01 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.956 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	365870		
95	32.7	26.5	39.7	
123	10.9	9.0	13.4	





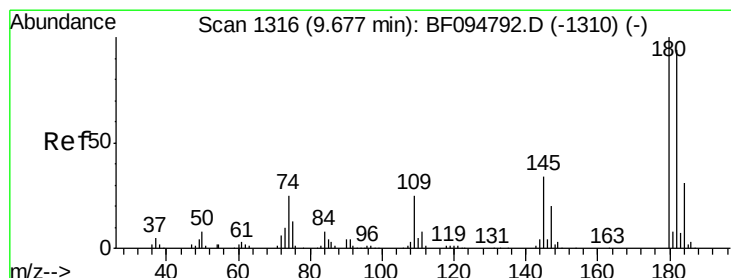
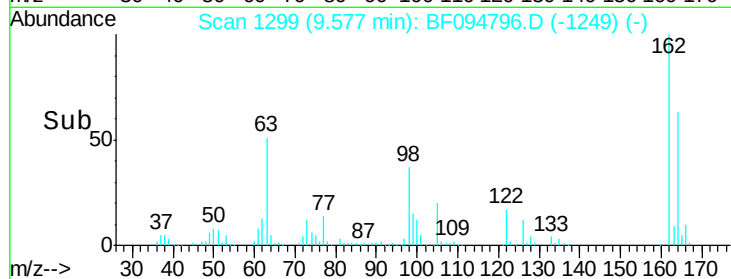
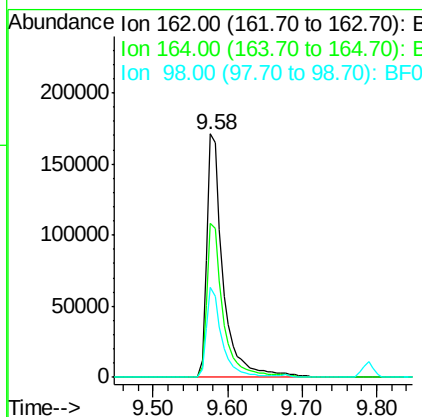
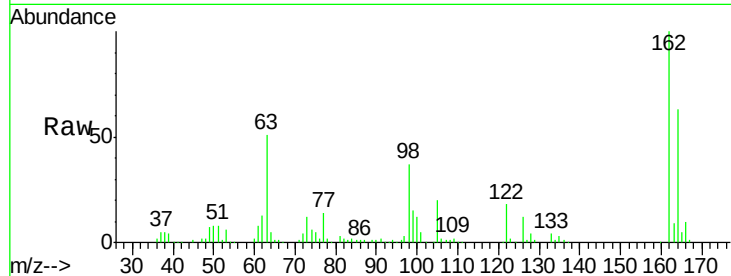
#29
 2,4-Dichlorophenol
 Concen: 42.497 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	259033		
164	63.3	44.6	84.6	
98	37.0	14.8	54.8	

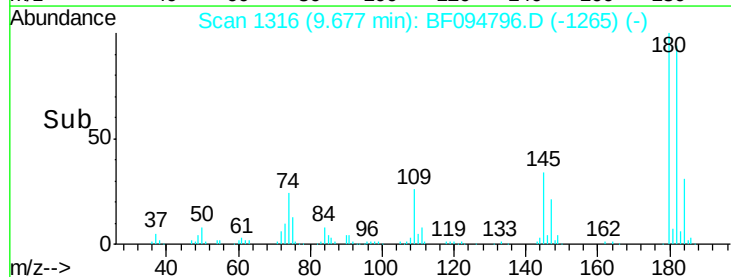
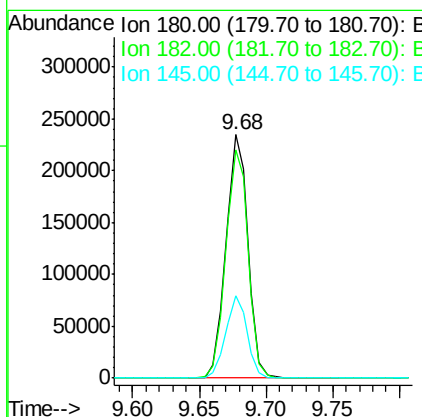
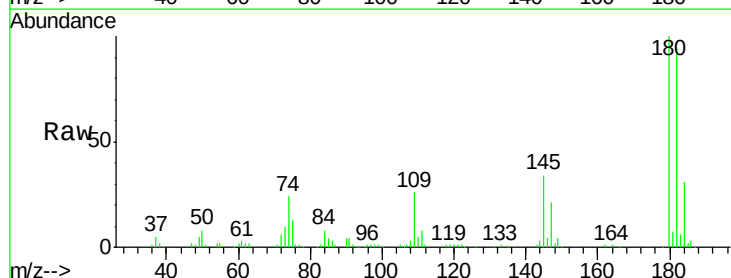
Manual Integrations
 APPROVED

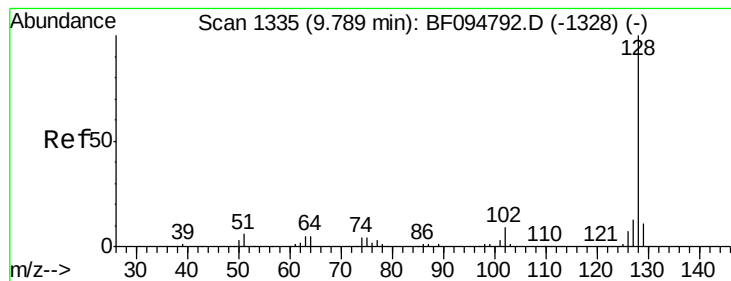
mohammad
 5/4/2017 1:44:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.756 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	272675		
182	93.5	75.8	113.6	
145	33.8	25.3	37.9	





#31

Naphthalene

Concen: 41.433 ng

RT: 9.79 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

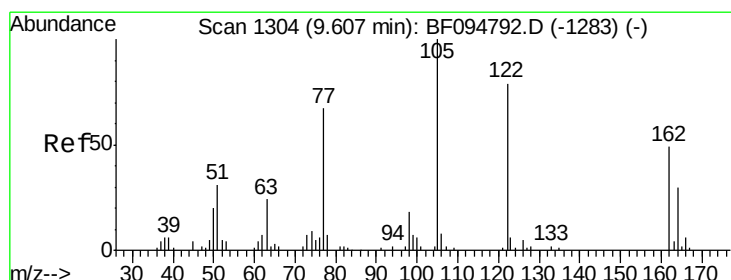
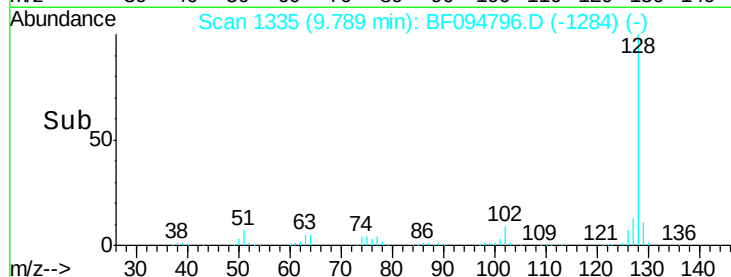
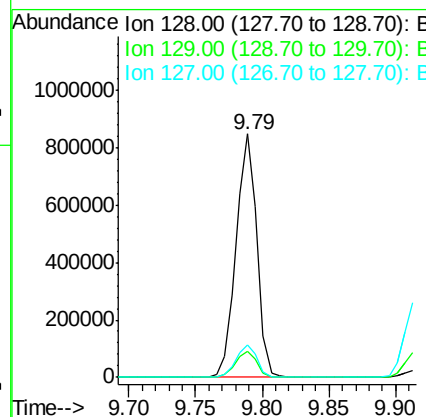
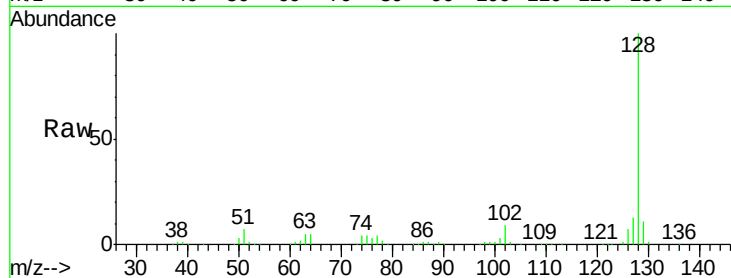
ClientSampleId :

ICVBF050217

Tgt Ion:	128	Resp:	927004
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.6
127	13.4	10.8	16.2

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



#32

Benzoic acid

Concen: 40.819 ng

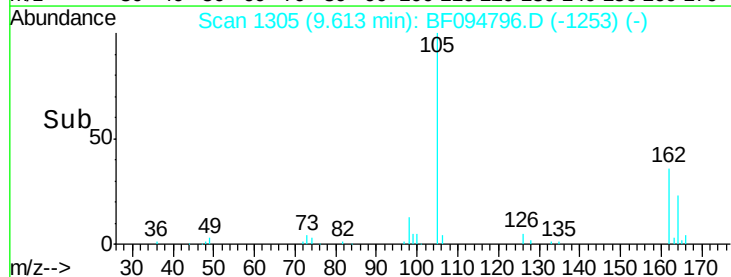
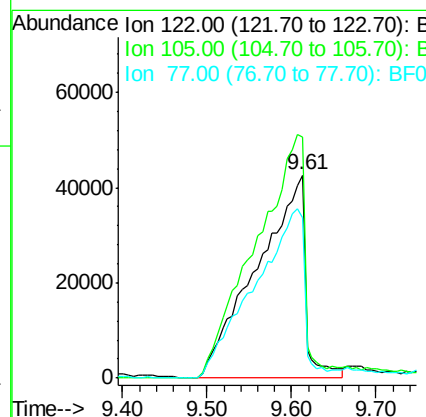
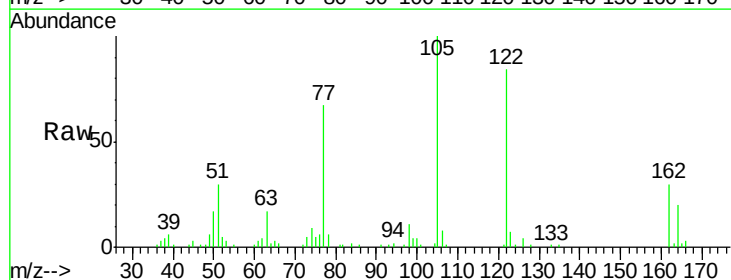
RT: 9.61 min Scan# 1305

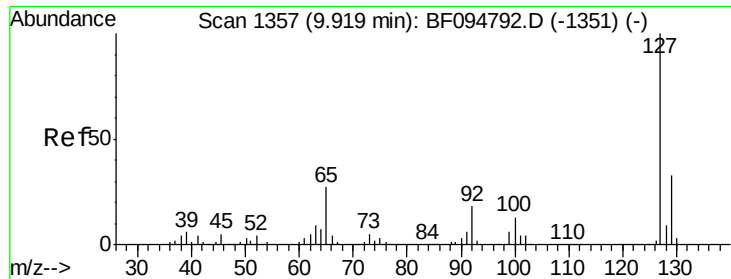
Delta R.T. 0.01 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	122	Resp:	169404
Ion Ratio	Lower	Upper	
122	100		
105	118.8	103.3	143.3
77	79.1	73.7	113.7





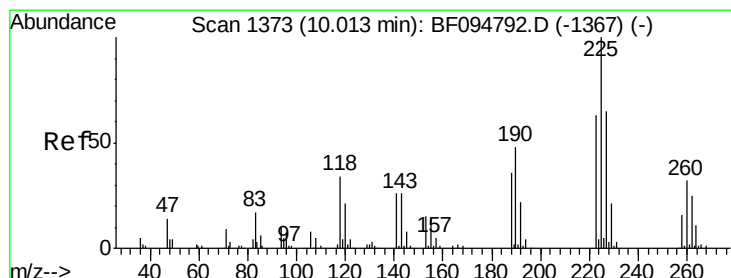
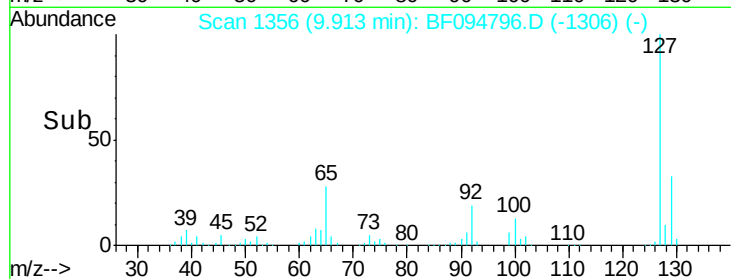
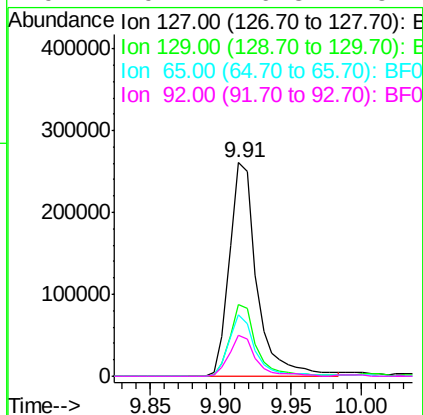
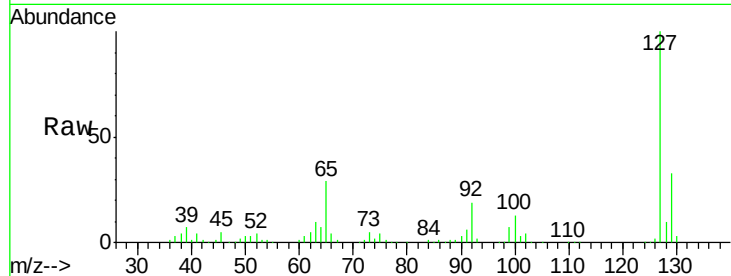
#33
 4-Chloroaniline
 Concen: 42.501 ng
 RT: 9.91 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	26.2	39.2	
65	28.5	27.8	41.8	
92	19.2	16.8	25.2	

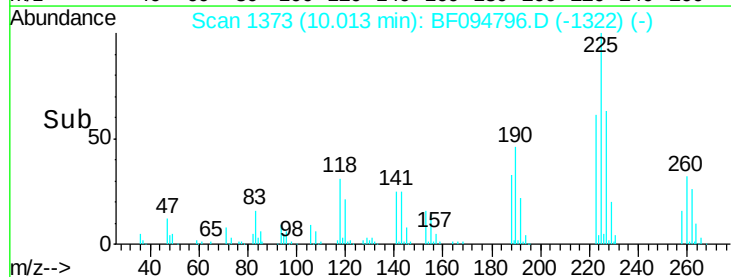
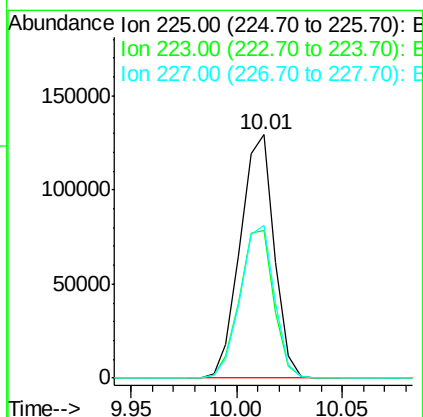
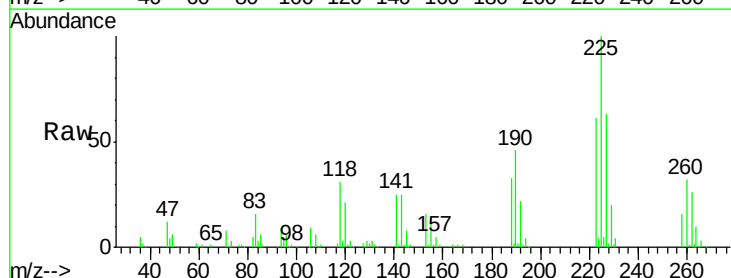
Manual Integrations
 APPROVED

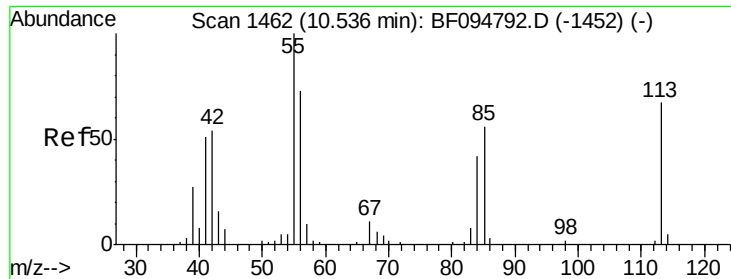
mohammad
 5/4/2017 1:44:01 PM



#34
 Hexachlorobutadiene
 Concen: 41.832 ng
 RT: 10.01 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.5	48.8	73.2	
227	62.7	51.1	76.7	





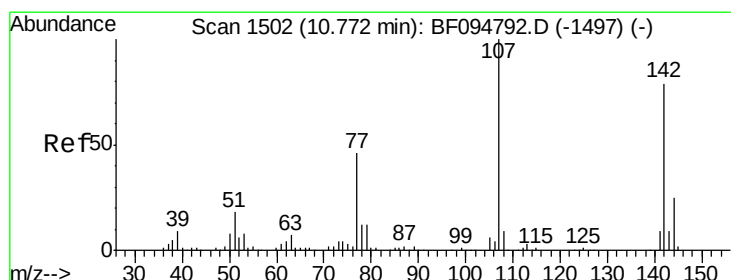
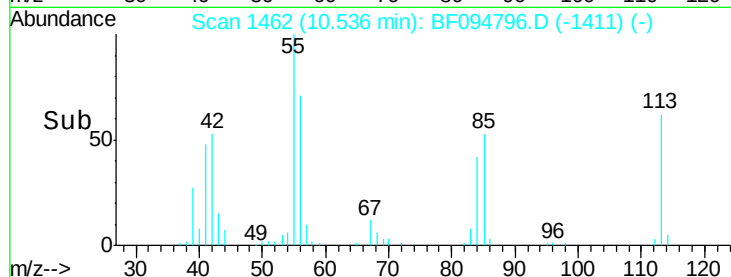
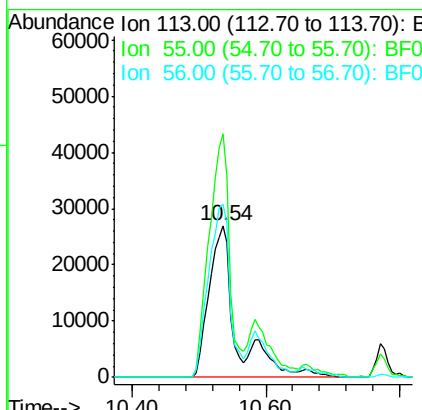
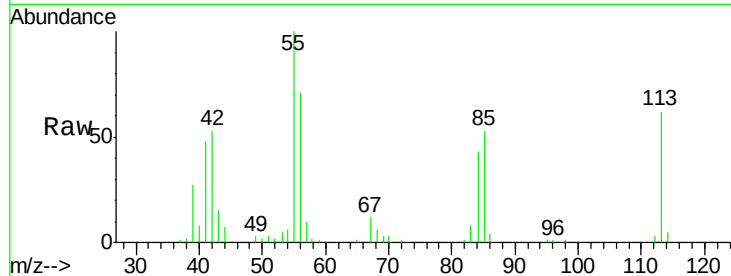
#35
 Caprolactam
 Concen: 42.440 ng m
 RT: 10.54 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion:113 Resp: 77678
 Ion Ratio Lower Upper
 113 100
 55 160.3 150.2 190.2
 56 114.1 107.8 147.8

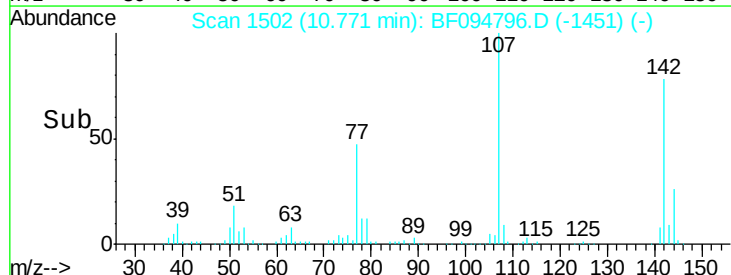
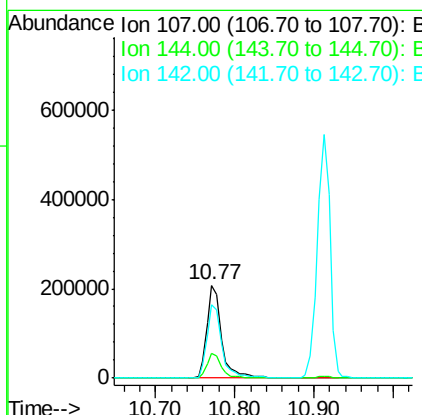
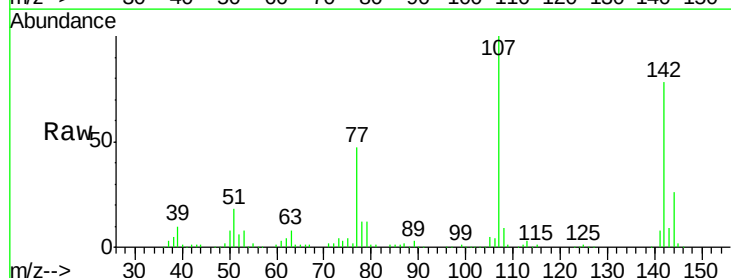
Manual Integrations
 APPROVED

