

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097852.D
 Acq On : 19 Aug 2017 00:22
 Operator : SJ/JU
 Sample : I4646-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:28 AM

Quant Time: Aug 19 21:57:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	110433	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	448229	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	200046	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	388845	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	299378	20.00	ng	-0.01
86) Perylene-d12	15.36	264	270320	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	637454	87.80	ng	-0.01
7) Phenol-d6	6.40	99	866785	87.87	ng	0.00
23) Nitrobenzene-d5	7.33	82	541029	65.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	162946	93.88	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	796794	58.52	ng	-0.01
78) Terphenyl-d14	12.87	244	717176	49.96	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	97976	24.198	ng	91
3) Pyridine	3.19	79	266497	23.809	ng	87
4) n-Nitrosodimethylamine	3.13	42	122187	28.370	ng	91
6) Aniline	6.46	93	170184	12.281	ng	98
8) 2-Chlorophenol	6.56	128	232268	30.335	ng	98
9) Benzaldehyde	6.32	77	126205	20.199	ng	87
10) Phenol	6.42	94	362628	31.432	ng	93
11) bis(2-Chloroethyl)ether	6.51	93	269309	30.927	ng	96
12) 1,3-Dichlorobenzene	6.71	146	216699	26.312	ng	# 90
13) 1,4-Dichlorobenzene	6.79	146	220907	26.373	ng	# 93
14) 1,2-Dichlorobenzene	6.94	146	209838	27.169	ng	98
15) Benzyl Alcohol	6.91	79	246818	33.419	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	333830	28.494	ng	92
17) 2-Methylphenol	7.03	107	209253	31.013	ng	96
18) Hexachloroethane	7.29	117	88858	27.058	ng	# 82
19) n-Nitroso-di-n-propylamine	7.19	70	189241	28.024	ng	90
20) 3+4-Methylphenols	7.18	107	257532	31.249	ng	# 86
22) Acetophenone	7.18	105	342289	28.907	ng	# 92
24) Nitrobenzene	7.35	77	303181	33.001	ng	90
25) Isophorone	7.59	82	526674	30.698	ng	95
26) 2-Nitrophenol	7.67	139	112942	35.474	ng	# 71
27) 2,4-Dimethylphenol	7.71	122	208615	29.155	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	329010	29.169	ng	99
29) 2,4-Dichlorophenol	7.91	162	183438	30.884	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	182056	27.650	ng	99
31) Naphthalene	8.07	128	656828	28.227	ng	100
32) Benzoic acid	7.79	122	43376	13.614	ng	91
33) 4-Chloroaniline	8.13	127	187514	19.107	ng	99
34) Hexachlorobutadiene	8.20	225	102441	26.647	ng	99
35) Caprolactam	8.48	113	65604m	32.490	ng	
36) 4-Chloro-3-methylphenol	8.61	107	228465	29.938	ng	# 82
37) 2-Methylnaphthalene	8.77	142	431168	30.222	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	174362	28.401	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	151292	51.296	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097852.D
 Acq On : 19 Aug 2017 00:22
 Operator : SJ/JU
 Sample : I4646-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

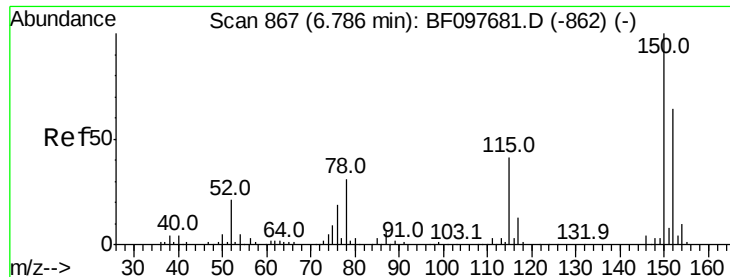
Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:28 AM

Quant Time: Aug 19 21:57:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	125320	30.404	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	134203	32.819	nq	94
45) 1,1'-Biphenyl	9.23	154	512014	28.067	nq	96
46) 2-Chloronaphthalene	9.26	162	378373	28.072	nq	93
47) 2-Nitroaniline	9.35	65	156639	34.665	nq	95
48) Acenaphthylene	9.67	152	612553	28.940	nq	100
49) Dimethylphthalate	9.53	163	558859	38.218	nq	100
50) 2,6-Dinitrotoluene	9.59	165	98108	33.612	nq #	52
51) Acenaphthene	9.85	154	412112	30.871	nq	99
52) 3-Nitroaniline	9.76	138	88827	23.587	nq	84
53) 2,4-Dinitrophenol	9.86	184	68051	52.941	nq #	75
54) Dibenzofuran	10.02	168	562080	31.416	nq	100
55) 4-Nitrophenol	9.92	139	188052	62.599	nq #	34
56) 2,4-Dinitrotoluene	9.99	165	132682	36.222	nq #	44
57) Fluorene	10.36	166	418548	30.258	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.13	232	114295	36.102	nq	93
59) Diethylphthalate	10.23	149	464943	30.405	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	190355	29.622	nq #	87
61) 4-Nitroaniline	10.37	138	104594	29.223	nq #	65
62) Azobenzene	10.51	77	580240	31.944	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	53187	32.316	nq	90
65) n-Nitrosodiphenylamine	10.47	169	382762	28.907	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	117901	29.199	nq	99
67) Hexachlorobenzene	10.90	284	113877	27.669	nq #	90
68) Atrazine	11.00	200	115432	32.872	nq	99
69) Pentachlorophenol	11.10	266	137171	57.162	nq	98
70) Phenanthrene	11.32	178	652280	31.480	nq	100
71) Anthracene	11.37	178	642146	30.555	nq	99
72) Carbazole	11.52	167	613791	30.768	nq	99
73) Di-n-butylphthalate	11.86	149	748503	32.575	nq	99
74) Fluoranthene	12.50	202	694230	32.100	nq	98
76) Benzidine	12.62	184	60144m	6.127	nq	
77) Pyrene	12.73	202	705928	28.830	nq	99
79) Butylbenzylphthalate	13.36	149	317285	33.797	nq #	74
80) Benzo(a)anthracene	13.92	228	504304	28.106	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	149353	24.667	nq #	96
82) Chrysene	13.95	228	514554	28.828	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	390549	37.543	nq	98
84) Di-n-octyl phthalate	14.53	149	727468	40.191	nq	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	503848	38.373	nq	93
87) Benzo(b)fluoranthene	14.94	252	472030	27.703	nq	98
88) Benzo(k)fluoranthene	14.97	252	455281	28.440	nq #	93
89) Benzo(a)pyrene	15.29	252	445843	29.557	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	411682	33.524	nq	98
91) Benzo(g,h,i)perylene	17.17	276	427003	33.324	nq	93

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



#1

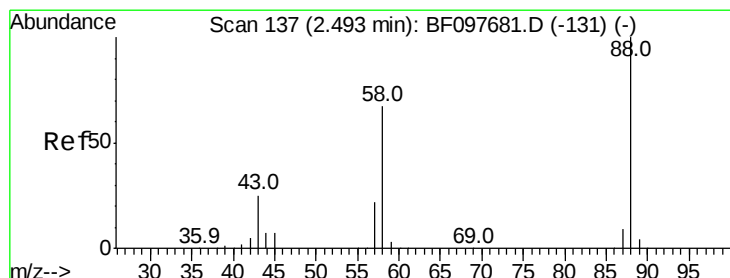
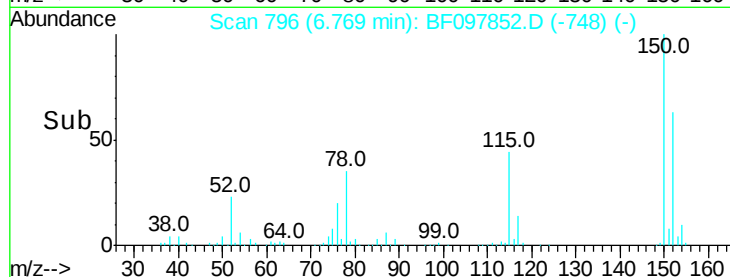
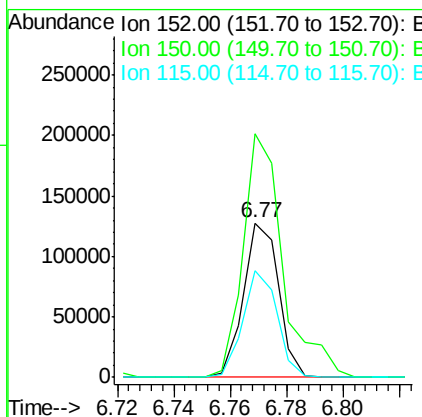
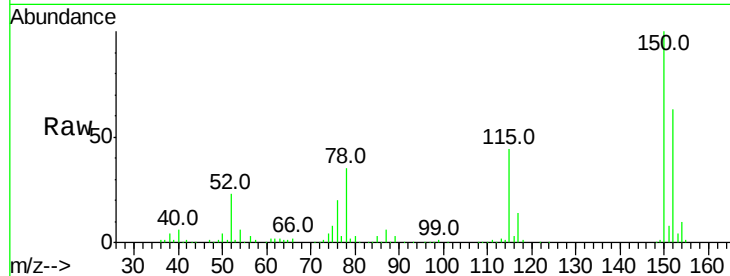
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	69.3	52.2	78.2

Manual Integrations
APPROVED

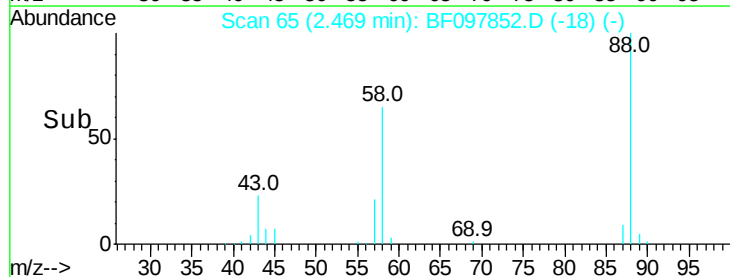
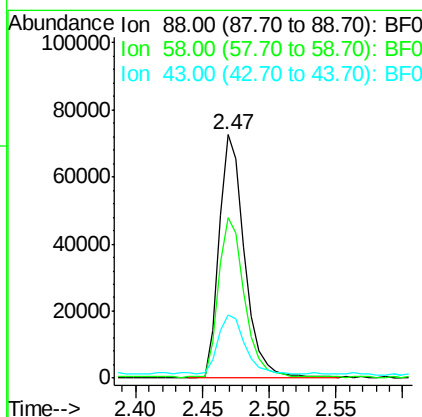
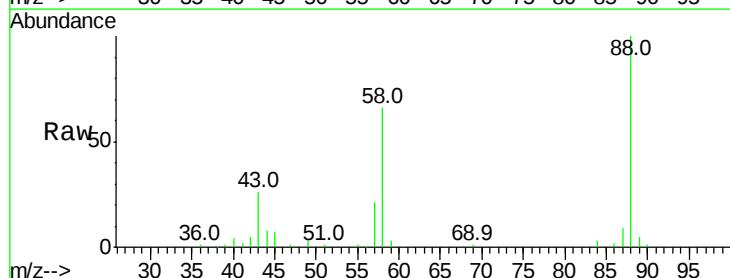
mohammad
8/21/2017 8:19:28 AM

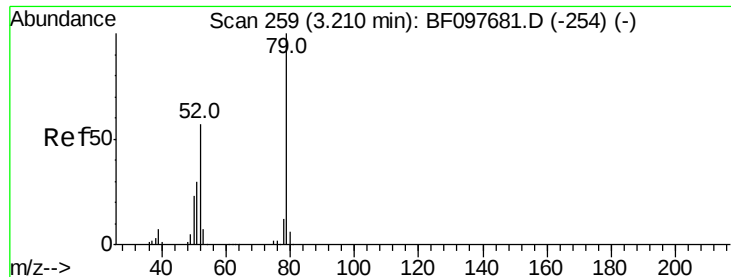


#2

1,4-Dioxane
Concen: 24.198 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	61.4	92.0
43	26.0	23.4	35.0





#3

Pvridine

Concen: 23.809 ng

RT: 3.19 min Scan# 188

Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

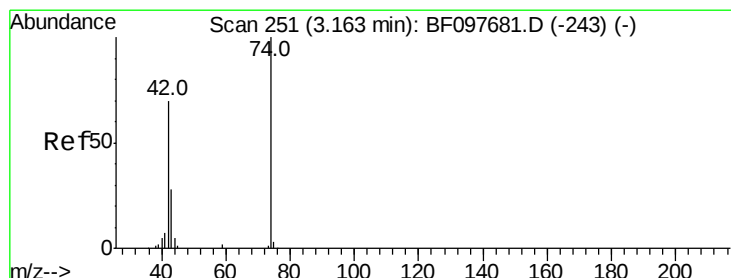
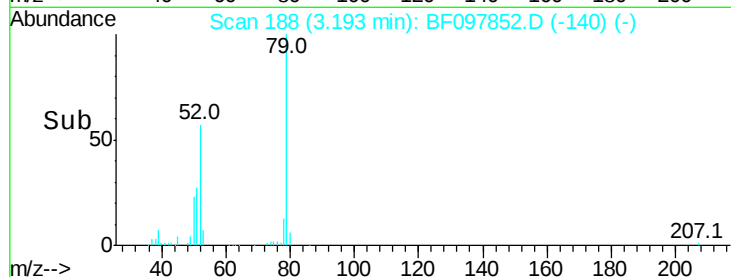
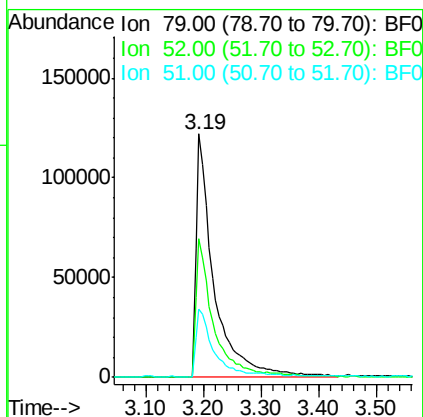
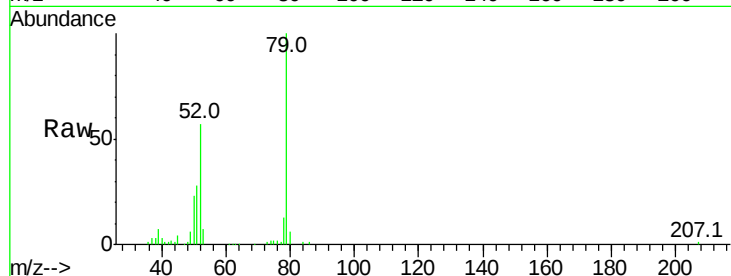
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	79	Resp:	266497
Ion Ratio	Lower	Upper	
79	100		
52	57.1	54.8	82.2
51	27.8	27.0	40.4

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#4

n-Nitrosodimethylamine

Concen: 28.370 ng

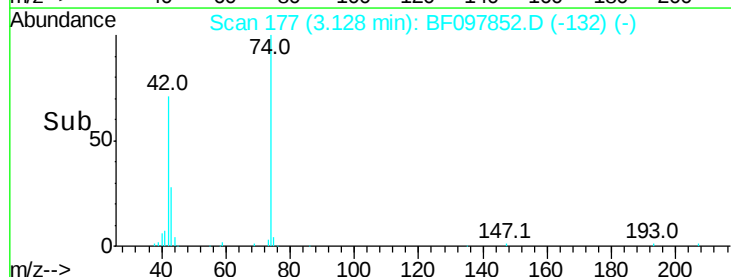
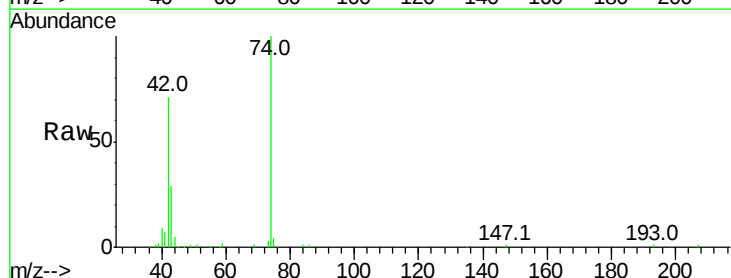
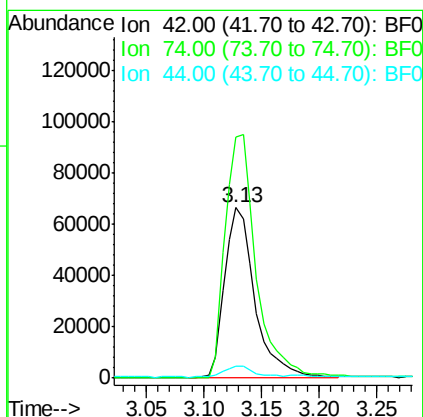
RT: 3.13 min Scan# 177

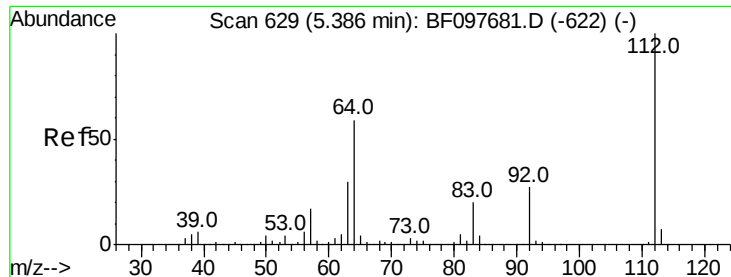
Delta R.T. -0.04 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	42	Resp:	122187
Ion Ratio	Lower	Upper	
42	100		
74	141.3	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 87.801 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

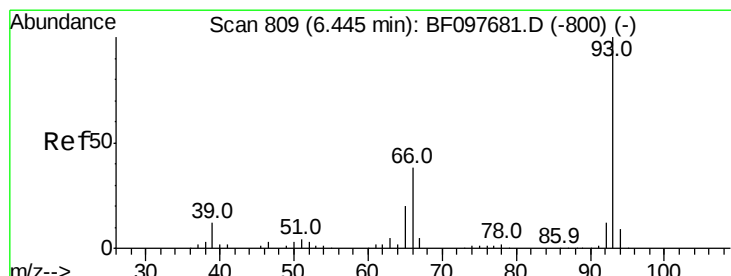
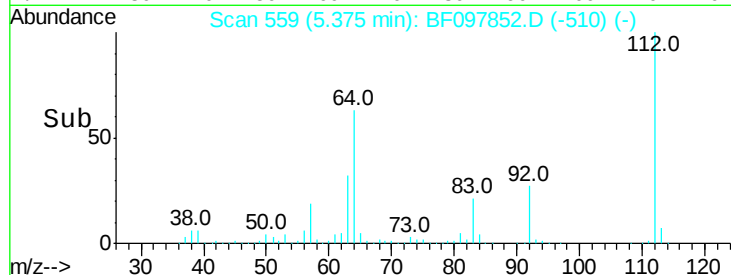
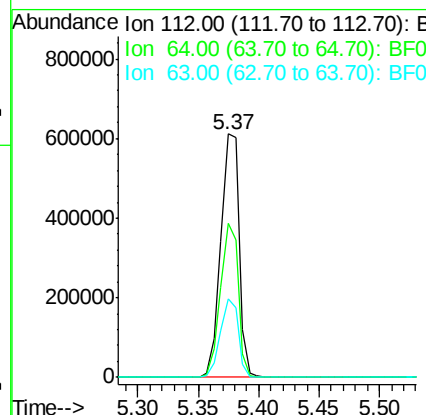
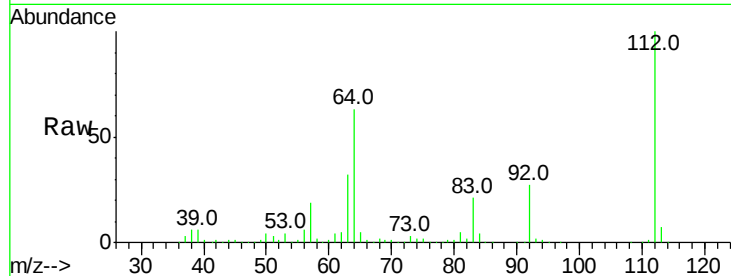
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	112	Resp:	637454
Ion Ratio	Lower	Upper	
112	100		
64	63.3	46.0	69.0
63	32.4	23.4	35.0

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#6

Aniline

Concen: 12.281 ng

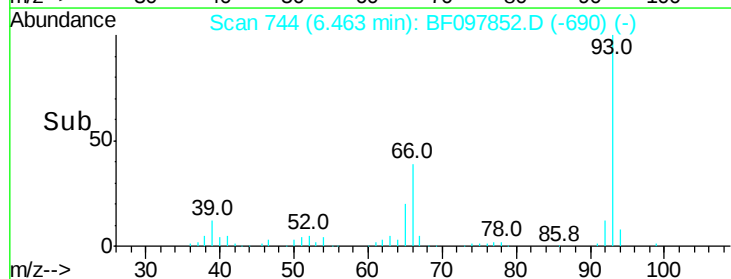
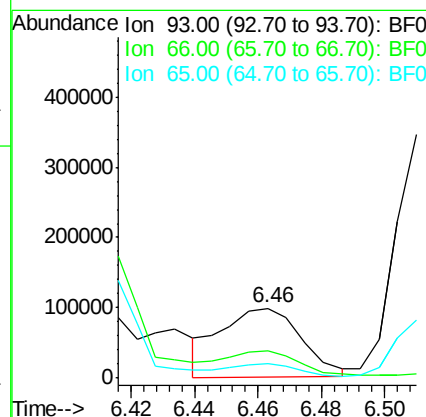
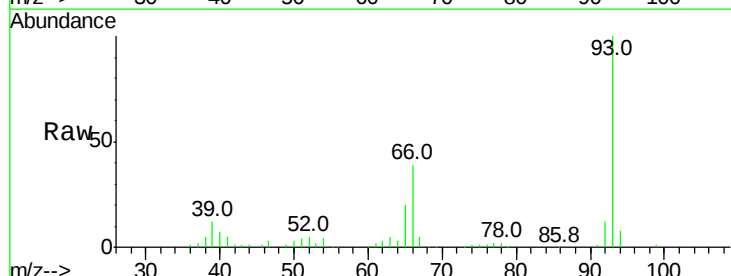
RT: 6.46 min Scan# 744

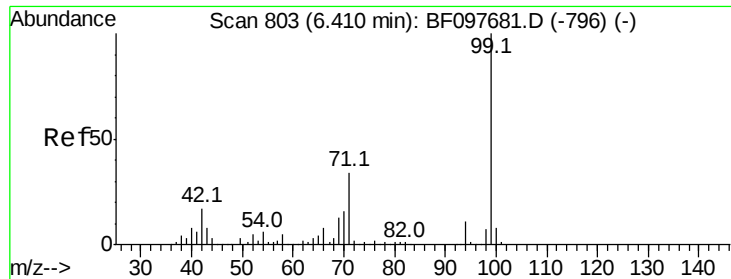
Delta R.T. 0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	93	Resp:	170184
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.9	49.3
65	20.0	16.0	24.0





#7

Phenol-d6

Concen: 87.869 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

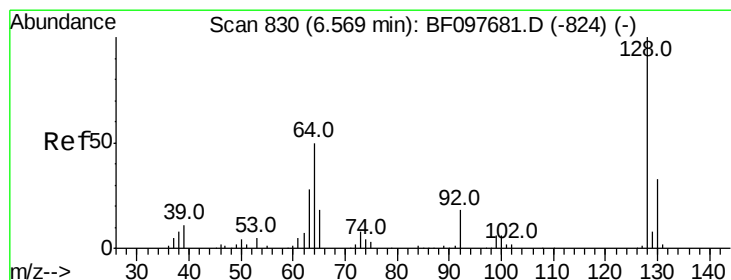
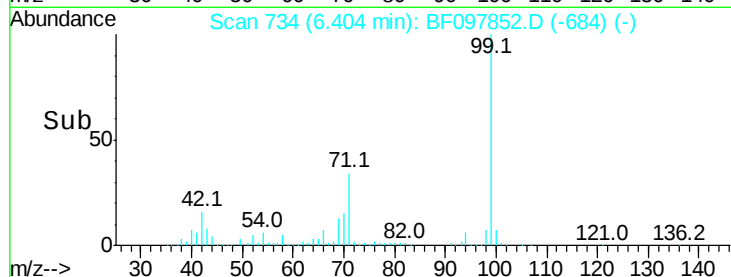
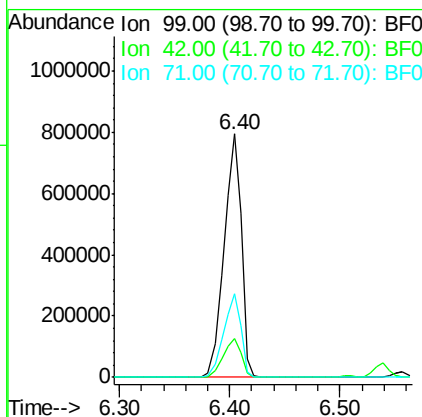
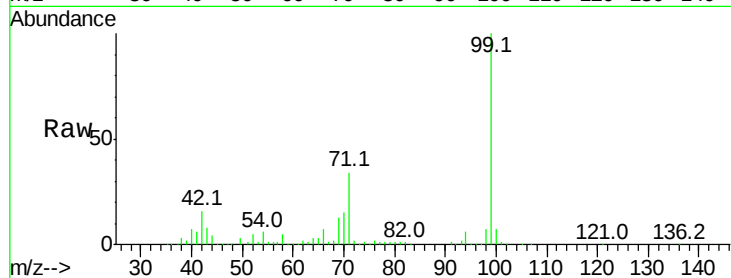
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	99	Resp:	866785
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	34.1	24.5	36.7

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#8

2-Chlorophenol

Concen: 30.335 ng

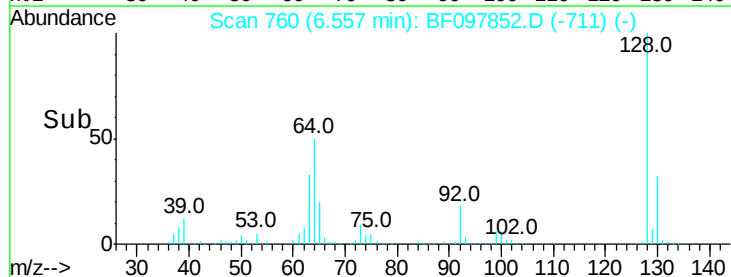
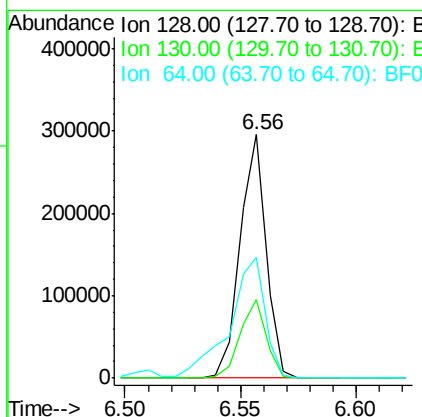
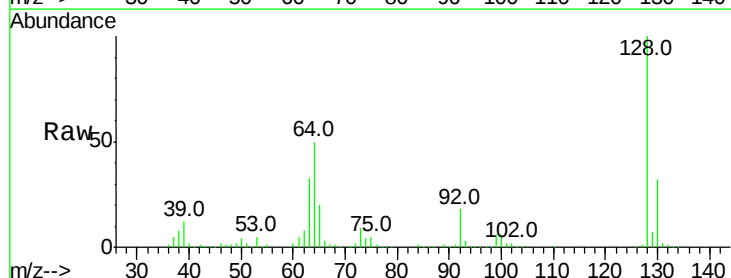
RT: 6.56 min Scan# 760

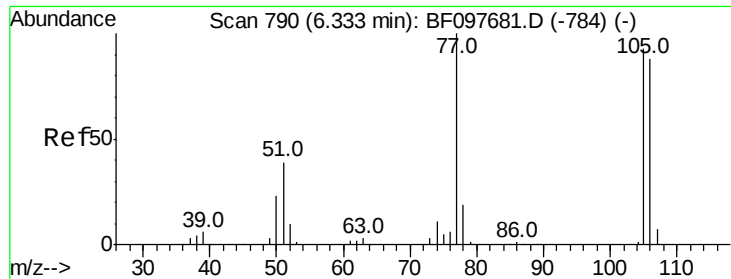
Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	128	Resp:	232268
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	49.7	28.4	68.4





