

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096398.D
 Acq On : 2 Jul 2017 00:16
 Operator : SJ/MA
 Sample : I3959-10MSD 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:55 PM

Quant Time: Jul 03 03:45:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	98007	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	356890	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	131685	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	230830	20.00	ng	0.00
75) Chrysene-d12	13.87	240	213555	20.00	ng	0.00
86) Perylene-d12	15.29	264	140784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	191839	28.89	ng	0.00
7) Phenol-d6	6.36	99	272040	33.33	ng	-0.01
23) Nitrobenzene-d5	7.29	82	146275	24.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	6663	6.48	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	261421	33.94	ng	-0.01
78) Terphenyl-d14	12.83	244	227967	22.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	32111	10.198	ng	# 78
3) Pyridine	3.11	79	72011	8.336	ng	# 63
4) n-Nitrosodimethylamine	3.02	42	44039	10.328	ng	# 84
6) Aniline	6.39	93	88265	8.366	ng	96
8) 2-Chlorophenol	6.52	128	68290	9.644	ng	98
9) Benzaldehyde	6.27	77	29768	5.827	ng	94
10) Phenol	6.37	94	97305	10.463	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	72677	10.112	ng	92
12) 1,3-Dichlorobenzene	6.67	146	82507	11.113	ng	97
13) 1,4-Dichlorobenzene	6.75	146	84751	11.420	ng	93
14) 1,2-Dichlorobenzene	6.90	146	79588	11.681	ng	96
15) Benzyl Alcohol	6.87	79	56973	10.441	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	149026	10.200	ng	91
17) 2-Methylphenol	6.99	107	57736	10.231	ng	90
18) Hexachloroethane	7.25	117	19990	7.430	ng	# 84
19) n-Nitroso-di-n-propylamine	7.14	70	47633	9.795	ng	# 80
20) 3+4-Methylphenols	7.14	107	69742	11.080	ng	92
22) Acetophenone	7.14	105	97183	12.462	ng	# 96
24) Nitrobenzene	7.30	77	66903	10.738	ng	97
25) Isophorone	7.55	82	117334	10.189	ng	95
26) 2-Nitrophenol	7.63	139	11368	3.447	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	63396	11.290	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	84118	11.066	ng	98
29) 2,4-Dichlorophenol	7.87	162	40562	8.372	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	54657	11.960	ng	99
31) Naphthalene	8.03	128	200333	11.890	ng	99
33) 4-Chloroaniline	8.08	127	66046	9.437	ng	95
34) Hexachlorobutadiene	8.16	225	28320	12.082	ng	97
35) Caprolactam	8.40	113	14017	8.390	ng	# 67
36) 4-Chloro-3-methylphenol	8.56	107	46484	8.671	ng	92
37) 2-Methylnaphthalene	8.73	142	125956	11.744	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	44297	12.955	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	12480	4.614	ng	97
43) 2,4,5-Trichlorophenol	9.04	196	18357	6.864	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096398.D
 Acq On : 2 Jul 2017 00:16
 Operator : SJ/MA
 Sample : I3959-10MSD 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

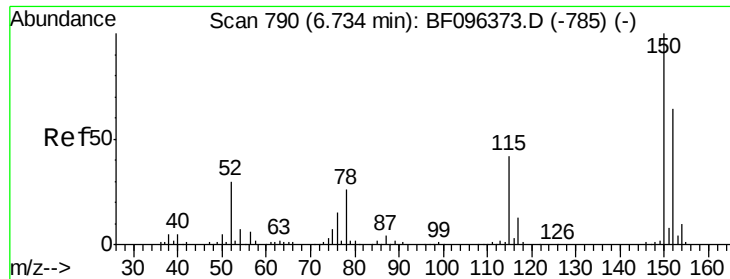
Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:55 PM

Quant Time: Jul 03 03:45:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.19	154	135957	12.050	ng	98
46) 2-Chloronaphthalene	9.21	162	102339	12.171	ng	96
47) 2-Nitroaniline	9.30	65	33202	10.852	ng	96
48) Acenaphthylene	9.63	152	157586	11.827	ng	99
49) Dimethylphthalate	9.49	163	150661	15.326	ng	99
50) 2,6-Dinitrotoluene	9.55	165	19193	8.829	ng	93
51) Acenaphthene	9.80	154	92460	11.258	ng	99
52) 3-Nitroaniline	9.70	138	31954	11.785	ng	97
54) Dibenzofuran	9.97	168	138598	12.782	ng	98
55) 4-Nitrophenol	9.87	139	24324	10.824	ng	# 76
56) 2,4-Dinitrotoluene	9.95	165	21778	7.911	ng	# 93
57) Fluorene	10.31	166	105795	13.815	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	6182m	3.341	ng	
59) Diethylphthalate	10.19	149	111061	11.953	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	45643	13.699	ng	91
61) 4-Nitroaniline	10.31	138	32641	13.240	ng	86
62) Azobenzene	10.46	77	100032	11.134	ng	94
65) n-Nitrosodiphenylamine	10.42	169	94973	11.726	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	25750	11.460	ng	97
67) Hexachlorobenzene	10.86	284	27926	11.353	ng	# 90
68) Atrazine	10.95	200	26839	11.599	ng	91
69) Pentachlorophenol	11.05	266	6700	4.596	ng	92
70) Phenanthrene	11.27	178	167648	13.435	ng	98
71) Anthracene	11.32	178	167286	13.156	ng	97
72) Carbazole	11.47	167	160002	12.512	ng	97
73) Di-n-butylphthalate	11.82	149	185759	11.993	ng	# 98
74) Fluoranthene	12.45	202	188923	15.442	ng	95
76) Benzidine	12.57	184	84872	8.283	ng	# 94
77) Pyrene	12.68	202	201579	11.760	ng	99
79) Butylbenzylphthalate	13.30	149	89878	10.358	ng	# 82
80) Benzo(a)anthracene	13.86	228	155829	12.601	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	48534	9.555	ng	# 93
82) Chrysene	13.90	228	151135	11.670	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	118855	12.271	ng	100
84) Di-n-octyl phthalate	14.48	149	213171	11.176	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.64	276	88959	8.702	ng	93
87) Benzo(b)fluoranthene	14.88	252	122095m	13.841	ng	
88) Benzo(k)fluoranthene	14.91	252	100694m	12.761	ng	
89) Benzo(a)pyrene	15.23	252	100141	12.715	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	72725	11.738	ng	# 93
91) Benzo(g,h,i)perylene	17.06	276	77593	12.086	ng	97

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



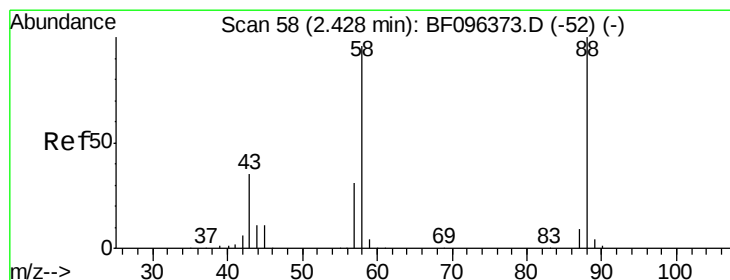
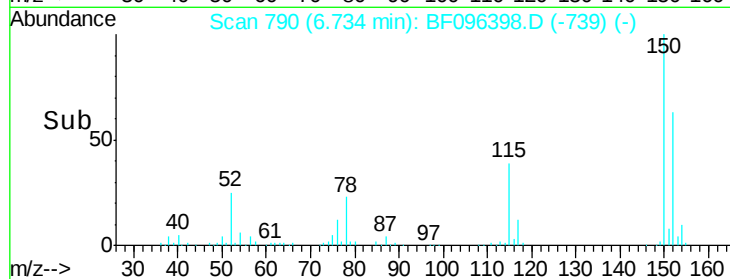
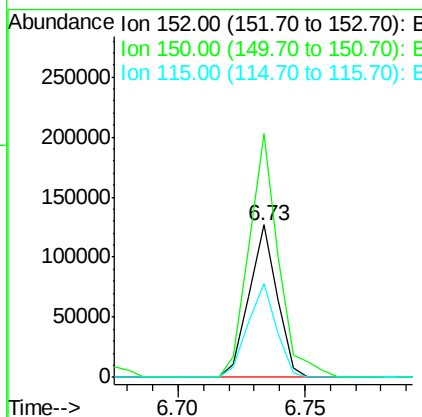
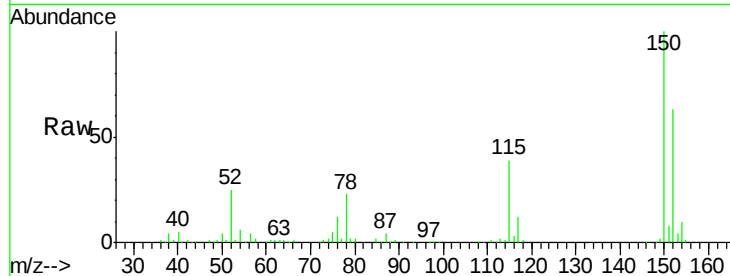
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	62.0	52.2	78.2

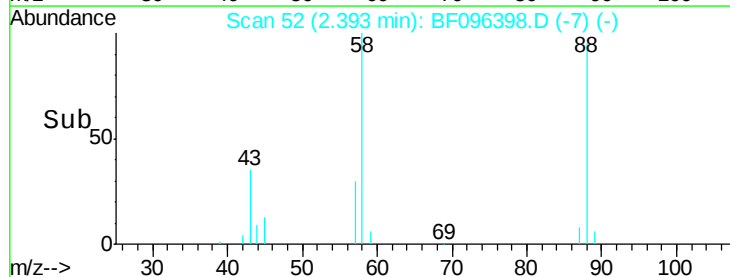
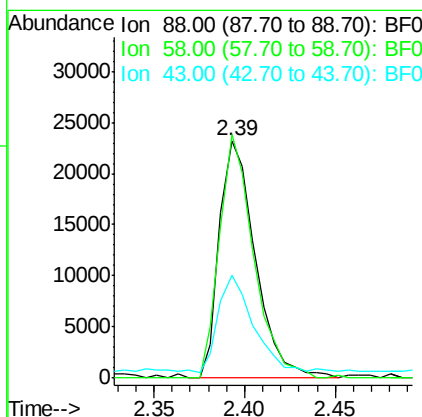
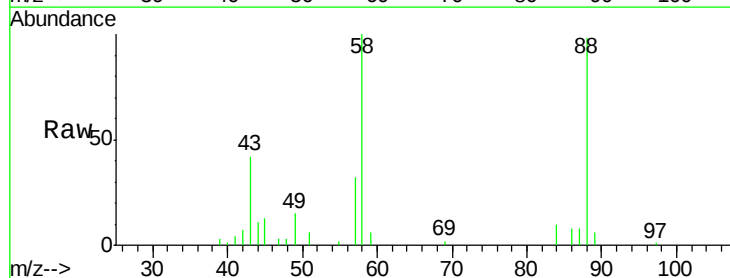
Manual Integrations
 APPROVED

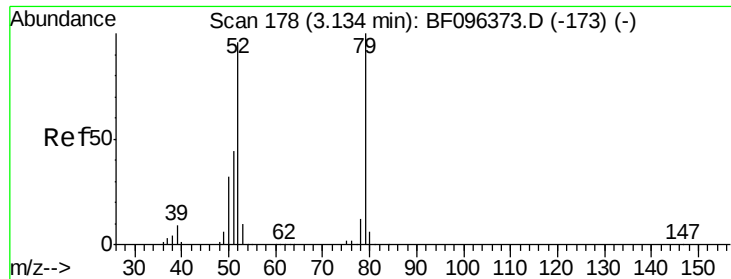
mohammad
 7/3/2017 4:03:55 PM



#2
 1,4-Dioxane
 Concen: 10.198 ng
 RT: 2.39 min Scan# 52
 Delta R.T. -0.04 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.7	61.4	92.0#
43	37.9	23.4	35.0#





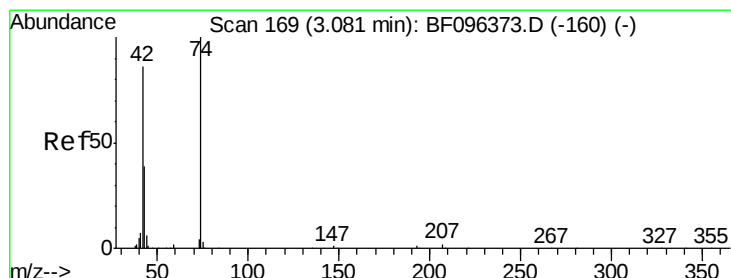
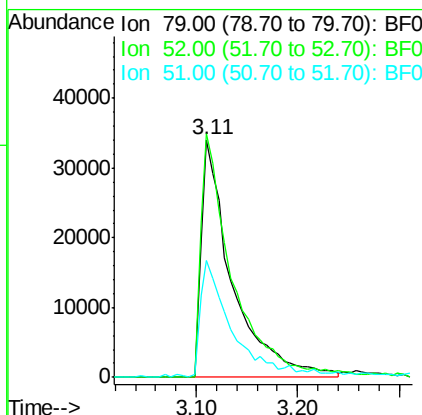
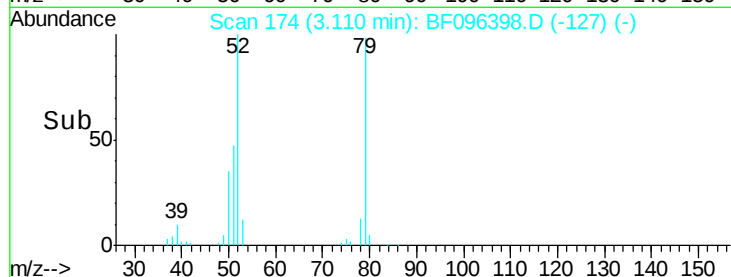
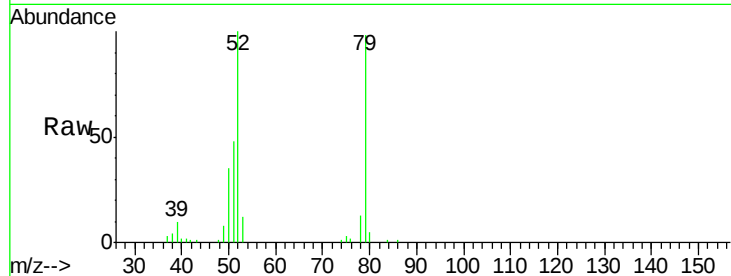
#3
 Pyridine
 Concen: 8.336 ng
 RT: 3.11 min Scan# 174
 Delta R.T. -0.02 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	102.5	54.8	82.2#
51	49.2	27.0	40.4#

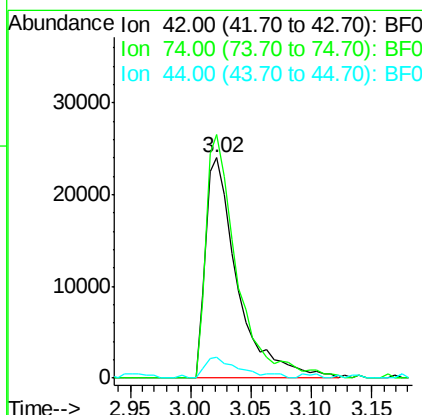
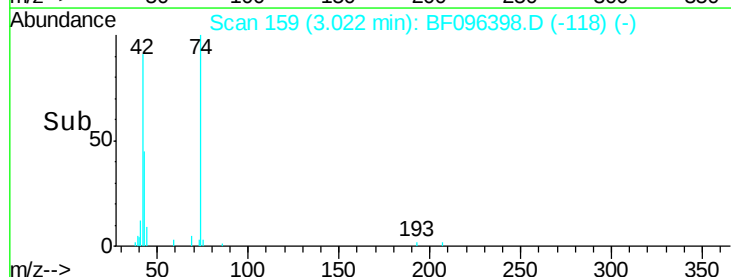
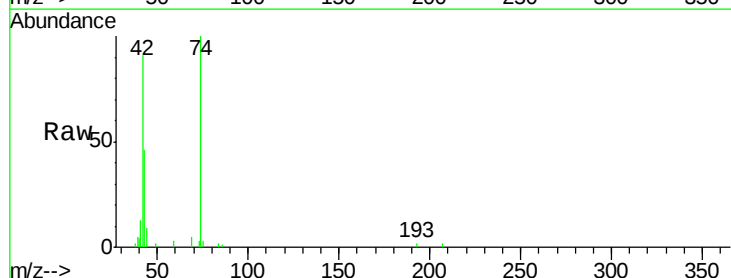
Manual Integrations
 APPROVED

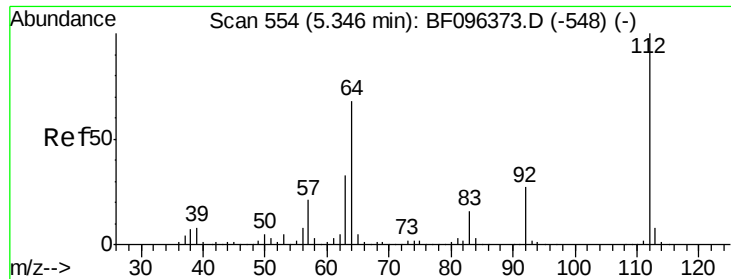
mohammad
 7/3/2017 4:03:55 PM



#4
 n-Nitrosodimethylamine
 Concen: 10.328 ng
 RT: 3.02 min Scan# 159
 Delta R.T. -0.06 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.5	103.9	155.9
44	9.7	5.7	8.5#





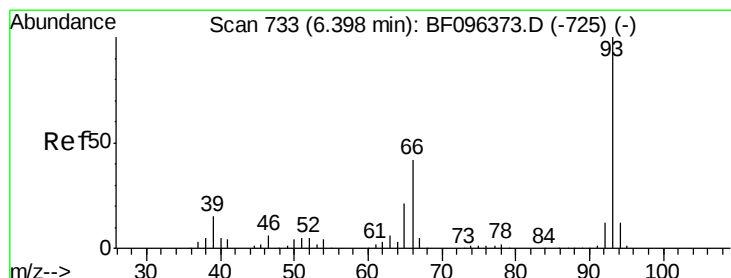
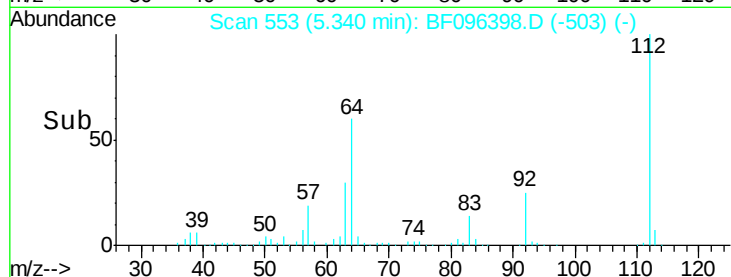
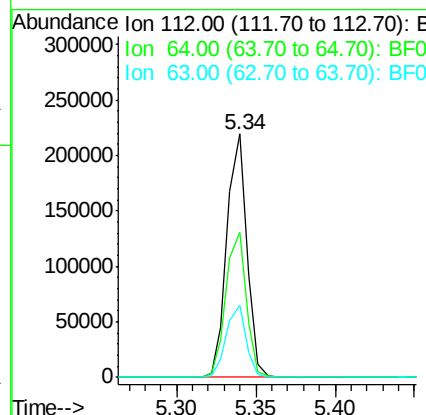
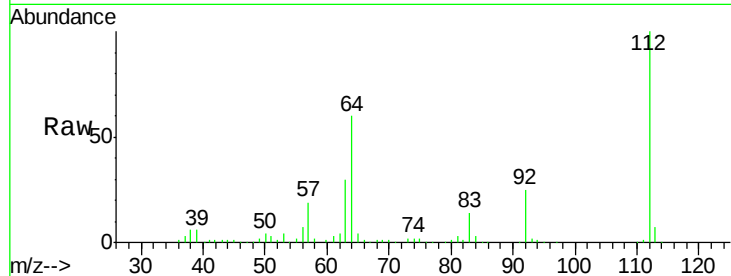
#5
 2-Fluorophenol
 Concen: 28.891 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.6	46.0	69.0
63	29.6	23.4	35.0

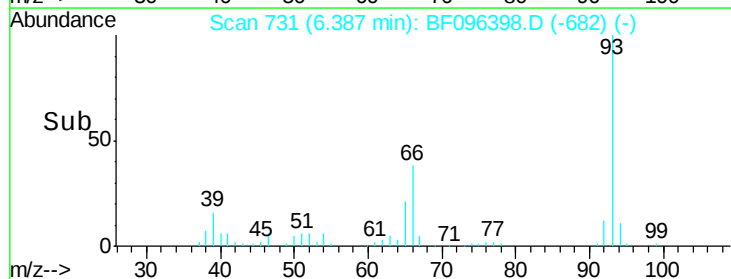
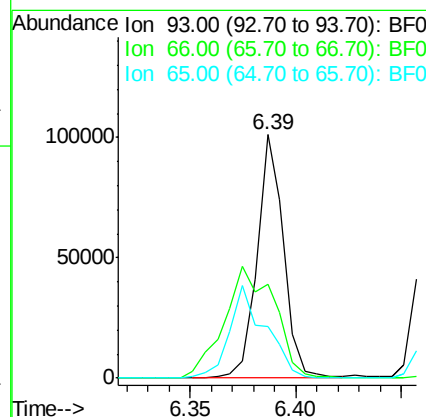
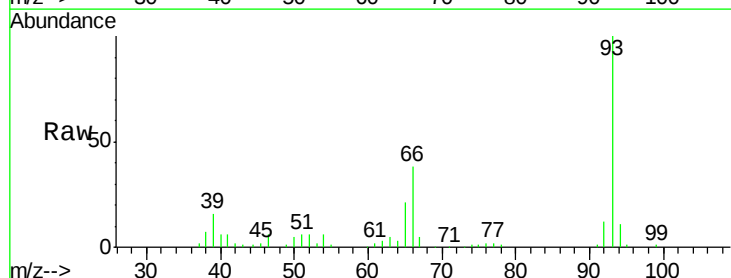
Manual Integrations
 APPROVED

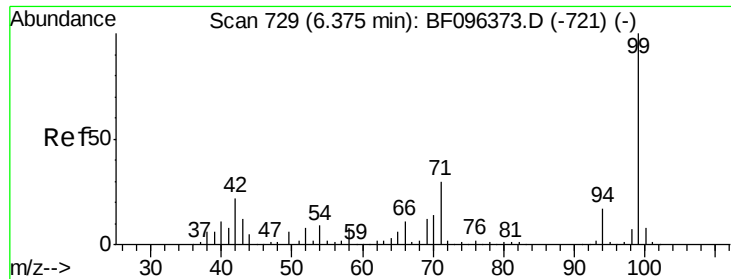
mohammad
 7/3/2017 4:03:55 PM



#6
 Aniline
 Concen: 8.366 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.3	32.9	49.3
65	21.2	16.0	24.0





#7

Phenol-d6

Concen: 33.325 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

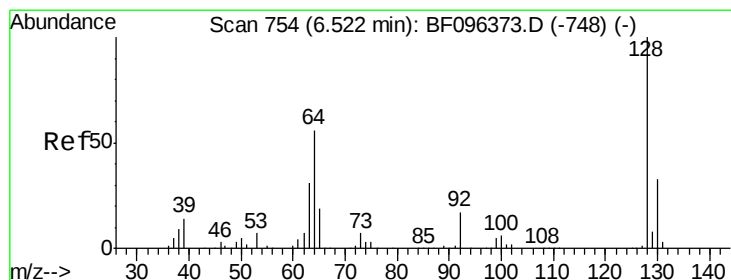
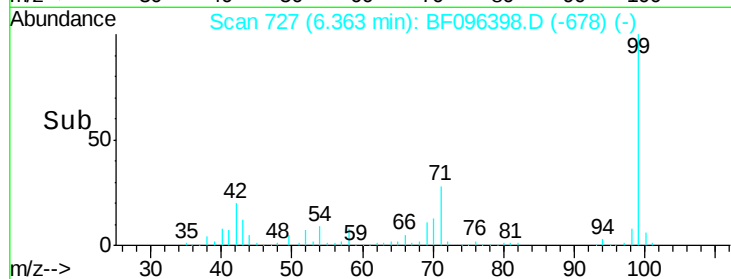
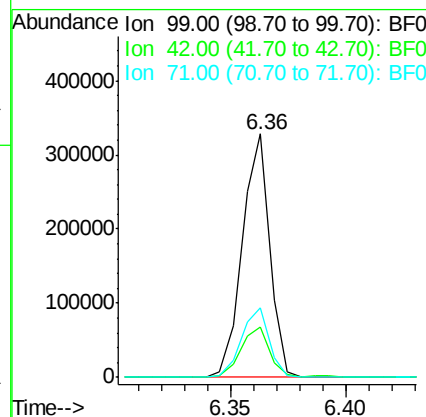
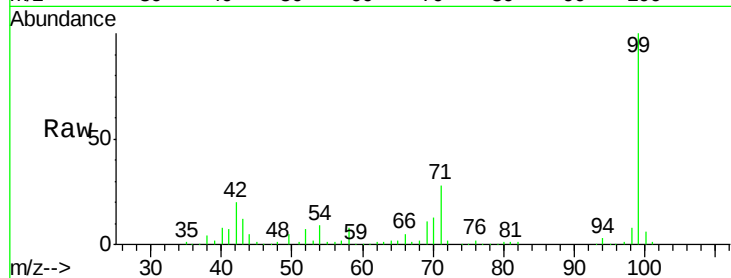
ClientSampleId :

BU-03-062717-DMSD

Tgt Ion:	99	Resp:	272040
Ion Ratio	Lower	Upper	
99	100		
42	20.4	13.5	20.3#
71	28.5	24.5	36.7

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#8

2-Chlorophenol

Concen: 9.644 ng

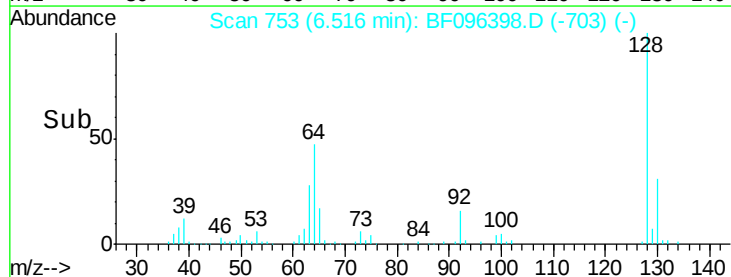
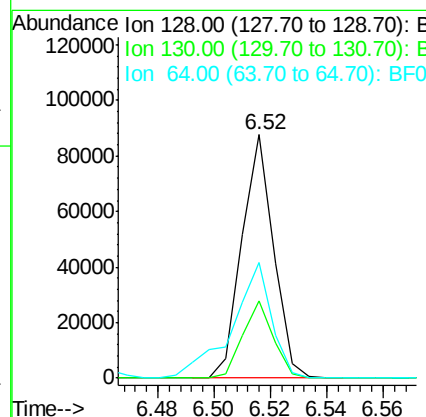
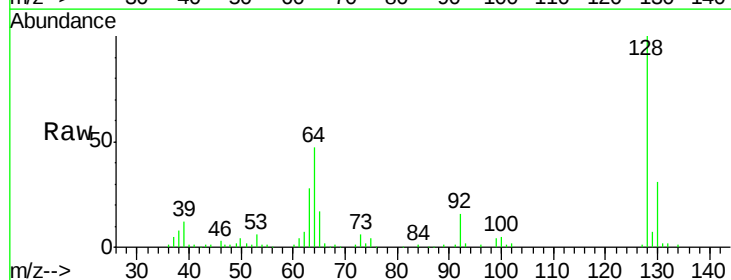
RT: 6.52 min Scan# 753

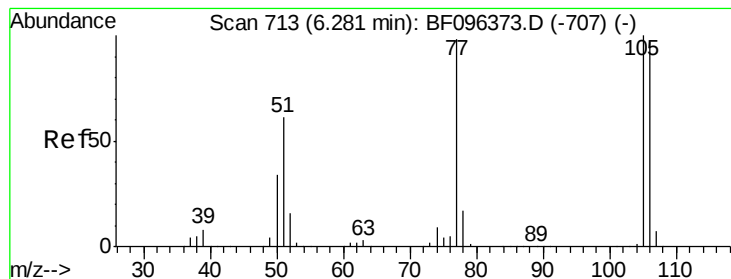
Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	128	Resp:	68290
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.9	52.9
64	47.5	28.4	68.4