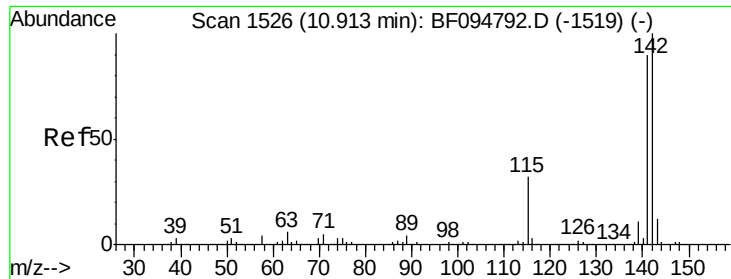
mohammad
 5/4/2017 1:44:01 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.593 ng
 RT: 10.77 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion:107 Resp: 271057
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 78.4 73.4 110.0





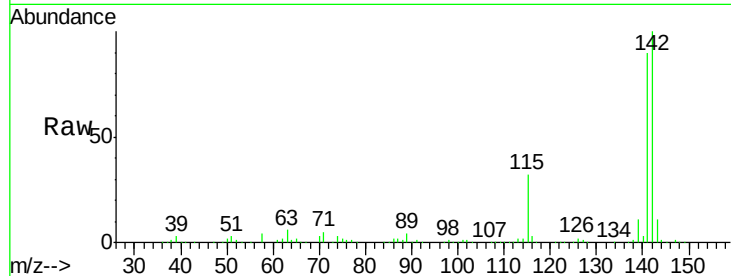
#37
2-Methylnaphthalene
Concen: 41.436 ng
RT: 10.91 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

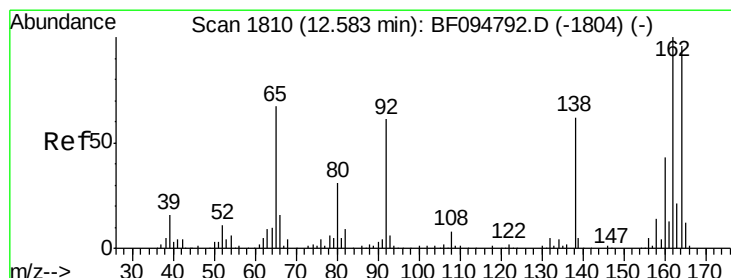
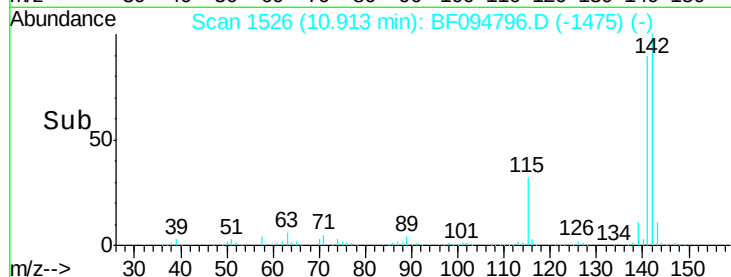
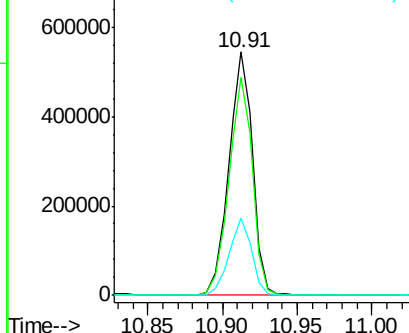
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	31.6	27.1	40.7

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



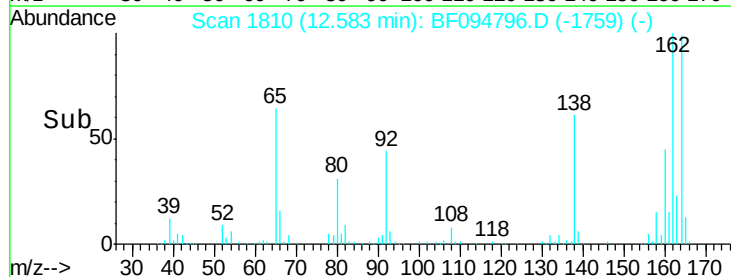
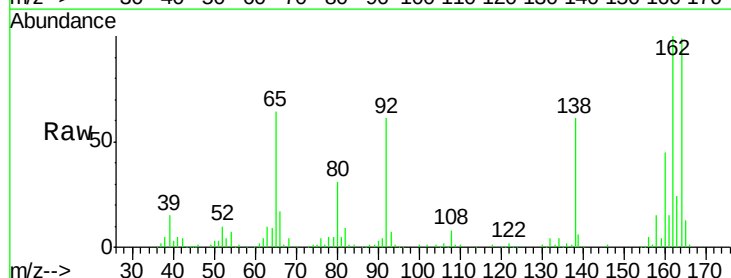
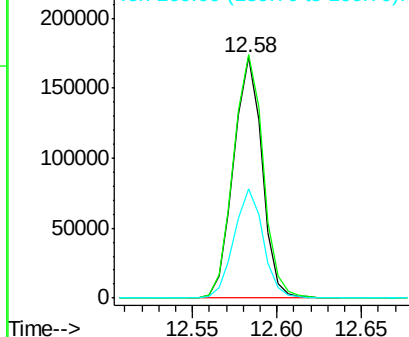
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

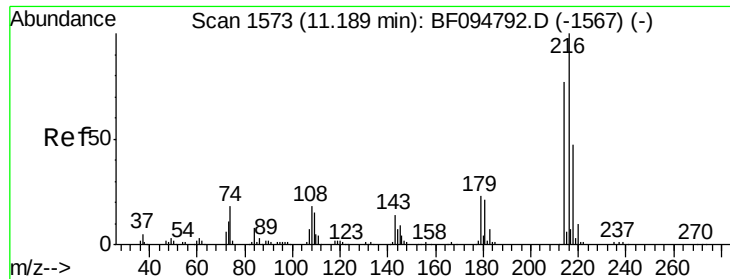


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	45.2	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





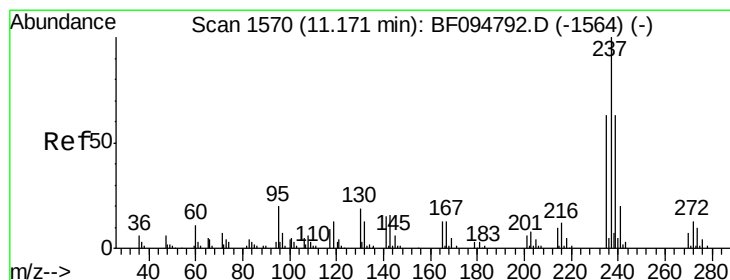
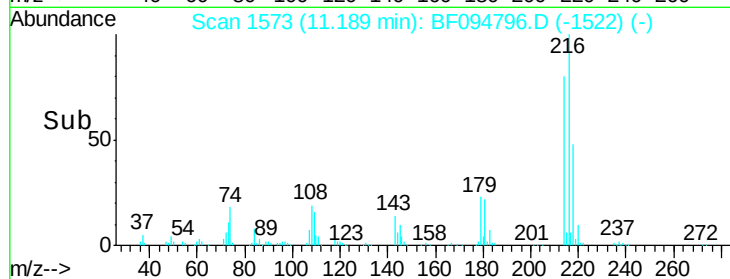
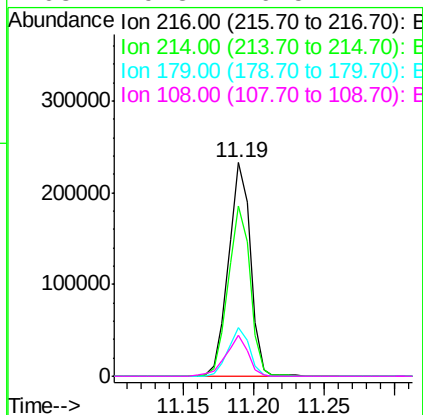
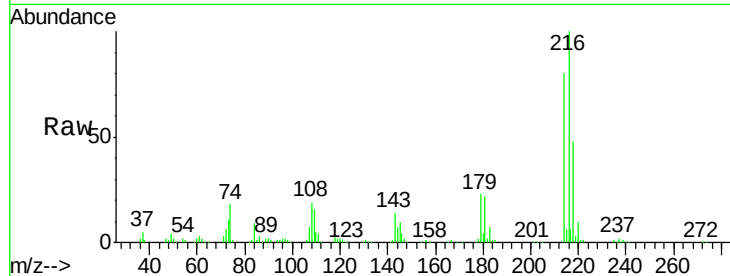
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.536 ng
 RT: 11.19 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	251693		
214	80.0	63.4	95.2	
179	22.0	17.9	26.9	
108	19.3	16.5	24.7	

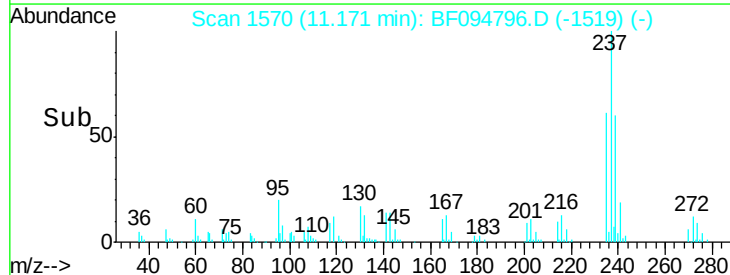
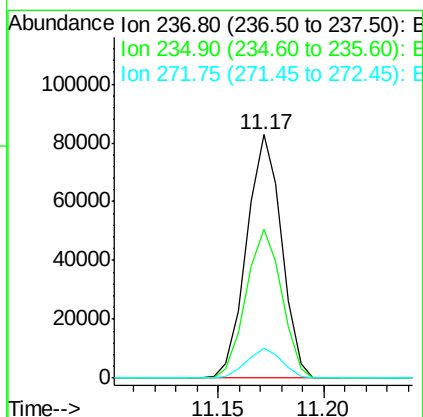
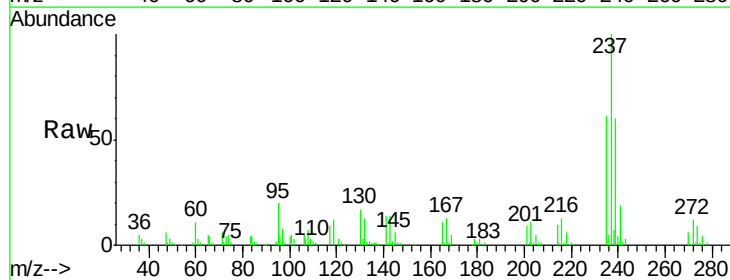
Manual Integrations
 APPROVED

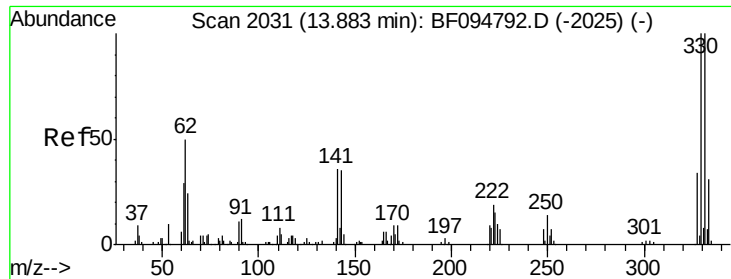
mohammad
 5/4/2017 1:44:01 PM



#40
 Hexachlorocyclopentadiene
 Concen: 39.671 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	94932		
235	61.1	42.6	82.6	
272	12.1	0.0	31.9	





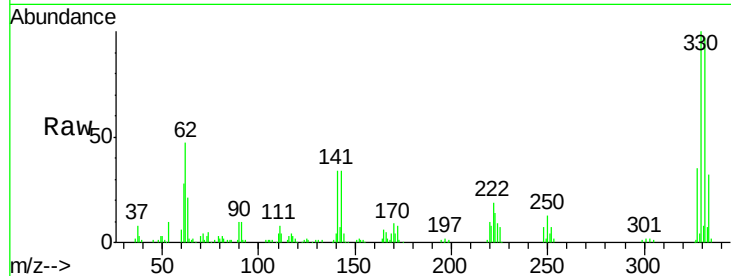
#41
 2,4,6-Tribromophenol
 Concen: 78.450 ng
 RT: 13.88 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampled :
 ICVBF050217

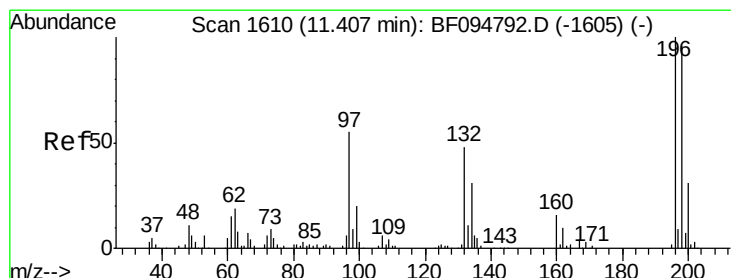
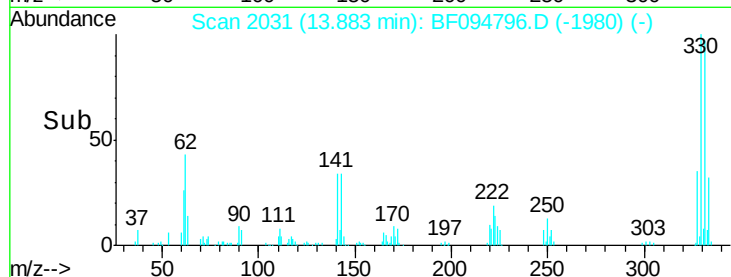
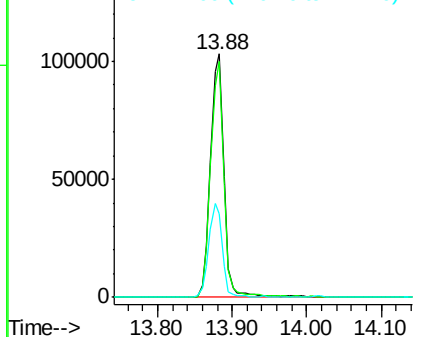
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	129722		
332	94.6	76.6	115.0	
141	38.7	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:01 PM



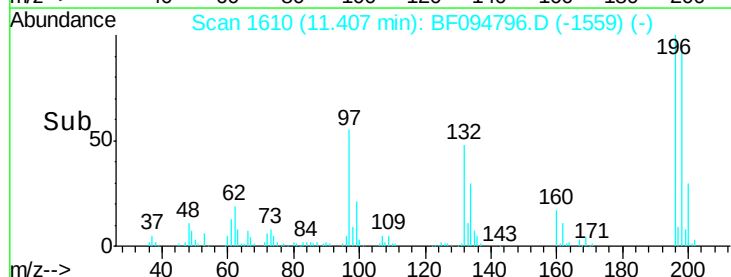
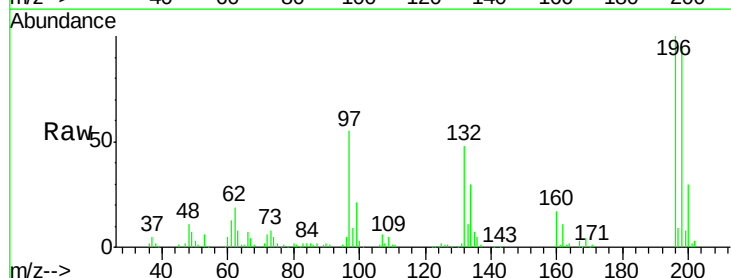
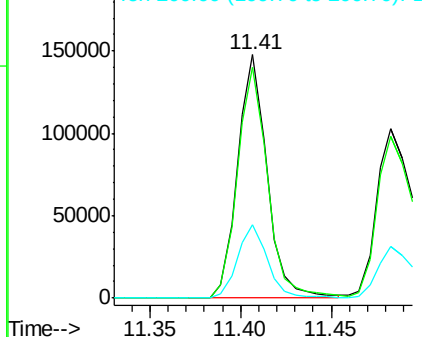
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

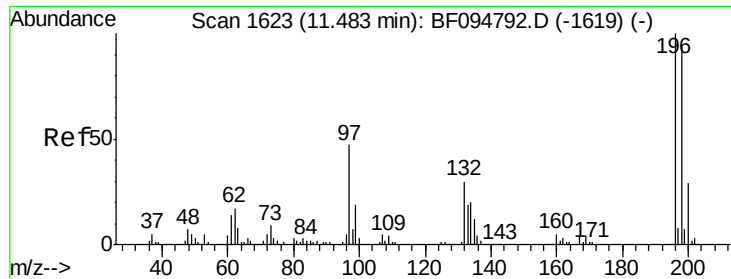


#42
 2,4,6-Trichlorophenol
 Concen: 40.294 ng
 RT: 11.41 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167047		
198	94.6	74.2	111.4	
200	29.9	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





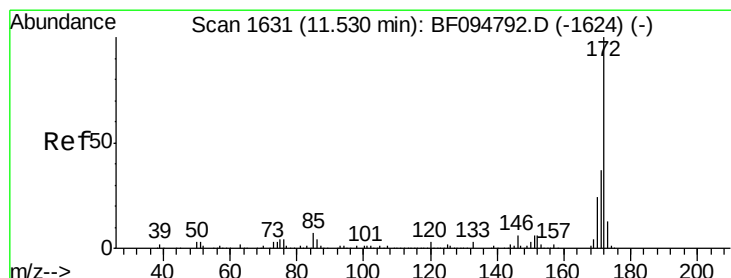
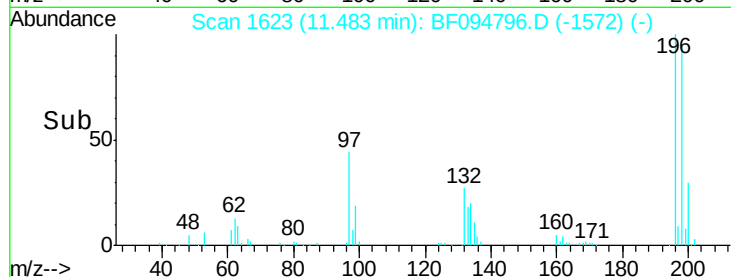
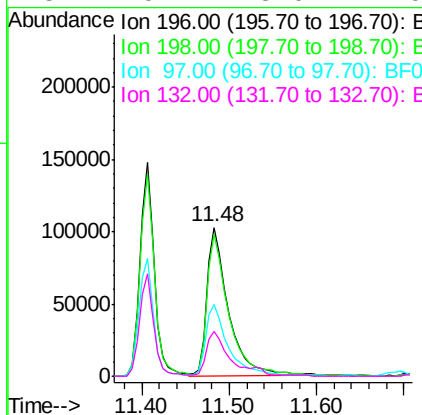
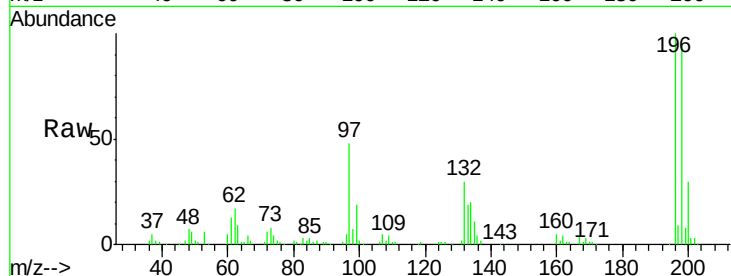
#43
 2,4,5-Trichlorophenol
 Concen: 39.662 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176725		
198	95.1	75.7	113.5	
97	48.3	47.7	71.5	
132	29.7	28.0	42.0	

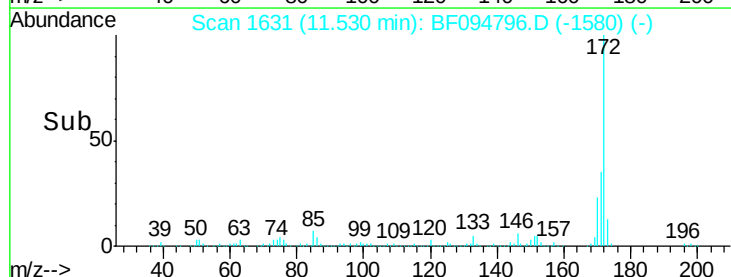
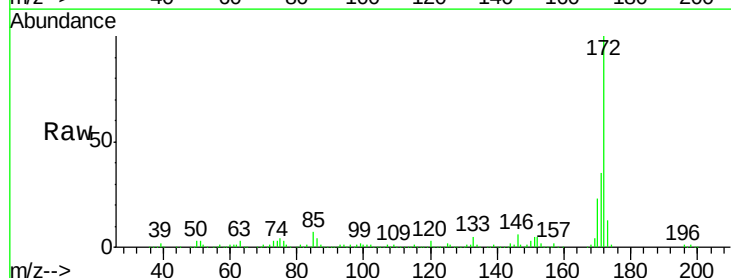
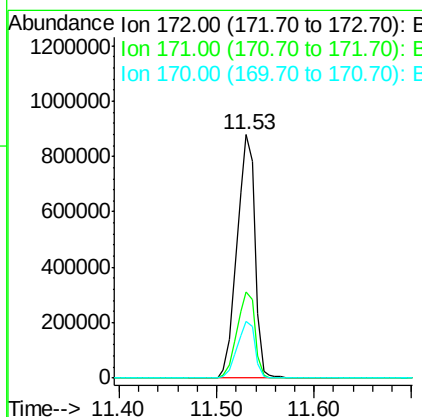
Manual Integrations
 APPROVED