#9

Benzaldehyde

Concen: 20.199 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

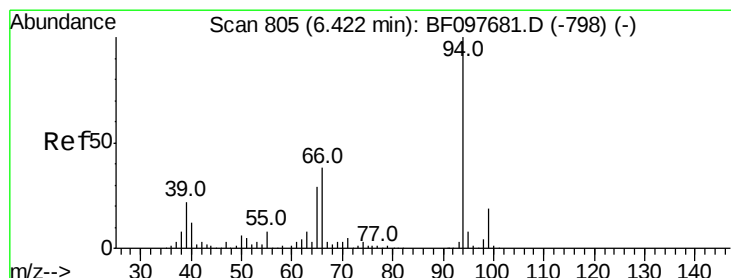
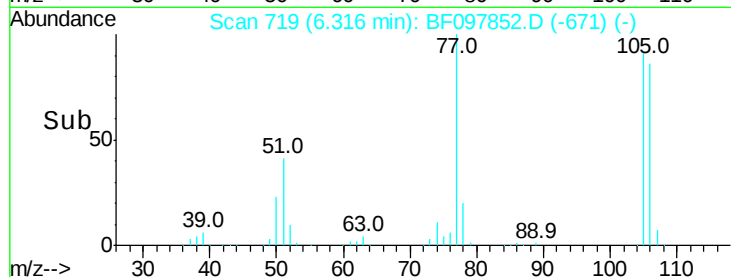
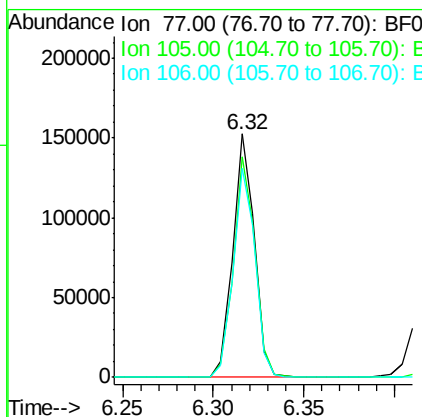
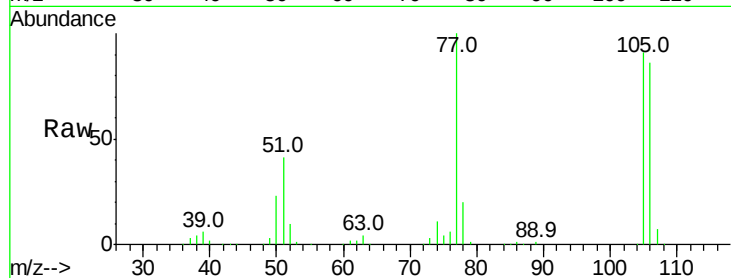
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	90.7	83.8	123.8		
106	85.9	79.1	119.1		

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#10

Phenol

Concen: 31.432 ng

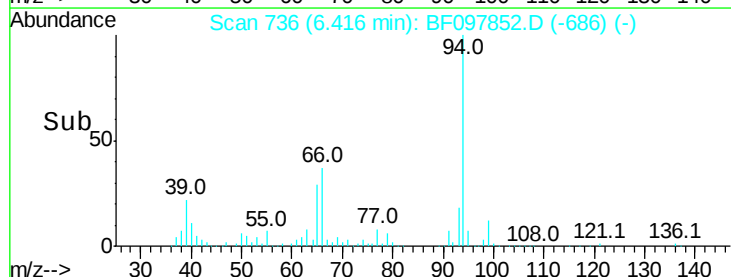
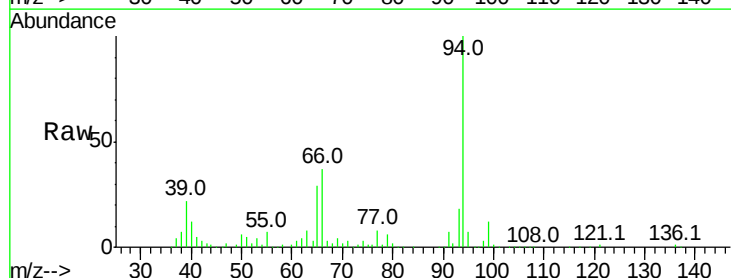
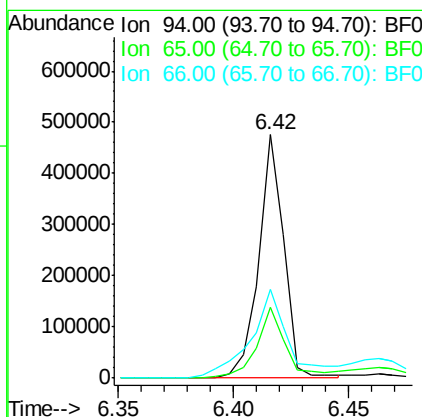
RT: 6.42 min Scan# 736

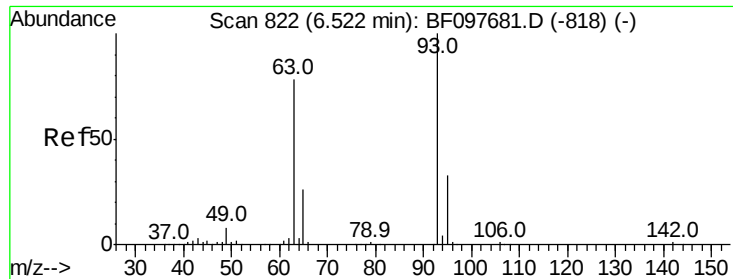
Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.1	9.9	49.9		
66	36.6	23.1	63.1		





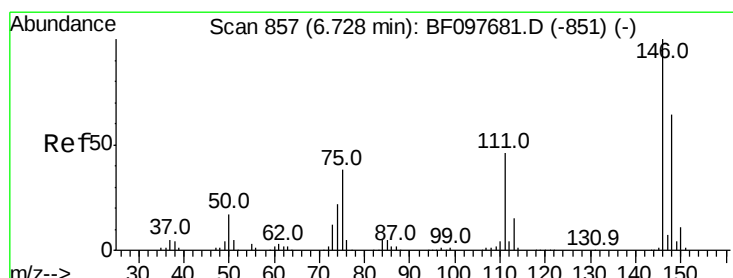
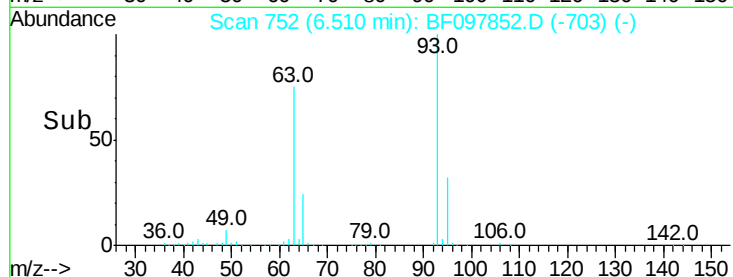
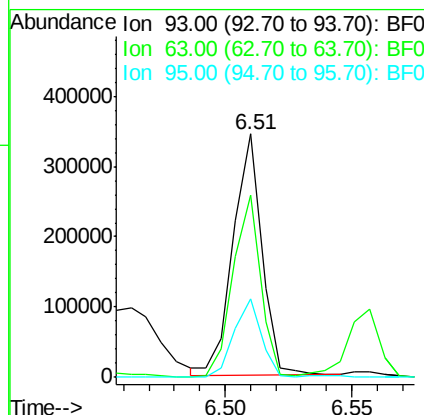
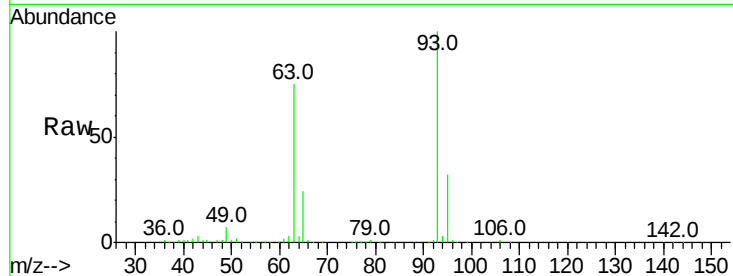
#11
 bis(2-Chloroethyl)ether
 Concen: 30.927 ng
 RT: 6.51 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	93	Resp	269309
Ion Ratio	100	Lower	Upper
93	100		
63	74.6	59.2	99.2
95	32.2	12.8	52.8

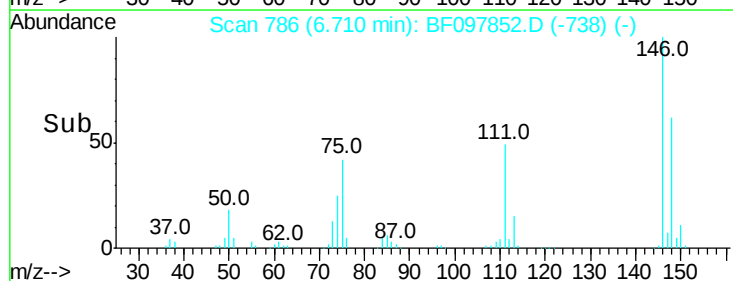
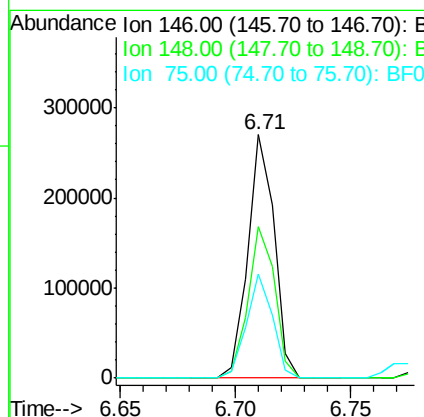
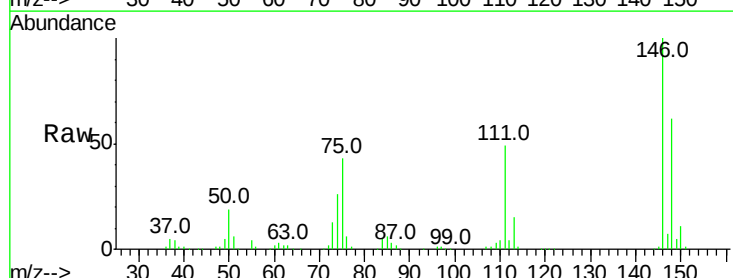
Manual Integrations
 APPROVED

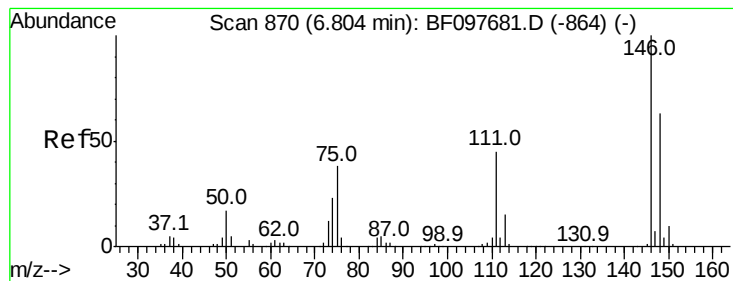
mohammad
 8/21/2017 8:19:28 AM



#12
 1,3-Dichlorobenzene
 Concen: 26.312 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	146	Resp	216699
Ion Ratio	100	Lower	Upper
146	100		
148	62.3	51.8	77.6
75	42.7	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 26.373 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESWMSD

Tot Ion:146 Resp: 220907

Ion Ratio Lower Upper

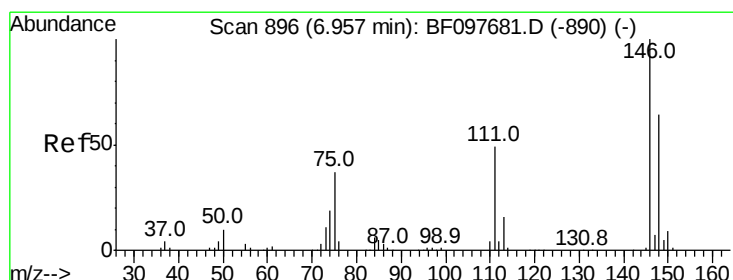
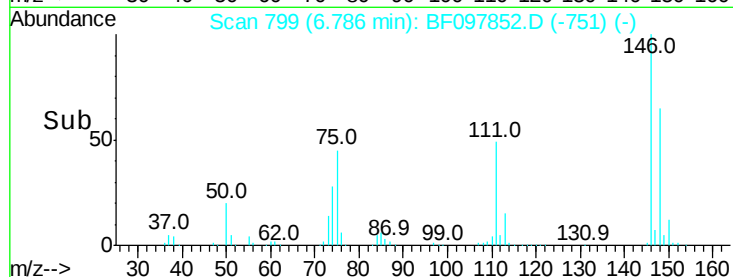
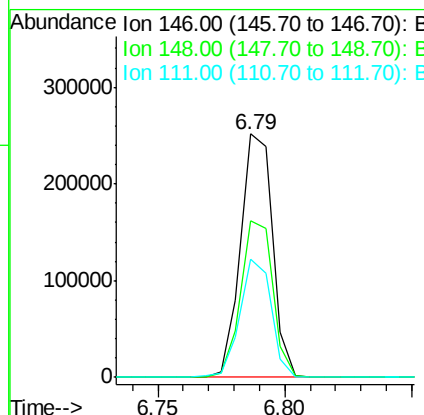
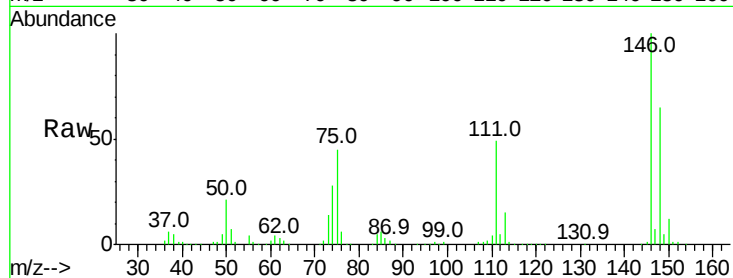
146 100

148 64.5 52.2 78.2

111 48.6 30.3 45.5#

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#14

1,2-Dichlorobenzene

Concen: 27.169 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

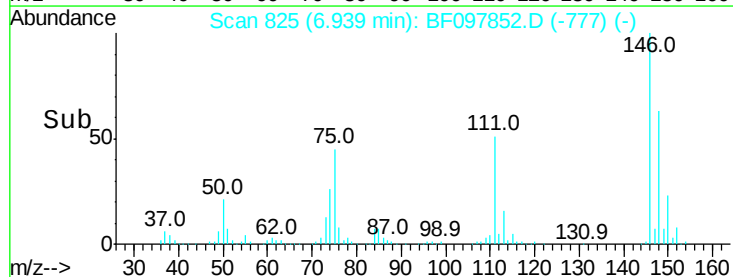
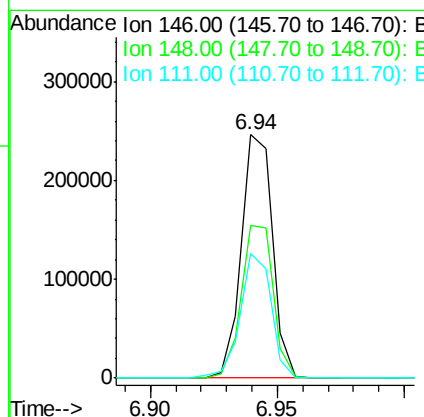
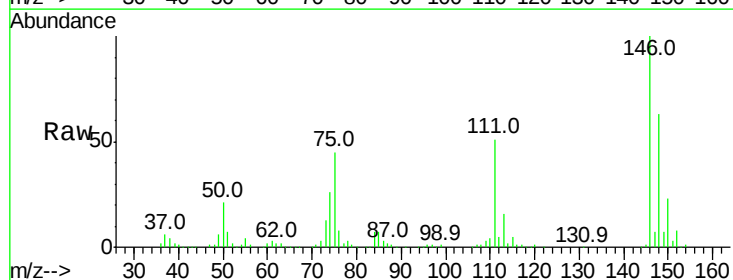
Tgt Ion:146 Resp: 209838

Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

111 51.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 33.419 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

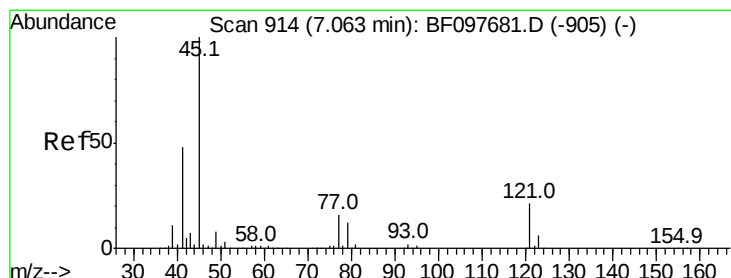
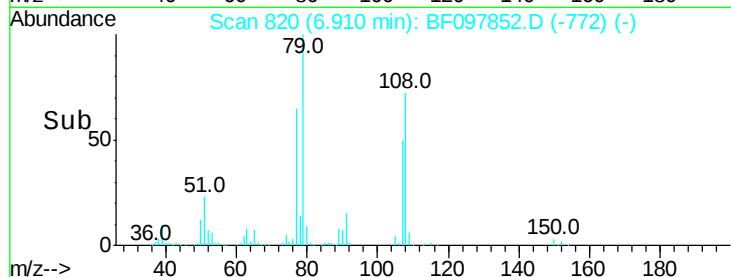
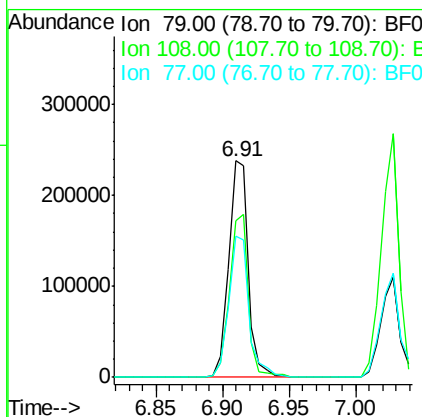
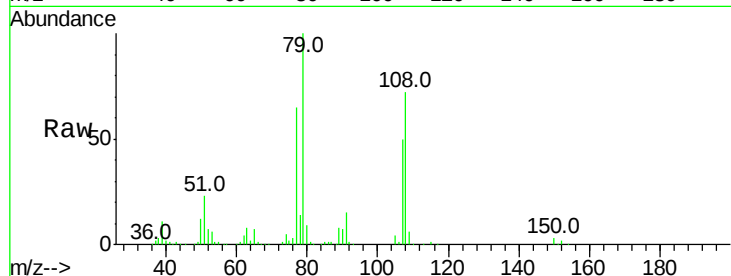
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	79	Resp:	246818
Ion Ratio	Lower	Upper	
79	100		
108	72.4	63.4	95.0
77	65.0	49.2	73.8

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.494 ng

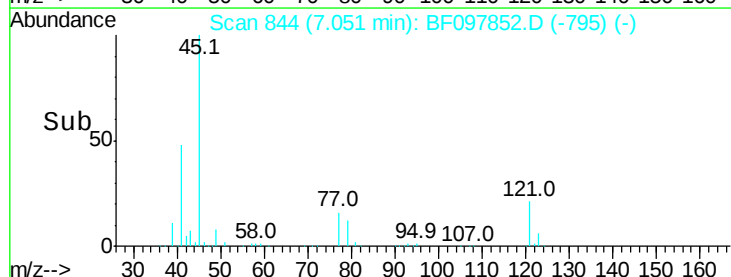
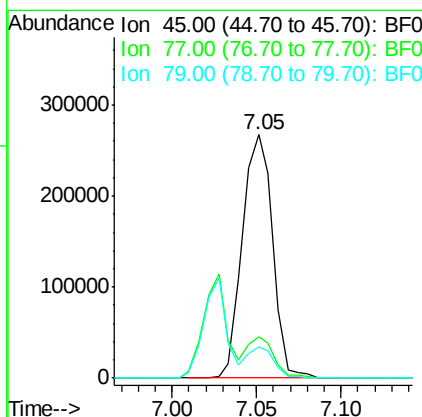
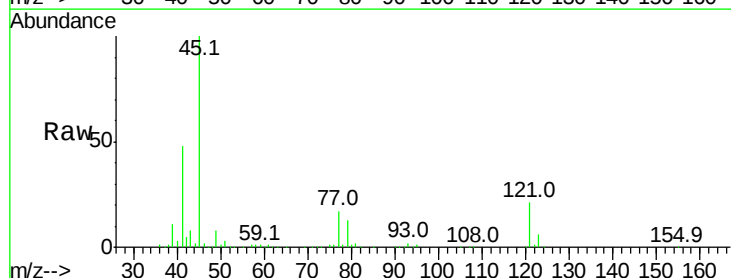
RT: 7.05 min Scan# 844

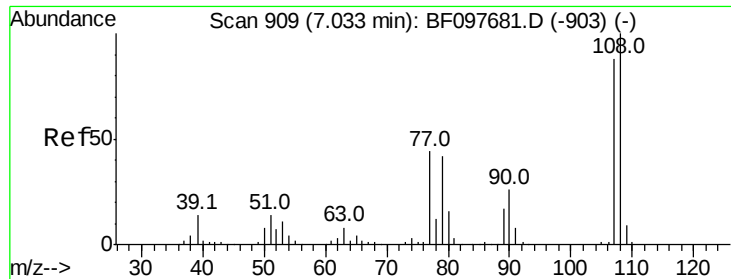
Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	45	Resp:	333830
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	33.2
79	12.5	0.0	30.0





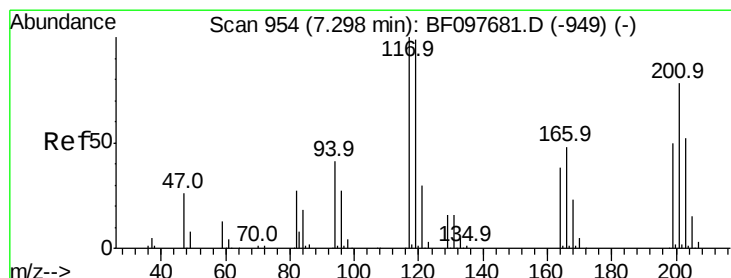
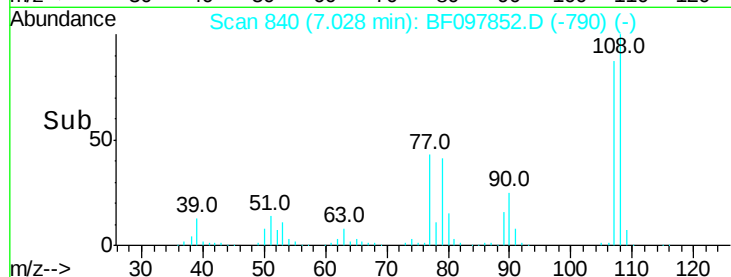
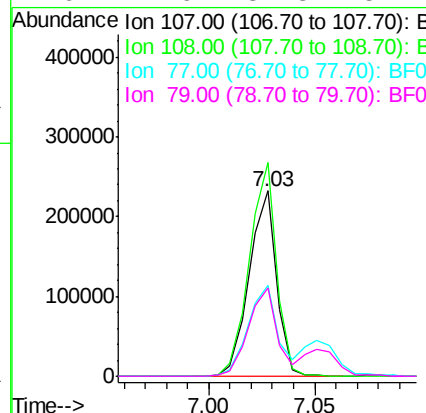
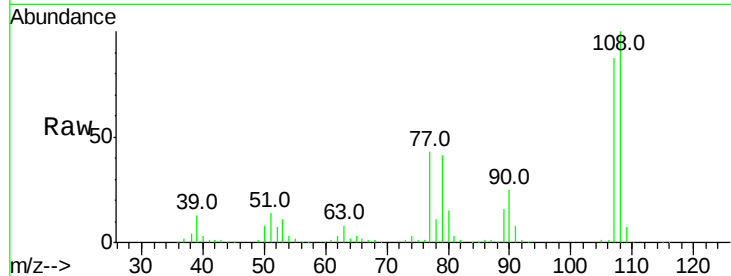
#17
2-Methylphenol
Concen: 31.013 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	209253		
108	115.2		93.4	140.0
77	49.0		35.8	53.6
79	47.6		34.8	52.2

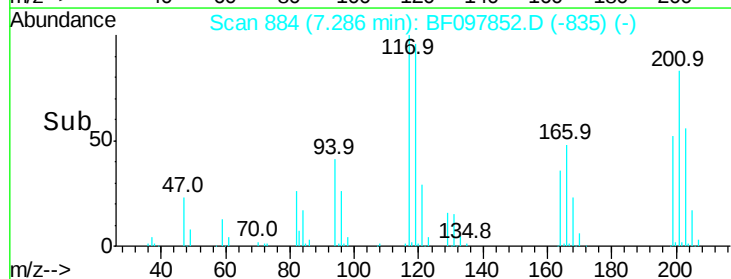
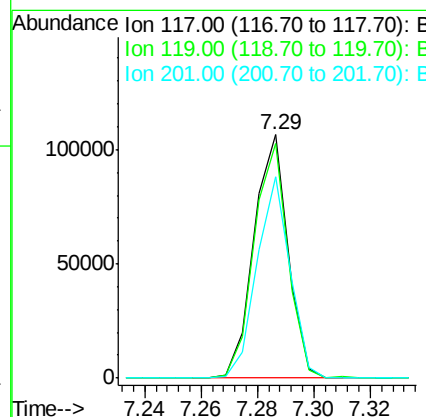
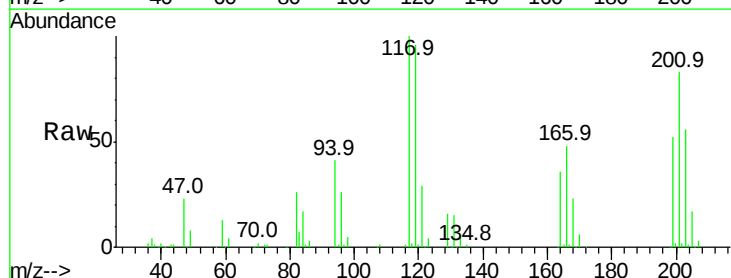
Manual Integrations
APPROVED

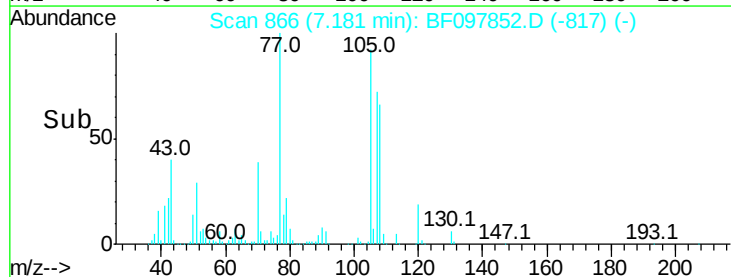
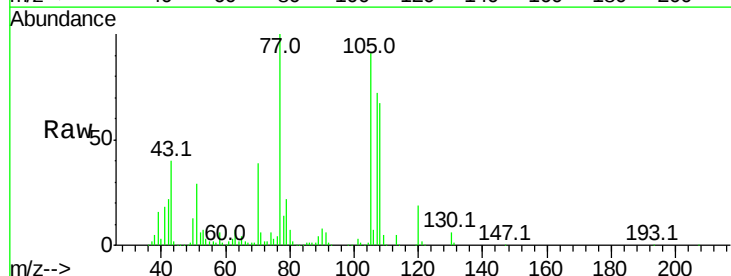
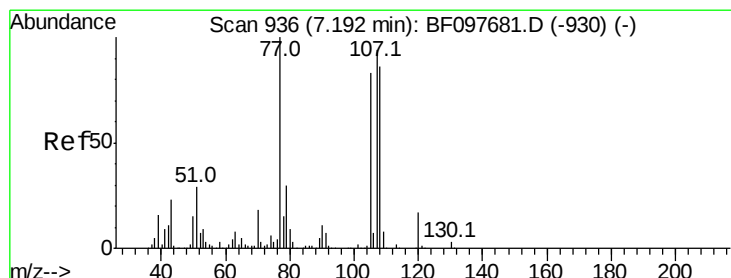
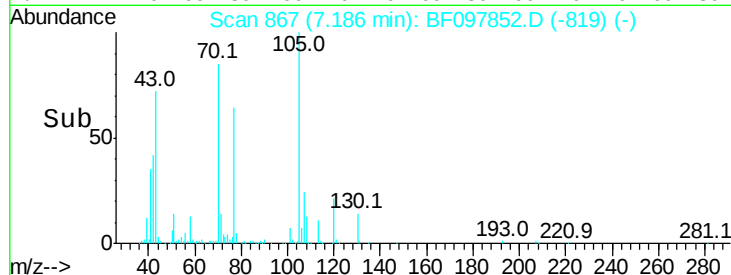
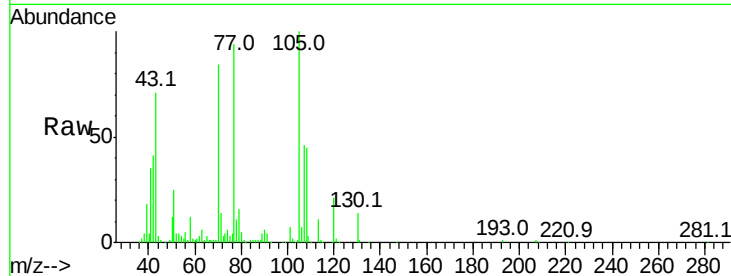
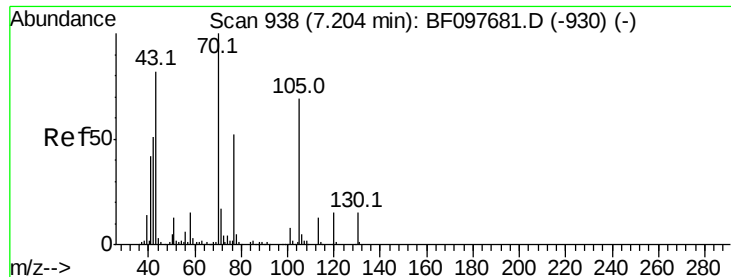
mohammad
8/21/2017 8:19:28 AM



#18
Hexachloroethane
Concen: 27.058 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

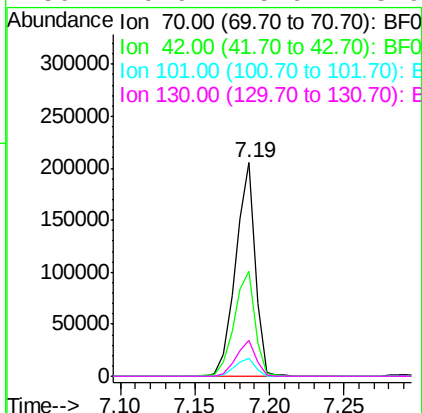
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88858		
119	96.5		77.4	116.0
201	82.5		94.6	141.8#





#19
n-Nitroso-di-n-propylamine
Concen: 28.024 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		189241		
42	49.4	47.2	70.8		
101	8.6	7.2	10.8		
130	16.6	15.9	23.9		