#9

Benzaldehyde

Concen: 5.827 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

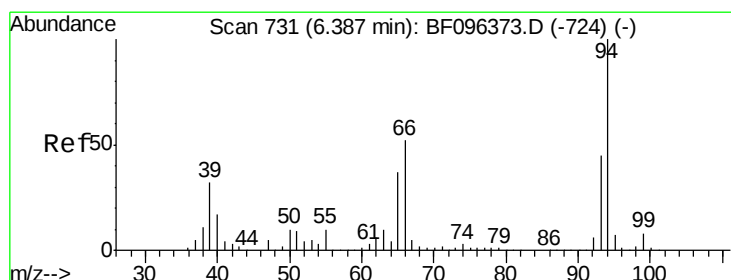
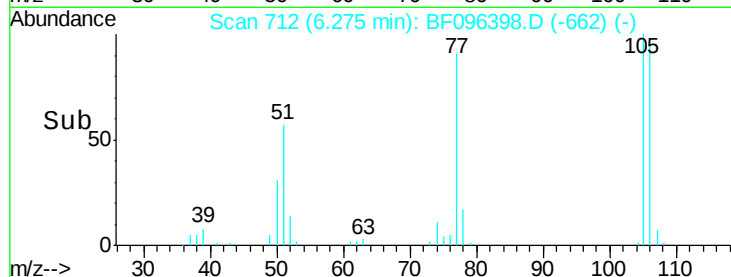
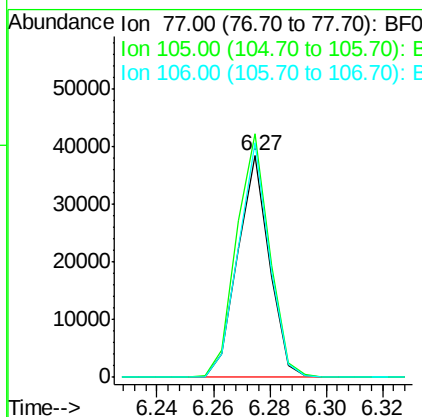
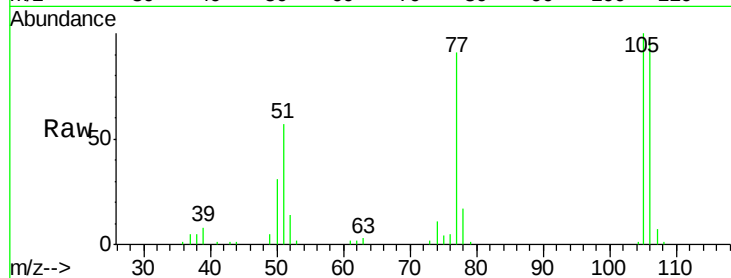
ClientSampleId :

BU-03-062717-DMSD

Tgt Ion:	77	Resp:	29768
Ion	Ratio	Lower	Upper
77	100		
105	110.0	83.8	123.8
106	105.8	79.1	119.1

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#10

Phenol

Concen: 10.463 ng

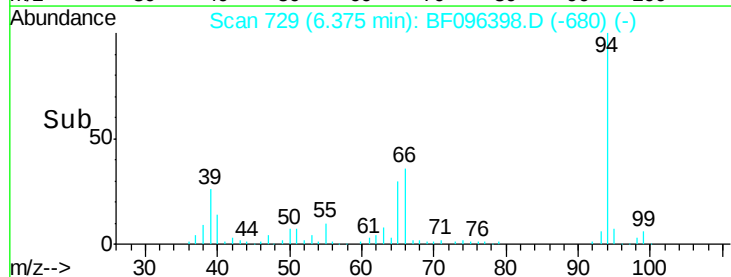
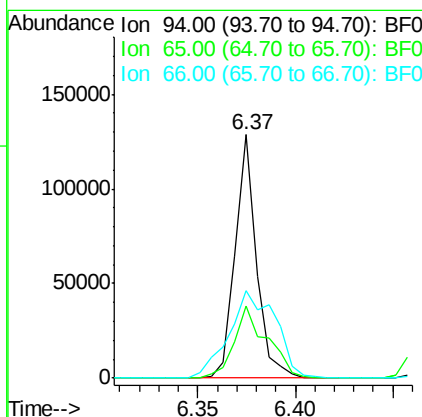
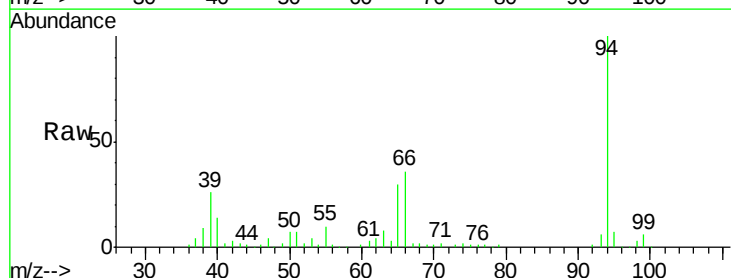
RT: 6.37 min Scan# 729

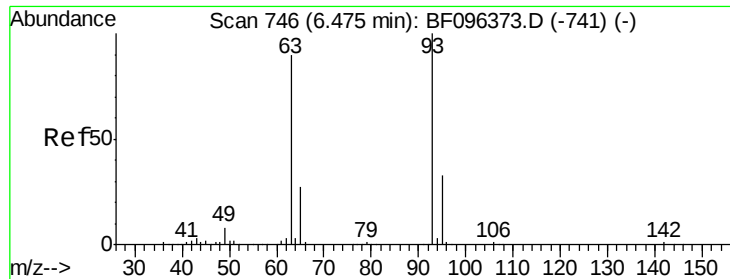
Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	94	Resp:	97305
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	36.0	23.1	63.1





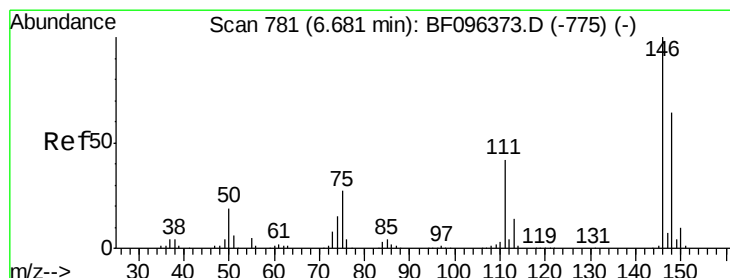
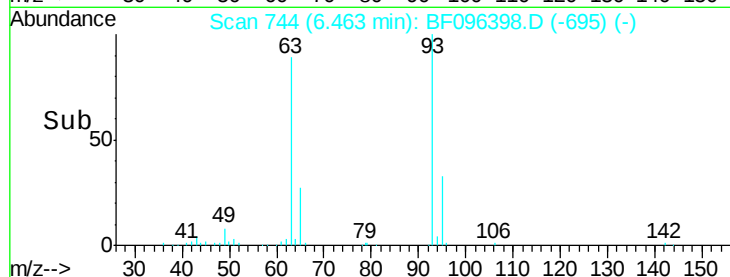
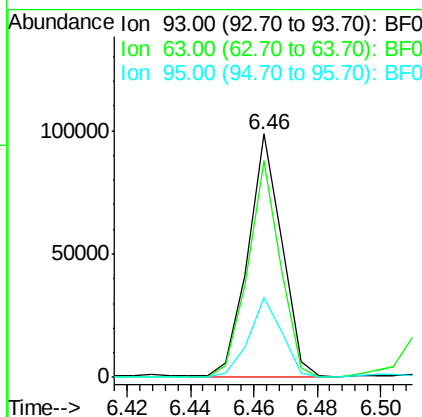
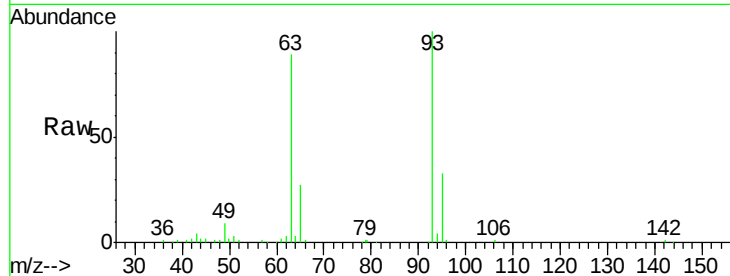
#11
bis(2-Chloroethyl)ether
Concen: 10.112 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.2	59.2	99.2
95	32.9	12.8	52.8

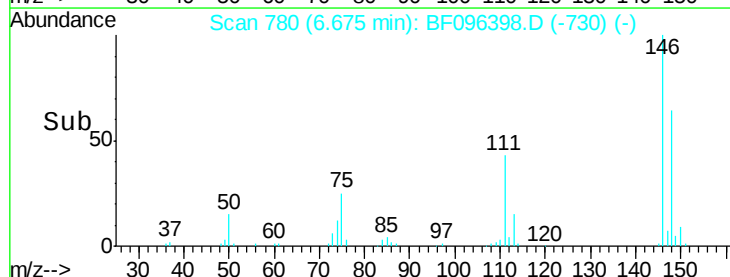
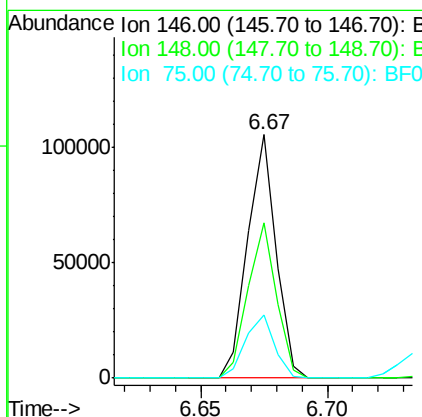
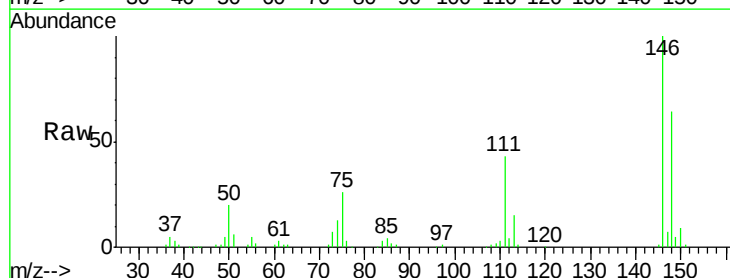
Manual Integrations
APPROVED

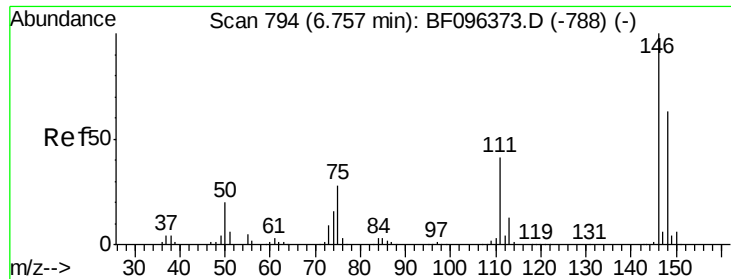
mohammad
7/3/2017 4:03:55 PM



#12
1,3-Dichlorobenzene
Concen: 11.113 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	26.2	23.1	34.7





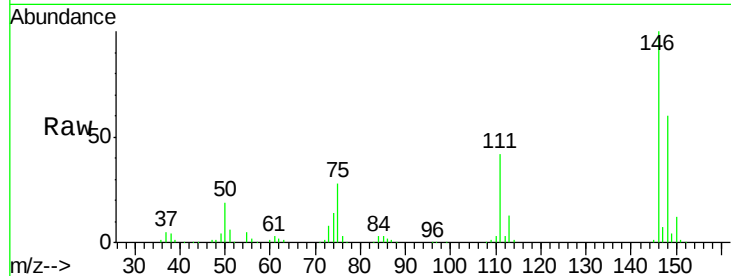
#13
1,4-Dichlorobenzene
Concen: 11.420 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	52.2	78.2
111	42.2	30.3	45.5

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM

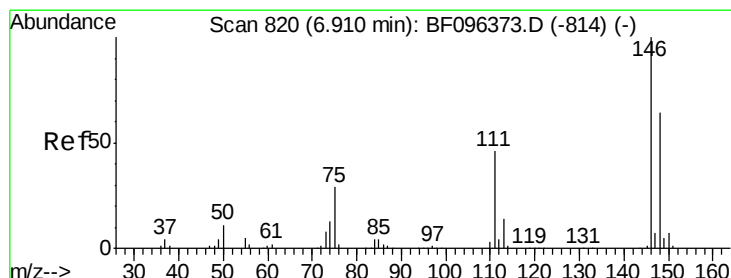
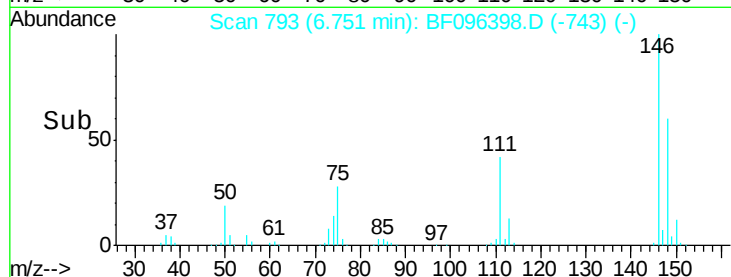
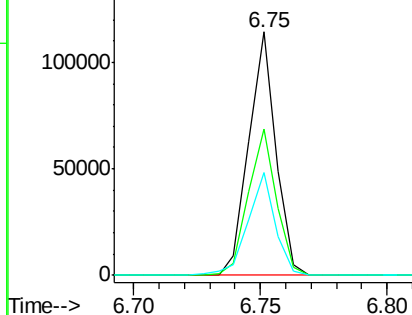


Abundance

Ion 146.00 (145.70 to 146.70): E

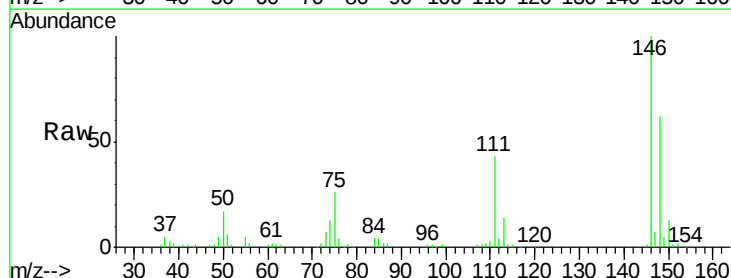
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 11.681 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.4	75.6
111	42.9	38.2	57.4

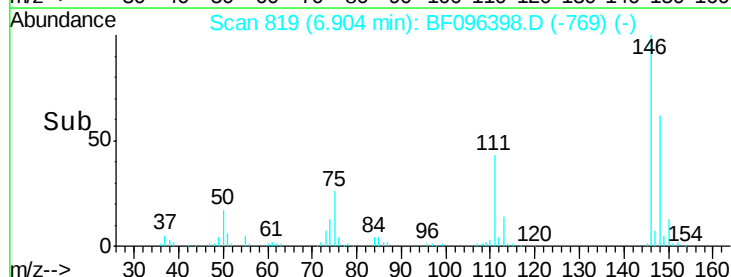
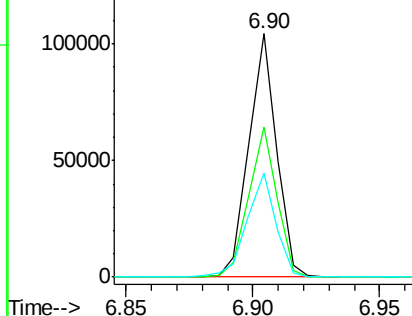


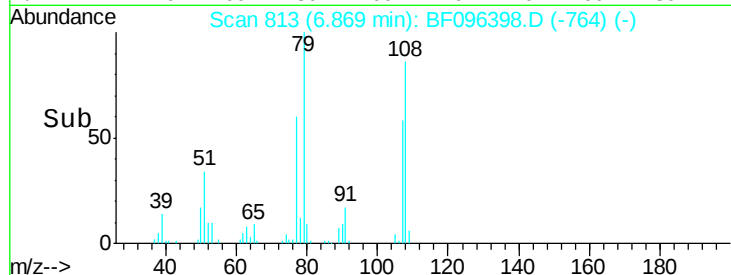
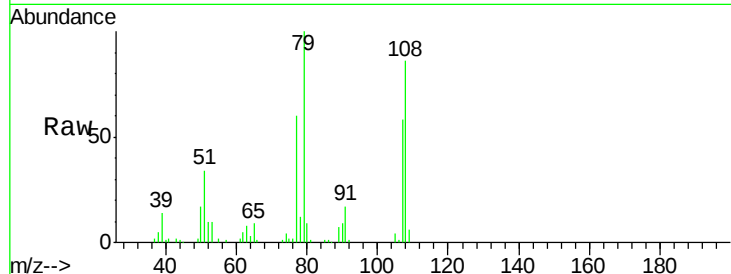
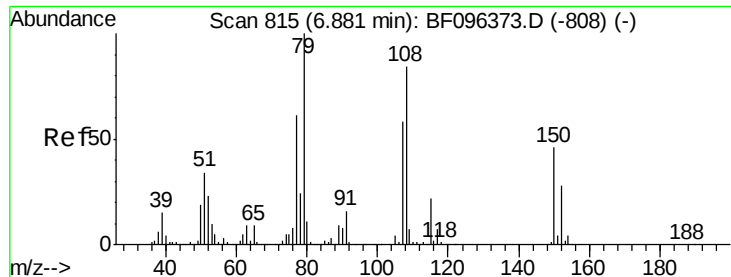
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.441 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	79	Resp:	56973
Ion	Ratio	Lower	Upper
79	100		
108	86.1	63.4	95.0
77	60.2	49.2	73.8

Instrument :

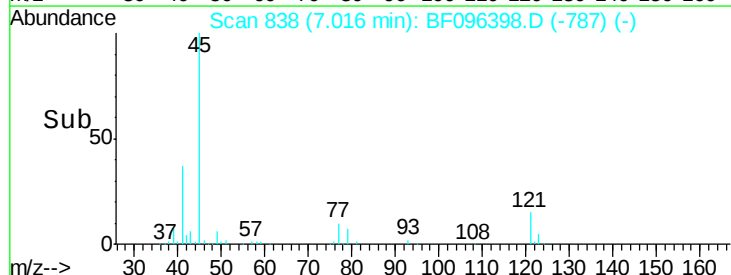
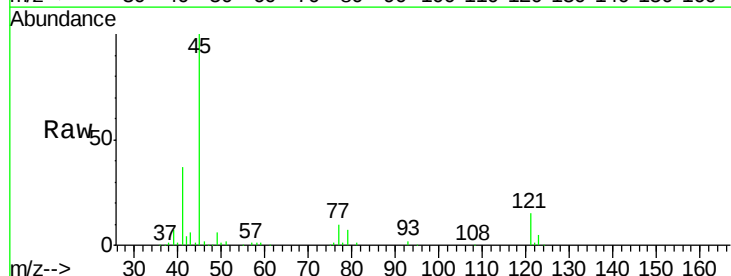
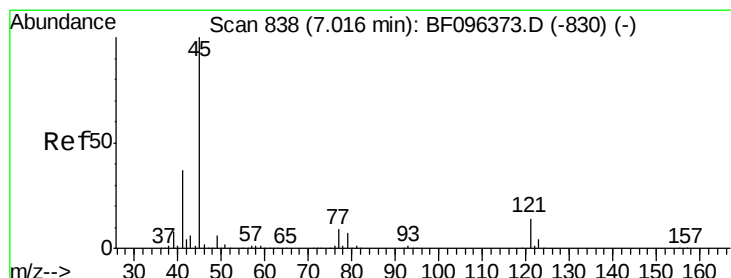
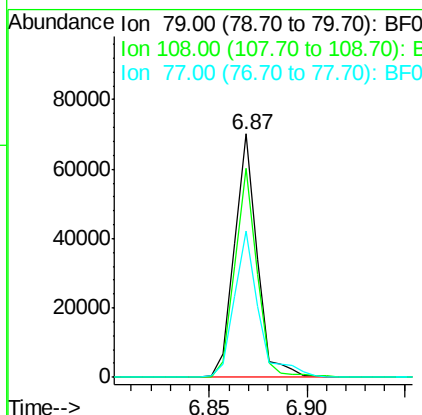
BNA_F

ClientSampleId :

BU-03-062717-DMSD

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.200 ng

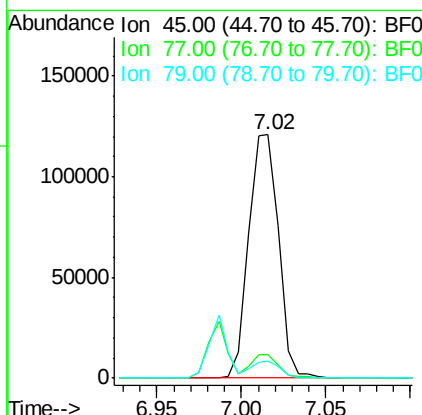
RT: 7.02 min Scan# 838

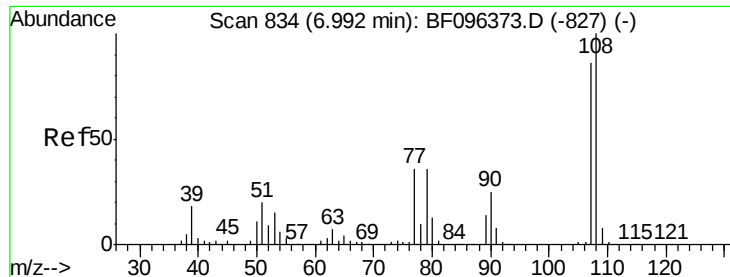
Delta R.T. -0.00 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	45	Resp:	149026
Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	33.2
79	7.0	0.0	30.0





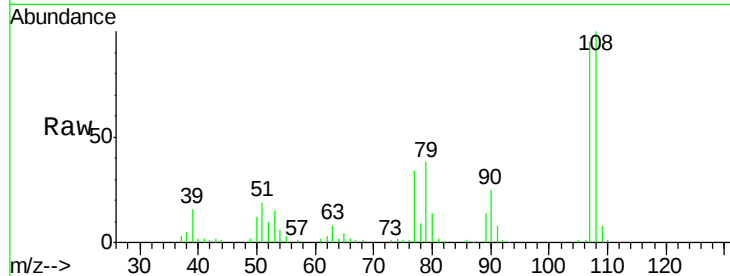
#17
2-Methylphenol
Concen: 10.231 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion:	107	Resp:	57736
Ion	Ratio	Lower	Upper
107	100		
108	105.4	93.4	140.0
77	35.9	35.8	53.6
79	39.7	34.8	52.2

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



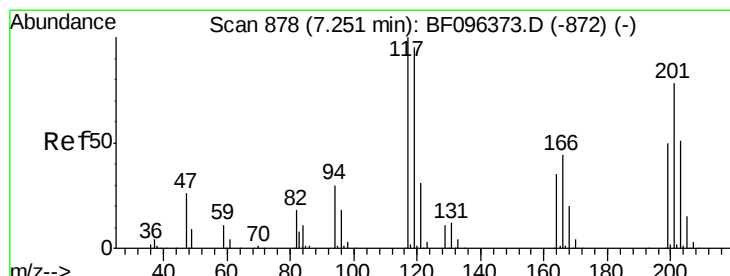
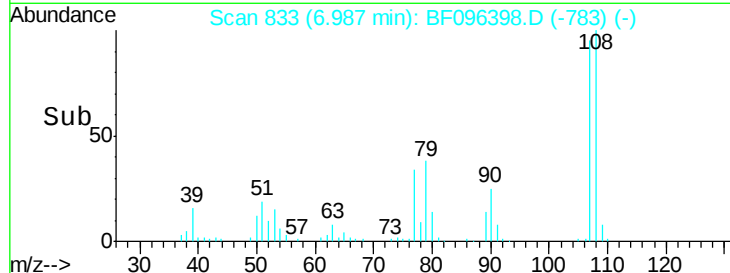
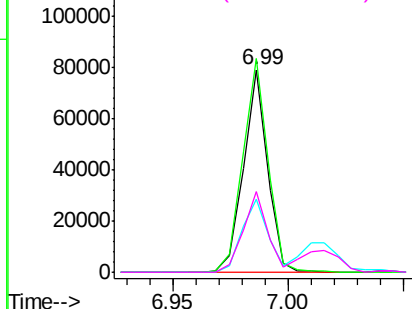
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 7.430 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

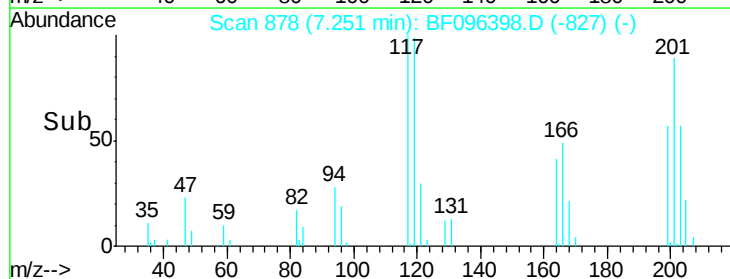
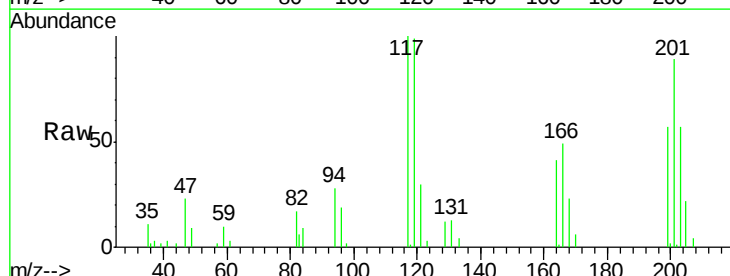
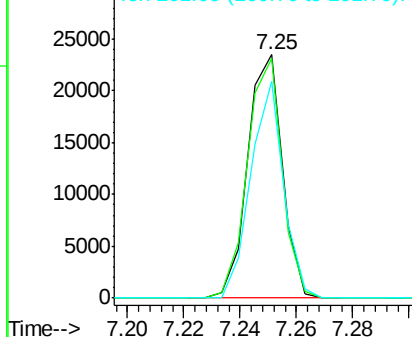
Tgt Ion:	117	Resp:	19990
Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.4	116.0
201	88.9	94.6	141.8#

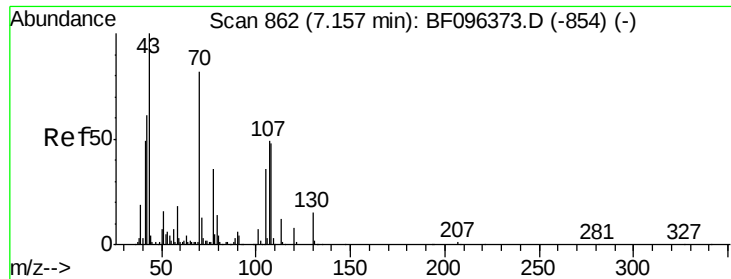
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





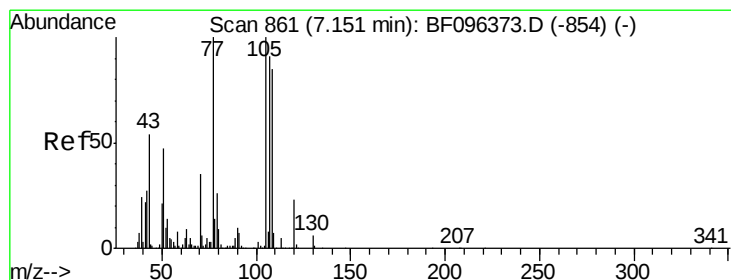
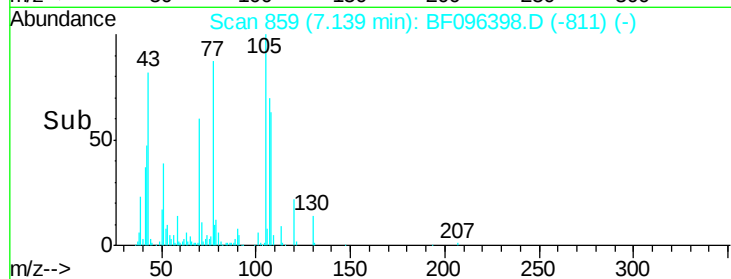
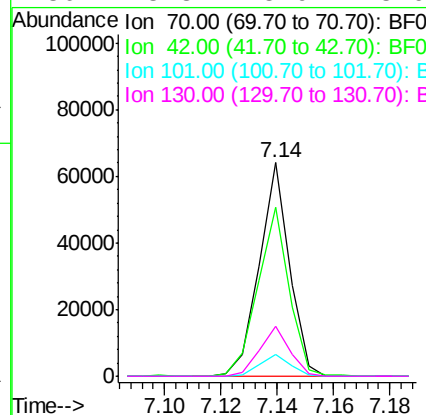
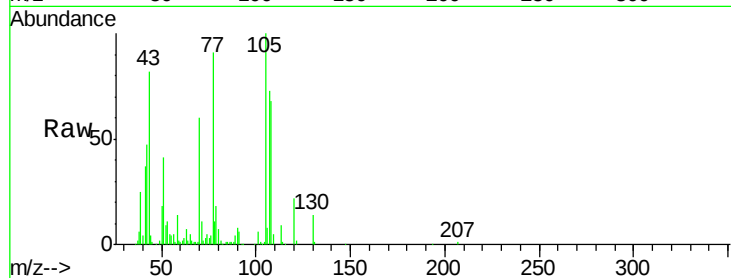
#19
n-Nitroso-di-n-propylamine
Concen: 9.795 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	79.1	47.2	70.8#
101	9.9	7.2	10.8
130	23.3	15.9	23.9

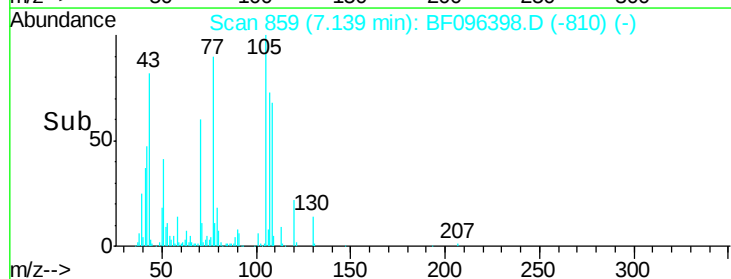
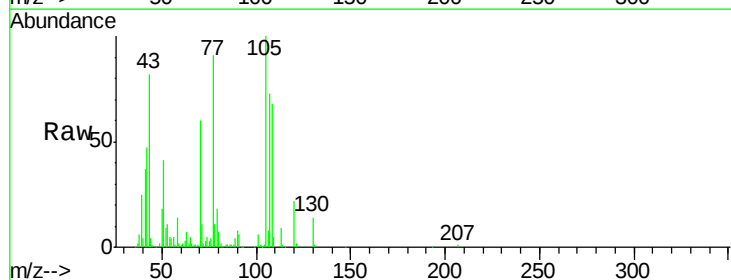
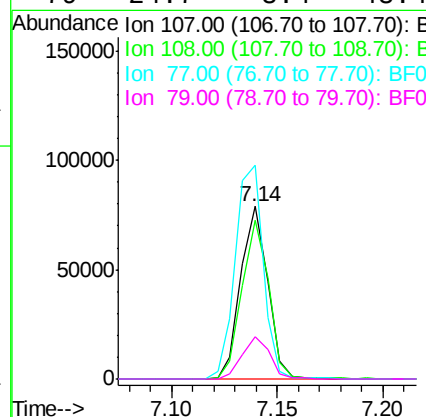
Manual Integrations
APPROVED