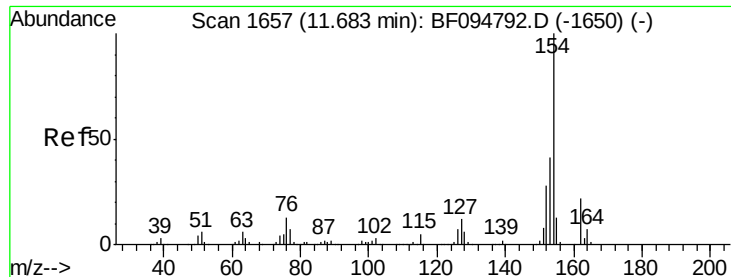
mohammad
 5/4/2017 1:44:01 PM



#44
 2-Fluorobiphenyl
 Concen: 79.760 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1118853		
171	35.5	29.6	44.4	
170	23.1	19.8	29.8	





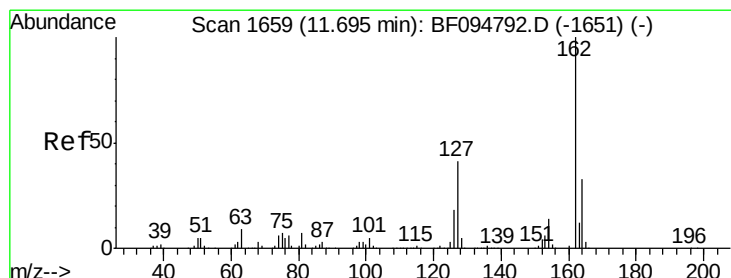
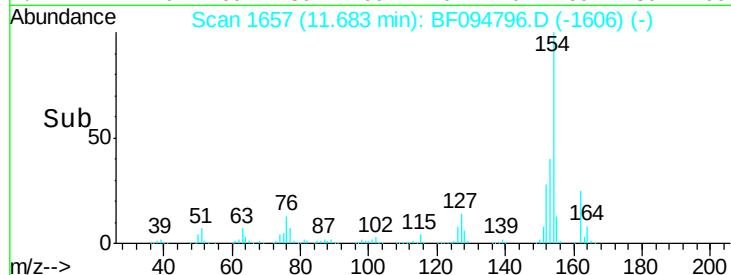
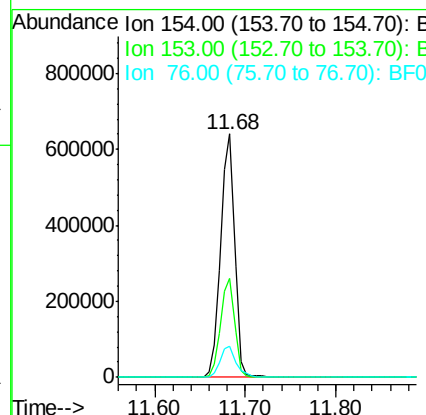
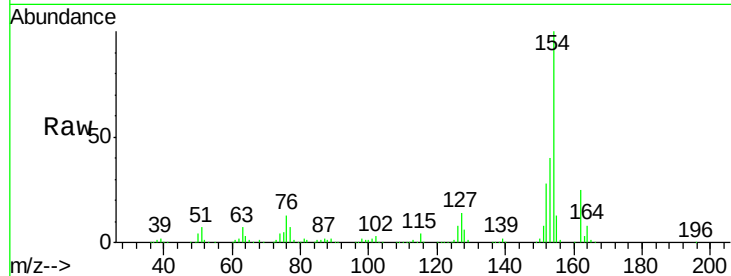
#45
 1,1'-Biphenyl
 Concen: 40.225 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	683805		
153	40.5	21.2	61.2	
76	12.8	0.0	29.9	

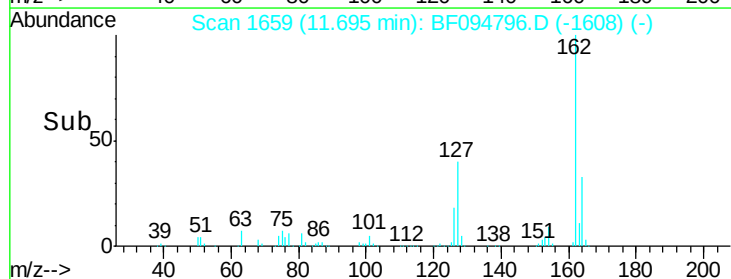
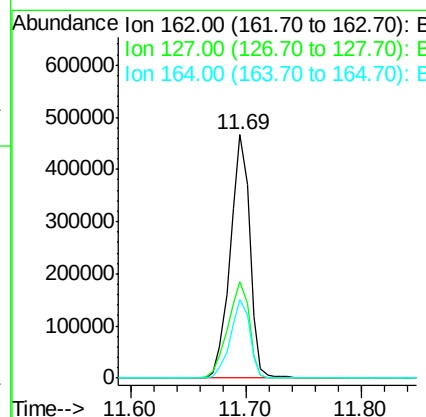
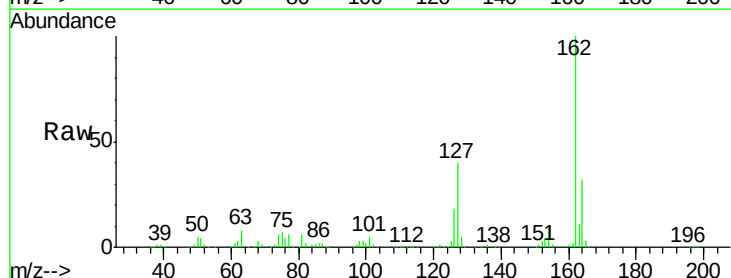
Manual Integrations
 APPROVED

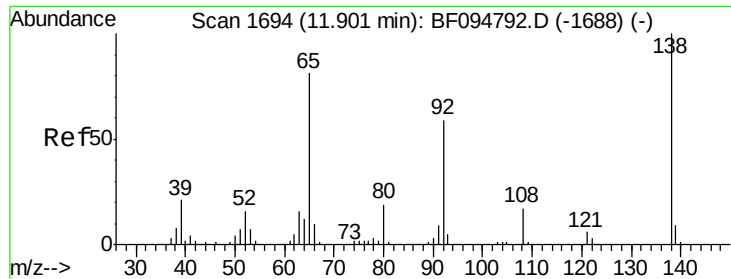
mohammad
 5/4/2017 1:44:01 PM



#46
 2-Chloronaphthalene
 Concen: 39.971 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	548655		
127	39.6	28.3	42.5	
164	32.4	27.0	40.4	





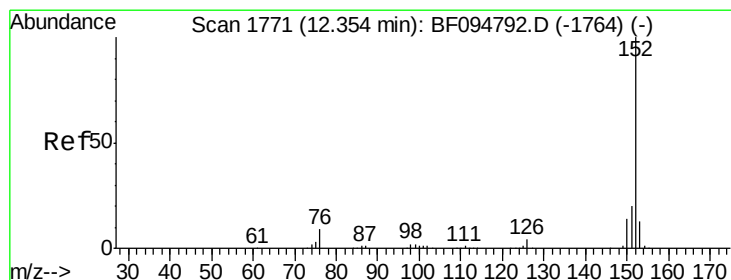
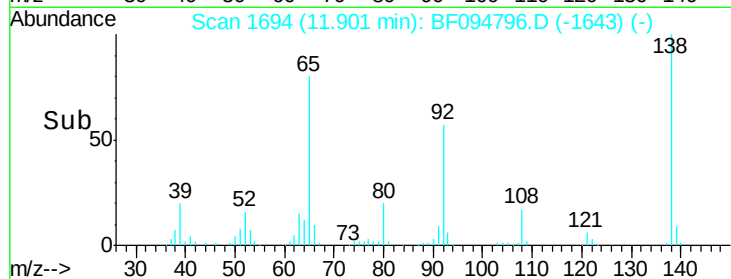
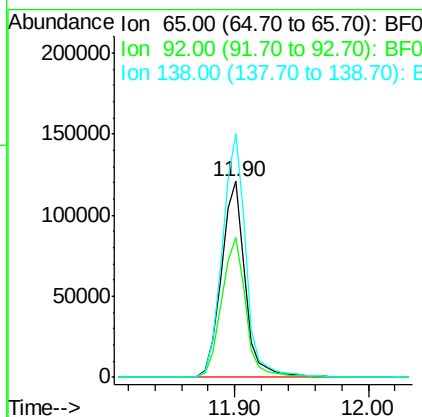
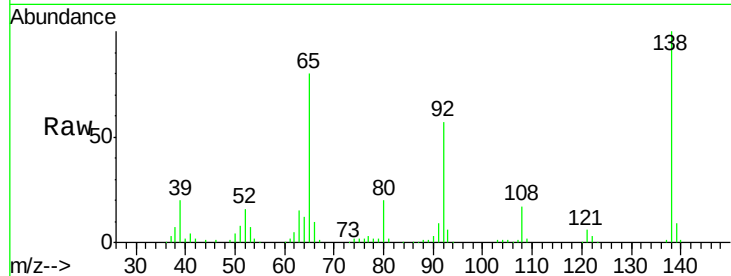
#47
2-Nitroaniline
Concen: 40.397 ng
RT: 11.90 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	53.9	80.9
138	124.3	78.8	118.2

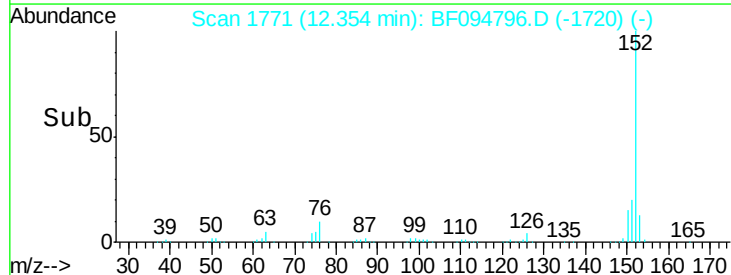
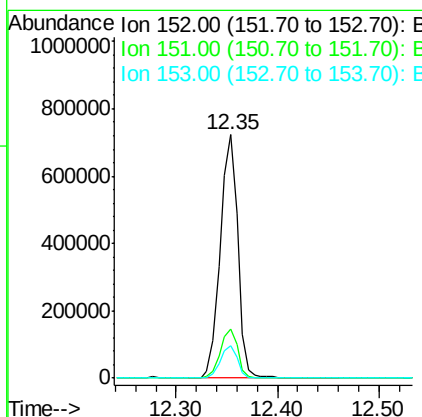
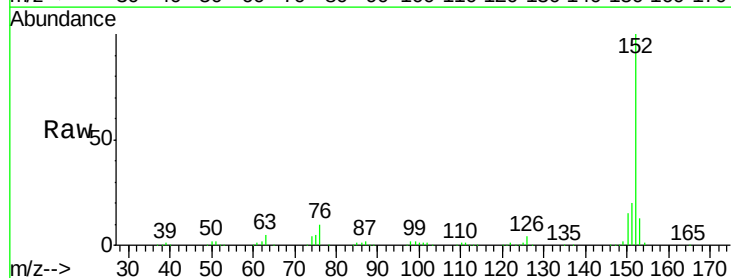
Manual Integrations
APPROVED

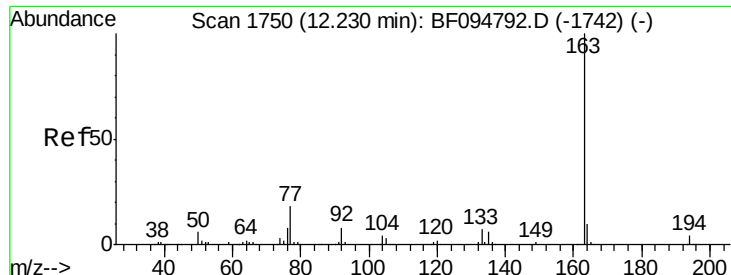
mohammad
5/4/2017 1:44:01 PM



#48
Acenaphthylene
Concen: 40.430 ng
RT: 12.35 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.3	10.8	16.2





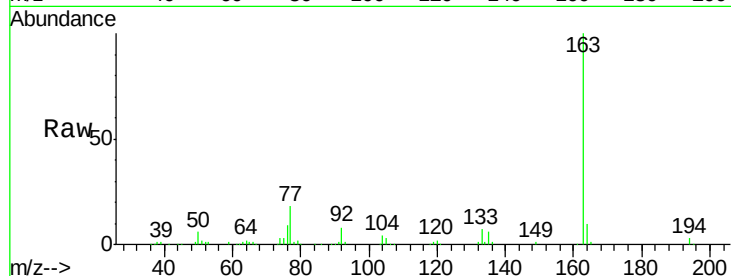
#49
Dimethylphthalate
Concen: 40.472 ng
RT: 12.23 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

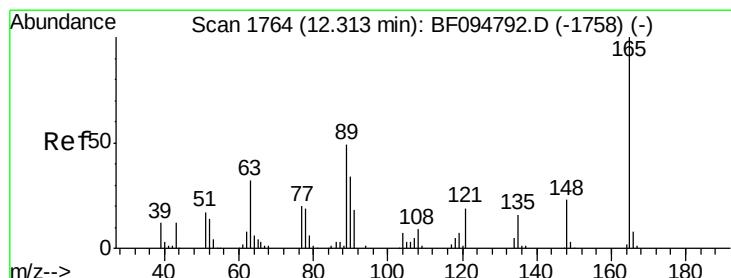
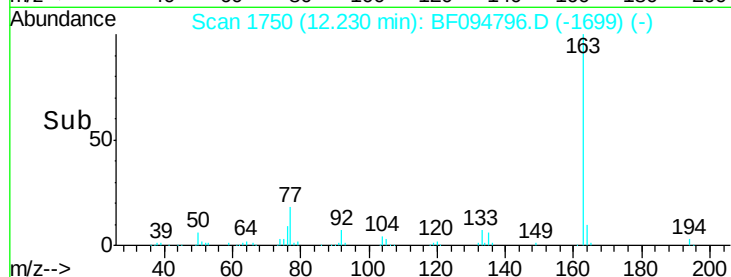
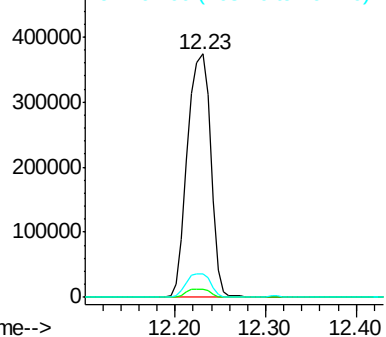
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	670847		
194	3.5	2.6	4.0	
164	9.9	8.4	12.6	

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM

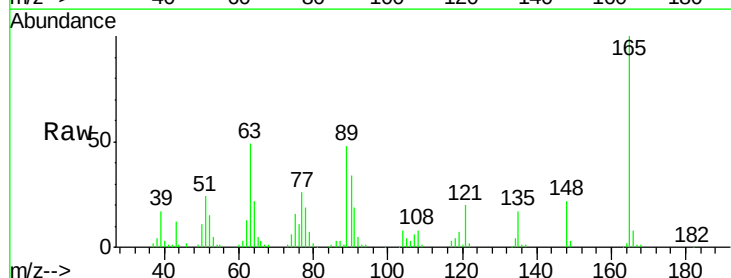


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

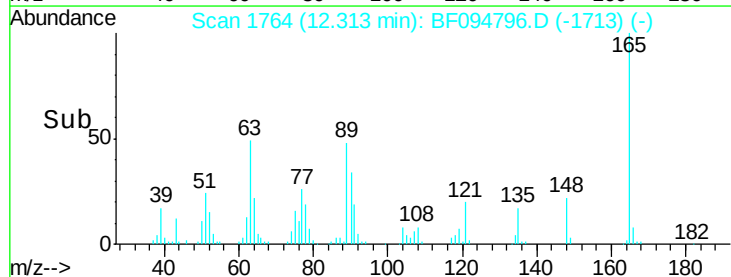
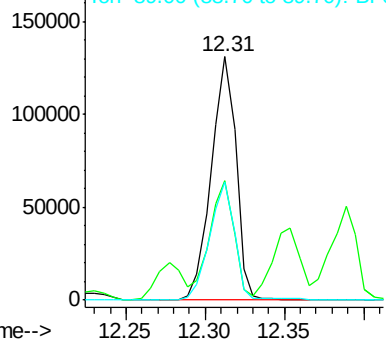


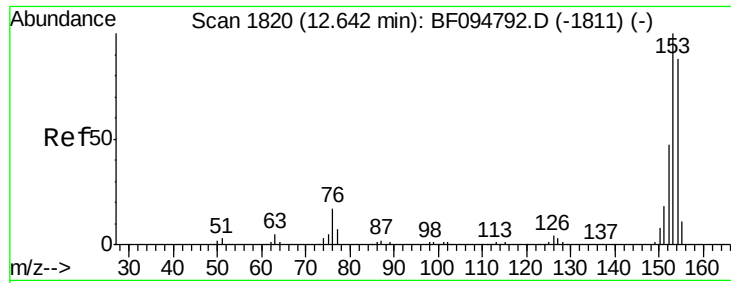
#50
2,6-Dinitrotoluene
Concen: 42.031 ng
RT: 12.31 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142130		
63	48.9	34.3	51.5	
89	48.3	37.1	55.7	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





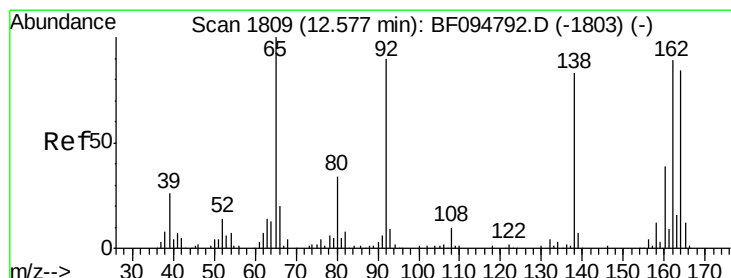
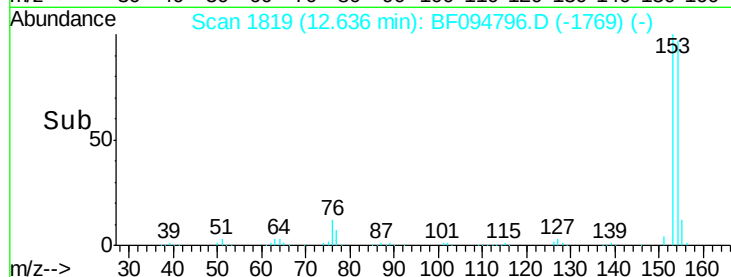
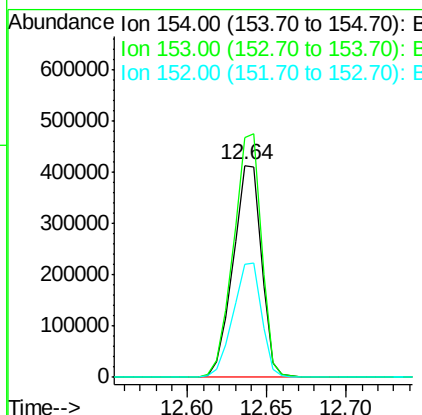
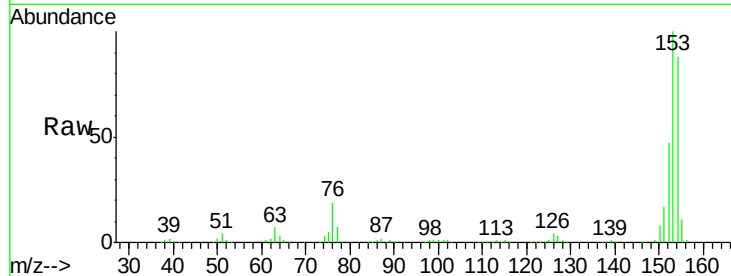
#51
Acenaphthene
Concen: 40.059 ng
RT: 12.64 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	514422		
153	113.2	90.5	135.7	
152	53.6	43.6	65.4	

