

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096370.D
 Acq On : 1 Jul 2017 11:08
 Operator : SJ/MA
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

mohammad
 7/3/2017 3:57:21 PM

Quant Time: Jul 02 09:08:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 13:03:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153054	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	649435	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	290470	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	503091	20.00	ng	0.00
75) Chrysene-d12	13.87	240	426203	20.00	ng	0.00
86) Perylene-d12	15.29	264	372568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	59692	5.62	ng	0.00
7) Phenol-d6	6.36	99	75001	5.83	ng	-0.02
23) Nitrobenzene-d5	7.29	82	59402	6.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	13369	5.85	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.83	244	115629	6.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	12223	2.412	ng	# 70
3) Pyridine	3.16	79	33925	2.441	ng	# 69
4) n-Nitrosodimethylamine	3.05	42	16667	2.424	ng	# 94
6) Aniline	6.39	93	47471	2.677	ng	99
8) 2-Chlorophenol	6.52	128	31919	3.062	ng	94
9) Benzaldehyde	6.27	77	23448	3.021	ng	90
10) Phenol	6.37	94	43243	3.058	ng	88
11) bis(2-Chloroethyl)ether	6.46	93	31408	2.714	ng	94
12) 1,3-Dichlorobenzene	6.67	146	33284	2.897	ng	96
13) 1,4-Dichlorobenzene	6.75	146	32802	2.844	ng	92
14) 1,2-Dichlorobenzene	6.90	146	32187	3.064	ng	92
15) Benzyl Alcohol	6.87	79	24290	2.798	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	63254	2.588	ng	93
17) 2-Methylphenol	6.99	107	23747	2.627	ng	92
18) Hexachloroethane	7.25	117	11490	2.762	ng	# 81
19) n-Nitroso-di-n-propylamine	7.14	70	21874	2.838	ng	# 79
22) Acetophenone	7.13	105	44026	3.262	ng	# 97
24) Nitrobenzene	7.30	77	30735	2.959	ng	98
25) Isophorone	7.55	82	57419	2.695	ng	96
26) 2-Nitrophenol	7.63	139	14695	3.391	ng	# 85
27) 2,4-Dimethylphenol	7.67	122	28093	2.918	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	38850	2.692	ng	99
29) 2,4-Dichlorophenol	7.87	162	24224	2.950	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	23373	2.868	ng	# 93
31) Naphthalene	8.04	128	90496	2.891	ng	100
33) 4-Chloroaniline	8.08	127	36625	2.827	ng	97
34) Hexachlorobutadiene	8.16	225	12067	2.985	ng	95
35) Caprolactam	8.40	113	8214	2.895	ng	# 57
36) 4-Chloro-3-methylphenol	8.56	107	27099	3.034	ng	91
37) 2-Methylnaphthalene	8.73	142	57444	2.825	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	22899	3.257	ng	98
40) Hexachlorocyclopentadiene	8.89	237	7847	2.490	ng	88
42) 2,4,6-Trichlorophenol	9.00	196	16345	3.084	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	15744	2.818	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096370.D
 Acq On : 1 Jul 2017 11:08
 Operator : SJ/MA
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

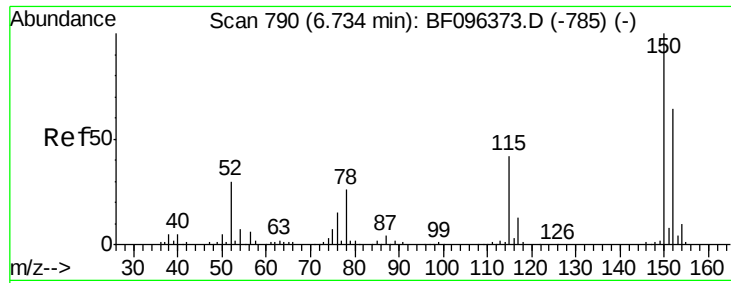
Manual Integrations
 APPROVED

mohammad
 7/3/2017 3:57:21 PM

Quant Time: Jul 02 09:08:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 13:03:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.19	154	76163	3.417	ng	96
46) 2-Chloronaphthalene	9.21	162	54861	2.967	ng #	93
47) 2-Nitroaniline	9.30	65	17123	2.933	ng	88
48) Acenaphthylene	9.63	152	86031	2.804	ng	96
49) Dimethylphthalate	9.49	163	63639	3.061	ng	99
50) 2,6-Dinitrotoluene	9.55	165	12373	2.861	ng	93
51) Acenaphthene	9.80	154	53693	2.974	ng	97
52) 3-Nitroaniline	9.70	138	16042	2.897	ng	93
54) Dibenzofuran	9.97	168	73025	3.098	ng	97
55) 4-Nitrophenol	9.87	139	12723	2.841	ng #	70
56) 2,4-Dinitrotoluene	9.95	165	15479	2.840	ng #	81
58) 2,3,4,6-Tetrachlorophenol	10.09	232	10989	2.816	ng #	98
59) Diethylphthalate	10.19	149	60295	2.889	ng	97
60) 4-Chlorophenyl-phenylether	10.31	204	24597	3.539	ng	89
61) 4-Nitroaniline	10.31	138	15051	3.124	ng	86
62) Azobenzene	10.46	77	57041	2.710	ng	96
65) n-Nitrosodiphenylamine	10.42	169	51699	2.857	ng	96
66) 4-Bromophenyl-phenylether	10.79	248	13536	2.615	ng	97
67) Hexachlorobenzene	10.86	284	15130	2.843	ng #	80
68) Atrazine	10.95	200	14394	3.015	ng	96
69) Pentachlorophenol	11.05	266	6705	2.207	ng	96
70) Phenanthrene	11.27	178	83934	3.088	ng	97
71) Anthracene	11.32	178	82477	2.934	ng	99
72) Carbazole	11.47	167	83644	2.695	ng	96
73) Di-n-butylphthalate	11.82	149	101279	3.090	ng	98
74) Fluoranthene	12.45	202	81311	2.910	ng	97
76) Benzidine	12.57	184	54310	3.399	ng #	91
77) Pyrene	12.68	202	85838	2.451	ng	98
79) Butylbenzylphthalate	13.30	149	42818	2.668	ng #	80
80) Benzo(a)anthracene	13.86	228	69938	2.692	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	26498	2.678	ng #	93
82) Chrysene	13.90	228	70557	2.626	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	55236	3.167	ng	97
84) Di-n-octyl phthalate	14.47	149	101796	2.833	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.64	276	56146	2.517	ng #	87
87) Benzo(b)fluoranthene	14.88	252	61902m	2.529	ng	
88) Benzo(k)fluoranthene	14.91	252	61822	2.767	ng	96
89) Benzo(a)pyrene	15.22	252	58806	2.720	ng #	96
90) Dibenzo(a,h)anthracene	16.66	278	45972	2.716	ng #	90
91) Benzo(g,h,i)perylene	17.05	276	46561	2.646	ng	94

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



#1

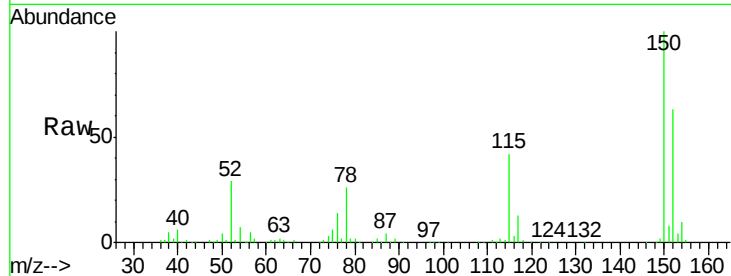
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

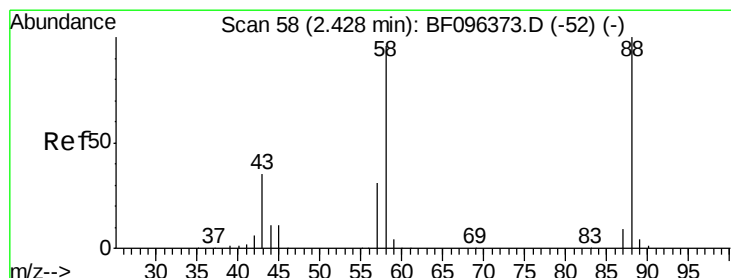
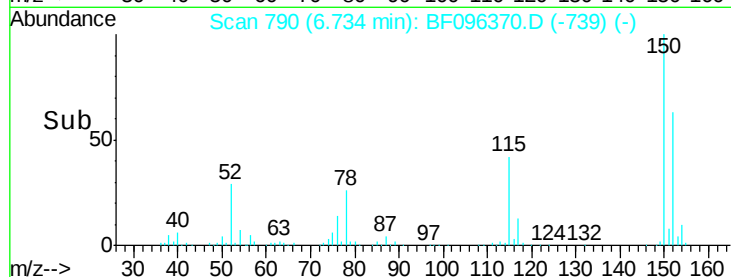
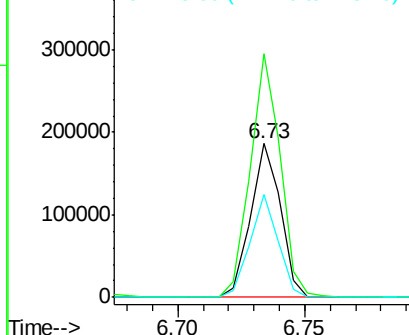
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	66.9	52.2	78.2

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



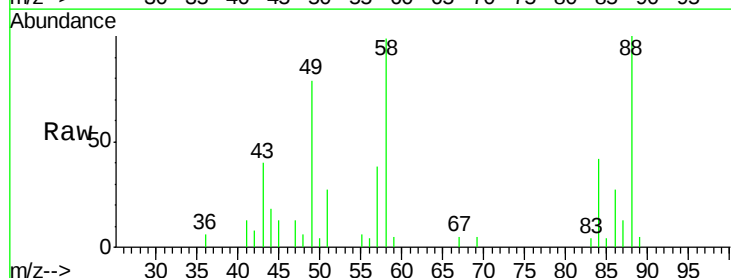
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



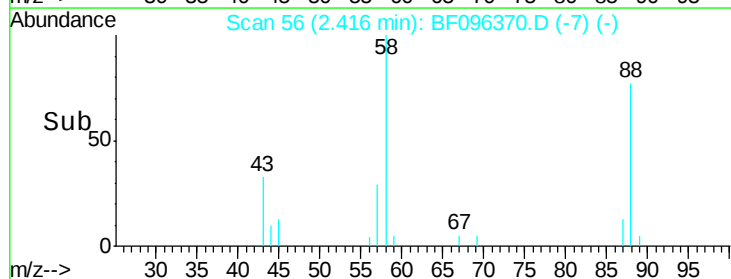
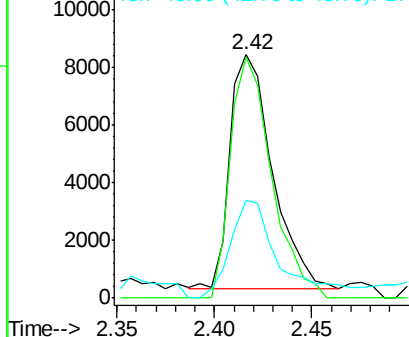
#2

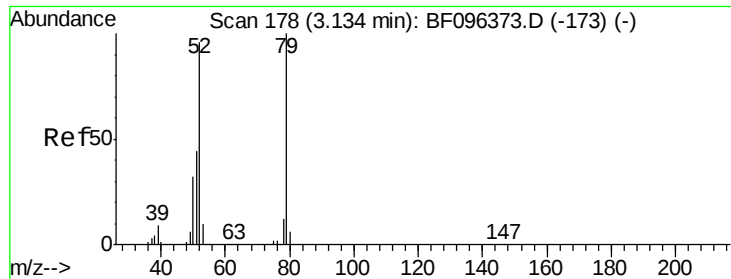
1,4-Dioxane
Concen: 2.412 ng
RT: 2.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.0	61.4	92.0#
43	49.3	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: 2.441 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.02 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

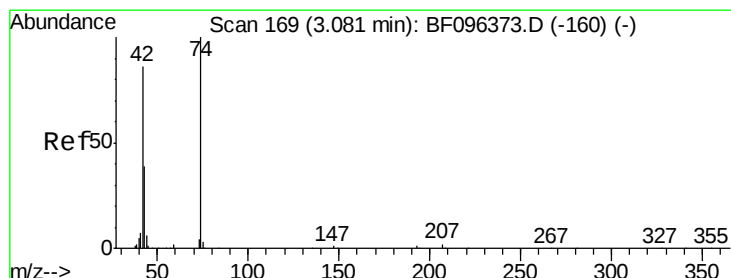
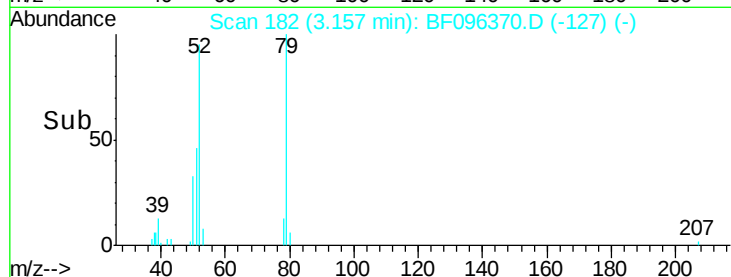
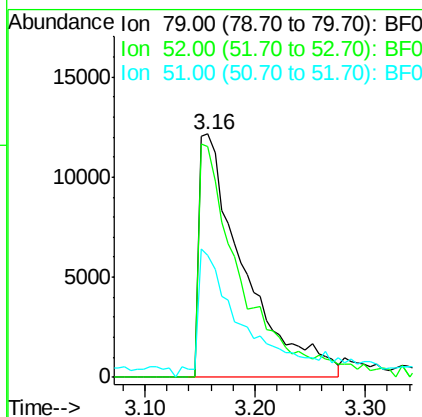
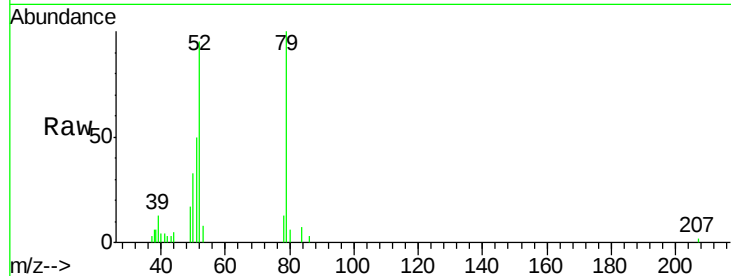
ClientSampleId :

SSTDICC2.5

Tgt Ion:	79	Resp:	33925
Ion Ratio	Lower	Upper	
79	100		
52	94.5	54.8	82.2#
51	49.9	27.0	40.4#

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#4

n-Nitrosodimethylamine

Concen: 2.424 ng

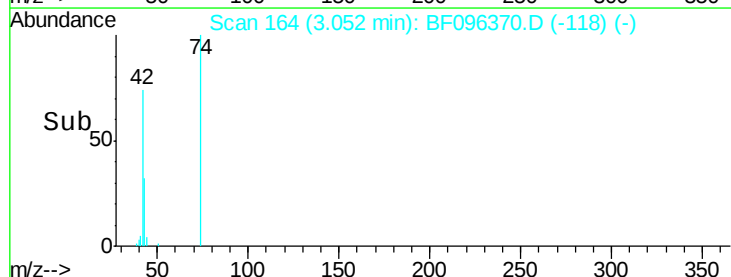
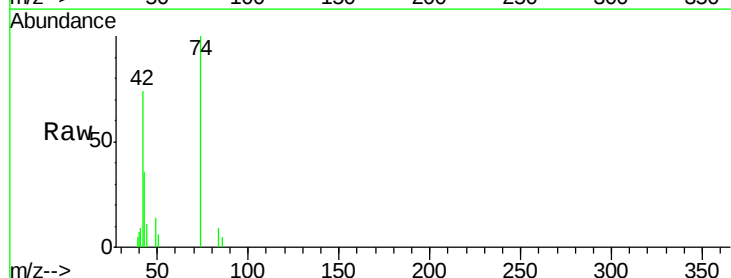
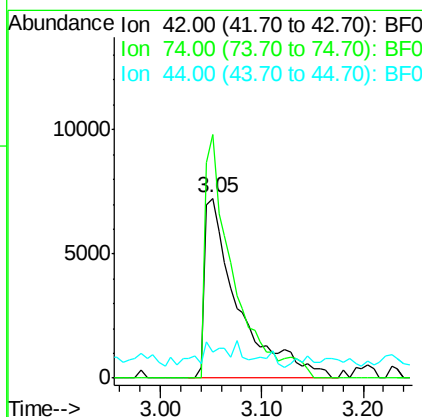
RT: 3.05 min Scan# 164

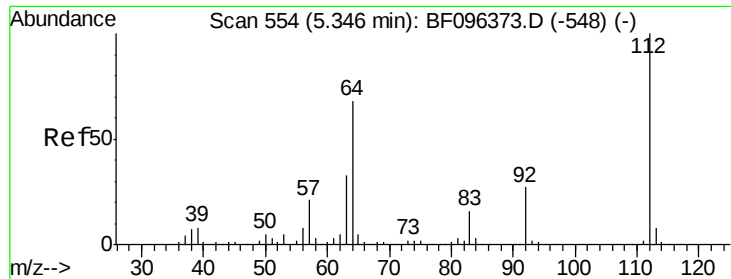
Delta R.T. -0.03 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:	42	Resp:	16667
Ion Ratio	Lower	Upper	
42	100		
74	135.3	103.9	155.9
44	14.5	5.7	8.5#





#5

2-Fluorophenol

Concen: 5.619 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

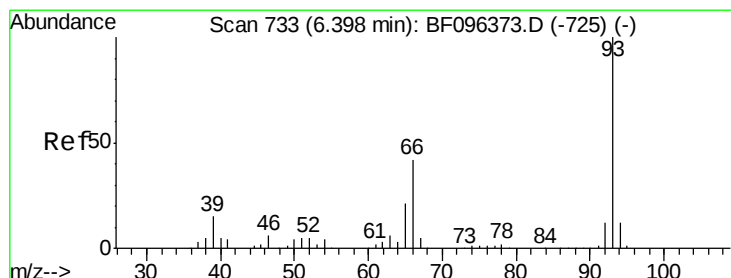
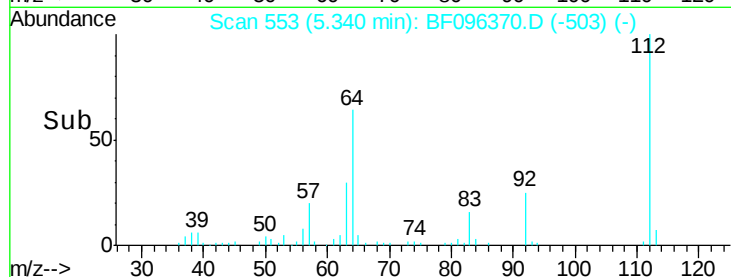
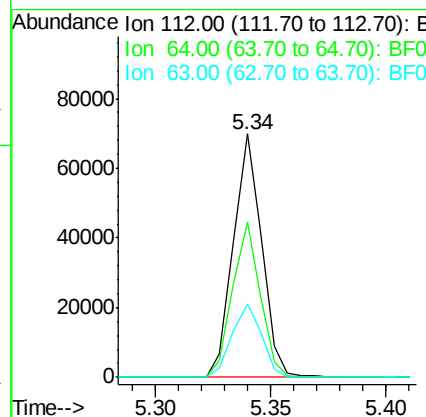
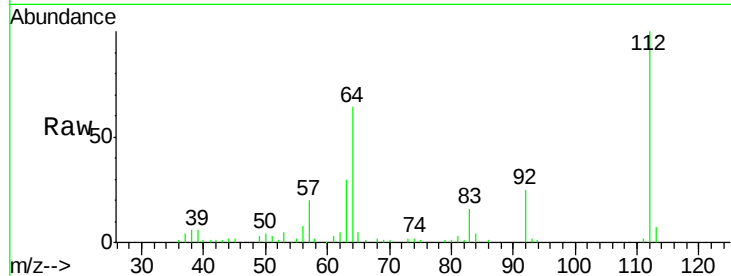
ClientSampleId :

SSTDICC2.5

Tgt Ion:	112	Resp:	59692
Ion Ratio	Lower	Upper	
112	100		
64	63.9	46.0	69.0
63	30.3	23.4	35.0

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#6

Aniline

Concen: 2.677 ng

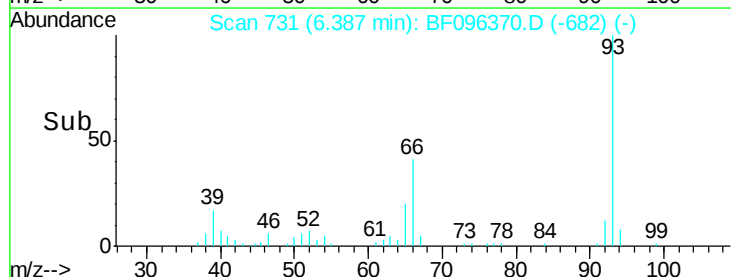
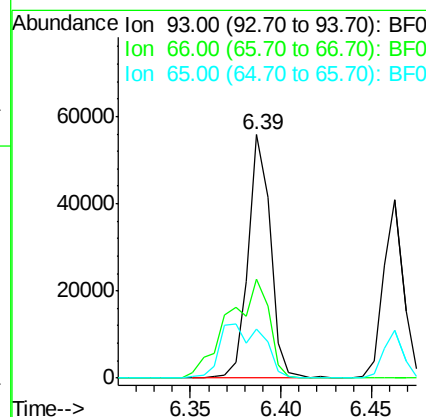
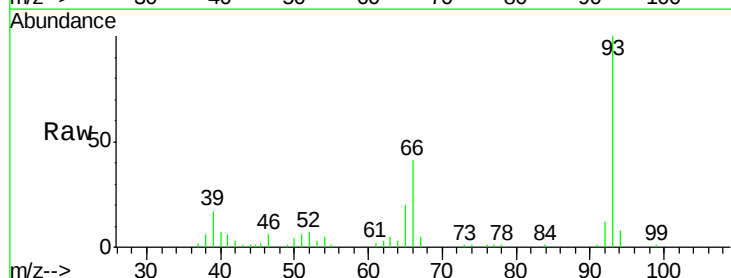
RT: 6.39 min Scan# 731

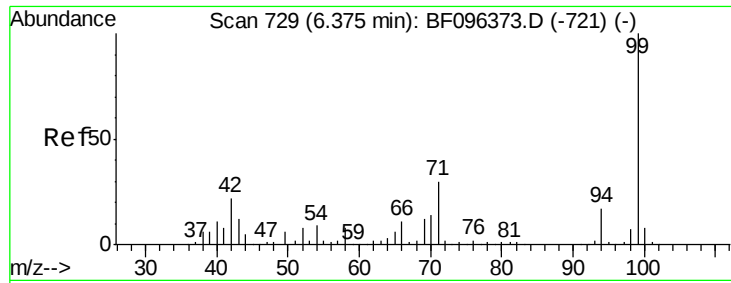
Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:	93	Resp:	47471
Ion Ratio	Lower	Upper	
93	100		
66	40.6	32.9	49.3
65	20.0	16.0	24.0





#7

Phenol-d6

Concen: 5.830 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

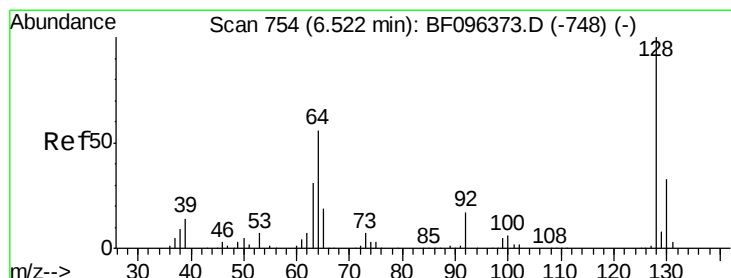
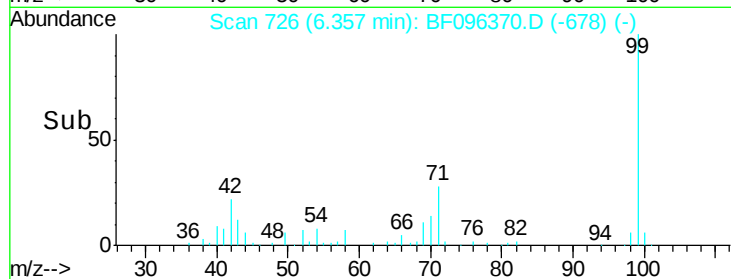
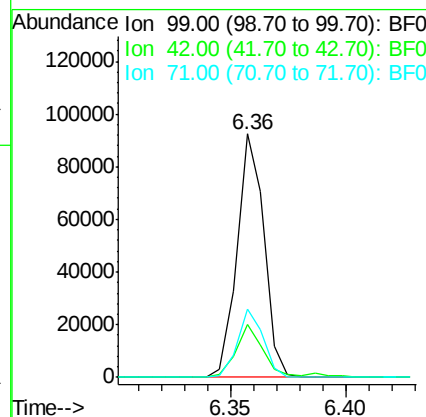
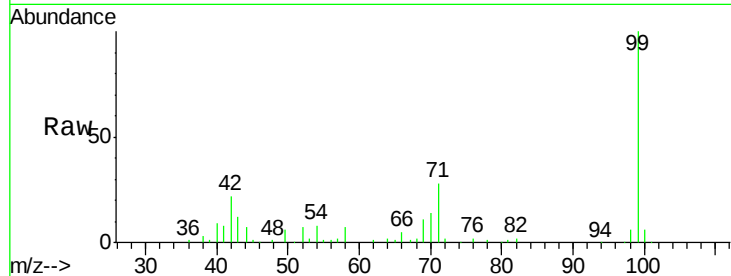
ClientSampleId :

SSTDICC2.5

Tgt Ion:	99	Resp:	75001
Ion Ratio	Lower	Upper	
99	100		
42	21.7	13.5	20.3#
71	27.8	24.5	36.7

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#8

2-Chlorophenol

Concen: 3.062 ng

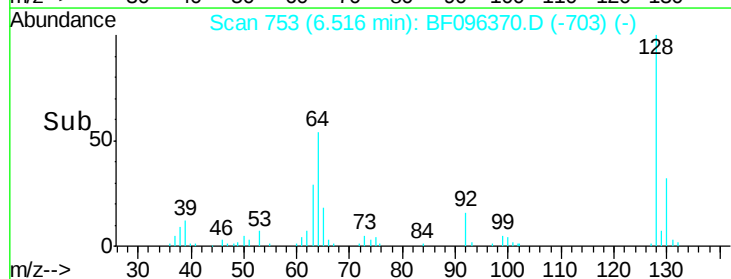
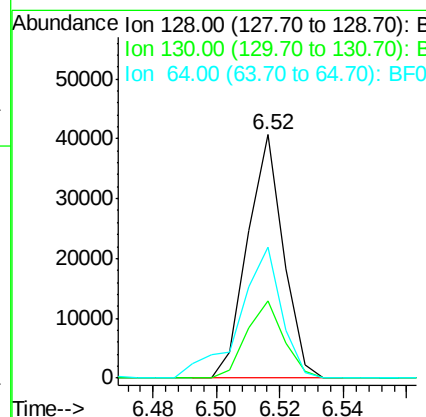
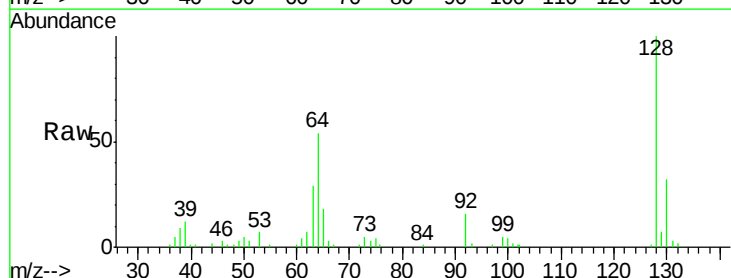
RT: 6.52 min Scan# 753

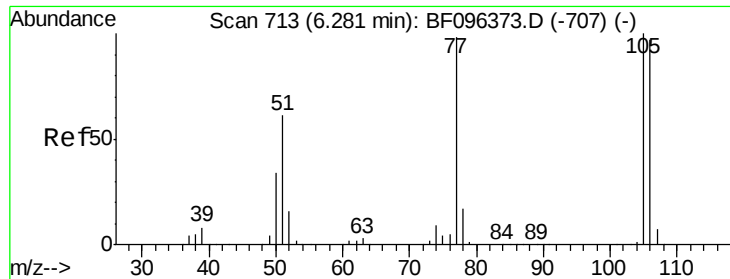
Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:	128	Resp:	31919
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	54.0	28.4	68.4