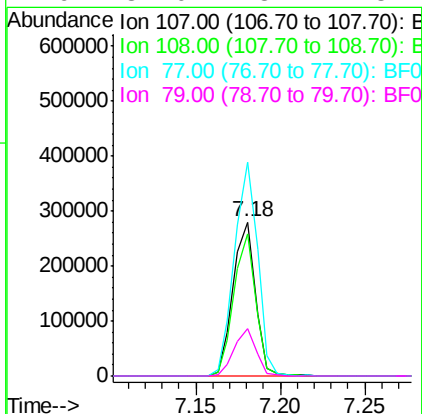
Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

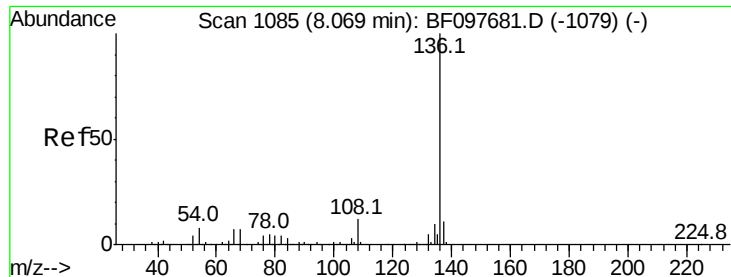
Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM

#20
3+4-Methylphenols
Concen: 31.249 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		257532		
108	92.3	71.0	111.0		
77	138.8	90.5	130.5#		
79	31.0	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

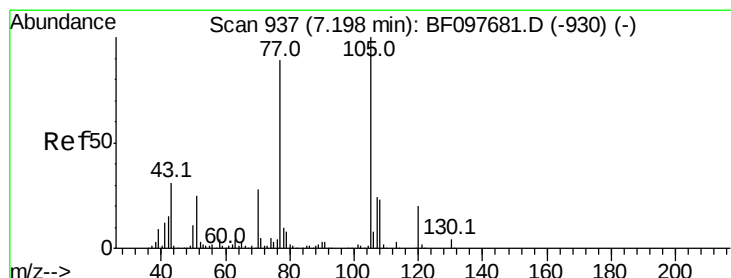
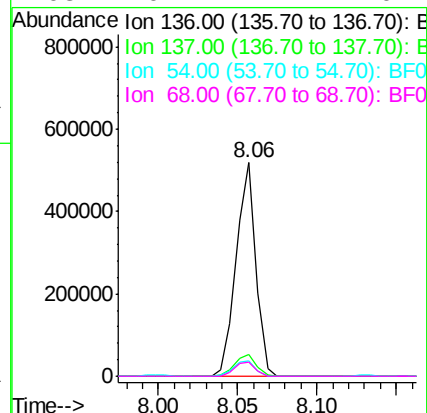
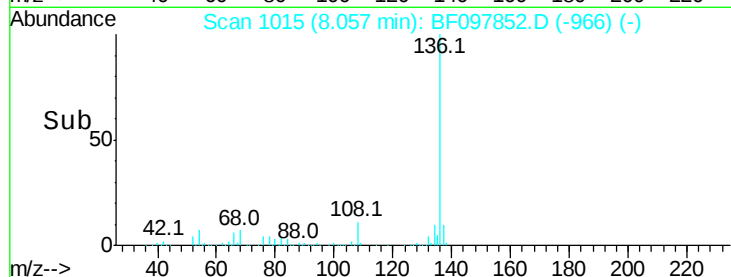
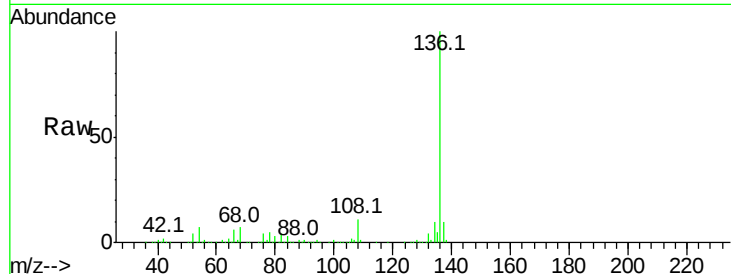
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	448229		
137	10.5	8.5	12.7	
54	7.4	4.9	7.3	
68	6.7	4.1	6.1	

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#22

Acetophenone

Concen: 28.907 ng

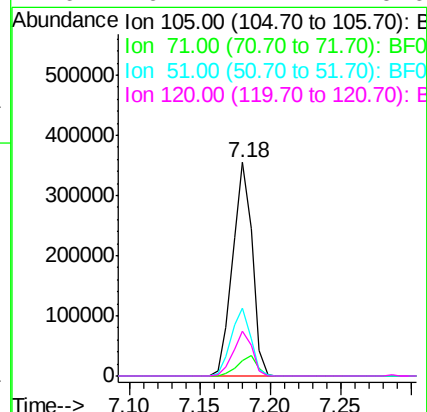
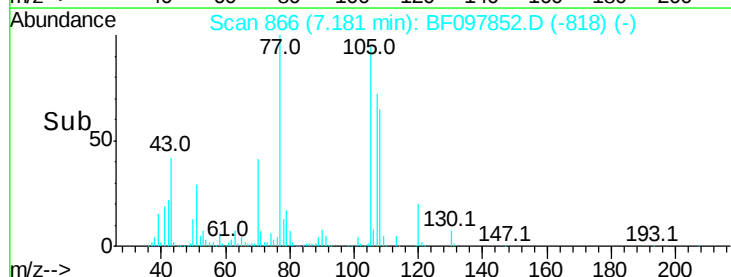
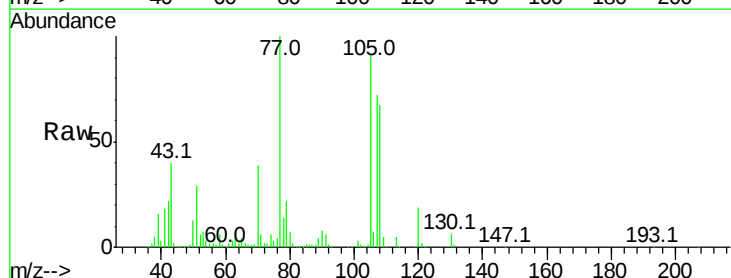
RT: 7.18 min Scan# 866

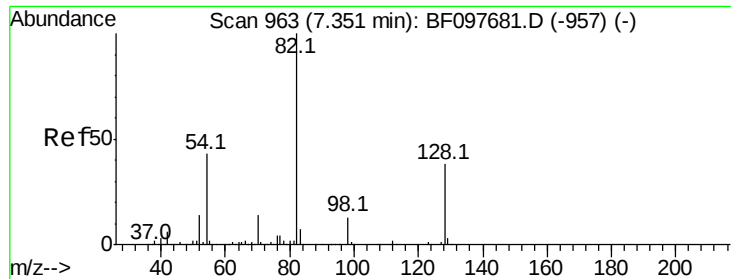
Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342289		
71	7.0	2.8	4.2	
51	31.7	30.7	46.1	
120	20.7	17.4	26.0	





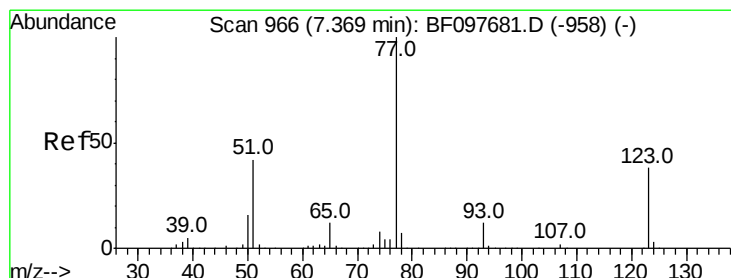
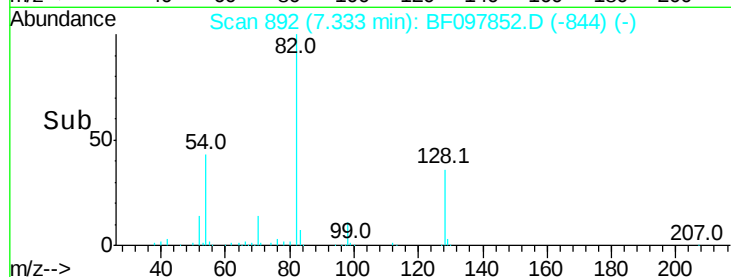
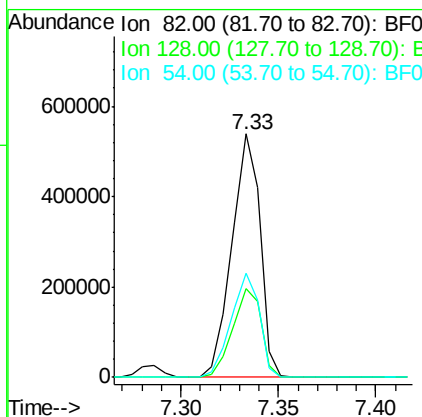
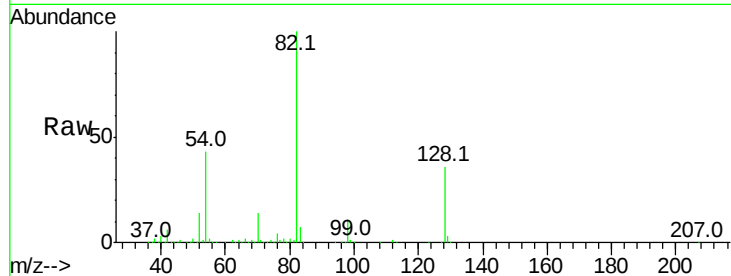
#23
 Nitrobenzene-d5
 Concen: 65.572 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	34.0	51.0
54	42.8	42.2	63.2

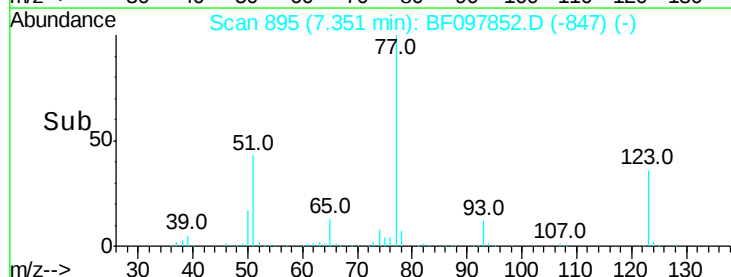
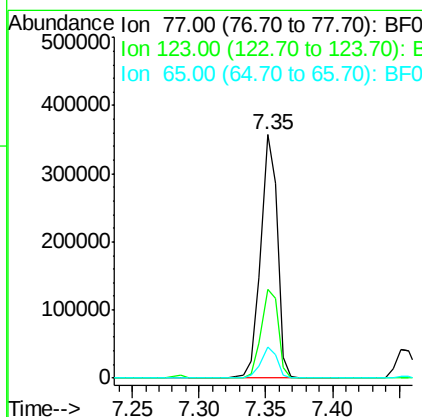
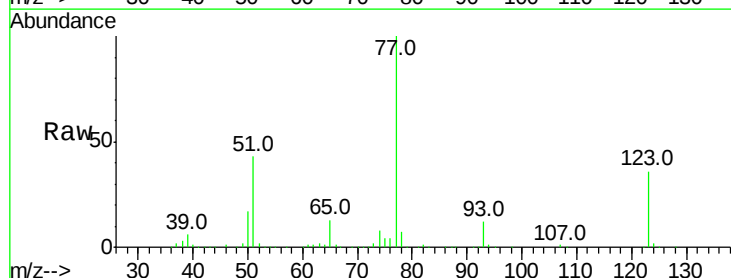
Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:28 AM



#24
 Nitrobenzene
 Concen: 33.001 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 30.698 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

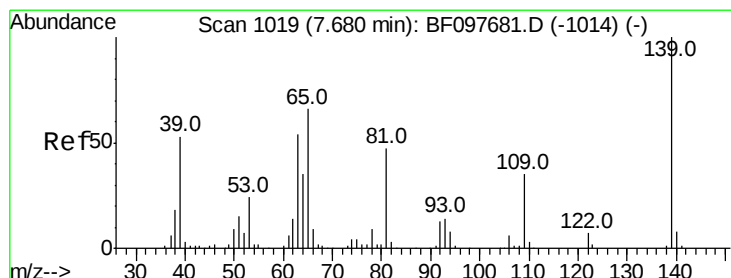
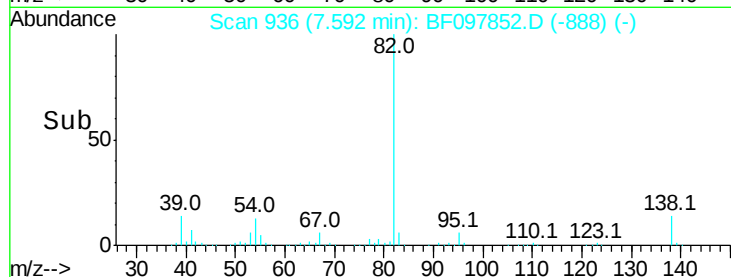
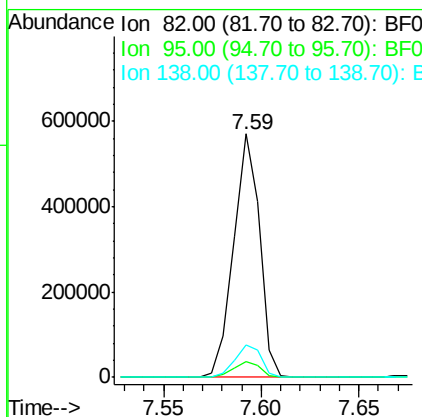
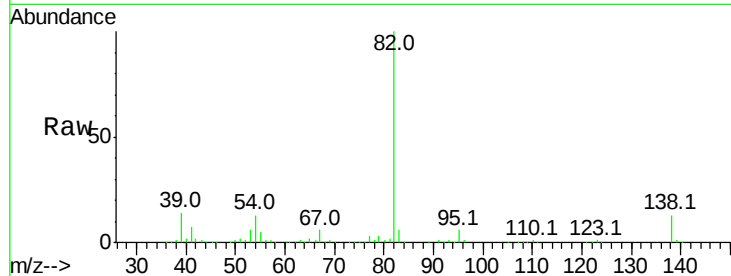
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	82	Resp	526674
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	13.5	13.1	19.7

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#26

2-Nitrophenol

Concen: 35.474 ng

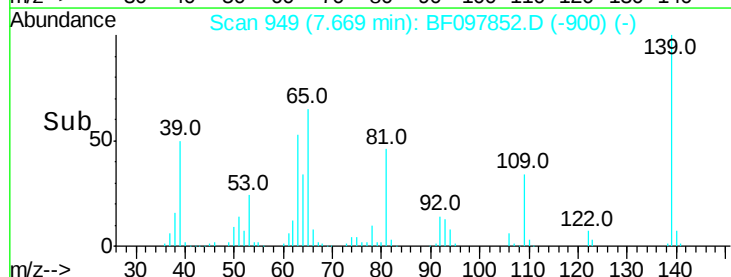
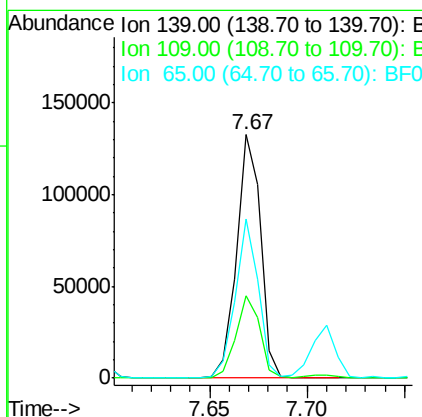
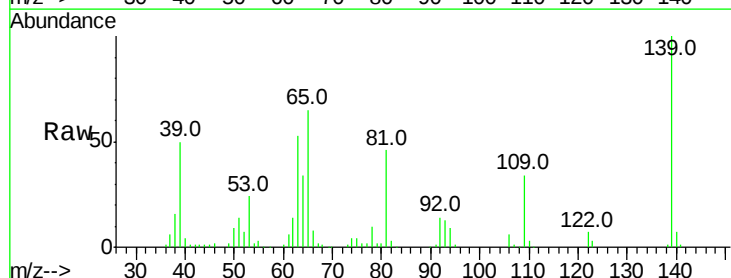
RT: 7.67 min Scan# 949

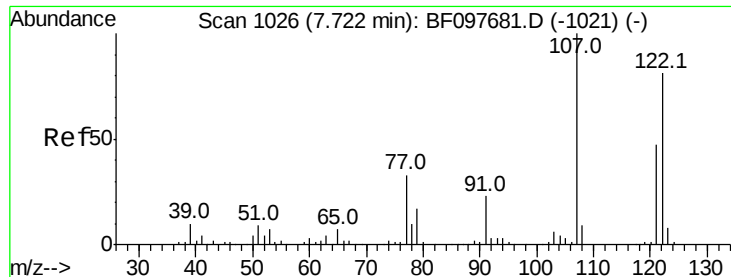
Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion	139	Resp	112942
Ion Ratio	Lower	Upper	
139	100		
109	33.8	21.0	31.6#
65	65.3	33.0	49.6#





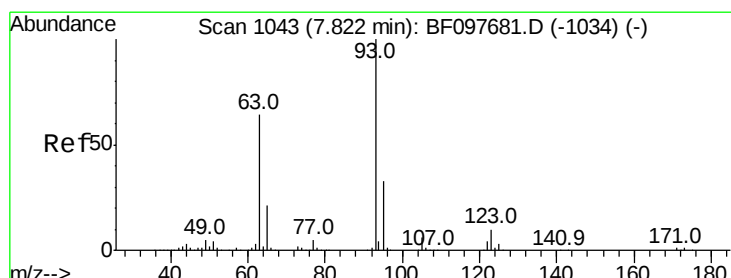
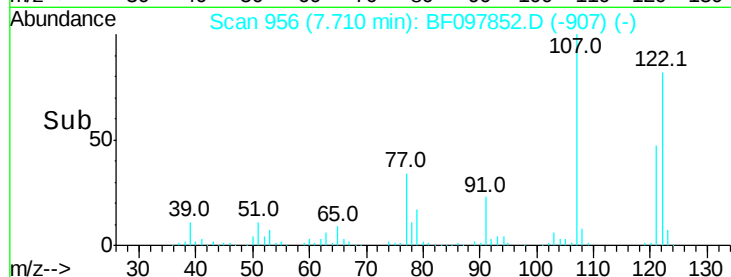
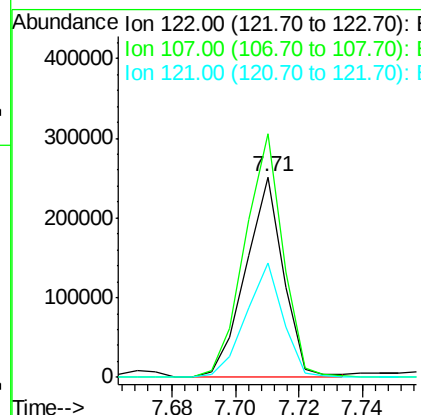
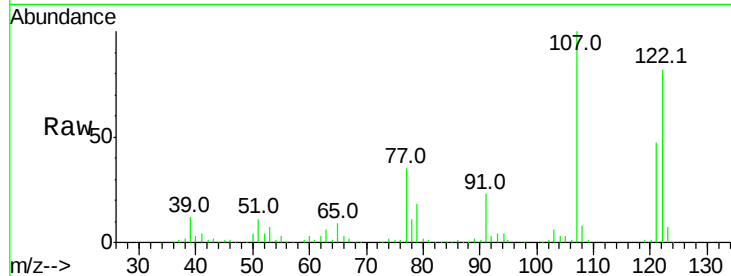
#27
 2,4-Dimethylphenol
 Concen: 29.155 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	208615		
107	121.4		89.2	133.8
121	57.1		45.2	67.8

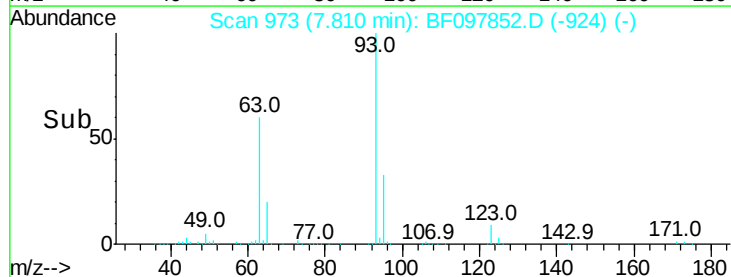
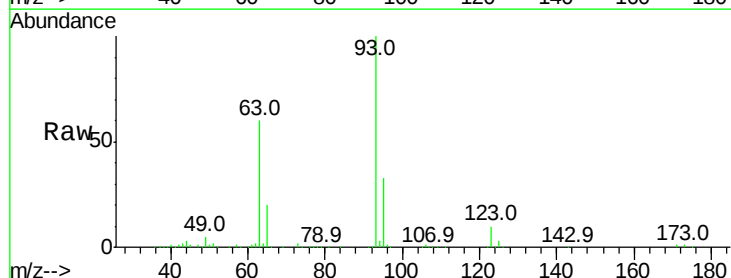
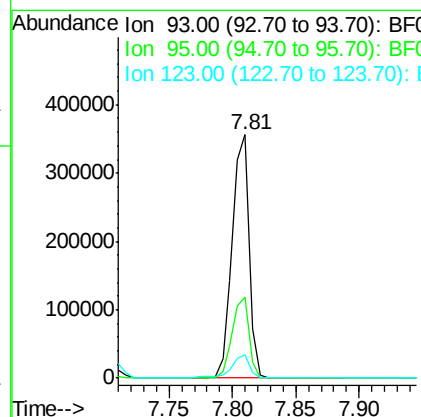
Manual Integrations
 APPROVED

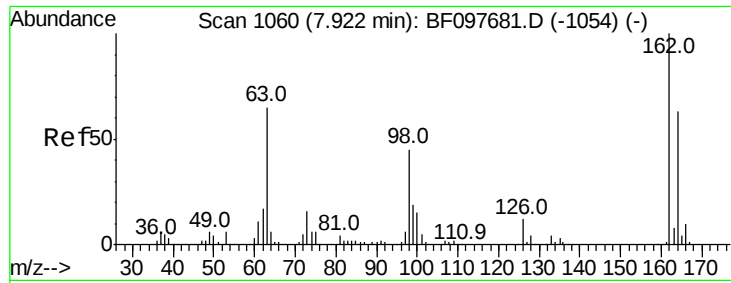
mohammad
 8/21/2017 8:19:28 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.169 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	329010		
95	33.1		26.5	39.7
123	9.6		9.0	13.4





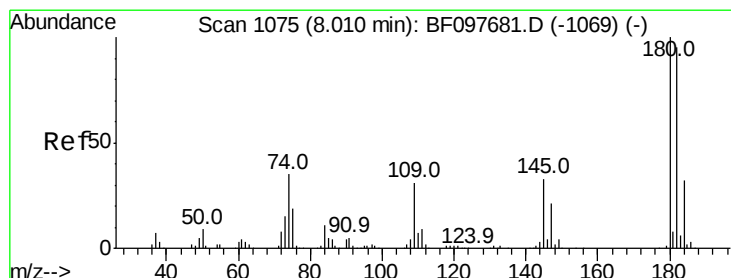
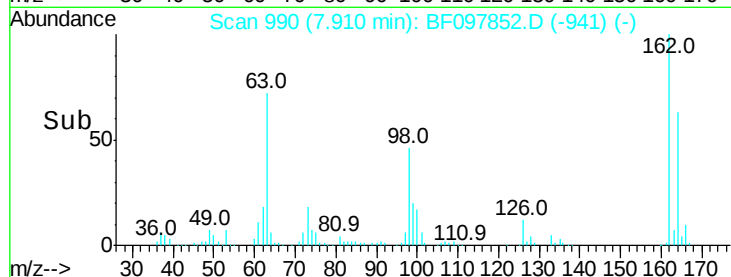
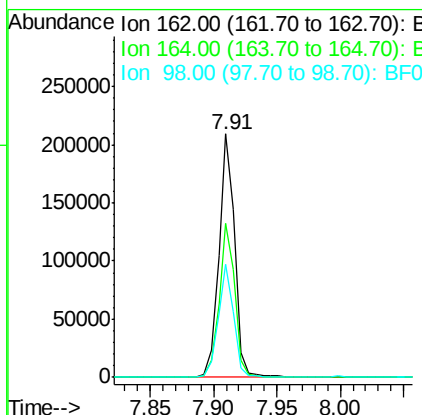
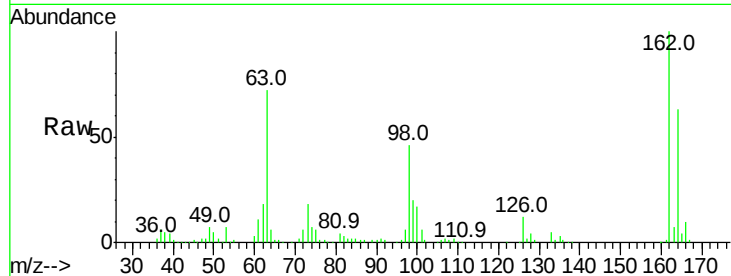
#29
 2,4-Dichlorophenol
 Concen: 30.884 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	183438		
164	63.4	44.6	84.6	
98	46.4	14.8	54.8	

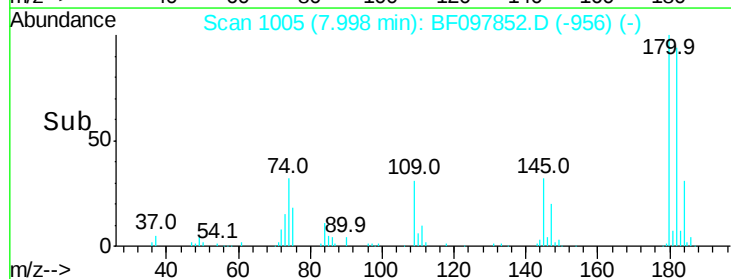
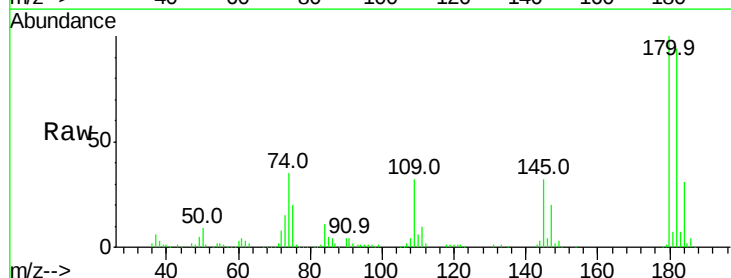
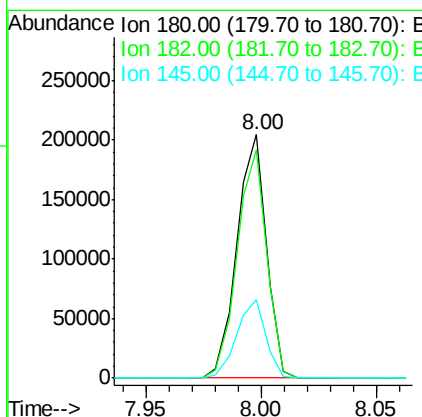
Manual Integrations
 APPROVED

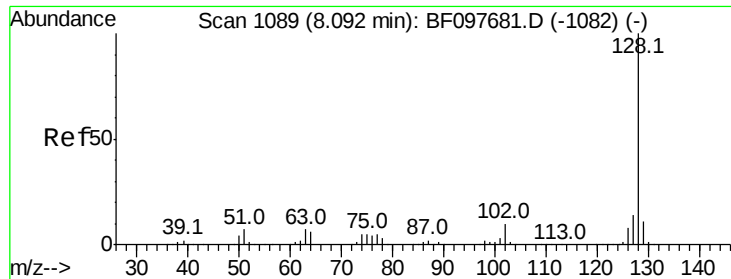
mohammad
 8/21/2017 8:19:28 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 27.650 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182056		
182	93.8	75.8	113.6	
145	32.0	25.3	37.9	





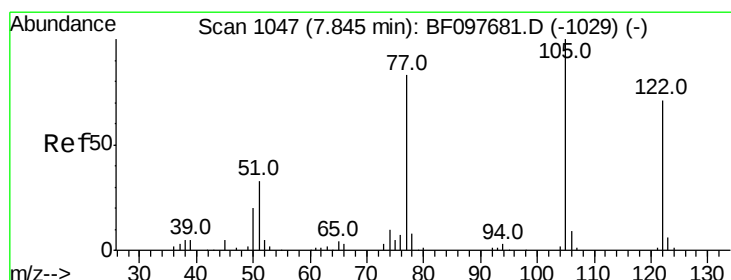
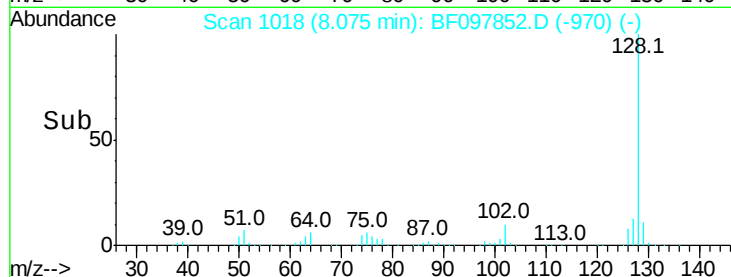
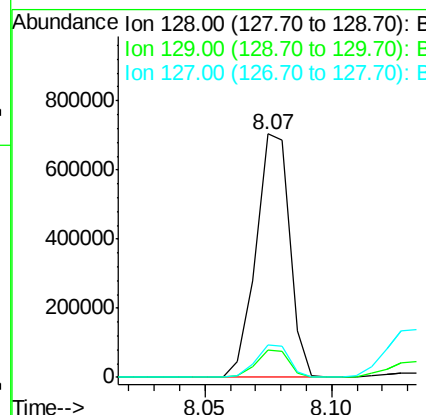
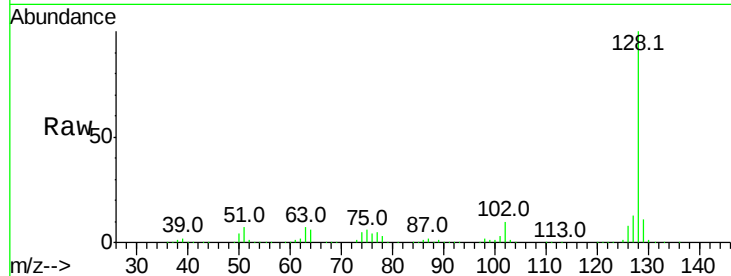
#31
Naphthalene
Concen: 28.227 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.0	13.6	
127	13.5	10.8	16.2	