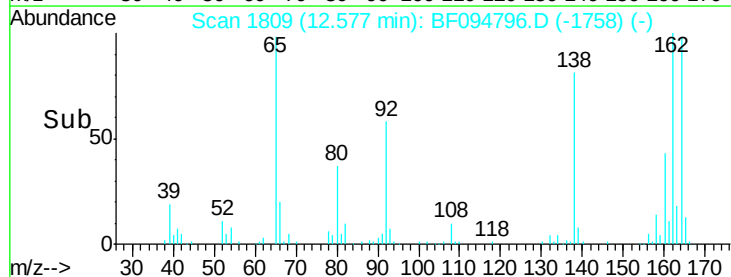
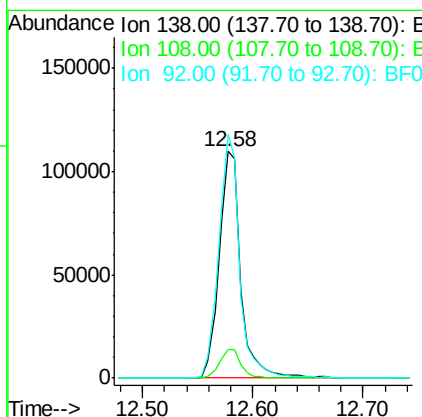
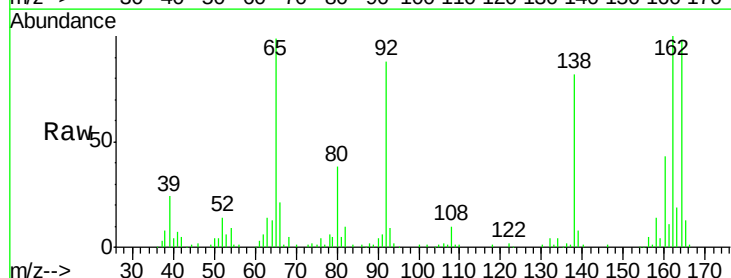
Manual Integrations
APPROVED

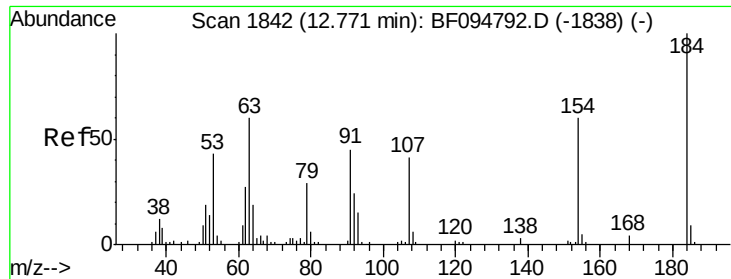
mohammad
5/4/2017 1:44:01 PM



#52
3-Nitroaniline
Concen: 41.111 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	149211		
108	12.4	9.1	13.7	
92	107.5	93.8	140.6	





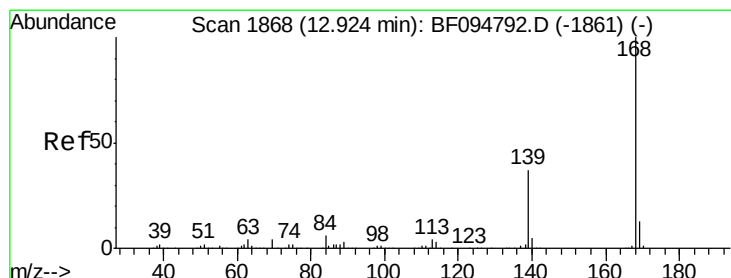
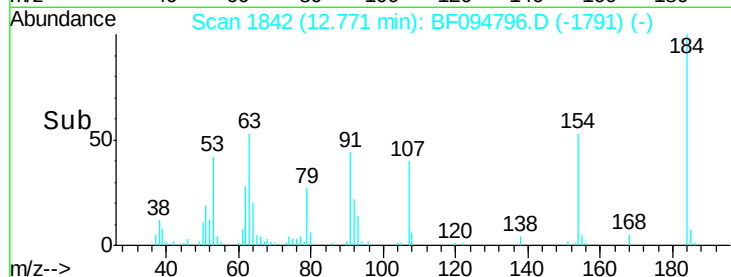
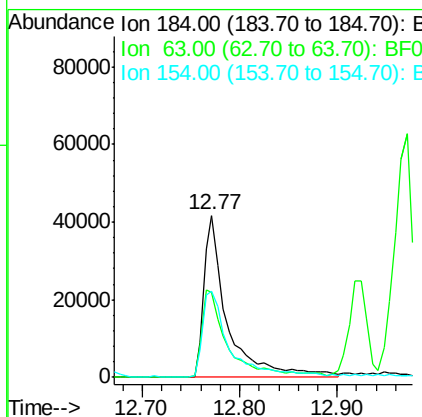
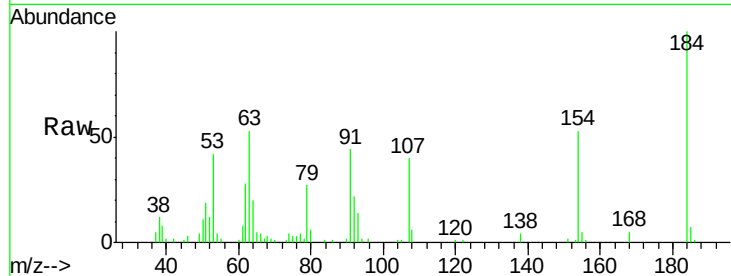
#53
 2,4-Dinitrophenol
 Concen: 40.814 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.7	62.7	94.1#
154	53.1	81.1	121.7#

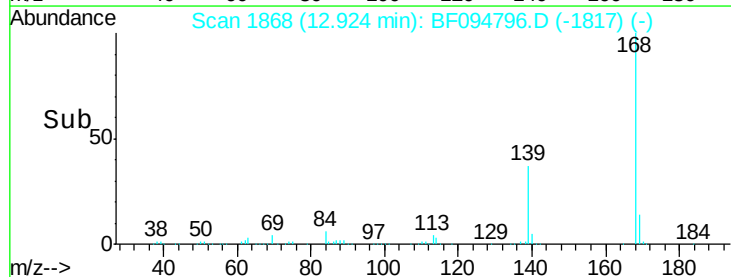
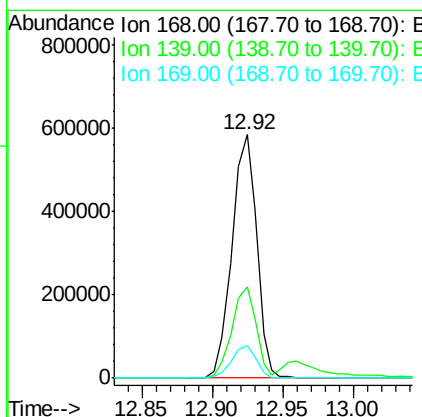
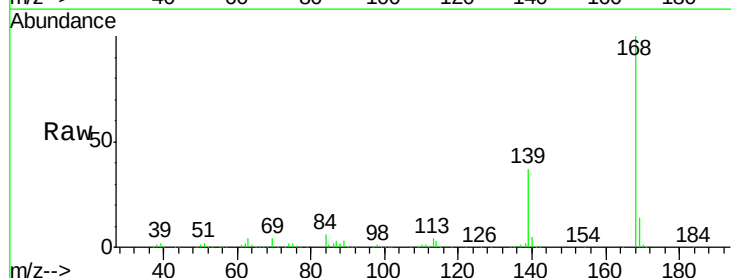
Manual Integrations
 APPROVED

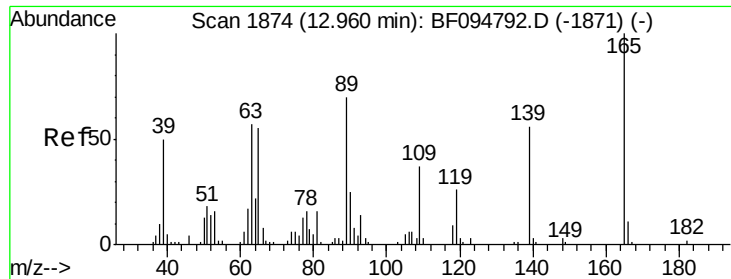
mohammad
 5/4/2017 1:44:01 PM



#54
 Dibenzofuran
 Concen: 40.250 ng
 RT: 12.92 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.6	45.8
169	13.5	10.8	16.2





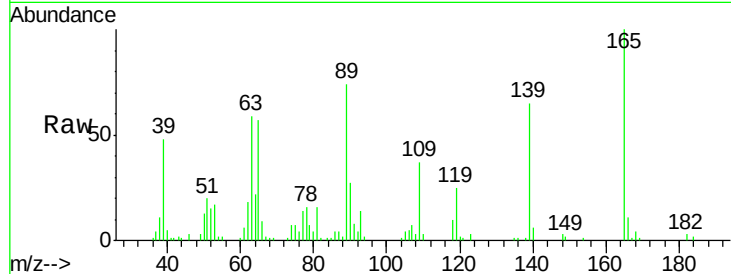
#55
4-Nitrophenol
Concen: 43.397 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	94602		
109	56.6	34.1	74.1	
65	86.3	31.4	71.4	

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM

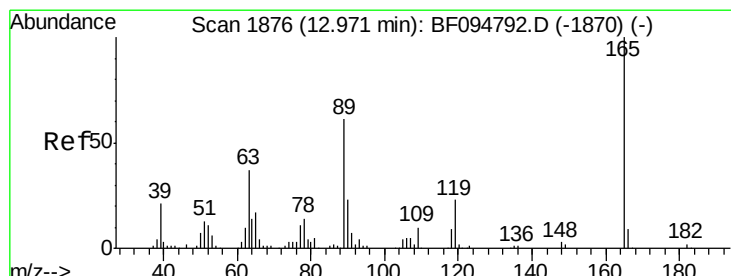
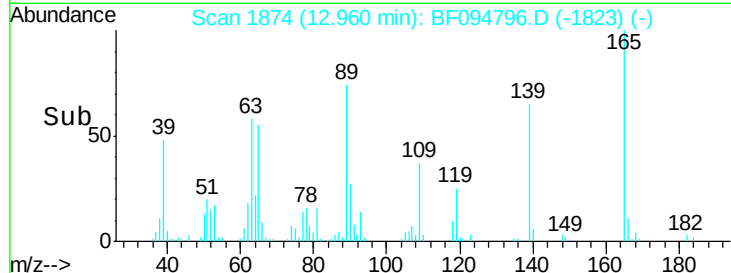
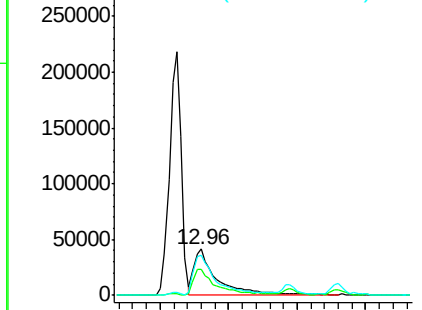


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56
2,4-Dinitrotoluene
Concen: 41.401 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179896		
63	41.3	25.4	38.0	
89	65.9	46.4	69.6	
182	2.4	1.8	2.6	

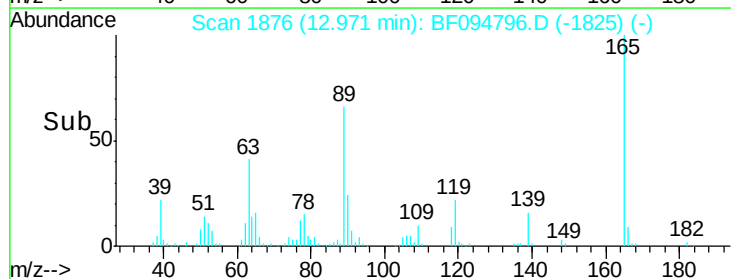
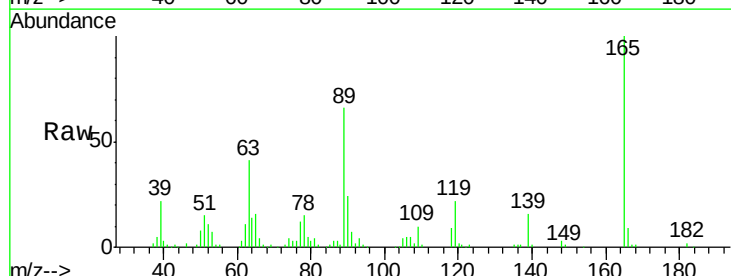
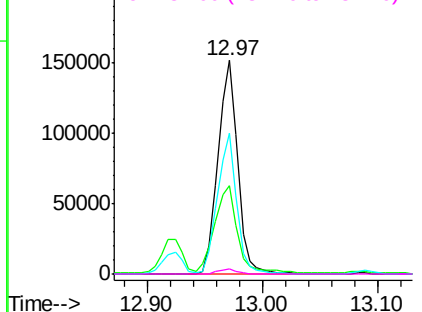
Abundance

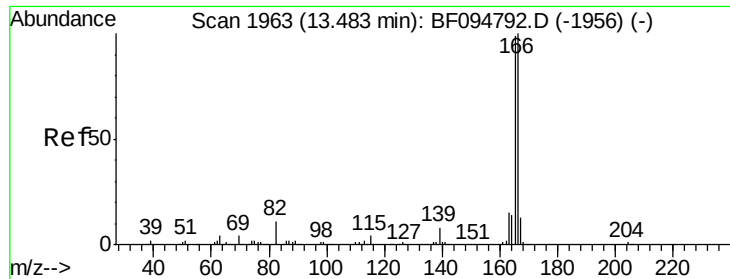
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





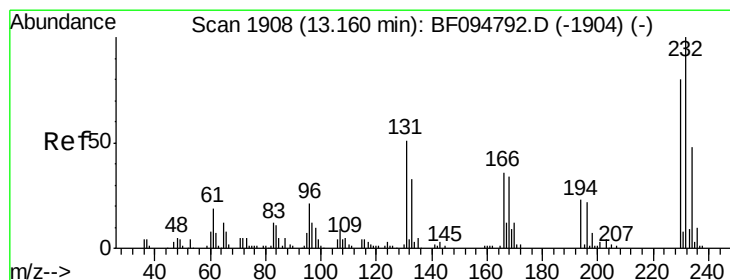
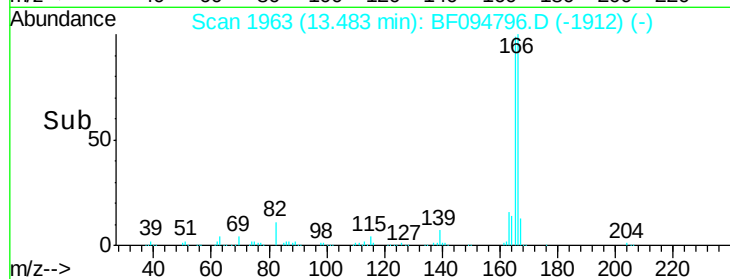
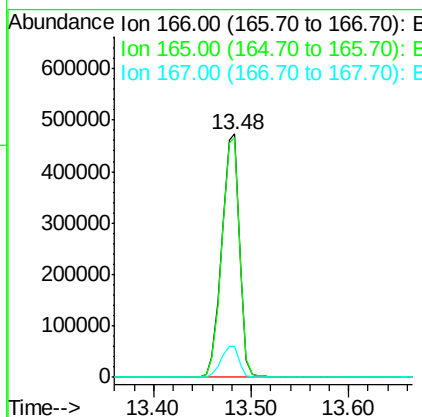
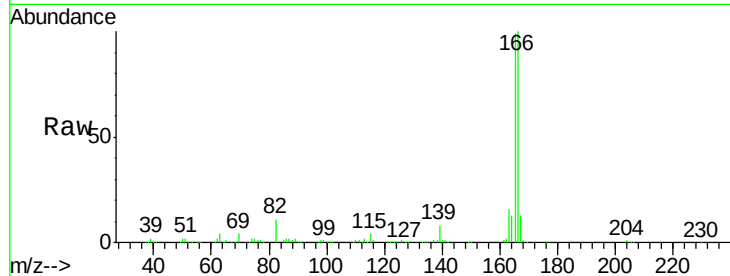
#57
Fluorene
 Concen: 38.356 ng
 RT: 13.48 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	592667		
165	98.7		78.8	118.2
167	13.0		10.6	16.0

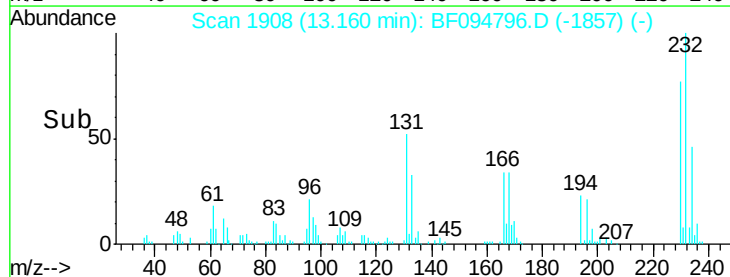
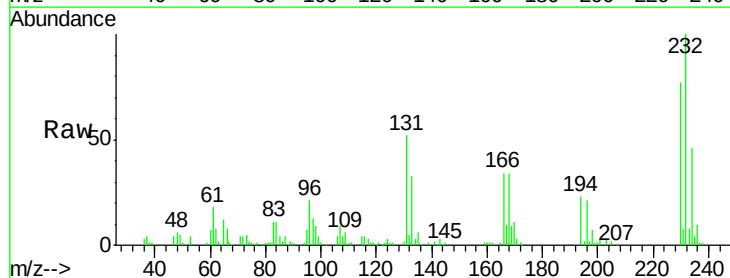
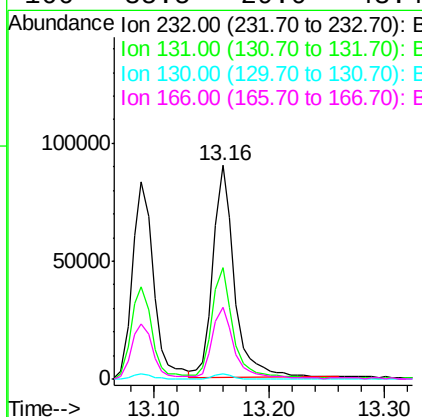
Manual Integrations
 APPROVED

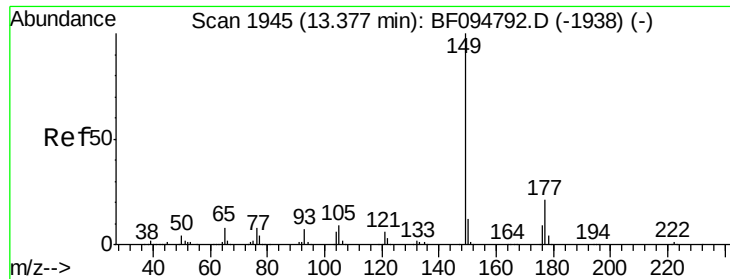
mohammad
 5/4/2017 1:44:01 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.969 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	117691		
131	52.4		44.8	67.2
130	2.1		2.3	3.5#
166	35.5		29.0	43.4





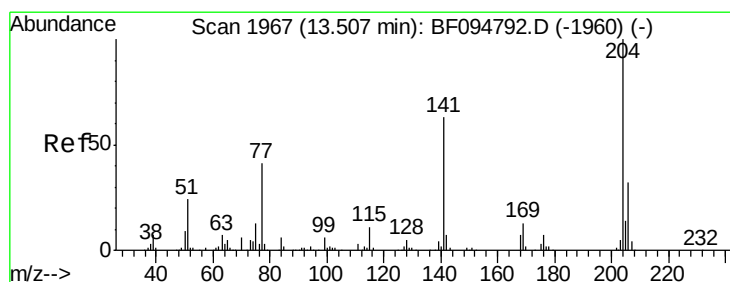
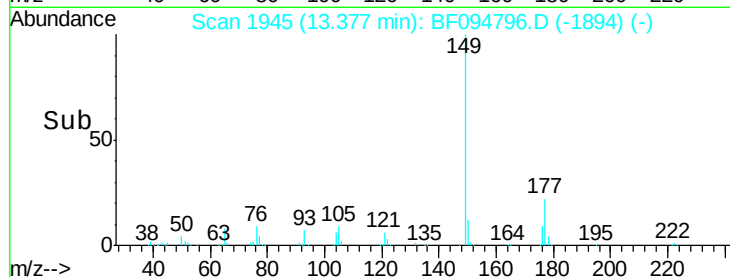
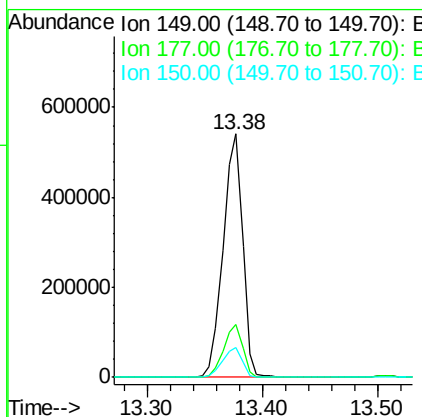
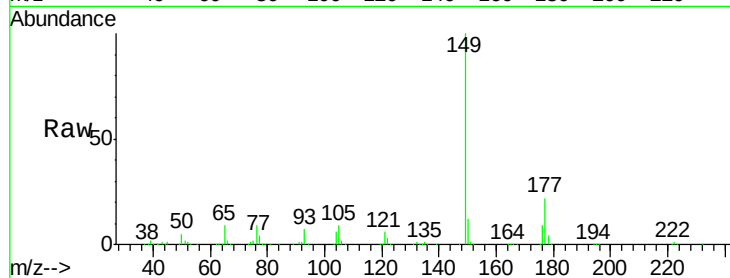
#59
Diethylphthalate
Concen: 39.980 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.1	10.2	15.2