#9

Benzaldehyde

Concen: 3.021 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

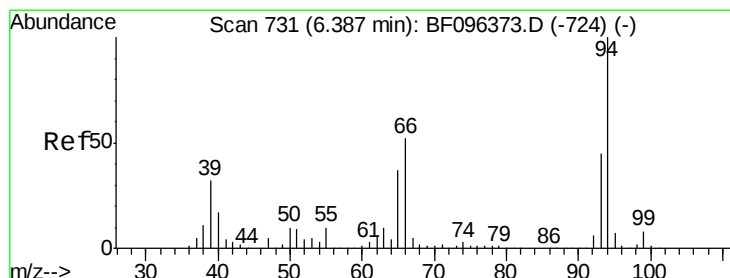
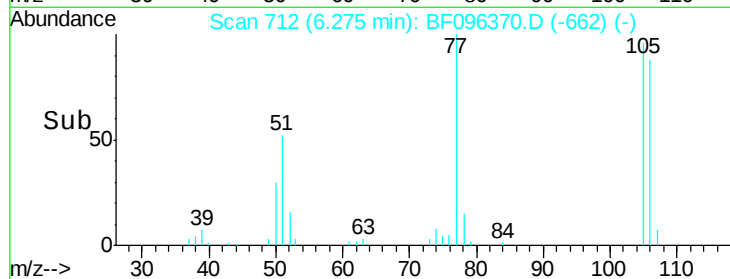
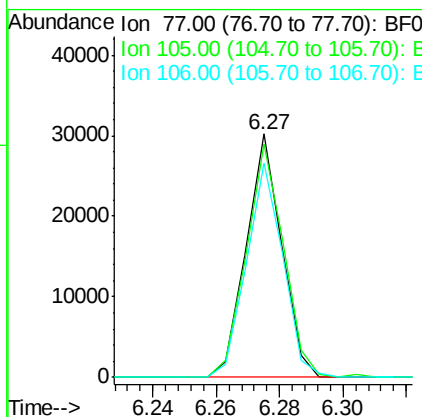
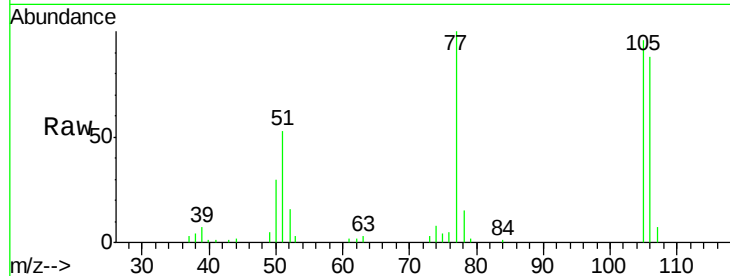
ClientSampleId :

SSTDICC2.5

Tgt Ion:	77	Resp:	23448
Ion	Ratio	Lower	Upper
77	100		
105	95.9	83.8	123.8
106	87.8	79.1	119.1

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#10

Phenol

Concen: 3.058 ng

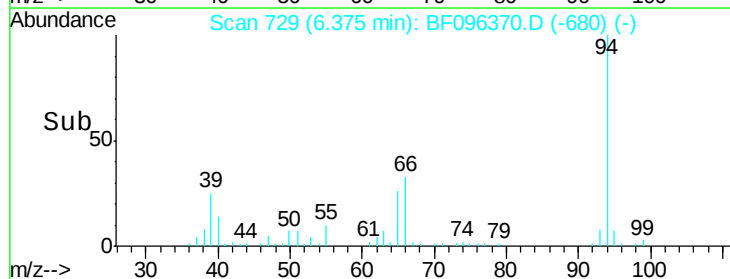
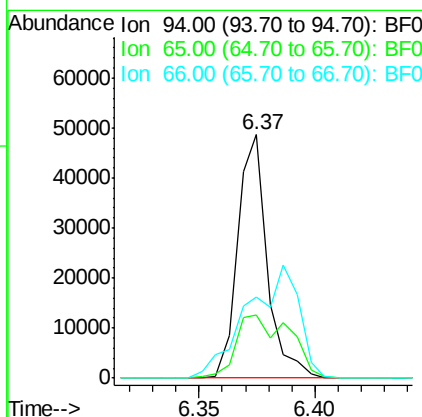
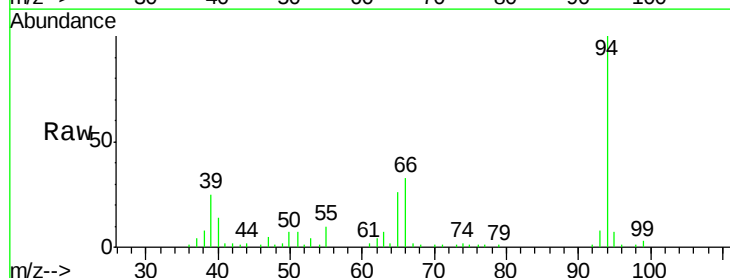
RT: 6.37 min Scan# 729

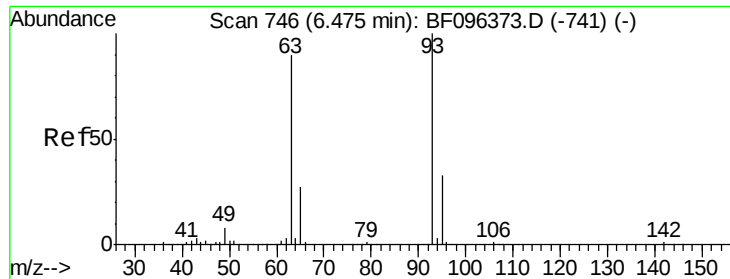
Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:	94	Resp:	43243
Ion	Ratio	Lower	Upper
94	100		
65	25.7	9.9	49.9
66	33.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 2.714 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

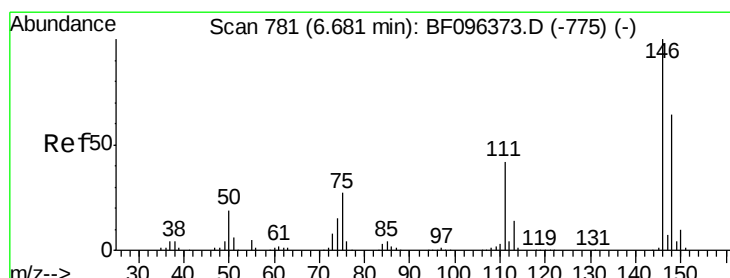
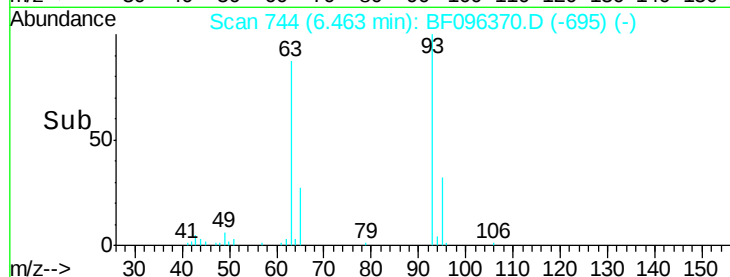
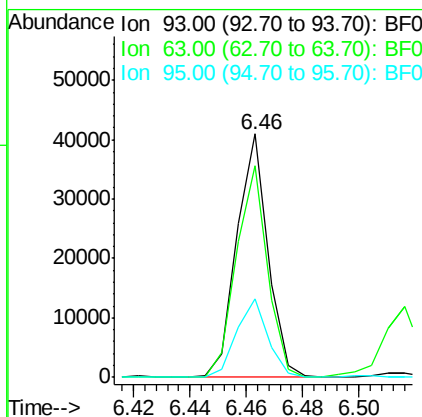
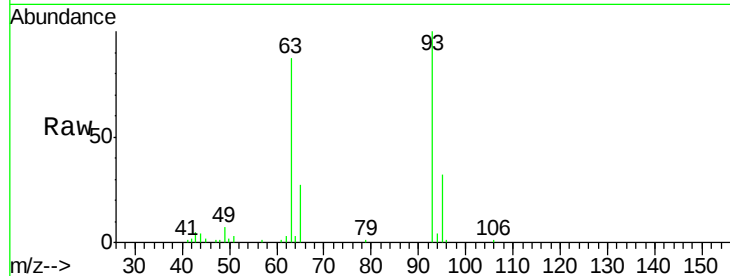
ClientSampleId :

SSTDICC2.5

Tgt Ion:	93	Resp:	31408
Ion	Ratio	Lower	Upper
93	100		
63	86.8	59.2	99.2
95	32.5	12.8	52.8

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#12

1,3-Dichlorobenzene

Concen: 2.897 ng

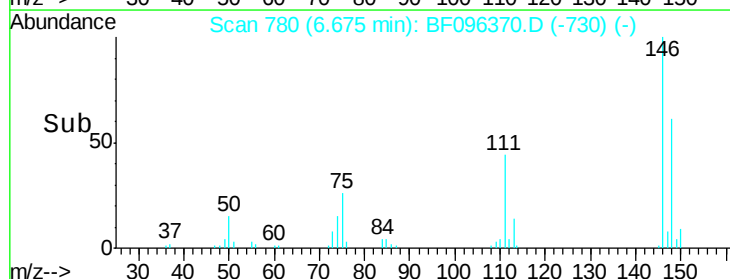
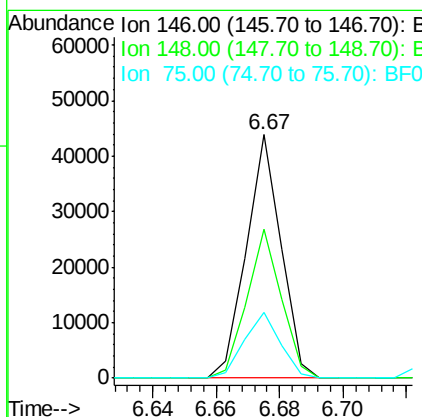
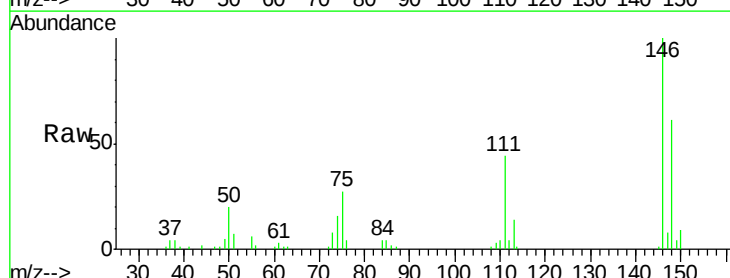
RT: 6.67 min Scan# 780

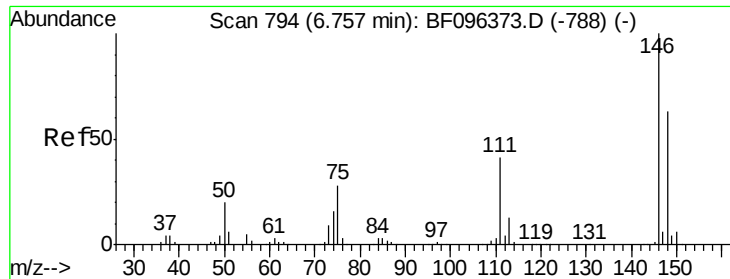
Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:	146	Resp:	33284
Ion	Ratio	Lower	Upper
146	100		
148	61.0	51.8	77.6
75	26.9	23.1	34.7





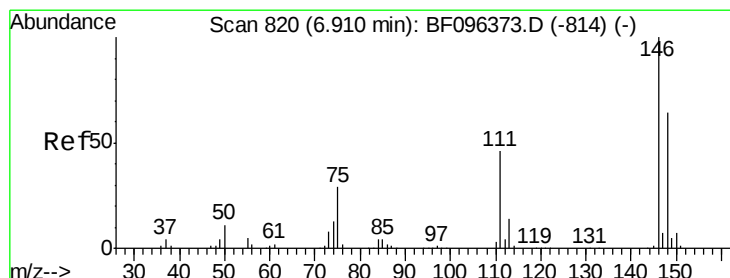
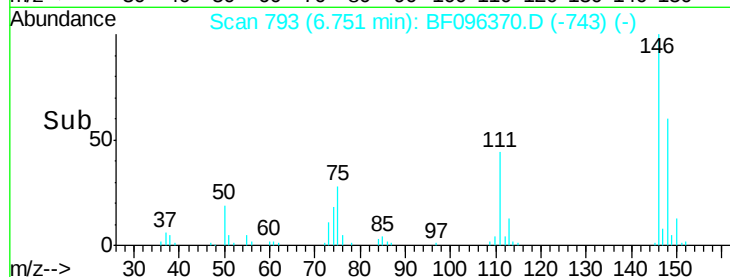
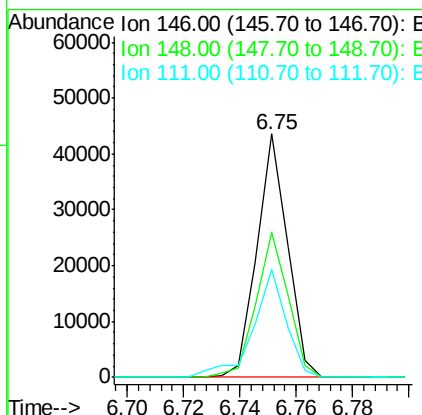
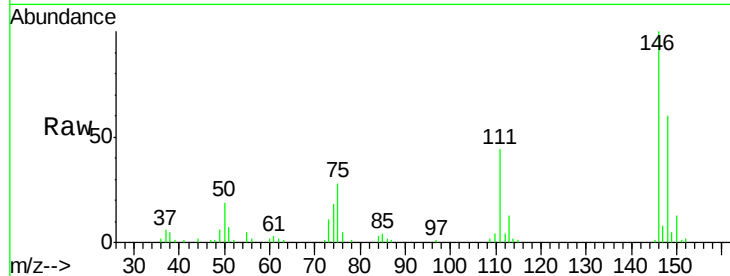
#13
 1,4-Dichlorobenzene
 Concen: 2.844 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	52.2	78.2
111	44.4	30.3	45.5

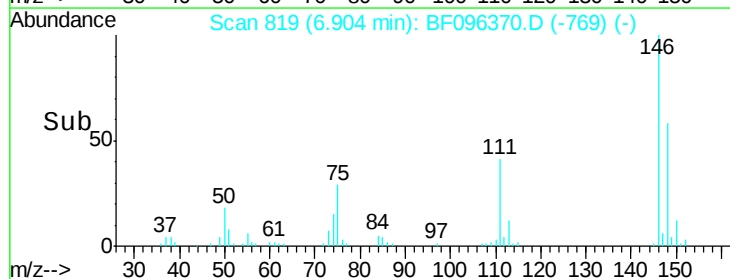
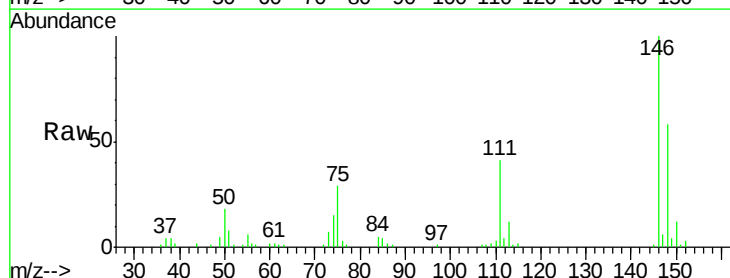
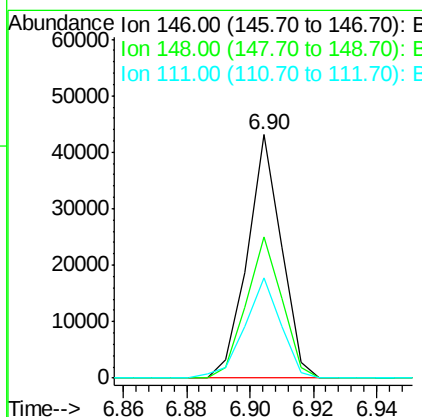
Manual Integrations
 APPROVED

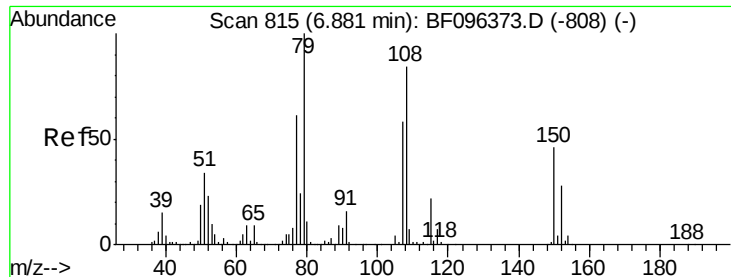
mohammad
 7/3/2017 3:57:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 3.064 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.2	50.4	75.6
111	41.0	38.2	57.4





#15

Benzyl Alcohol

Concen: 2.798 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

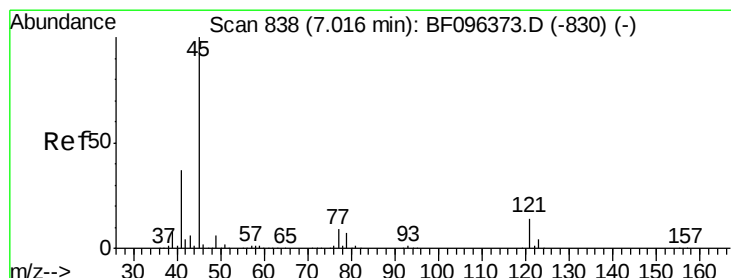
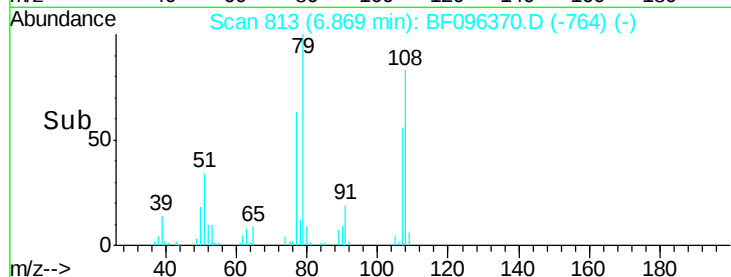
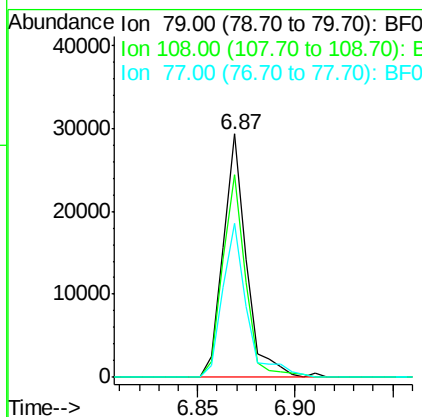
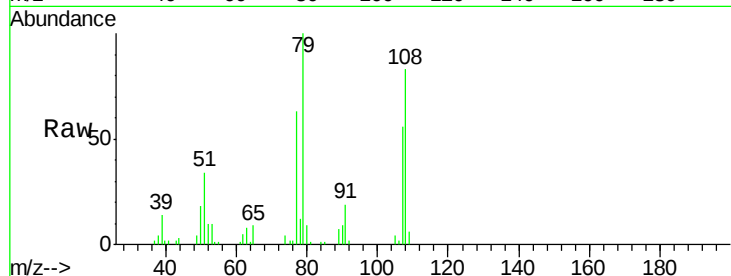
ClientSampleId :

SSTDICC2.5

Tgt Ion:	79	Resp:	24290
Ion	Ratio	Lower	Upper
79	100		
108	83.3	63.4	95.0
77	63.3	49.2	73.8

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.588 ng

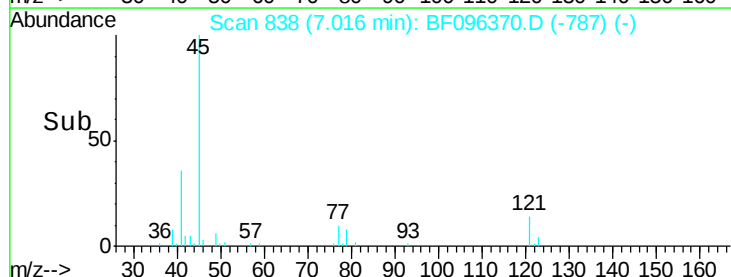
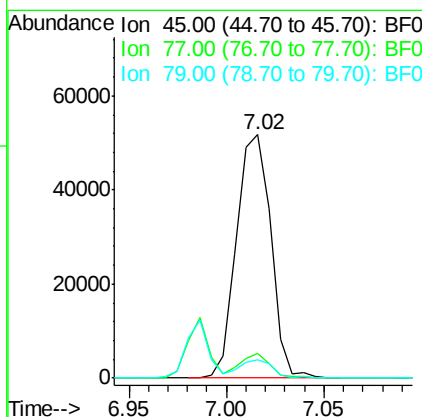
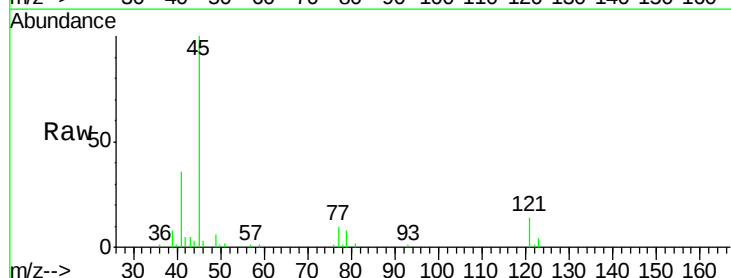
RT: 7.02 min Scan# 838

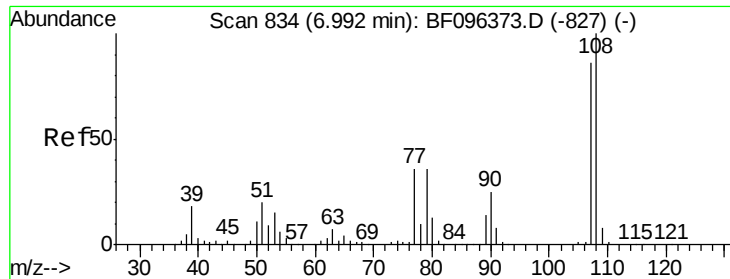
Delta R.T. 0.00 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:	45	Resp:	63254
Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	33.2
79	7.7	0.0	30.0





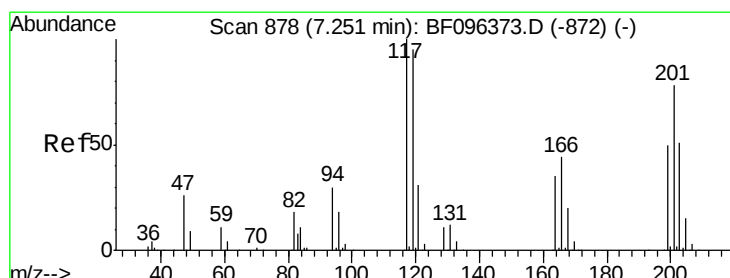
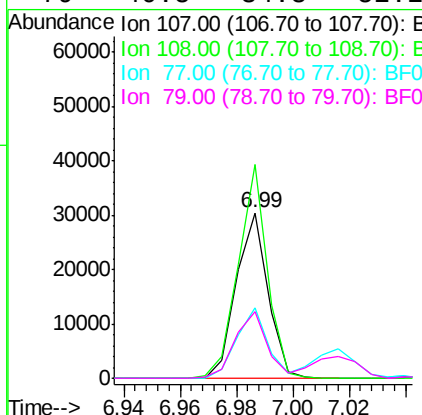
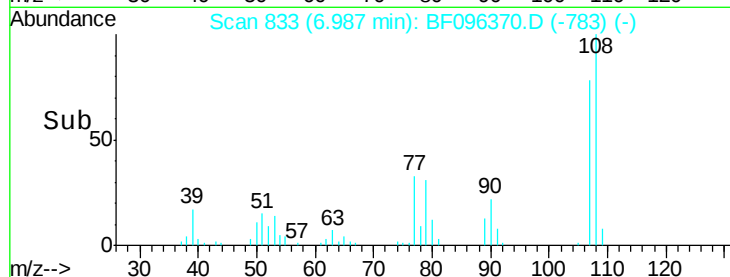
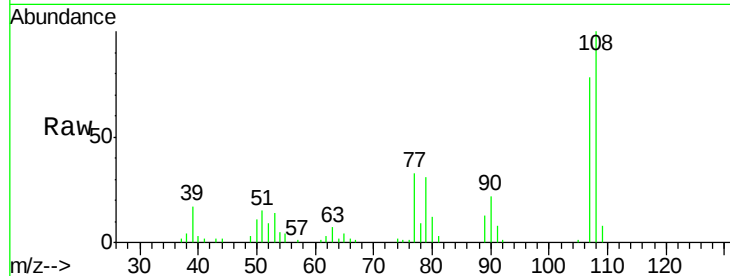
#17
2-Methylphenol
Concen: 2.627 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:	107	Resp:	23747
Ion Ratio	Lower	Upper	
107	100		
108	129.0	93.4	140.0
77	42.4	35.8	53.6
79	40.5	34.8	52.2

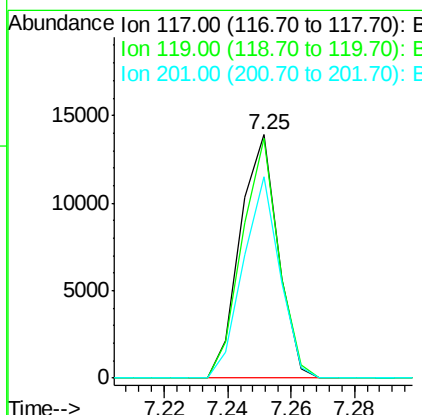
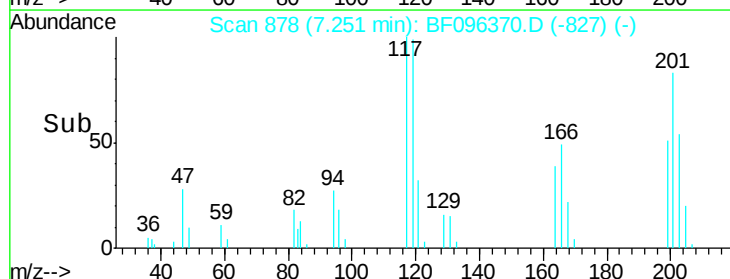
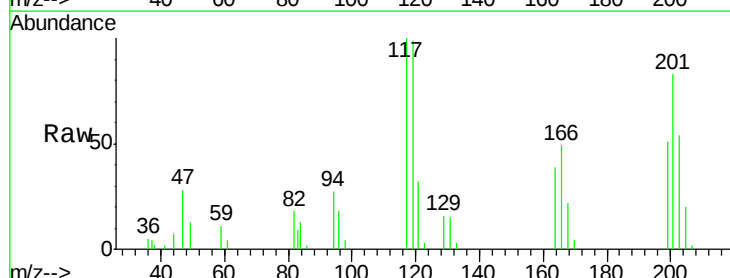
Manual Integrations
APPROVED

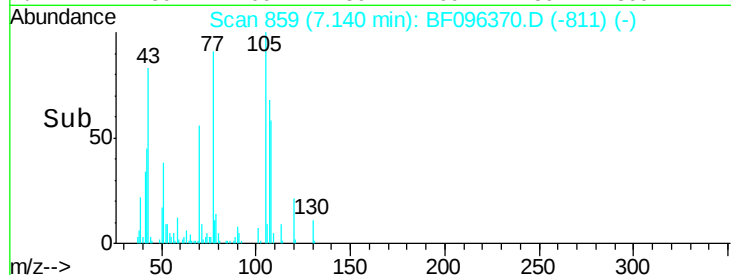
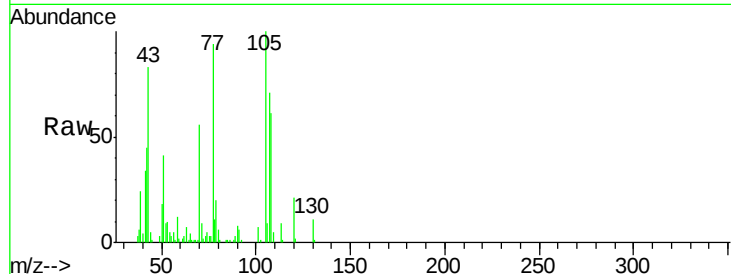
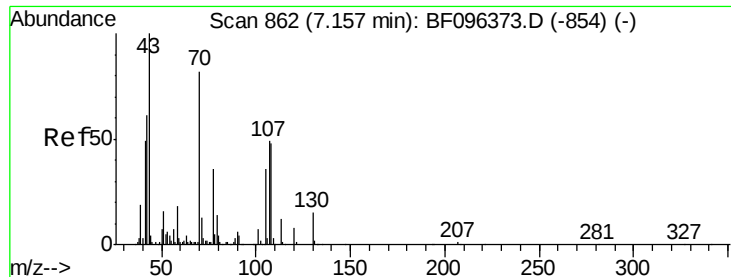
mohammad
7/3/2017 3:57:21 PM



#18
Hexachloroethane
Concen: 2.762 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion:	117	Resp:	11490
Ion Ratio	Lower	Upper	
117	100		
119	98.7	77.4	116.0
201	82.6	94.6	141.8#





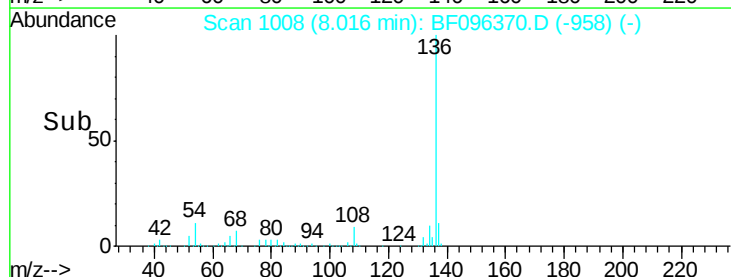
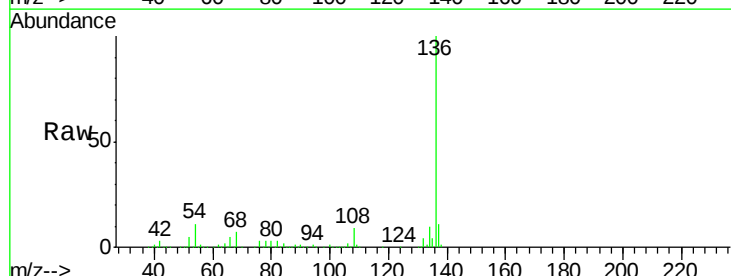
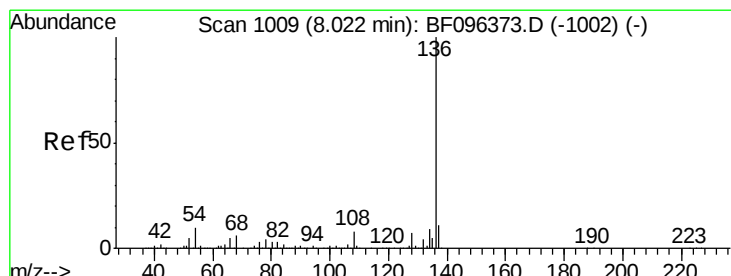
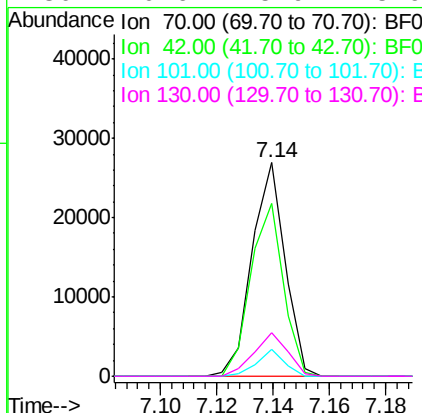
#19
n-Nitroso-di-n-propylamine
Concen: 2.838 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
70	100		
42	81.2	47.2	70.8#
101	12.3	7.2	10.8#
130	20.6	15.9	23.9