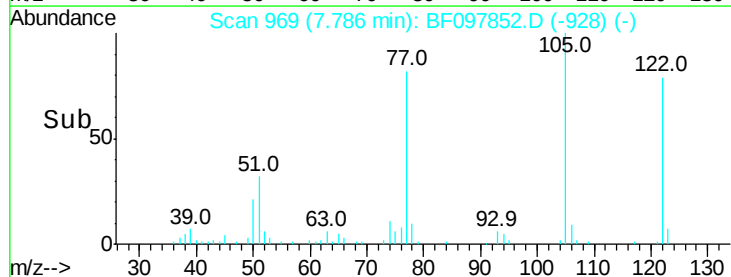
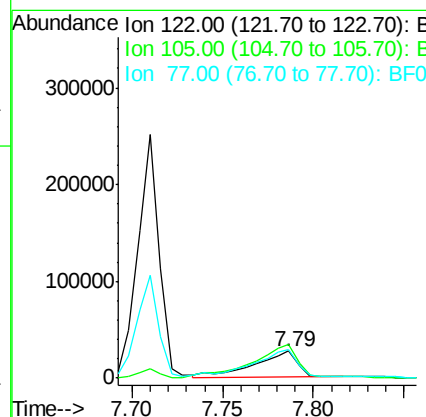
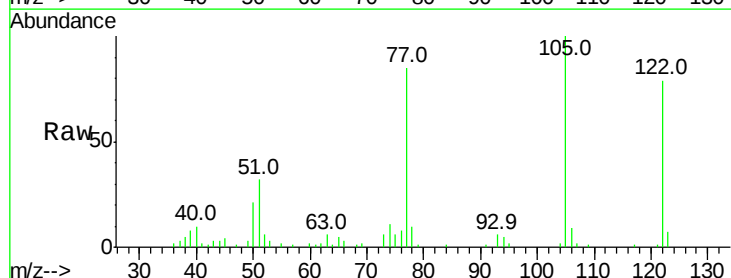
Manual Integrations
APPROVED

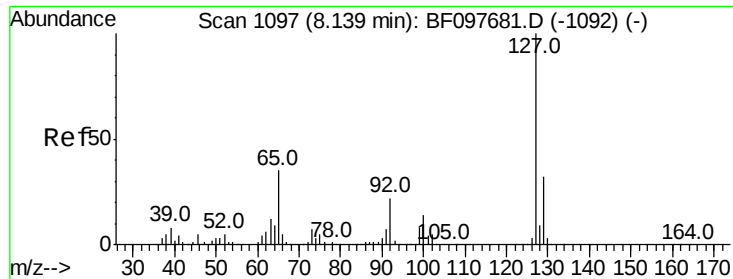
mohammad
8/21/2017 8:19:28 AM



#32
Benzoic acid
Concen: 13.614 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.06 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.3	103.3	143.3	
77	108.4	73.7	113.7	





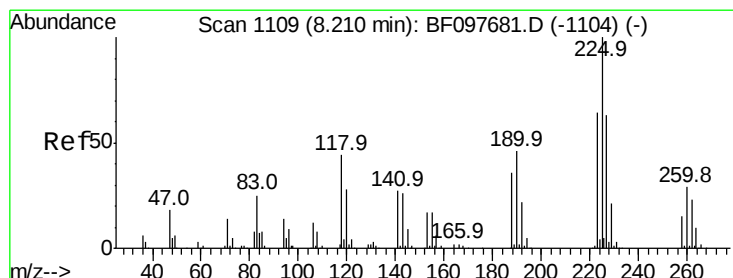
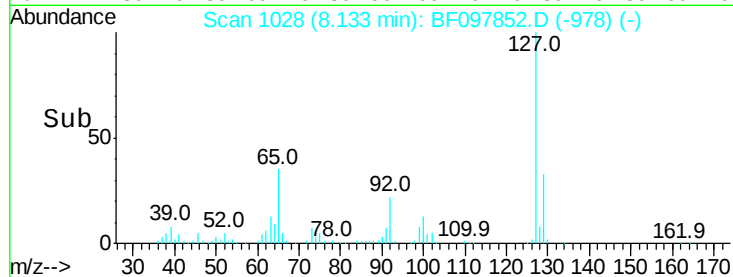
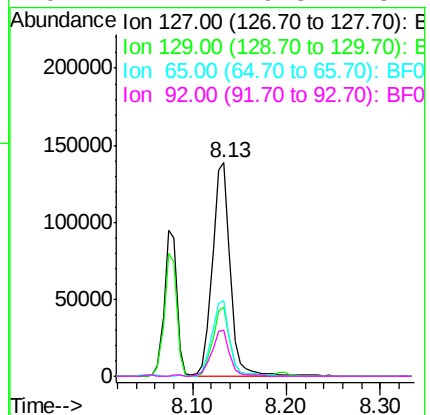
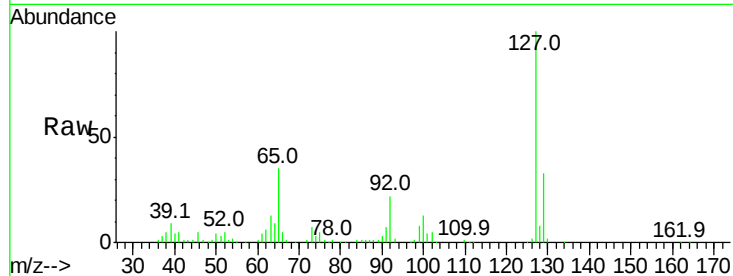
#33
4-Chloroaniline
Concen: 19.107 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	187514		
129	32.6	26.2	39.2	
65	35.4	27.8	41.8	
92	21.7	16.8	25.2	

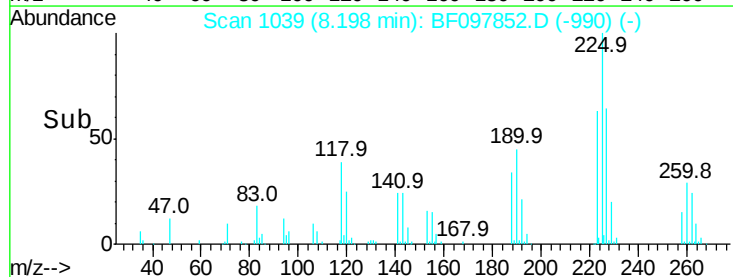
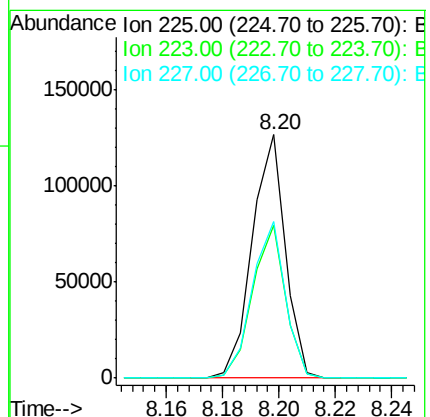
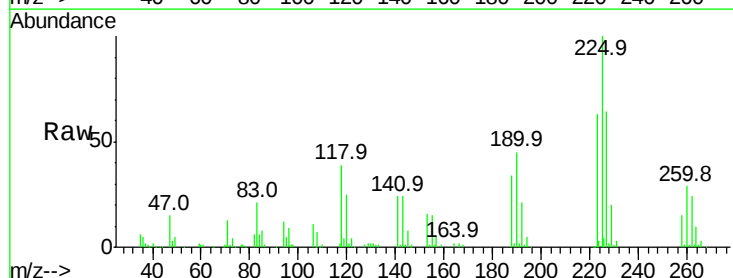
Manual Integrations
APPROVED

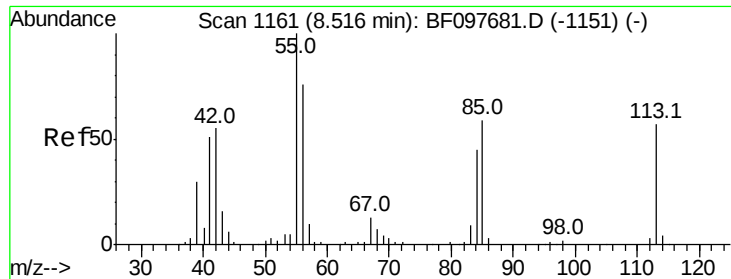
mohammad
8/21/2017 8:19:28 AM



#34
Hexachlorobutadiene
Concen: 26.647 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102441		
223	62.6	48.8	73.2	
227	64.5	51.1	76.7	





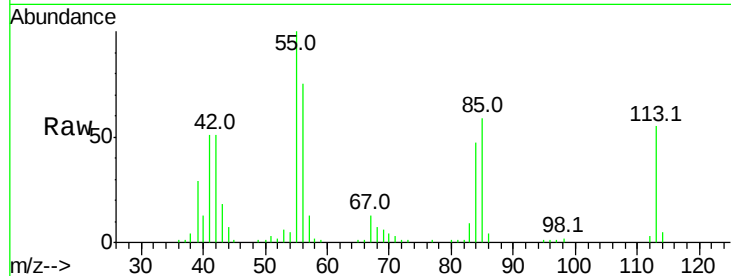
#35
 Caprolactam
 Concen: 32.490 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.04 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.1	150.2	190.2
56	138.1	107.8	147.8

Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:28 AM

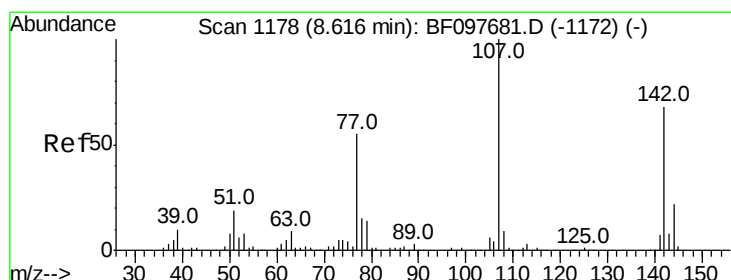
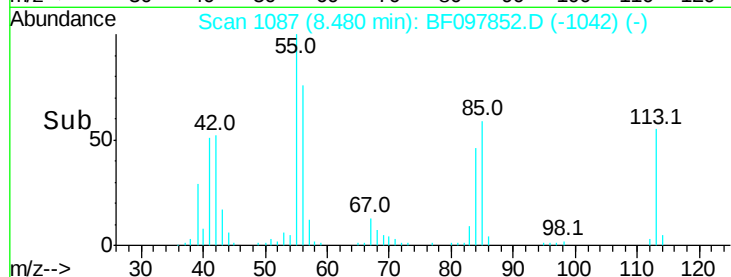
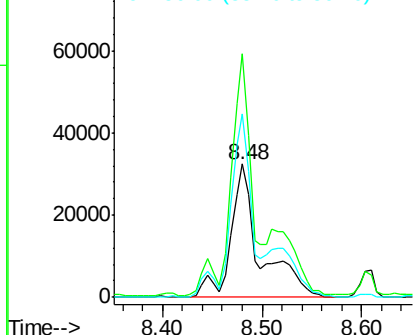


Abundance

Ion 113.00 (112.70 to 113.70): E

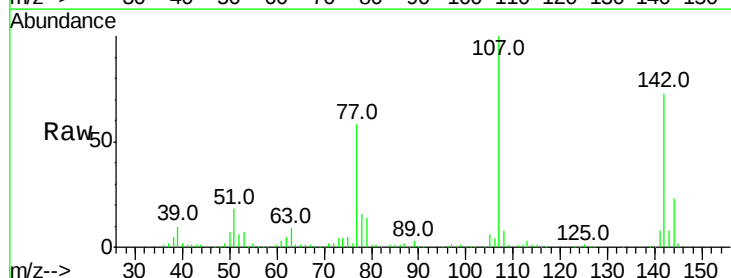
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 29.938 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	24.2	36.4#
142	72.8	73.4	110.0#

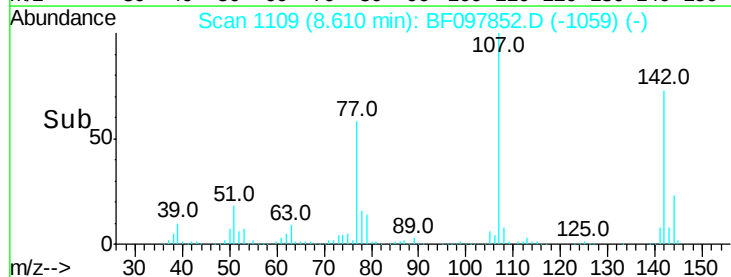
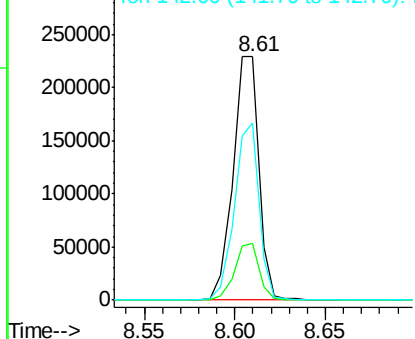


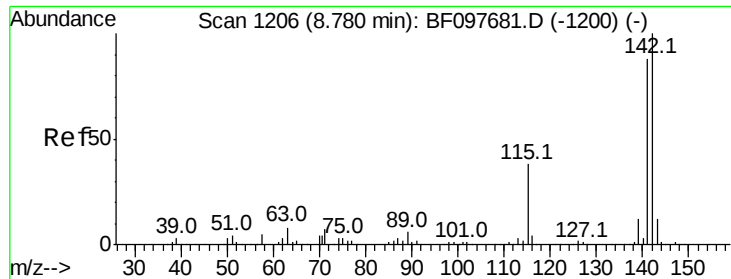
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





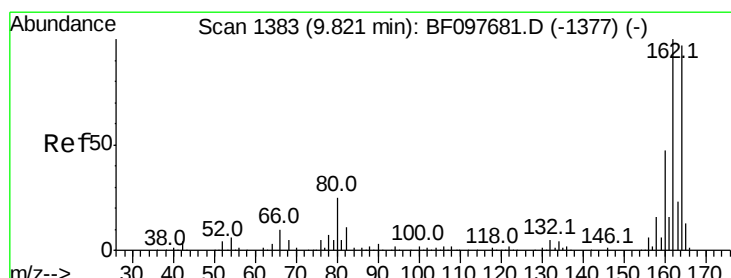
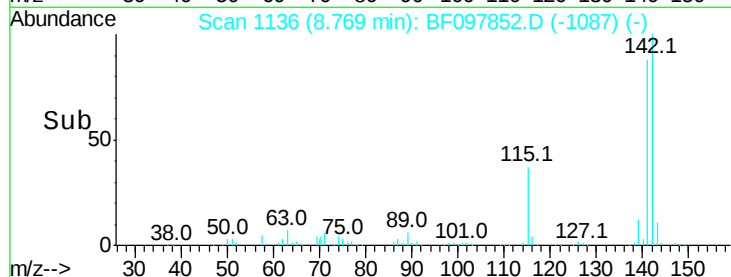
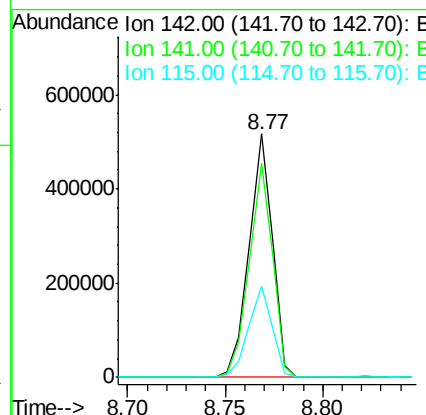
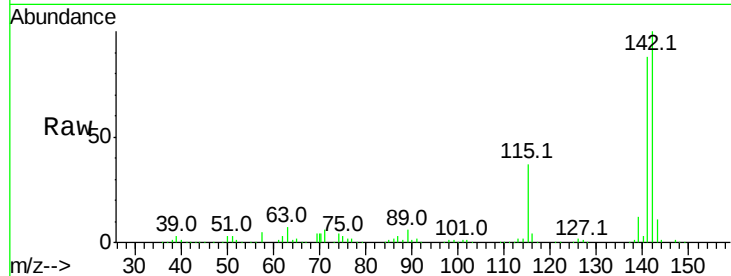
#37
 2-Methylnaphthalene
 Concen: 30.222 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	431168		
141	88.1	71.3	106.9	
115	37.4	27.1	40.7	

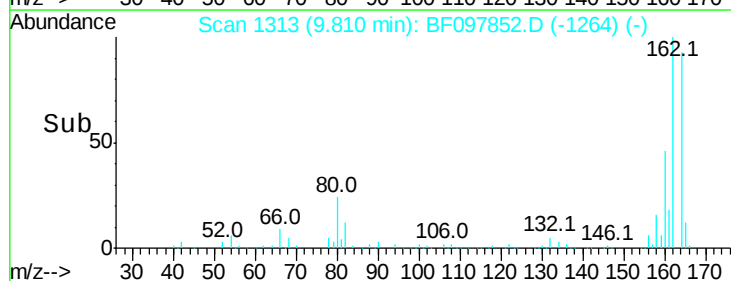
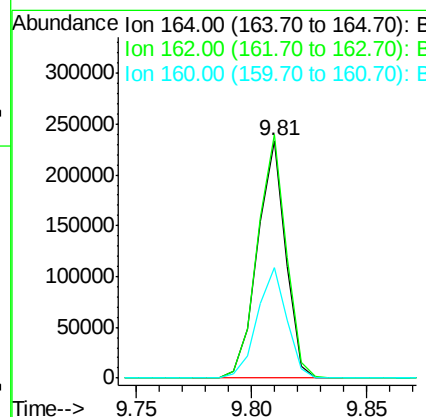
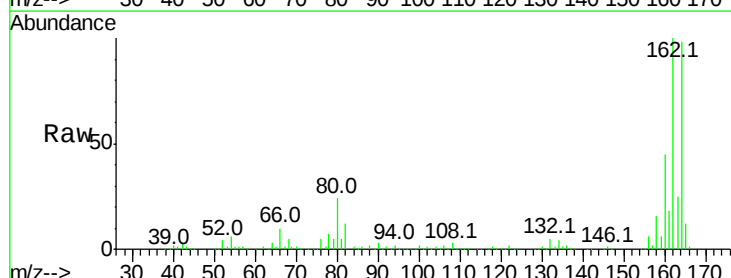
Manual Integrations
 APPROVED

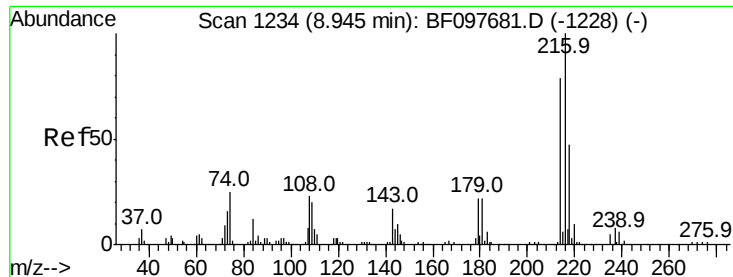
mohammad
 8/21/2017 8:19:28 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200046		
162	102.5	82.6	123.8	
160	46.5	36.2	54.2	





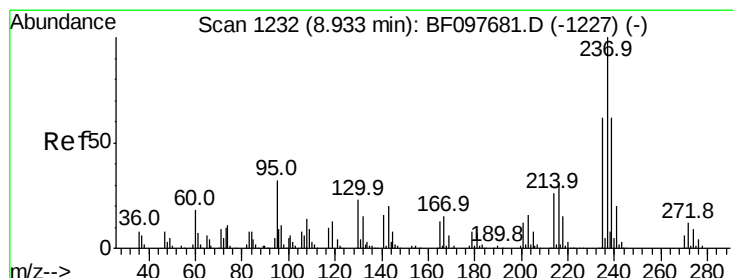
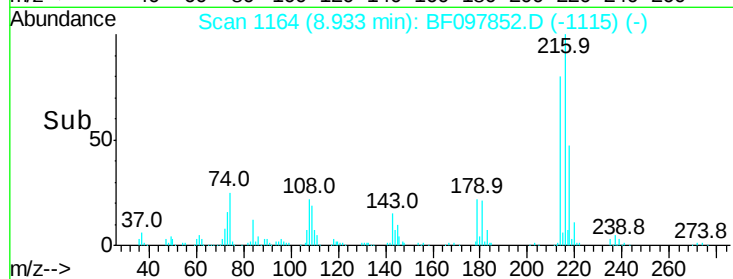
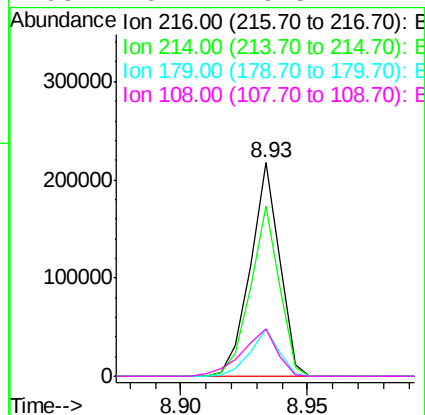
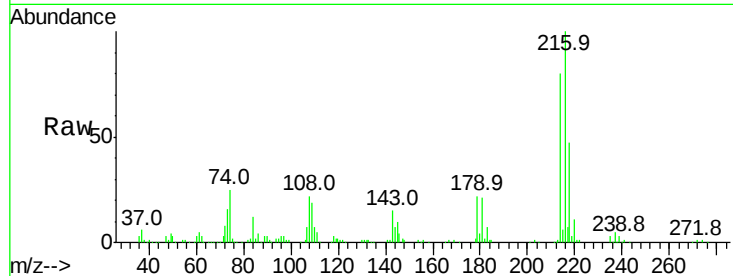
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.401 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	174362		
214	78.9	63.4	95.2	
179	21.9	17.9	26.9	
108	26.4	16.5	24.7	

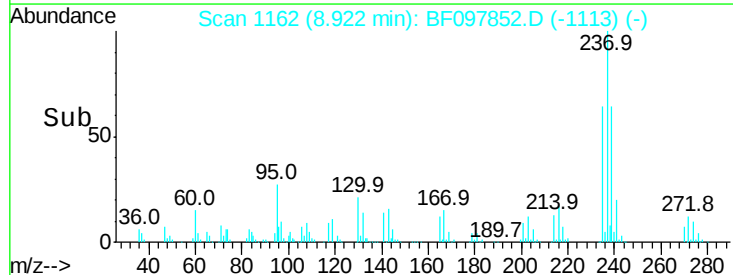
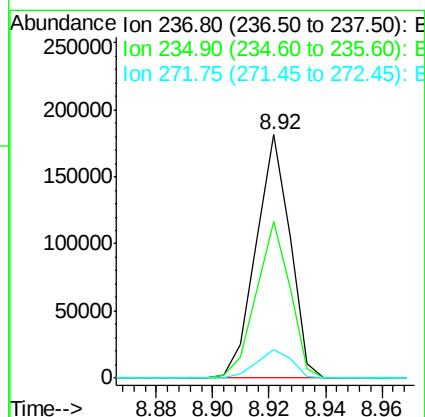
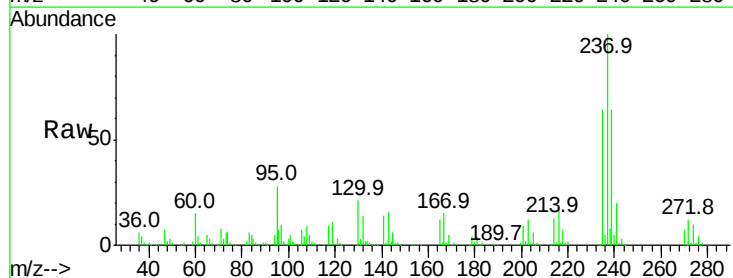
Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:28 AM



#40
 Hexachlorocyclopentadiene
 Concen: 51.296 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	151292		
235	64.5	42.6	82.6	
272	11.7	0.0	31.9	





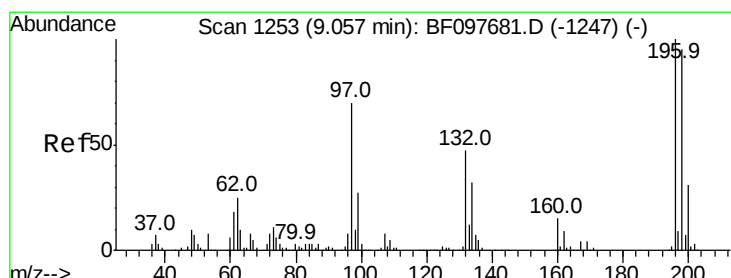
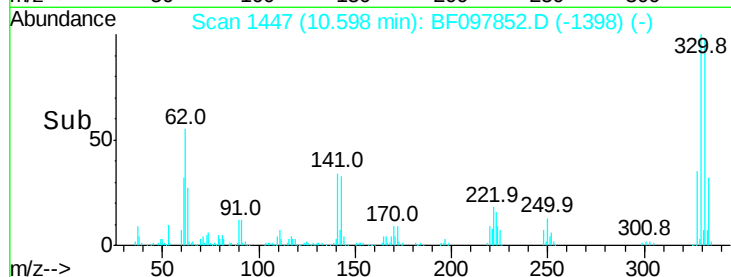
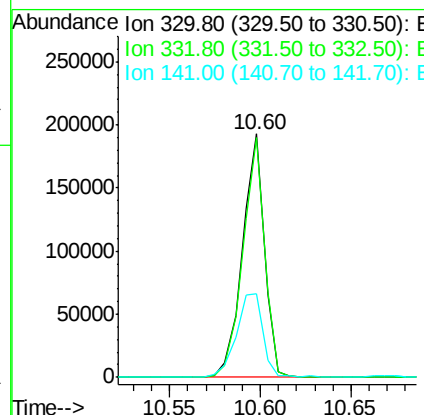
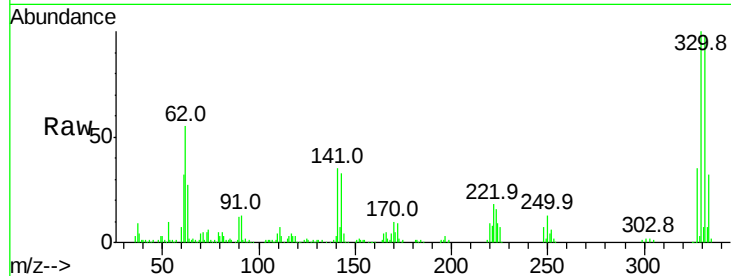
#41
 2,4,6-Tribromophenol
 Concen: 93.878 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162946		
332	97.3	76.6	115.0	
141	42.0	31.4	47.2	

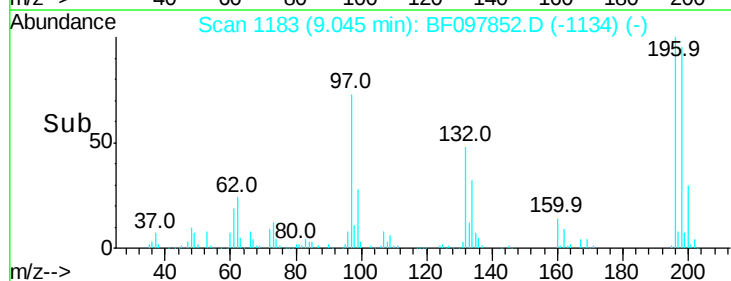
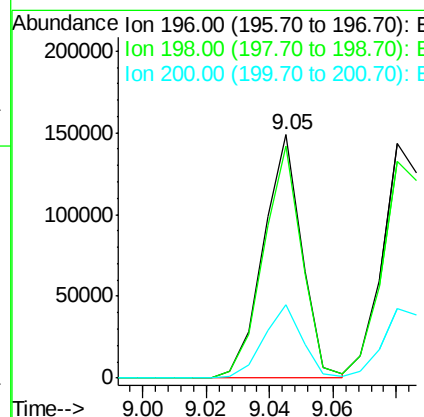
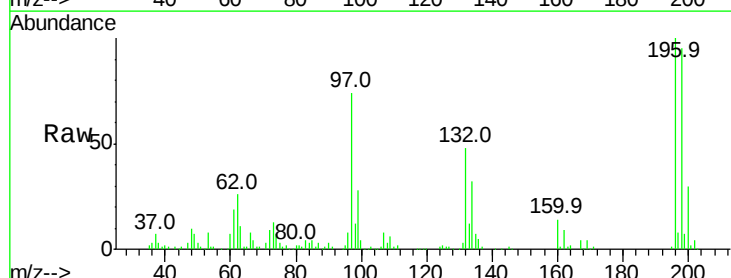
Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:28 AM



#42
 2,4,6-Trichlorophenol
 Concen: 30.404 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125320		
198	95.4	74.2	111.4	
200	30.1	24.0	36.0	