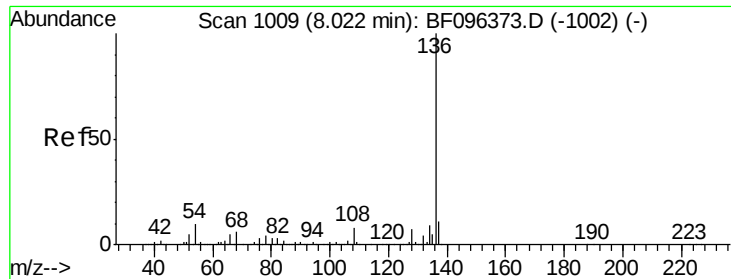
mohammad
7/3/2017 4:03:55 PM



#20
3+4-Methylphenols
Concen: 11.080 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	71.0	111.0
77	124.0	90.5	130.5
79	24.7	8.4	48.4





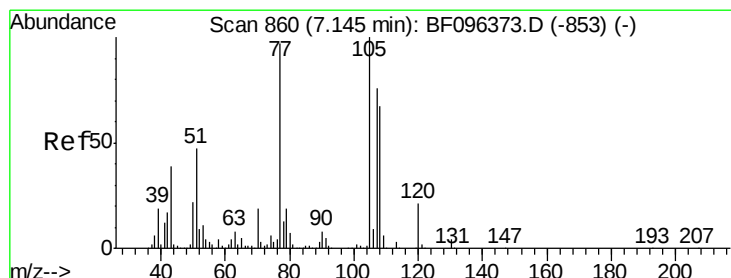
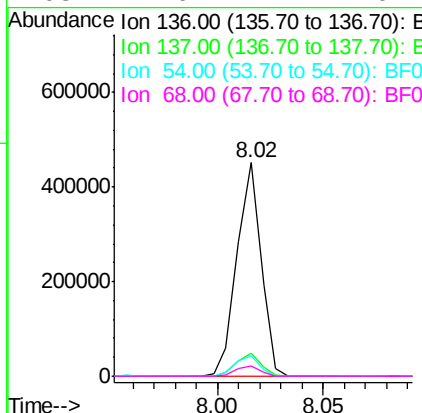
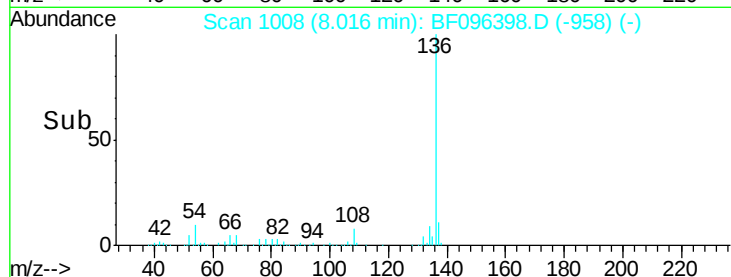
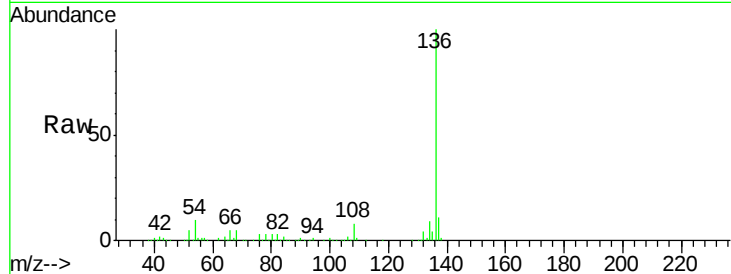
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	356890		
137	10.9	8.5	12.7	
54	9.6	4.9	7.3	
68	4.6	4.1	6.1	

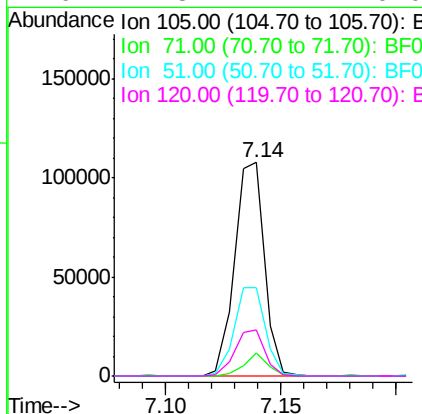
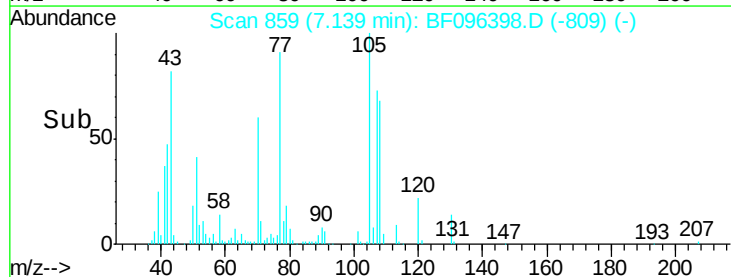
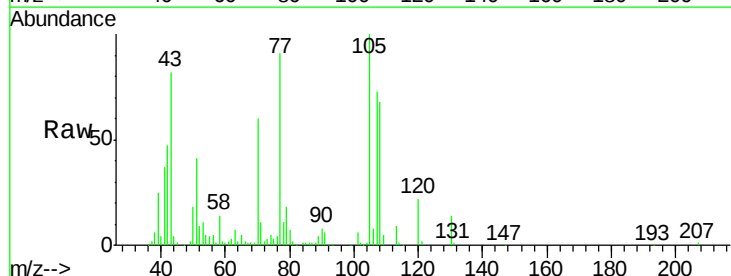
Manual Integrations
APPROVED

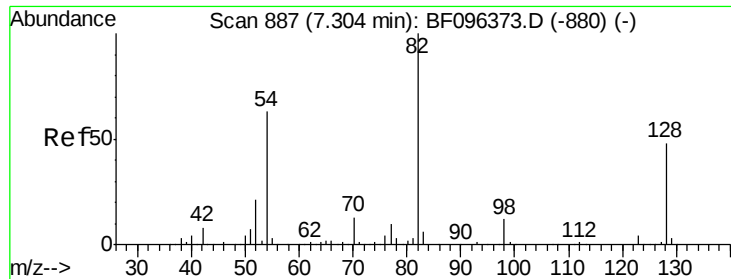
mohammad
7/3/2017 4:03:55 PM



#22
Acetophenone
Concen: 12.462 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	97183		
71	10.5	2.8	4.2	
51	41.5	30.7	46.1	
120	21.8	17.4	26.0	





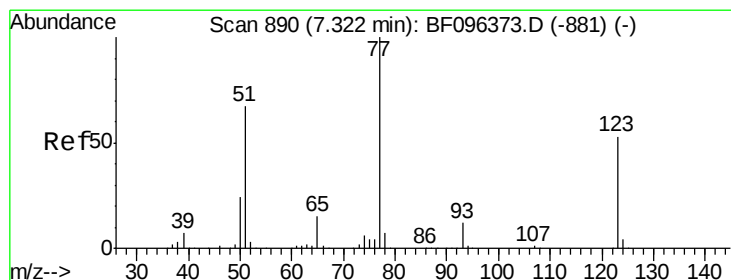
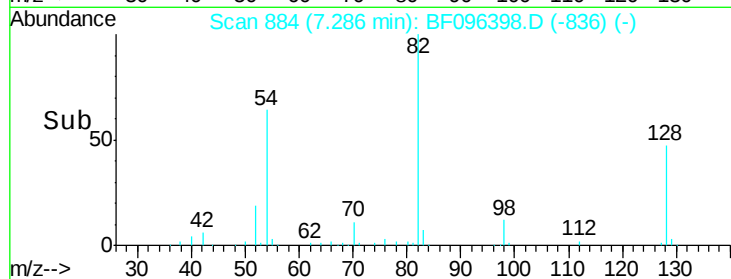
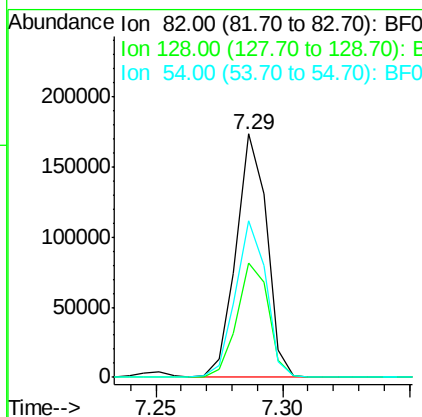
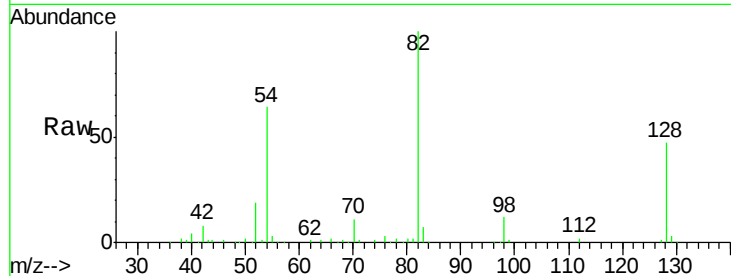
#23
 Nitrobenzene-d5
 Concen: 24.629 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	146275		
128	46.7	34.0	51.0	
54	64.3	42.2	63.2#	

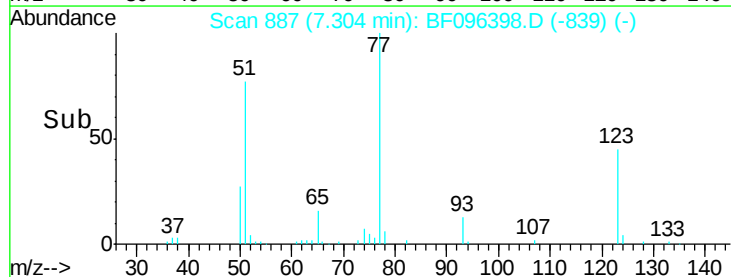
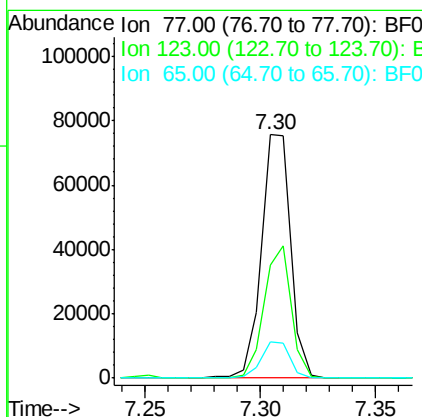
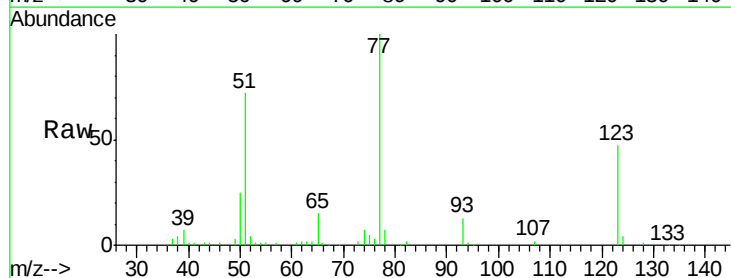
Manual Integrations
 APPROVED

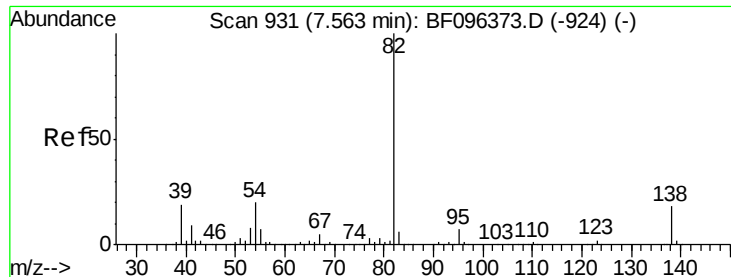
mohammad
 7/3/2017 4:03:55 PM



#24
 Nitrobenzene
 Concen: 10.738 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	66903		
123	46.5	35.8	53.8	
65	14.8	10.6	15.8	





#25

Isophorone

Concen: 10.189 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

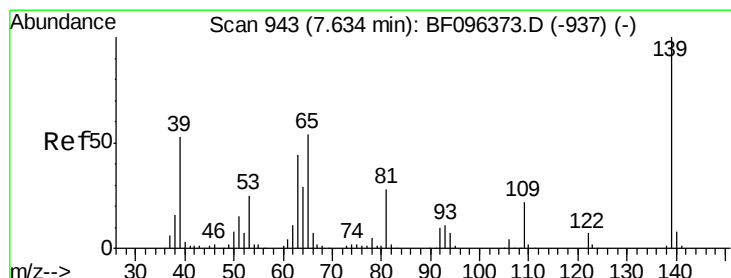
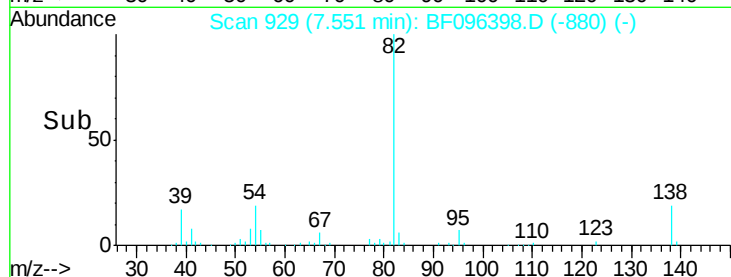
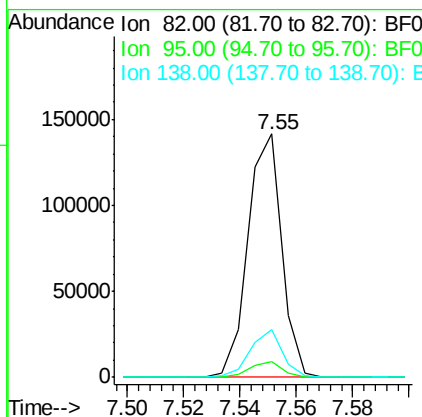
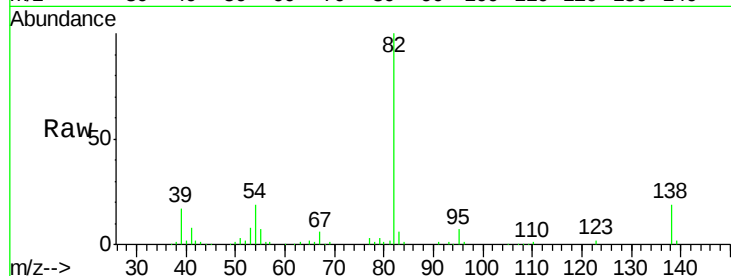
ClientSampleId :

BU-03-062717-DMSD

Tgt Ion:	82	Resp:	117334
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	19.5	13.1	19.7

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#26

2-Nitrophenol

Concen: 3.447 ng

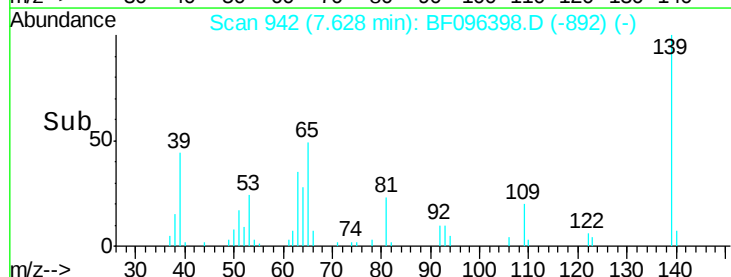
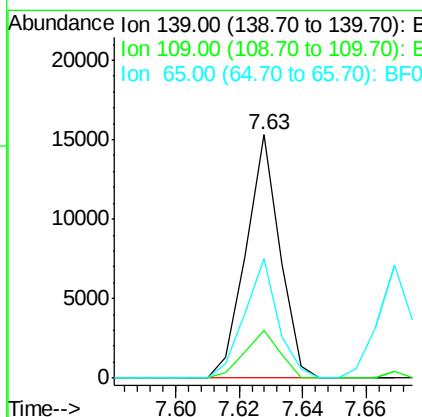
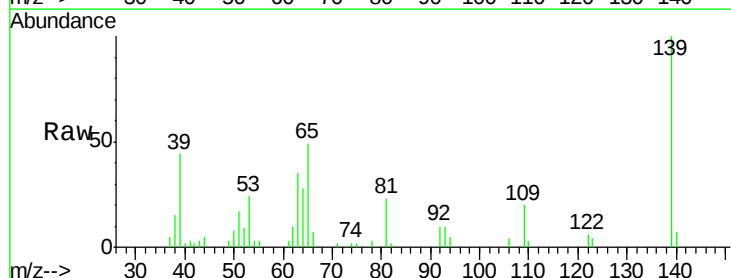
RT: 7.63 min Scan# 942

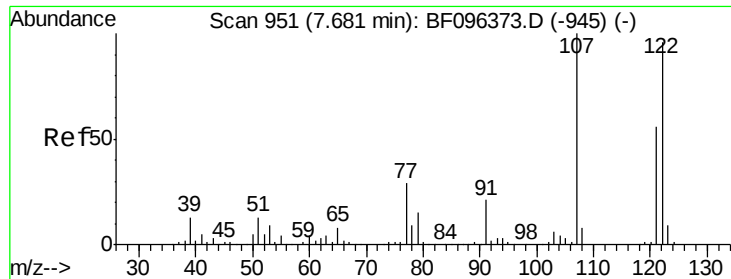
Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	139	Resp:	11368
Ion Ratio	Lower	Upper	
139	100		
109	19.5	21.0	31.6#
65	49.1	33.0	49.6





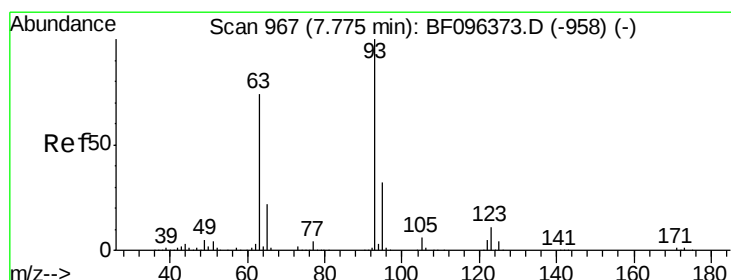
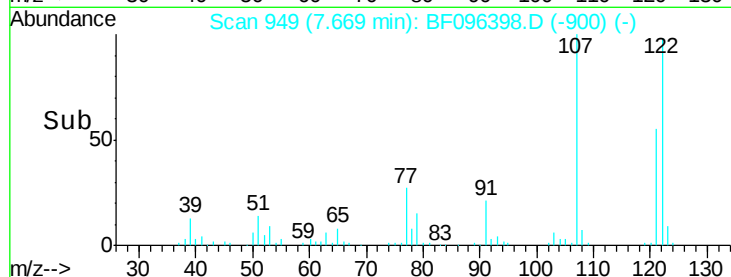
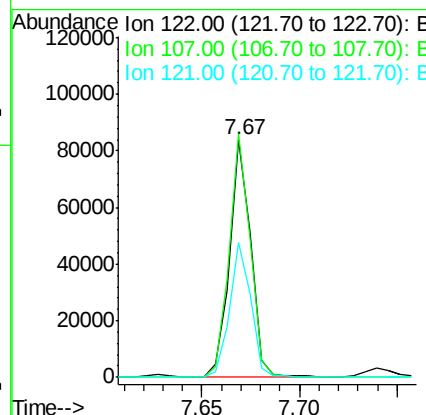
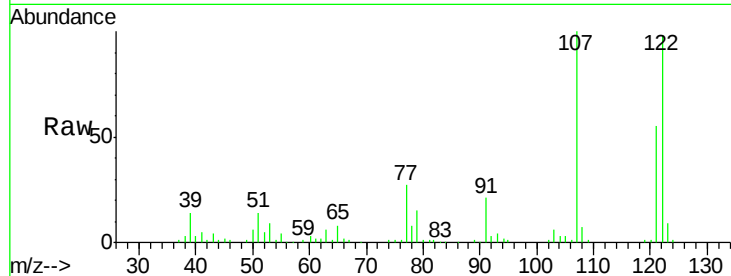
#27
 2,4-Dimethylphenol
 Concen: 11.290 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	102.5	89.2	133.8
121	56.7	45.2	67.8

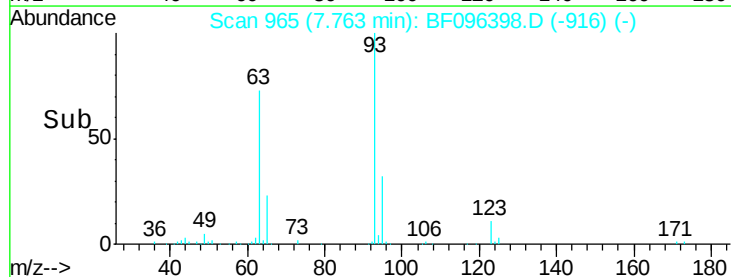
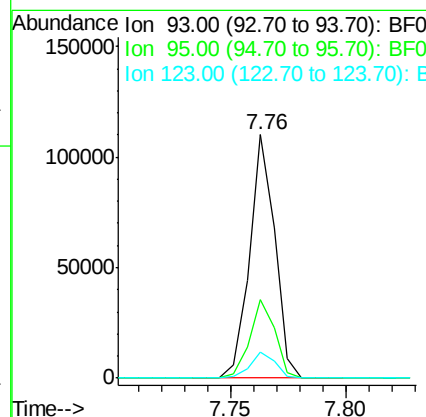
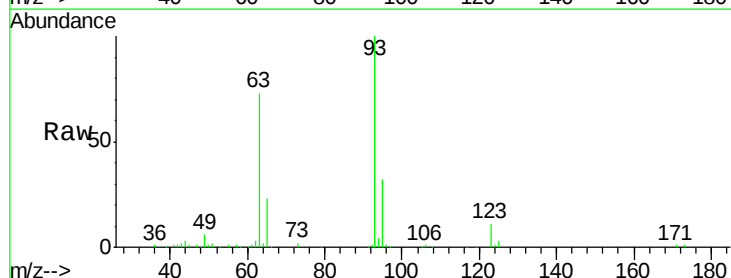
Manual Integrations
 APPROVED

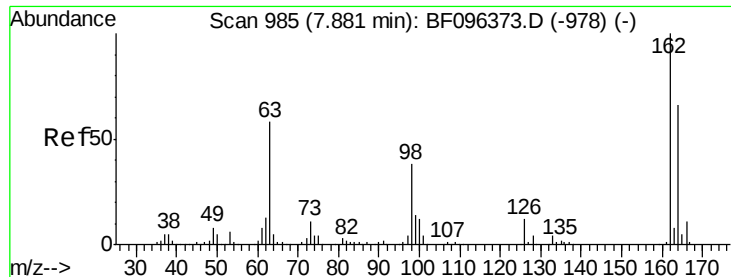
mohammad
 7/3/2017 4:03:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.066 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.6	9.0	13.4





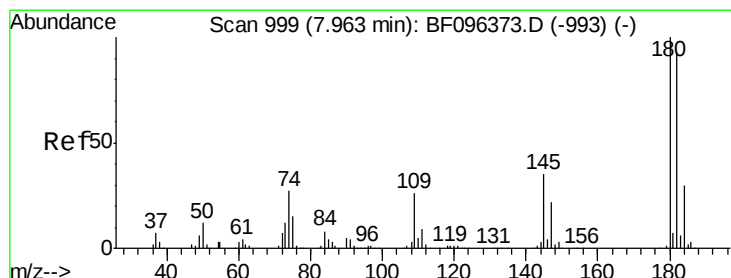
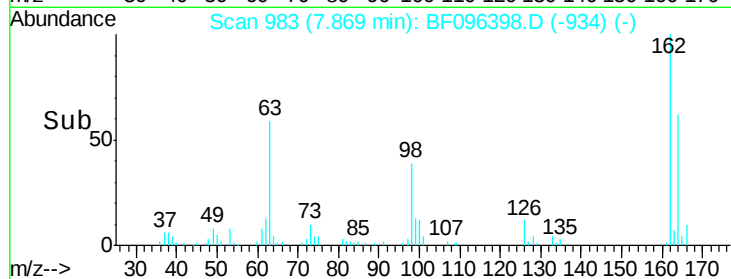
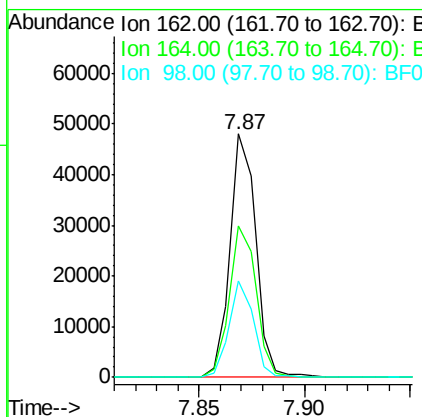
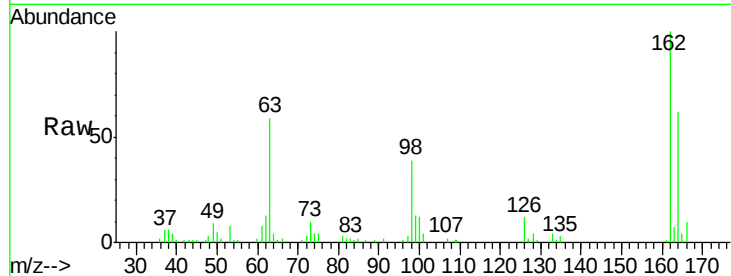
#29
 2,4-Dichlorophenol
 Concen: 8.372 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	40562		
164	62.2	44.6	84.6	
98	39.4	14.8	54.8	

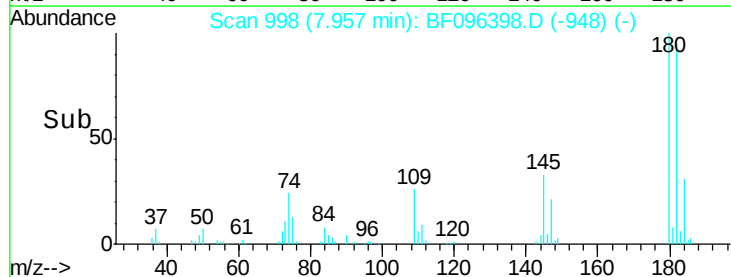
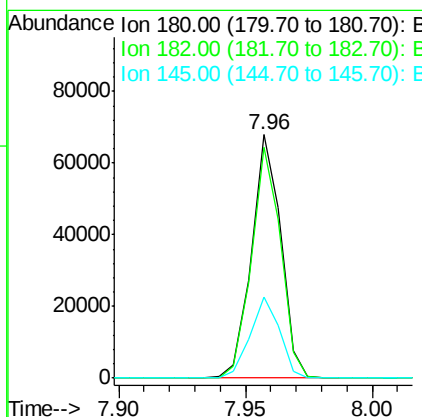
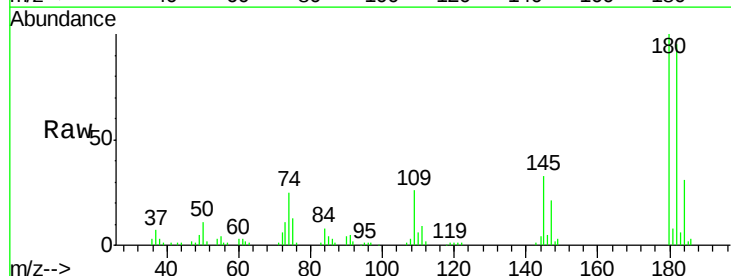
Manual Integrations
 APPROVED

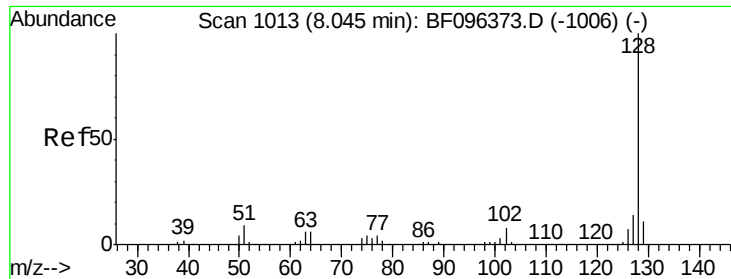
mohammad
 7/3/2017 4:03:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 11.960 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	54657		
182	95.0	75.8	113.6	
145	33.4	25.3	37.9	