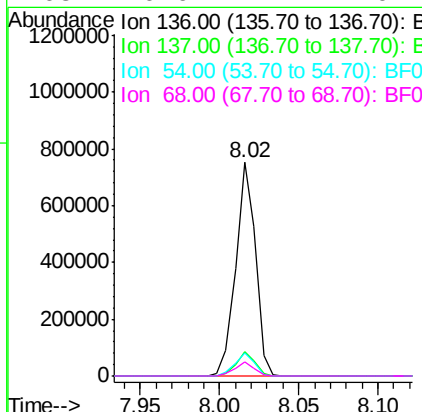
Manual Integrations
APPROVED

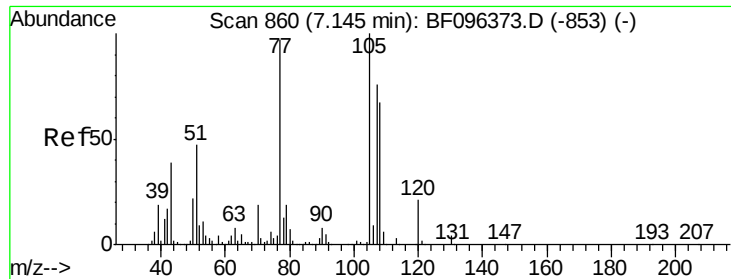
mohammad
7/3/2017 3:57:21 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.1	4.9	7.3#
68	6.6	4.1	6.1#





#22

Acetophenone

Concen: 3.262 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF096370.D

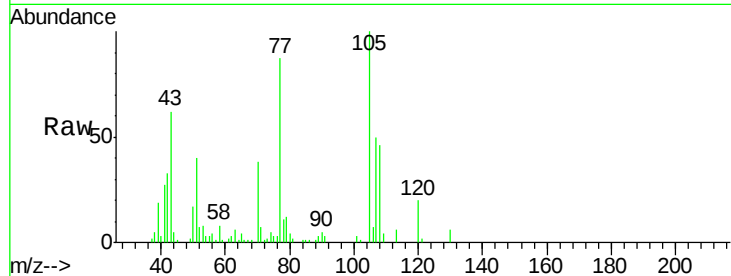
Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion: 105 Resp: 44026

Ion Ratio Lower Upper

105 100

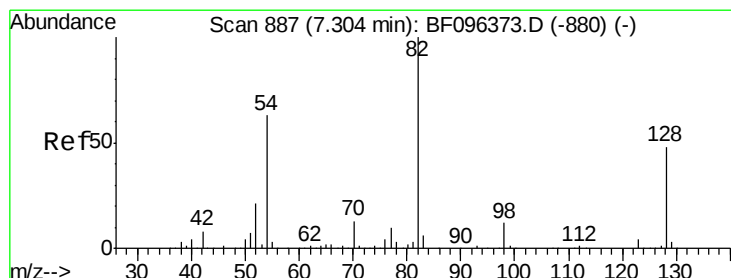
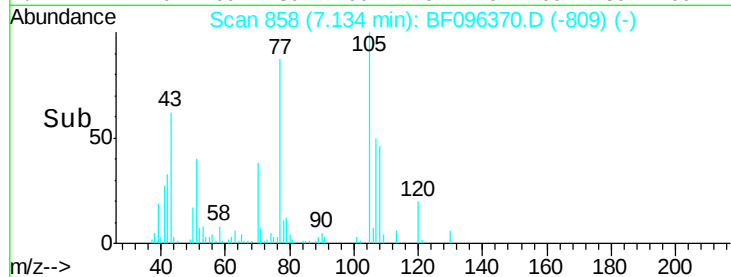
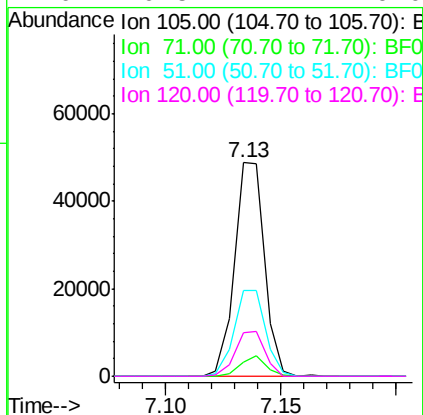
71 6.8 2.8 4.2#

51 40.0 30.7 46.1

120 20.5 17.4 26.0

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#23

Nitrobenzene-d5

Concen: 6.332 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

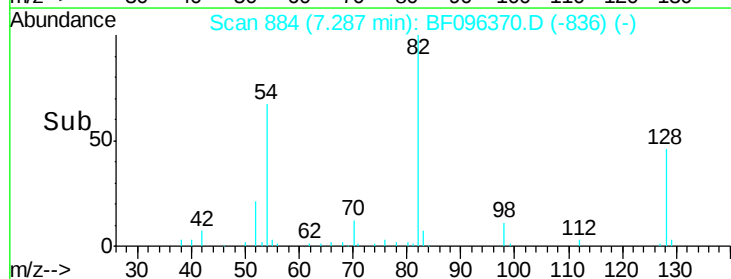
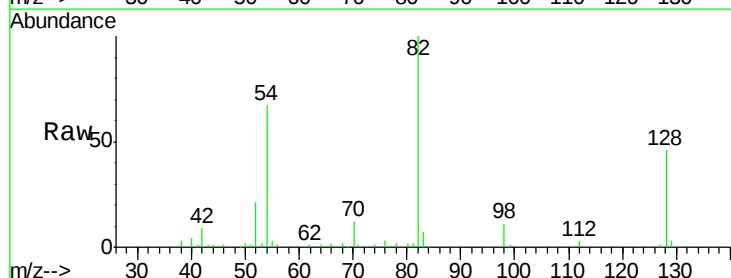
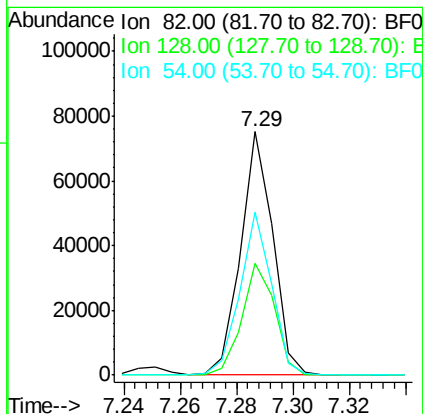
Tgt Ion: 82 Resp: 59402

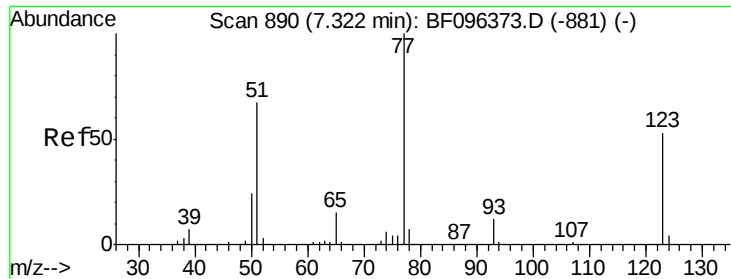
Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

54 66.8 42.2 63.2#





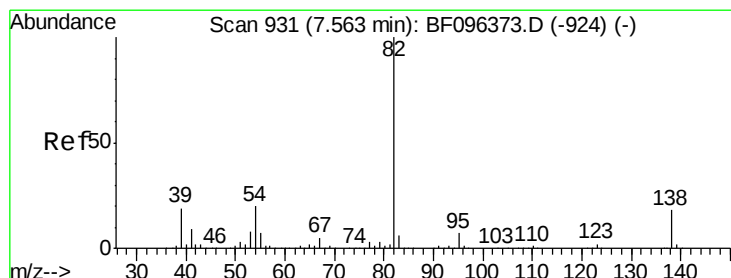
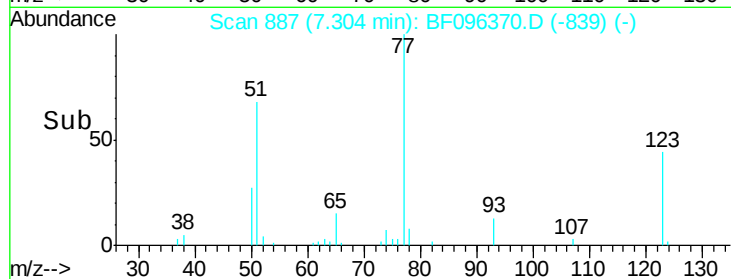
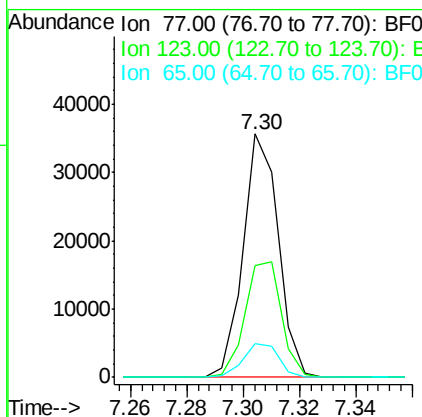
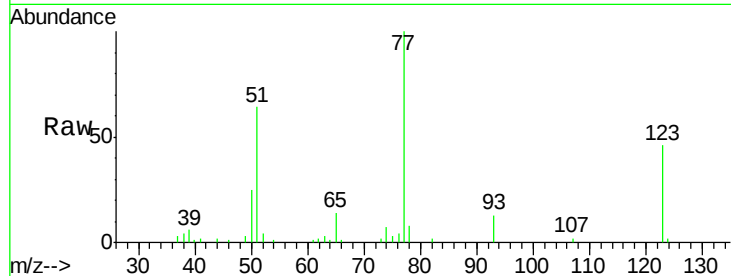
#24
Nitrobenzene
Concen: 2.959 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	35.8	53.8
65	13.8	10.6	15.8

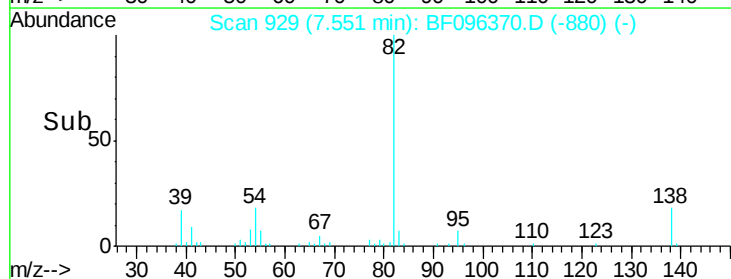
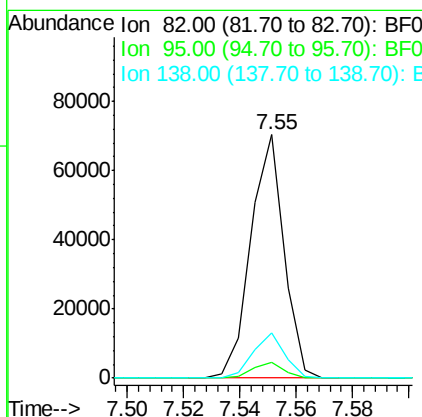
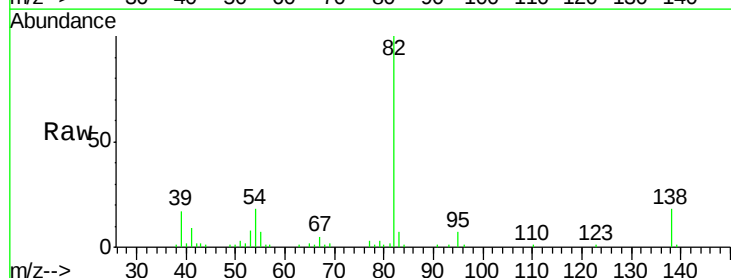
Manual Integrations
APPROVED

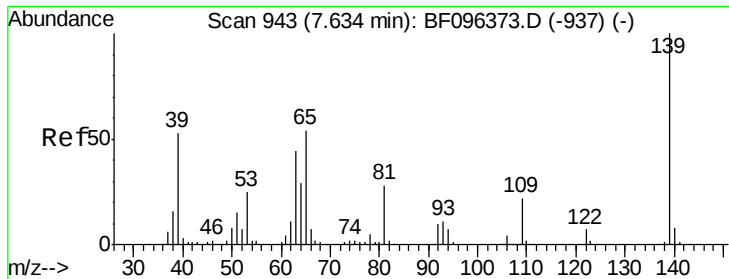
mohammad
7/3/2017 3:57:21 PM



#25
Isophorone
Concen: 2.695 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.5	13.1	19.7





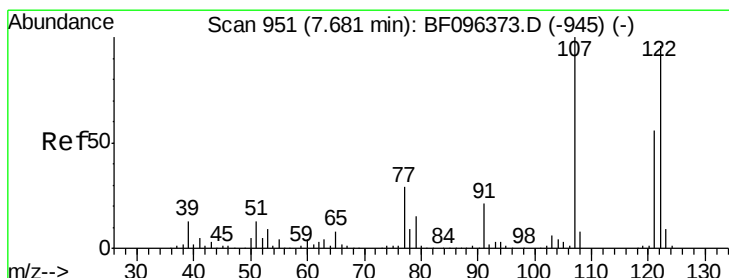
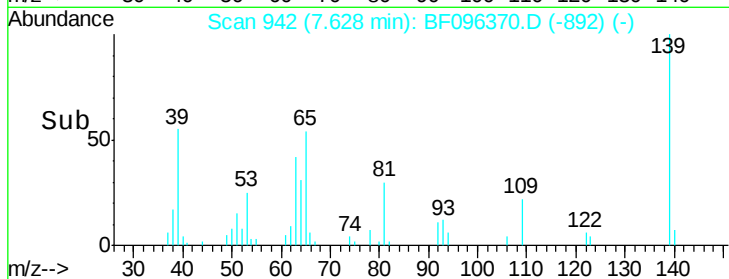
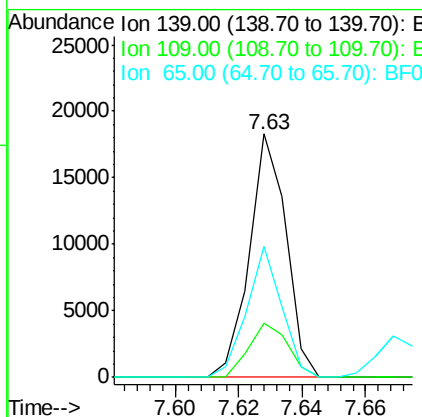
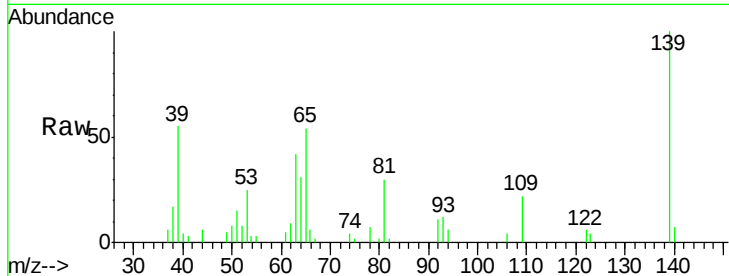
#26
2-Nitrophenol
Concen: 3.391 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	22.0	21.0	31.6
65	53.7	33.0	49.6

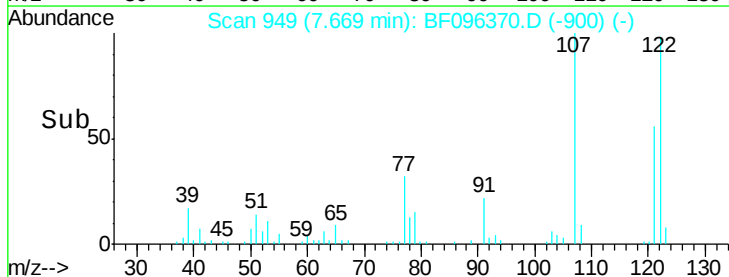
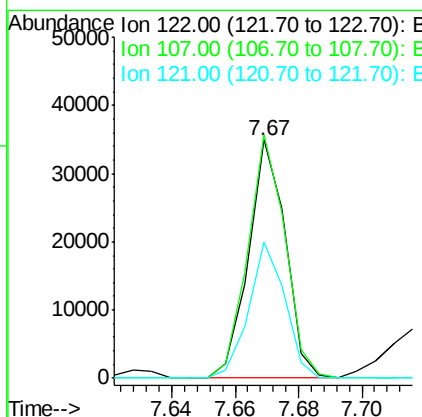
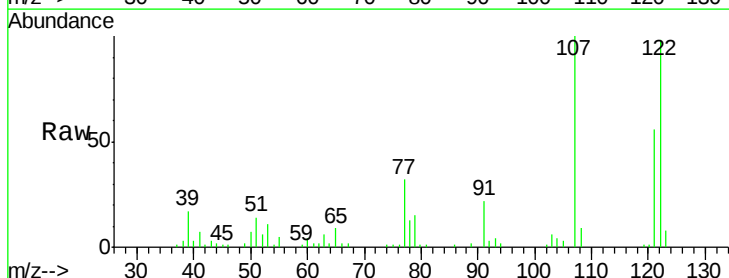
Manual Integrations
APPROVED

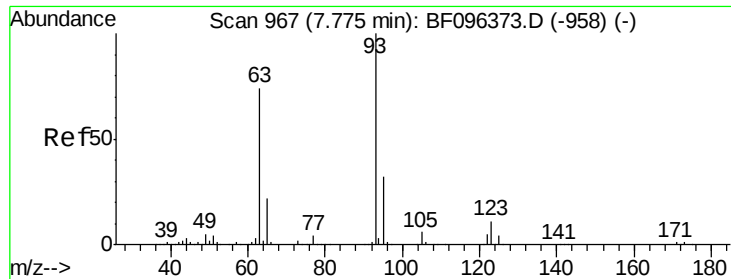
mohammad
7/3/2017 3:57:21 PM



#27
2,4-Dimethylphenol
Concen: 2.918 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
107	102.2	89.2	133.8
121	57.4	45.2	67.8





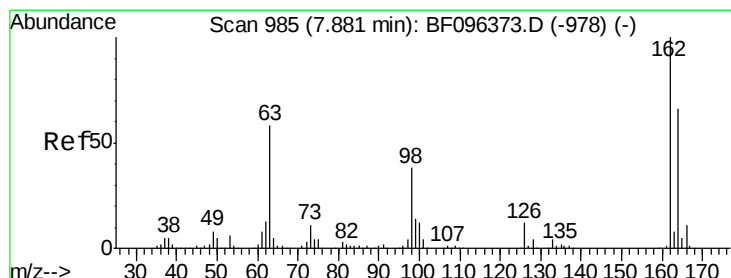
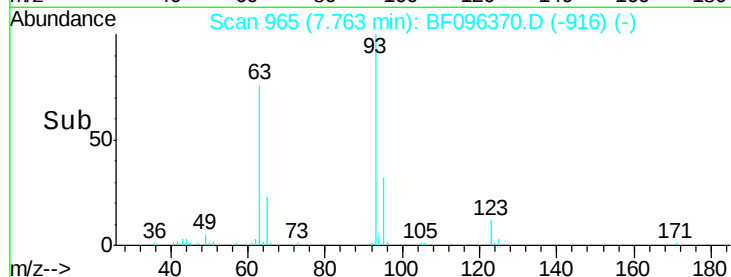
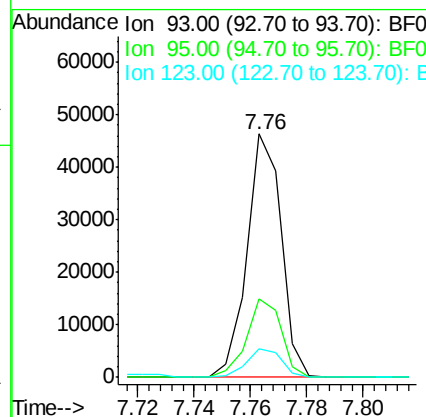
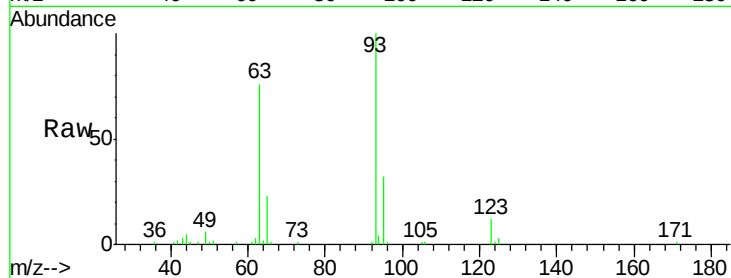
#28
bis(2-Chloroethoxy)methane
Concen: 2.692 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.3	26.5	39.7	
123	11.6	9.0	13.4	

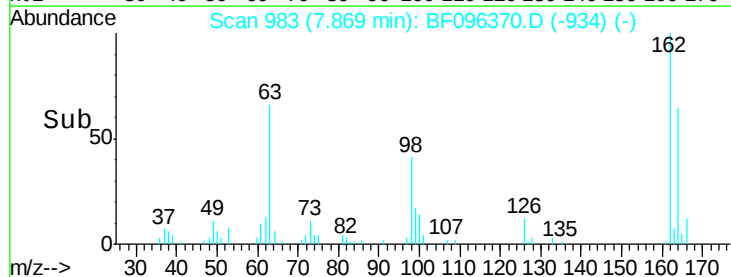
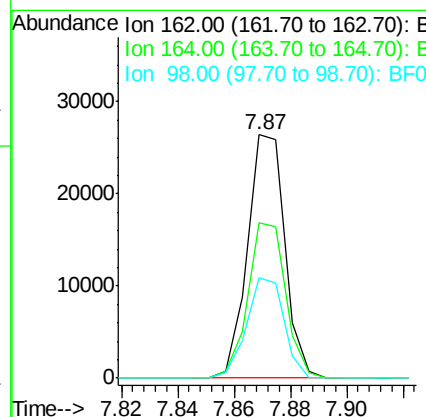
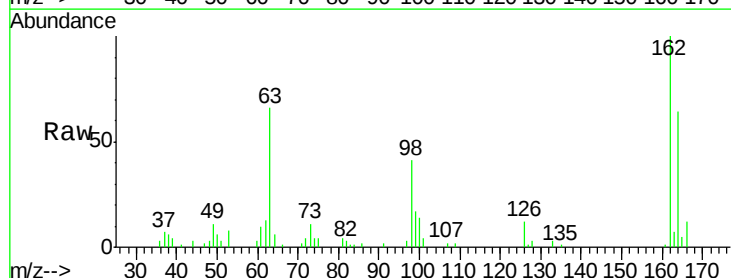
Manual Integrations
APPROVED

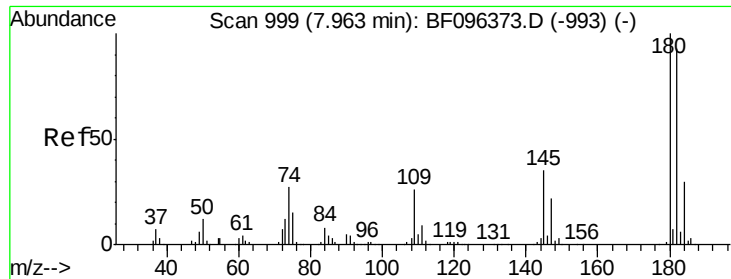
mohammad
7/3/2017 3:57:21 PM



#29
2,4-Dichlorophenol
Concen: 2.950 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.5	44.6	84.6	
98	41.0	14.8	54.8	





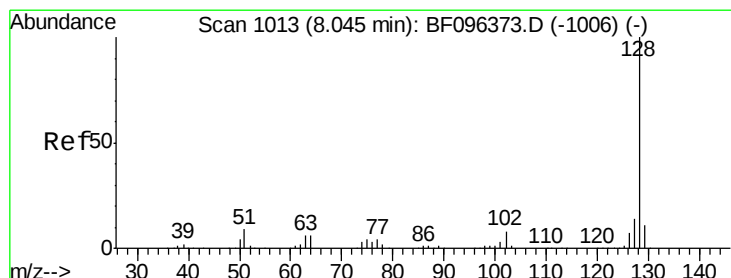
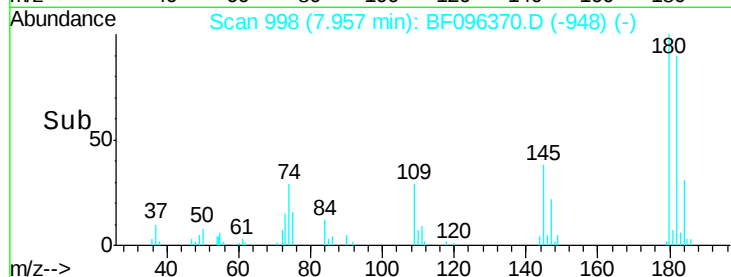
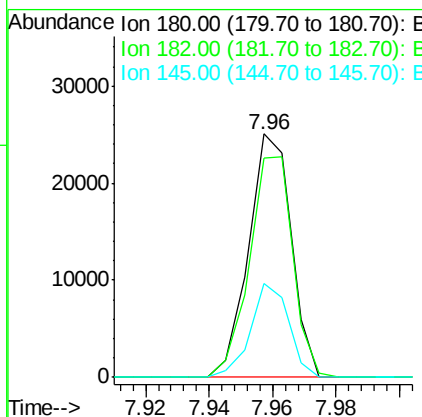
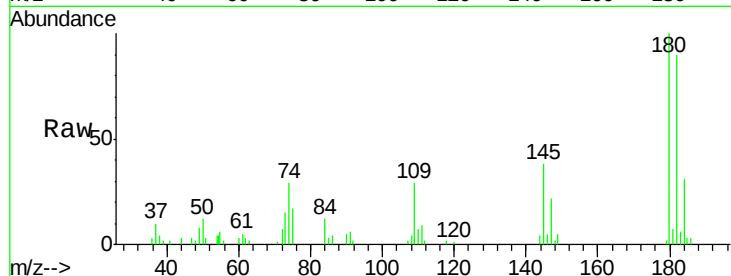
#30
 1,2,4-Trichlorobenzene
 Concen: 2.868 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	75.8	113.6
145	38.3	25.3	37.9#

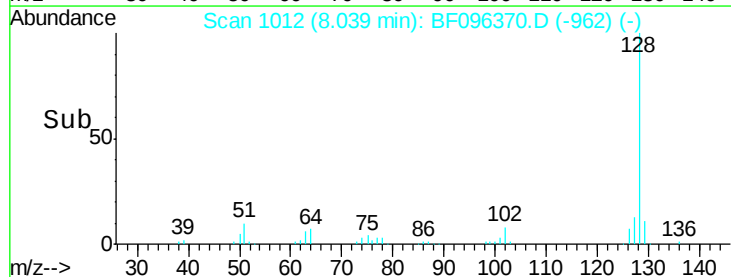
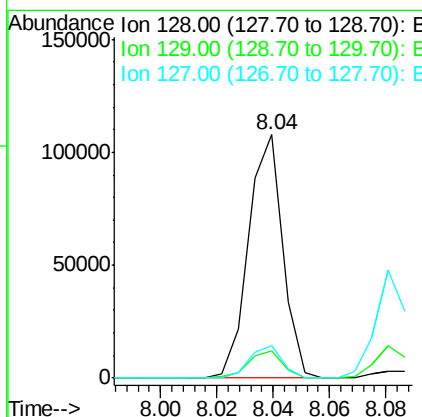
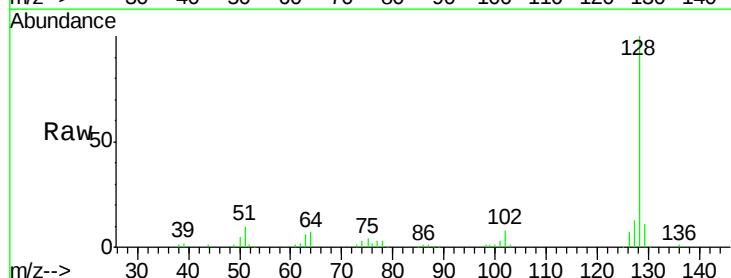
Manual Integrations
 APPROVED

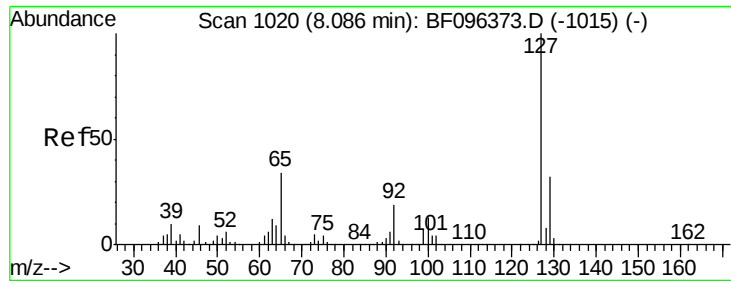
mohammad
 7/3/2017 3:57:21 PM



#31
 Naphthalene
 Concen: 2.891 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.8	16.2