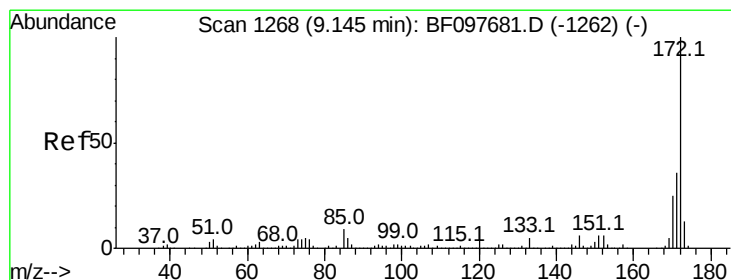
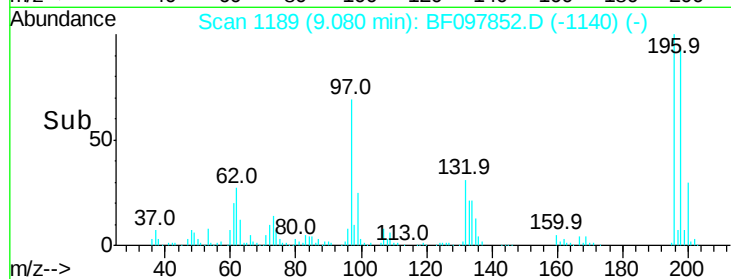
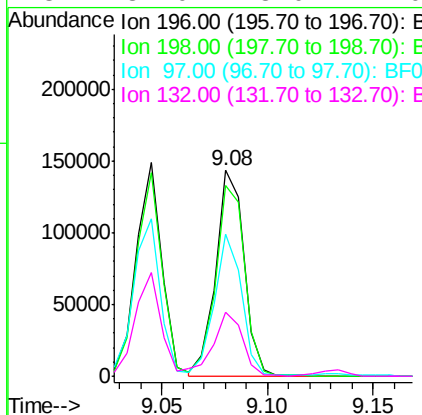
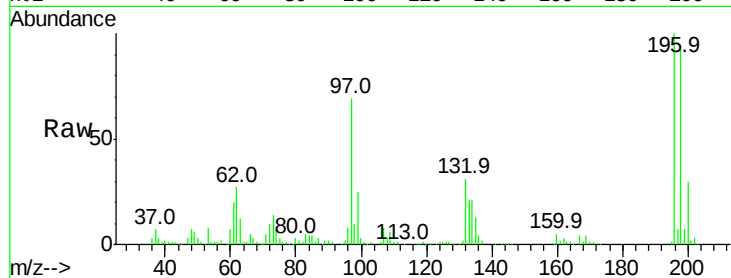
#43
 2,4,5-Trichlorophenol
 Concen: 32.819 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	196	Resp	134203
Ion Ratio	Lower	Upper	
196	100		
198	92.5	75.7	113.5
97	69.3	47.7	71.5
132	31.0	28.0	42.0

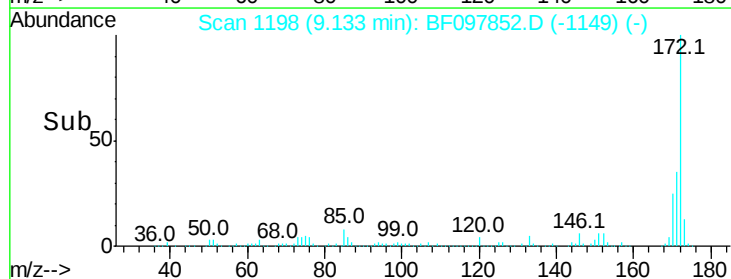
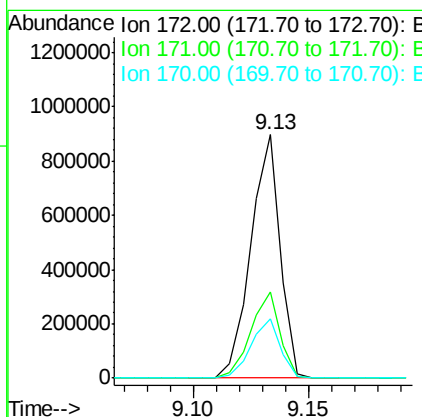
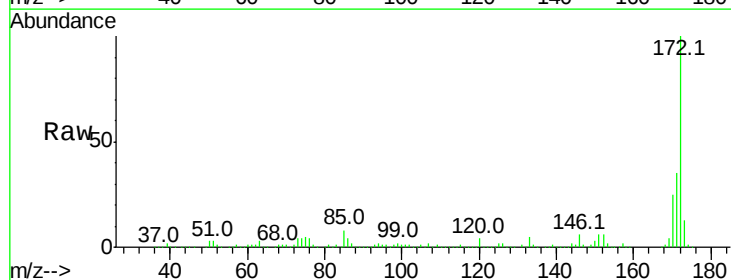
Manual Integrations
 APPROVED

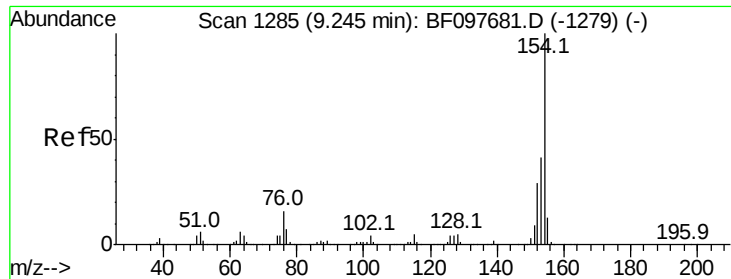
mohammad
 8/21/2017 8:19:28 AM



#44
 2-Fluorobiphenyl
 Concen: 58.519 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	172	Resp	796794
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.6	44.4
170	24.5	19.8	29.8





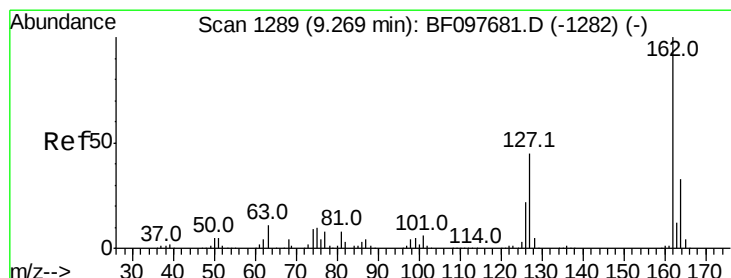
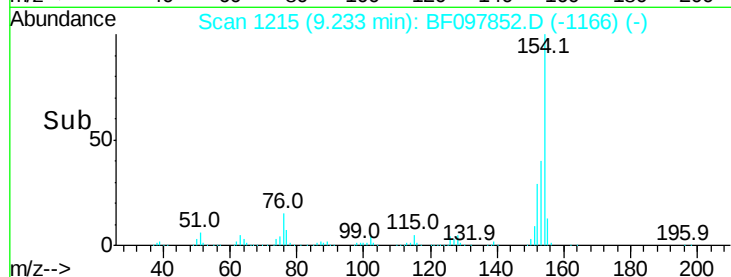
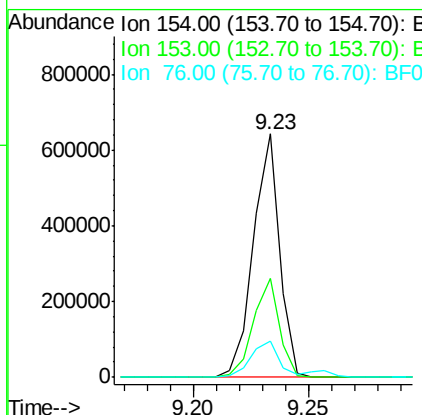
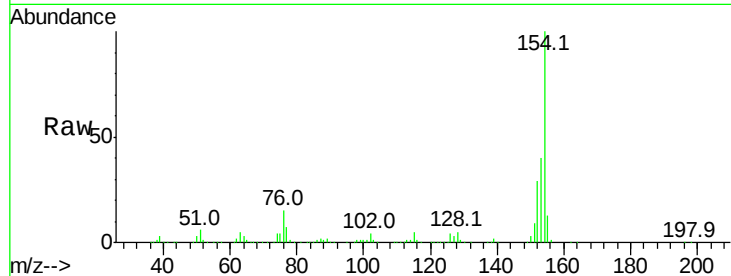
#45
1,1'-Biphenyl
Concen: 28.067 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.2	61.2	
76	14.9	0.0	29.9	

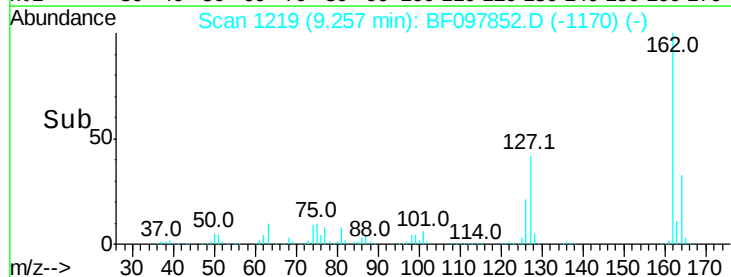
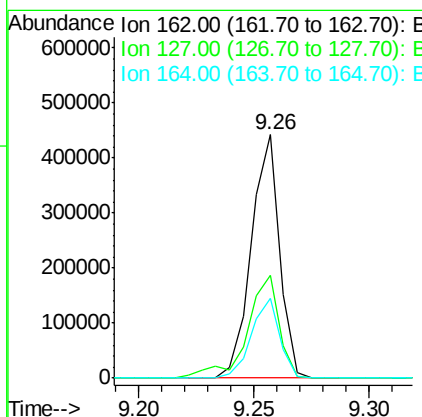
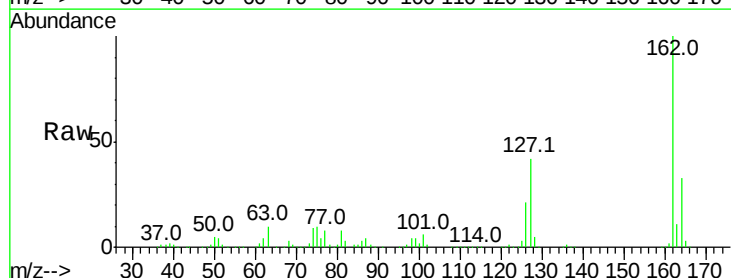
Manual Integrations
APPROVED

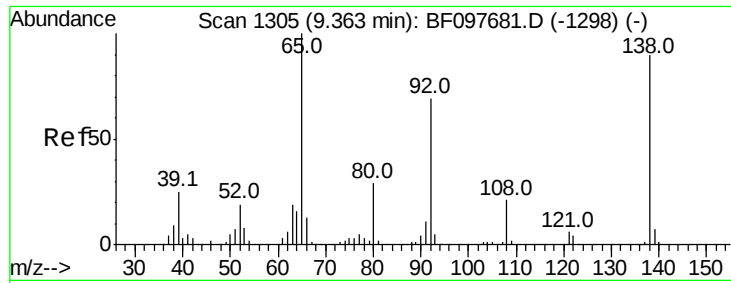
mohammad
8/21/2017 8:19:28 AM



#46
2-Chloronaphthalene
Concen: 28.072 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.0	28.3	42.5	
164	32.6	27.0	40.4	





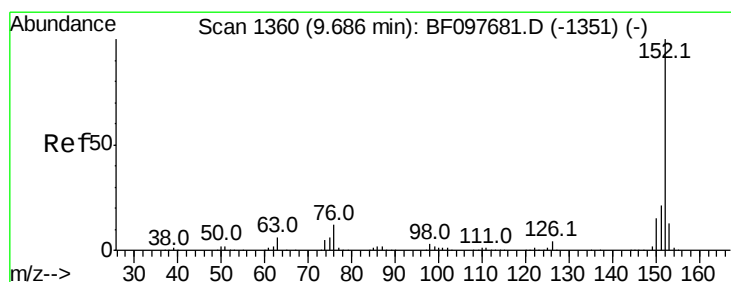
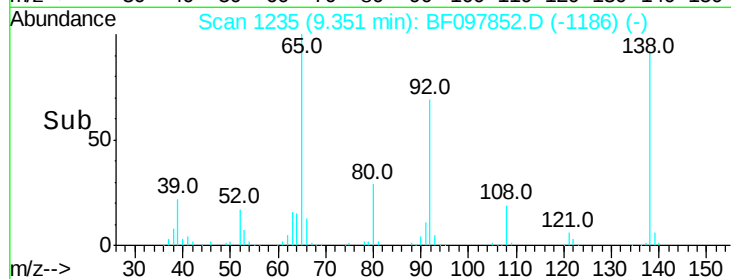
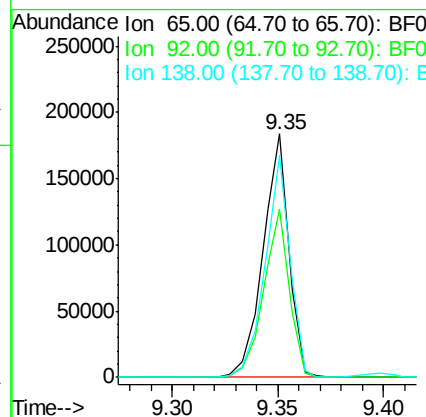
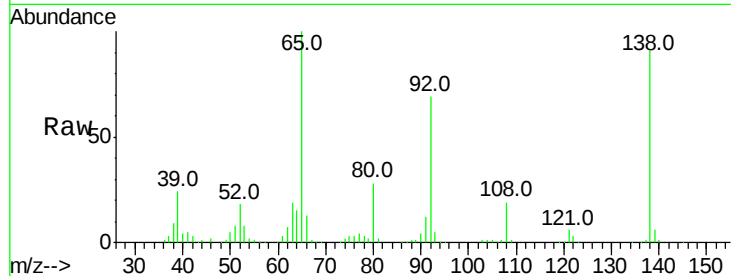
#47
2-Nitroaniline
Concen: 34.665 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.9	80.9
138	91.2	78.8	118.2

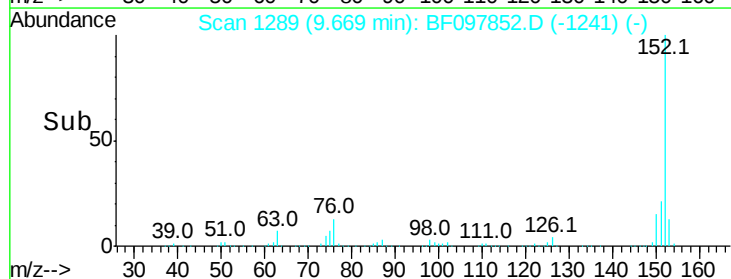
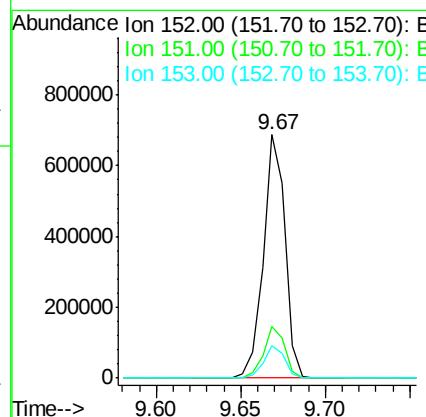
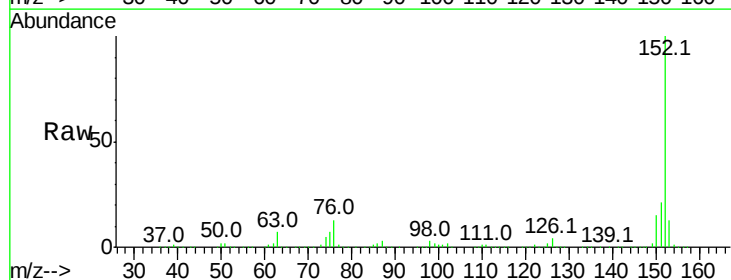
Manual Integrations
APPROVED

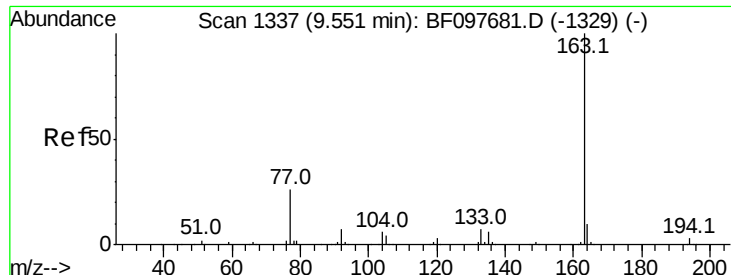
mohammad
8/21/2017 8:19:28 AM



#48
Acenaphthylene
Concen: 28.940 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.2	10.8	16.2





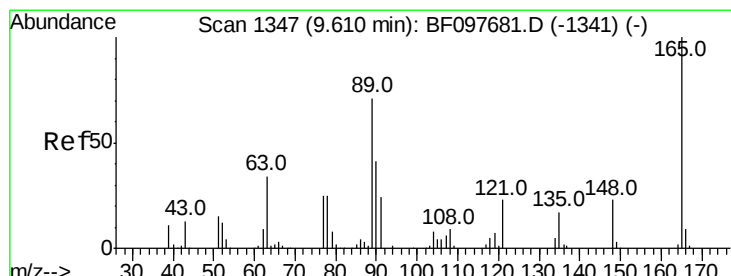
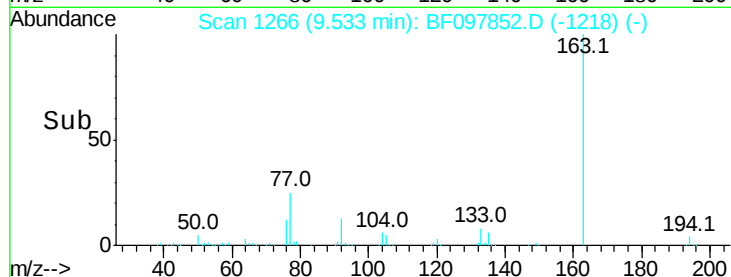
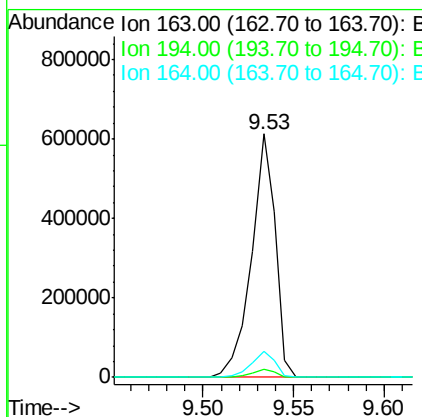
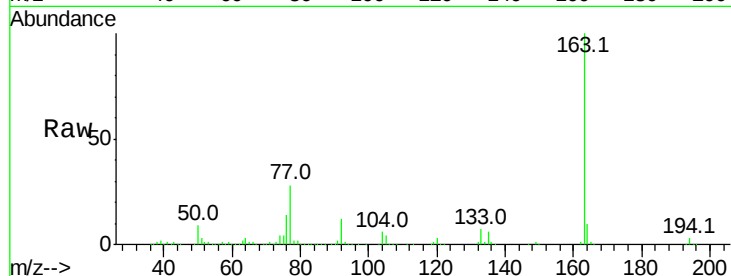
#49
 Dimethylphthalate
 Concen: 38.218 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.5	8.4	12.6	

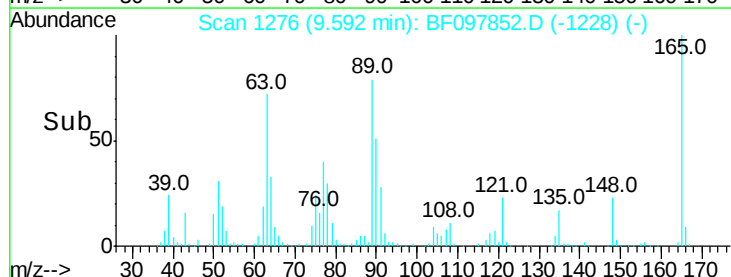
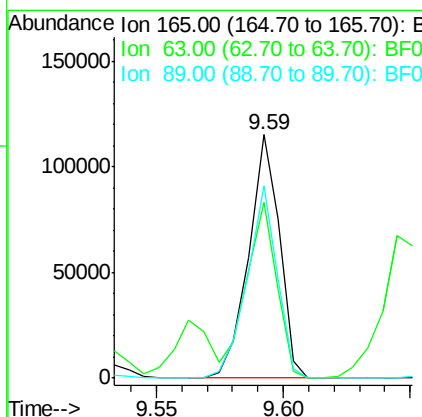
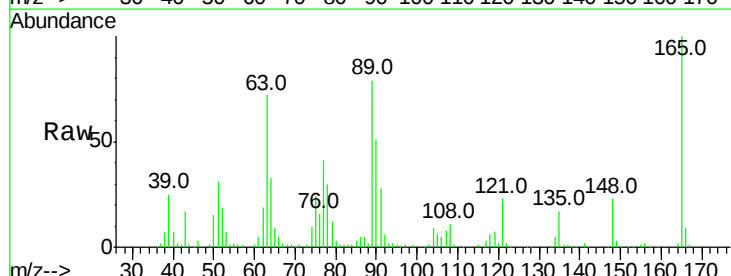
Manual Integrations
 APPROVED

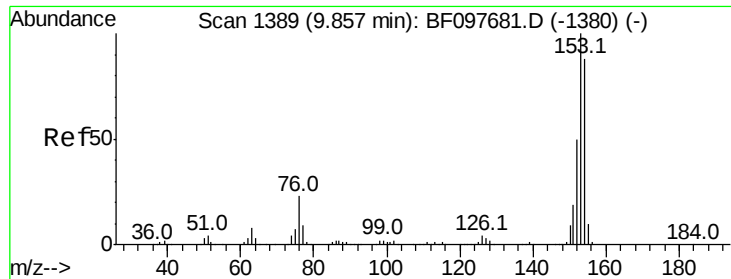
mohammad
 8/21/2017 8:19:28 AM



#50
 2,6-Dinitrotoluene
 Concen: 33.612 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.4	34.3	51.5#	
89	79.1	37.1	55.7#	





#51

Acenaphthene

Concen: 30.871 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

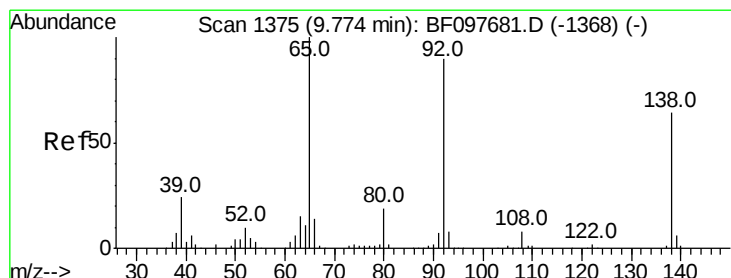
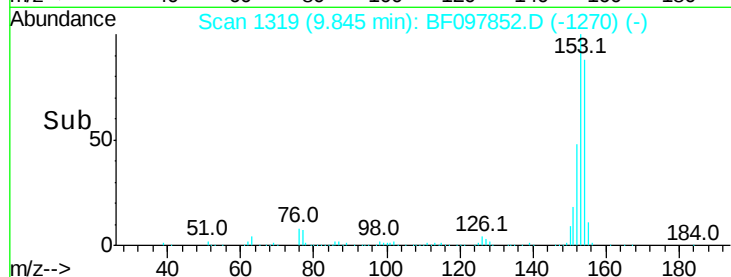
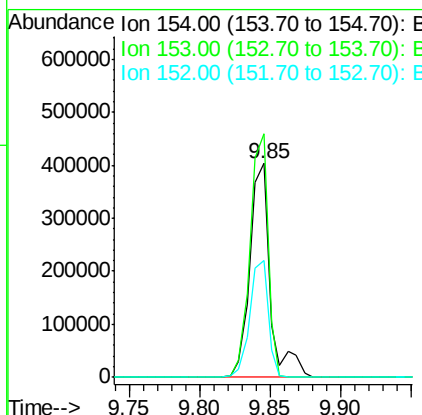
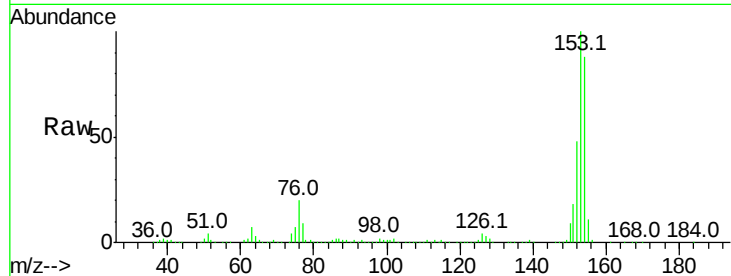
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	154	Resp:	412112
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	55.0	43.6	65.4

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#52

3-Nitroaniline

Concen: 23.587 ng

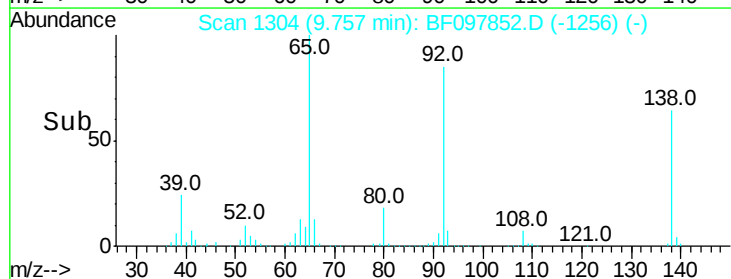
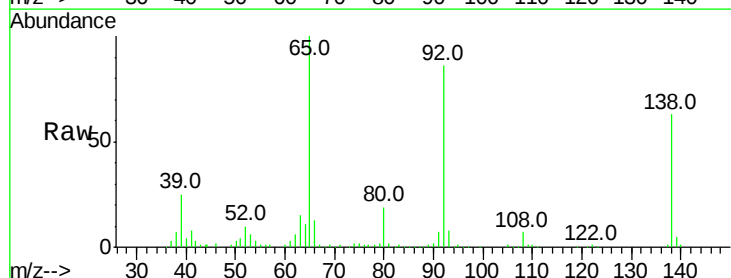
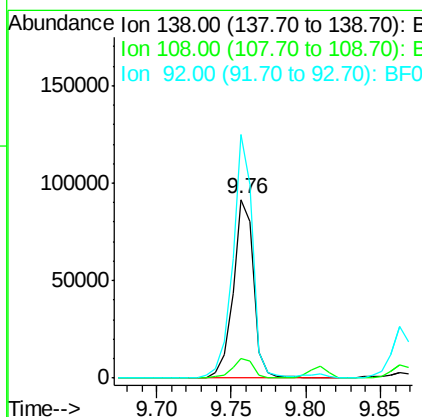
RT: 9.76 min Scan# 1304

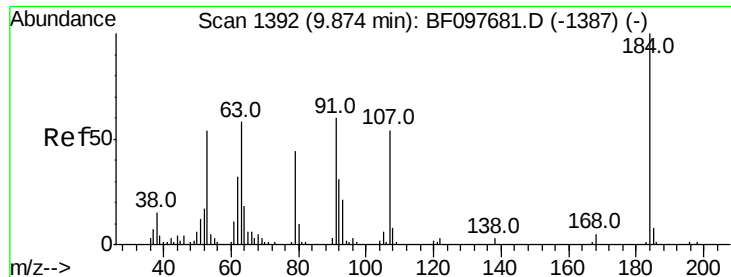
Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	138	Resp:	88827
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.1	13.7
92	136.4	93.8	140.6





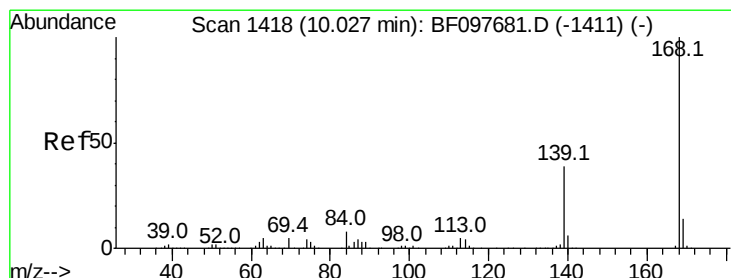
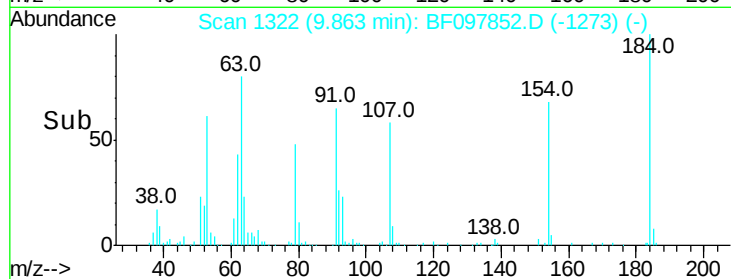
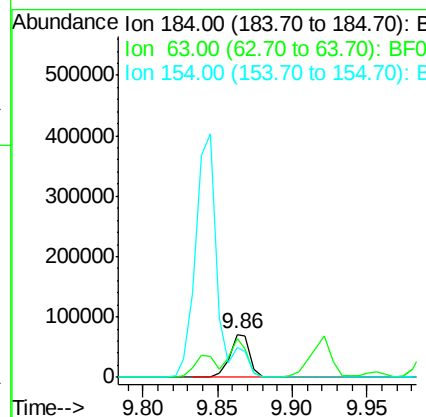
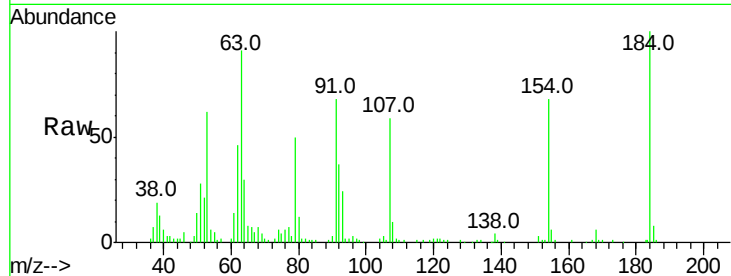
#53
 2,4-Dinitrophenol
 Concen: 52.941 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	68051		
63	90.7	62.7	94.1	
154	68.4	81.1	121.7	