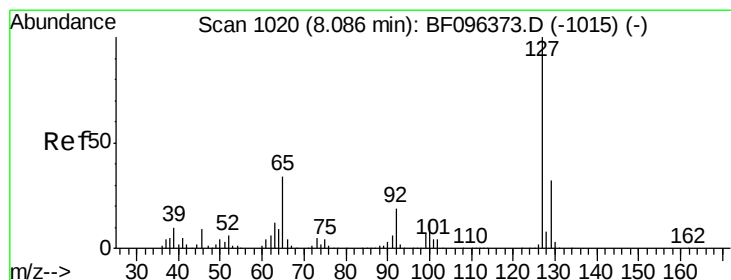
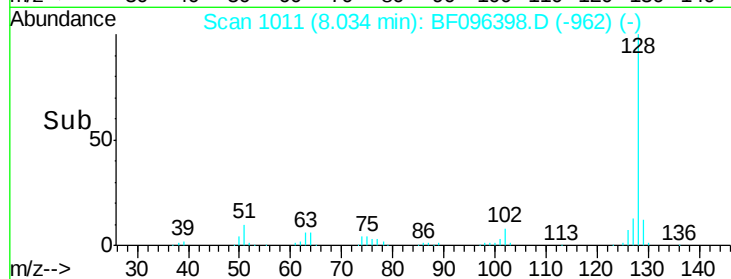
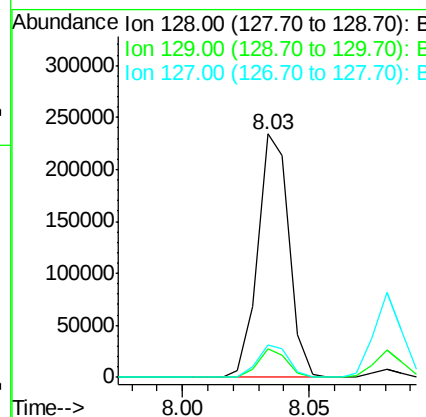
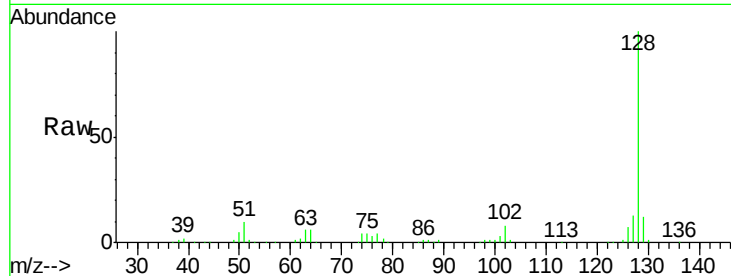
#31
Naphthalene
Concen: 11.890 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	200333		
129	11.6		9.0	13.6
127	13.2		10.8	16.2

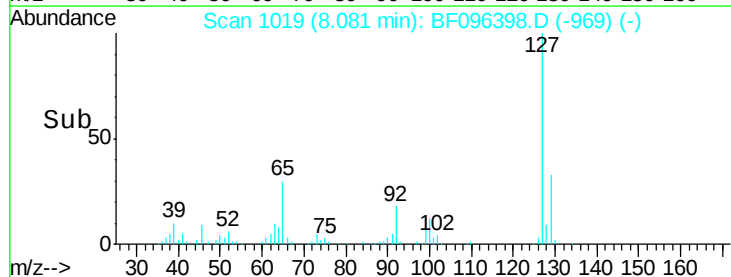
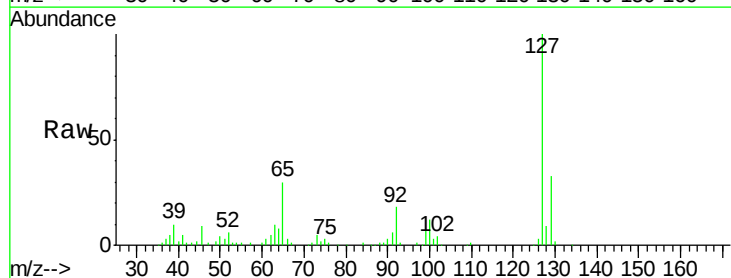
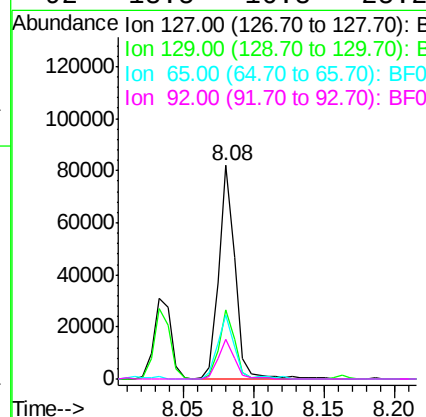
Manual Integrations
APPROVED

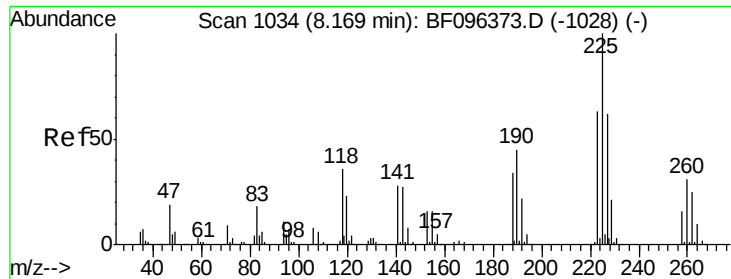
mohammad
7/3/2017 4:03:55 PM



#33
4-Chloroaniline
Concen: 9.437 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	66046		
129	32.6		26.2	39.2
65	30.0		27.8	41.8
92	18.5		16.8	25.2





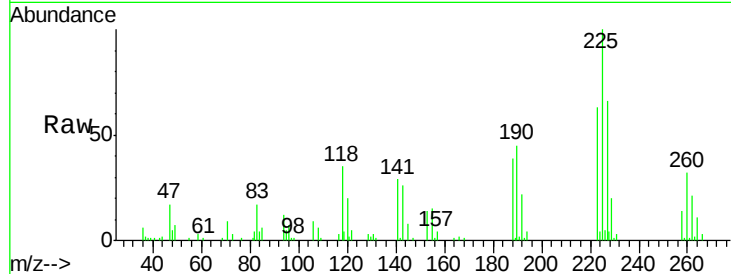
#34
Hexachlorobutadiene
Concen: 12.082 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

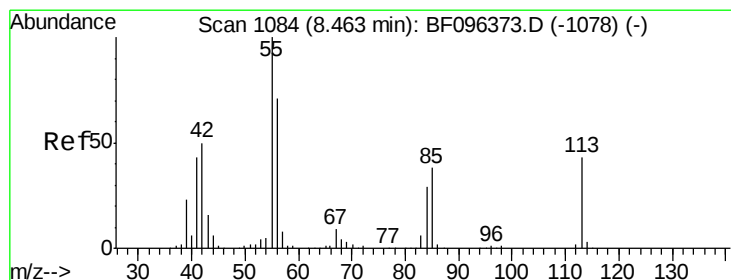
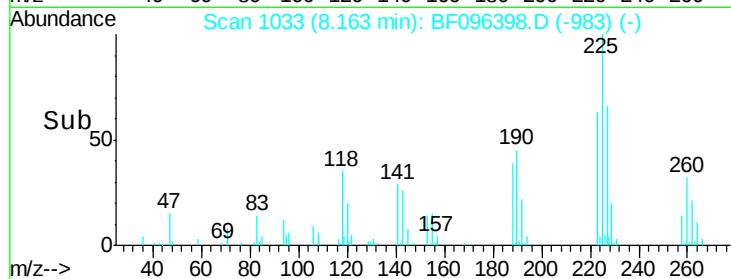
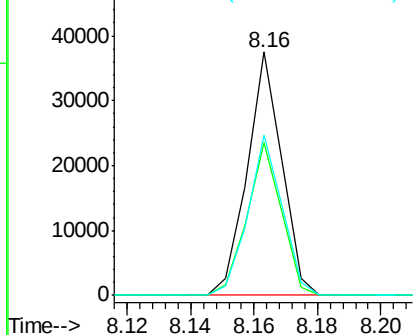
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	65.9	51.1	76.7

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



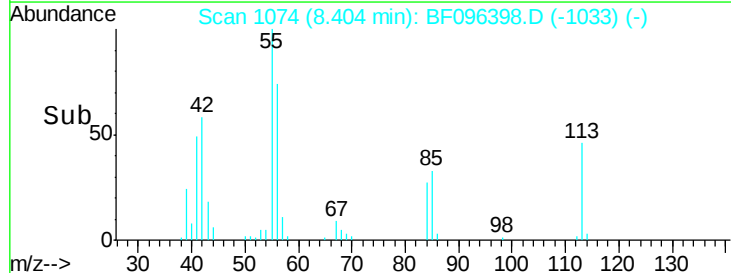
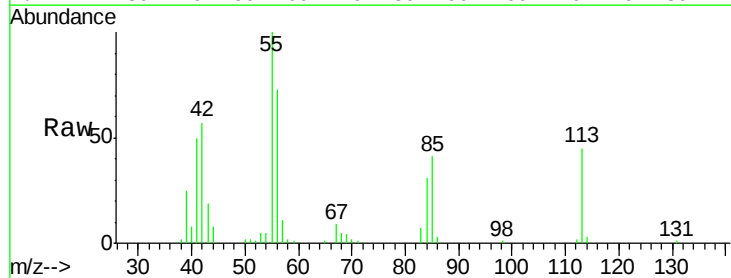
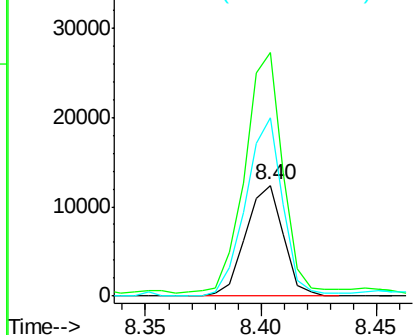
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

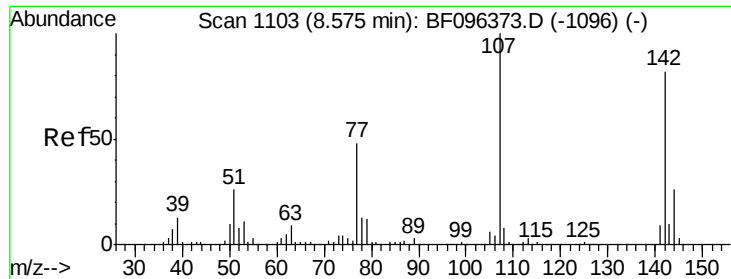


#35
Caprolactam
Concen: 8.390 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.06 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
113	100		
55	220.1	150.2	190.2#
56	161.1	107.8	147.8#

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





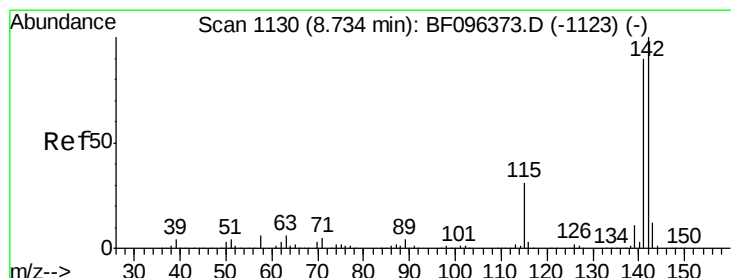
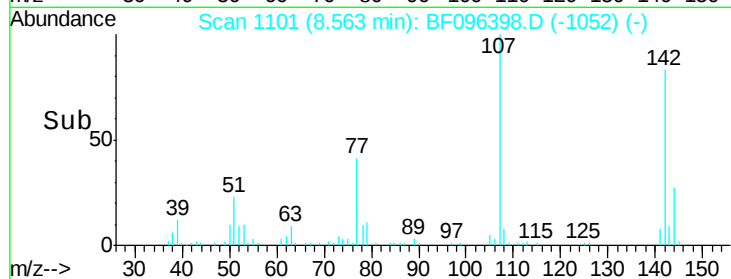
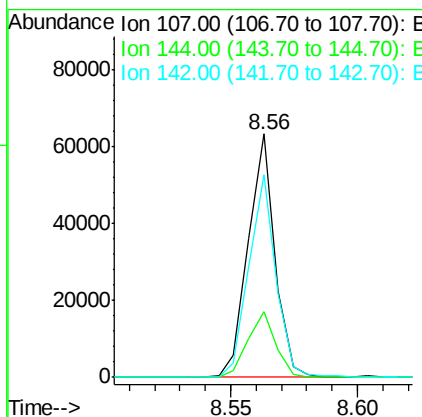
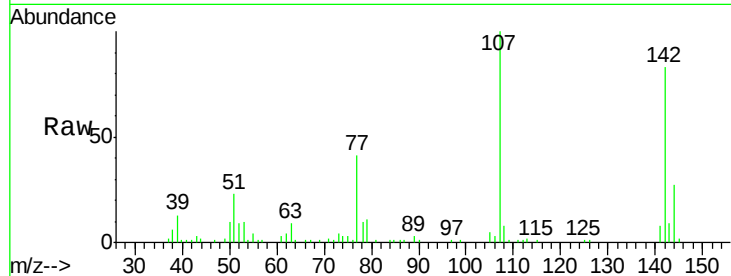
#36
 4-Chloro-3-methylphenol
 Concen: 8.671 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	46484		
144	26.8	24.2	36.4	
142	83.3	73.4	110.0	

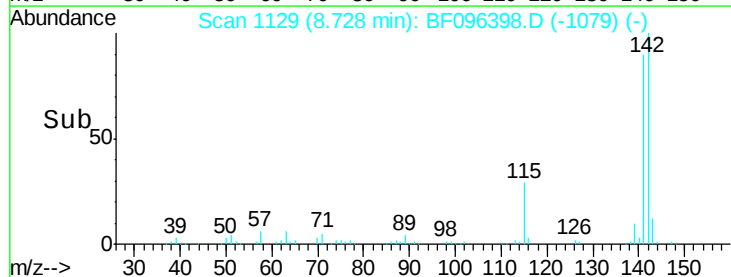
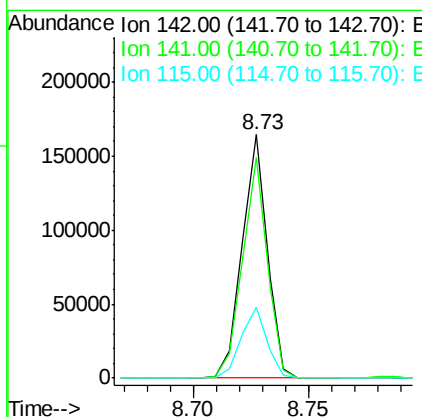
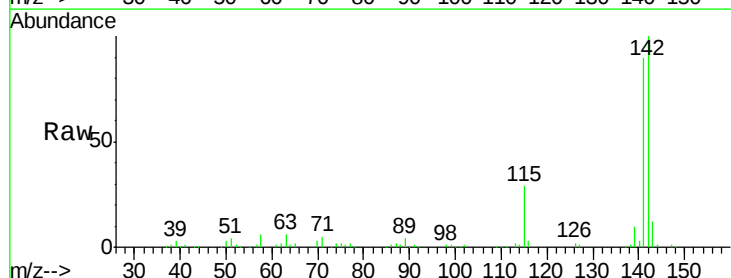
Manual Integrations
 APPROVED

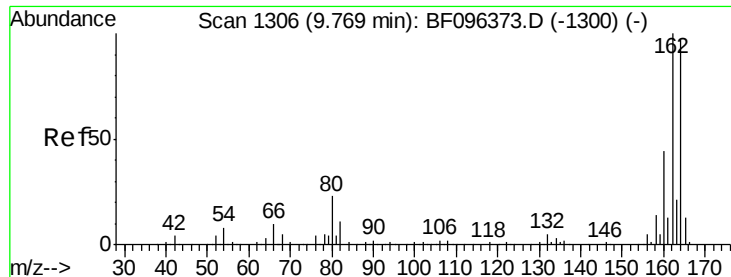
mohammad
 7/3/2017 4:03:55 PM



#37
 2-Methylnaphthalene
 Concen: 11.744 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	125956		
141	90.4	71.3	106.9	
115	28.9	27.1	40.7	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

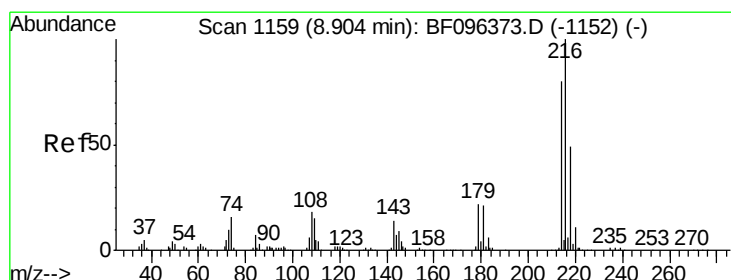
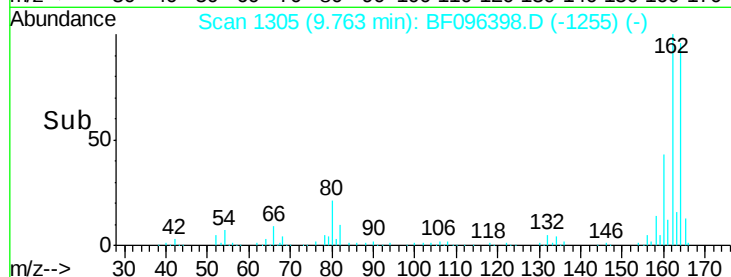
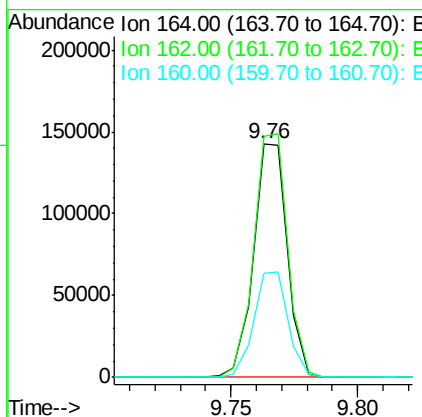
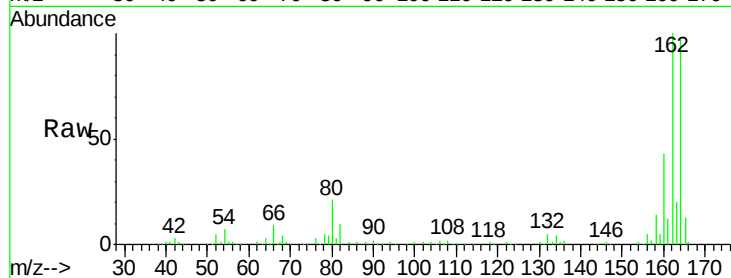
ClientSampleId :

BU-03-062717-DMSD

Tgt Ion:	164	Resp:	131685
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.6	123.8
160	44.4	36.2	54.2

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 12.955 ng

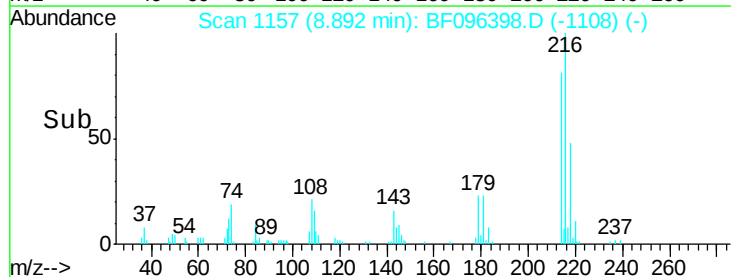
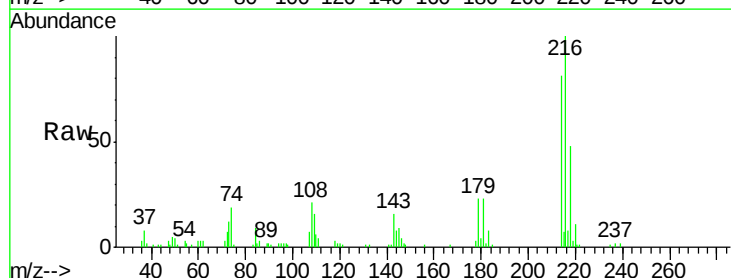
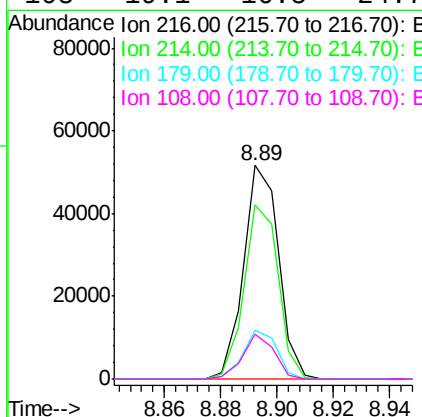
RT: 8.89 min Scan# 1157

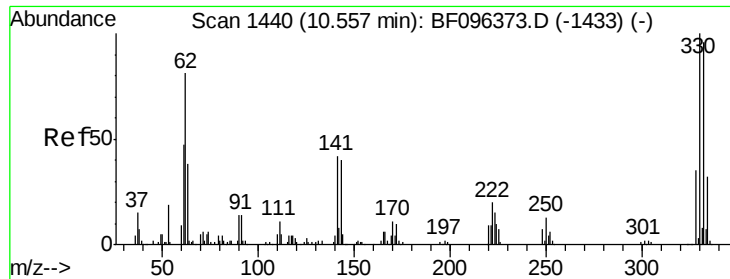
Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	216	Resp:	44297
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.2
179	22.2	17.9	26.9
108	19.1	16.5	24.7





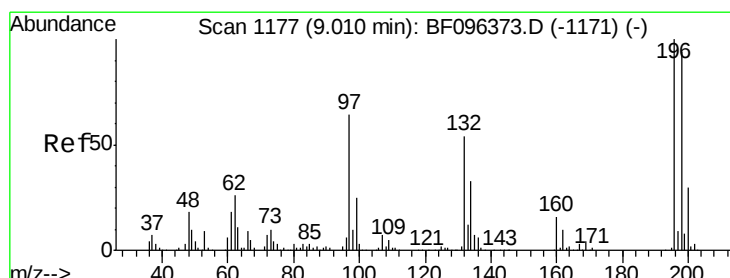
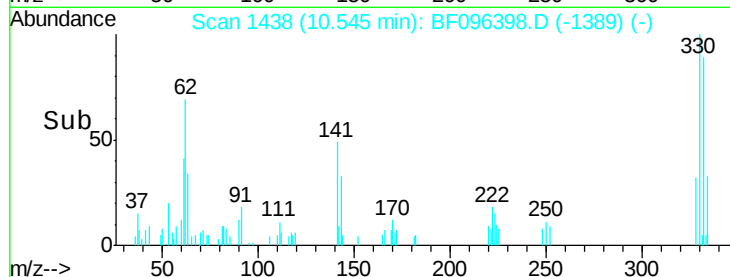
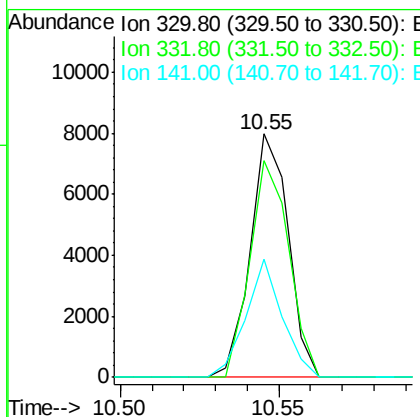
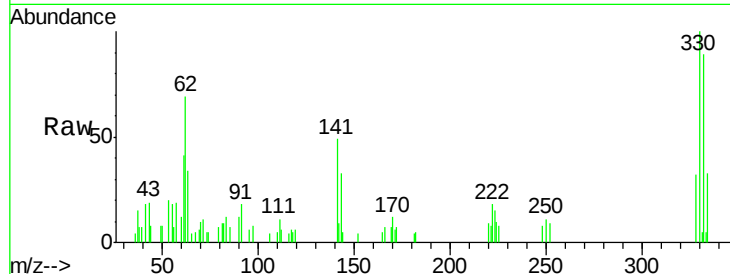
#41
 2,4,6-Tribromophenol
 Concen: 6.478 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.8	76.6	115.0
141	46.3	31.4	47.2

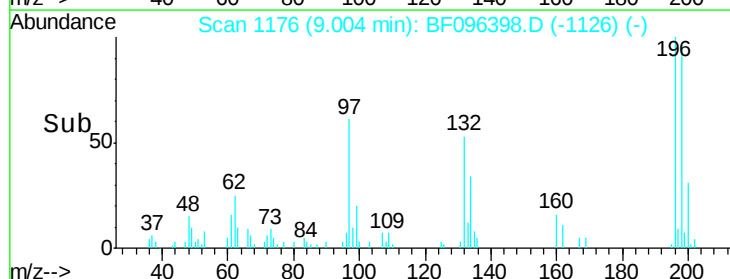
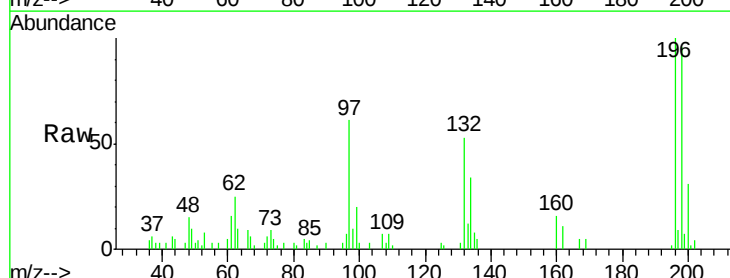
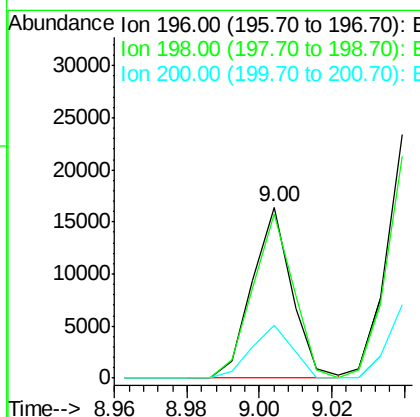
Manual Integrations
 APPROVED

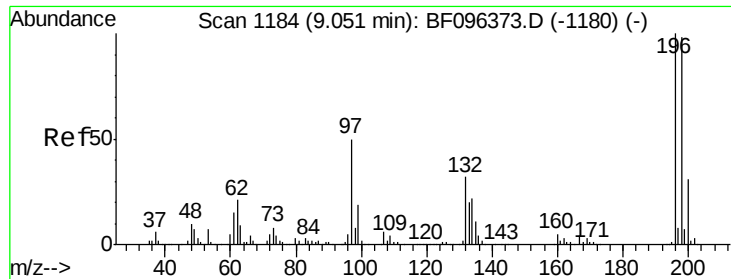
mohammad
 7/3/2017 4:03:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 4.614 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.4
200	30.7	24.0	36.0





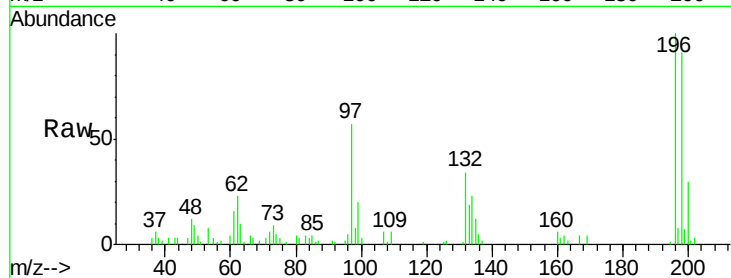
#43
 2,4,5-Trichlorophenol
 Concen: 6.864 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

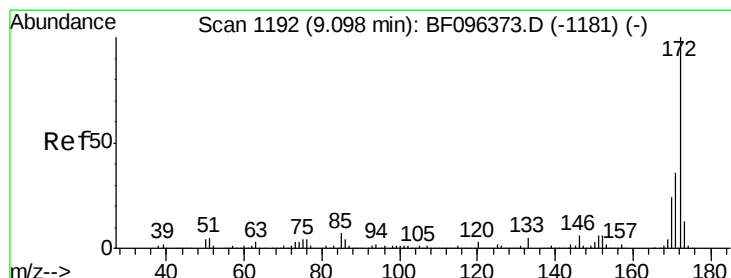
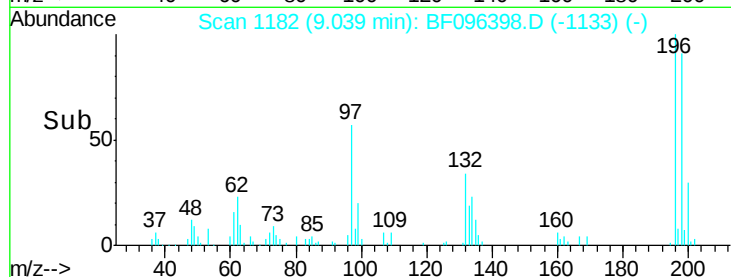
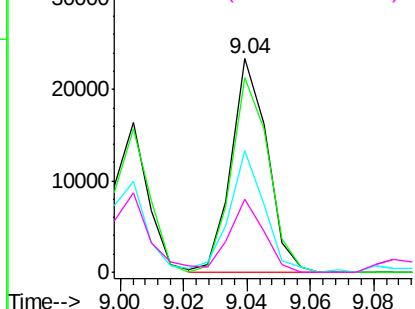
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	18357		
198	91.3	75.7	113.5	
97	56.9	47.7	71.5	
132	34.0	28.0	42.0	

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:55 PM

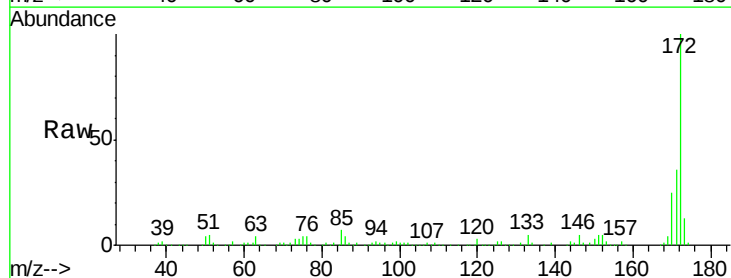


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

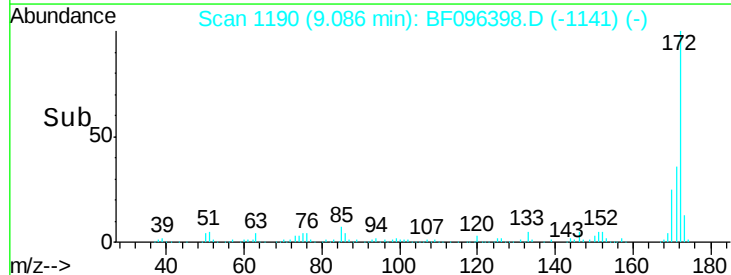
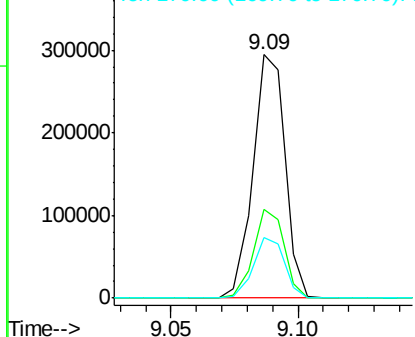