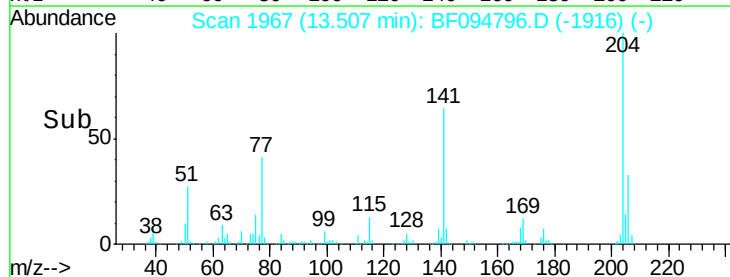
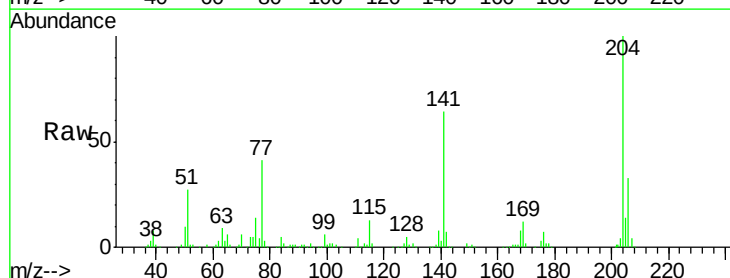
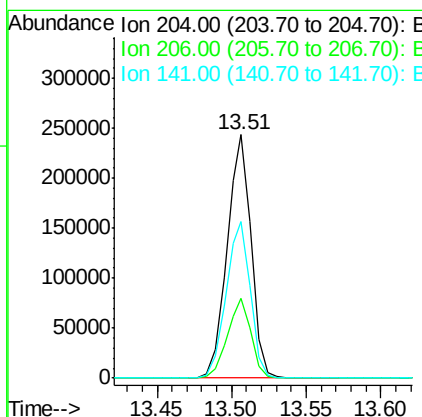
Manual Integrations
APPROVED

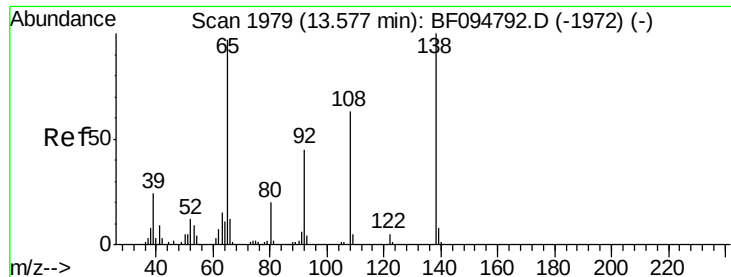
mohammad
5/4/2017 1:44:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.500 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	64.3	60.8	91.2





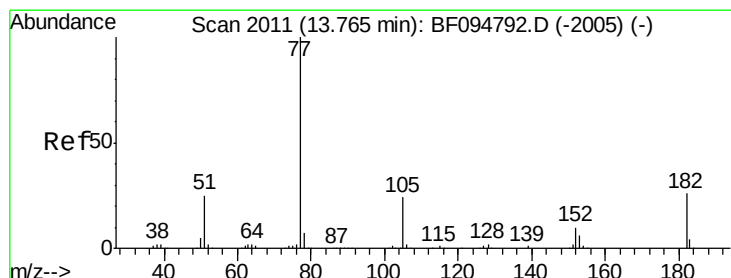
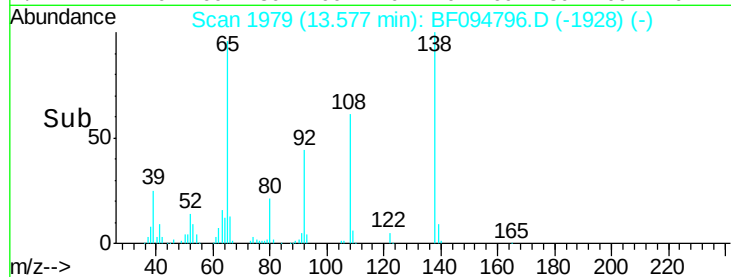
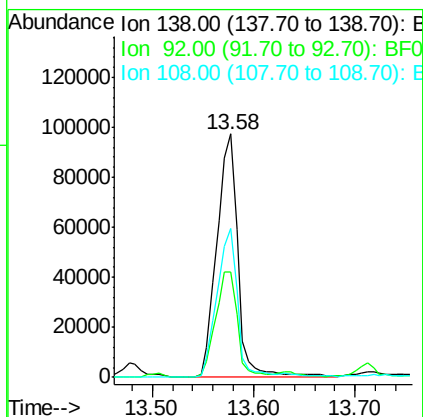
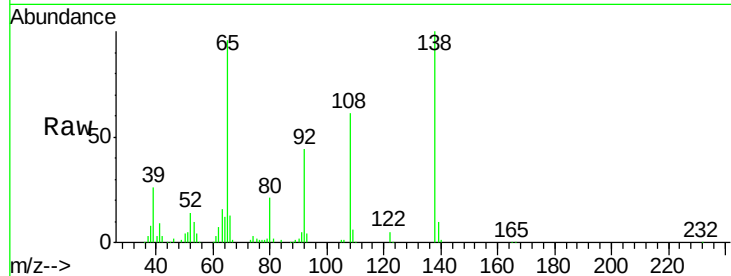
#61
4-Nitroaniline
Concen: 42.632 ng
RT: 13.58 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.5	21.8	61.8
108	61.1	42.3	82.3

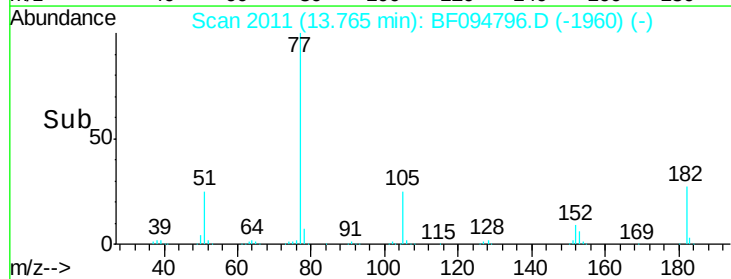
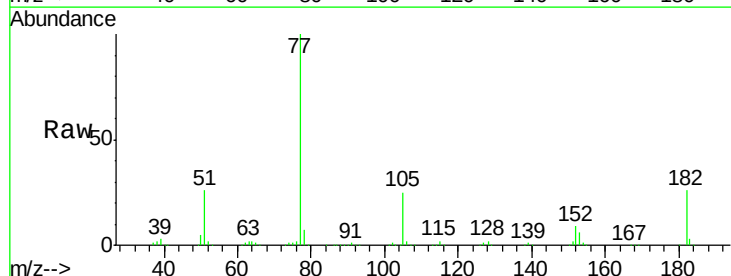
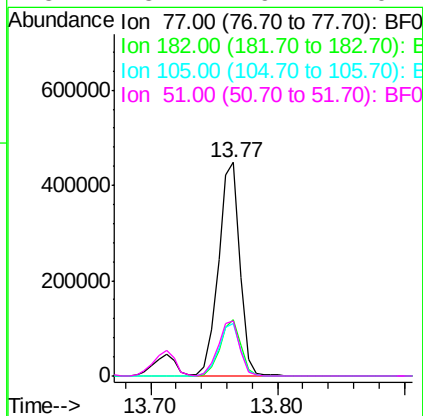
Manual Integrations
APPROVED

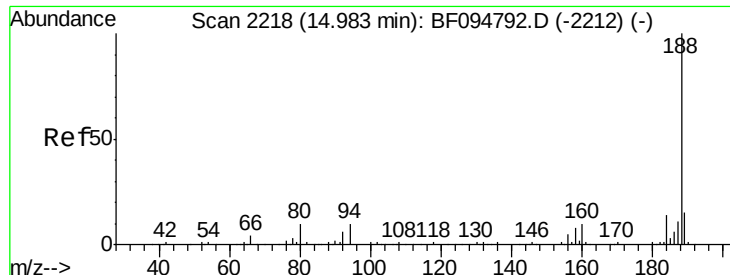
mohammad
5/4/2017 1:44:01 PM



#62
Azobenzene
Concen: 41.142 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	0.1	40.1
105	24.6	3.6	43.6
51	25.7	9.4	49.4





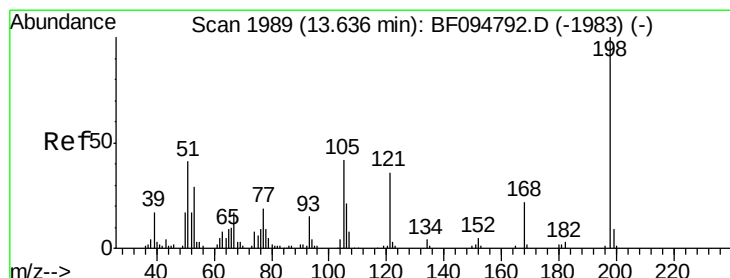
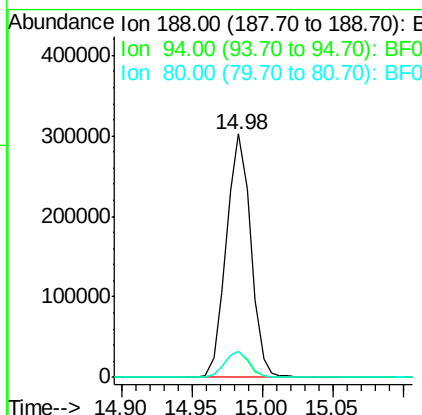
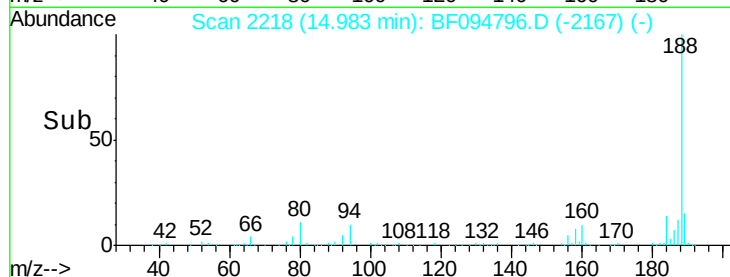
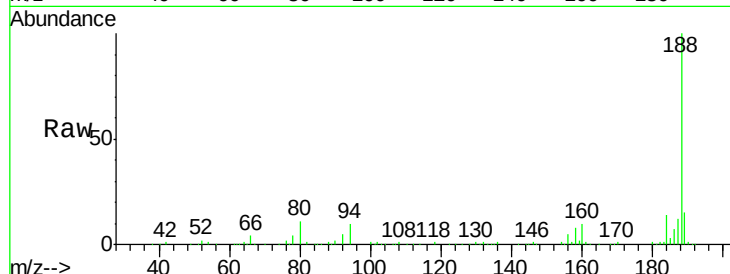
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	364795		
94	10.4		9.4	14.2
80	10.8		10.2	15.2

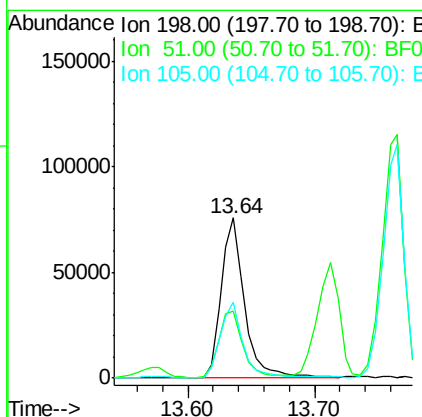
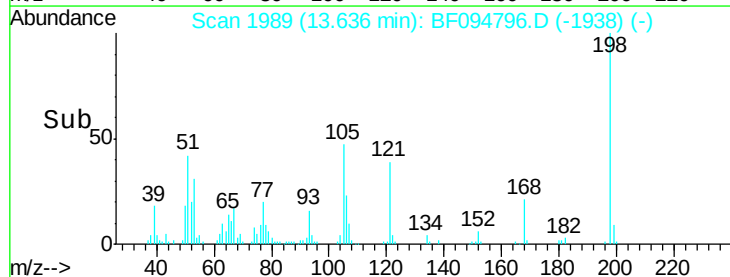
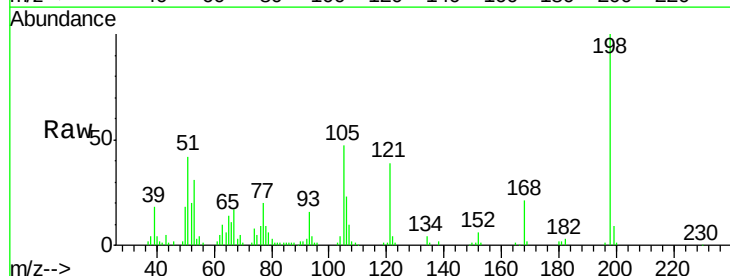
Manual Integrations
 APPROVED

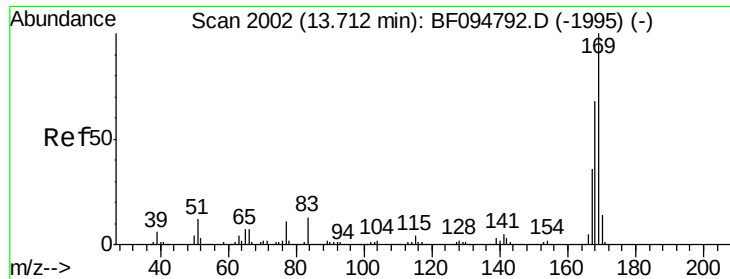
mohammad
 5/4/2017 1:44:01 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.996 ng
 RT: 13.64 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	97808		
51	41.6		53.2	93.2#
105	47.3		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 39.825 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

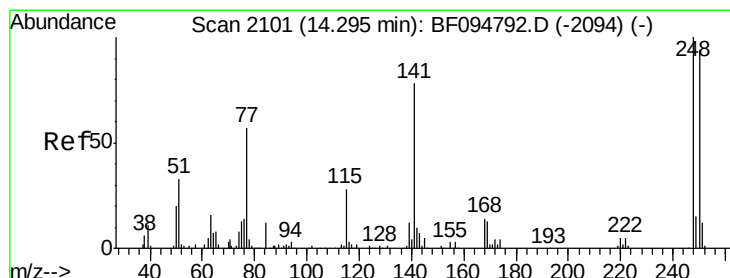
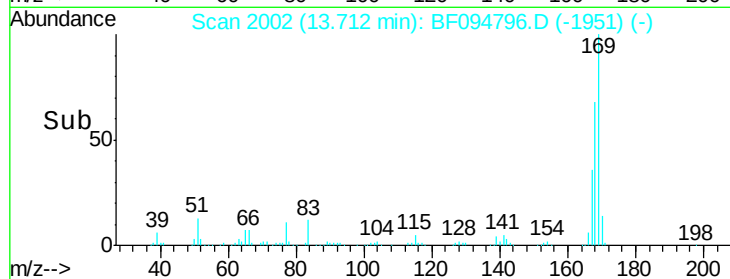
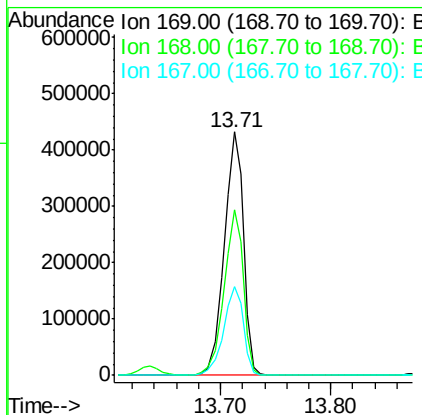
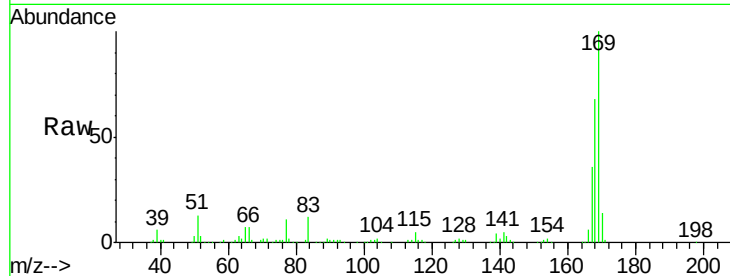
ClientSampleId :

ICVBF050217

Tgt Ion:	169	Resp:	527277
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.2	79.8
167	36.4	29.5	44.3

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



#66

4-Bromophenyl-phenylether

Concen: 39.615 ng

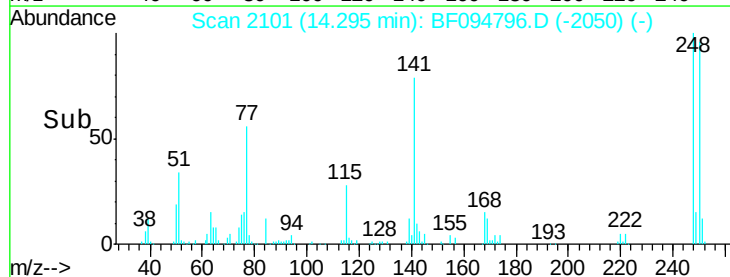
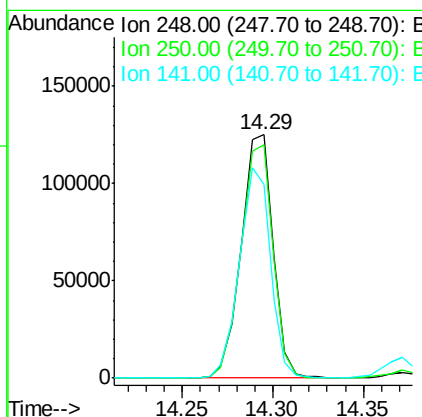
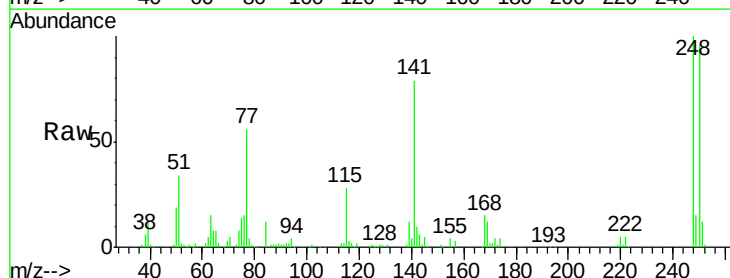
RT: 14.29 min Scan# 2101

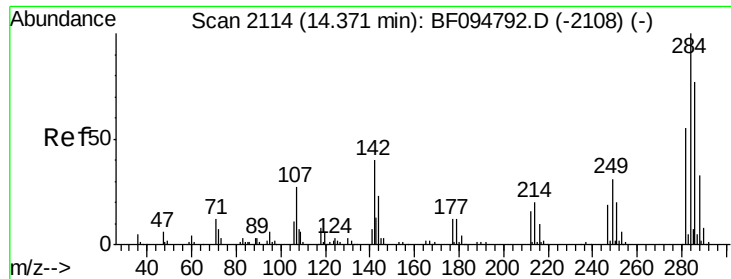
Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	248	Resp:	152678
Ion Ratio	Lower	Upper	
248	100		
250	95.6	76.8	115.2
141	79.4	68.6	103.0





#67

Hexachlorobenzene

Concen: 39.352 ng

RT: 14.37 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

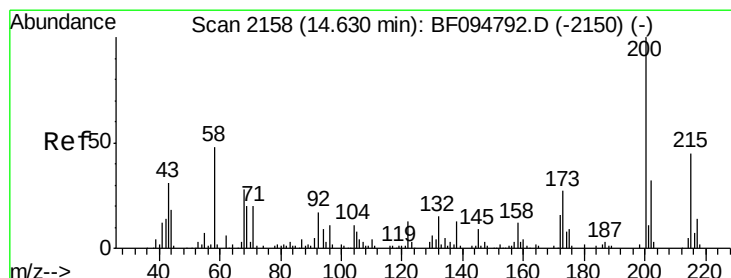
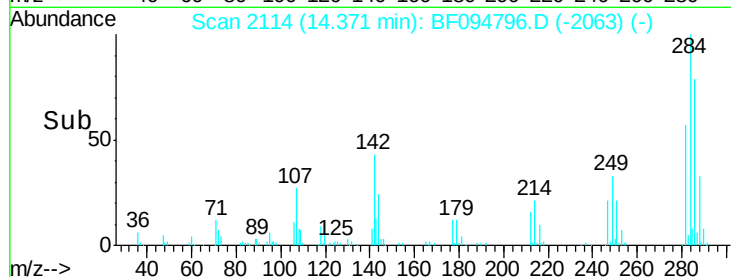
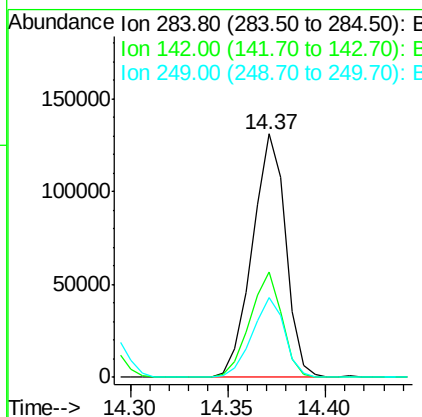
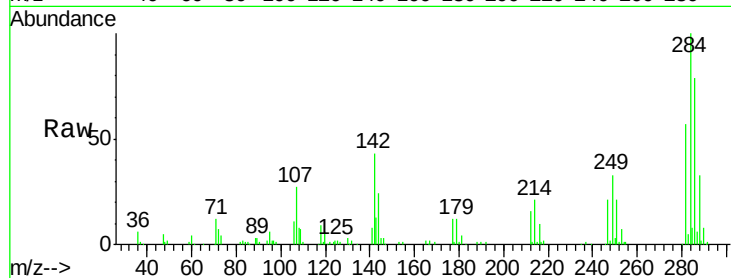
ClientSampleId :