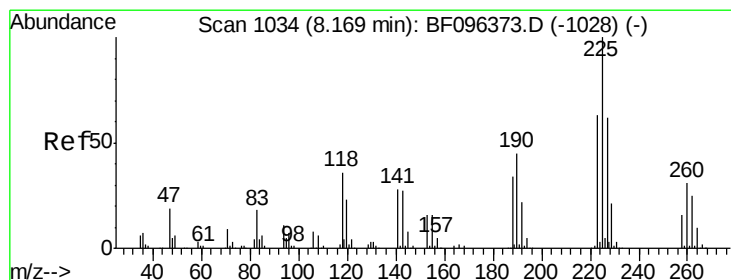
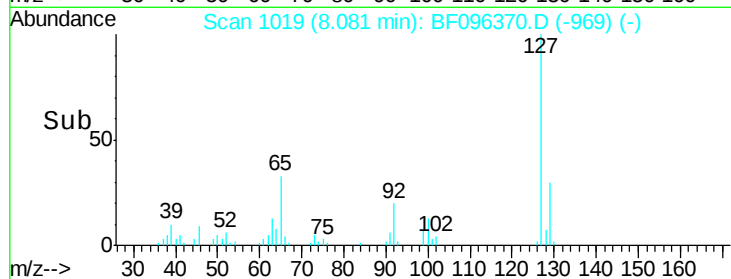
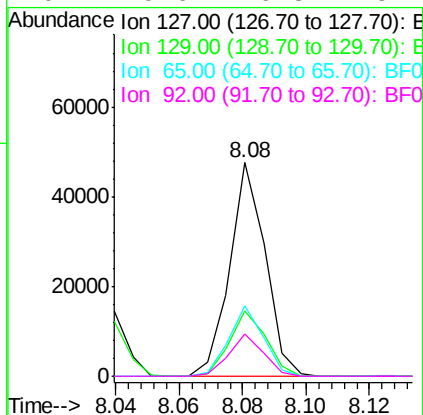
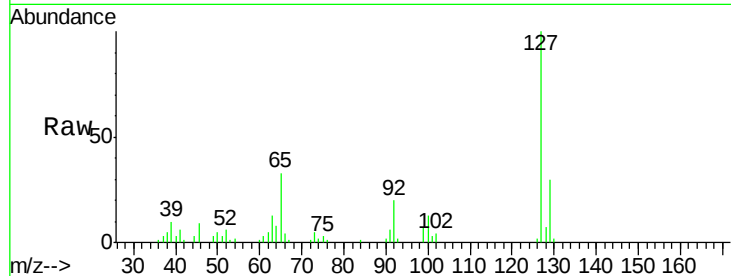
#33
4-Chloroaniline
Concen: 2.827 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	36625		
129	30.5	26.2	39.2	
65	33.1	27.8	41.8	
92	19.6	16.8	25.2	

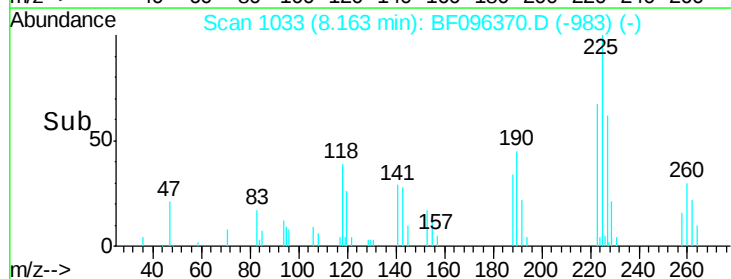
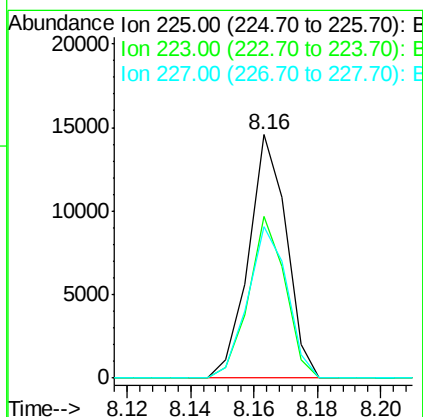
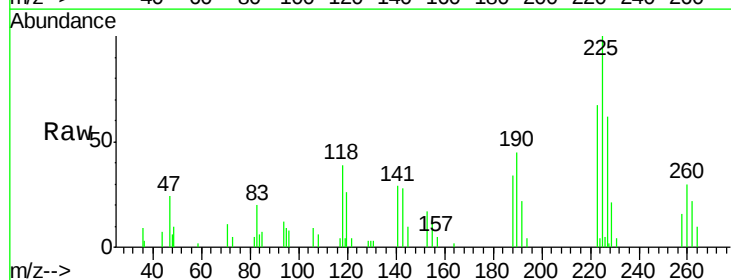
Manual Integrations
APPROVED

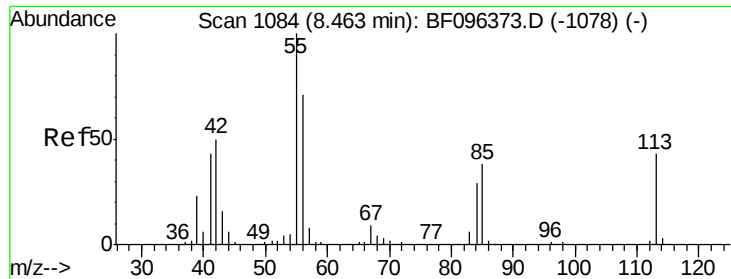
mohammad
7/3/2017 3:57:21 PM



#34
Hexachlorobutadiene
Concen: 2.985 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12067		
223	66.5	48.8	73.2	
227	62.1	51.1	76.7	





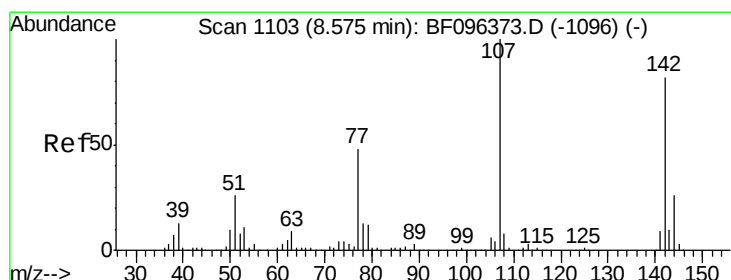
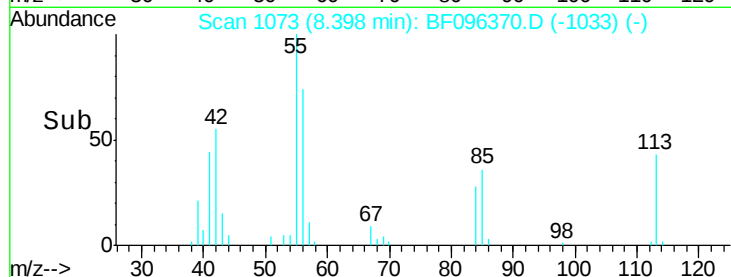
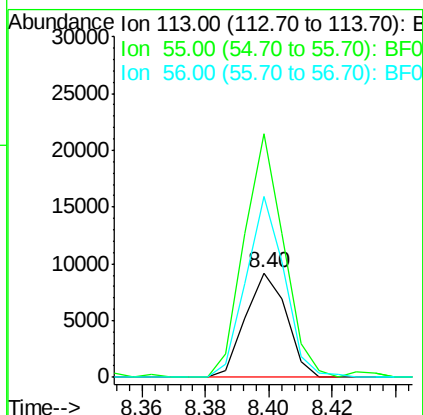
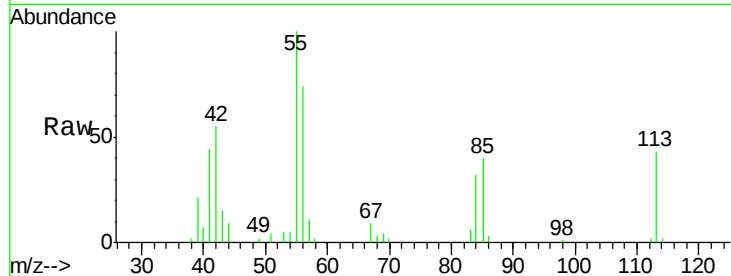
#35
 Caprolactam
 Concen: 2.895 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.06 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:113 Resp: 8214
 Ion Ratio Lower Upper
 113 100
 55 232.9 150.2 190.2#
 56 172.9 107.8 147.8#

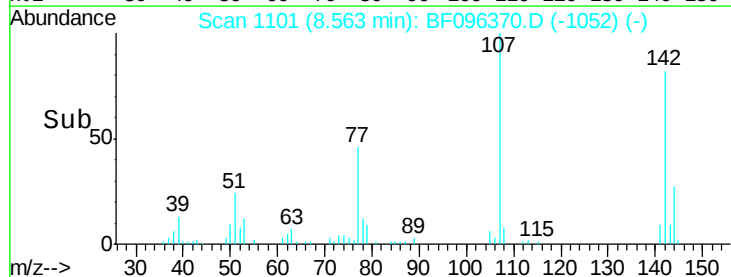
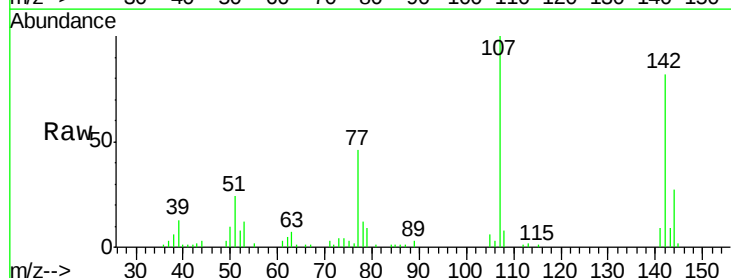
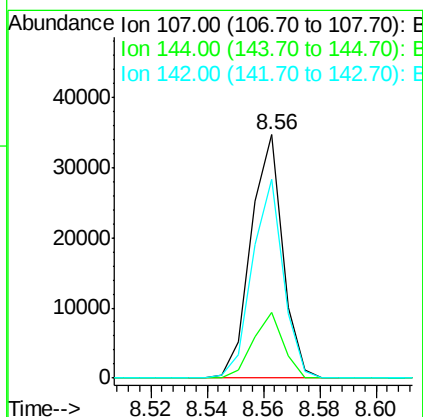
Manual Integrations
 APPROVED

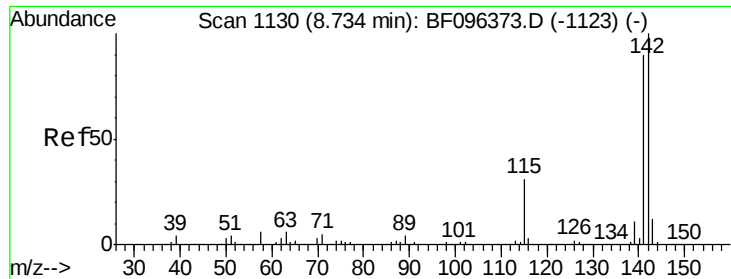
mohammad
 7/3/2017 3:57:21 PM



#36
 4-Chloro-3-methylphenol
 Concen: 3.034 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion:107 Resp: 27099
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 81.9 73.4 110.0





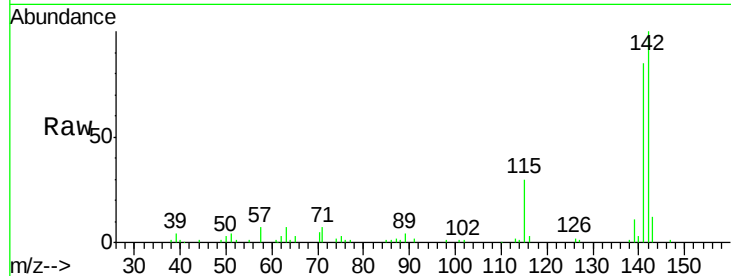
#37
 2-Methylnaphthalene
 Concen: 2.825 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

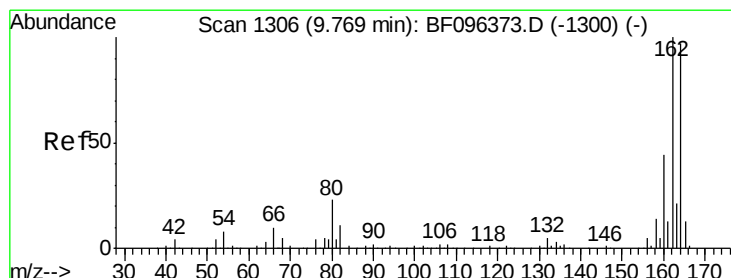
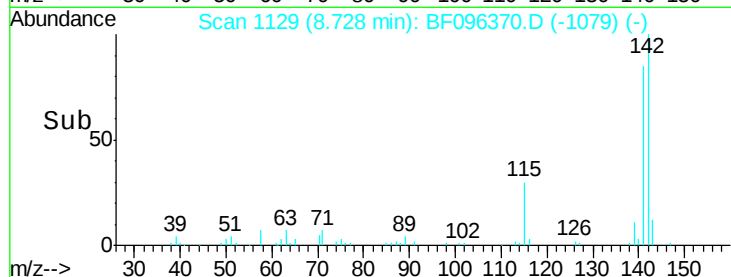
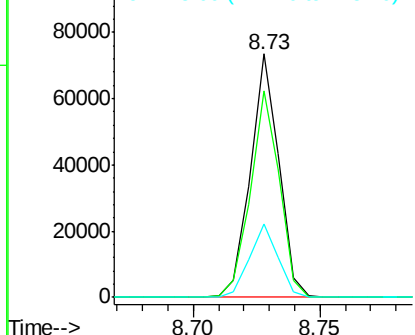
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.8	71.3	106.9
115	30.2	27.1	40.7

Manual Integrations
 APPROVED

mohammad
 7/3/2017 3:57:21 PM



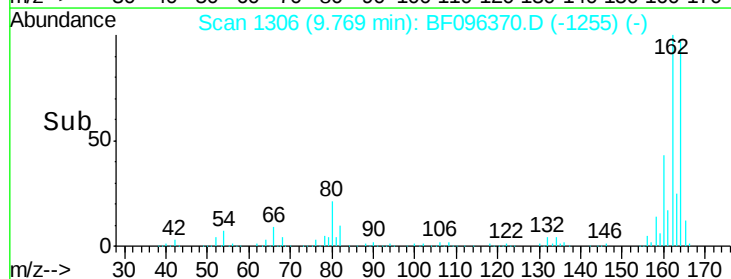
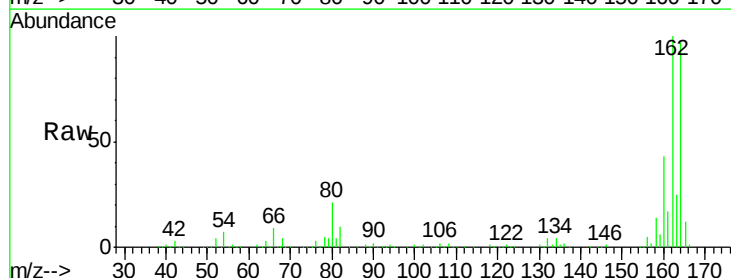
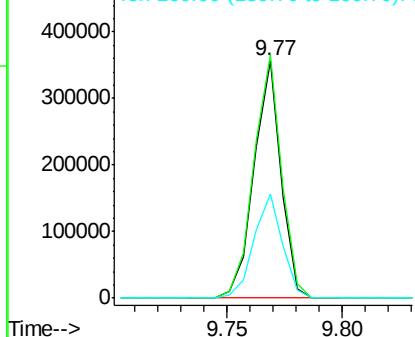
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

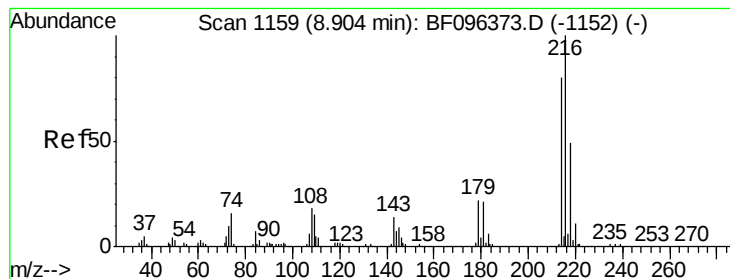


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.1	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: 3.257 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

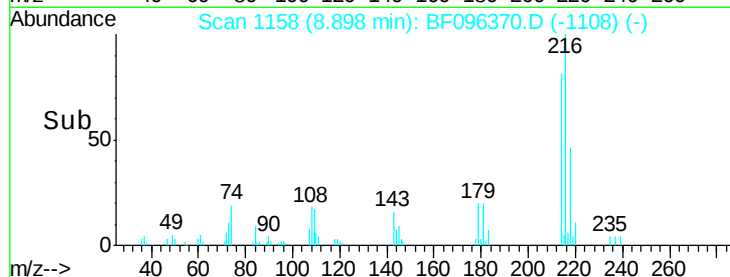
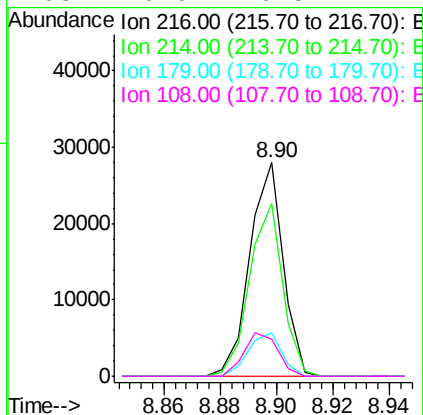
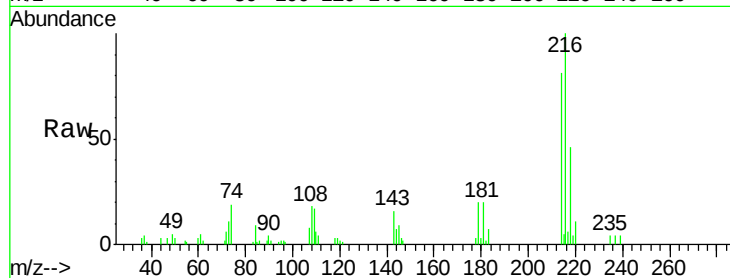
ClientSampleId :

SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.2
179	20.4	17.9	26.9
108	20.9	16.5	24.7

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#40

Hexachlorocyclopentadiene

Concen: 2.490 ng

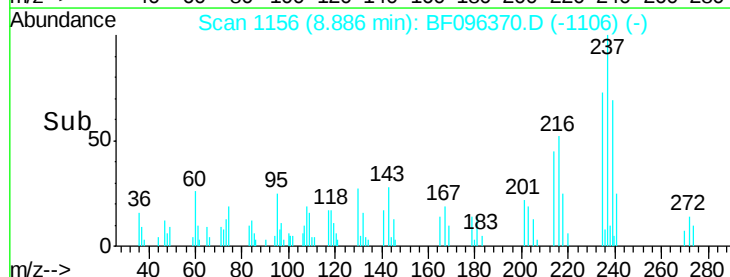
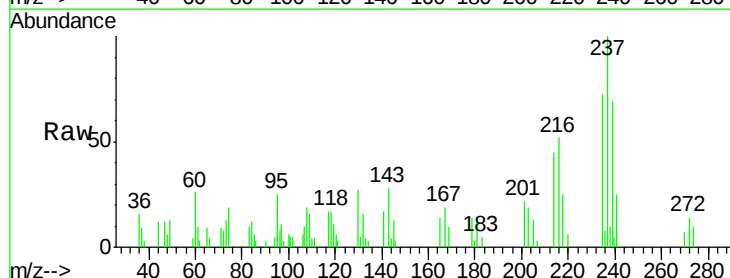
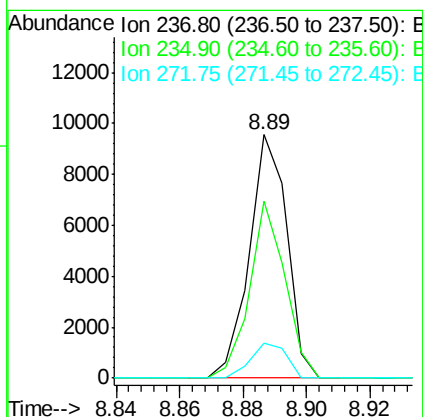
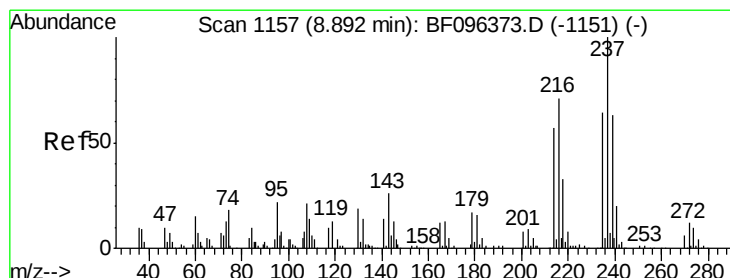
RT: 8.89 min Scan# 1156

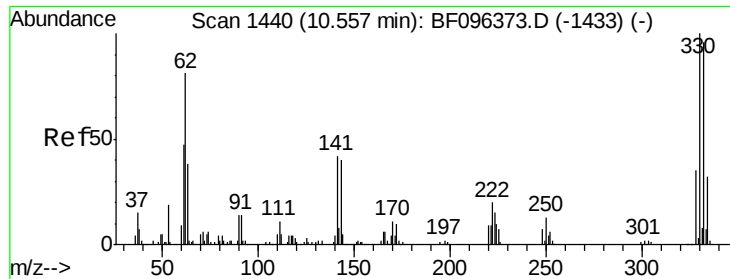
Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
237	100		
235	72.7	42.6	82.6
272	14.5	0.0	31.9





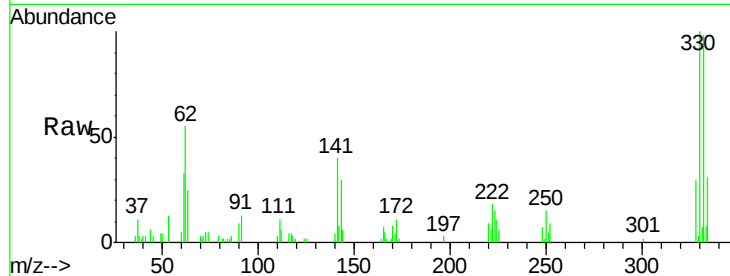
#41
 2,4,6-Tribromophenol
 Concen: 5.848 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	45.2	31.4	47.2

Manual Integrations
 APPROVED

mohammad
 7/3/2017 3:57:21 PM

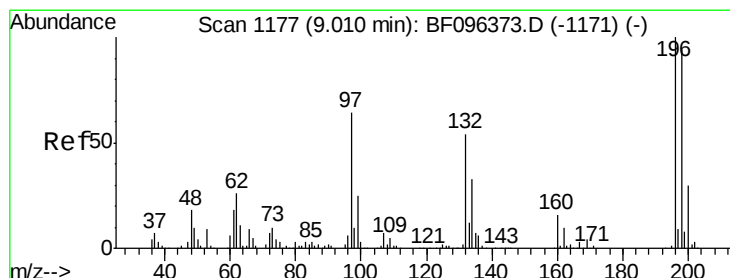
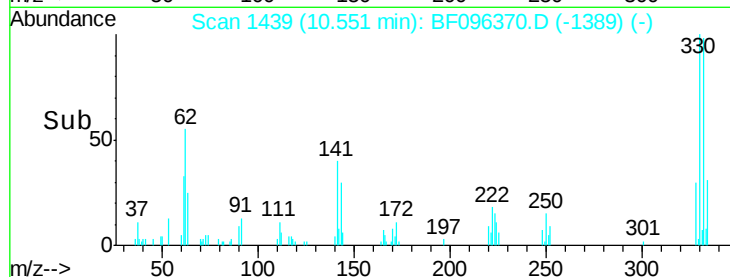
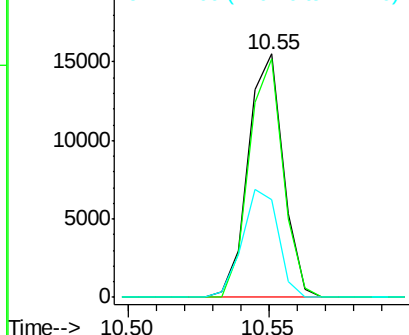


Abundance

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: 3.084 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

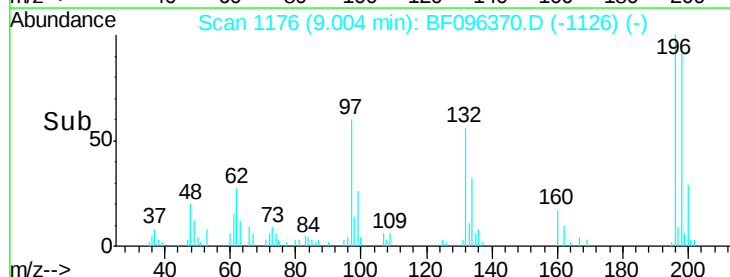
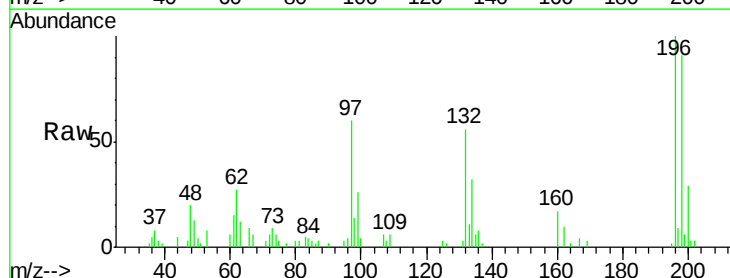
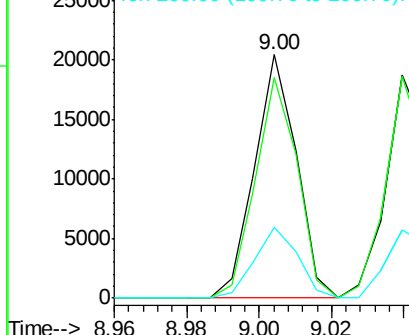
Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.5	74.2	111.4
200	29.3	24.0	36.0

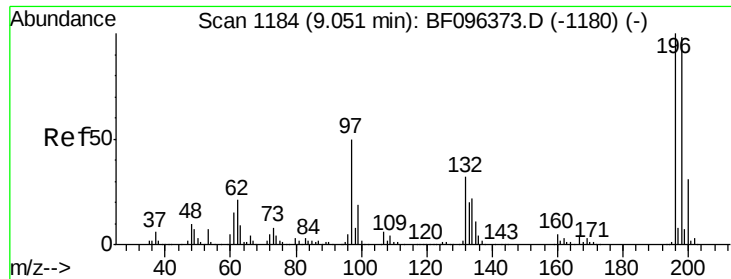
Abundance

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





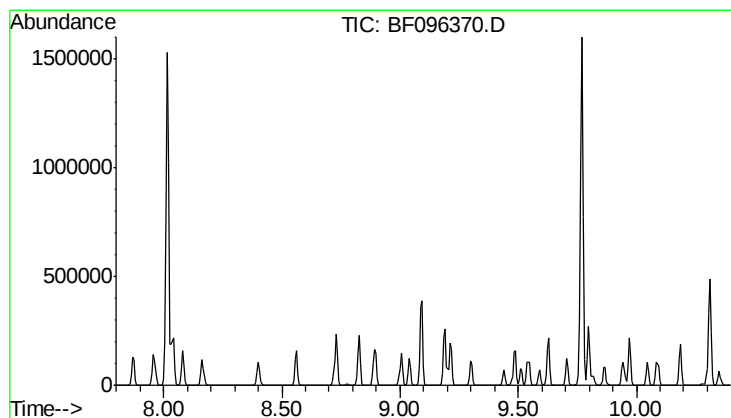
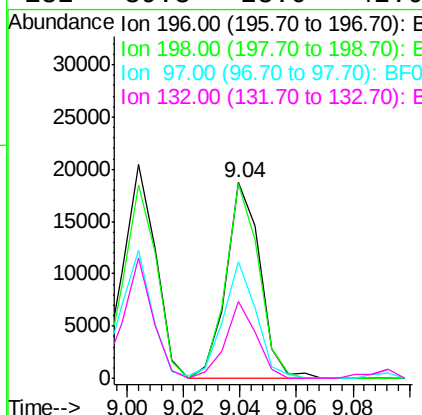
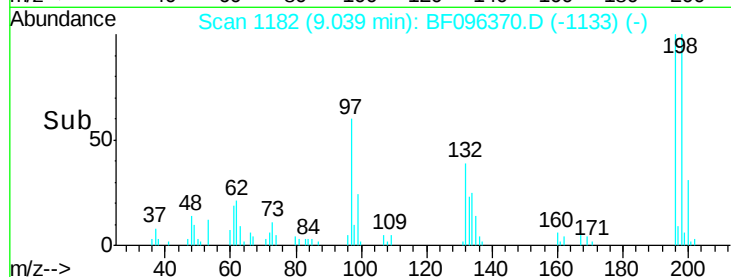
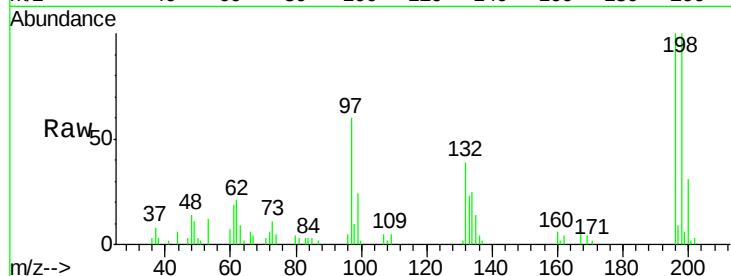
#43
 2,4,5-Trichlorophenol
 Concen: 2.818 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:	196	Resp:	15744
Ion Ratio	Lower	Upper	
196	100		
198	99.7	75.7	113.5
97	59.9	47.7	71.5
132	39.3	28.0	42.0