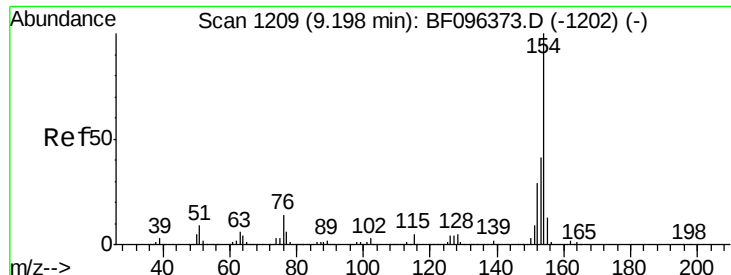
#44
 2-Fluorobiphenyl
 Concen: 33.942 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	261421		
171	36.3	29.6	44.4	
170	25.0	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





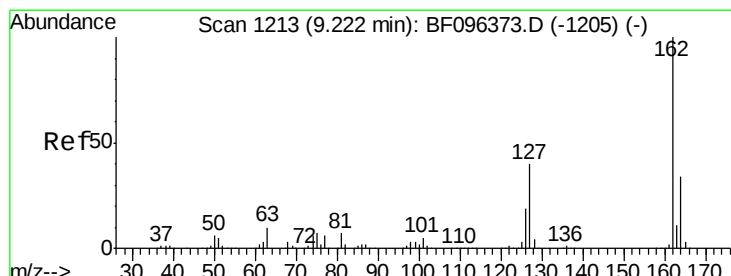
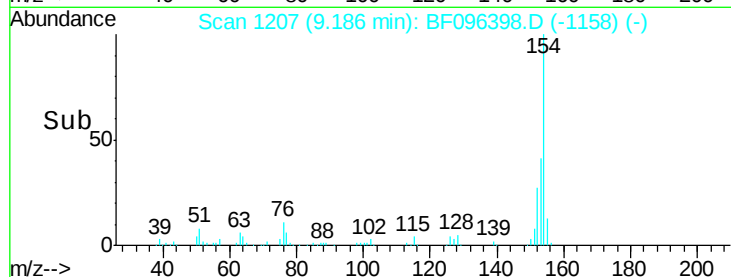
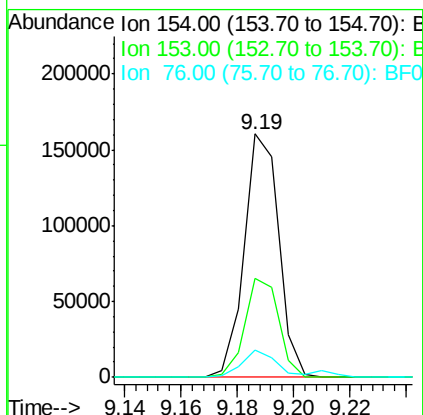
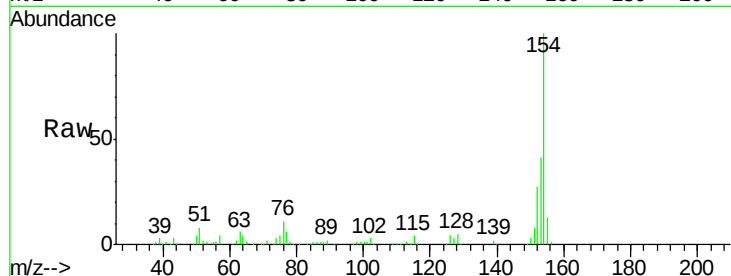
#45
1,1'-Biphenyl
Concen: 12.050 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	135957		
153	40.6	21.2	61.2	
76	11.4	0.0	29.9	

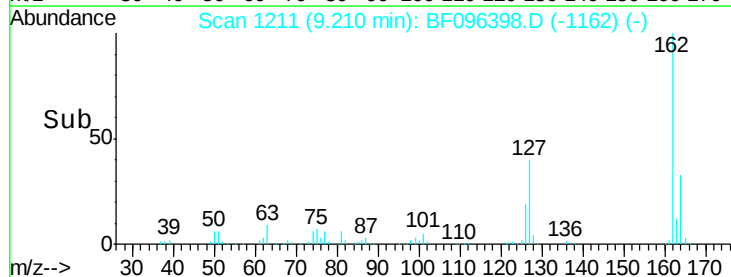
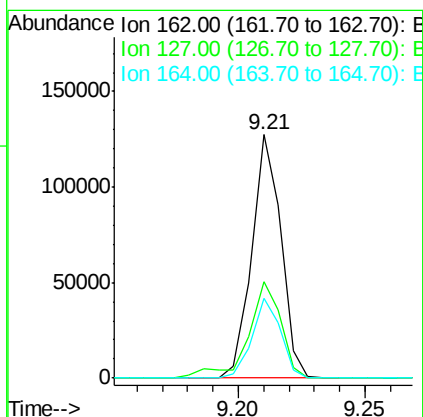
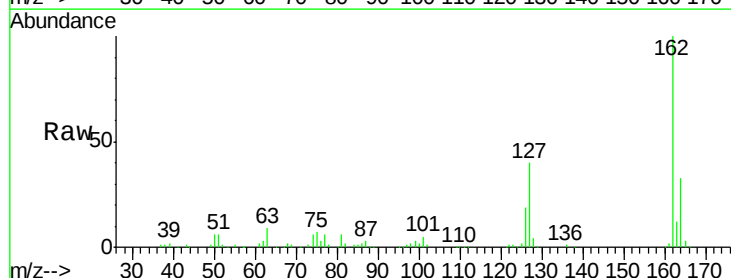
Manual Integrations
APPROVED

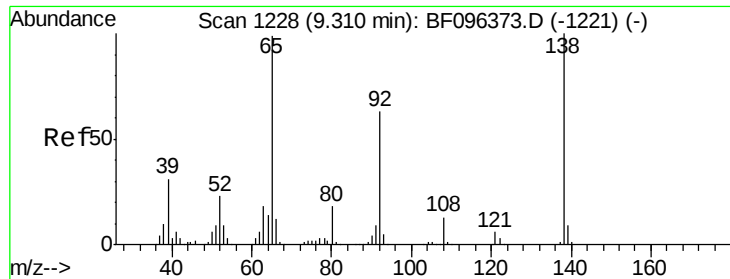
mohammad
7/3/2017 4:03:55 PM



#46
2-Chloronaphthalene
Concen: 12.171 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	102339		
127	39.7	28.3	42.5	
164	33.0	27.0	40.4	





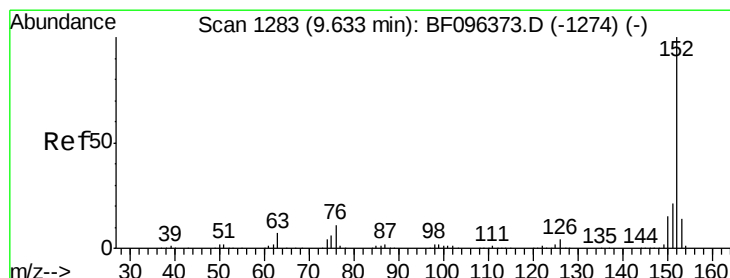
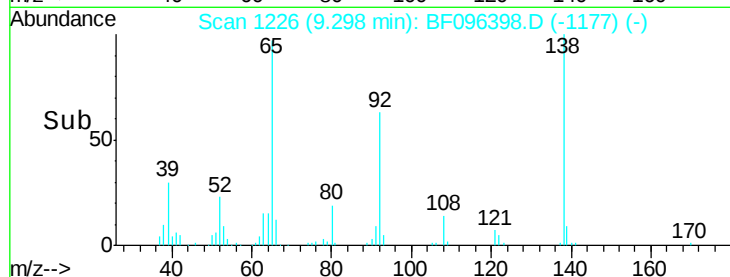
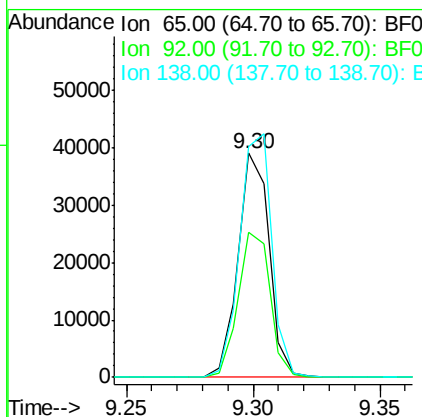
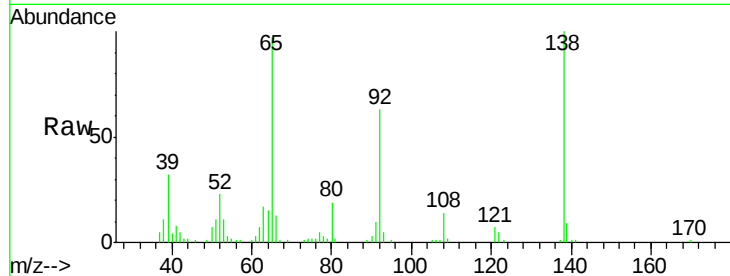
#47
2-Nitroaniline
Concen: 10.852 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	103.0	78.8	118.2

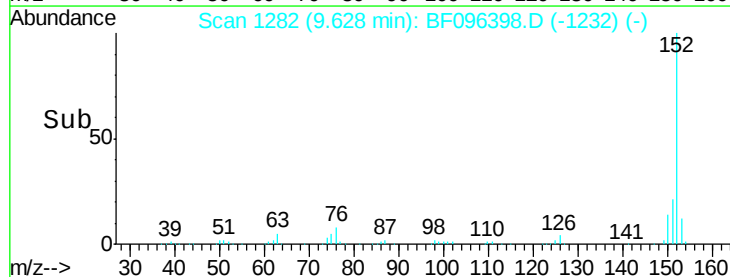
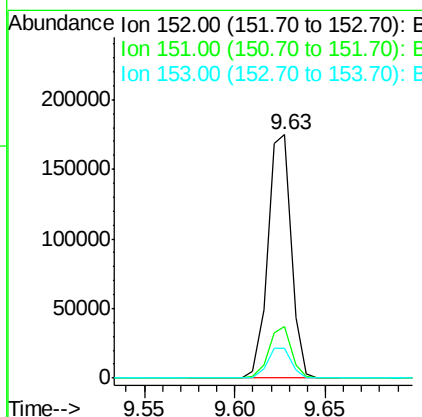
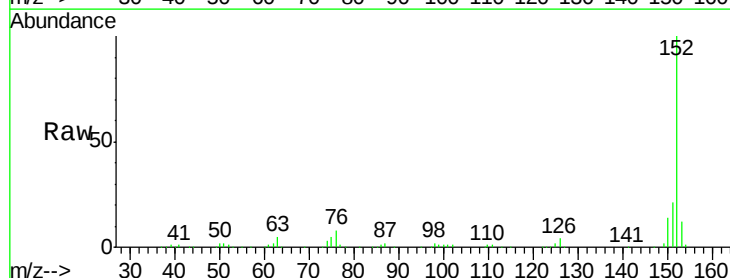
Manual Integrations
APPROVED

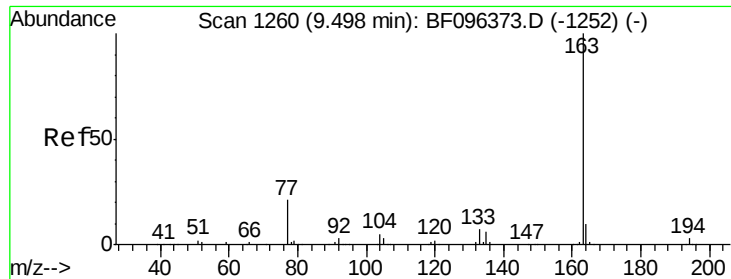
mohammad
7/3/2017 4:03:55 PM



#48
Acenaphthylene
Concen: 11.827 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	12.3	10.8	16.2





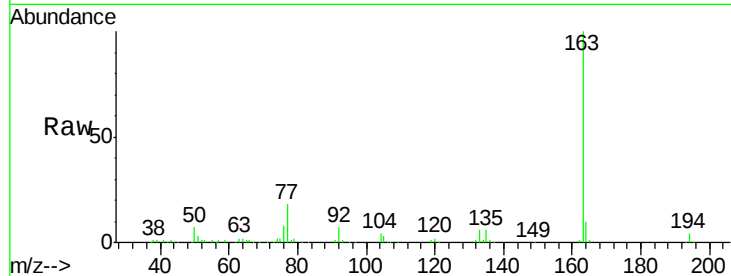
#49
Dimethylphthalate
Concen: 15.326 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

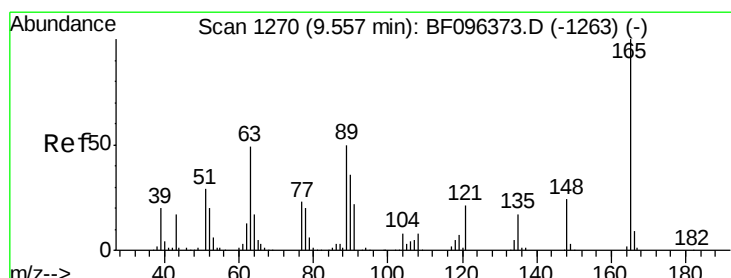
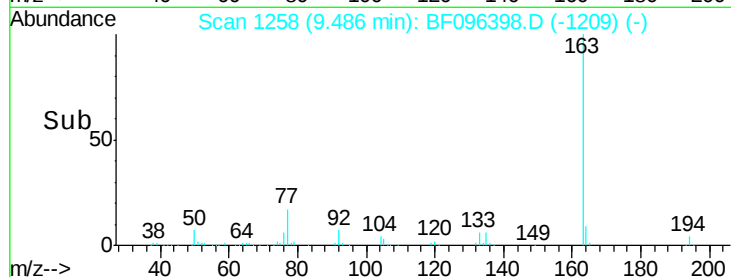
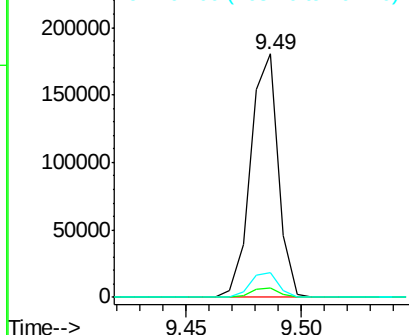
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM

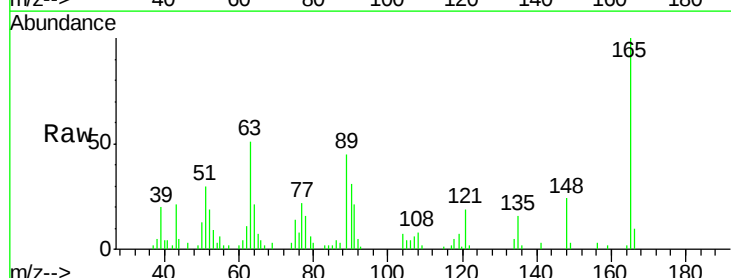


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

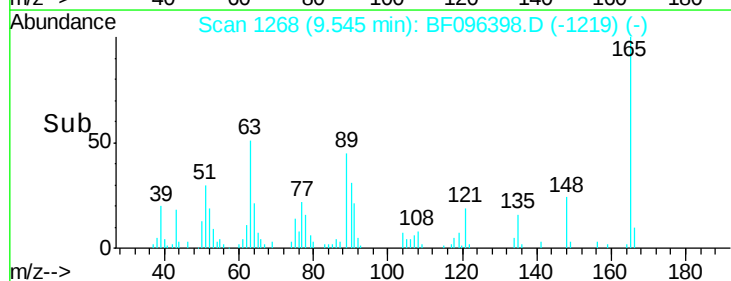
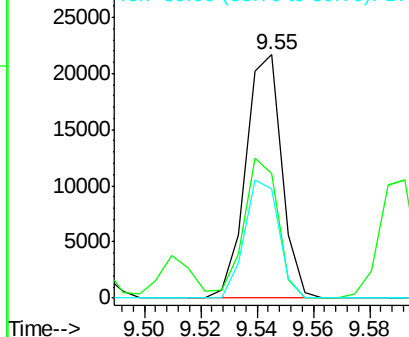


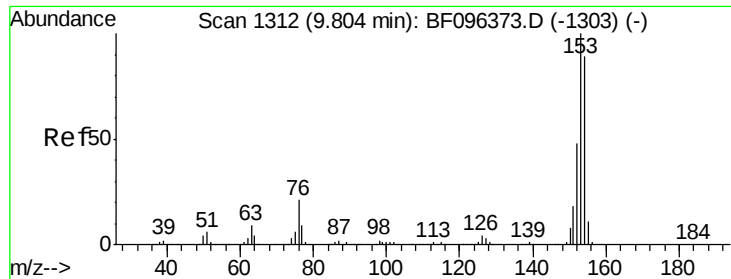
#50
2,6-Dinitrotoluene
Concen: 8.829 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	51.0	34.3	51.5
89	45.1	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: 11.258 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

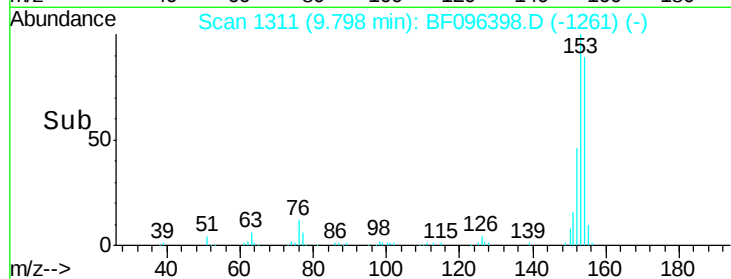
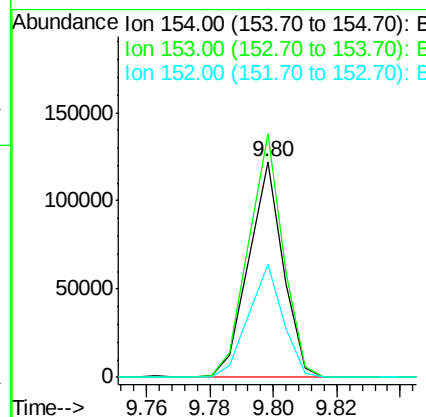
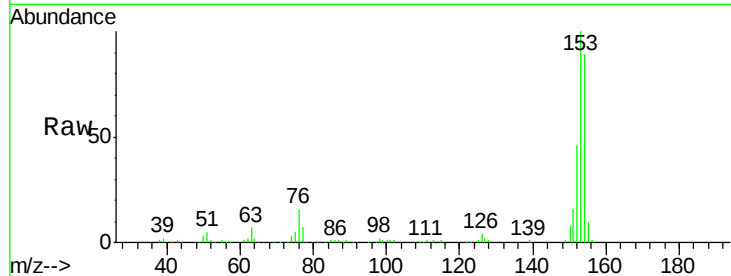
ClientSampleId :

BU-03-062717-DMSD

Tgt Ion:	154	Resp:	92460
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.5	135.7
152	52.3	43.6	65.4

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#52

3-Nitroaniline

Concen: 11.785 ng

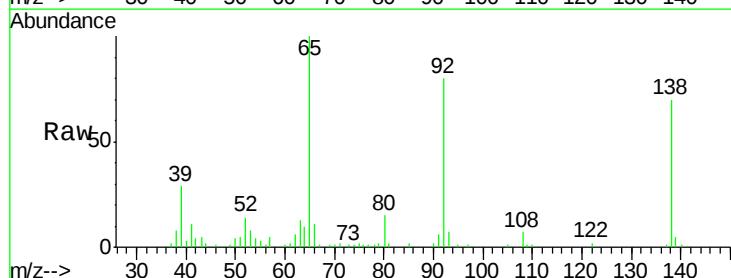
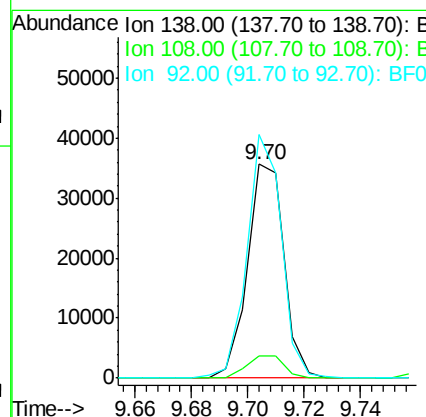
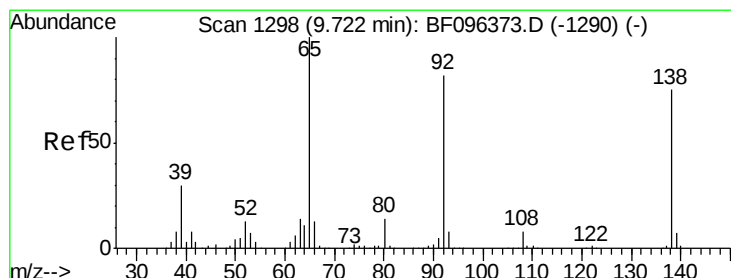
RT: 9.70 min Scan# 1295

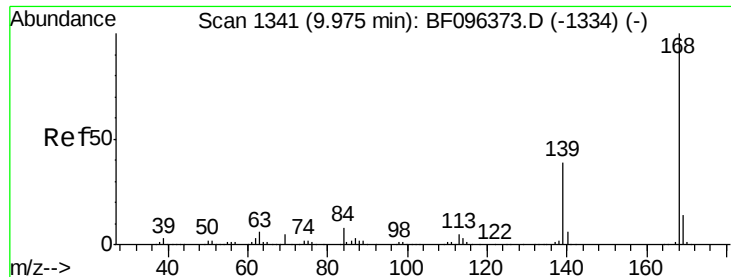
Delta R.T. -0.02 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	138	Resp:	31954
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.1	13.7
92	113.8	93.8	140.6





#54

Dibenzofuran

Concen: 12.782 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

ClientSampleId :

BU-03-062717-DMSD

Tgt Ion:168 Resp: 138598

Ion Ratio Lower Upper

168 100

139 37.1 30.6 45.8

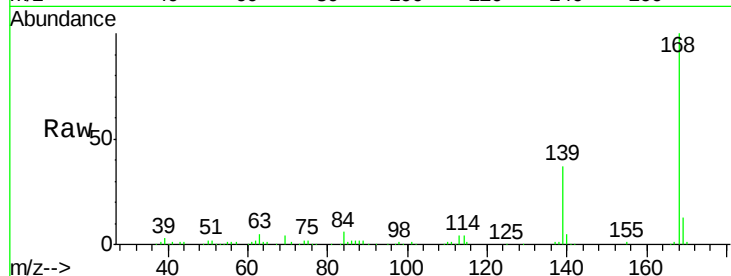
169 12.9 10.8 16.2

Manual Integrations

APPROVED

mohammad

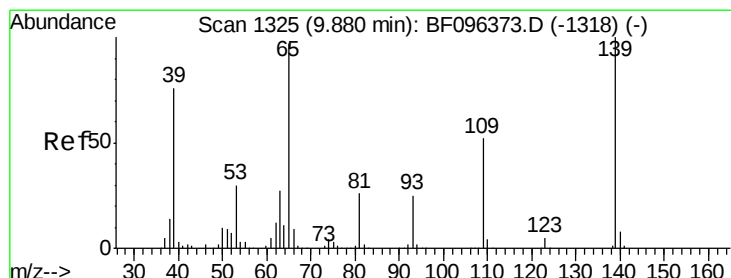
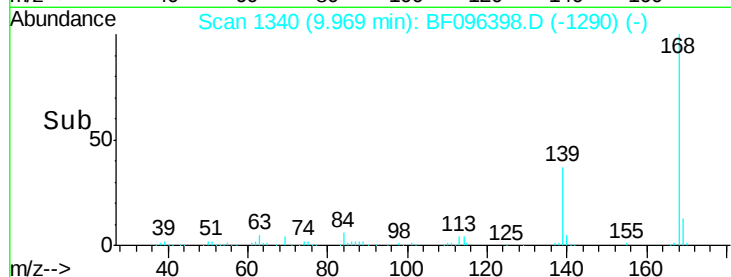
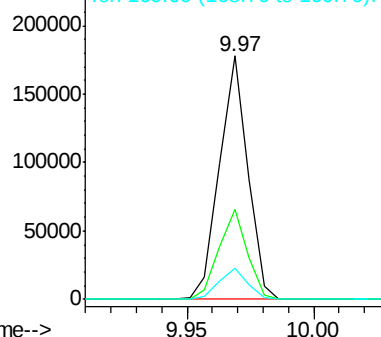
7/3/2017 4:03:55 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 10.824 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

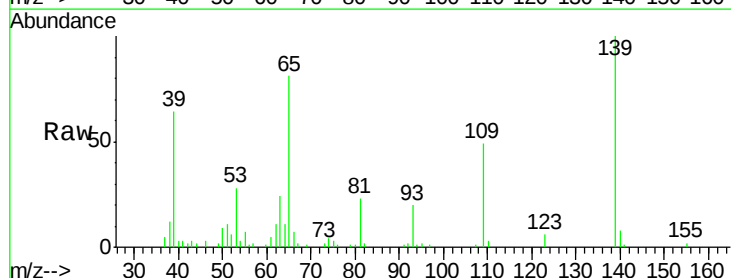
Tgt Ion:139 Resp: 24324

Ion Ratio Lower Upper

139 100

109 48.9 34.1 74.1

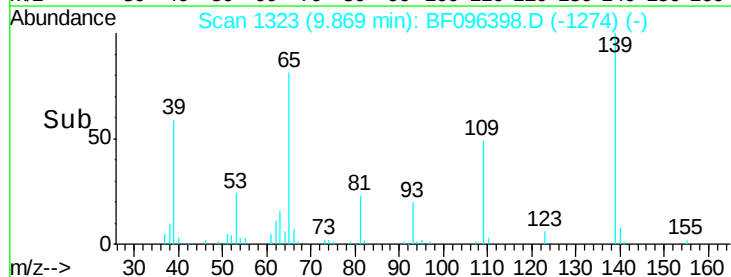
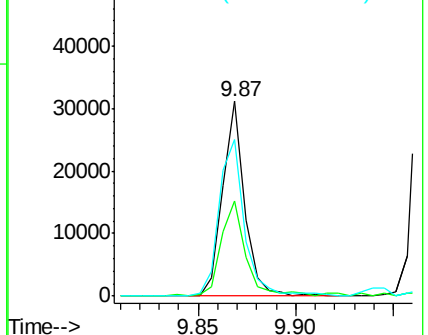
65 80.6 31.4 71.4#

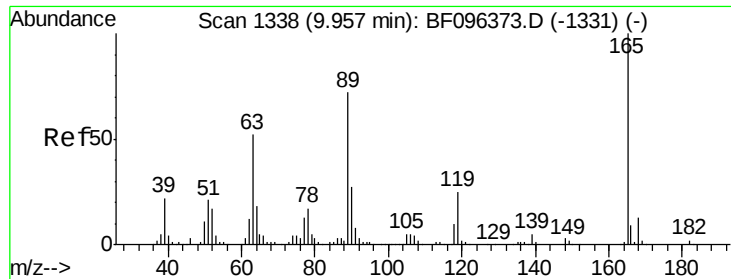


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





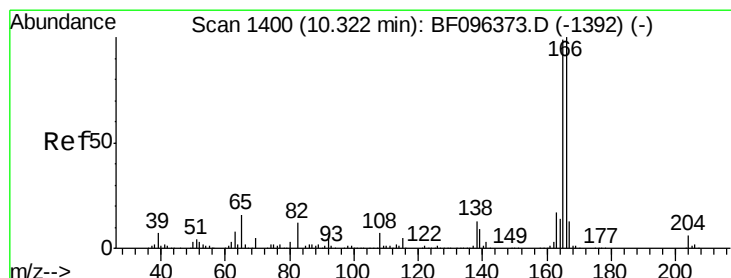
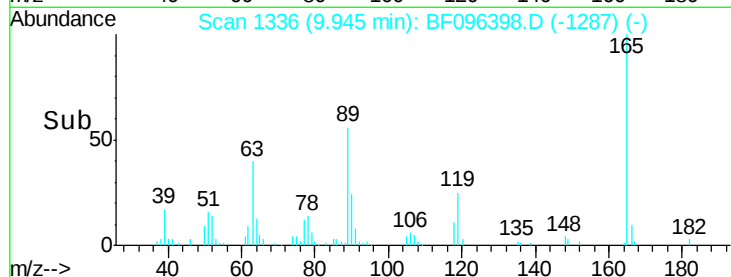
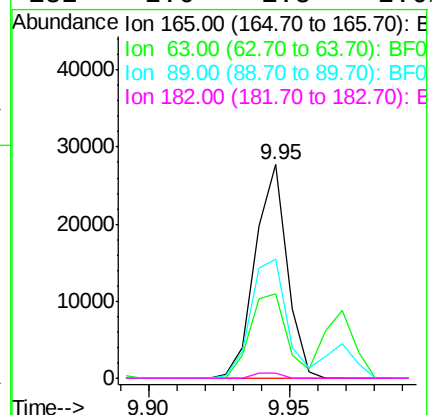
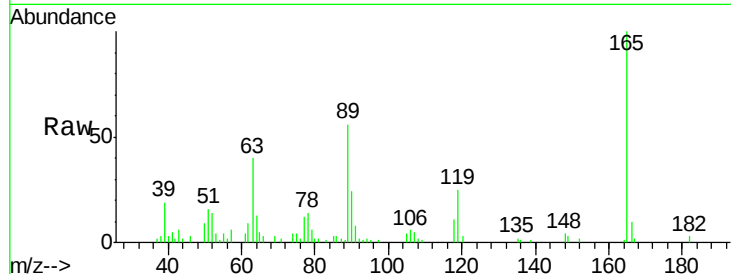
#56
 2,4-Dinitrotoluene
 Concen: 7.911 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	25.4	38.0#
89	56.0	46.4	69.6
182	2.6	1.8	2.6#