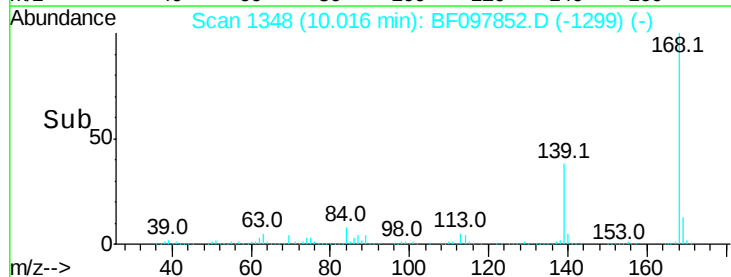
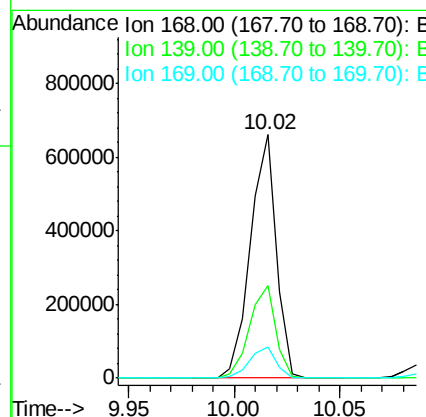
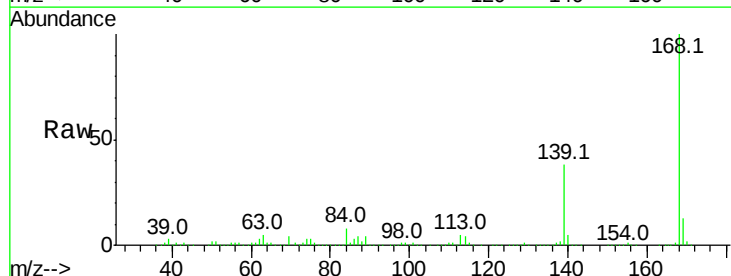
Manual Integrations
 APPROVED

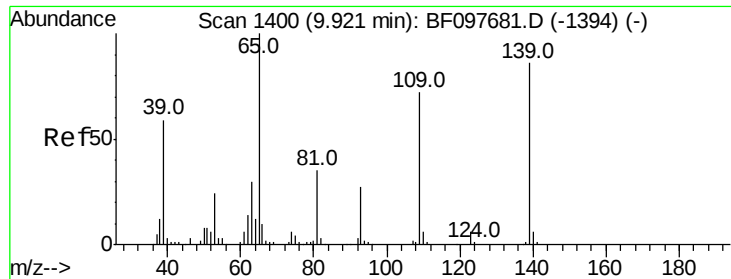
mohammad
 8/21/2017 8:19:28 AM



#54
 Dibenzofuran
 Concen: 31.416 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	562080		
139	38.2	30.6	45.8	
169	13.0	10.8	16.2	





#55

4-Nitrophenol

Concen: 62.599 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

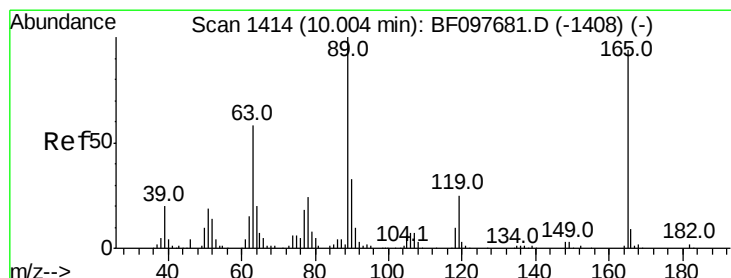
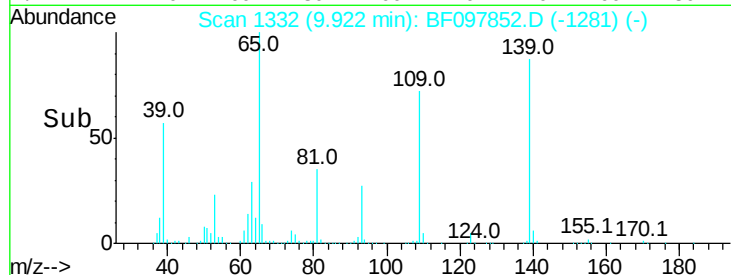
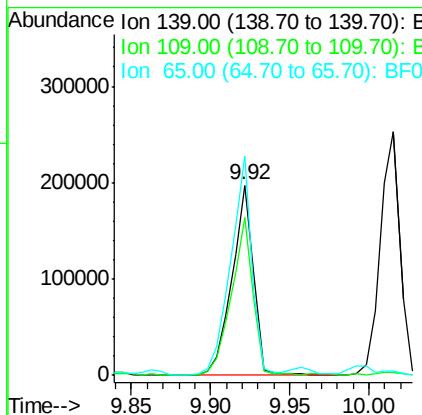
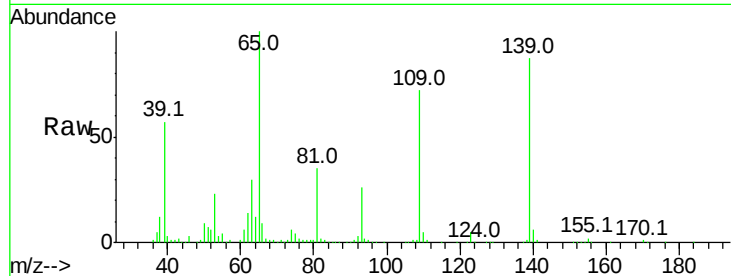
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	139	Resp	188052
Ion Ratio	Lower	Upper	
139	100		
109	83.2	34.1	74.1#
65	115.5	31.4	71.4#

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#56

2,4-Dinitrotoluene

Concen: 36.222 ng

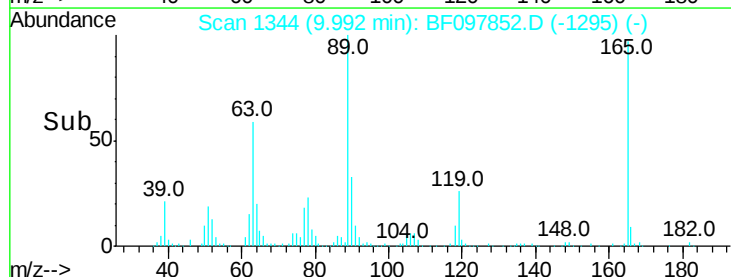
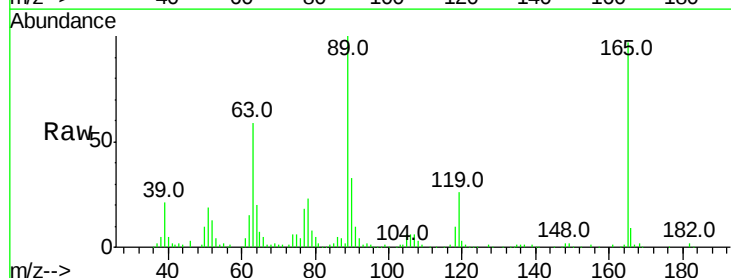
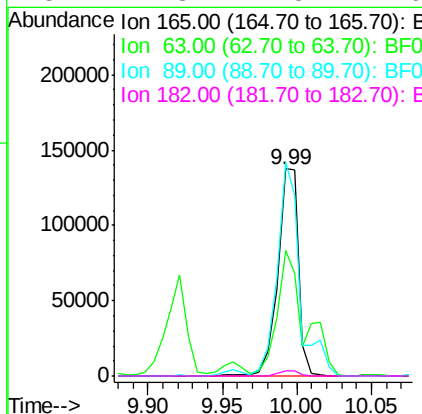
RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion	165	Resp	132682
Ion Ratio	Lower	Upper	
165	100		
63	60.5	25.4	38.0#
89	103.2	46.4	69.6#
182	2.3	1.8	2.6





#57

Fluorene

Concen: 30.258 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

ClientSampleId :

E2-L10-ESWMSD

Tot Ion:166 Resp: 418548

Ion Ratio Lower Upper

166 100

165 93.1 78.8 118.2

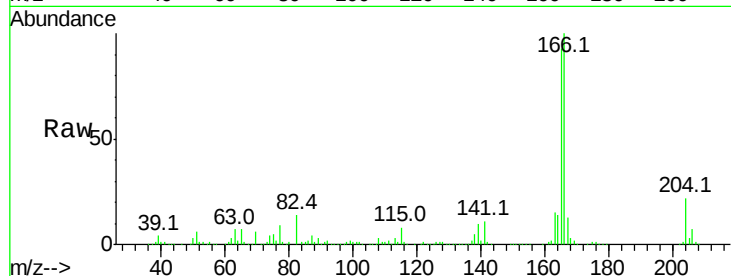
167 13.3 10.6 16.0

Manual Integrations

APPROVED

mohammad

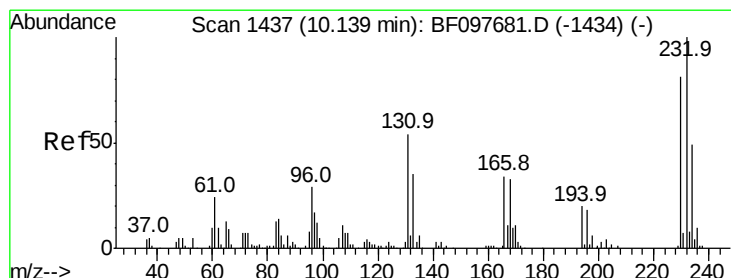
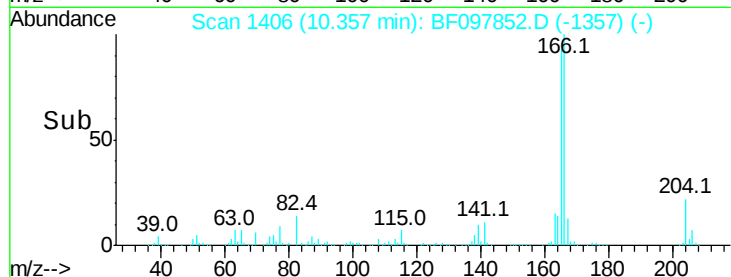
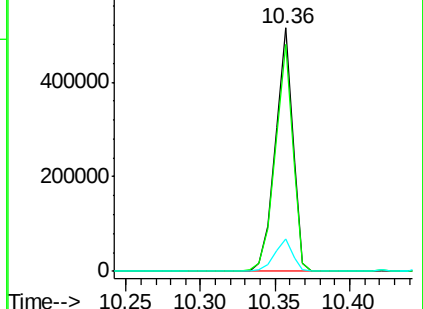
8/21/2017 8:19:28 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.102 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:232 Resp: 114295

Ion Ratio Lower Upper

232 100

131 51.3 44.8 67.2

130 2.9 2.3 3.5

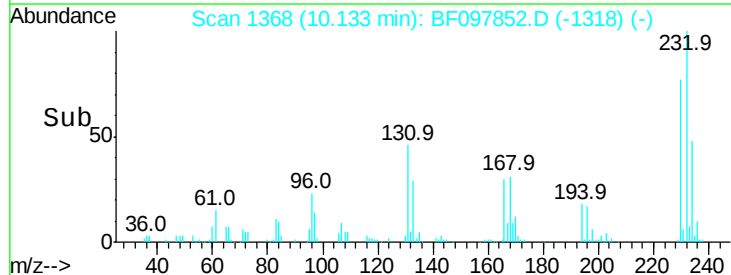
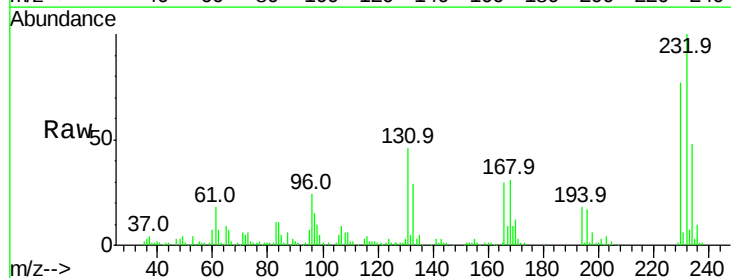
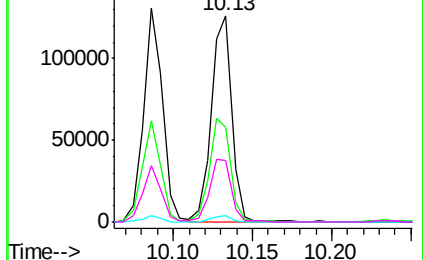
166 31.9 29.0 43.4

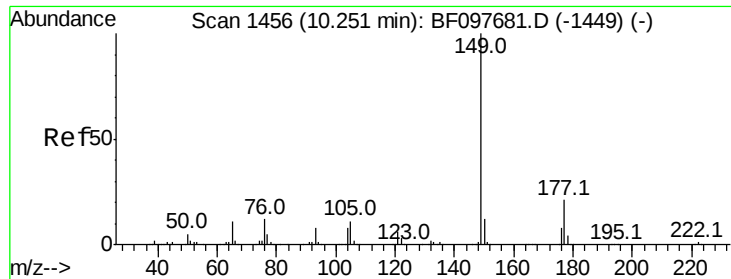
Abundance Ion 232.00 (231.70 to 232.70): E

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





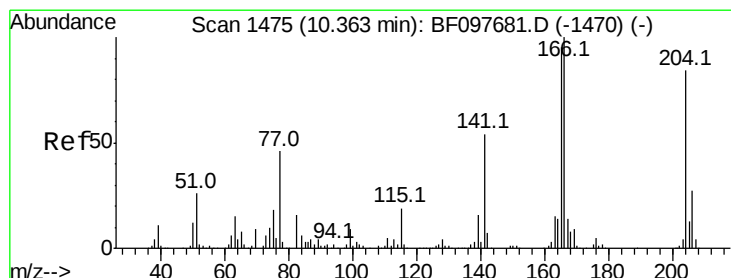
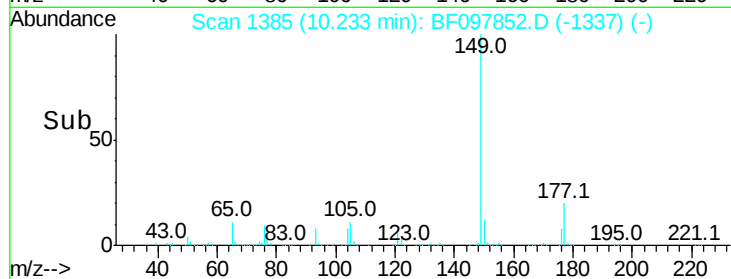
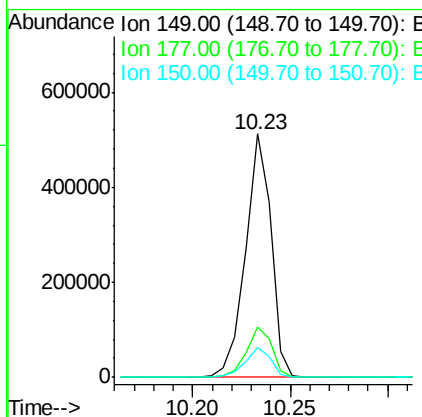
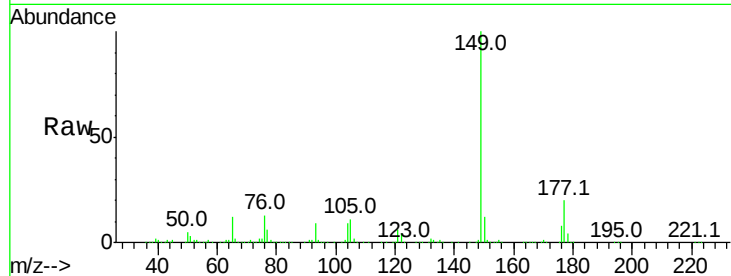
#59
Diethylphthalate
Concen: 30.405 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.7	25.1
150	12.4	10.2	15.2

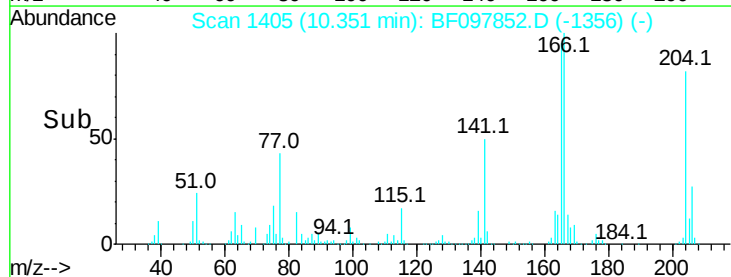
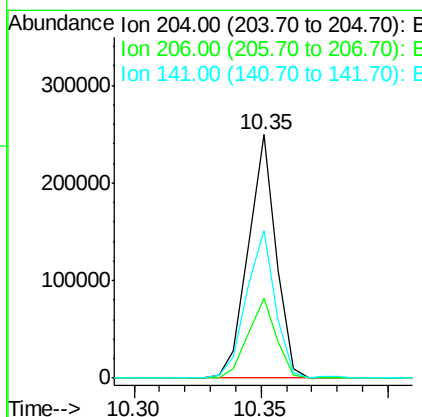
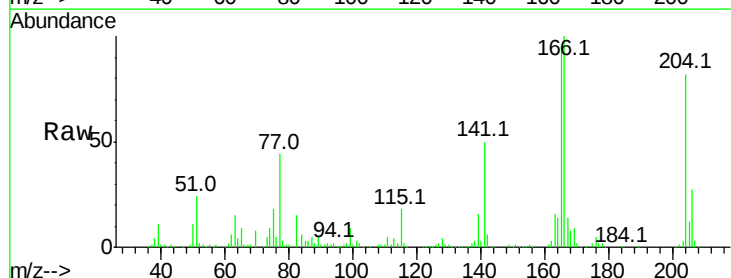
Manual Integrations
APPROVED

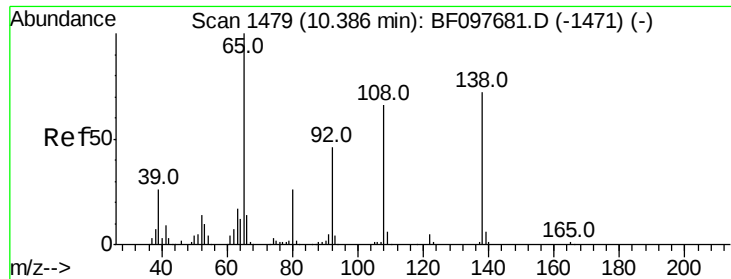
mohammad
8/21/2017 8:19:28 AM



#60
4-Chlorophenyl-phenylether
Concen: 29.622 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	60.4	60.8	91.2#





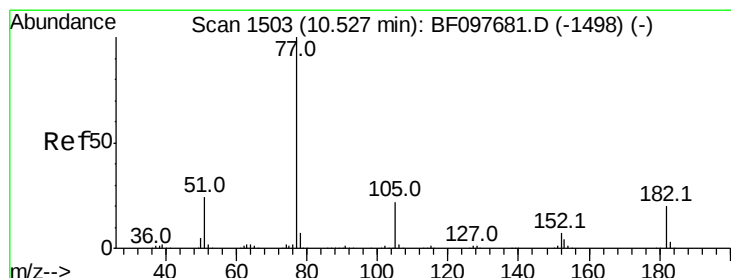
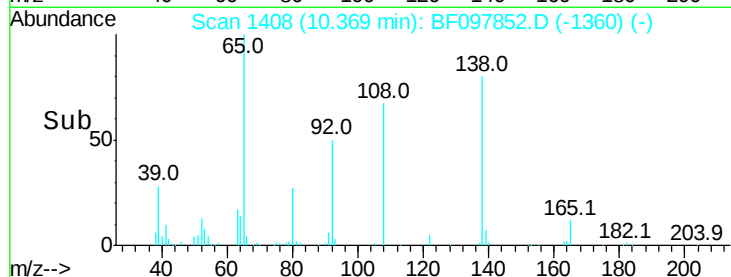
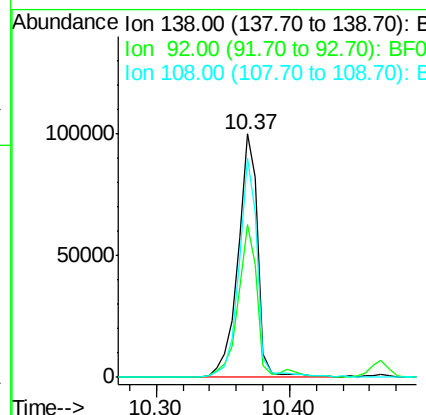
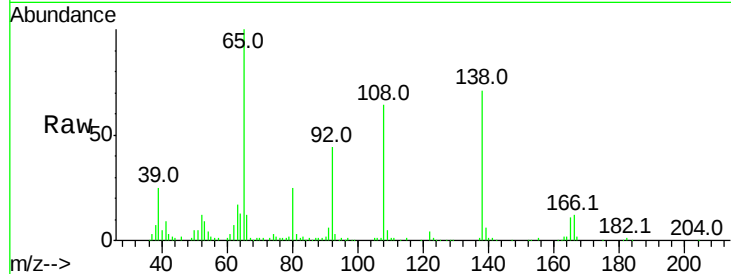
#61
4-Nitroaniline
Concen: 29.223 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	62.6	21.8	61.8#	
108	90.0	42.3	82.3#	

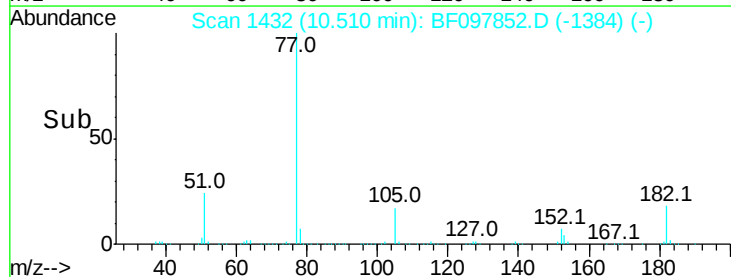
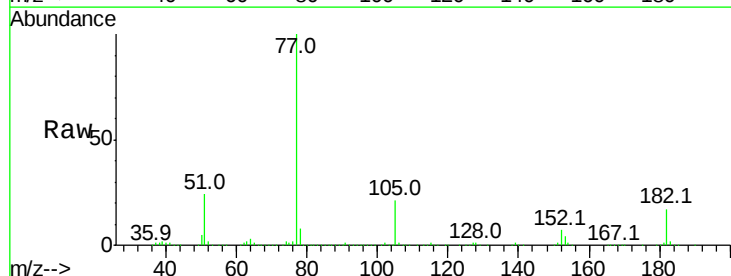
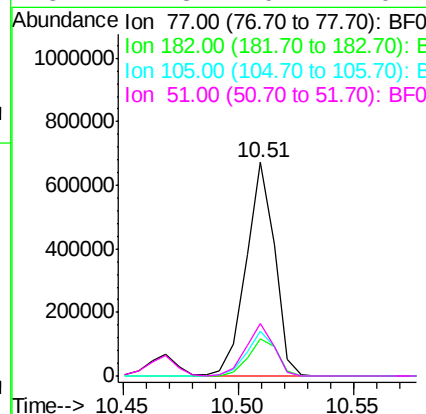
Manual Integrations
APPROVED

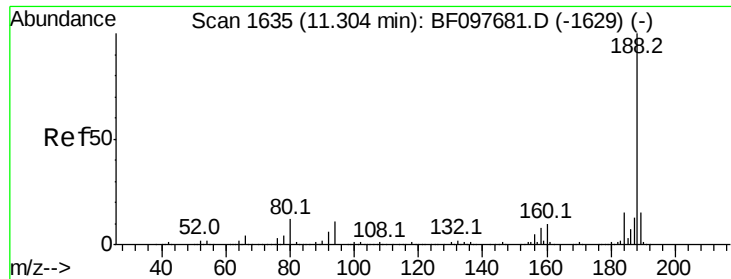
mohammad
8/21/2017 8:19:28 AM



#62
Azobenzene
Concen: 31.944 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	17.2	0.1	40.1	
105	20.9	3.6	43.6	
51	24.3	9.4	49.4	





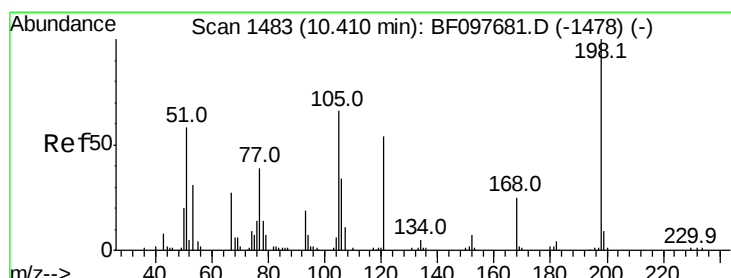
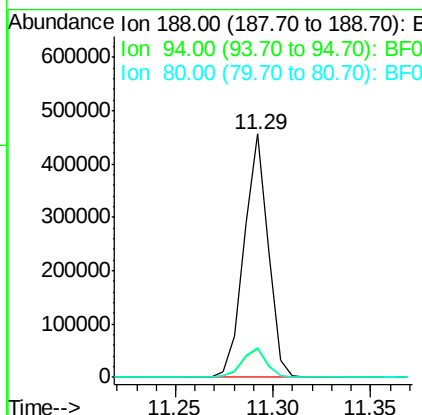
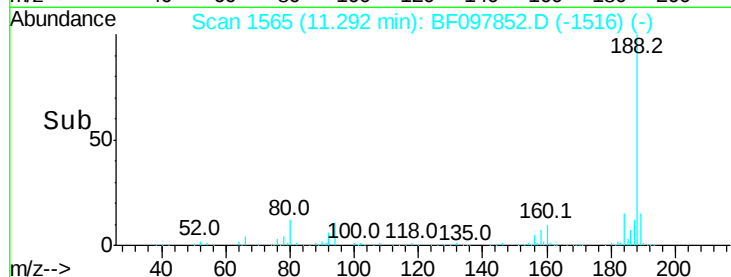
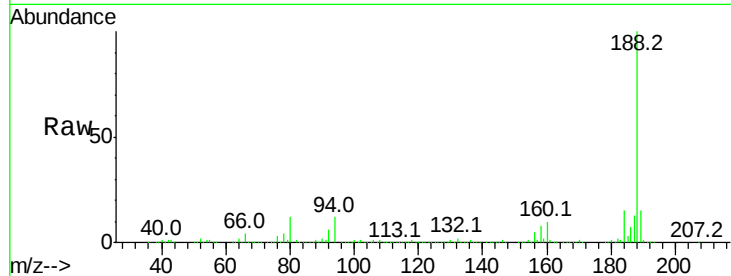
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.5	9.4	14.2
80	12.1	10.2	15.2

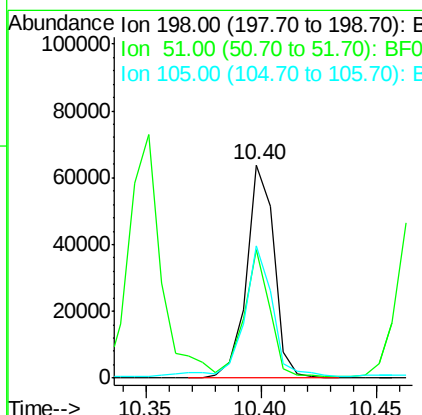
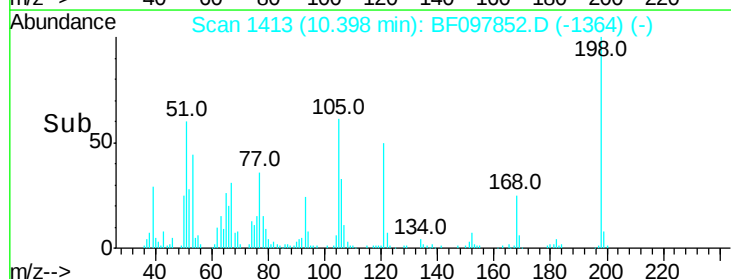
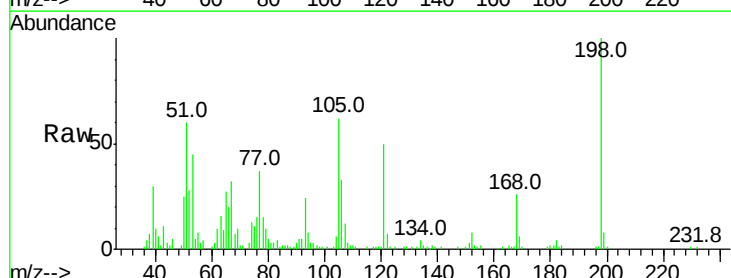
Manual Integrations
APPROVED

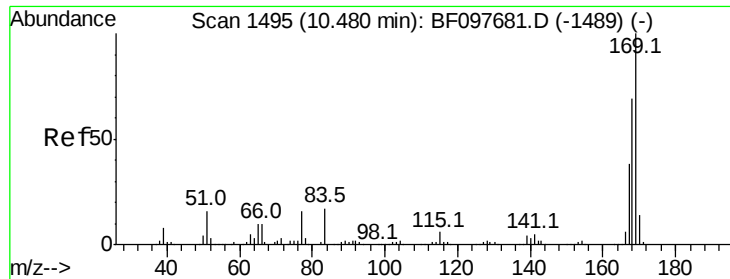
mohammad
8/21/2017 8:19:28 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 32.316 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.9	53.2	93.2
105	62.3	45.8	85.8