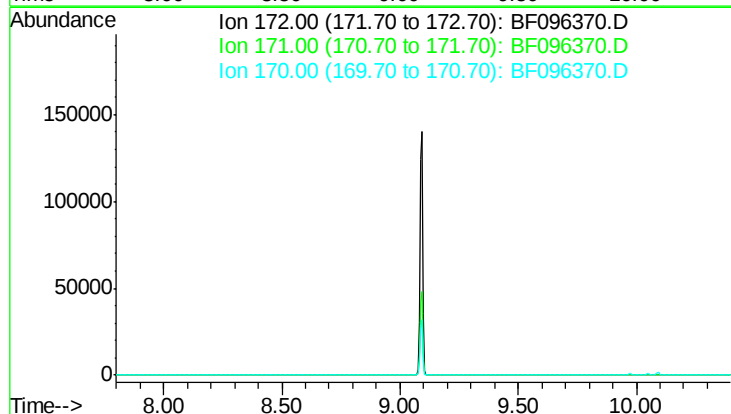
Manual Integrations
 APPROVED

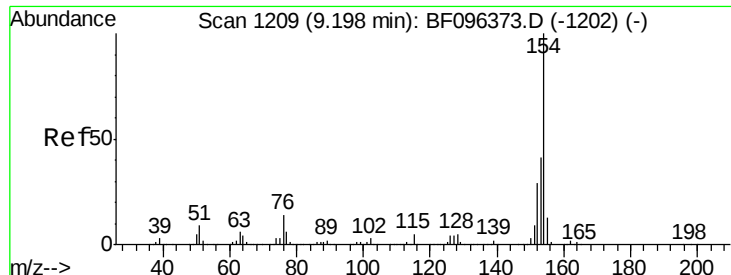
mohammad
 7/3/2017 3:57:21 PM



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.10 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion:	172
Sig	Exp Ratio
172	100
171	37.0
170	24.8





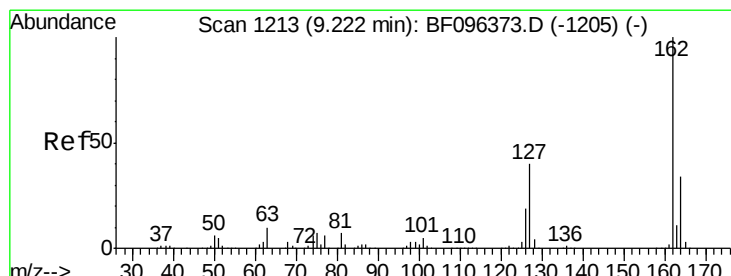
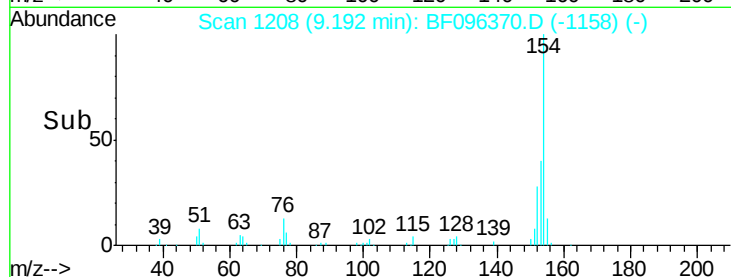
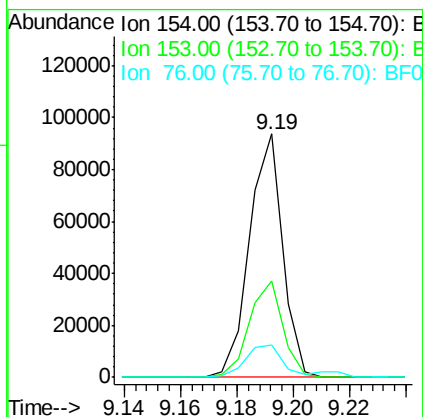
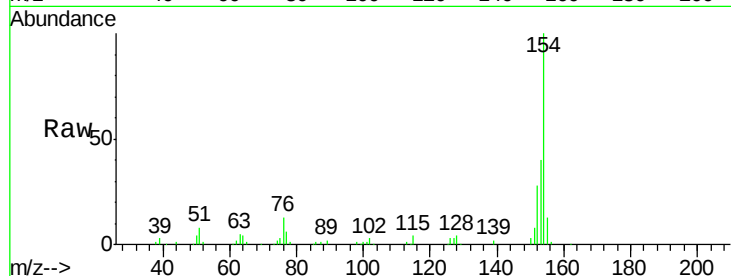
#45
 1,1'-Biphenyl
 Concen: 3.417 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	39.8	21.2	61.2
76	13.3	0.0	29.9

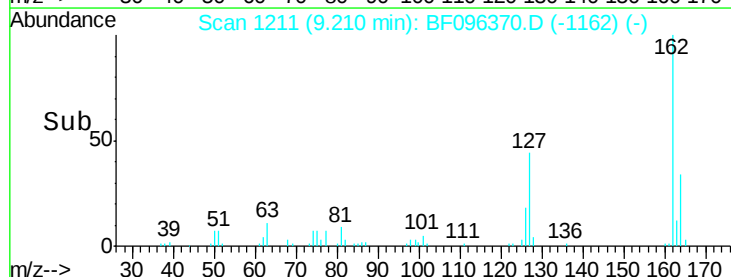
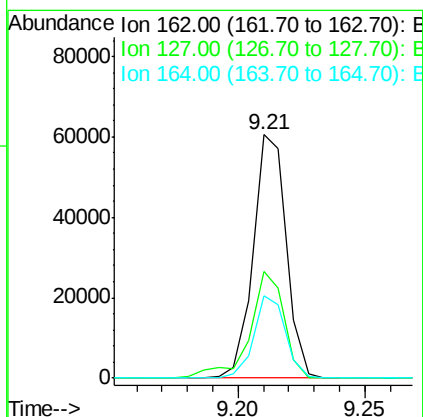
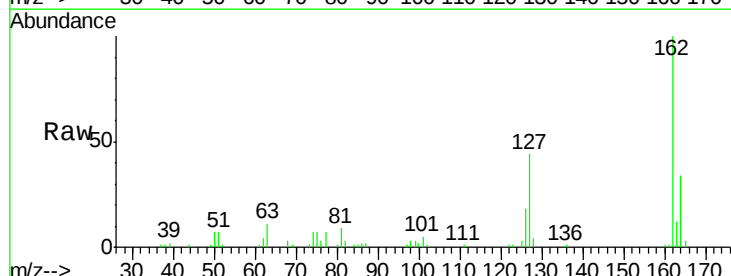
Manual Integrations
 APPROVED

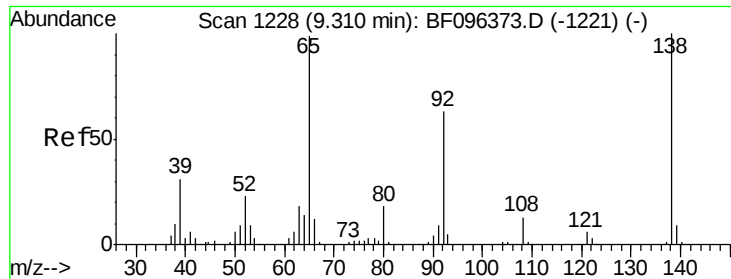
mohammad
 7/3/2017 3:57:21 PM



#46
 2-Chloronaphthalene
 Concen: 2.967 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	43.7	28.3	42.5#
164	33.9	27.0	40.4





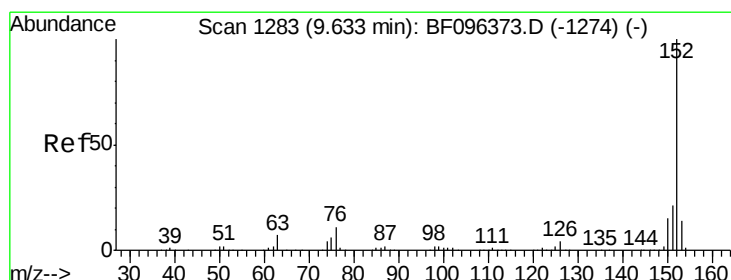
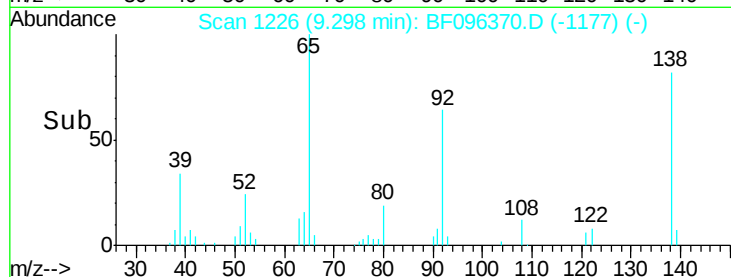
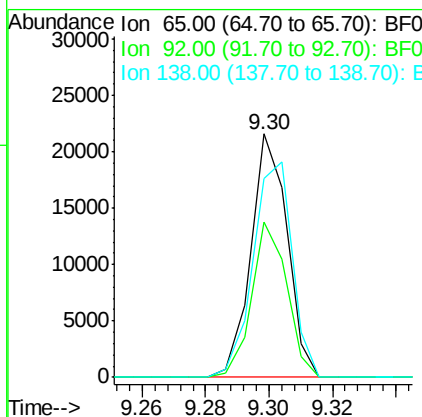
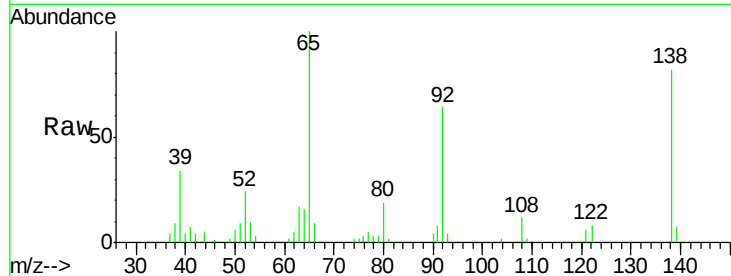
#47
2-Nitroaniline
Concen: 2.933 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	53.9	80.9
138	81.6	78.8	118.2

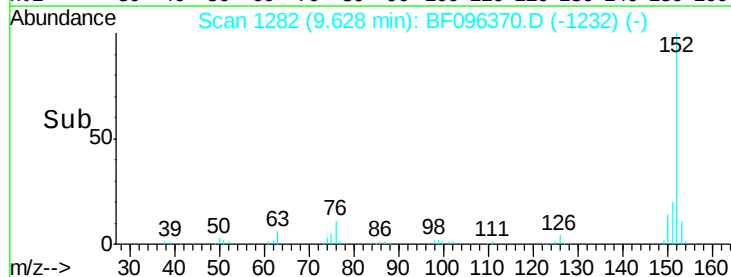
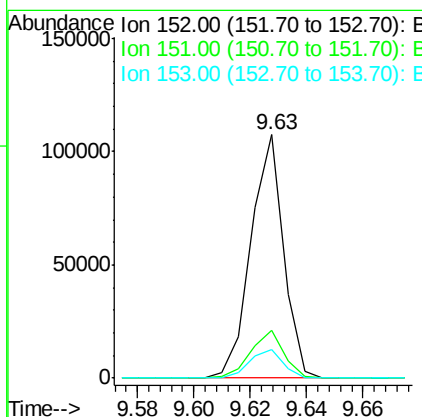
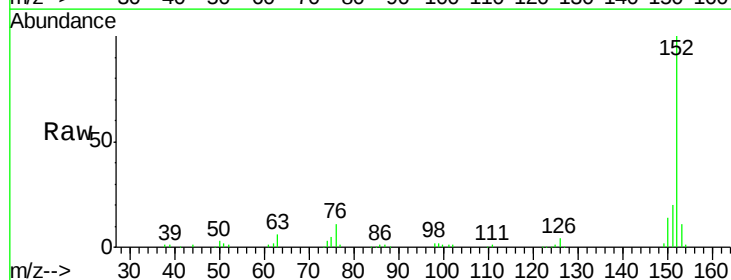
Manual Integrations
APPROVED

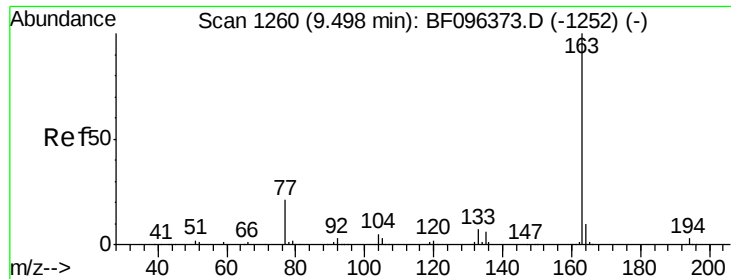
mohammad
7/3/2017 3:57:21 PM



#48
Acenaphthylene
Concen: 2.804 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	11.5	10.8	16.2





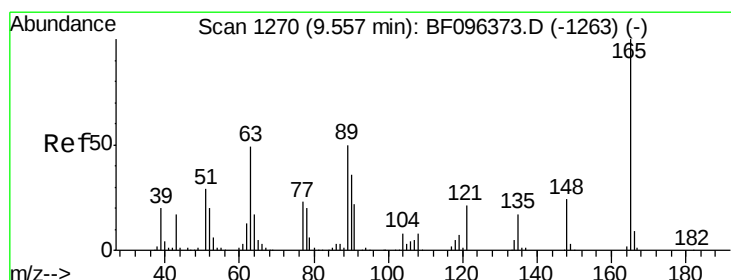
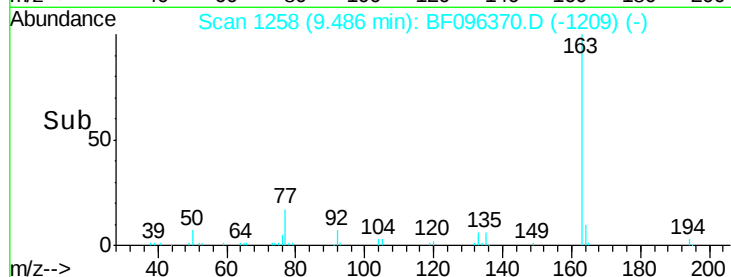
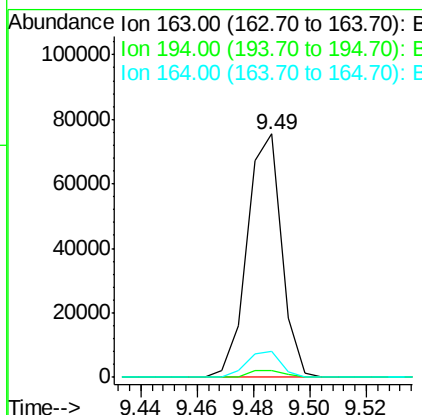
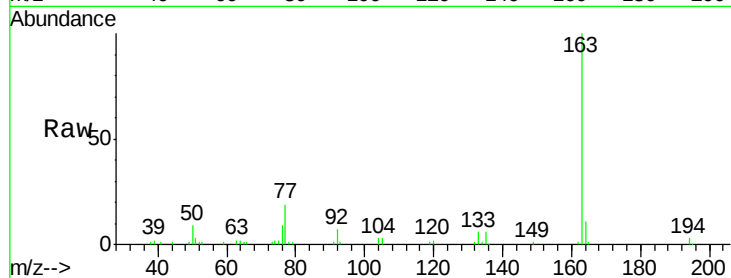
#49
Dimethylphthalate
Concen: 3.061 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	10.8	8.4	12.6

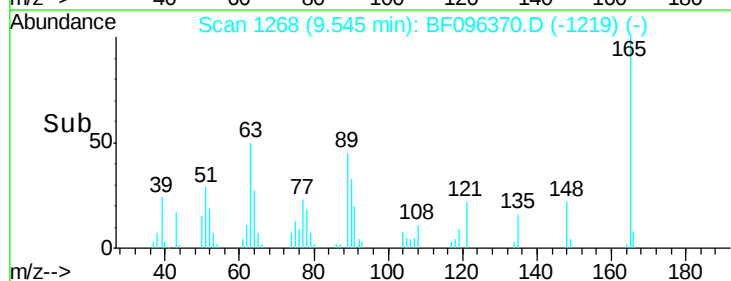
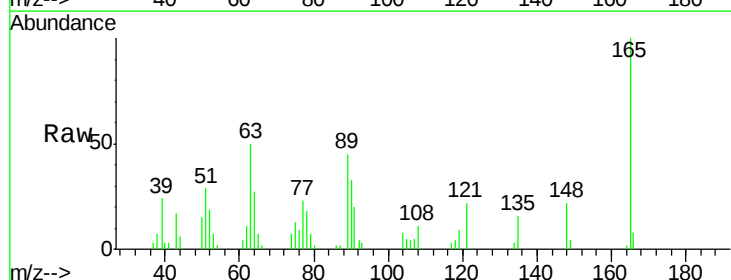
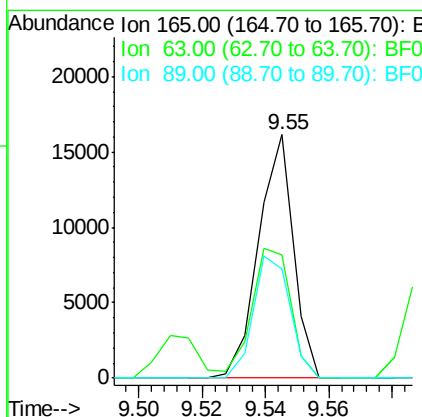
Manual Integrations
APPROVED

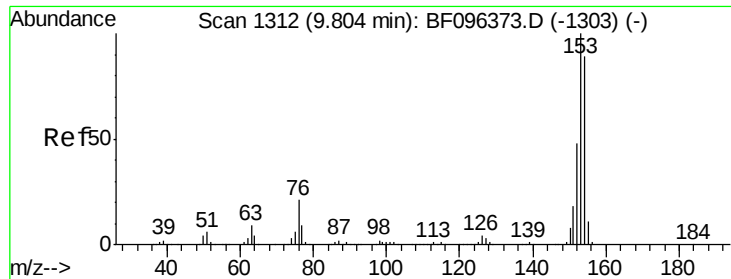
mohammad
7/3/2017 3:57:21 PM



#50
2,6-Dinitrotoluene
Concen: 2.861 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.5	34.3	51.5
89	44.6	37.1	55.7





#51

Acenaphthene

Concen: 2.974 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

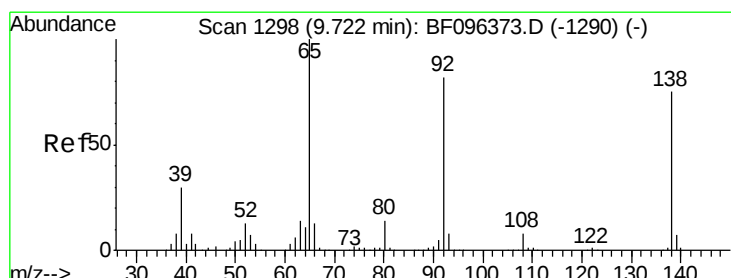
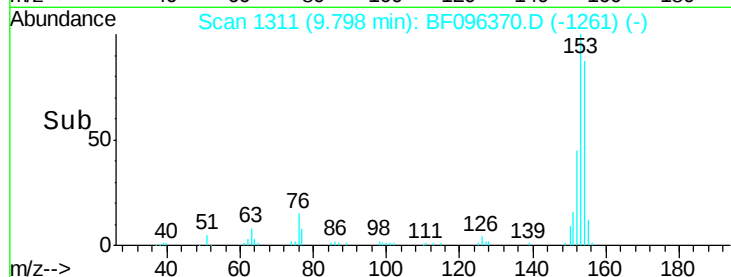
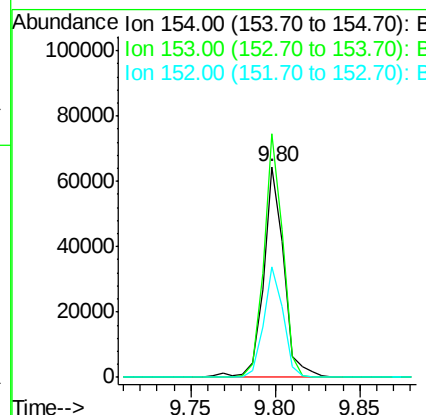
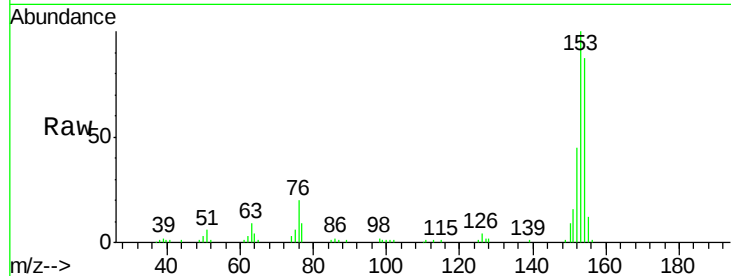
ClientSampleId :

SSTDICC2.5

Tgt Ion:	154	Resp:	53693
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.5	135.7
152	52.3	43.6	65.4

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#52

3-Nitroaniline

Concen: 2.897 ng

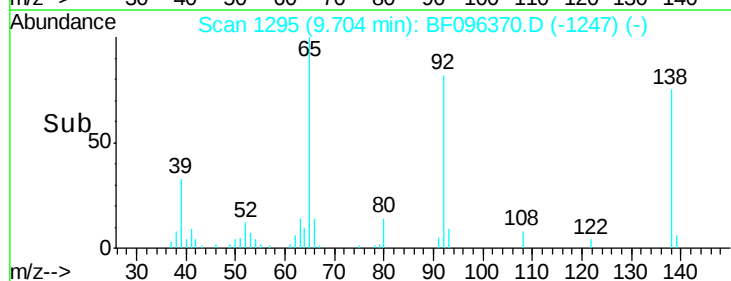
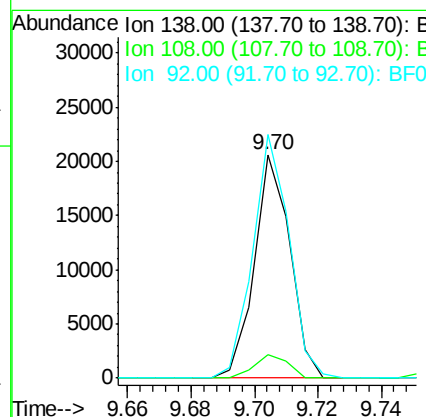
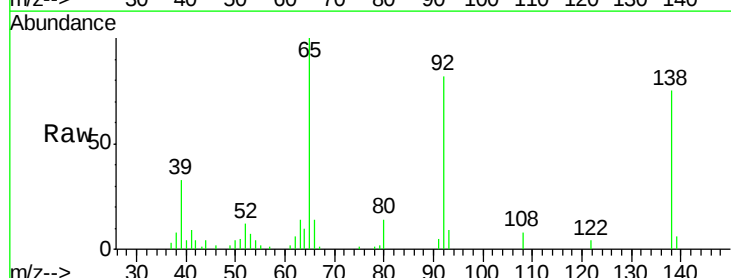
RT: 9.70 min Scan# 1295

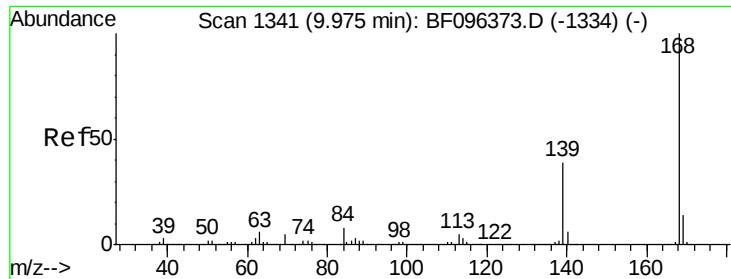
Delta R.T. -0.02 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Tgt Ion:	138	Resp:	16042
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.1	13.7
92	108.9	93.8	140.6





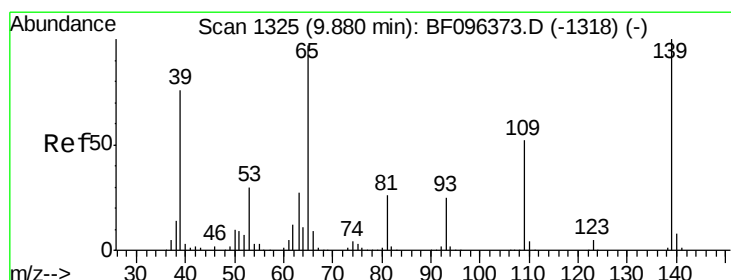
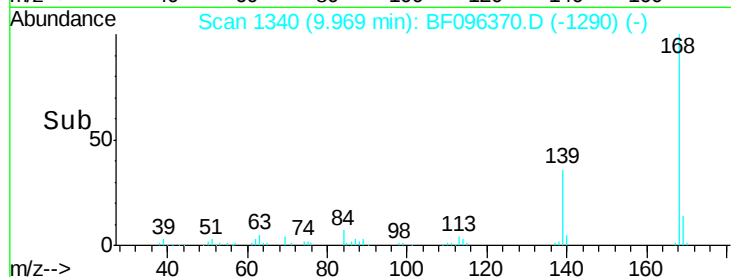
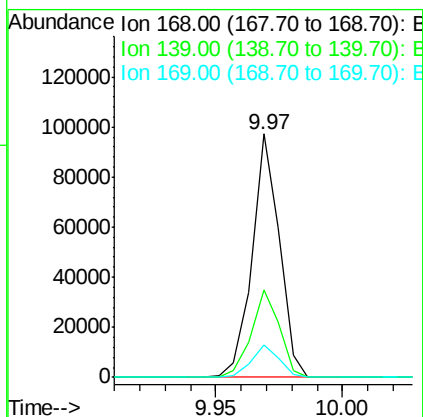
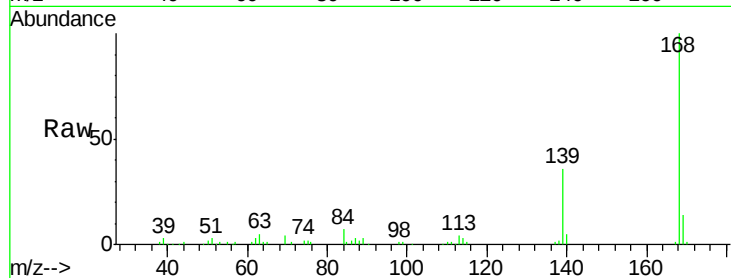
#54
Dibenzenofuran
Concen: 3.098 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.6	45.8
169	13.5	10.8	16.2

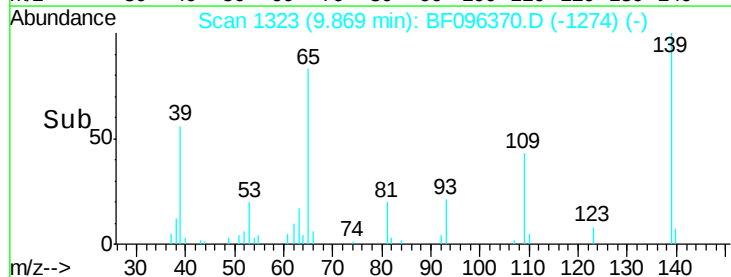
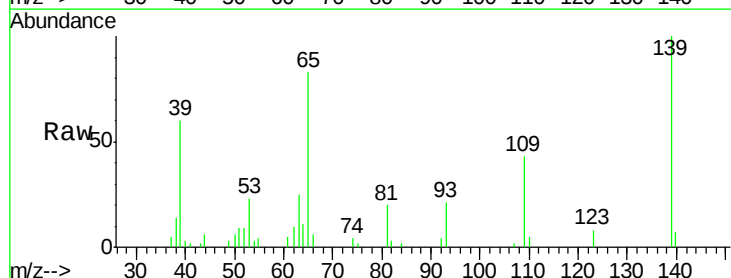
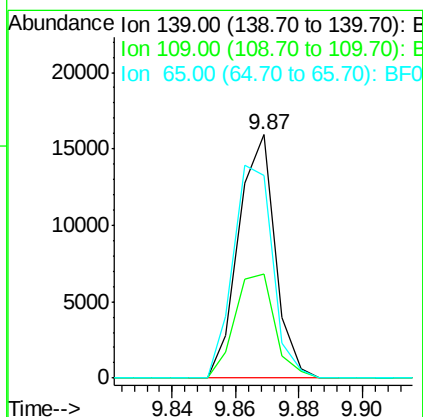
Manual Integrations
APPROVED

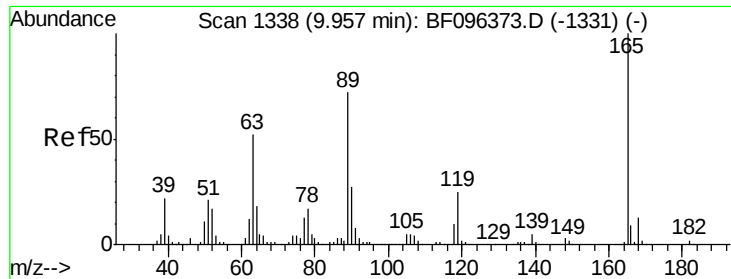
mohammad
7/3/2017 3:57:21 PM



#55
4-Nitrophenol
Concen: 2.841 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.8	34.1	74.1
65	83.2	31.4	71.4#