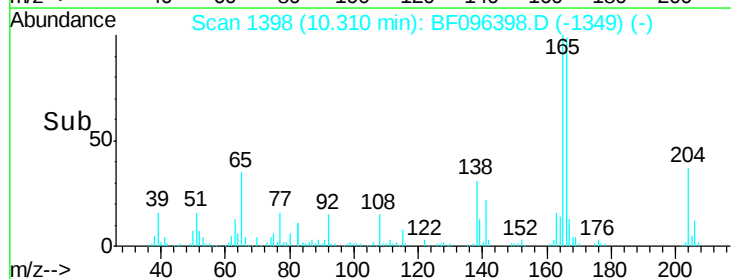
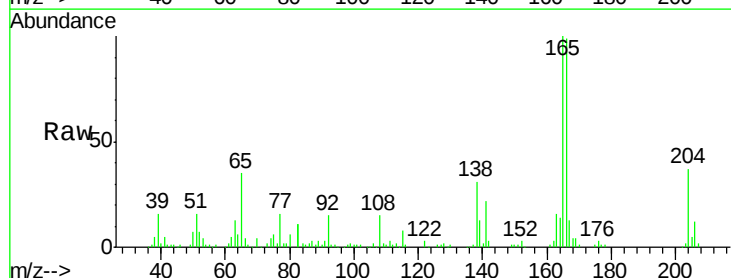
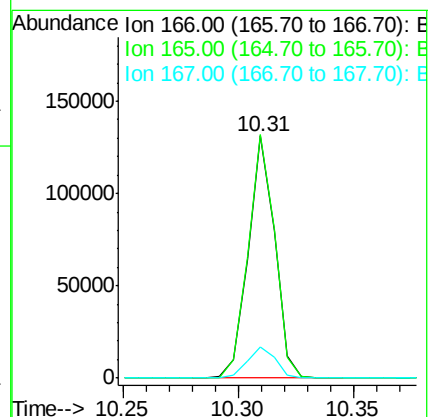
Manual Integrations
 APPROVED

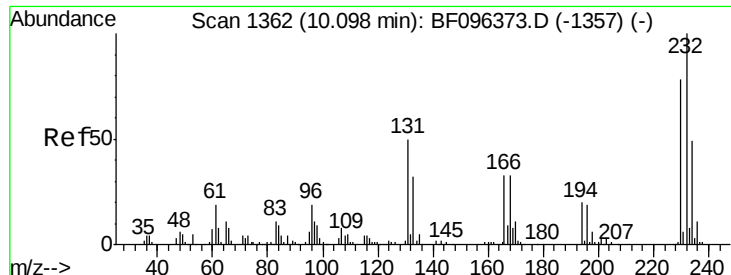
mohammad
 7/3/2017 4:03:55 PM



#57
 Fluorene
 Concen: 13.815 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.8	118.2
167	13.1	10.6	16.0





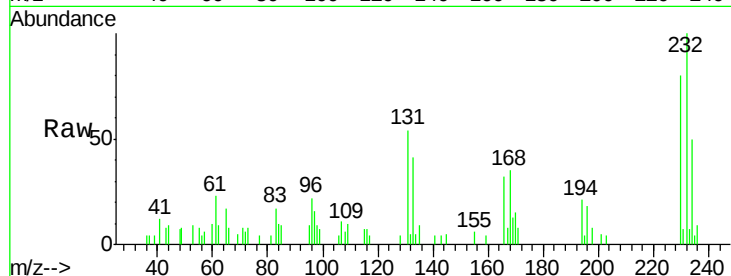
#58
2,3,4,6-Tetrachlorophenol
Concen: 3.341 ng m
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.2	44.8	67.2
130	0.0	2.3	3.5
166	0.0	29.0	43.4

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



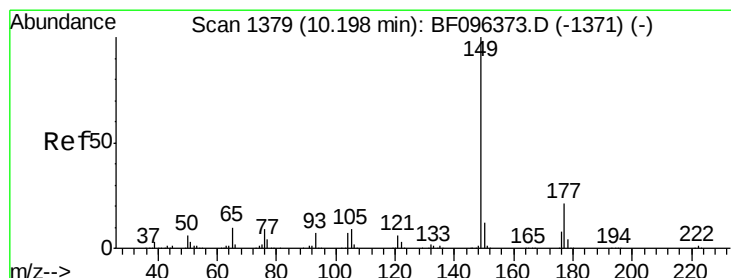
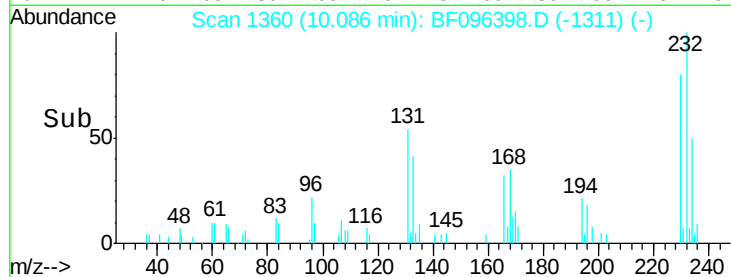
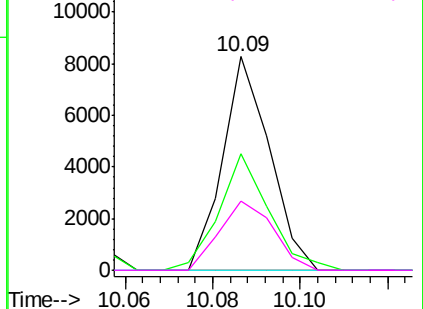
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

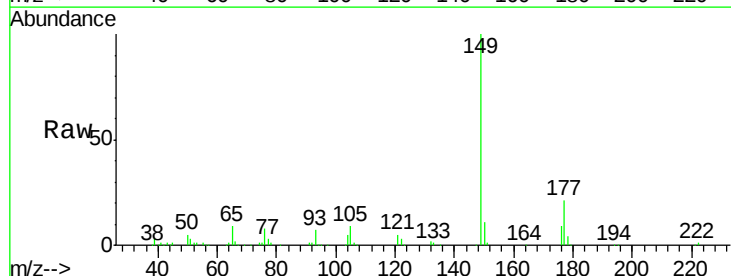
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Diethylphthalate
Concen: 11.953 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	11.3	10.2	15.2

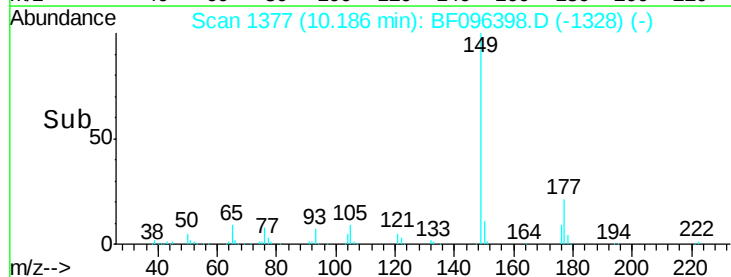
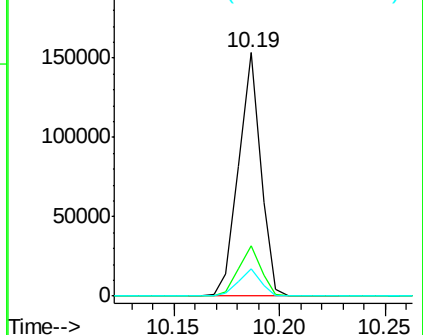


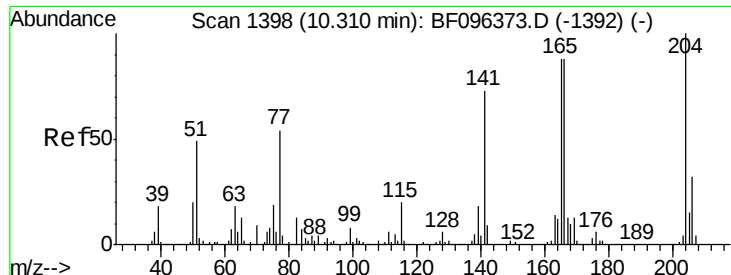
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





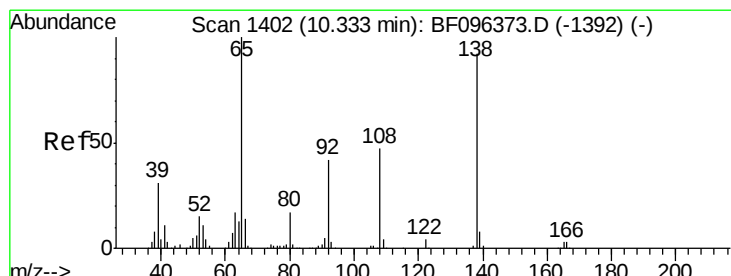
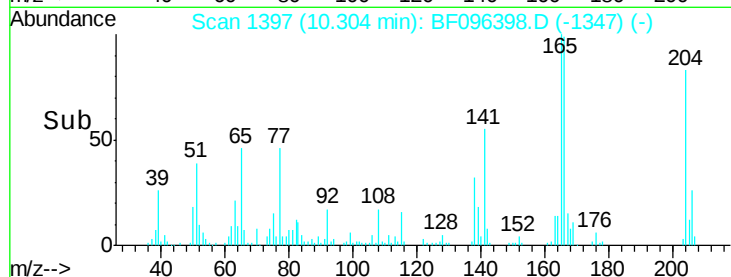
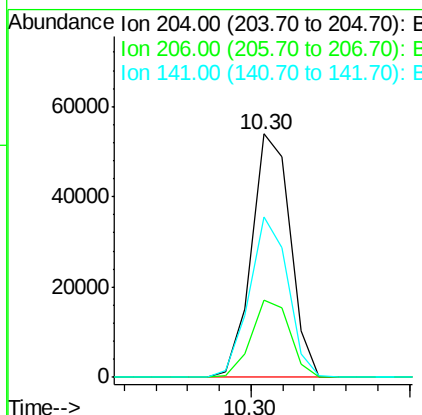
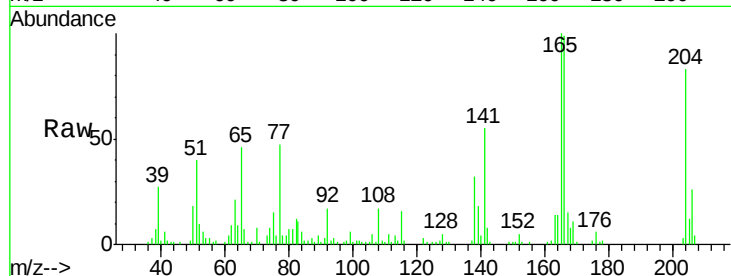
#60
 4-Chlorophenyl-phenylether
 Concen: 13.699 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.2
141	66.1	60.8	91.2

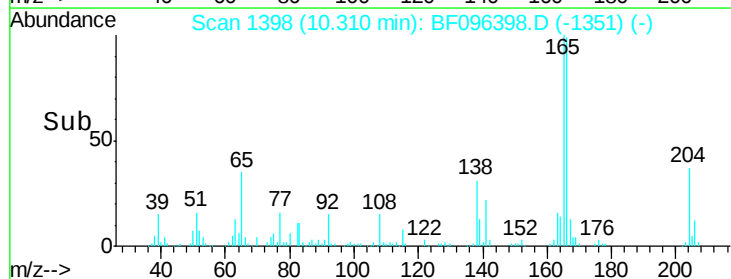
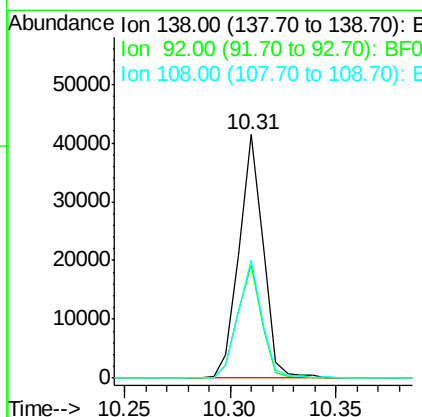
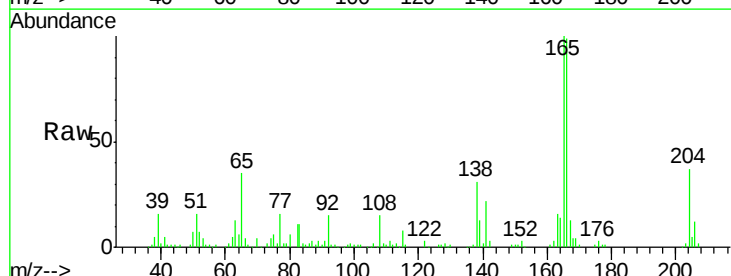
Manual Integrations
 APPROVED

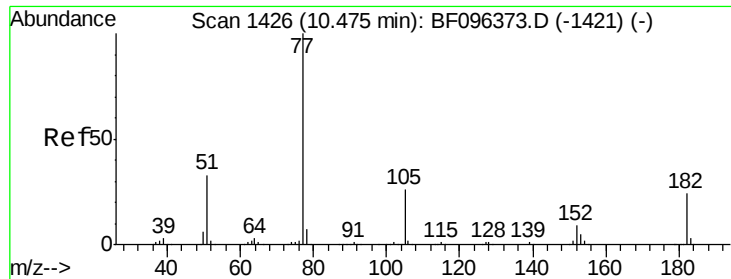
mohammad
 7/3/2017 4:03:55 PM



#61
 4-Nitroaniline
 Concen: 13.240 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	21.8	61.8
108	48.6	42.3	82.3





#62

Azobenzene

Concen: 11.134 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF096398.D

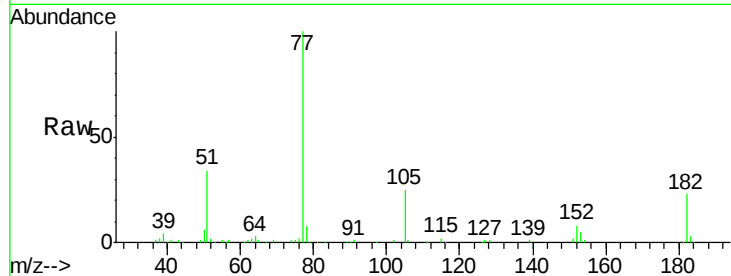
Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

ClientSampleId :

BU-03-062717-DMSD



Tgt Ion: 77 Resp: 100032

Ion Ratio Lower Upper

77 100

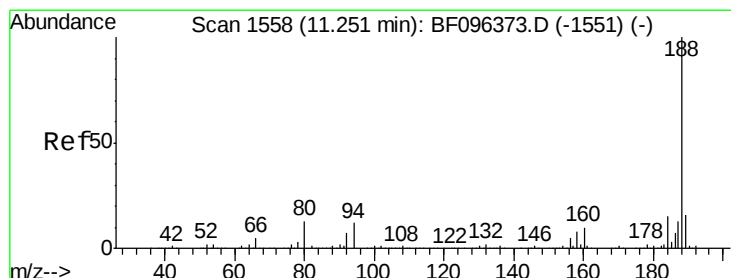
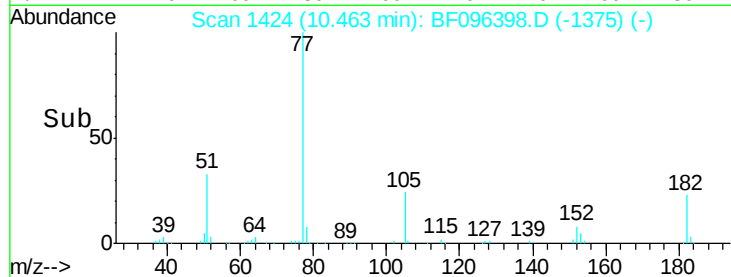
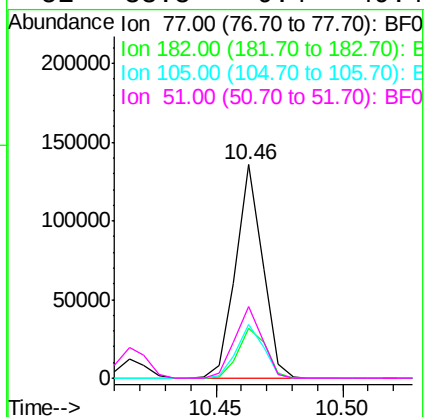
182 23.2 0.1 40.1

105 24.9 3.6 43.6

51 33.8 9.4 49.4

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

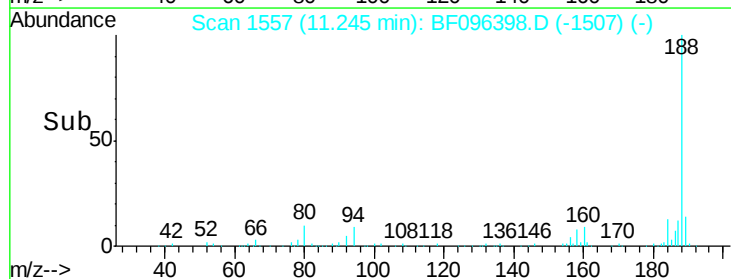
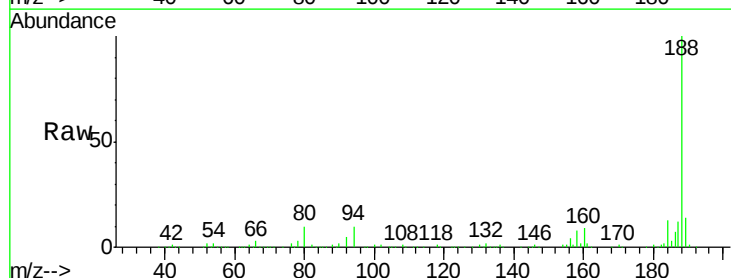
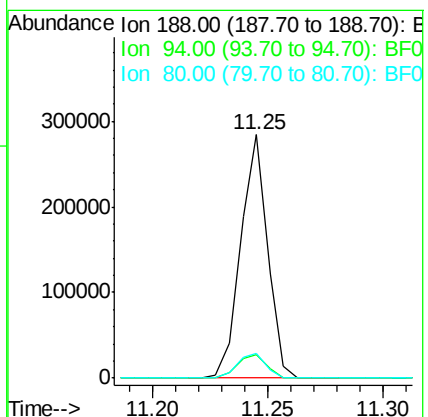
Tgt Ion: 188 Resp: 230830

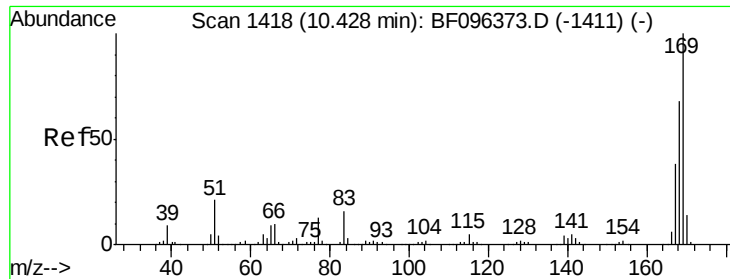
Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

80 10.2 10.2 15.2





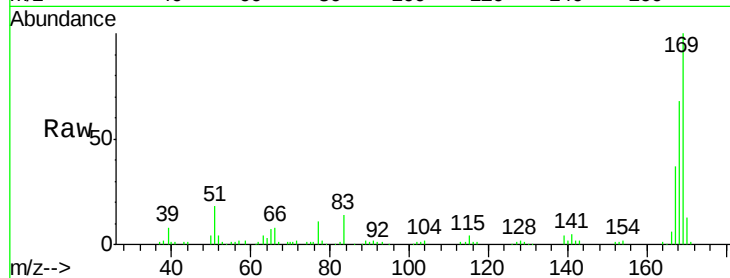
#65
n-Nitrosodiphenylamine
Concen: 11.726 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

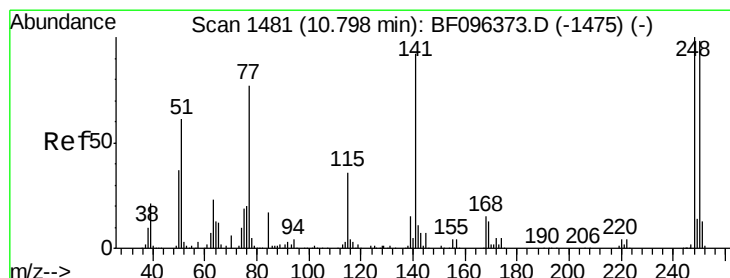
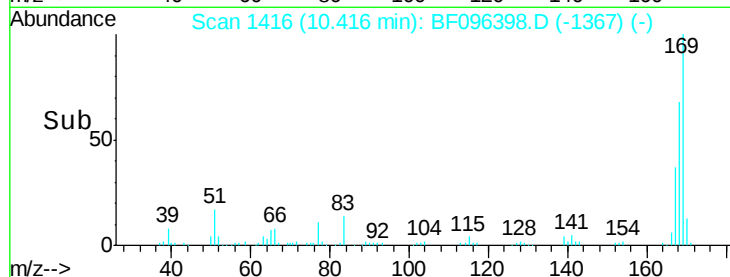
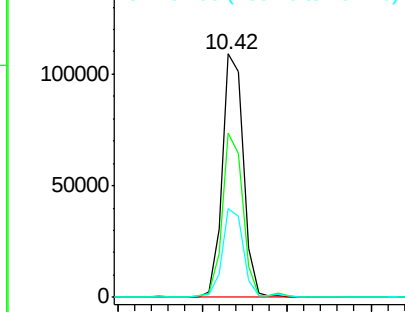
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	36.7	29.5	44.3

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



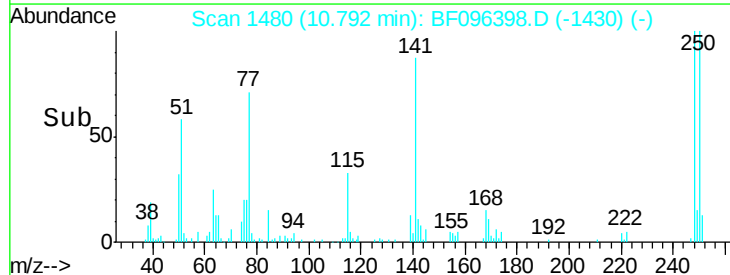
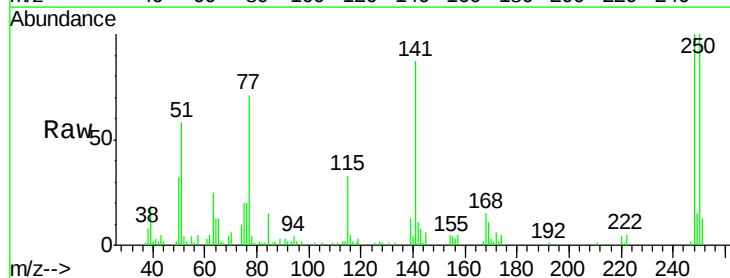
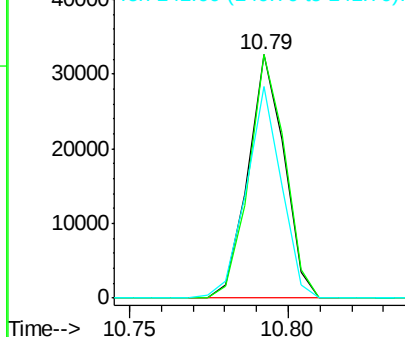
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

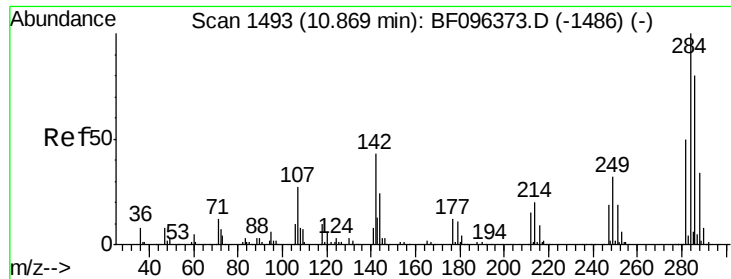


#66
4-Bromophenyl-phenylether
Concen: 11.460 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.1	76.8	115.2
141	87.0	68.6	103.0

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





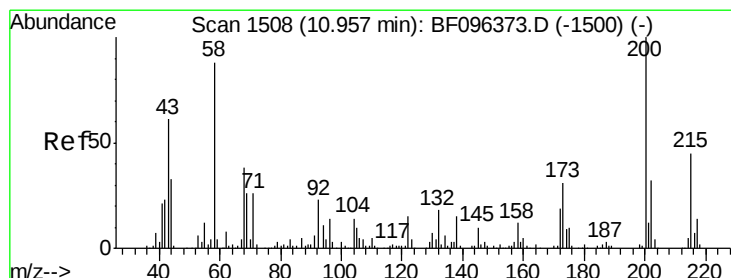
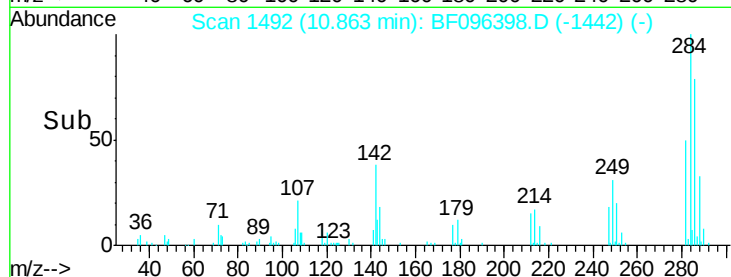
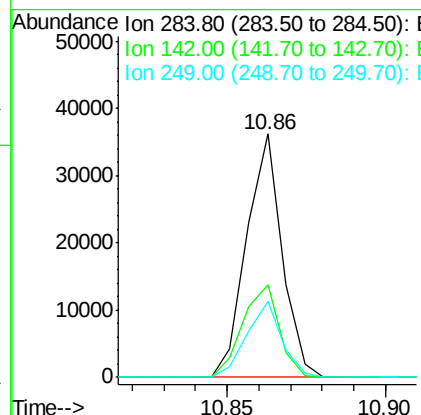
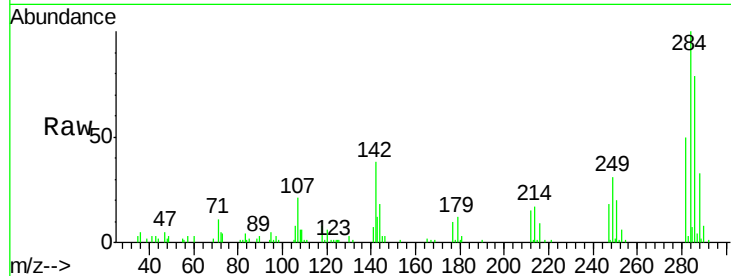
#67
Hexachlorobenzene
Concen: 11.353 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	27926		
142	38.1	22.8	34.2	#
249	31.2	24.0	36.0	

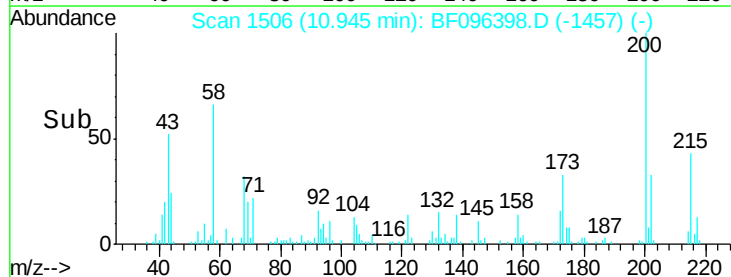
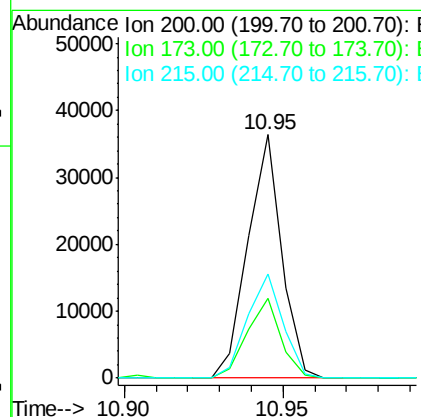
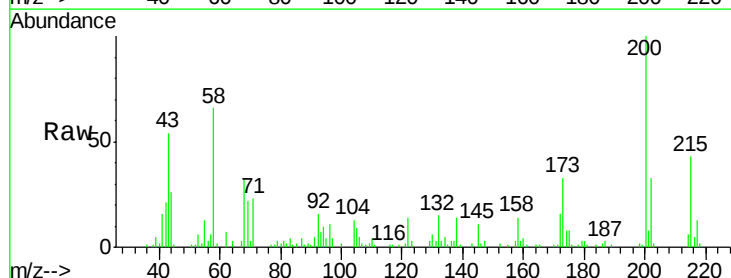
Manual Integrations
APPROVED

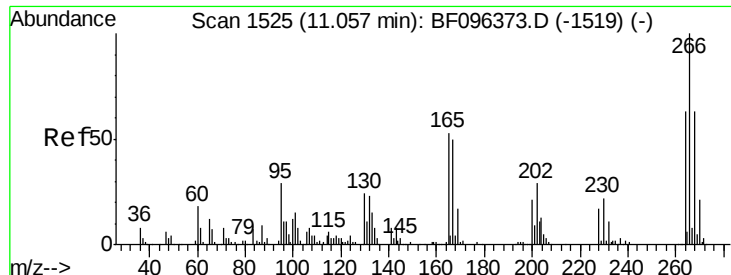
mohammad
7/3/2017 4:03:55 PM



#68
Atrazine
Concen: 11.599 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	26839		
173	32.7	6.3	46.3	
215	42.6	27.2	67.2	