ICVBF050217

Tgt Ion:	284	Resp:	155430
Ion Ratio	Lower	Upper	
284	100		
142	43.2	22.8	34.2#
249	32.9	24.0	36.0

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



#68

Atrazine

Concen: 38.185 ng

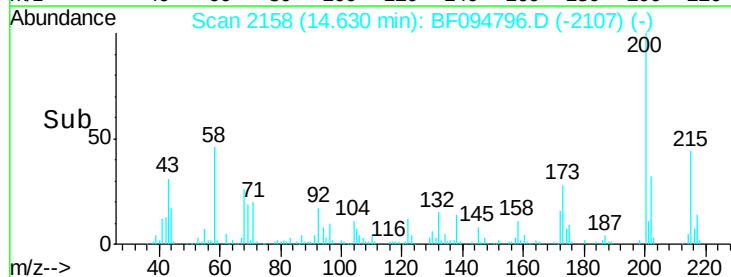
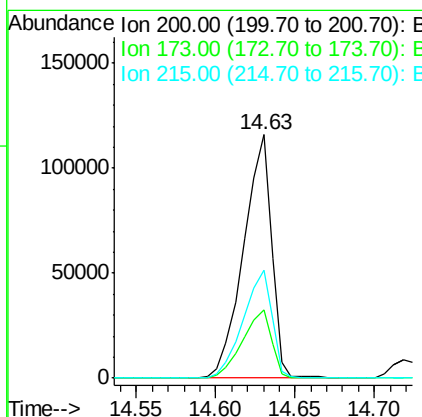
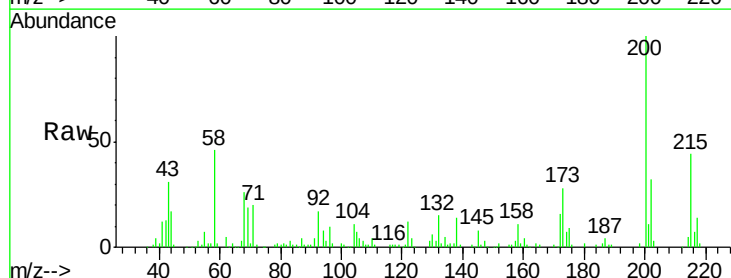
RT: 14.63 min Scan# 2158

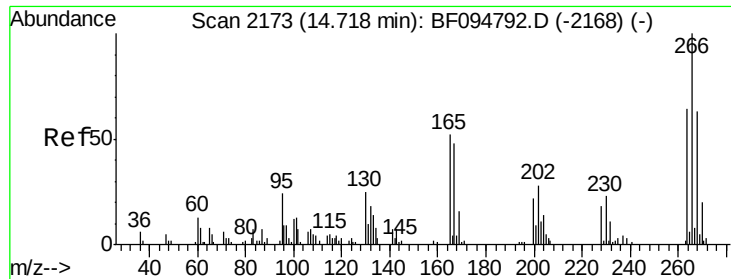
Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	200	Resp:	142743
Ion Ratio	Lower	Upper	
200	100		
173	28.0	6.3	46.3
215	44.1	27.2	67.2





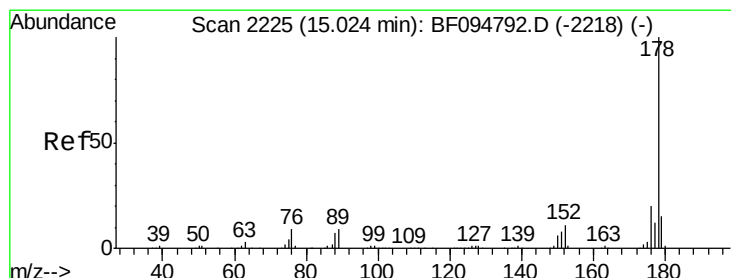
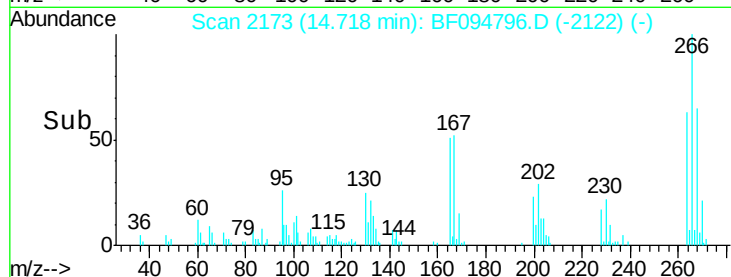
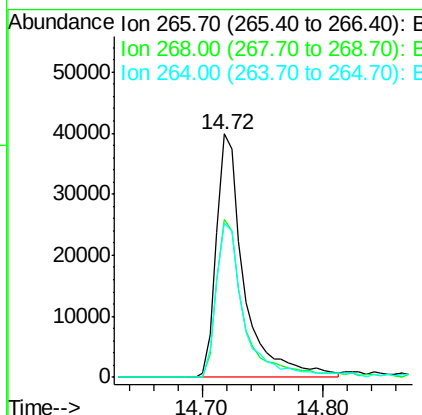
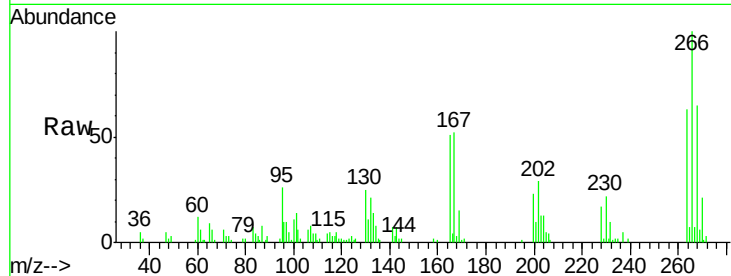
#69
 Pentachlorophenol
 Concen: 38.523 ng
 RT: 14.72 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	63.4	51.7	77.5

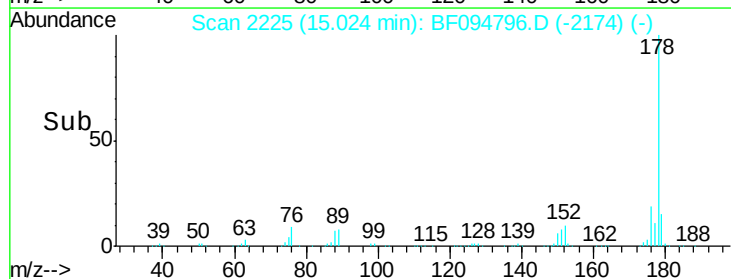
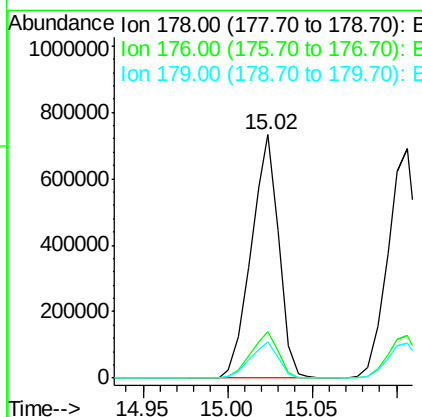
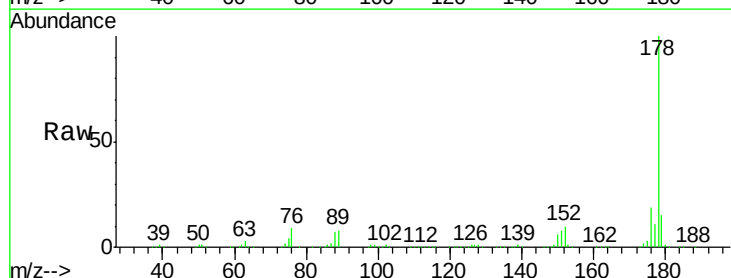
Manual Integrations
 APPROVED

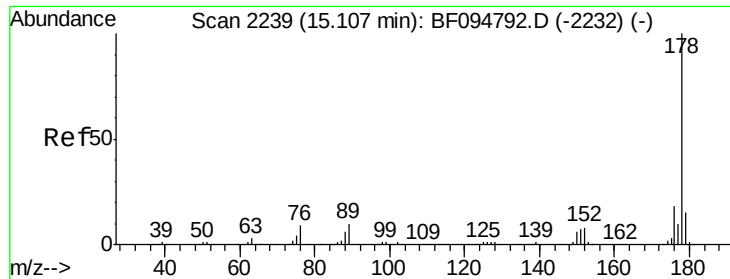
mohammad
 5/4/2017 1:44:01 PM



#70
 Phenanthrene
 Concen: 39.787 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	14.8	12.6	19.0





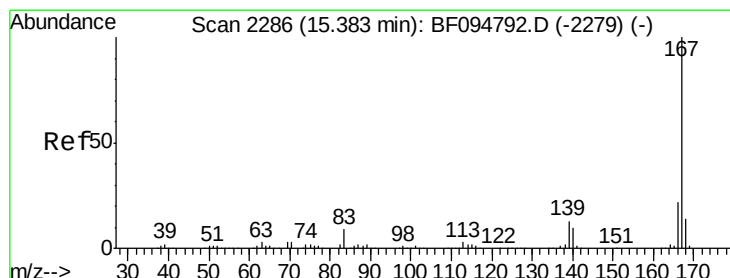
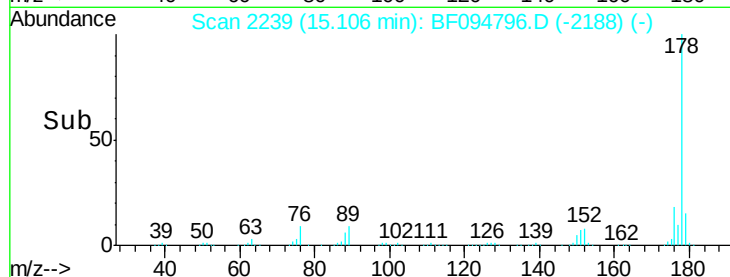
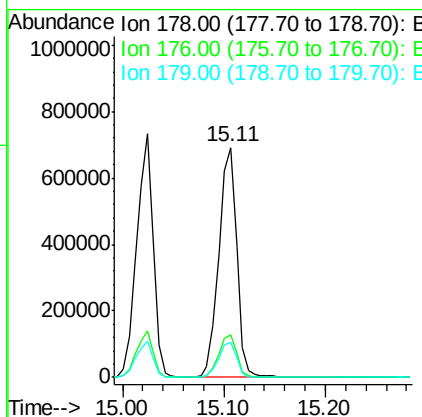
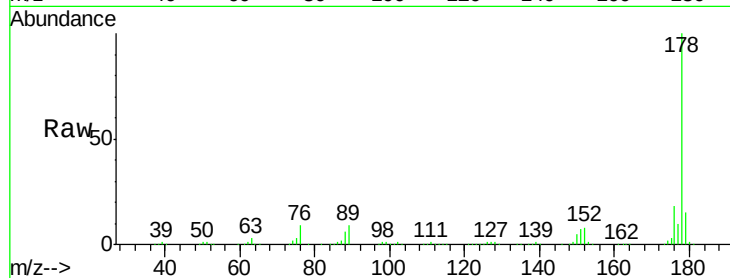
#71
 Anthracene
 Concen: 39.672 ng
 RT: 15.11 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.3	12.7	19.1

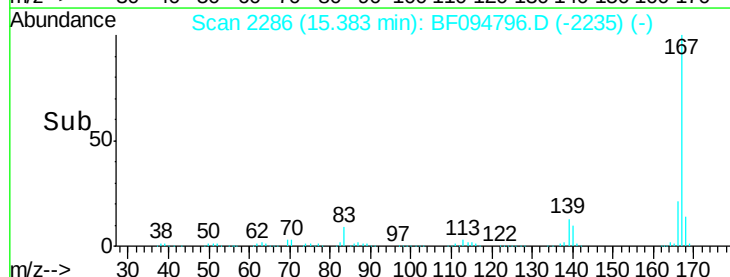
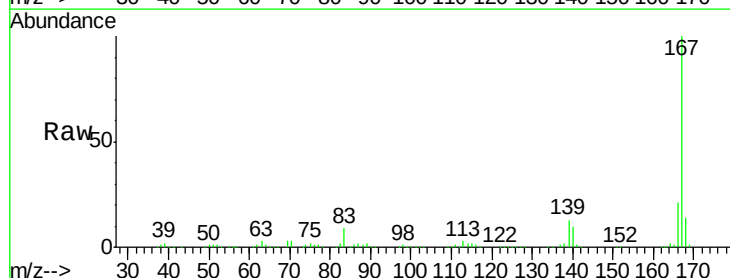
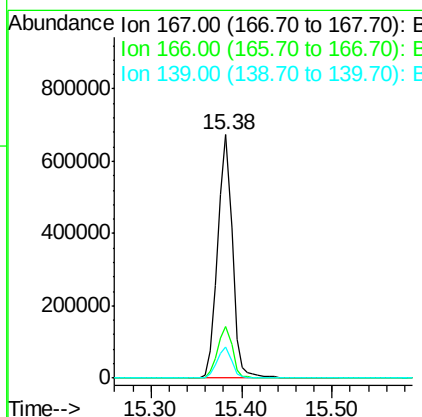
Manual Integrations
 APPROVED

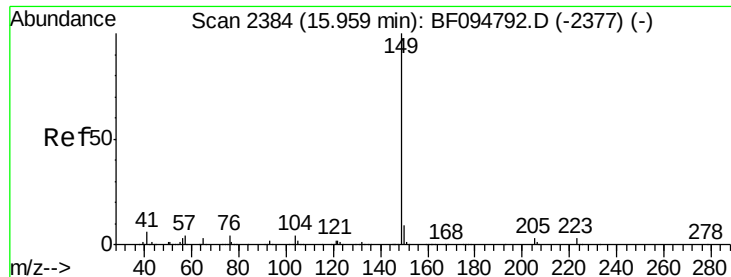
mohammad
 5/4/2017 1:44:01 PM



#72
 Carbazole
 Concen: 38.742 ng
 RT: 15.38 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.245 ng

RT: 15.95 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

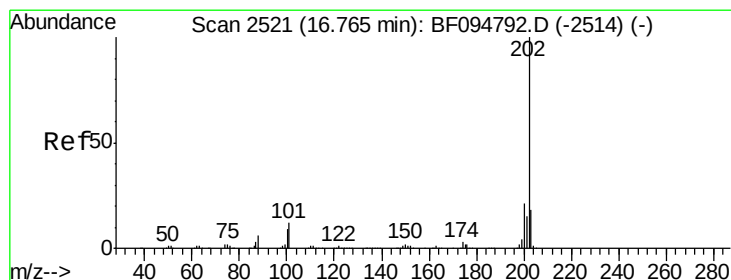
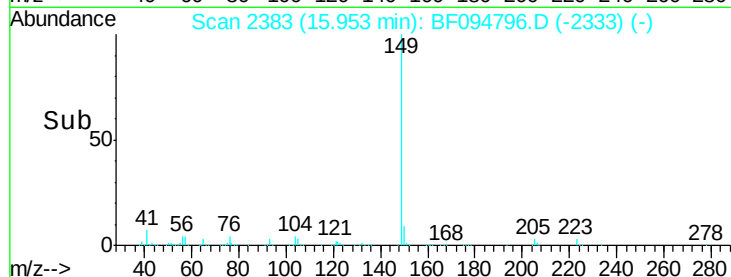
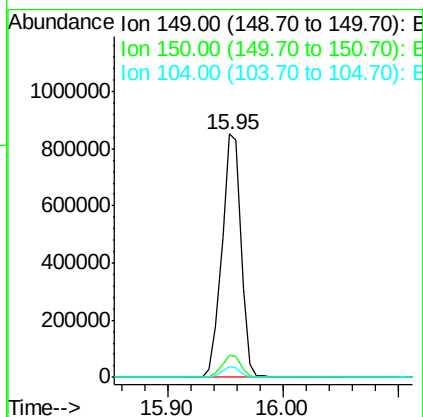
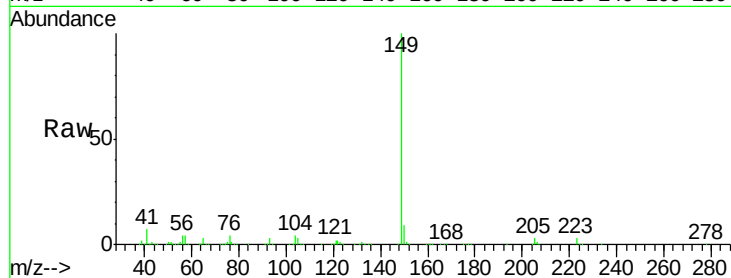
ClientSampleId :

ICVBF050217

Tgt Ion:	149	Resp:	977687
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



#74

Fluoranthene

Concen: 38.952 ng

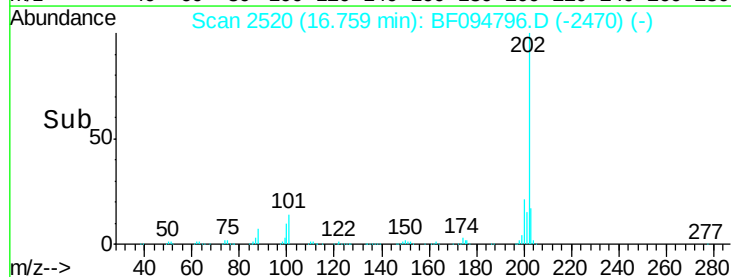
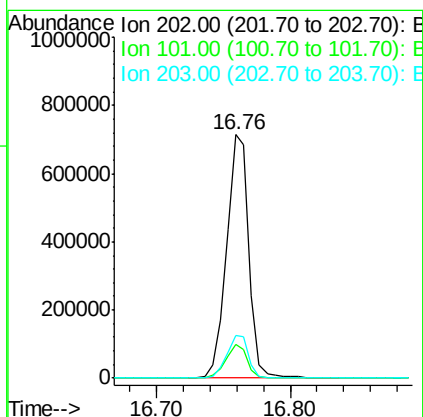
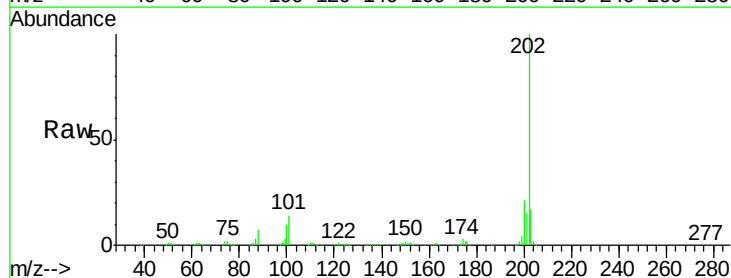
RT: 16.76 min Scan# 2520

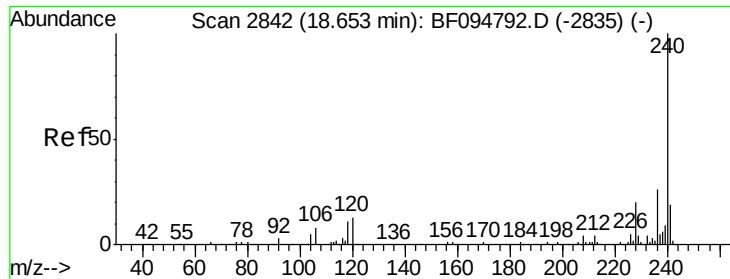
Delta R.T. -0.01 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	202	Resp:	837498
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	33.2
203	17.3	0.0	38.1





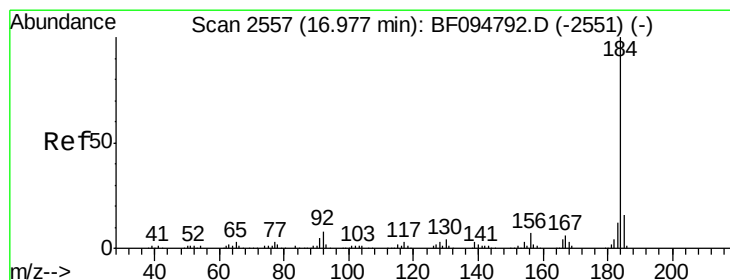
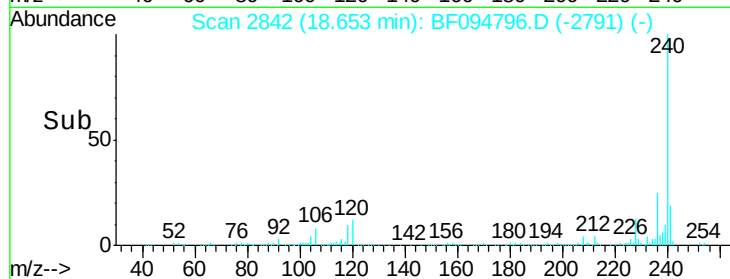
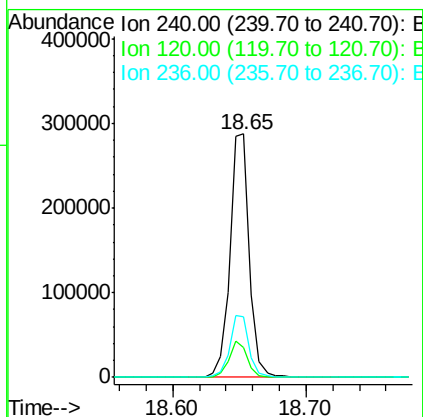
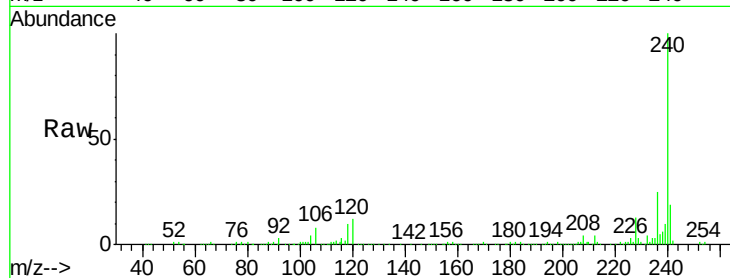
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	292887		
120	12.3	5.8	8.8#	
236	24.7	20.5	30.7	