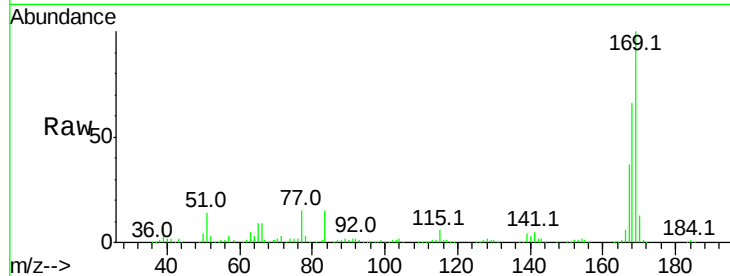
#65
n-Nitrosodiphenylamine
Concen: 28.907 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

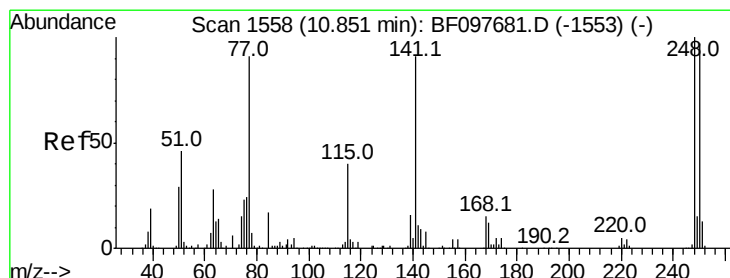
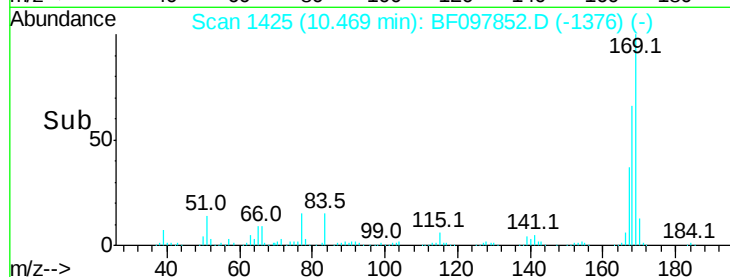
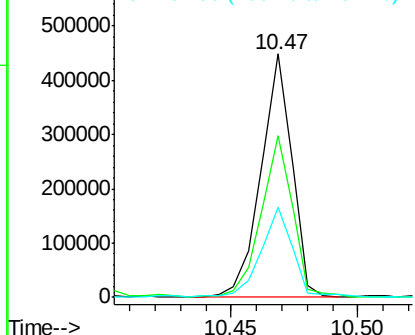
Tot Ion	Ratio	Resp	Lower	Upper
169	100	382762		
168	66.4	53.2	79.8	
167	37.1	29.5	44.3	

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM

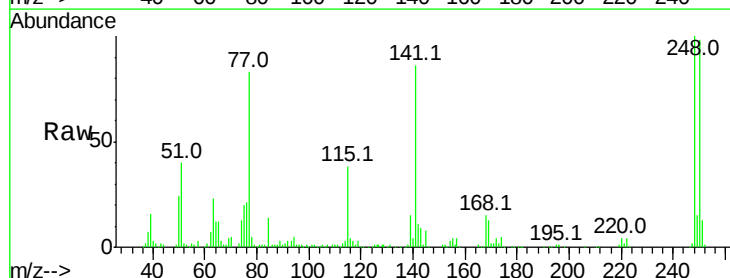


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

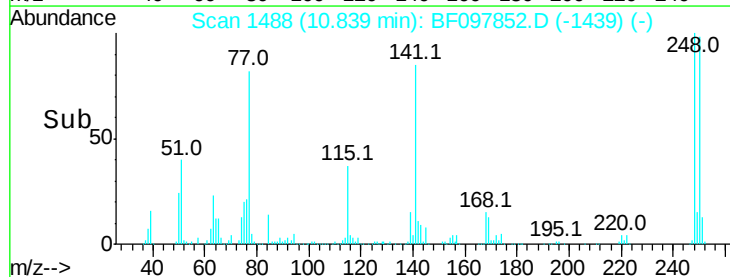
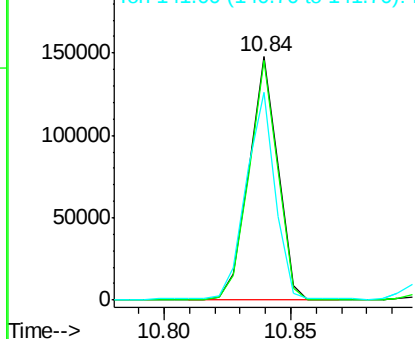


#66
4-Bromophenyl-phenylether
Concen: 29.199 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	117901		
250	98.4	76.8	115.2	
141	85.6	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: 27.669 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

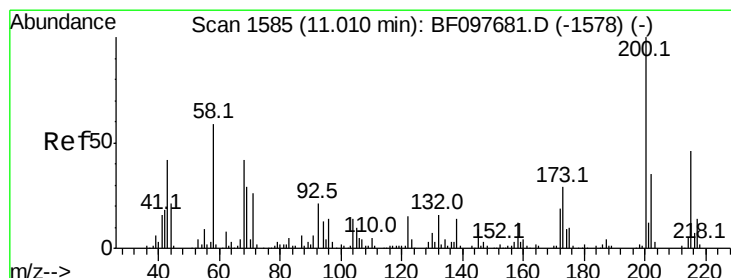
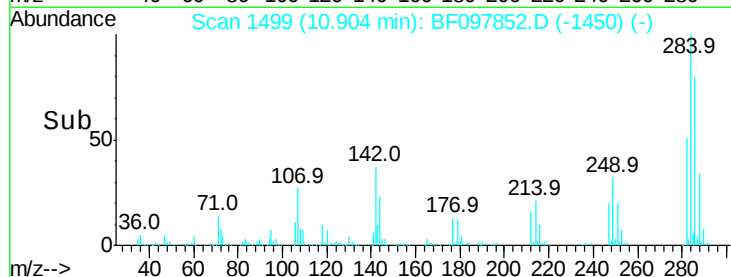
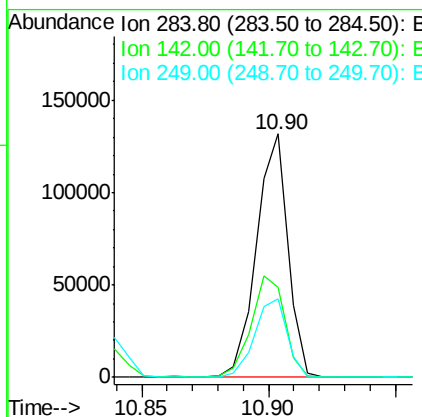
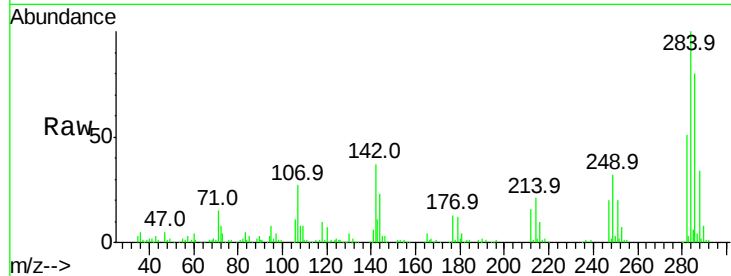
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	284	Resp:	113877
Ion Ratio	Lower	Upper	
284	100		
142	36.8	22.8	34.2#
249	32.0	24.0	36.0

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#68

Atrazine

Concen: 32.872 ng

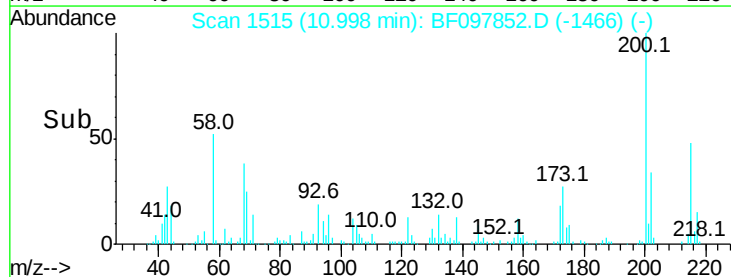
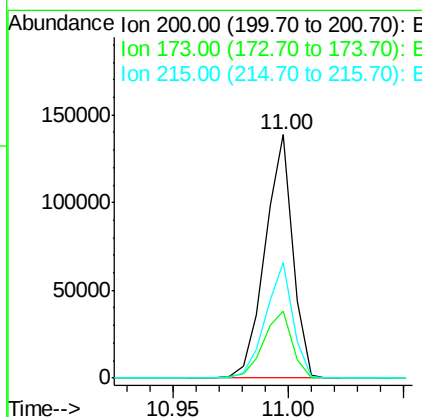
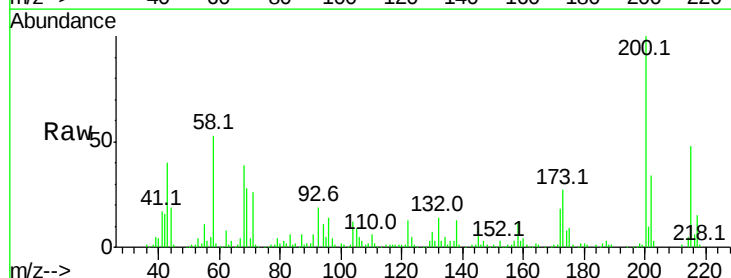
RT: 11.00 min Scan# 1515

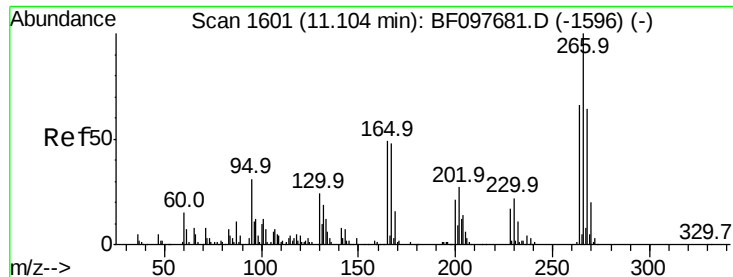
Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	200	Resp:	115432
Ion Ratio	Lower	Upper	
200	100		
173	27.5	6.3	46.3
215	47.7	27.2	67.2





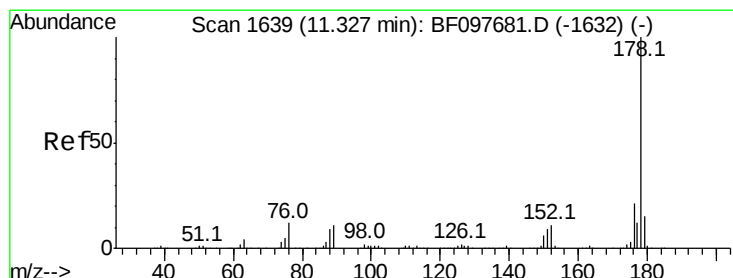
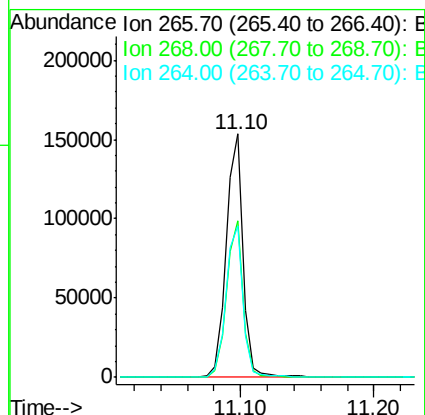
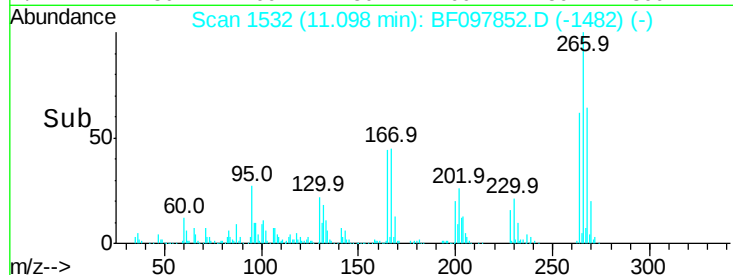
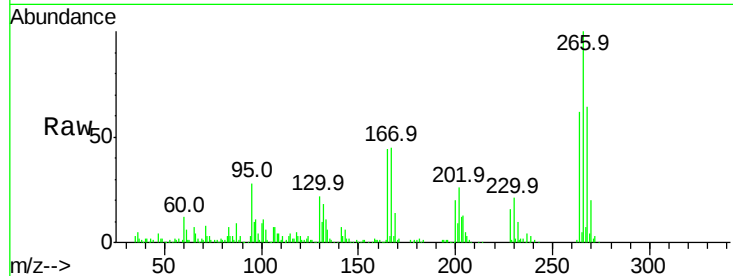
#69
 Pentachlorophenol
 Concen: 57.162 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	137171		
268	64.1	51.1	76.7	
264	62.3	51.7	77.5	

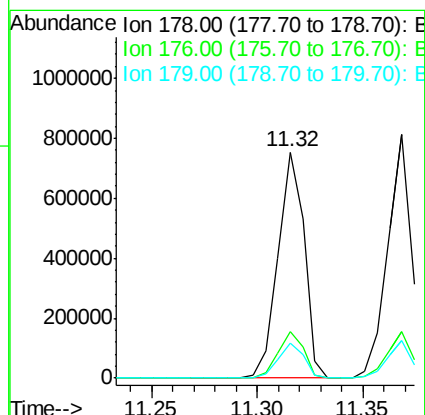
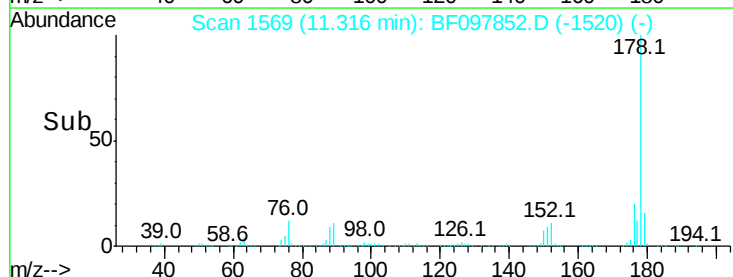
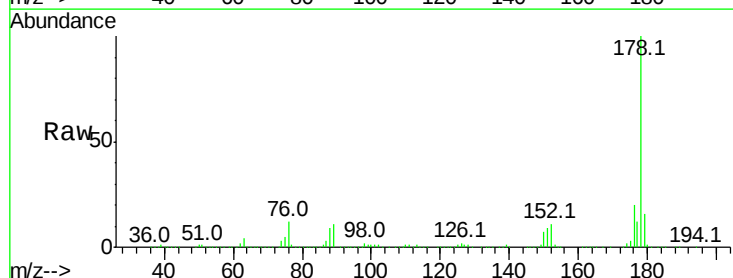
Manual Integrations
 APPROVED

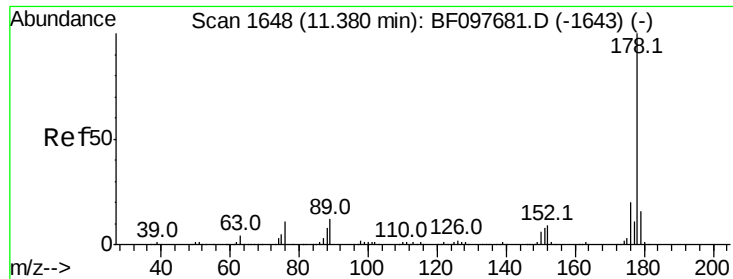
mohammad
 8/21/2017 8:19:28 AM



#70
 Phenanthrene
 Concen: 31.480 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	652280		
176	20.4	16.2	24.4	
179	15.6	12.6	19.0	





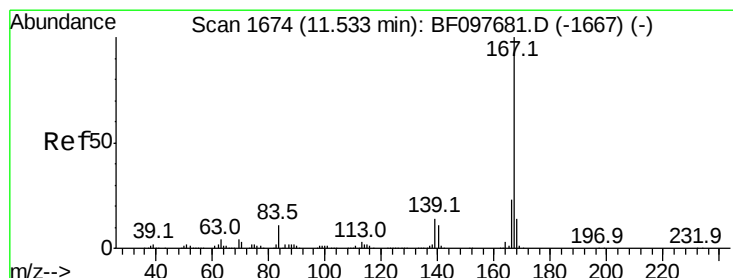
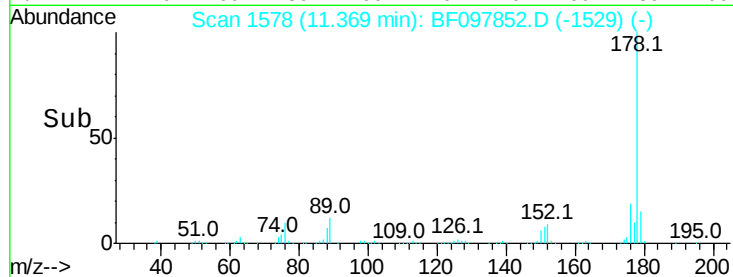
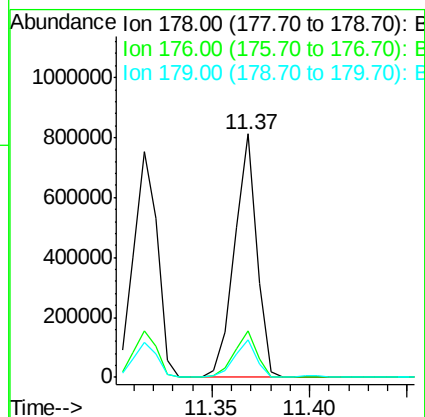
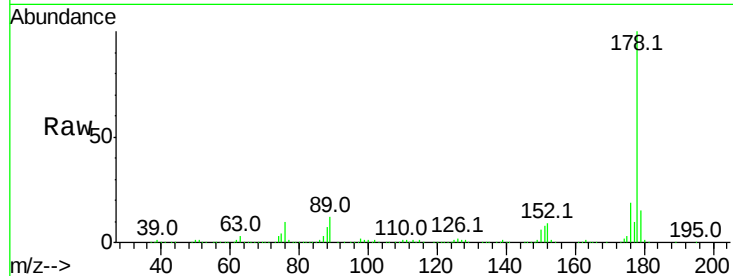
#71
 Anthracene
 Concen: 30.555 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	12.7	19.1

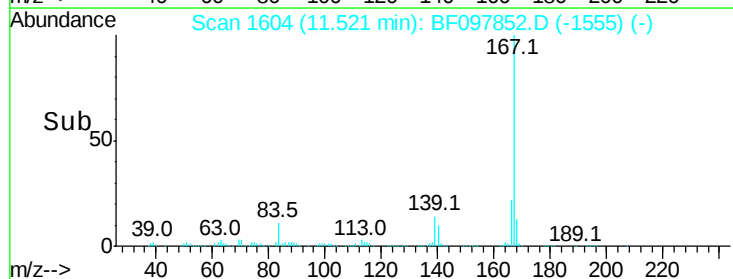
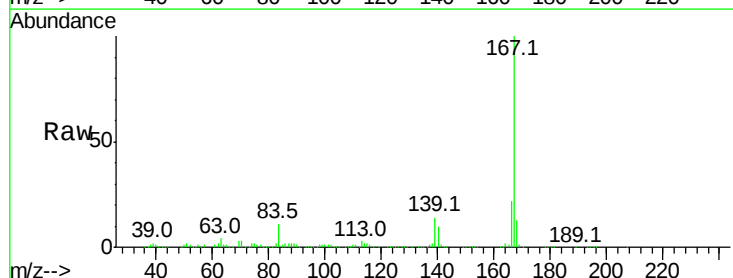
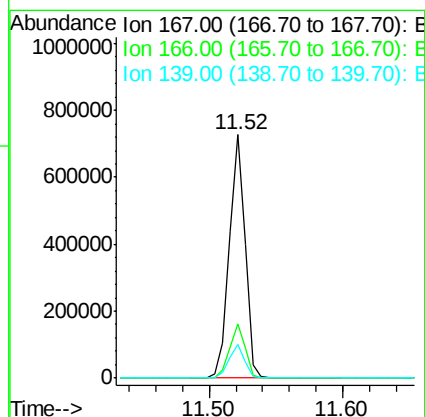
Manual Integrations
 APPROVED

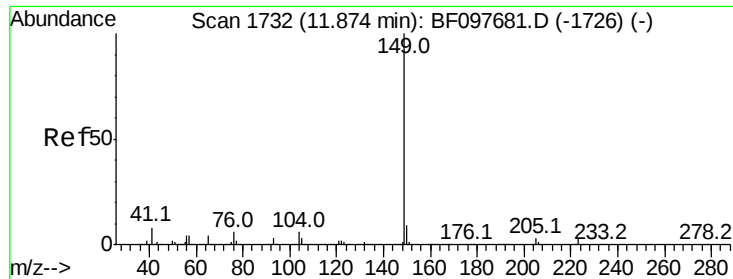
mohammad
 8/21/2017 8:19:28 AM



#72
 Carbazole
 Concen: 30.768 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.8	11.7	17.5





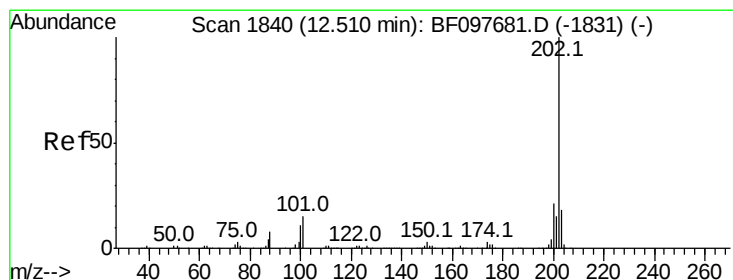
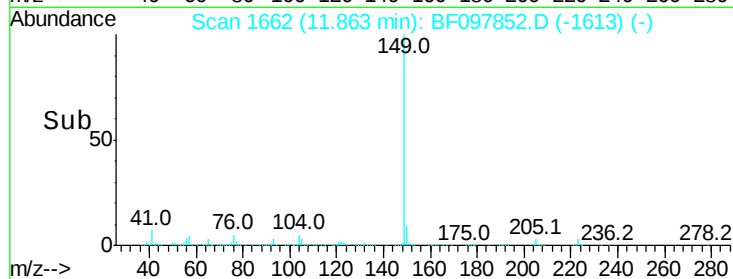
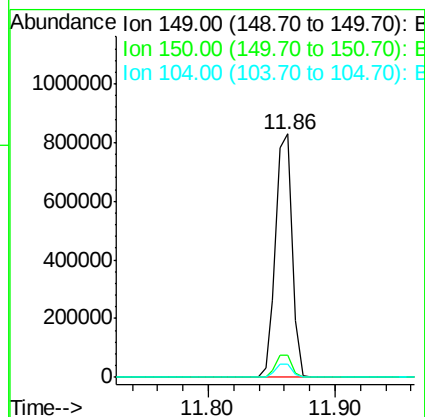
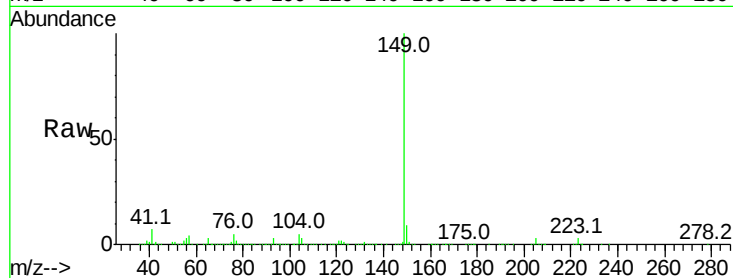
#73
Di-n-butylphthalate
Concen: 32.575 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.7	11.5	
104	5.2	4.0	6.0	

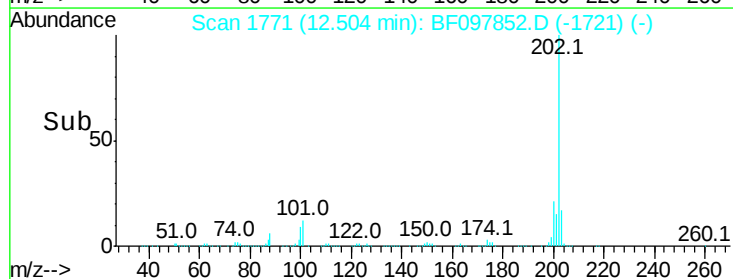
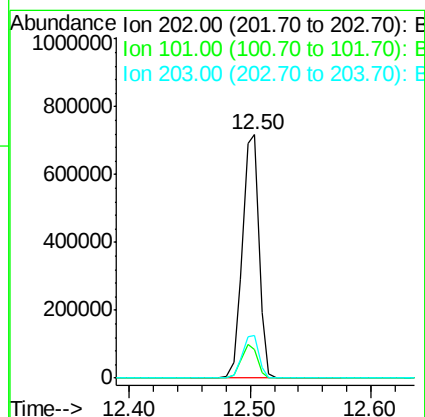
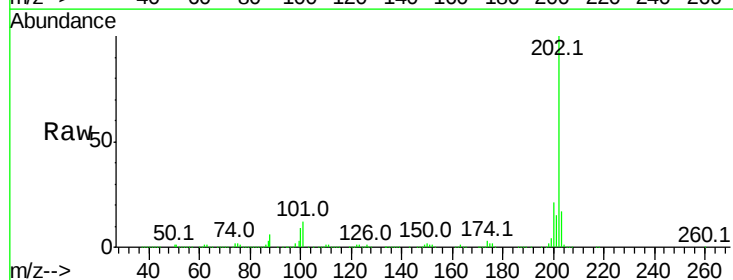
Manual Integrations
APPROVED

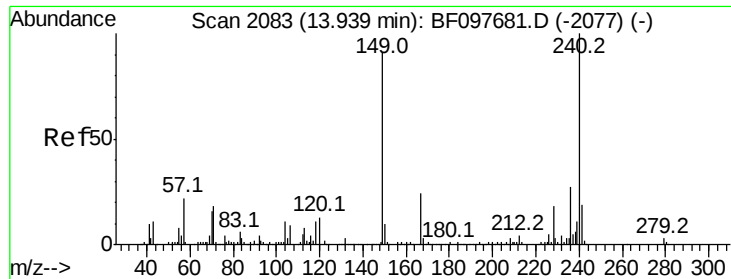
mohammad
8/21/2017 8:19:28 AM



#74
Fluoranthene
Concen: 32.100 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.8	0.0	33.2	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

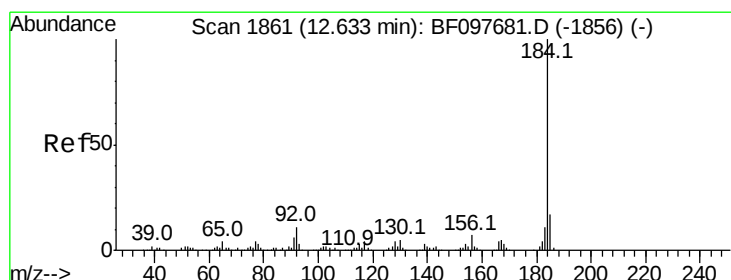
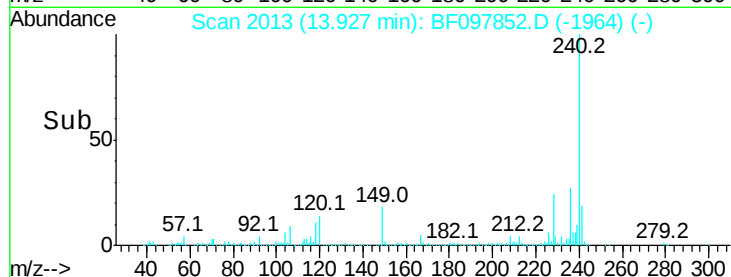
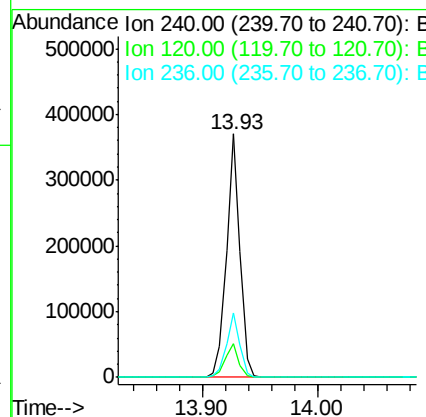
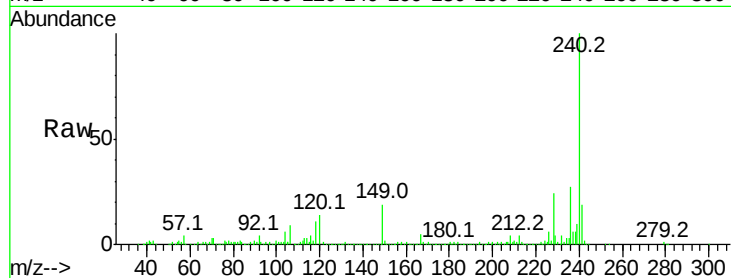
ClientSampleId :

E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.6	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#76