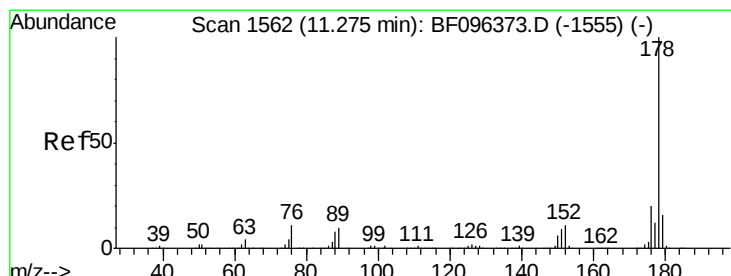
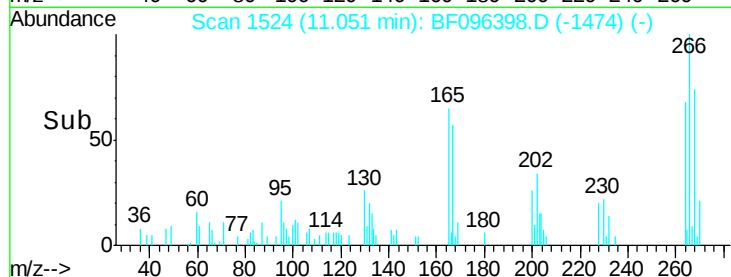
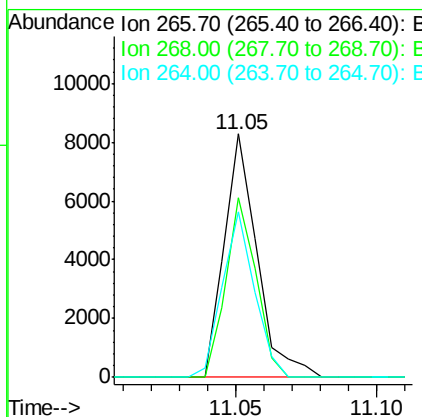
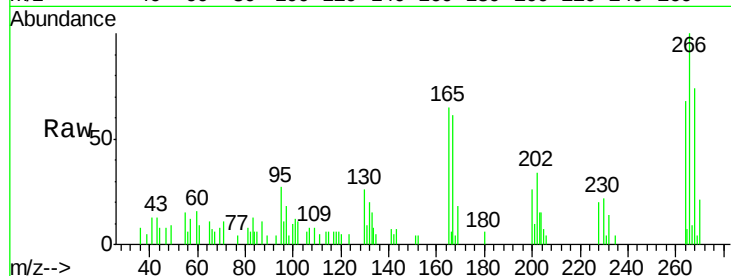
#69
 Pentachlorophenol
 Concen: 4.596 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	74.0	51.1	76.7
264	67.8	51.7	77.5

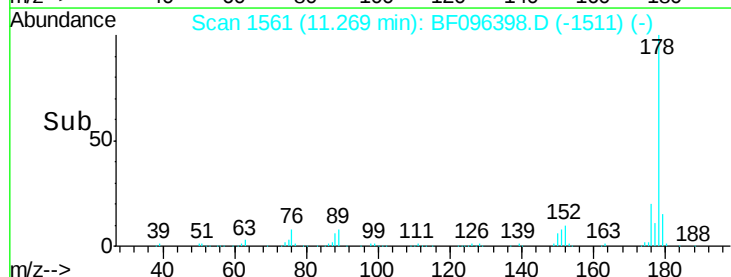
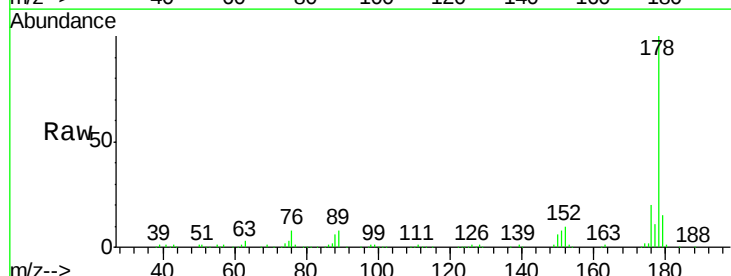
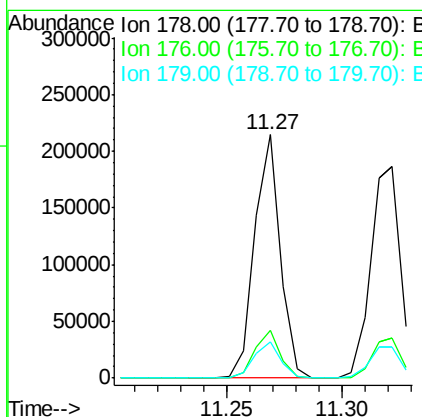
Manual Integrations
 APPROVED

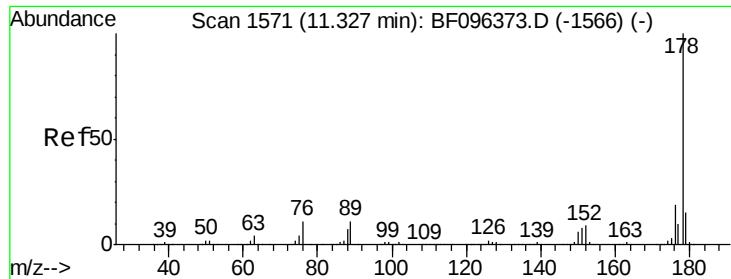
mohammad
 7/3/2017 4:03:55 PM



#70
 Phenanthrene
 Concen: 13.435 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	14.8	12.6	19.0





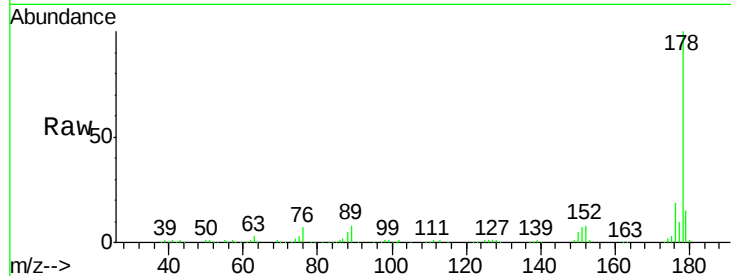
#71
 Anthracene
 Concen: 13.156 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

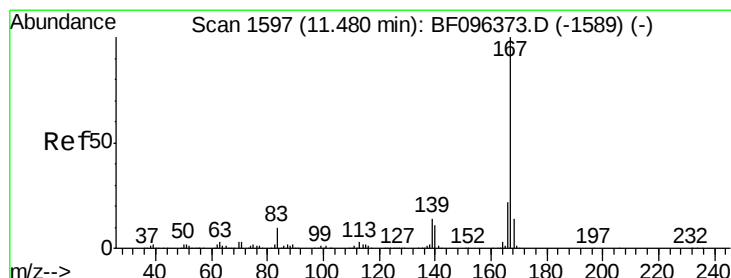
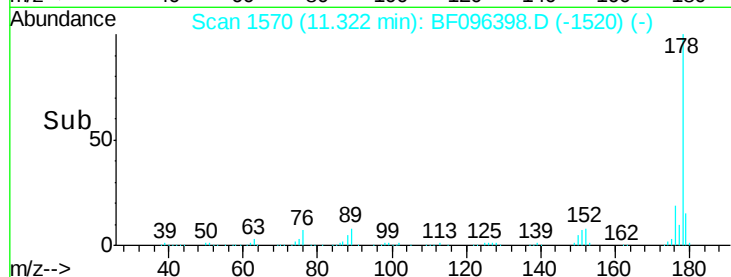
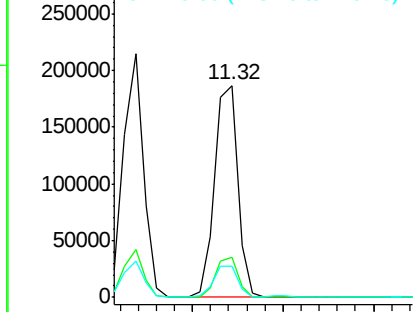
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.7	12.7	19.1

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:55 PM

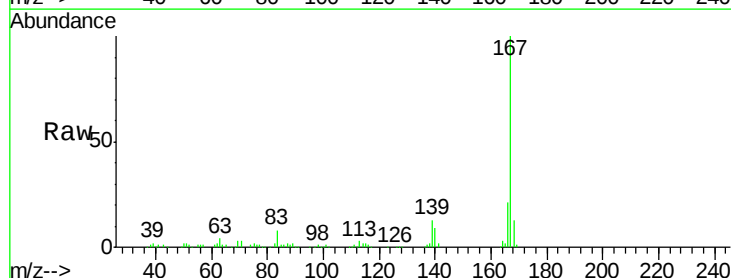


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

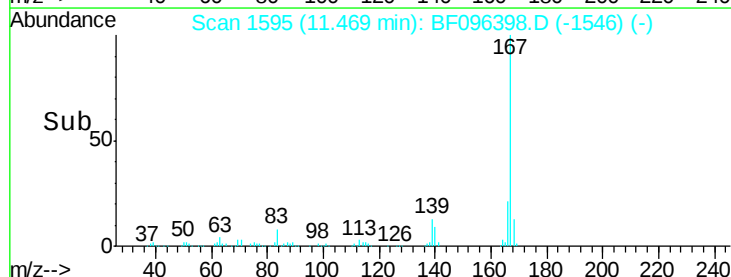
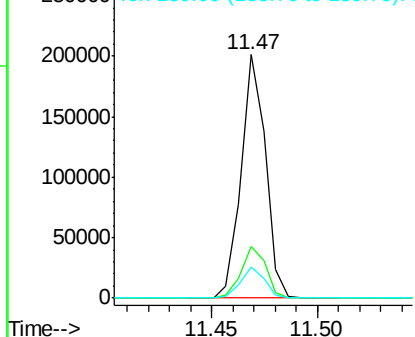


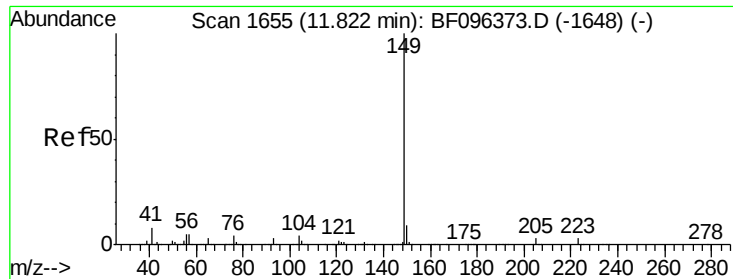
#72
 Carbazole
 Concen: 12.512 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	13.0	11.7	17.5



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: 11.993 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

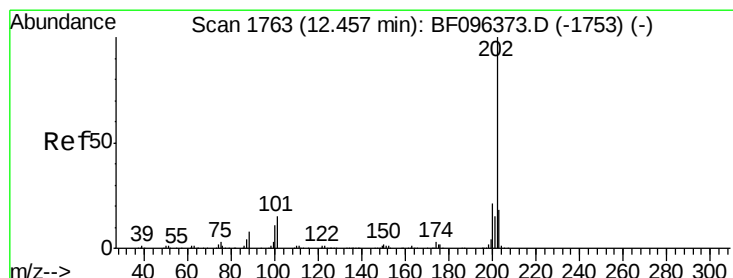
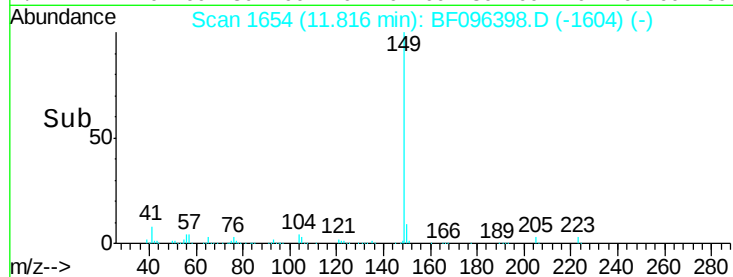
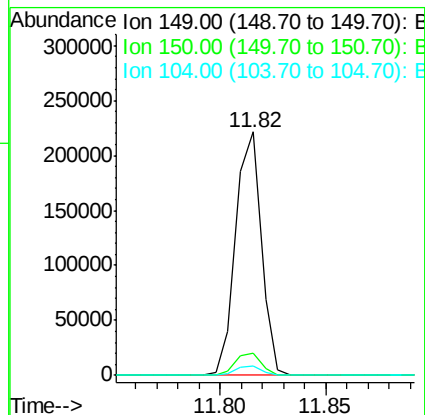
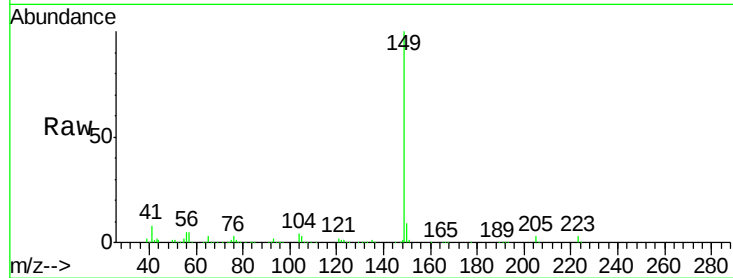
ClientSampleId :

BU-03-062717-DMSD

Tgt Ion:	149	Resp:	185759
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.0	4.0	6.0

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#74

Fluoranthene

Concen: 15.442 ng

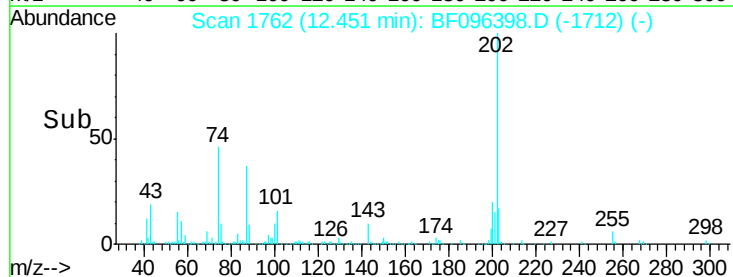
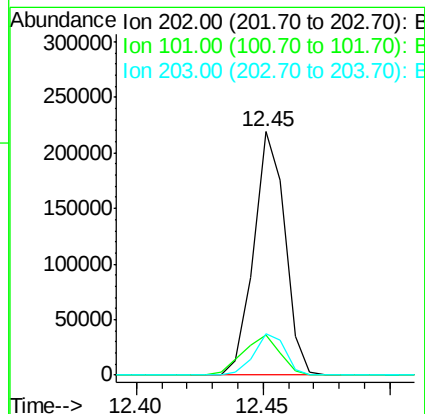
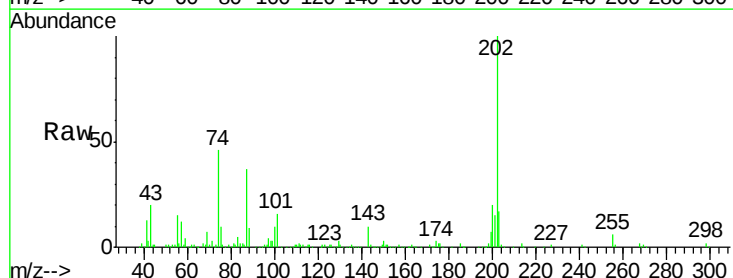
RT: 12.45 min Scan# 1762

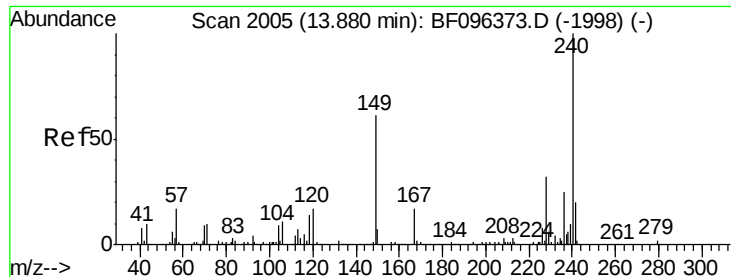
Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion:	202	Resp:	188923
Ion Ratio	Lower	Upper	
202	100		
101	16.3	0.0	33.2
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

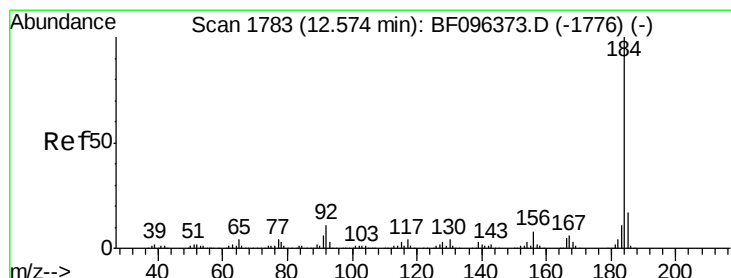
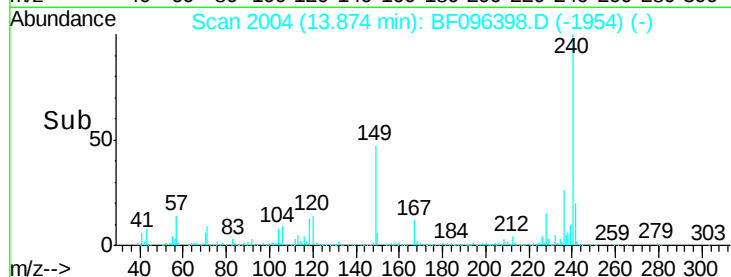
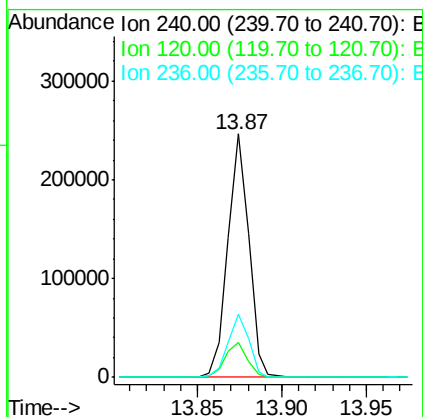
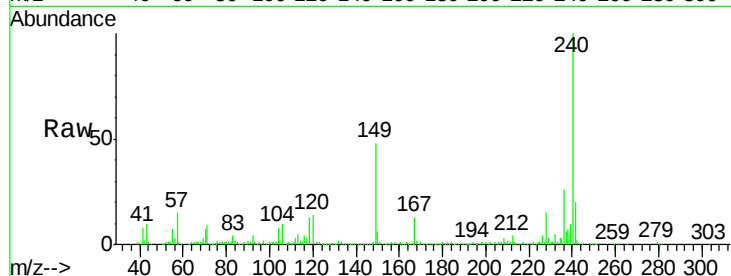
ClientSampleId :

BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	213555		
120	14.4	5.8	8.8#	
236	26.0	20.5	30.7	

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 PM



#76

Benzidine

Concen: 8.283 ng

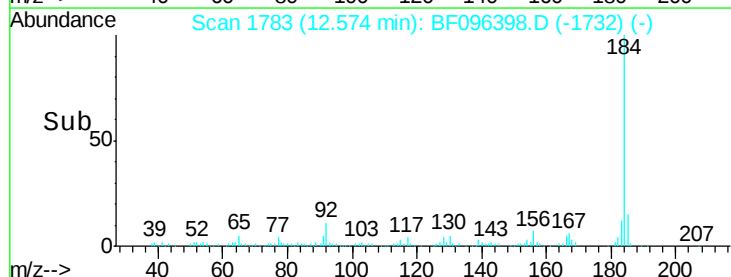
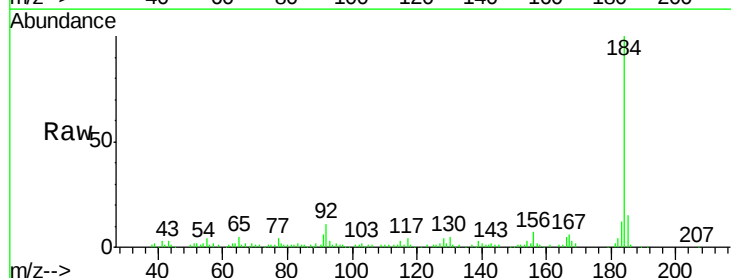
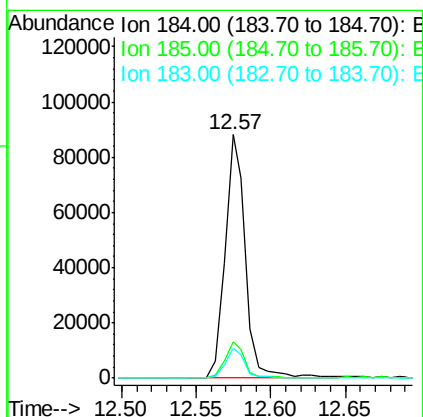
RT: 12.57 min Scan# 1783

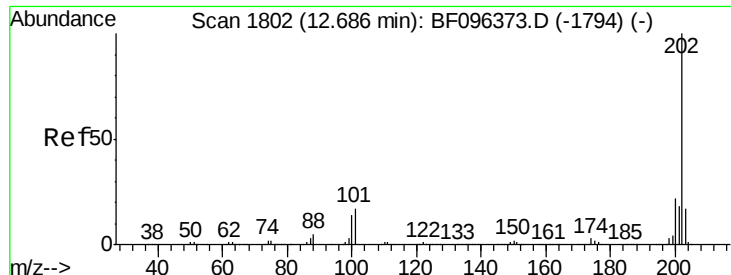
Delta R.T. -0.00 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	84872		
185	14.9	15.5	23.3#	
183	12.4	9.8	14.6	





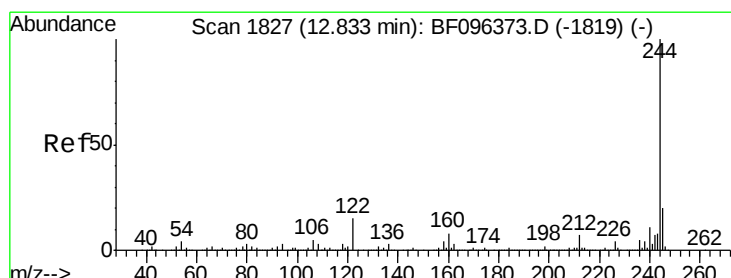
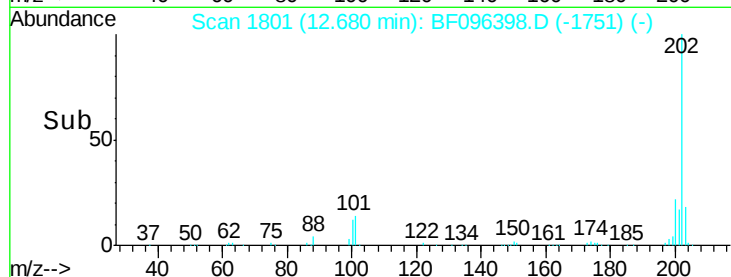
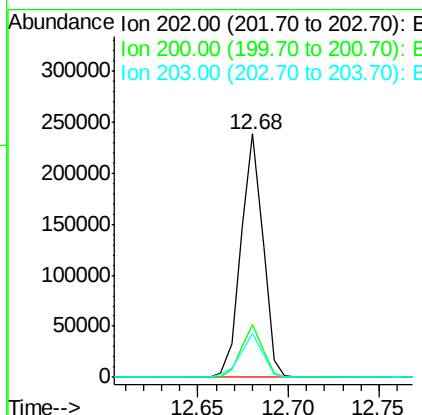
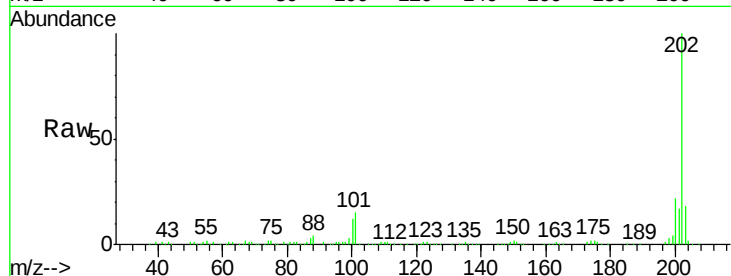
#77
 Pyrene
 Concen: 11.760 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.6	26.4
203	17.9	14.4	21.6

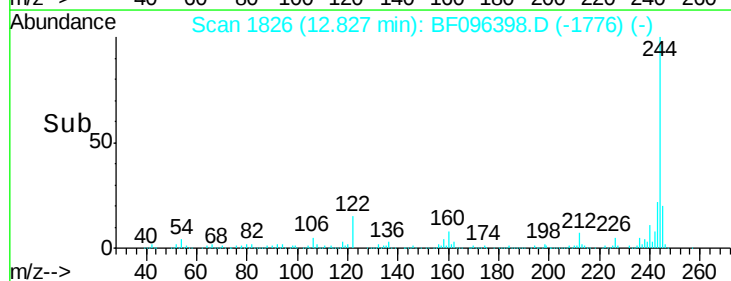
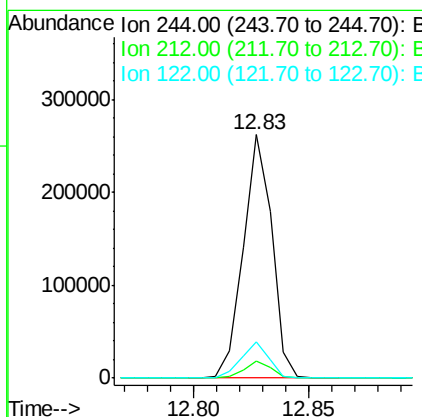
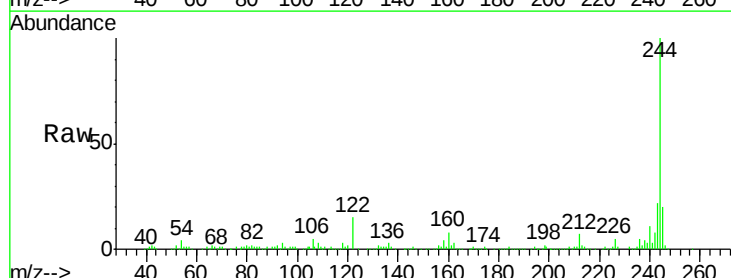
Manual Integrations
 APPROVED

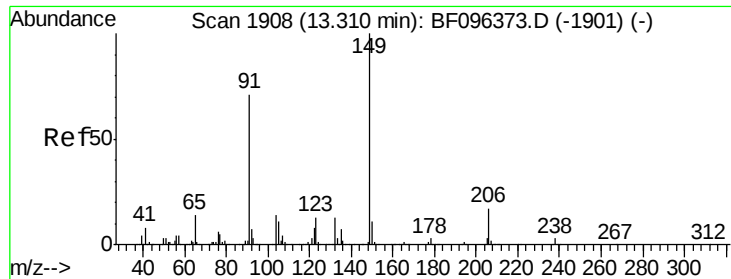
mohammad
 7/3/2017 4:03:55 PM



#78
 Terphenyl-d14
 Concen: 22.810 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5





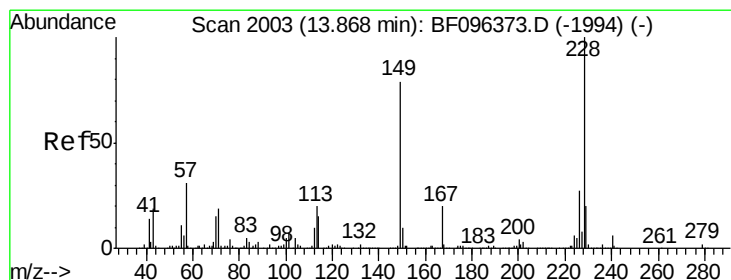
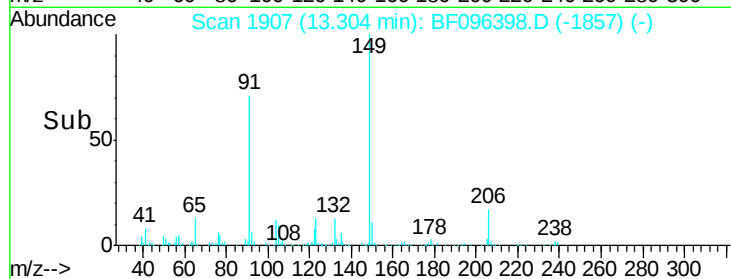
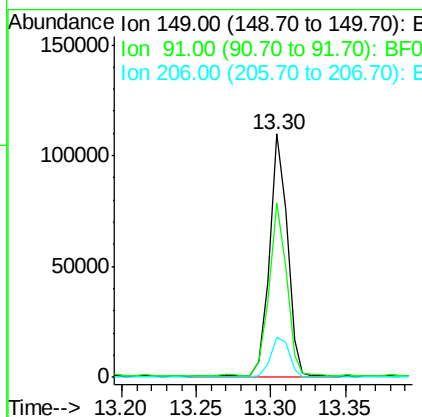
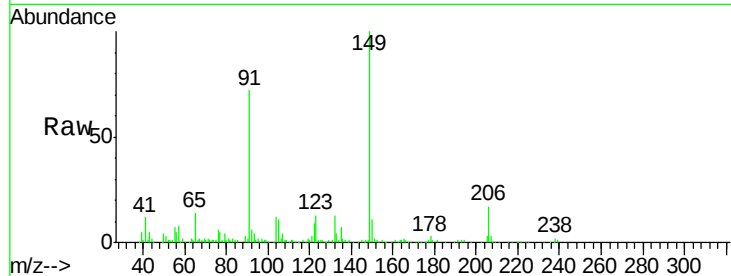
#79
Butylbenzylphthalate
Concen: 10.358 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.8	45.0	67.4#
206	16.5	17.0	25.6#