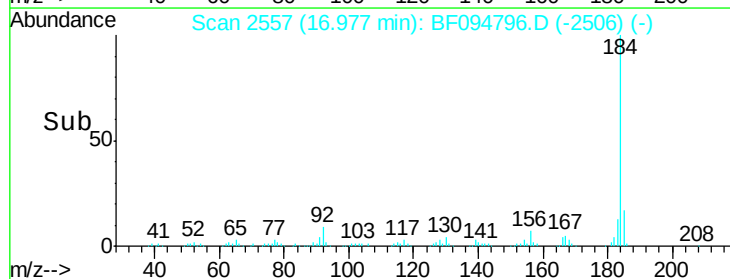
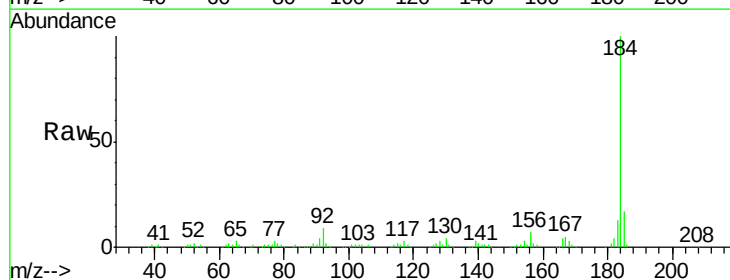
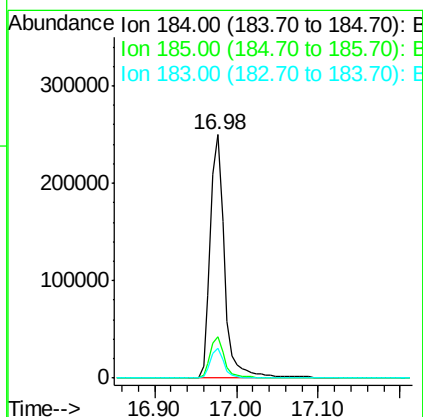
Manual Integrations
 APPROVED

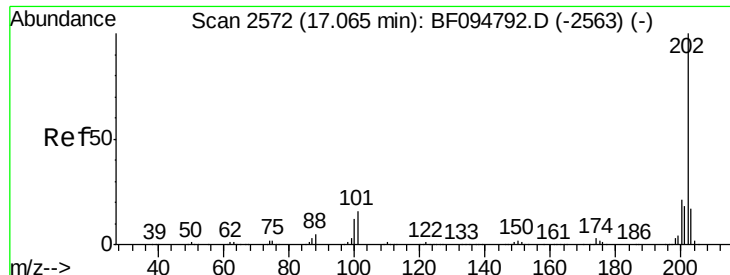
mohammad
 5/4/2017 1:44:01 PM



#76
 Benzidine
 Concen: 40.098 ng
 RT: 16.98 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	307667		
185	17.0	15.5	23.3	
183	12.5	9.8	14.6	





#77

Pyrene

Concen: 40.944 ng

RT: 17.07 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

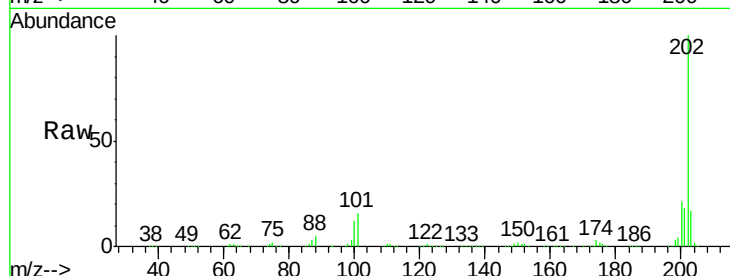
ClientSampleId :

ICVBF050217

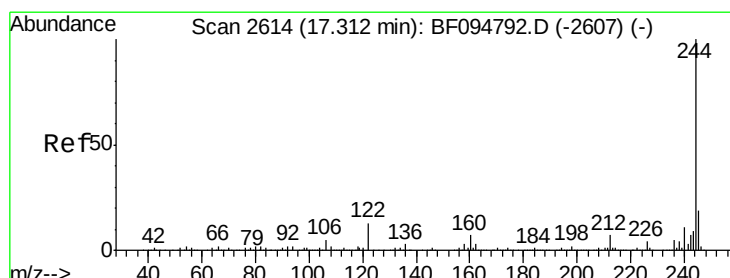
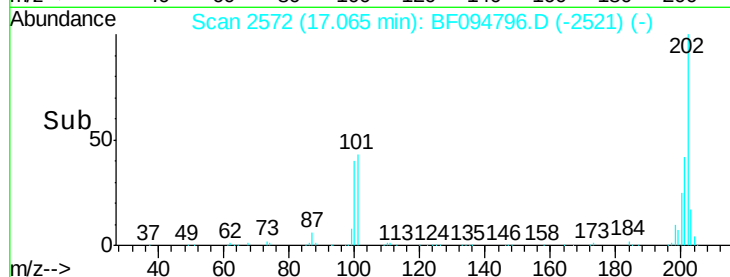
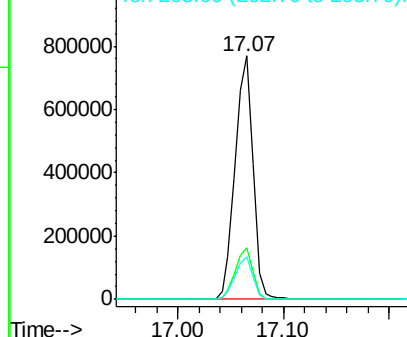
Tgt Ion:	202	Resp:	896869
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.6	26.4
203	17.4	14.4	21.6

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.166 ng

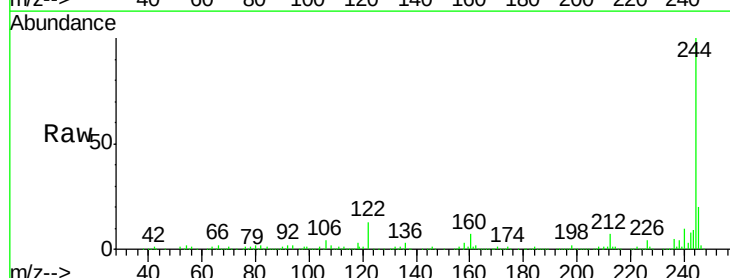
RT: 17.31 min Scan# 2614

Delta R.T. -0.00 min

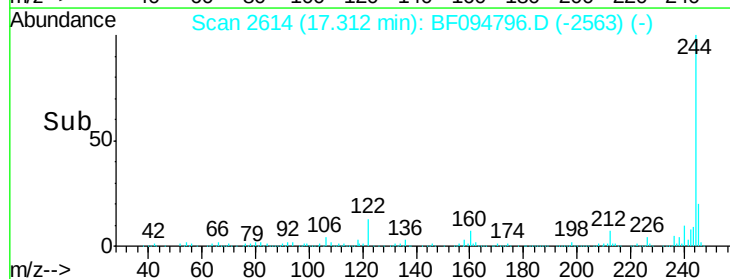
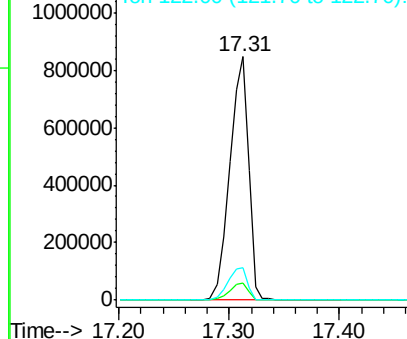
Lab File: BF094796.D

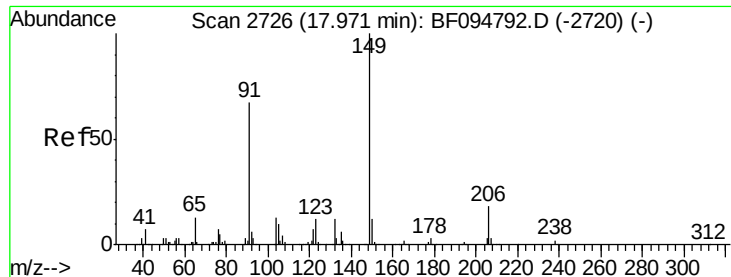
Acq: 2 May 2017 16:34

Tgt Ion:	244	Resp:	1012817
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.4	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





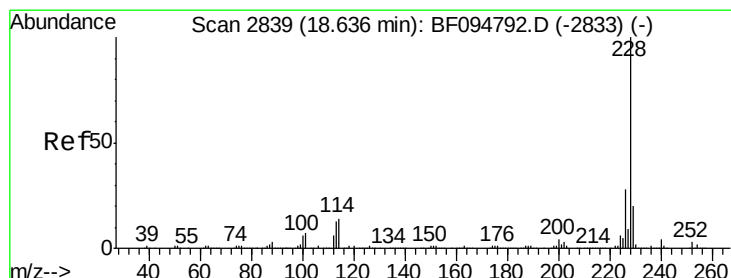
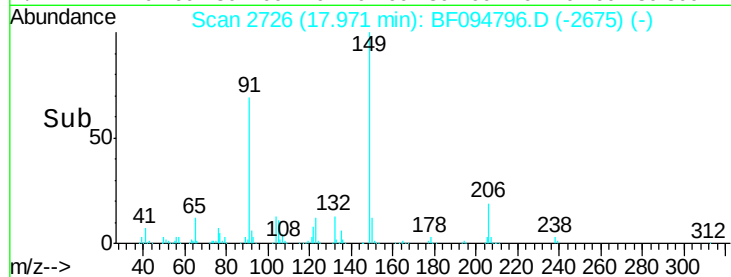
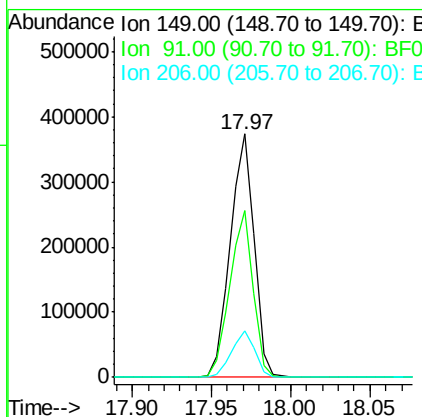
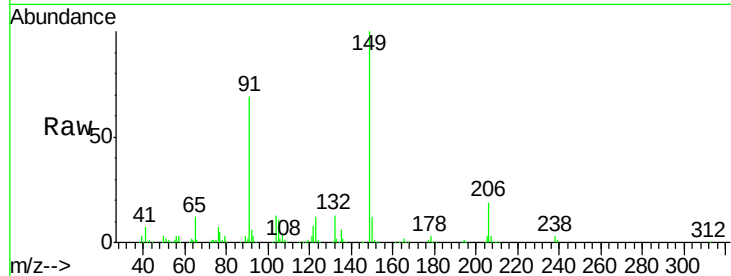
#79
Butylbenzylphthalate
Concen: 38.307 ng
RT: 17.97 min Scan# 2726
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	390296		
91	68.7	45.0	67.4#	
206	19.1	17.0	25.6	

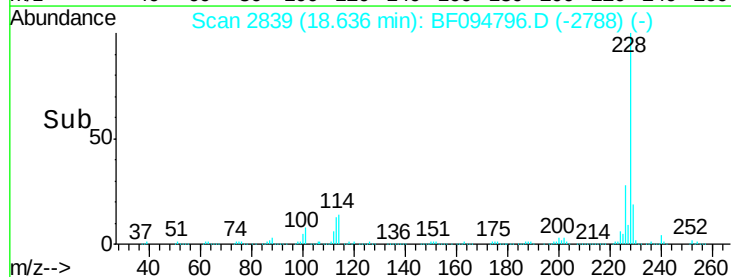
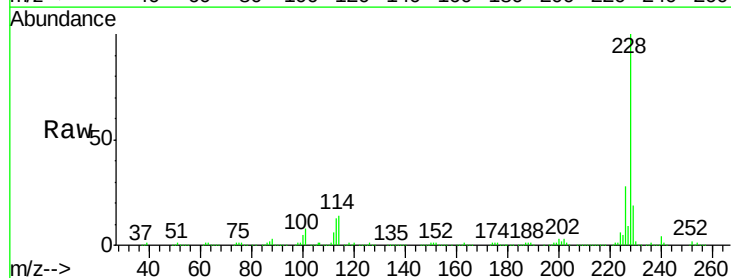
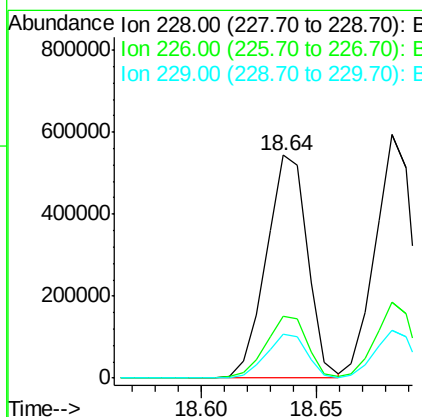
Manual Integrations
APPROVED

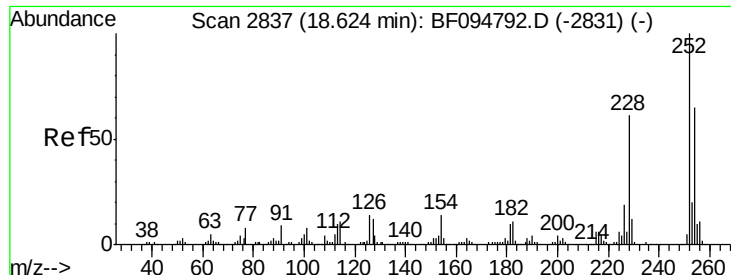
mohammad
5/4/2017 1:44:01 PM



#80
Benzo(a)anthracene
Concen: 39.363 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	670979		
226	27.7	22.6	33.8	
229	19.5	16.3	24.5	





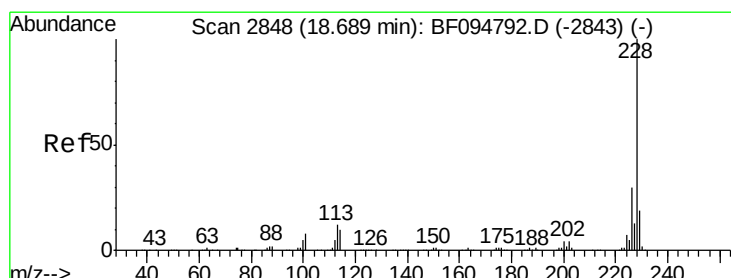
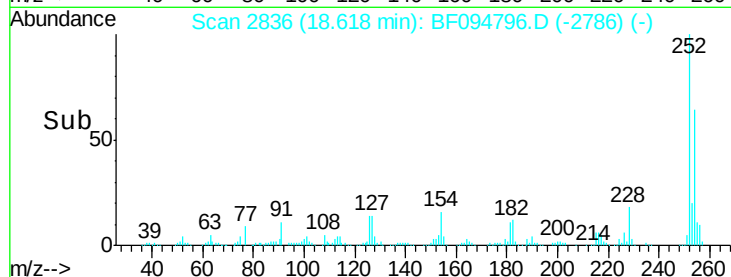
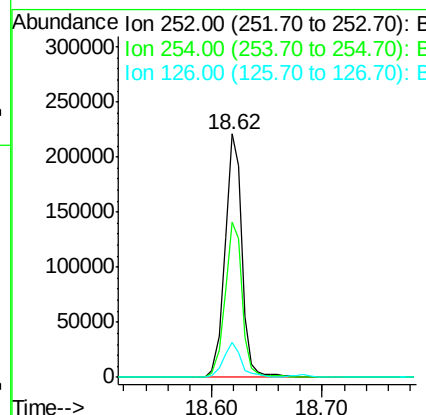
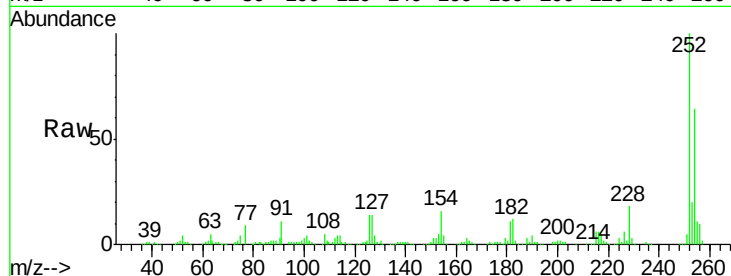
#81
 3,3'-Dichlorobenzidine
 Concen: 40.164 ng
 RT: 18.62 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.0	51.5	77.3
126	14.4	15.8	23.8

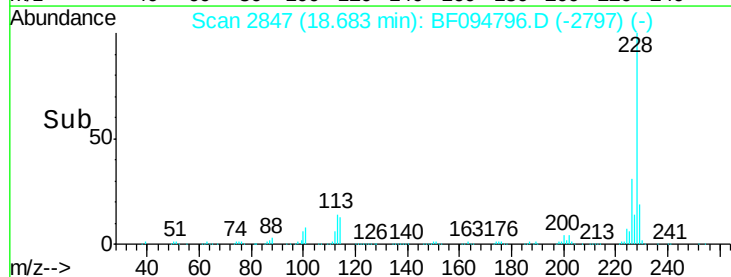
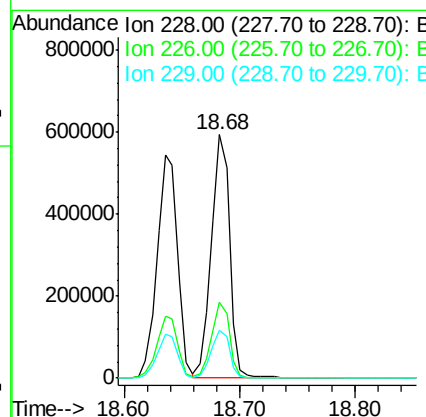
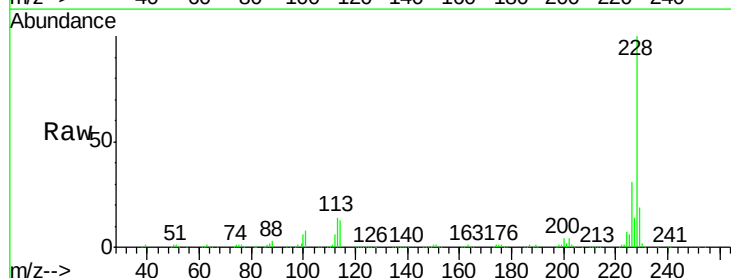
Manual Integrations
 APPROVED

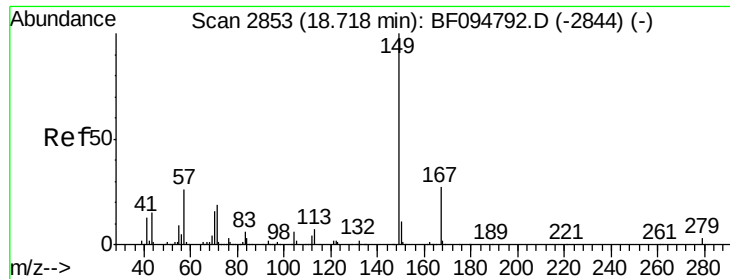
mohammad
 5/4/2017 1:44:01 PM



#82
 Chrysene
 Concen: 39.904 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.9	37.3
229	19.5	15.8	23.6