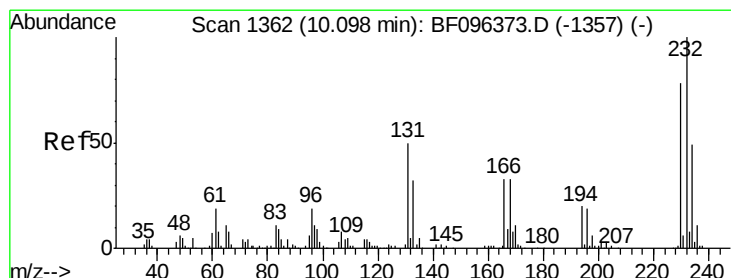
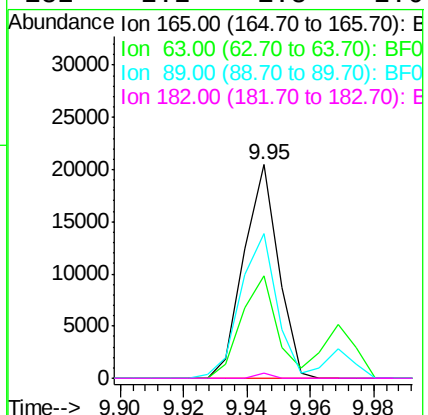
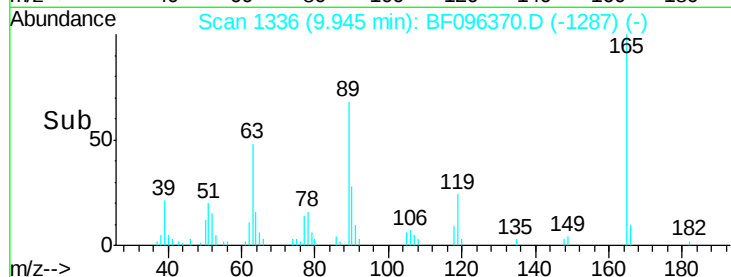
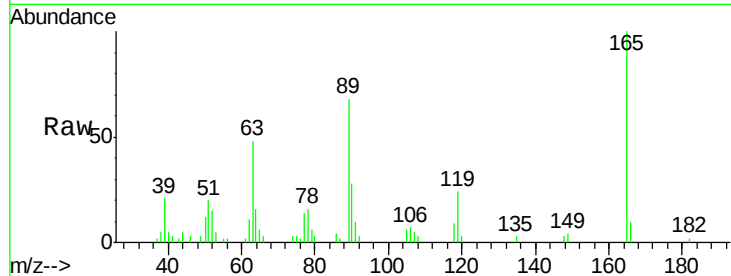
#56
 2,4-Dinitrotoluene
 Concen: 2.840 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.9	25.4	38.0#
89	68.0	46.4	69.6
182	2.2	1.8	2.6

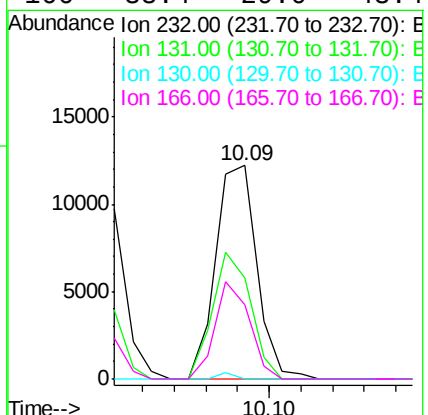
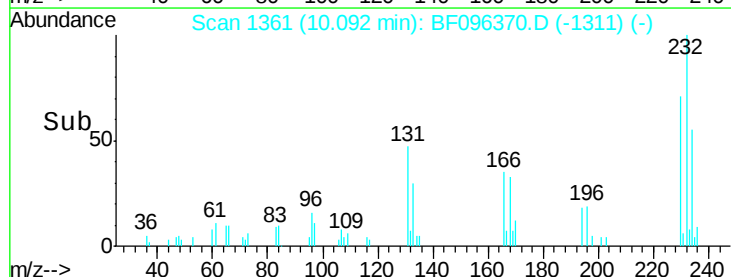
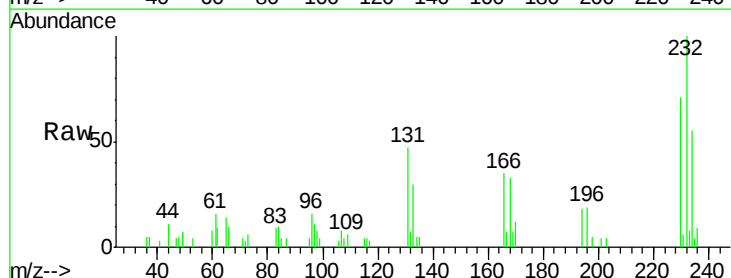
Manual Integrations
 APPROVED

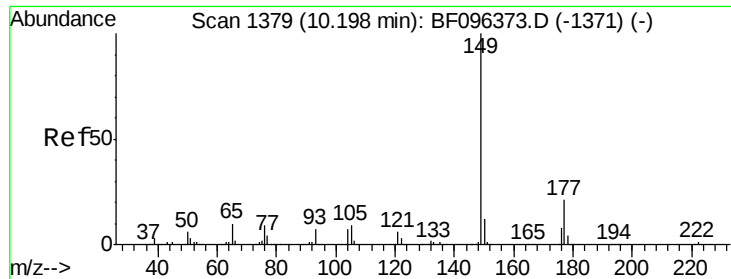
mohammad
 7/3/2017 3:57:21 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.816 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.9	44.8	67.2
130	1.1	2.3	3.5#
166	38.4	29.0	43.4





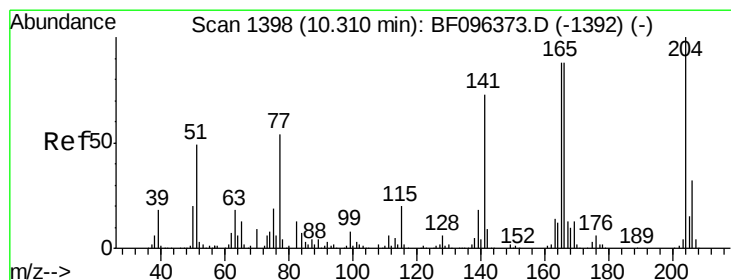
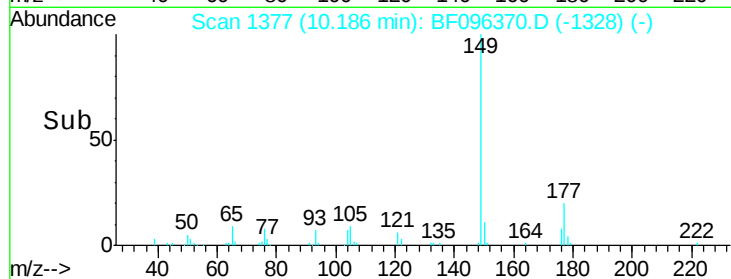
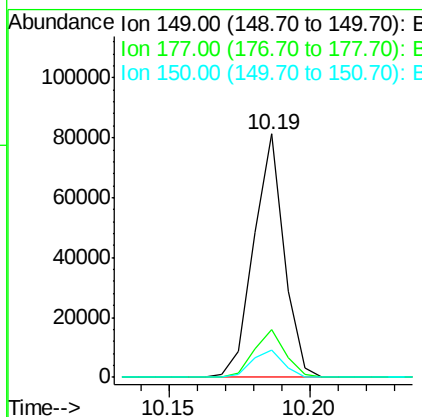
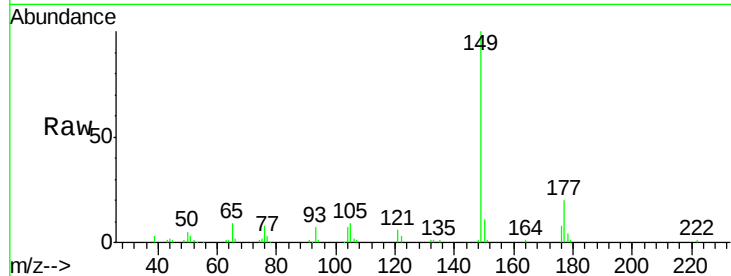
#59
Diethylphthalate
Concen: 2.889 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.7	25.1
150	11.5	10.2	15.2

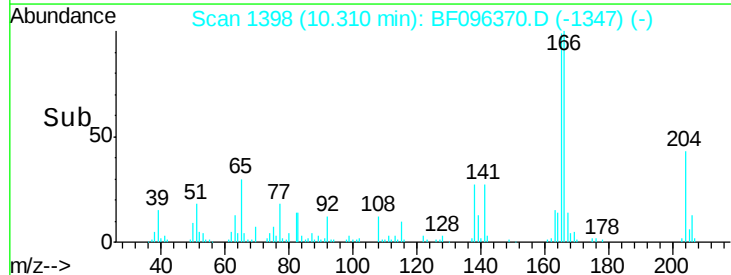
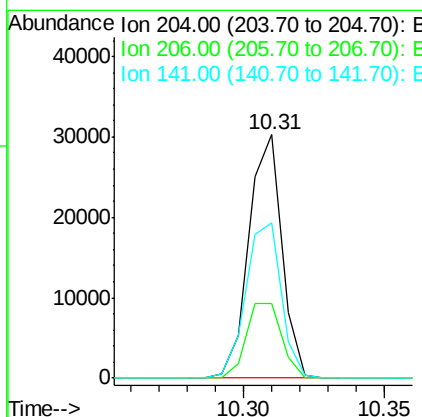
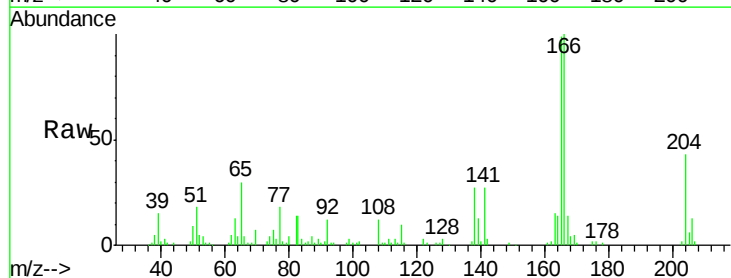
Manual Integrations
APPROVED

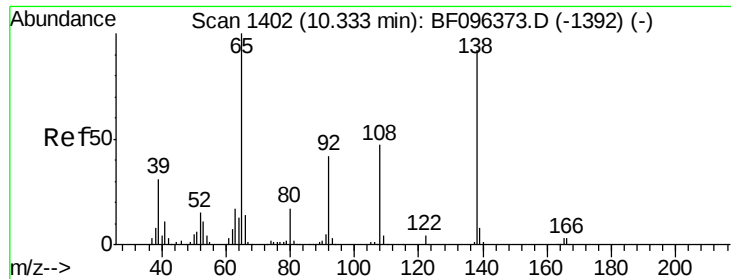
mohammad
7/3/2017 3:57:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 3.539 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

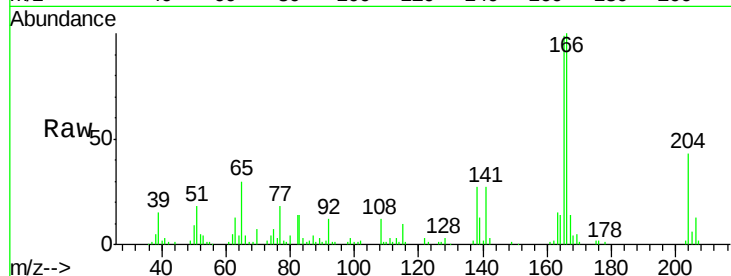
Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.7	26.2	39.2
141	63.9	60.8	91.2





#61
4-Nitroaniline
Concen: 3.124 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

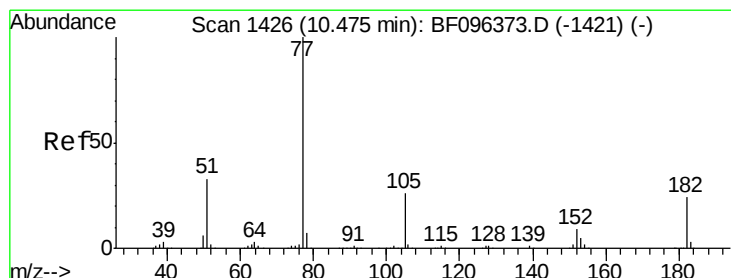
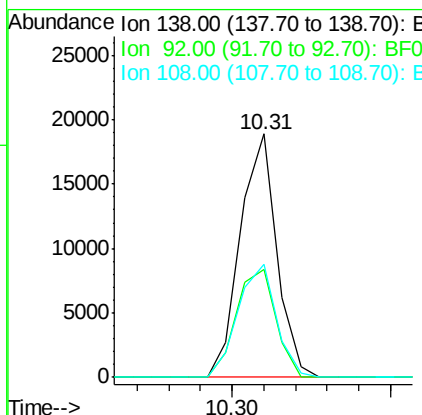
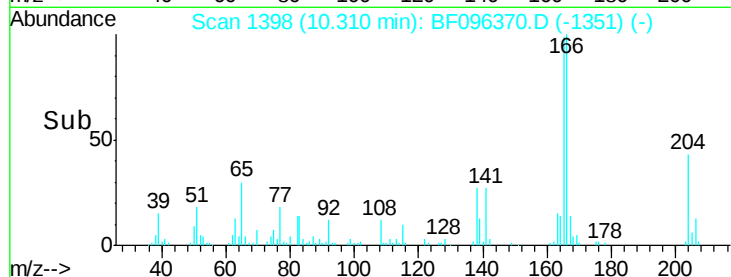
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



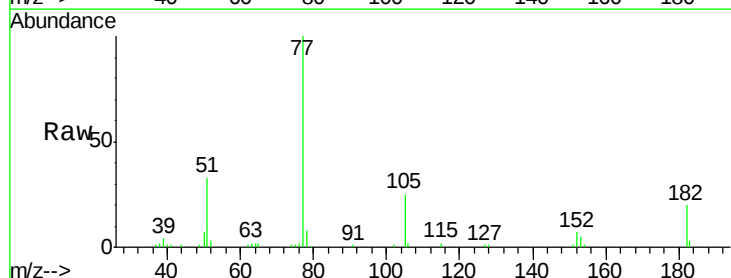
Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.5	21.8	61.8
108	46.3	42.3	82.3

Manual Integrations
APPROVED

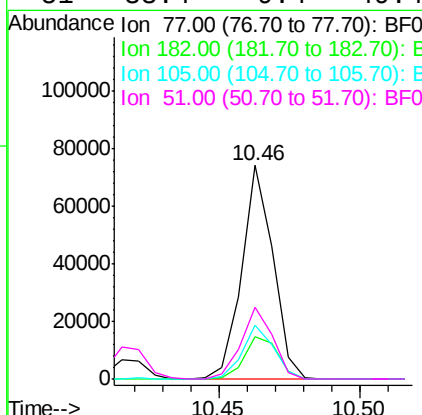
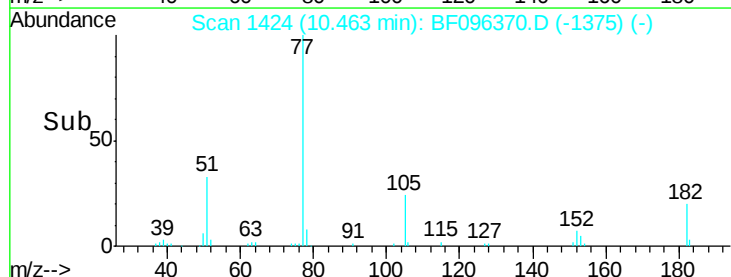
mohammad
7/3/2017 3:57:21 PM

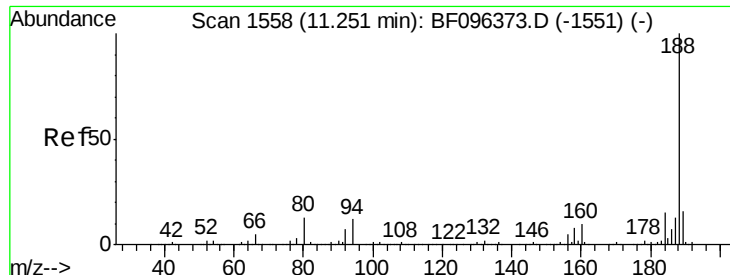


#62
Azobenzene
Concen: 2.710 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08



Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	0.1	40.1
105	25.4	3.6	43.6
51	33.4	9.4	49.4





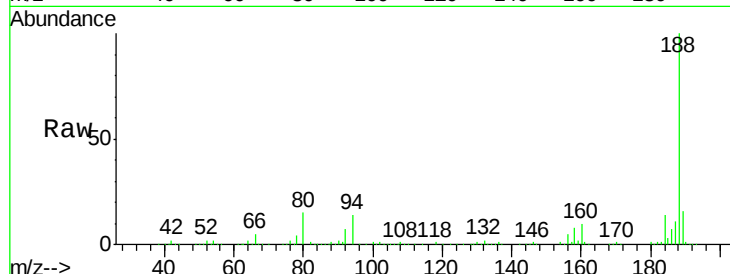
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

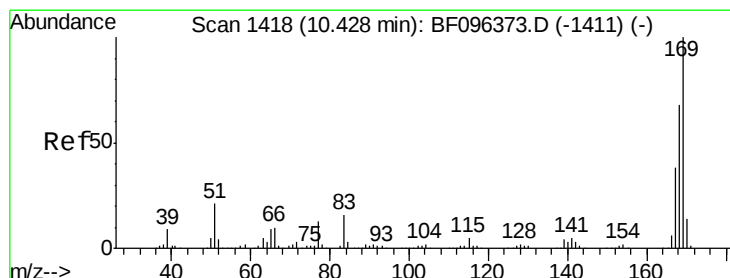
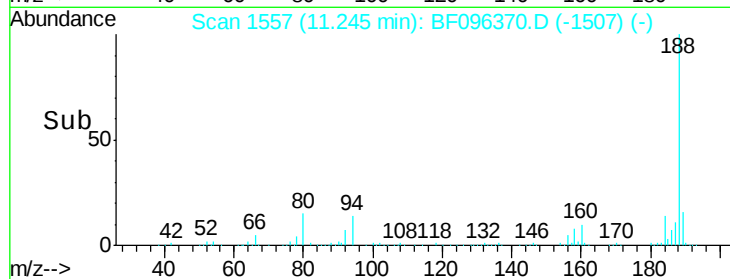
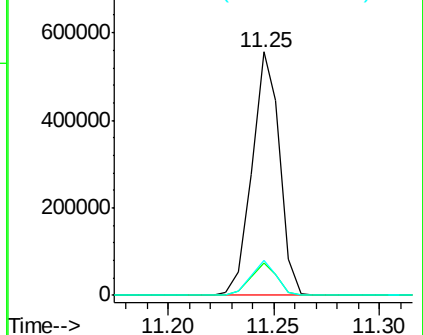
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.6	9.4	14.2
80	14.6	10.2	15.2

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



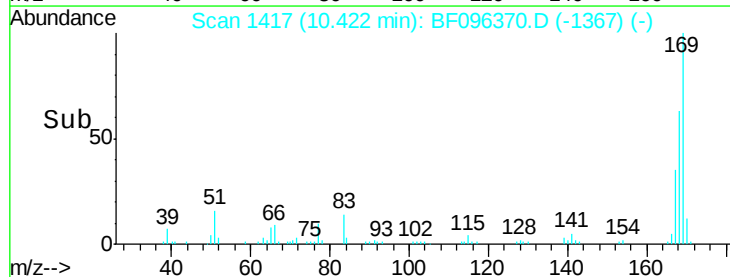
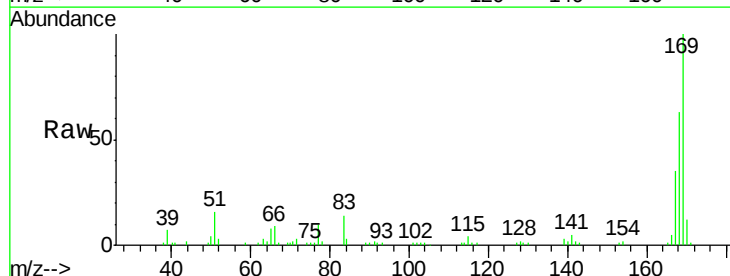
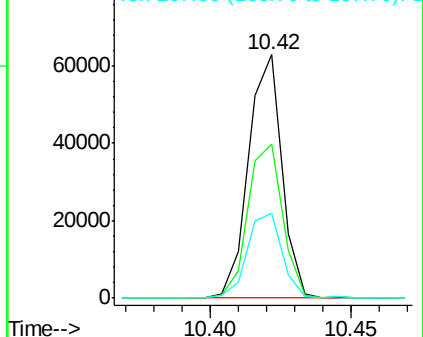
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

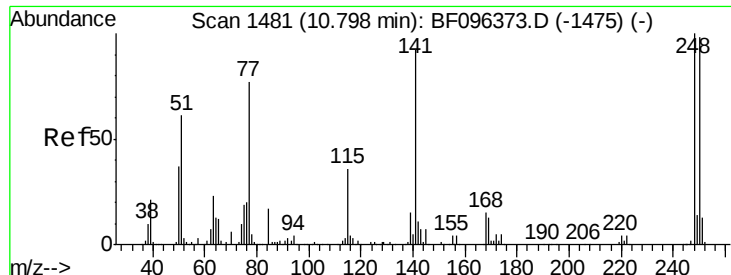


#65
n-Nitrosodiphenylamine
Concen: 2.857 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	63.0	53.2	79.8
167	34.9	29.5	44.3

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





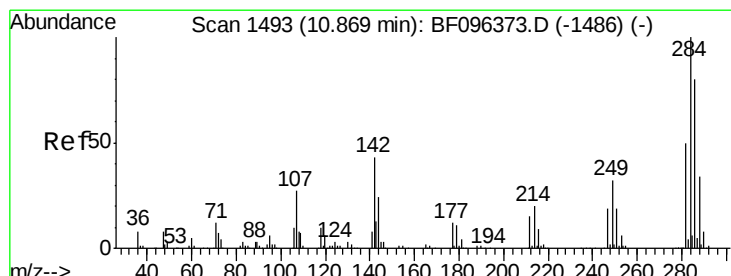
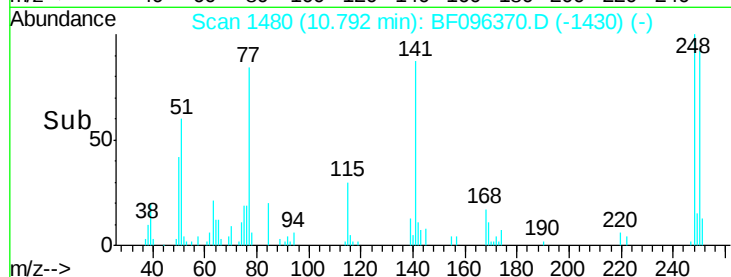
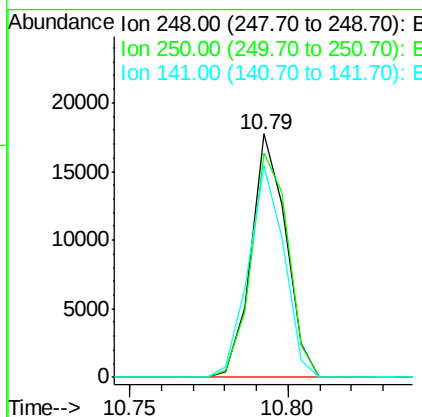
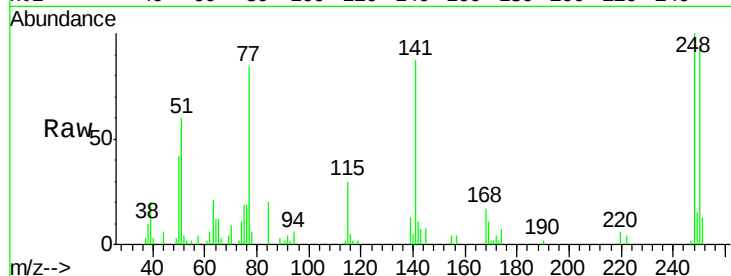
#66
 4-Bromophenyl-phenylether
 Concen: 2.615 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.4	76.8	115.2
141	87.0	68.6	103.0

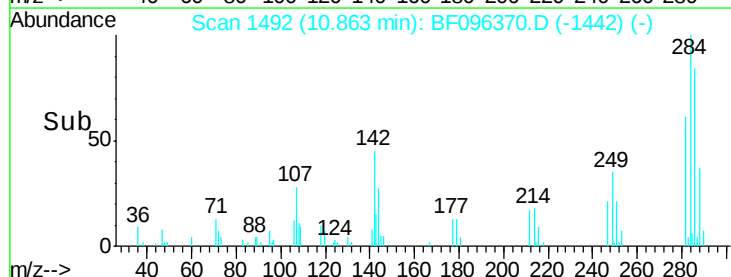
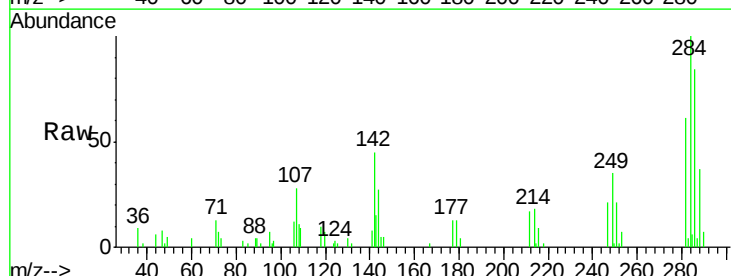
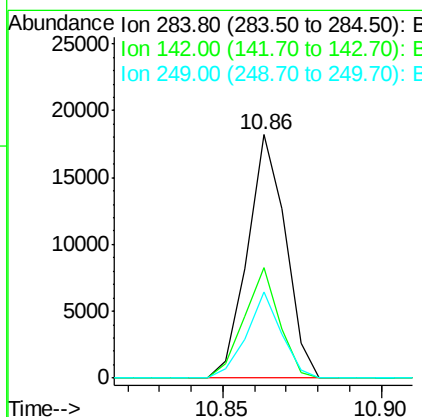
Manual Integrations
 APPROVED

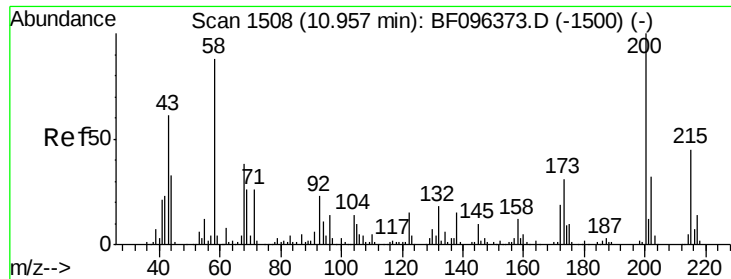
mohammad
 7/3/2017 3:57:21 PM



#67
 Hexachlorobenzene
 Concen: 2.843 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.2	22.8	34.2#
249	35.3	24.0	36.0





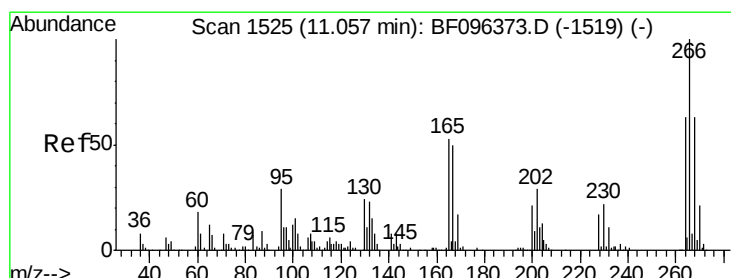
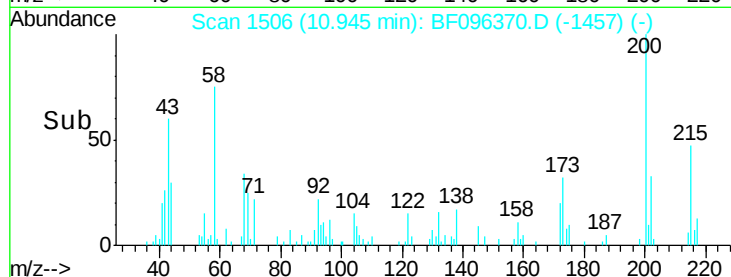
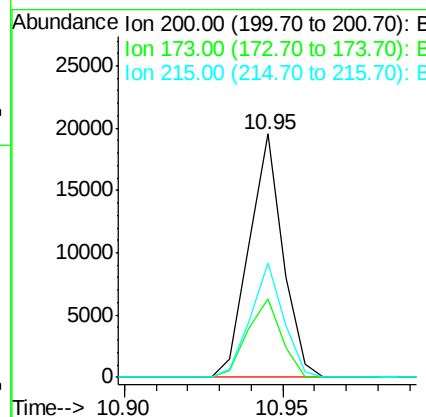
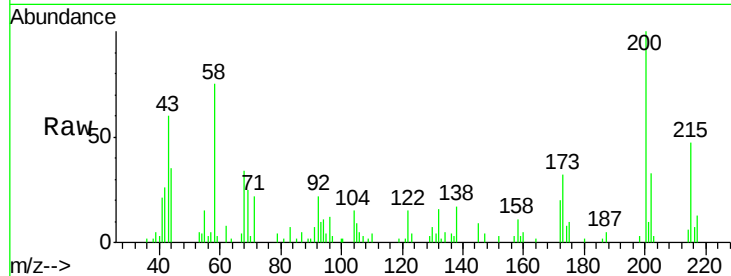
#68
Atrazine
Concen: 3.015 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.1	6.3	46.3
215	47.0	27.2	67.2