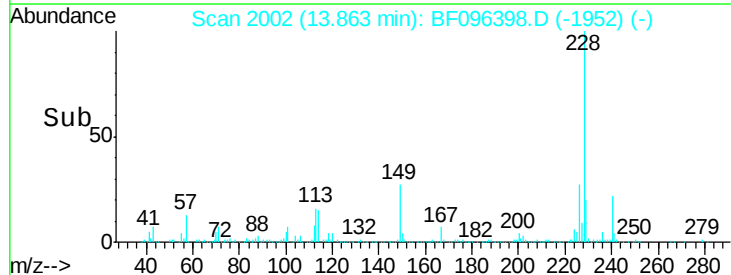
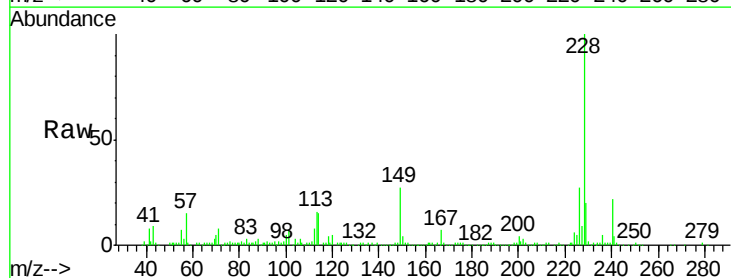
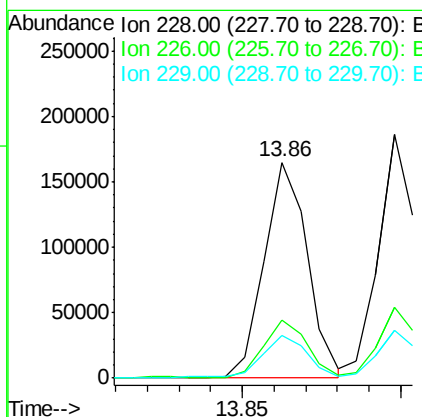
Manual Integrations
APPROVED

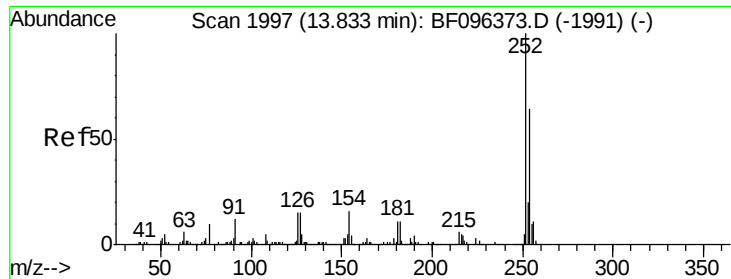
mohammad
7/3/2017 4:03:55 PM



#80
Benzo(a)anthracene
Concen: 12.601 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.0	22.6	33.8
229	20.0	16.3	24.5





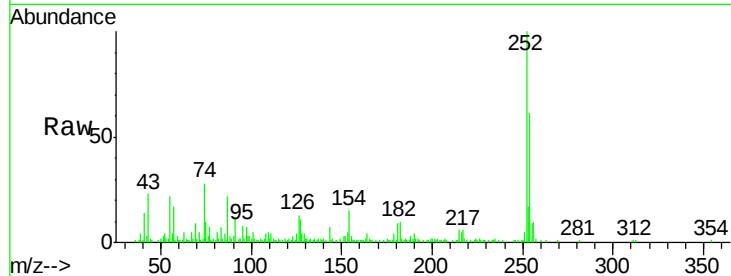
#81
 3,3'-Dichlorobenzidine
 Concen: 9.555 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

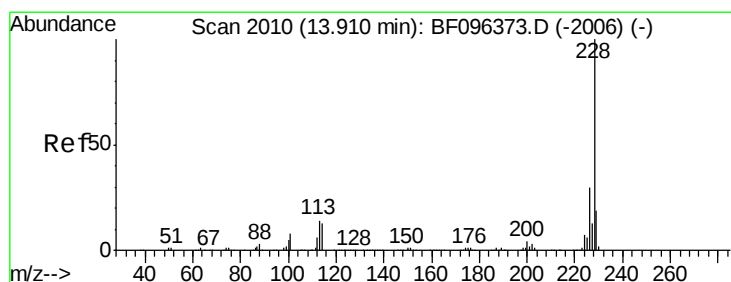
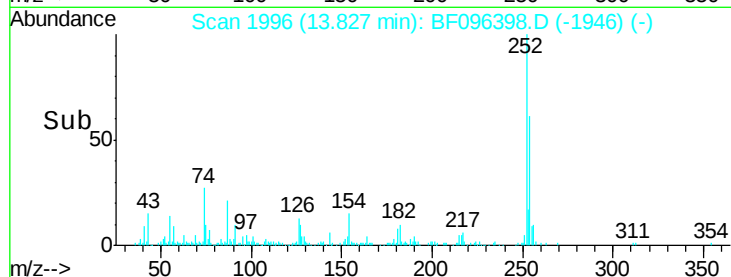
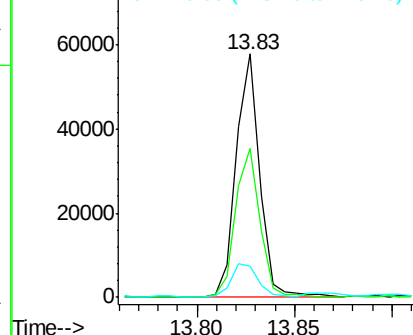
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.1	51.5	77.3
126	12.8	15.8	23.8

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:55 PM

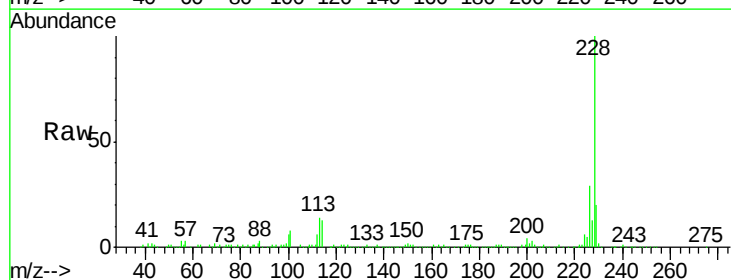


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

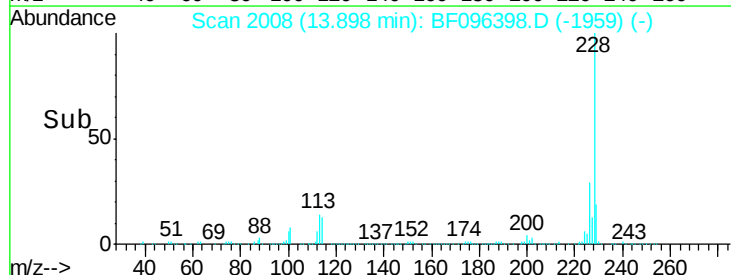
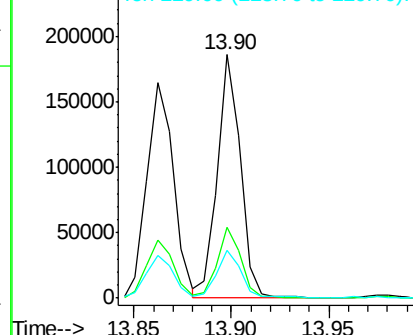


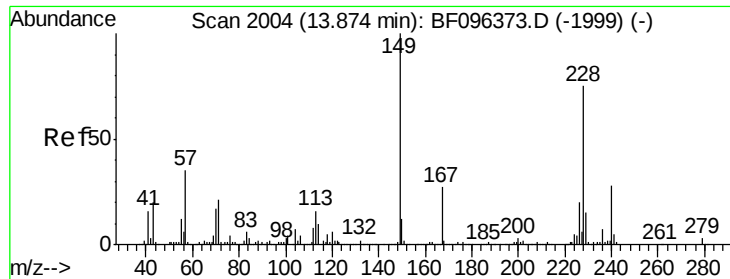
#82
 Chrysene
 Concen: 11.670 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	19.5	15.8	23.6



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





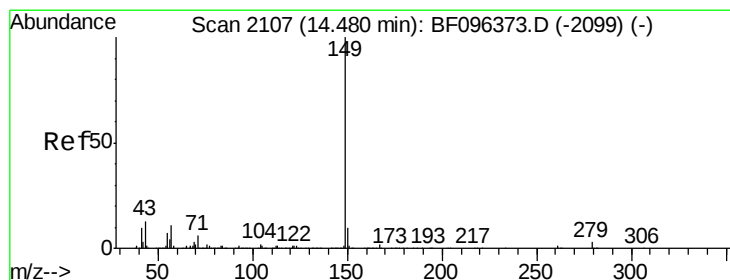
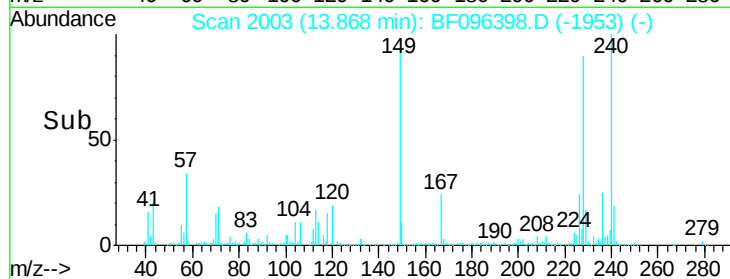
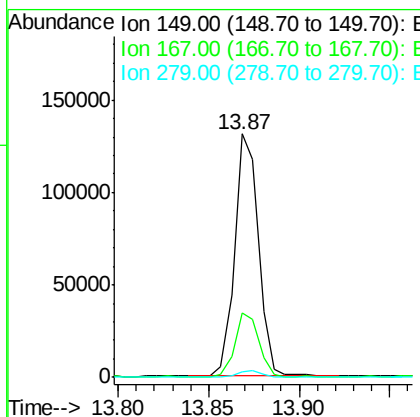
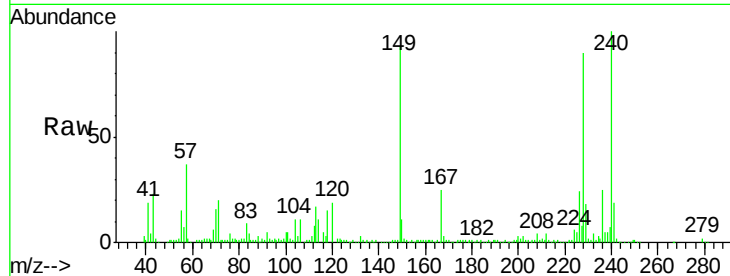
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.271 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	118855		
167	26.3	21.0	31.4	
279	2.4	1.9	2.9	

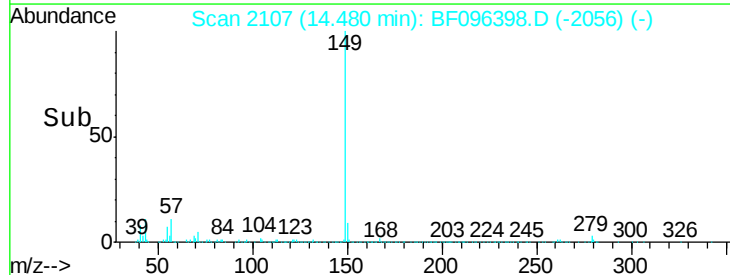
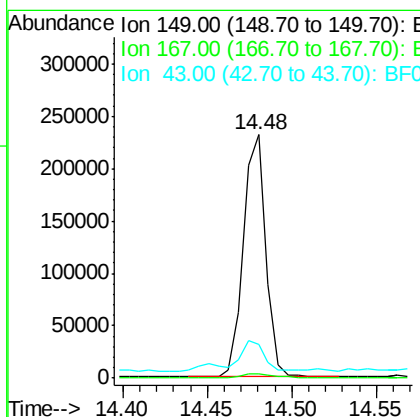
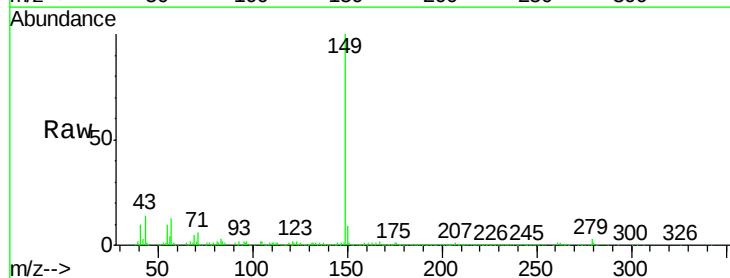
Manual Integrations
 APPROVED

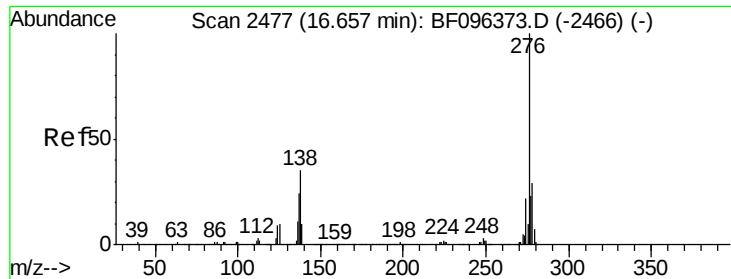
mohammad
 7/3/2017 4:03:55 PM



#84
 Di-n-octyl phthalate
 Concen: 11.176 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	213171		
167	1.9	1.2	1.8#	
43	12.2	8.5	12.7	





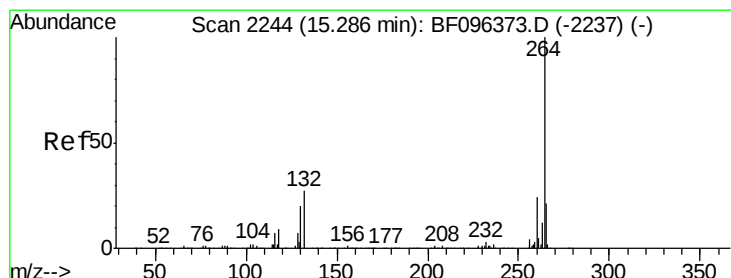
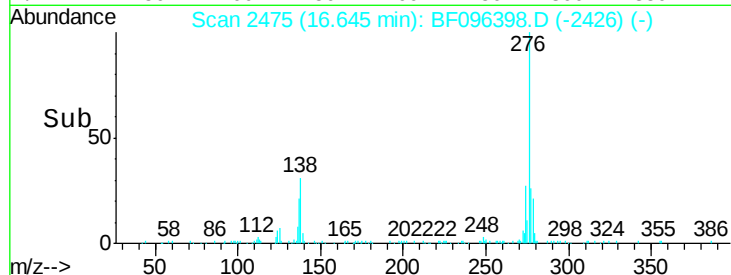
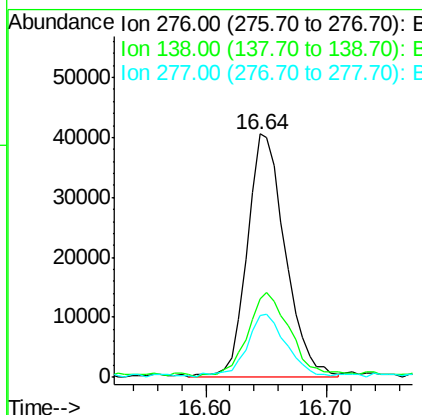
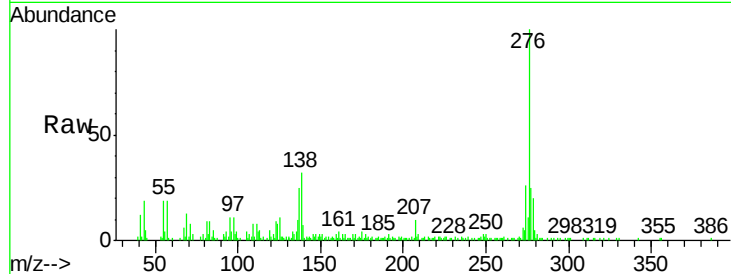
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.702 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.9	27.8	41.6
277	27.3	20.2	30.4

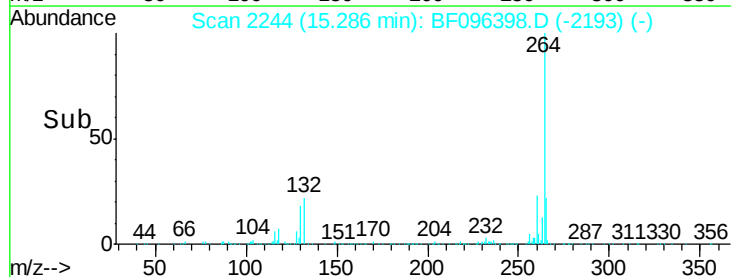
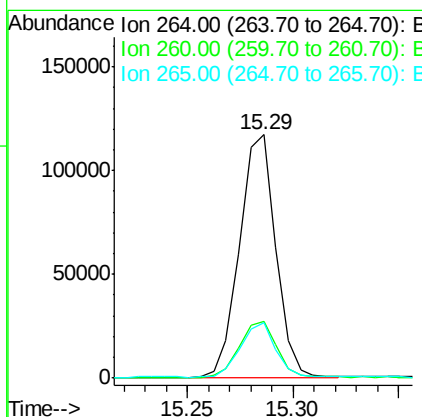
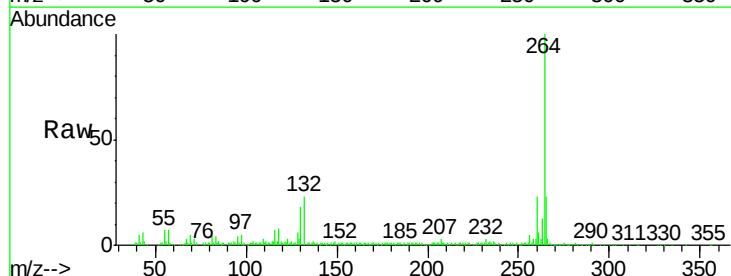
Manual Integrations
 APPROVED

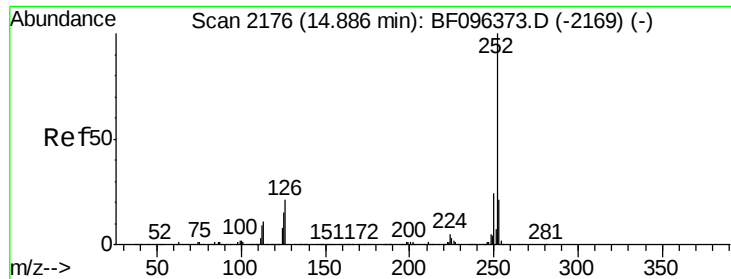
mohammad
 7/3/2017 4:03:55 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 13.841 ng m

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Instrument :

BNA_F

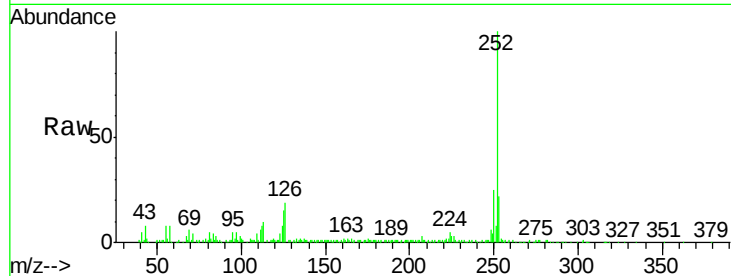
ClientSampleId :

BU-03-062717-DMSD

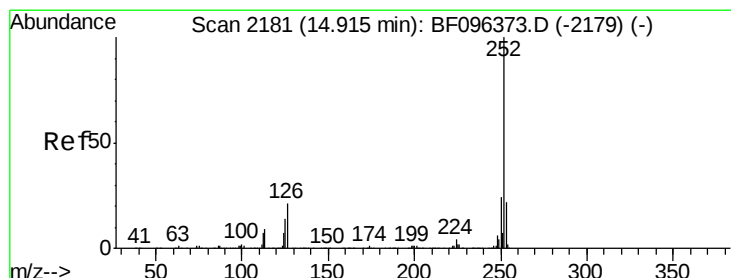
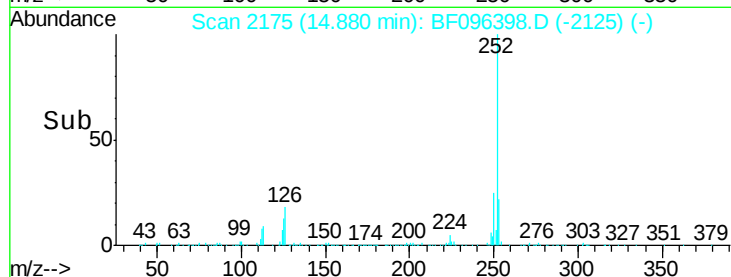
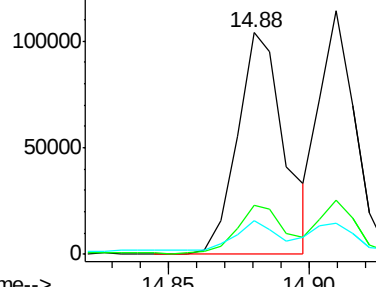
Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		122095		
253	22.4	18.1	27.1		
125	15.4	9.8	14.8#		

Manual Integrations
APPROVED

mohammad
7/3/2017 4:03:55 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



#88

Benzo(k)fluoranthene

Concen: 12.761 ng m

RT: 14.91 min Scan# 2180

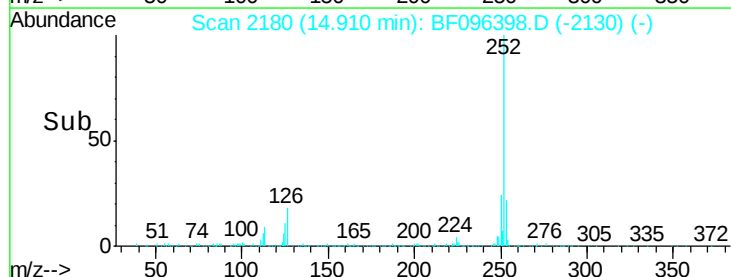
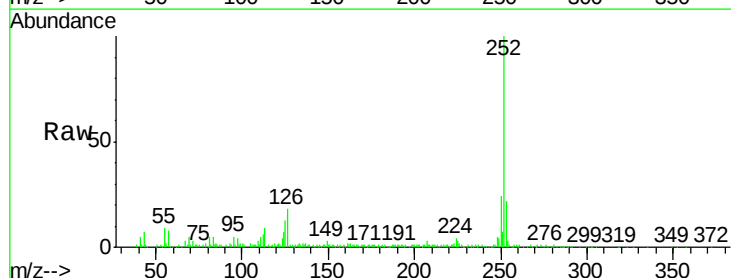
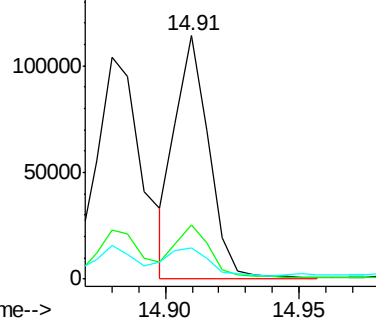
Delta R.T. -0.01 min

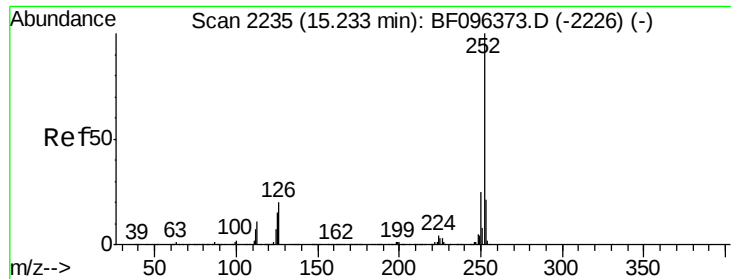
Lab File: BF096398.D

Acq: 2 Jul 2017 00:16

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		100694		
253	22.2	18.4	27.6		
125	12.5	13.1	19.7#		

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





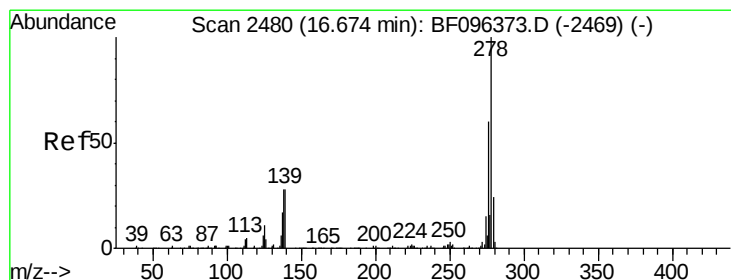
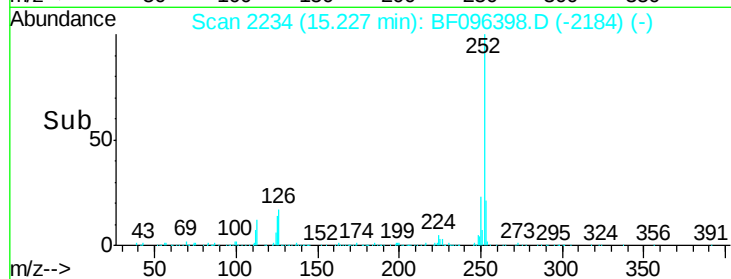
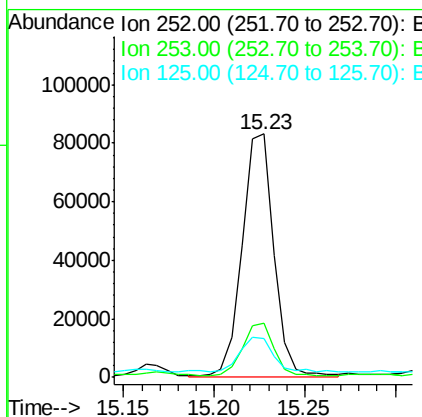
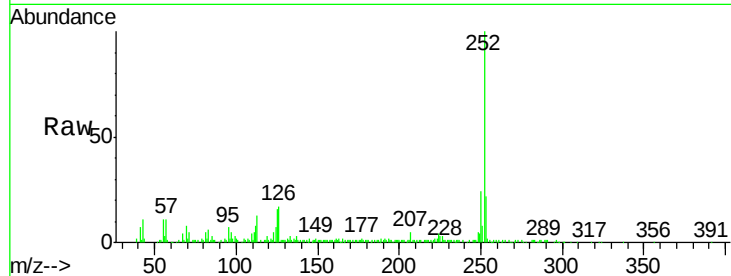
#89
Benzo(a)pyrene
Concen: 12.715 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	16.0	11.0	16.4

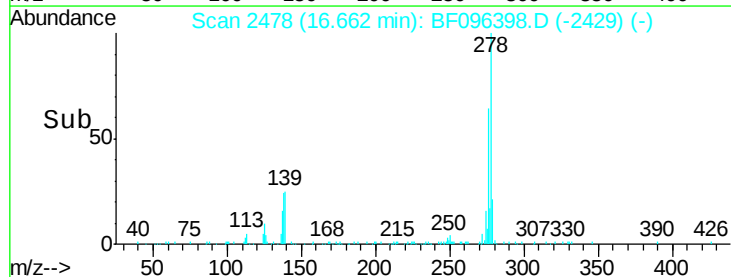
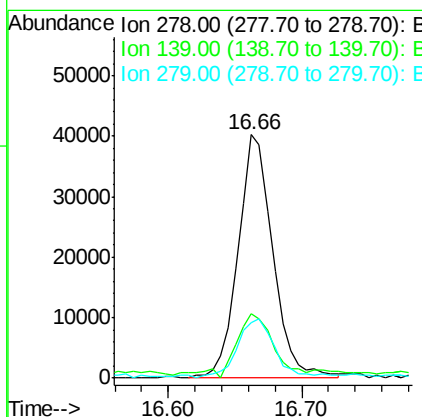
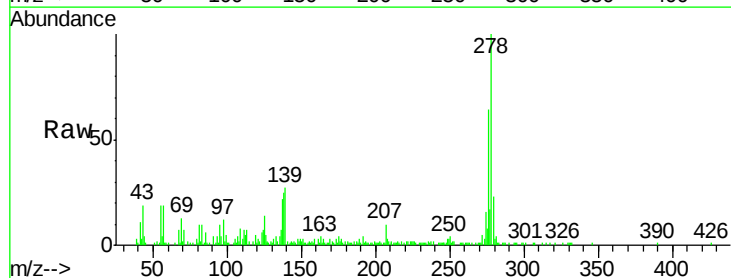
Manual Integrations
APPROVED

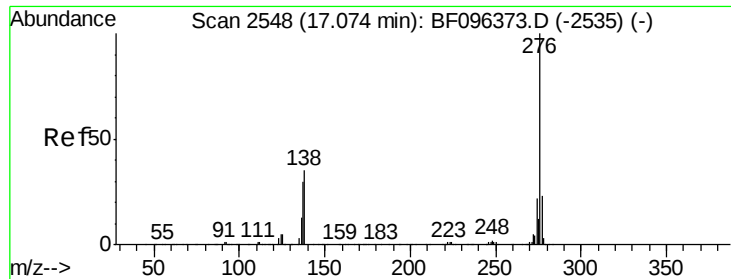
mohammad
7/3/2017 4:03:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 11.738 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BF096398.D
Acq: 2 Jul 2017 00:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.7	16.6	24.8#
279	22.7	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 12.086 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BF096398.D
 Acq: 2 Jul 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-DMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	31.0	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 7/3/2017 4:03:55 PM