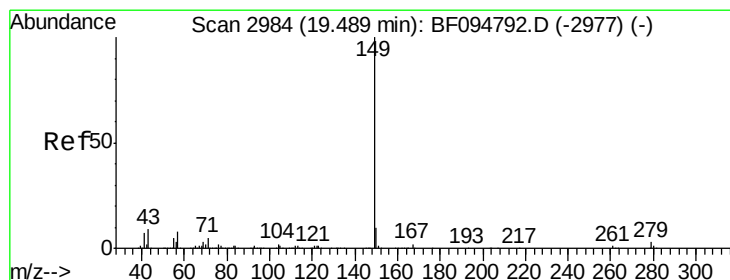
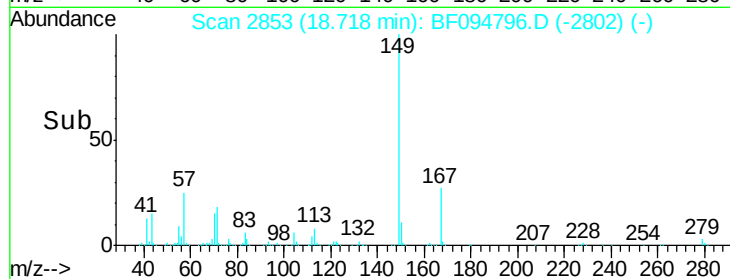
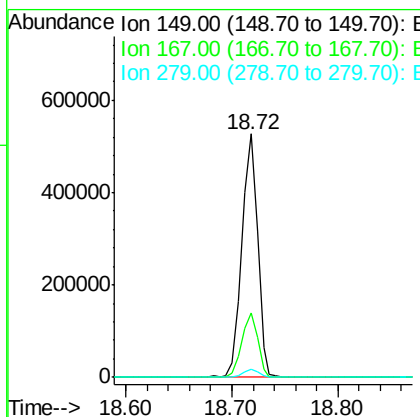
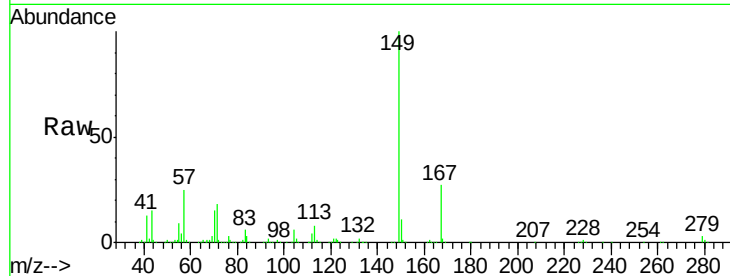
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.328 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	541878		
167	26.5	21.0	31.4	
279	3.2	1.9	2.9#	

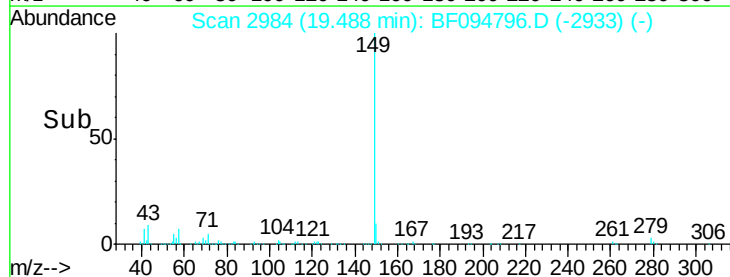
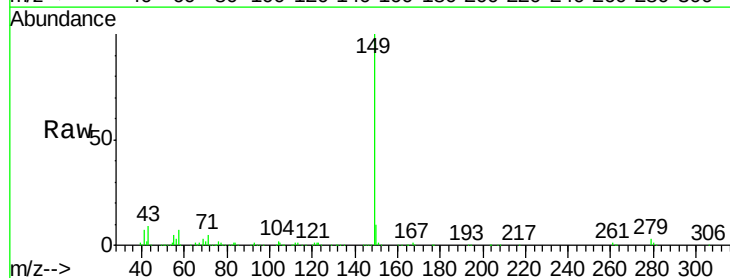
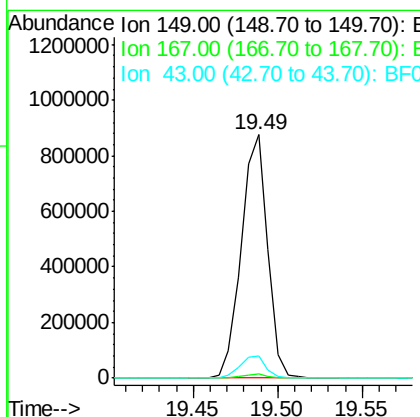
Manual Integrations
 APPROVED

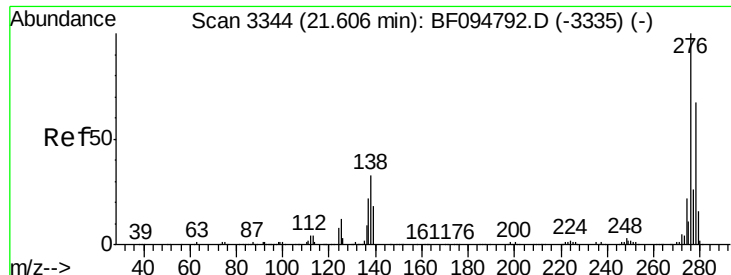
mohammad
 5/4/2017 1:44:01 PM



#84
 Di-n-octyl phthalate
 Concen: 39.851 ng
 RT: 19.49 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	948466		
167	1.5	1.2	1.8	
43	9.2	8.5	12.7	





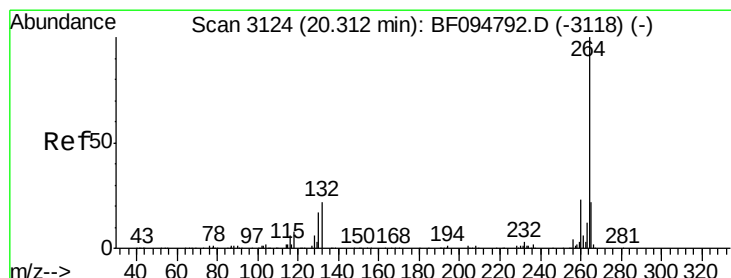
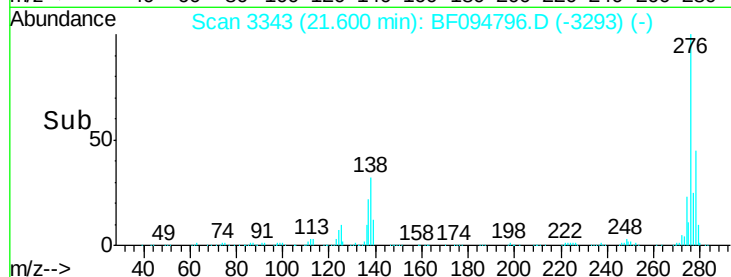
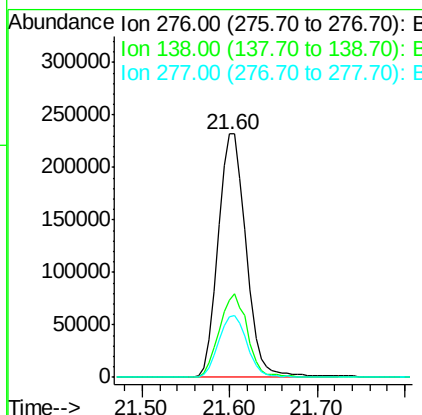
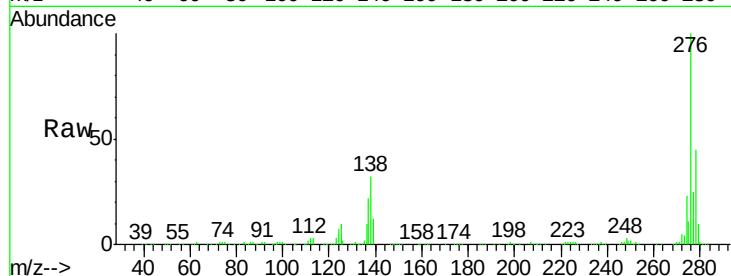
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.472 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.9	20.2	30.4

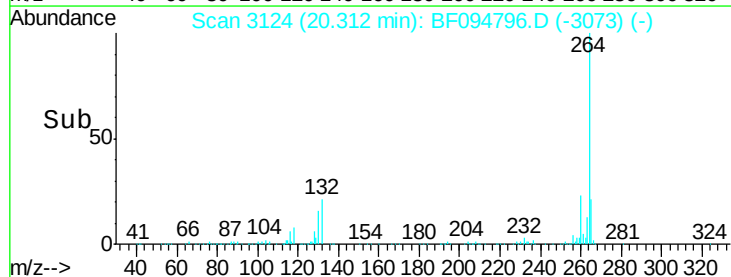
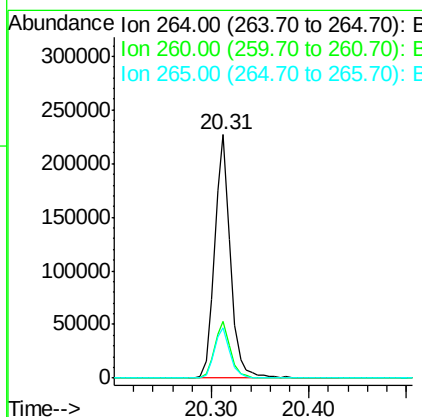
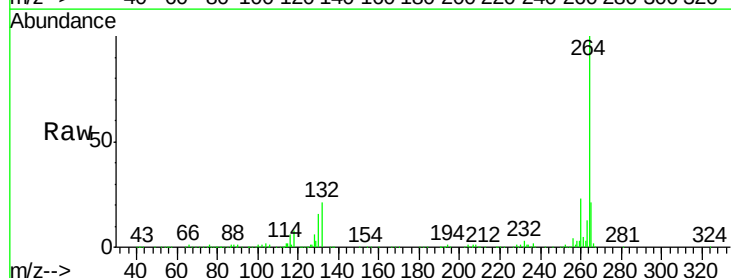
Manual Integrations
 APPROVED

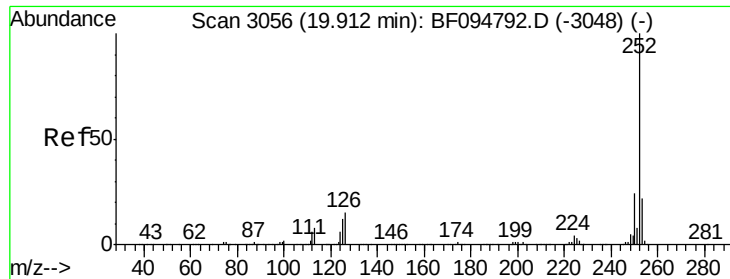
mohammad
 5/4/2017 1:44:01 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.8	17.2	25.8





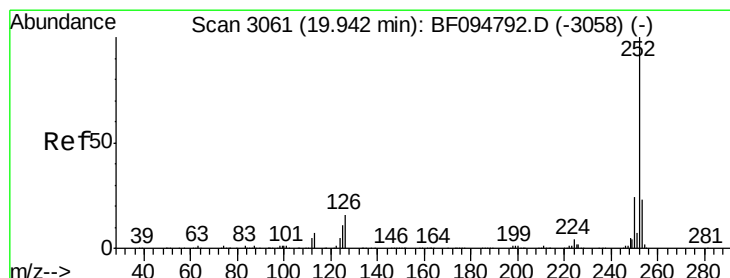
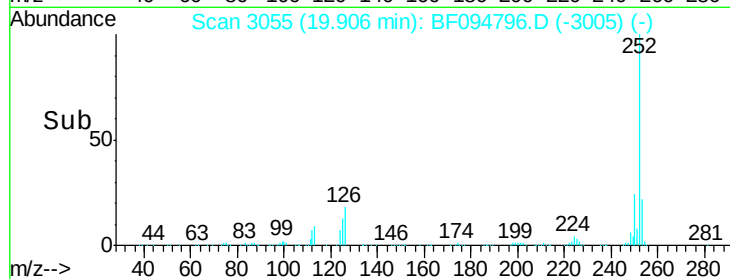
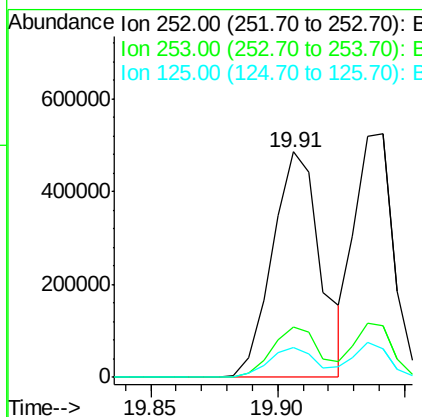
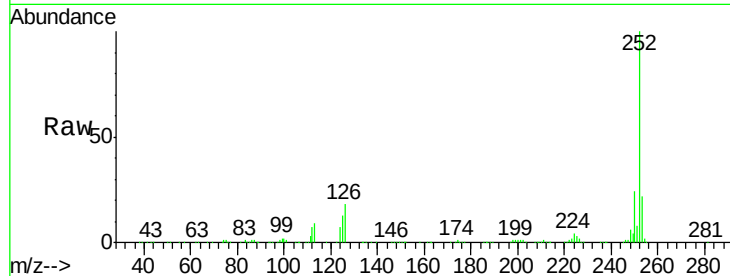
#87
Benzo(b)fluoranthene
Concen: 41.304 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Instrument :
BNA_F
ClientSampleId :
ICVBF050217

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.2	9.8	14.8

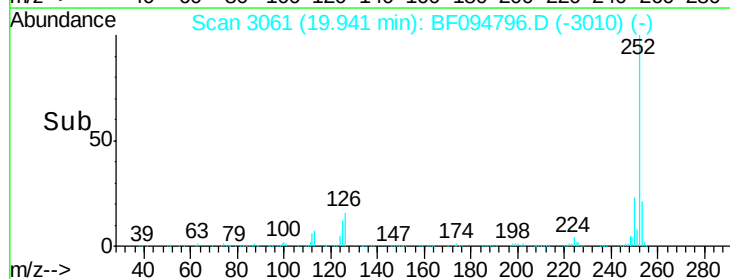
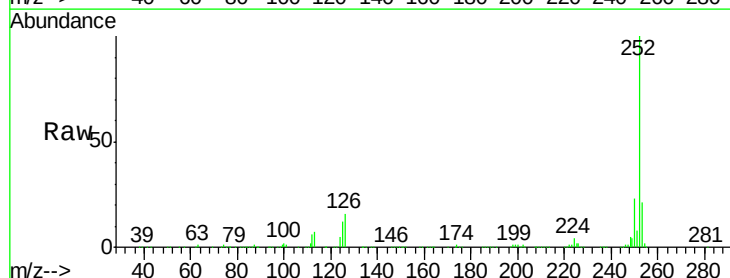
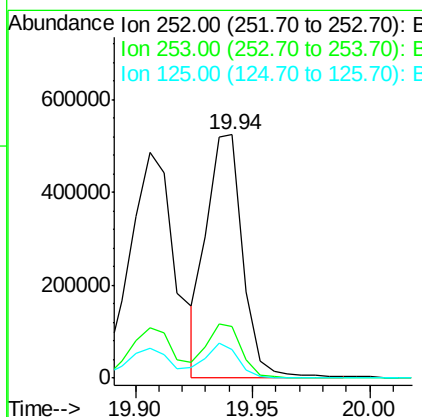
Manual Integrations
APPROVED

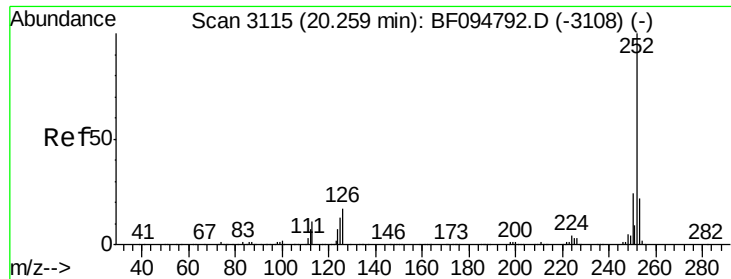
mohammad
5/4/2017 1:44:01 PM



#88
Benzo(k)fluoranthene
Concen: 37.809 ng m
RT: 19.94 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BF094796.D
Acq: 2 May 2017 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.4	27.6
125	11.6	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 38.343 ng

RT: 20.26 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BF094796.D

Acq: 2 May 2017 16:34

Instrument :

BNA_F

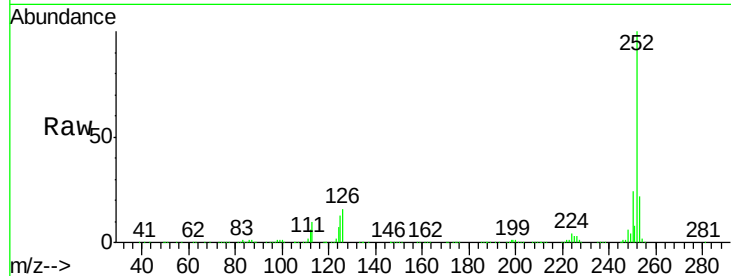
ClientSampleId :

ICVBF050217

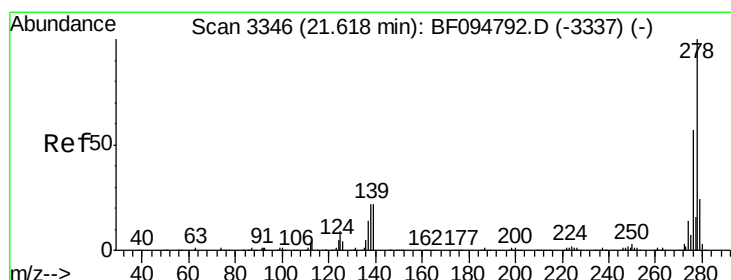
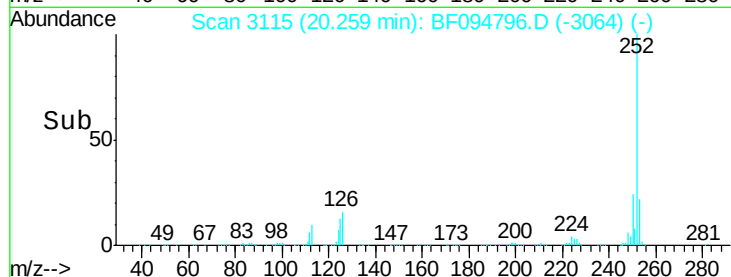
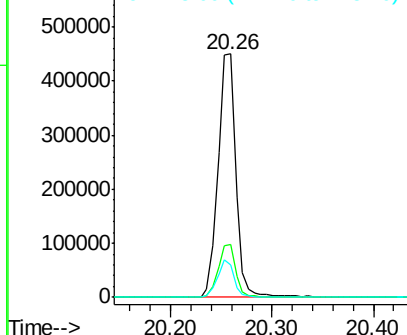
Tgt Ion:	252	Resp:	551491
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	13.2	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/4/2017 1:44:01 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.461 ng

RT: 21.62 min Scan# 3346

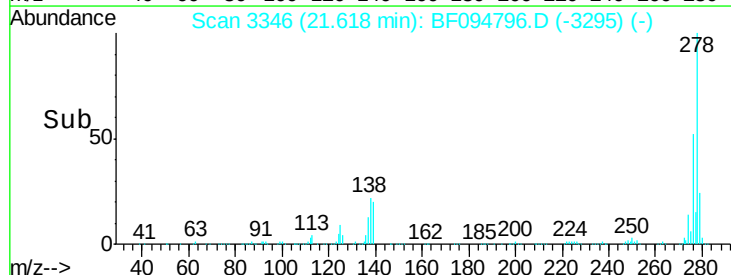
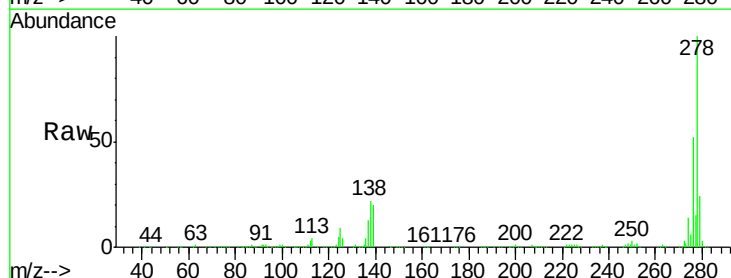
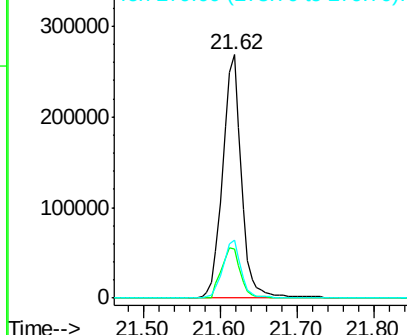
Delta R.T. -0.00 min

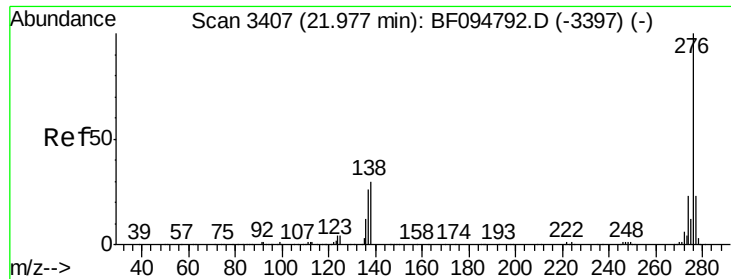
Lab File: BF094796.D

Acq: 2 May 2017 16:34

Tgt Ion:	278	Resp:	456861
Ion Ratio	Lower	Upper	
278	100		
139	20.3	16.6	24.8
279	23.7	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 36.679 ng
 RT: 21.98 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: BF094796.D
 Acq: 2 May 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050217

Tgt Ion:	276	Resp:	427559
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.6	28.0
138	31.3	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:01 PM