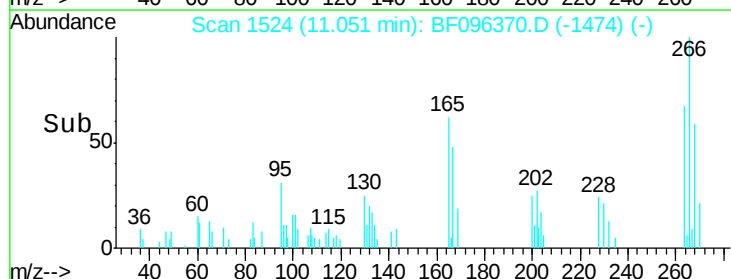
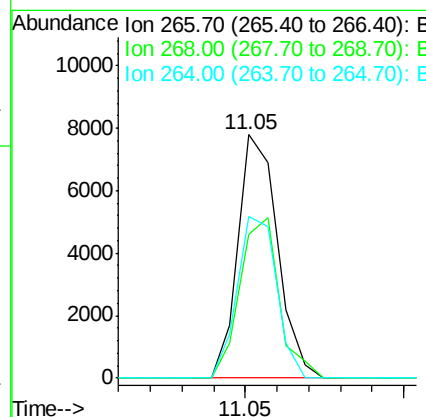
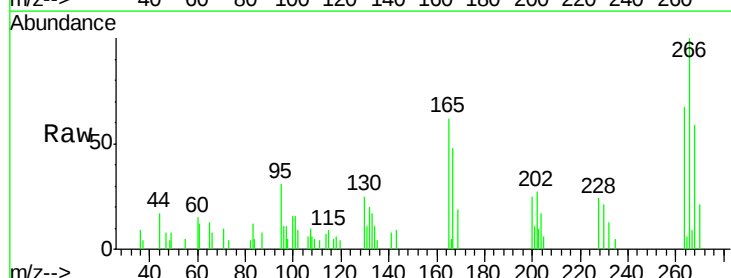
Manual Integrations
APPROVED

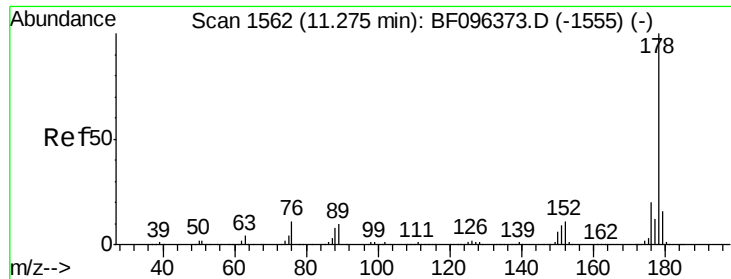
mohammad
7/3/2017 3:57:21 PM



#69
Pentachlorophenol
Concen: 2.207 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.1	51.1	76.7
264	66.5	51.7	77.5





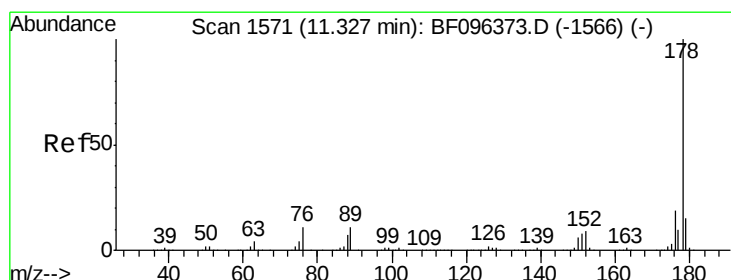
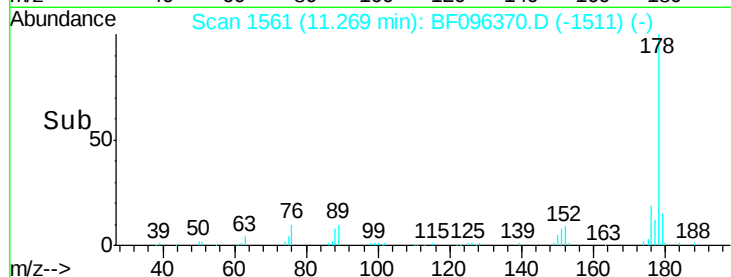
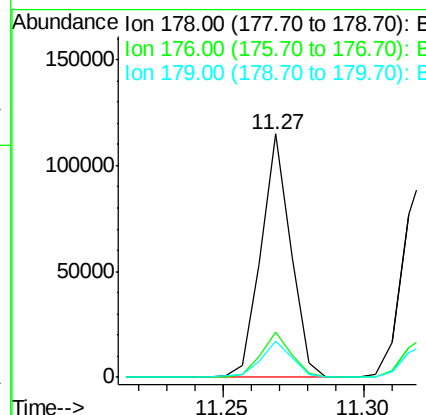
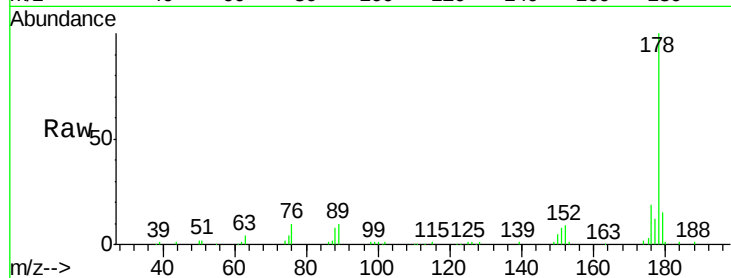
#70
Phenanthrene
Concen: 3.088 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.2	12.6	19.0

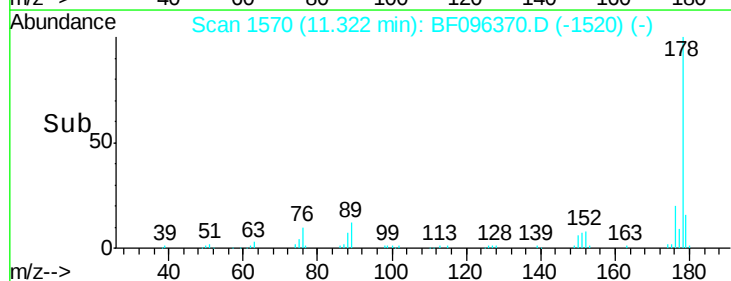
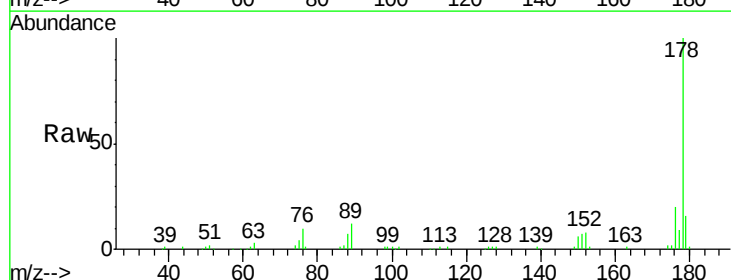
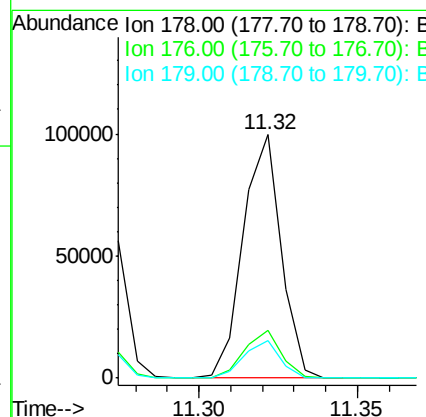
Manual Integrations
APPROVED

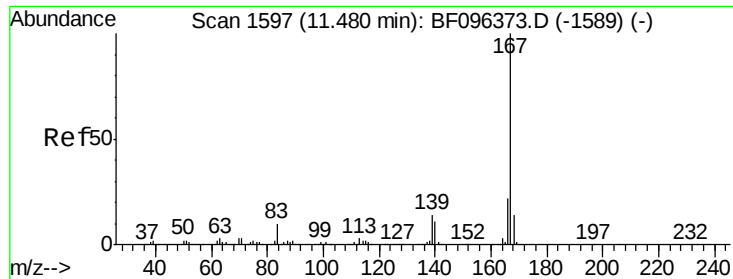
mohammad
7/3/2017 3:57:21 PM



#71
Anthracene
Concen: 2.934 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	12.7	19.1





#72

Carbazole

Concen: 2.695 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:167 Resp: 83644

Ion Ratio Lower Upper

167 100

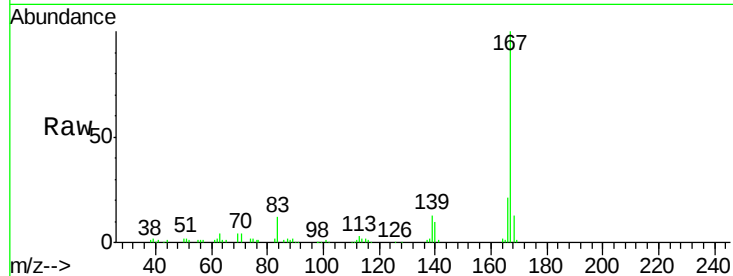
166 20.7 18.1 27.1

139 13.0 11.7 17.5

Manual Integrations
APPROVED

mohammad

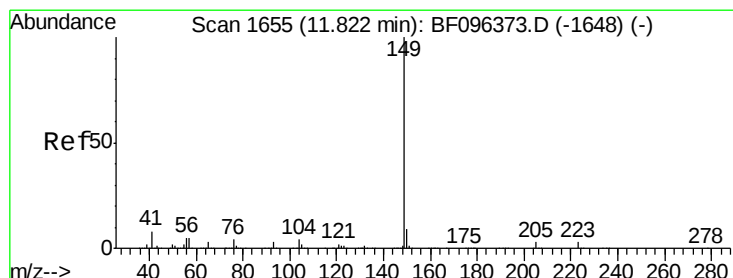
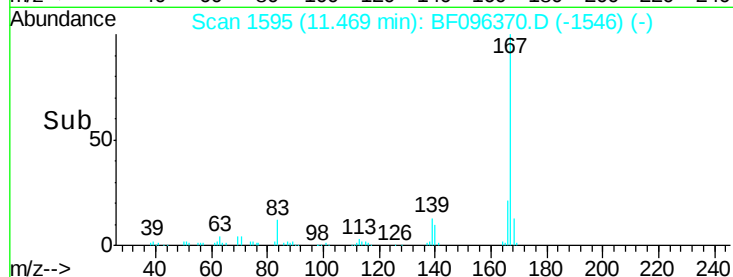
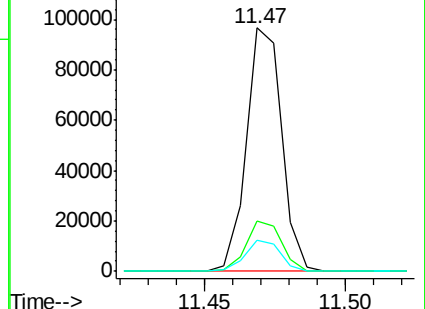
7/3/2017 3:57:21 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 3.090 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096370.D

Acq: 1 Jul 2017 11:08

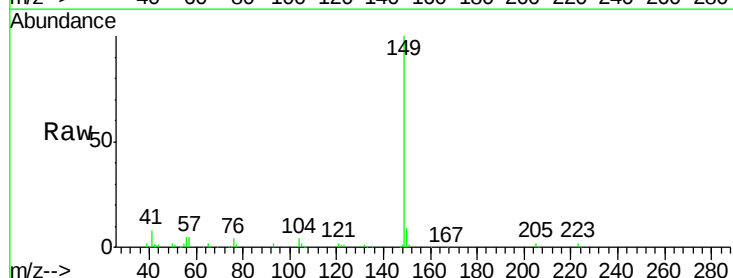
Tgt Ion:149 Resp: 101279

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

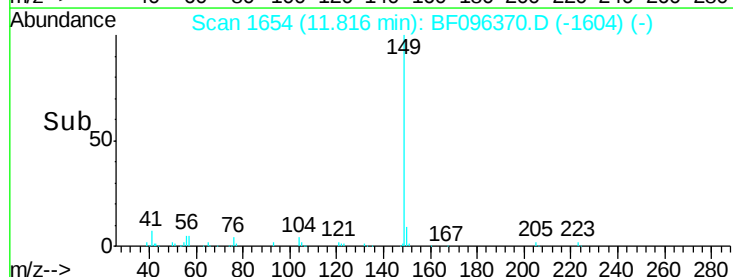
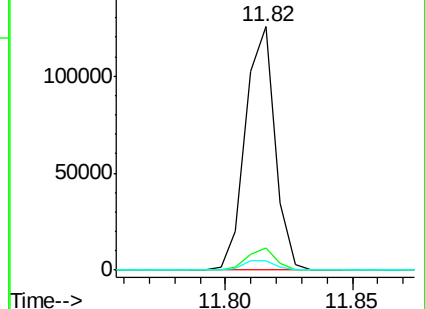
104 4.1 4.0 6.0

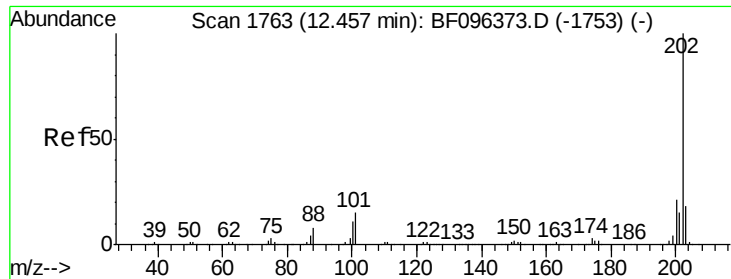


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





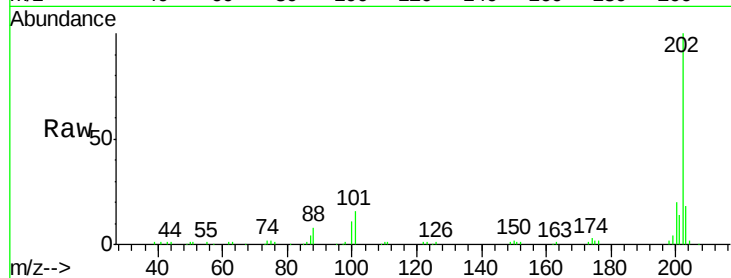
#74
 Fluoranthene
 Concen: 2.910 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

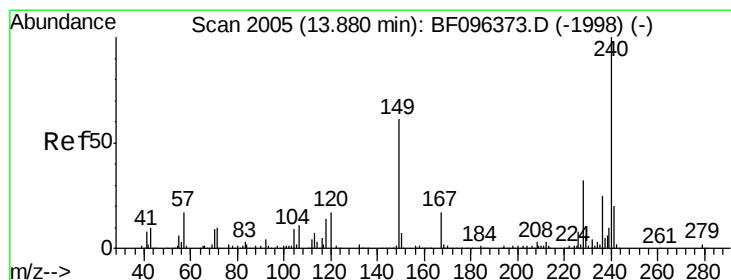
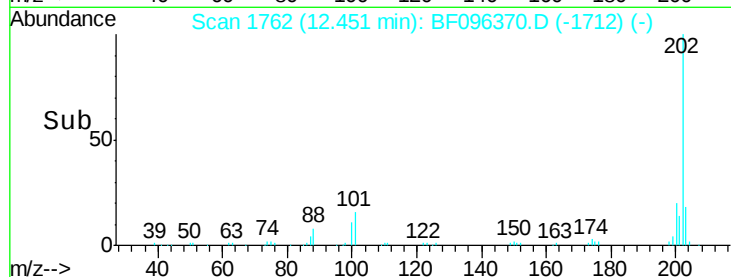
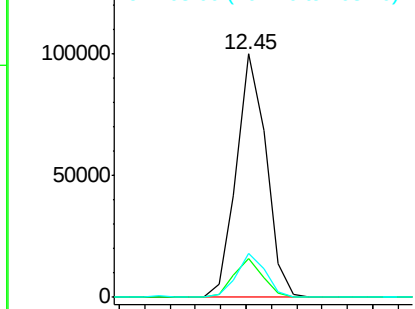
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.9	0.0	33.2
203	18.3	0.0	38.1

Manual Integrations
 APPROVED

mohammad
 7/3/2017 3:57:21 PM

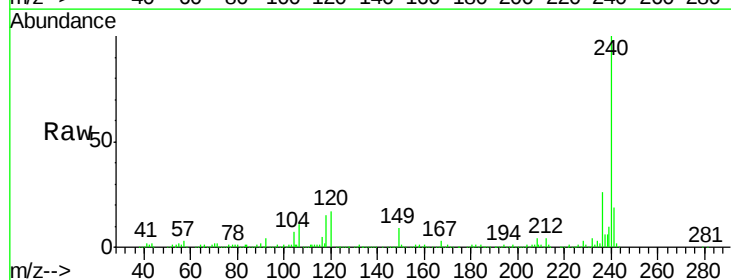


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

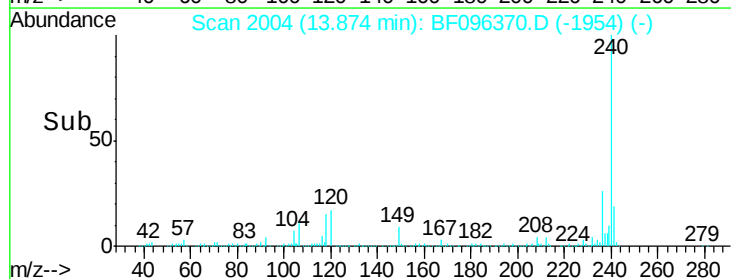
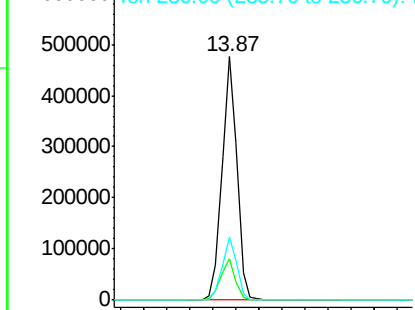


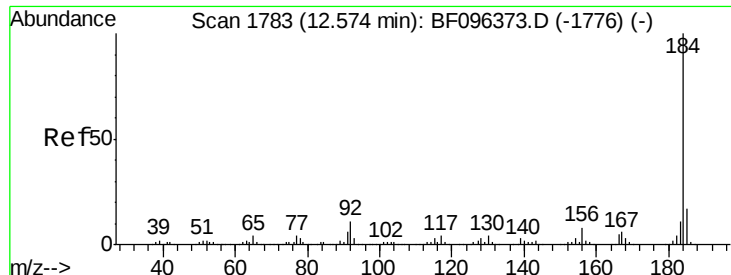
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	16.7	5.8	8.8#
236	26.0	20.5	30.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





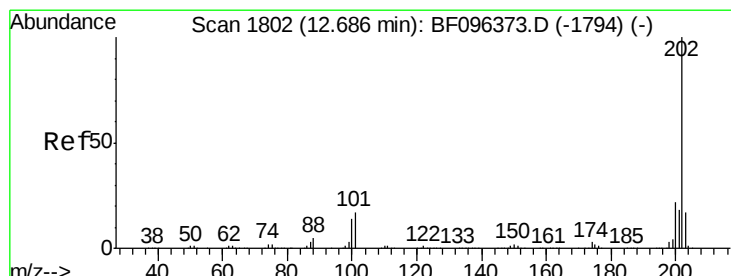
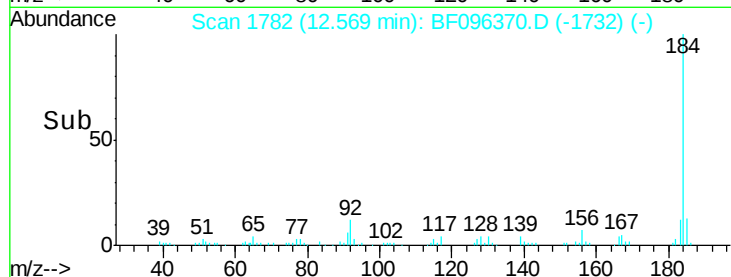
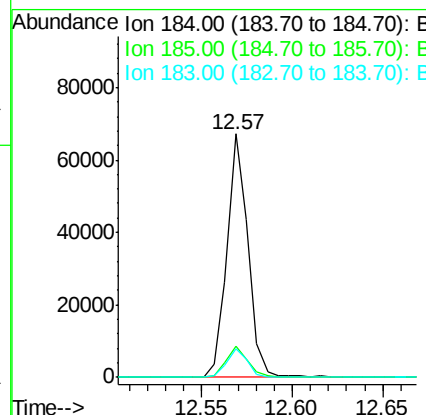
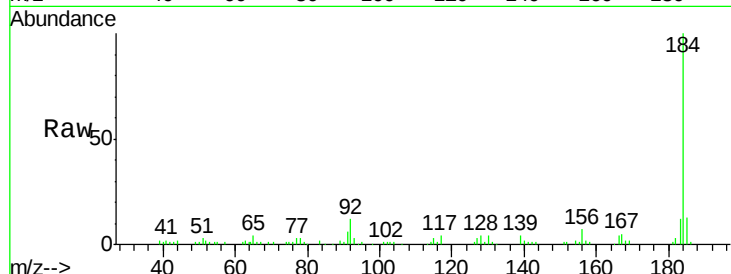
#76
Benzidine
Concen: 3.399 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	54310		
185	12.9	15.5	23.3	
183	11.7	9.8	14.6	

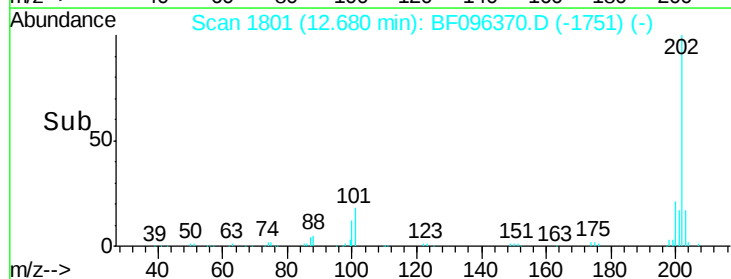
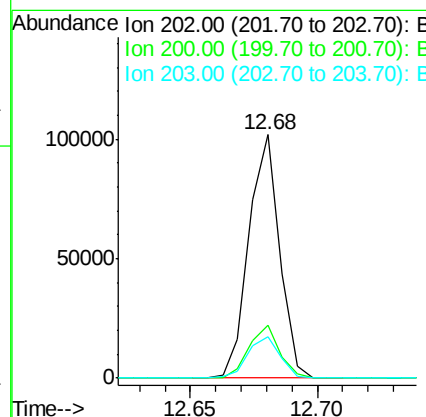
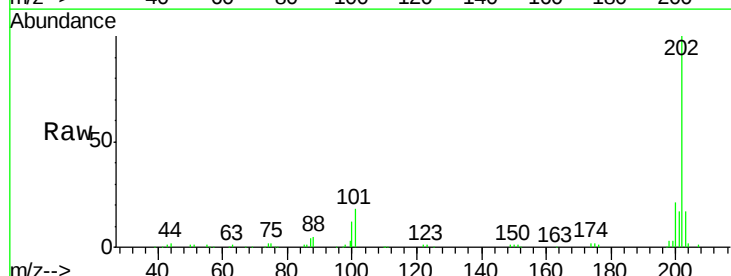
Manual Integrations
APPROVED

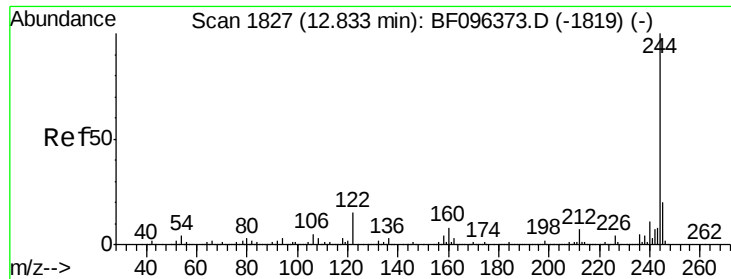
mohammad
7/3/2017 3:57:21 PM



#77
Pyrene
Concen: 2.451 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	85838		
200	21.5	17.6	26.4	
203	16.9	14.4	21.6	





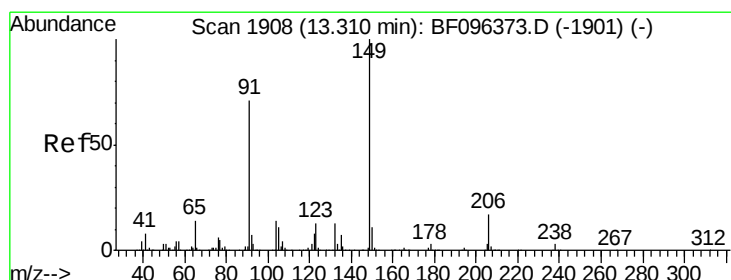
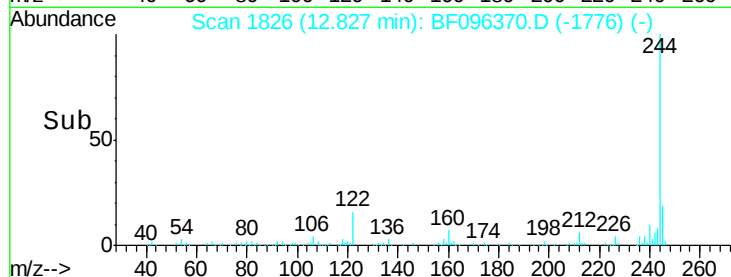
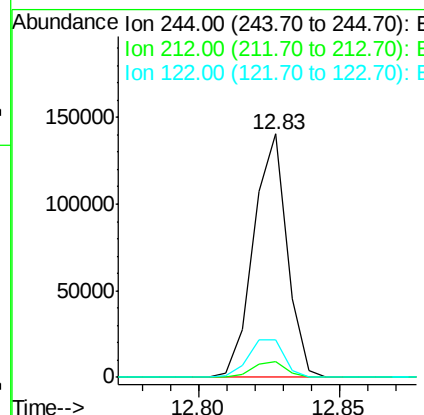
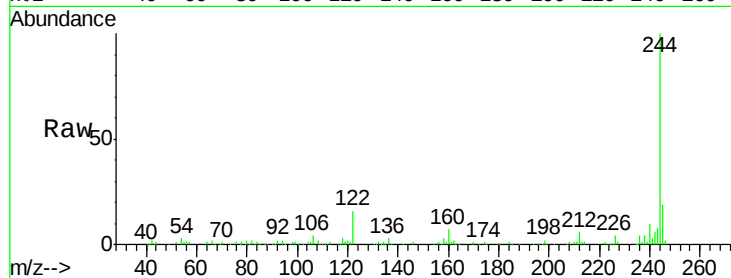
#78
 Terphenyl-d14
 Concen: 6.770 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	6.0	9.0
122	15.5	10.3	15.5

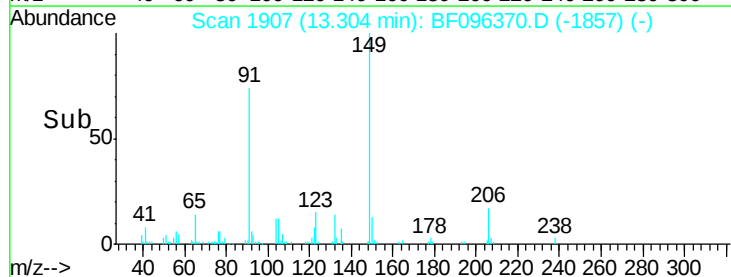
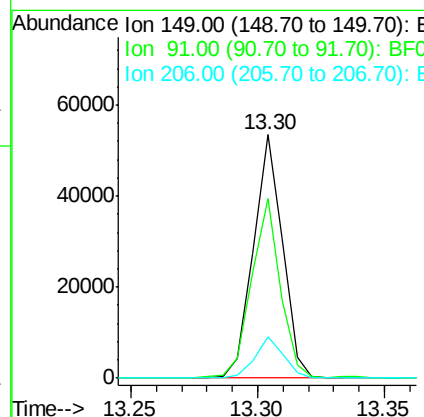
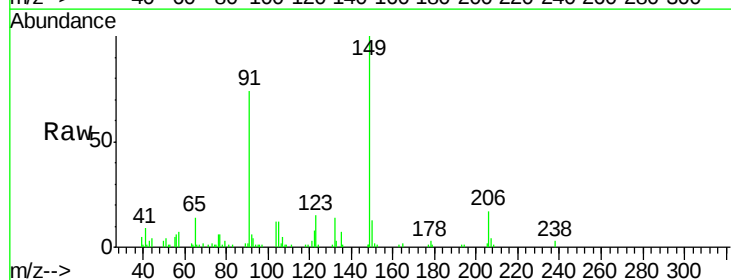
Manual Integrations
 APPROVED

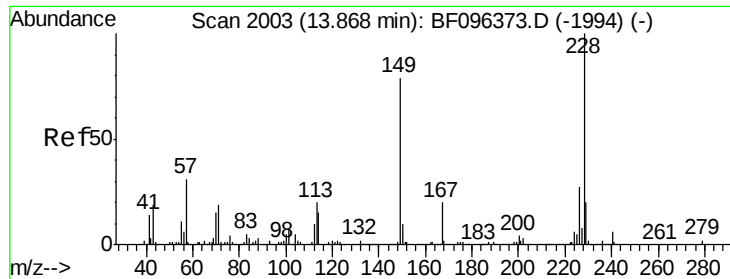
mohammad
 7/3/2017 3:57:21 PM



#79
 Butylbenzylphthalate
 Concen: 2.668 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF096370.D
 Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.8	45.0	67.4
206	17.1	17.0	25.6





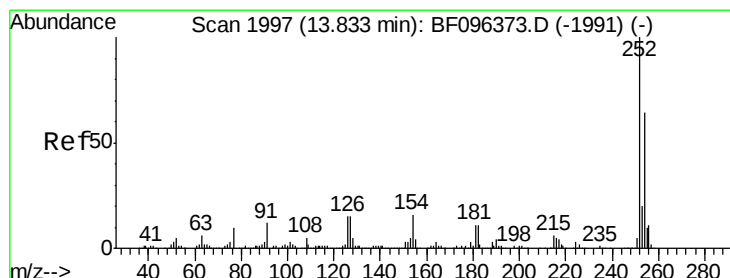
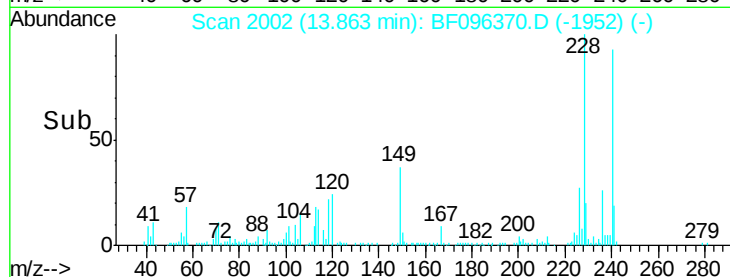
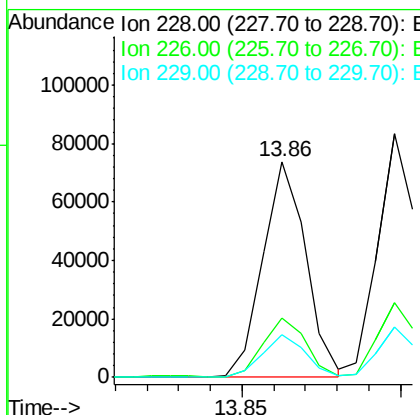
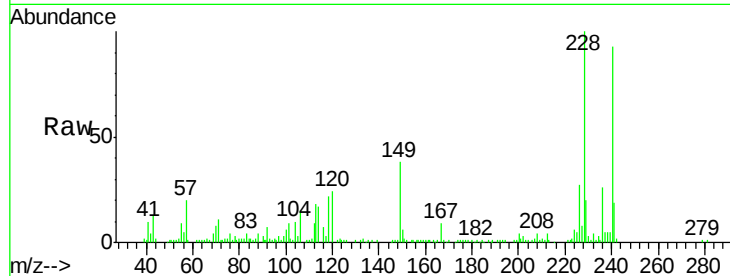
#80
Benzo(a)anthracene
Concen: 2.692 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	16.3	24.5

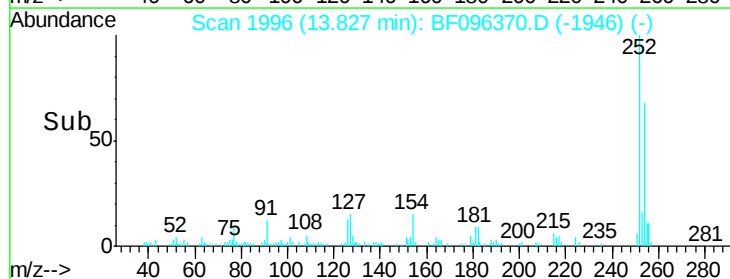
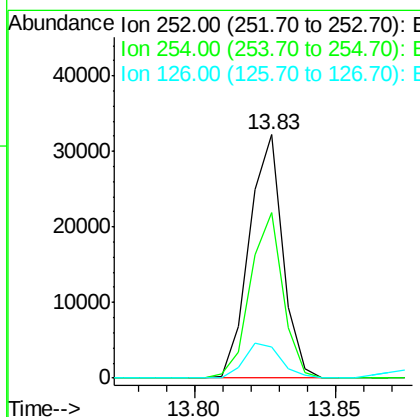
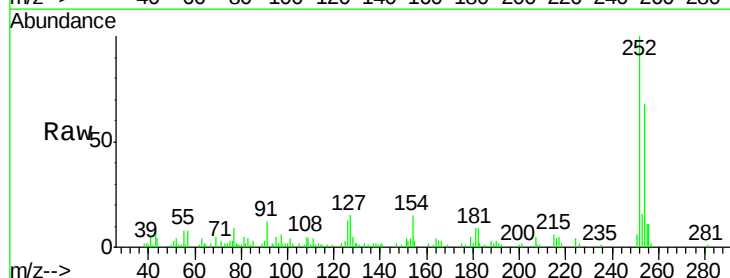
Manual Integrations
APPROVED

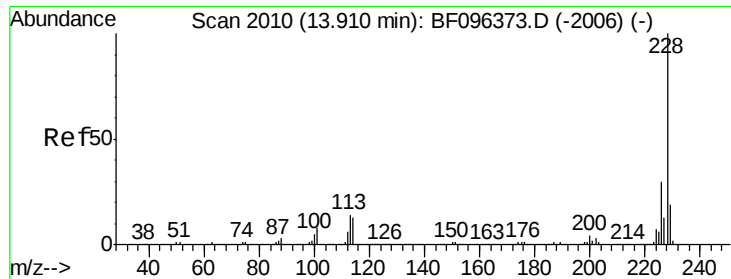
mohammad
7/3/2017 3:57:21 PM



#81
3,3'-Dichlorobenzidine
Concen: 2.678 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.9	51.5	77.3
126	12.7	15.8	23.8#





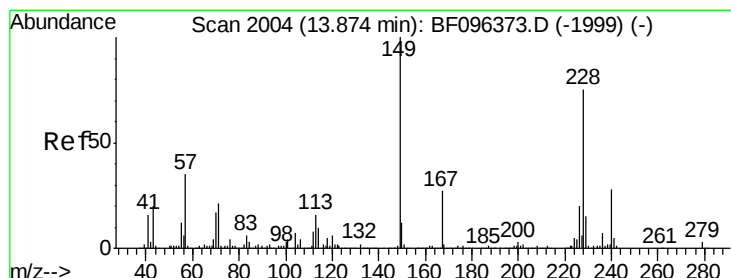
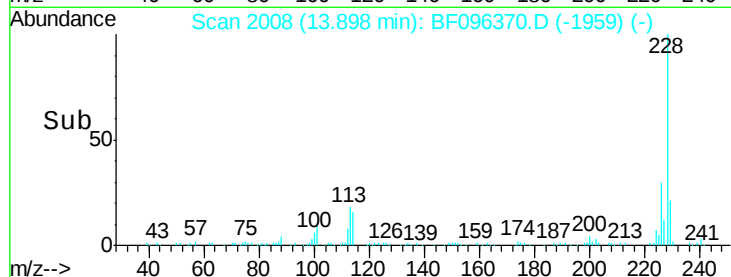
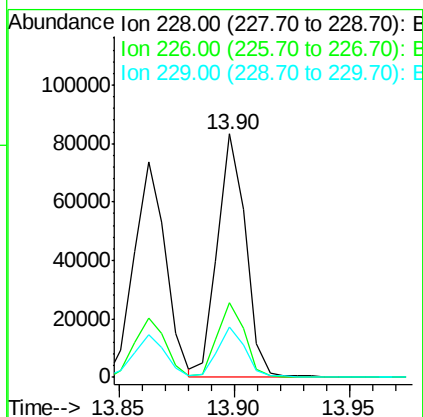
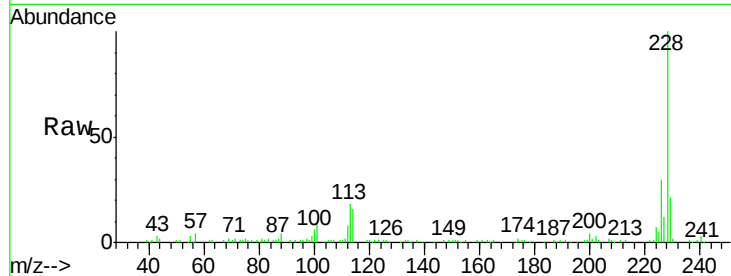
#82
Chrysene
Concen: 2.626 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.7	15.8	23.6

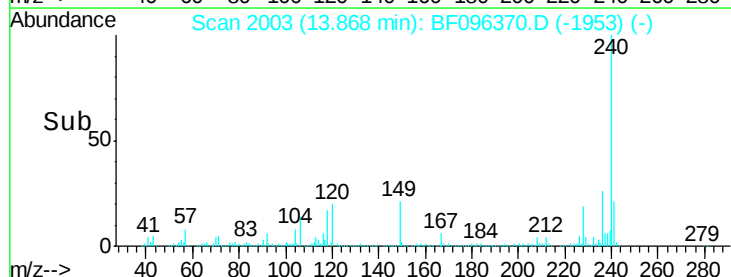
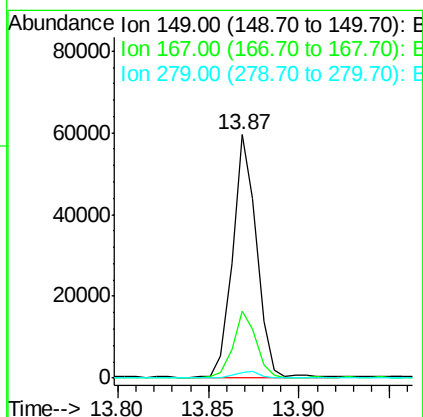
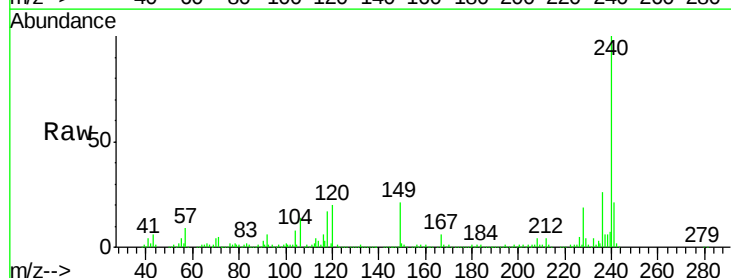
Manual Integrations
APPROVED

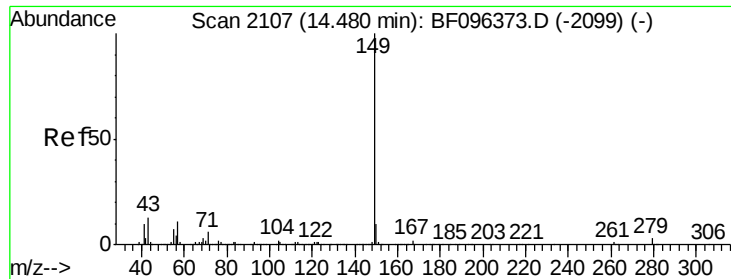
mohammad
7/3/2017 3:57:21 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.167 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.0	31.4
279	2.3	1.9	2.9





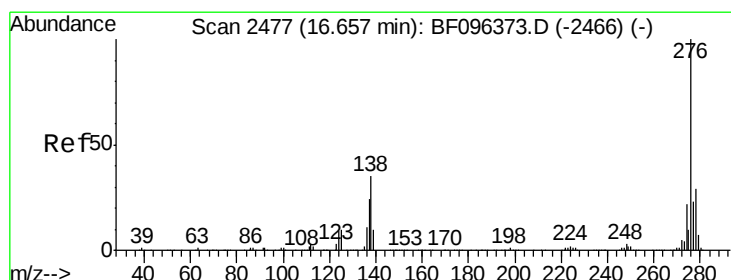
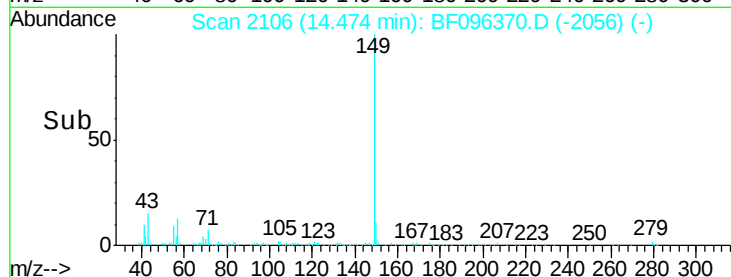
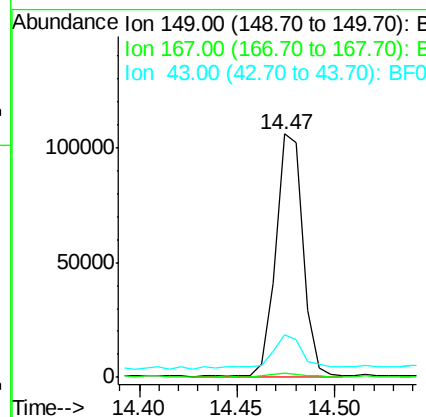
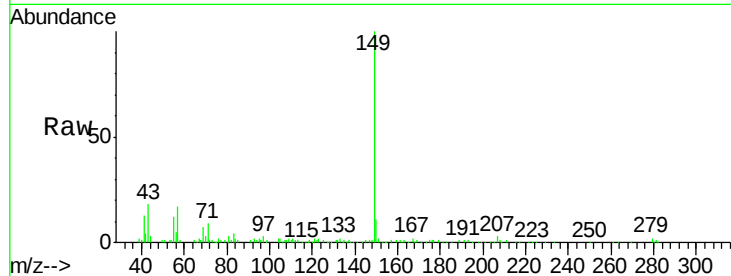
#84
Di-n-octyl phthalate
Concen: 2.833 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	2.5	1.2	1.8#
43	15.5	8.5	12.7#

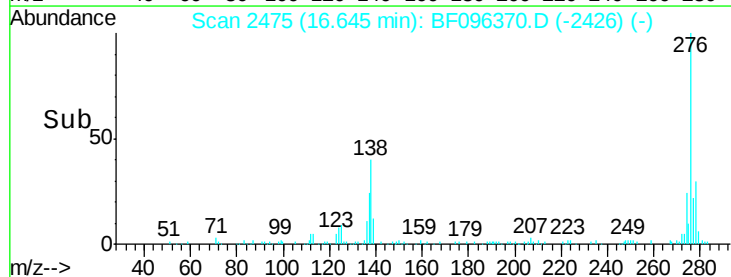
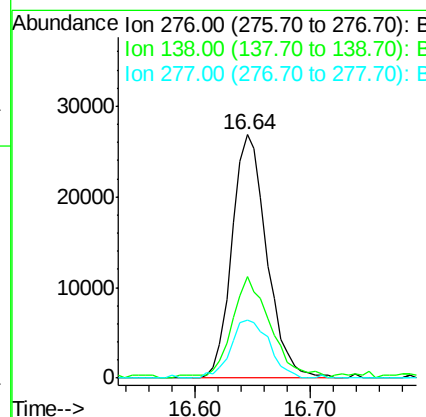
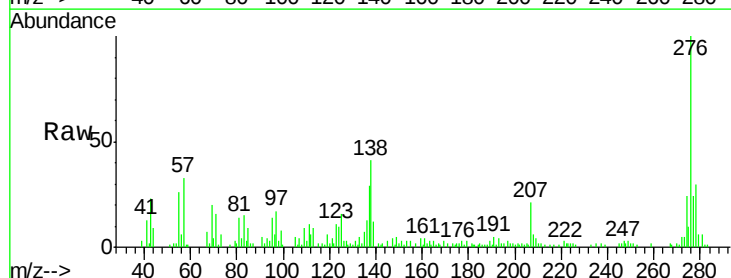
Manual Integrations
APPROVED

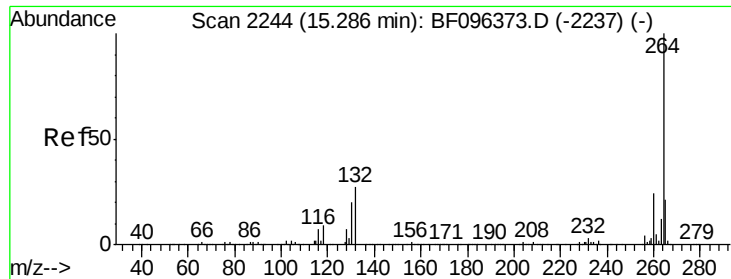
mohammad
7/3/2017 3:57:21 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.517 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	46.5	27.8	41.6#
277	26.3	20.2	30.4





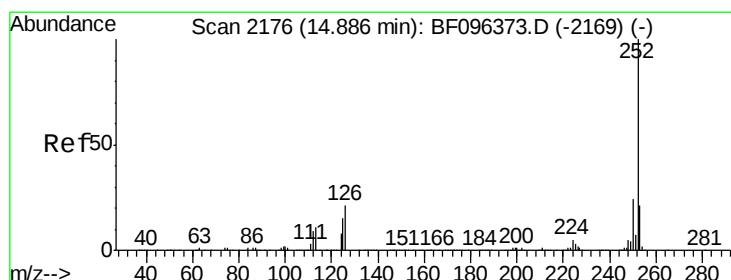
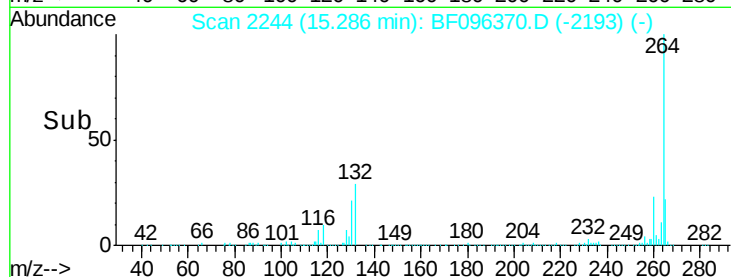
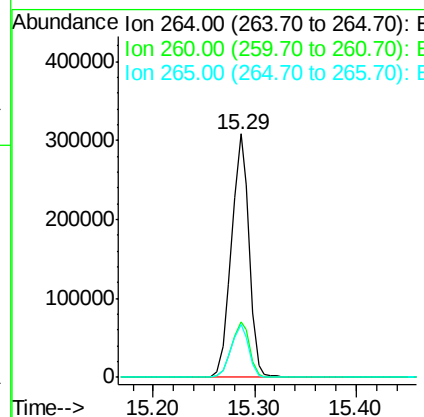
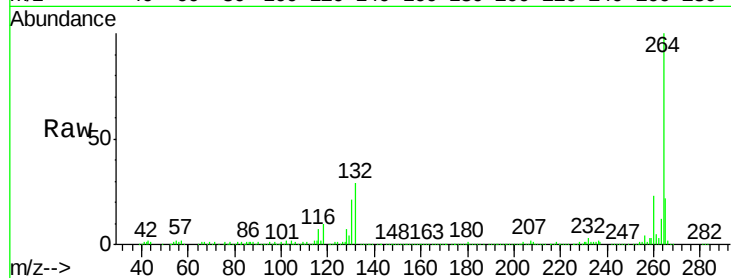
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.7	17.2	25.8

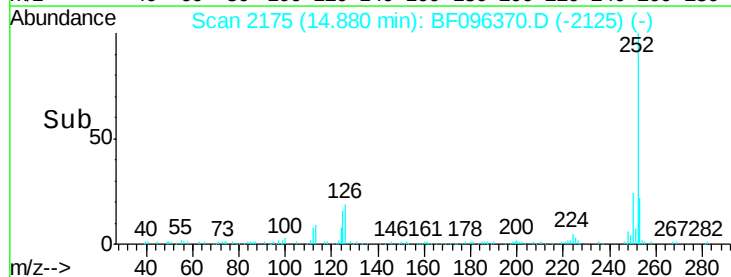
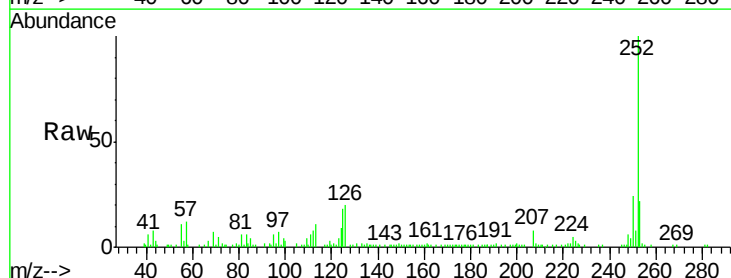
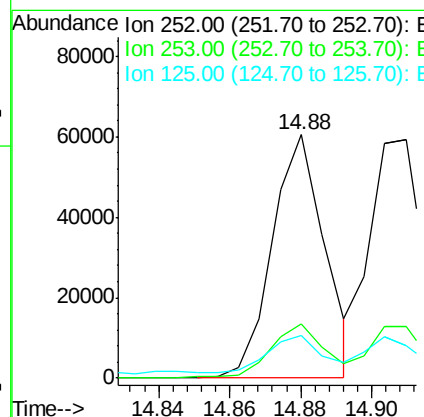
Manual Integrations
APPROVED

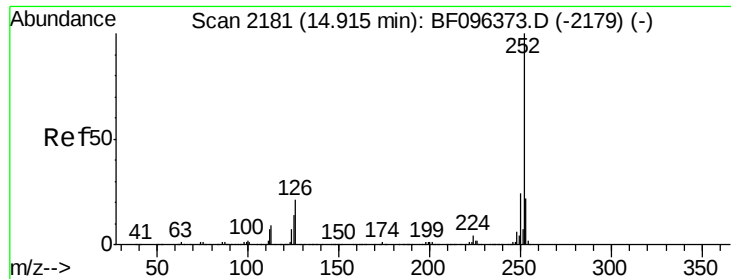
mohammad
7/3/2017 3:57:21 PM



#87
Benzo(b)fluoranthene
Concen: 2.529 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	17.6	9.8	14.8#





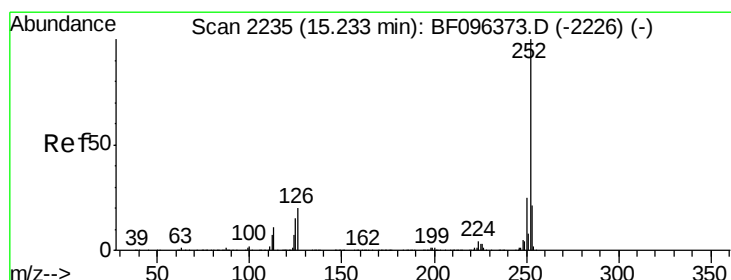
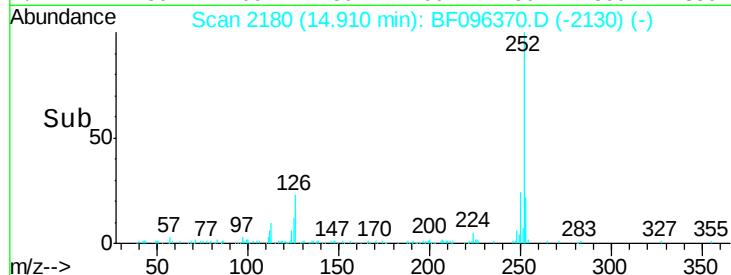
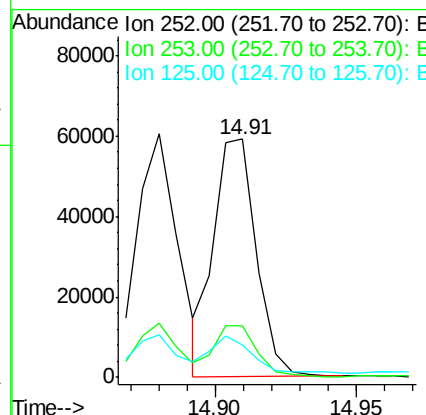
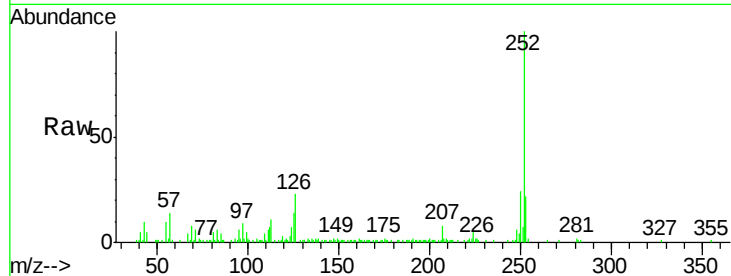
#88
Benzo(k)fluoranthene
Concen: 2.767 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.6	13.1	19.7

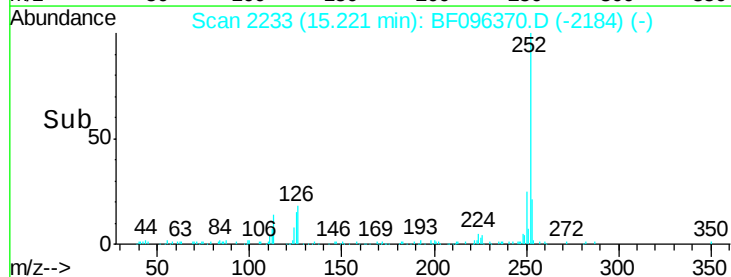
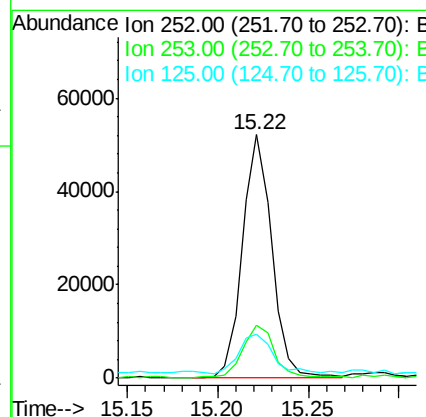
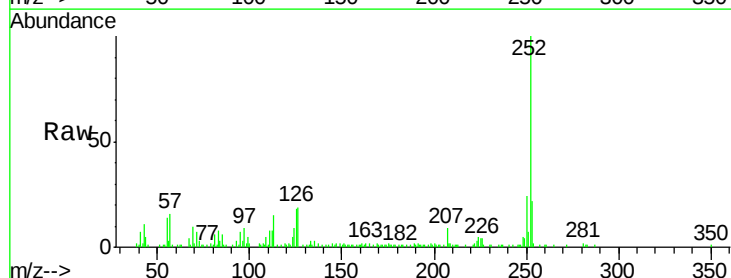
Manual Integrations
APPROVED

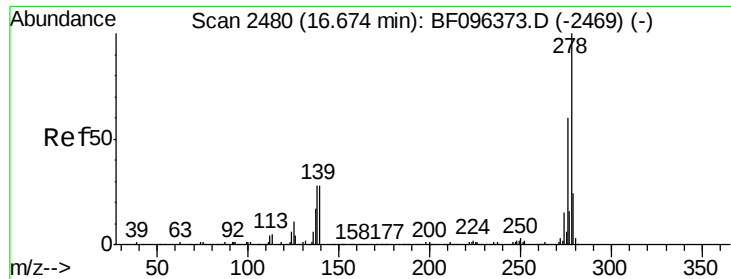
mohammad
7/3/2017 3:57:21 PM



#89
Benzo(a)pyrene
Concen: 2.720 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	18.0	11.0	16.4





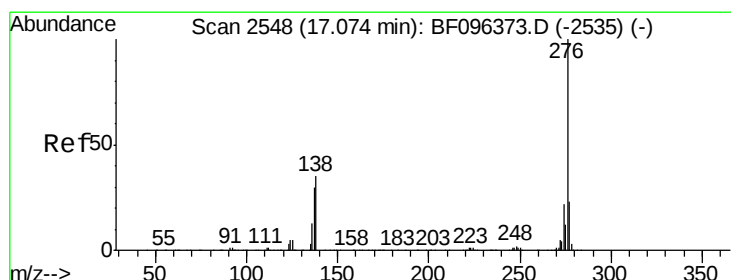
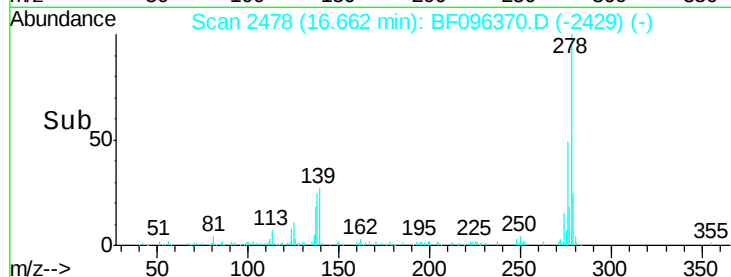
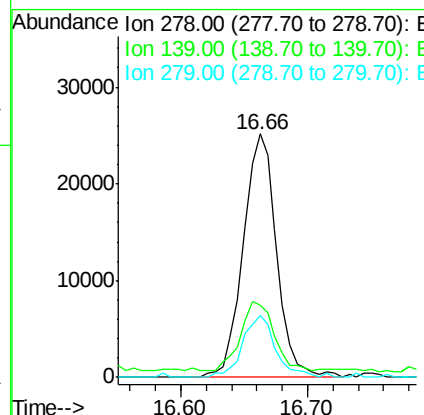
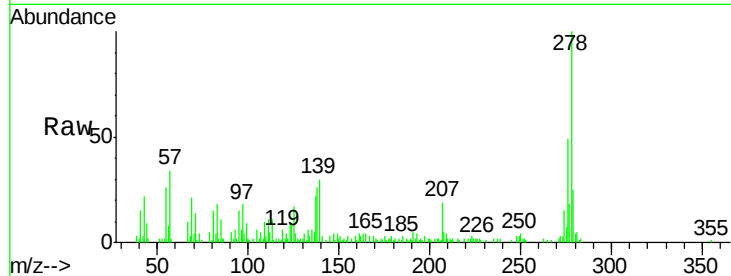
#90
Dibenzo(a,h)anthracene
Concen: 2.716 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.5	16.6	24.8#
279	25.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
7/3/2017 3:57:21 PM



#91
Benzo(g,h,i)perylene
Concen: 2.646 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF096370.D
Acq: 1 Jul 2017 11:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.4	18.6	28.0
138	35.1	25.4	38.0