Benzidine

Concen: 6.127 ng m

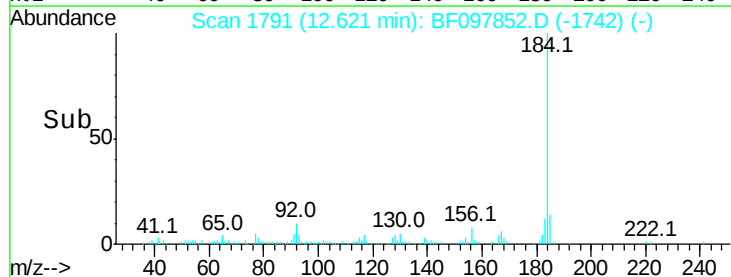
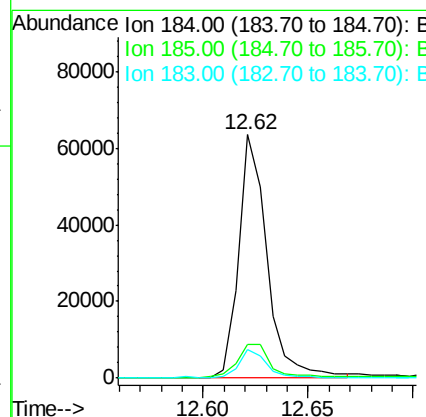
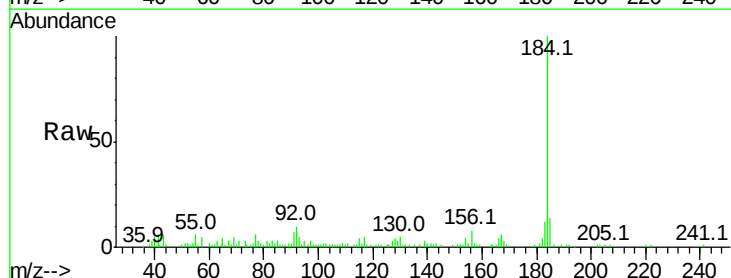
RT: 12.62 min Scan# 1791

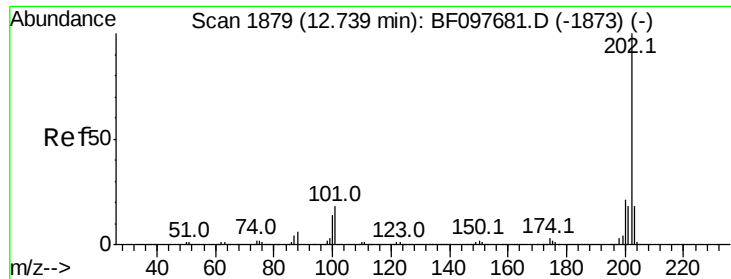
Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	11.8	9.8	14.6





#77

Pvrene

Concen: 28.830 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

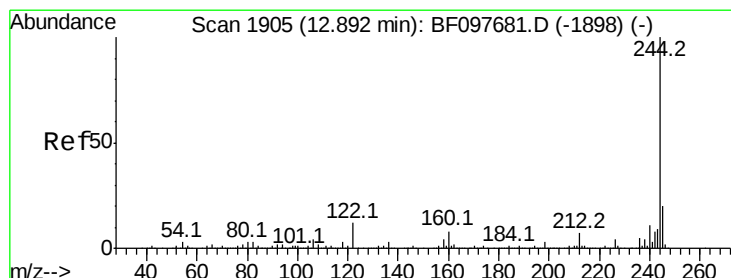
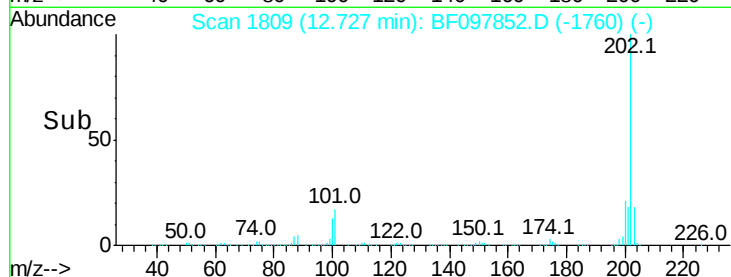
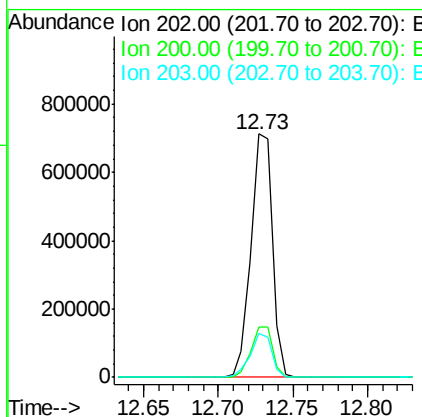
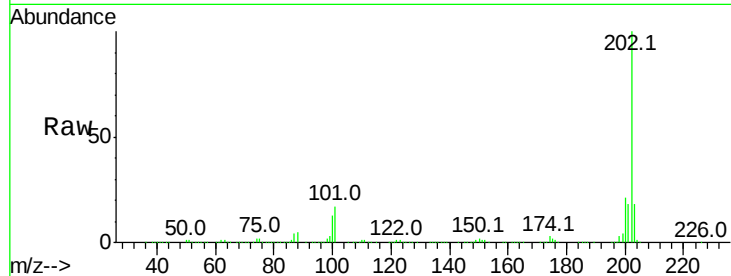
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	202	Resp:	705928
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.9	14.4	21.6

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#78

Terphenyl-d14

Concen: 49.955 ng

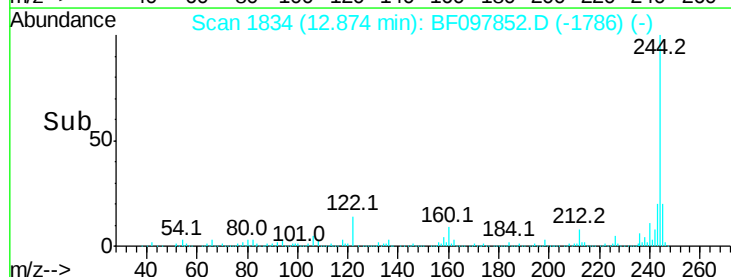
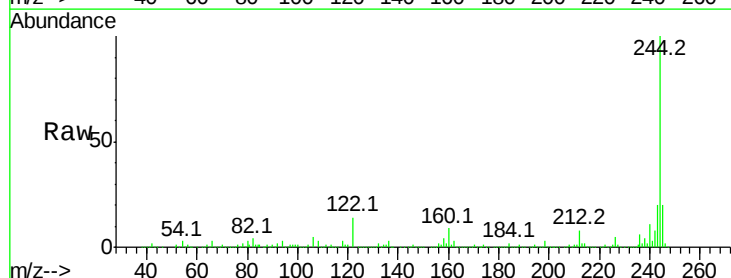
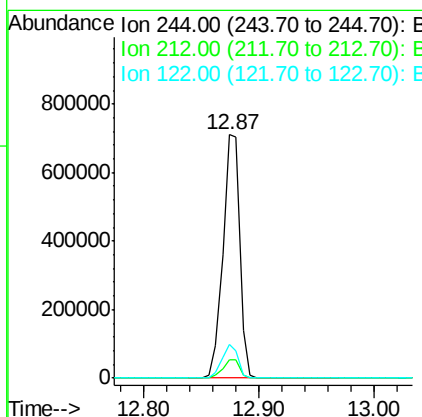
RT: 12.87 min Scan# 1834

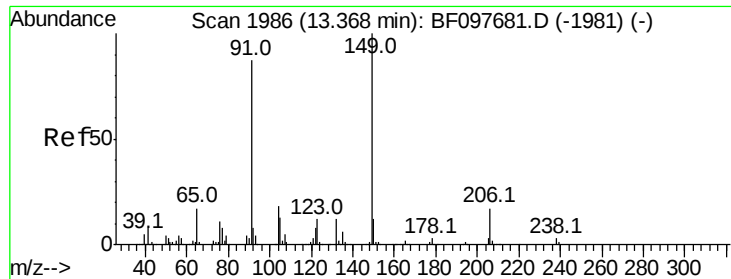
Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	244	Resp:	717176
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	14.0	10.3	15.5





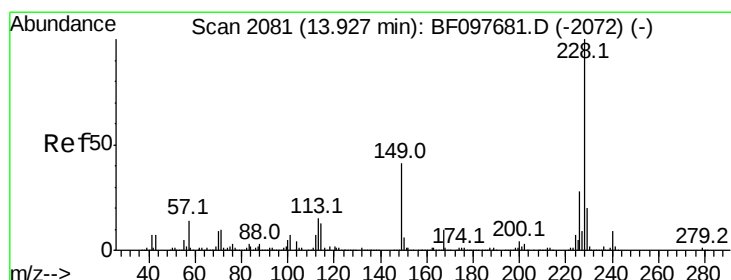
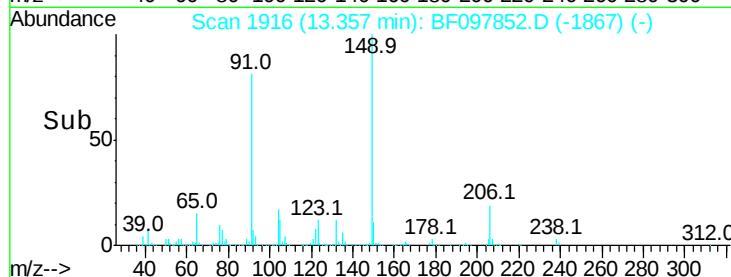
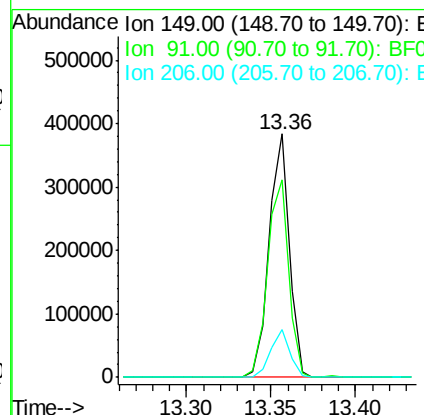
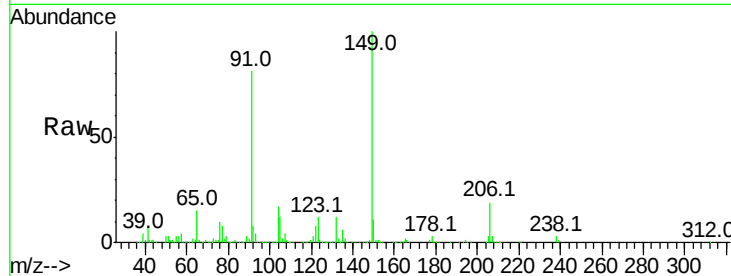
#79
Butylbenzylphthalate
Concen: 33.797 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.2	45.0	67.4#
206	19.5	17.0	25.6

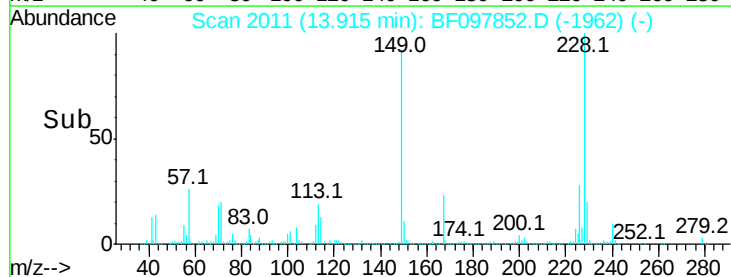
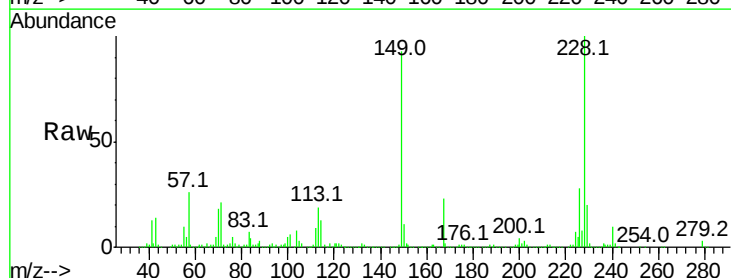
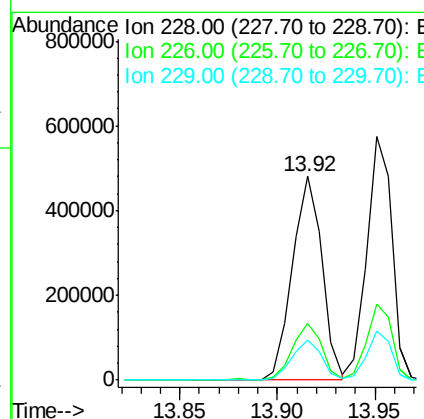
Manual Integrations
APPROVED

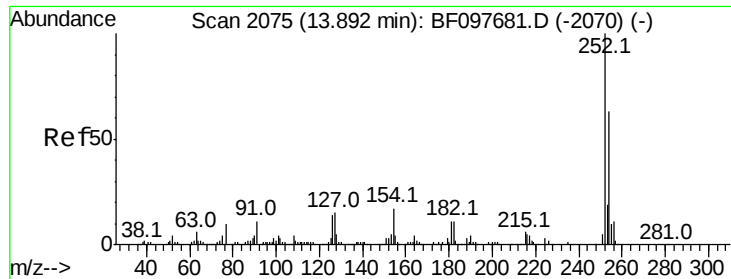
mohammad
8/21/2017 8:19:28 AM



#80
Benzo(a)anthracene
Concen: 28.106 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	16.3	24.5





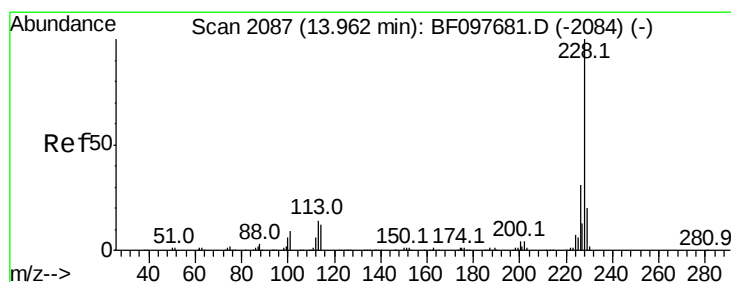
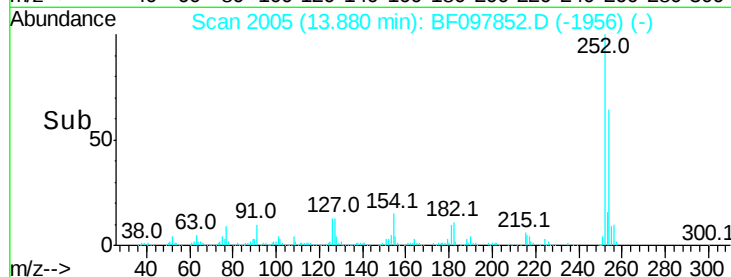
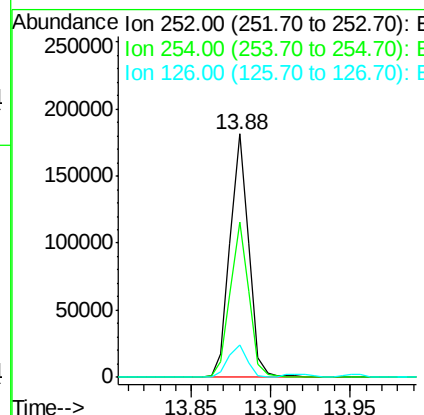
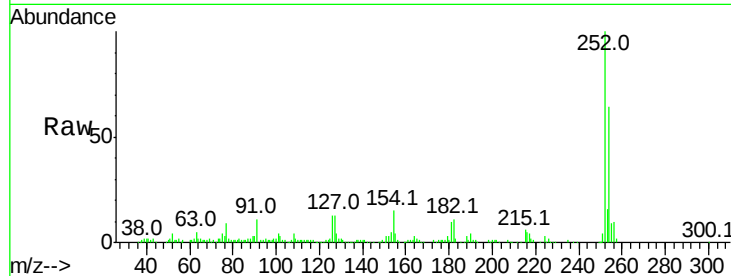
#81
 3,3'-Dichlorobenzidine
 Concen: 24.667 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.5	77.3
126	13.5	15.8	23.8

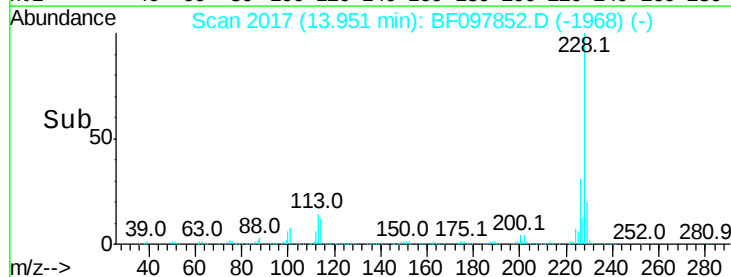
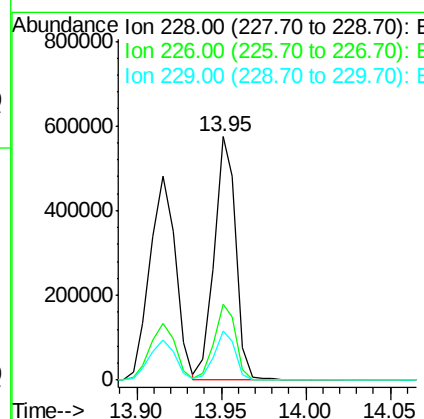
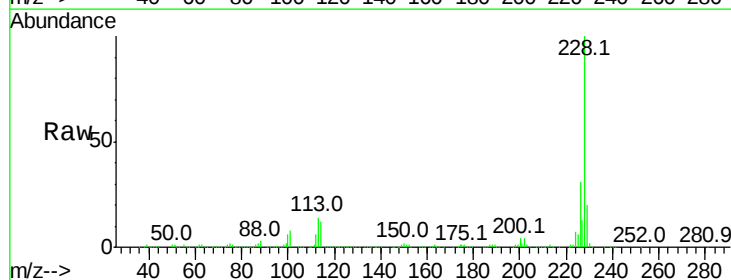
Manual Integrations
 APPROVED

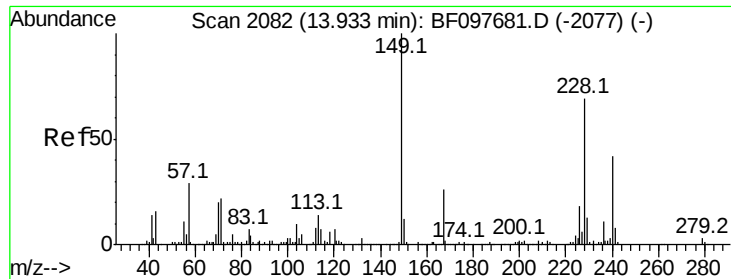
mohammad
 8/21/2017 8:19:28 AM



#82
 Chrysene
 Concen: 28.828 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.543 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

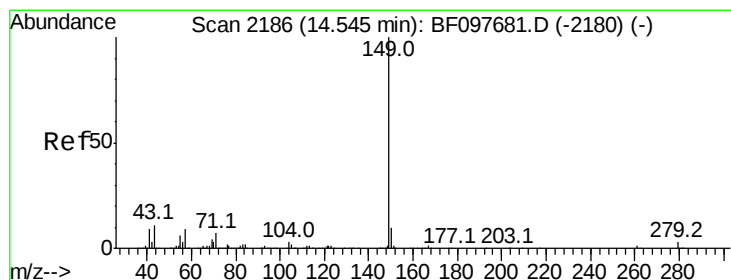
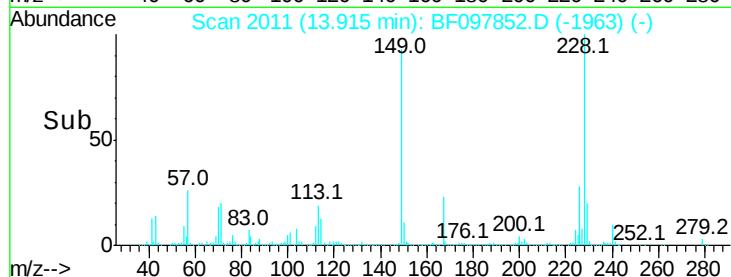
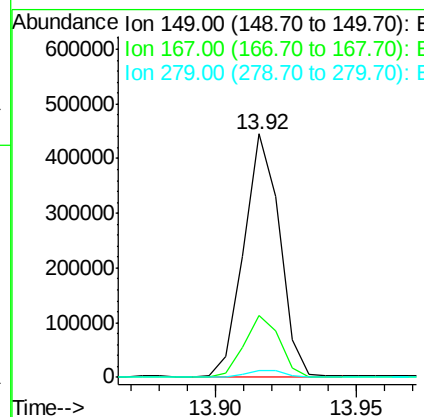
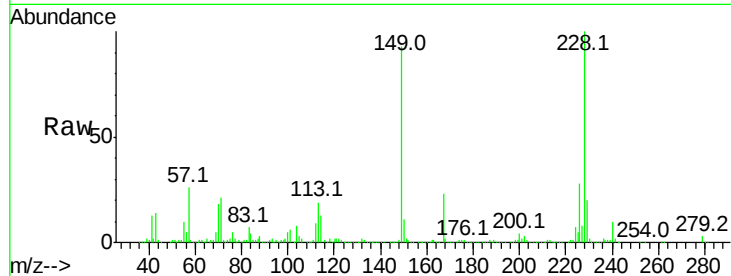
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	149	Resp:	390549
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.0	31.4
279	2.8	1.9	2.9

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#84

Di-n-octyl phthalate

Concen: 40.191 ng

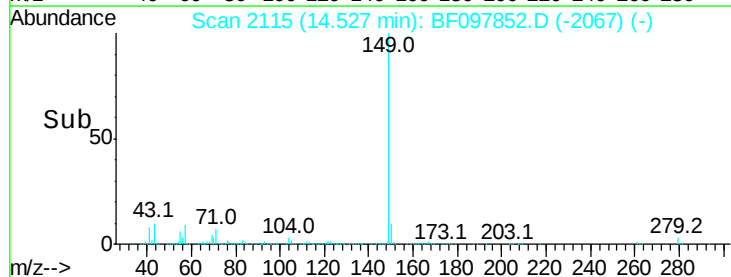
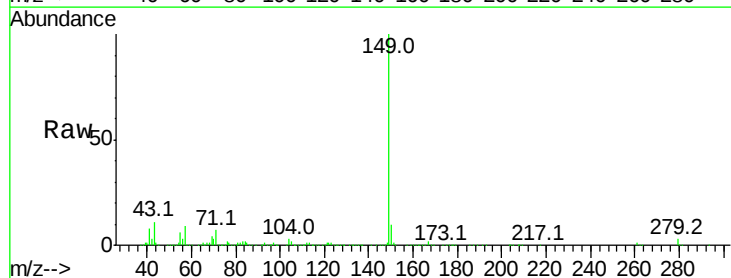
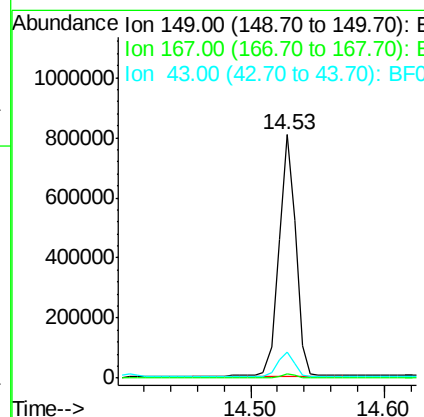
RT: 14.53 min Scan# 2115

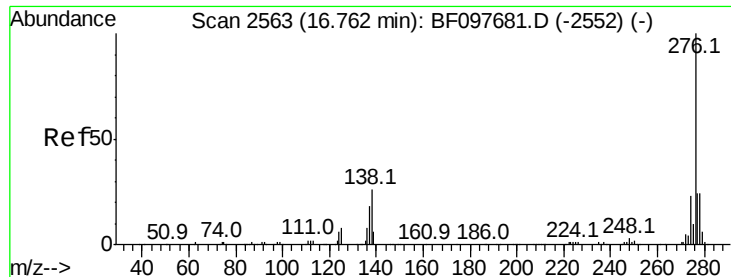
Delta R.T. -0.02 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	149	Resp:	727468
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.5	8.5	12.7





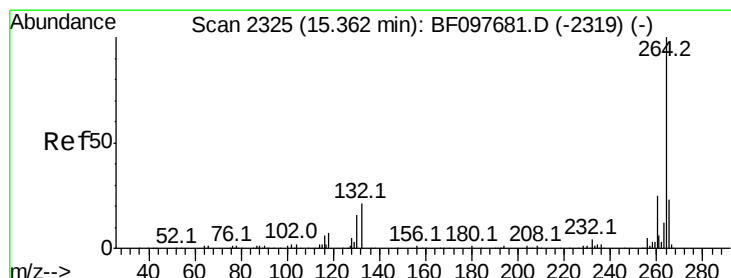
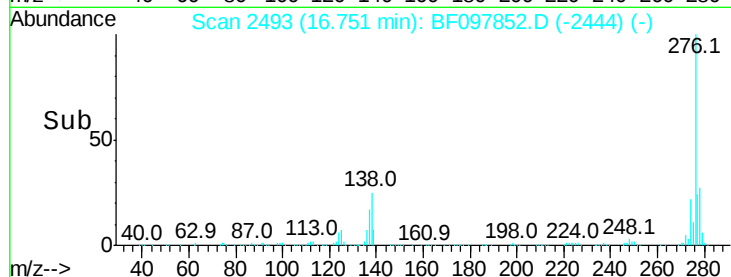
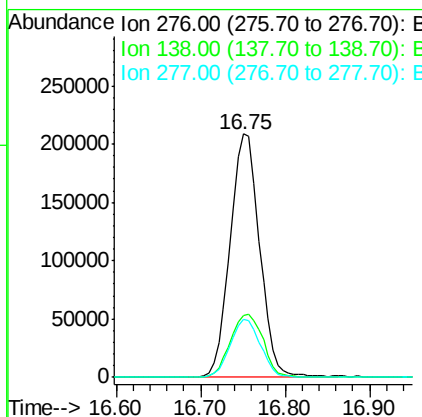
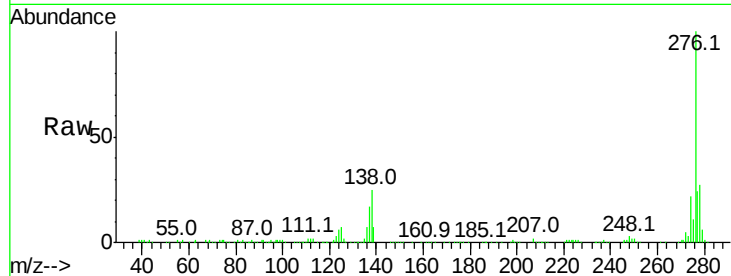
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.373 ng
RT: 16.75 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	503848		
138	28.7		27.8	41.6
277	24.6		20.2	30.4

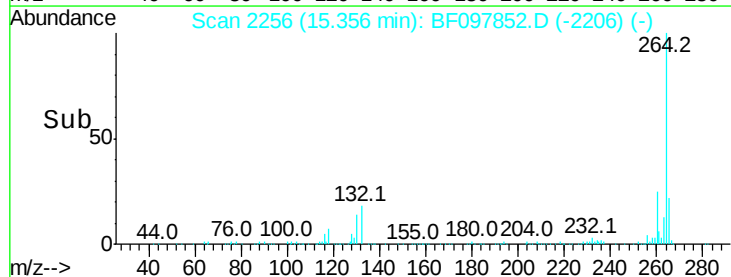
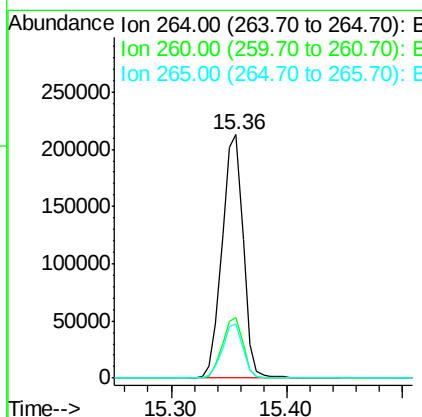
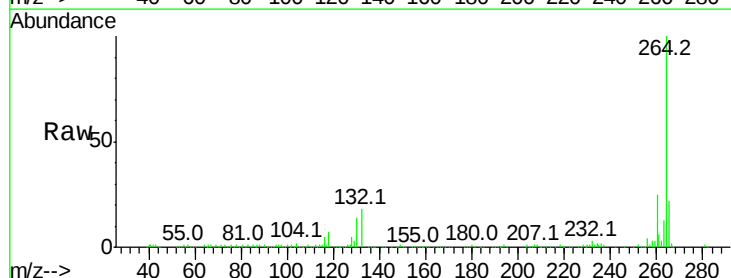
Manual Integrations
APPROVED

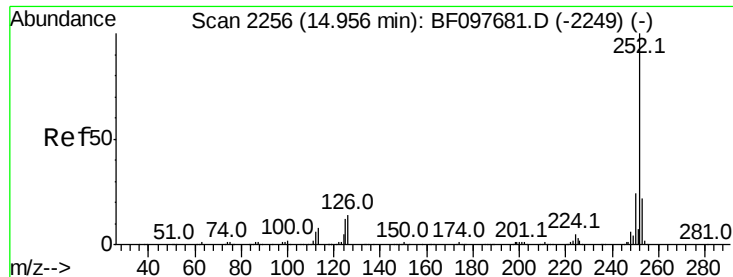
mohammad
8/21/2017 8:19:28 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	270320		
260	24.8		19.5	29.3
265	22.4		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 27.703 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Instrument :

BNA_F

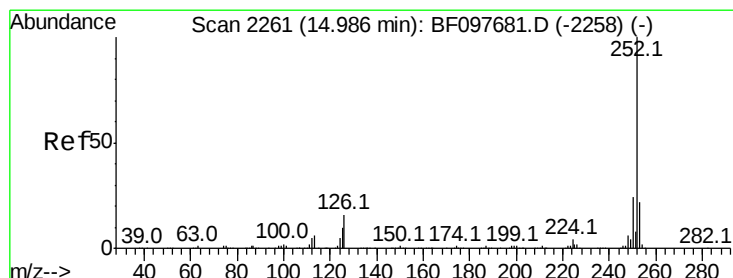
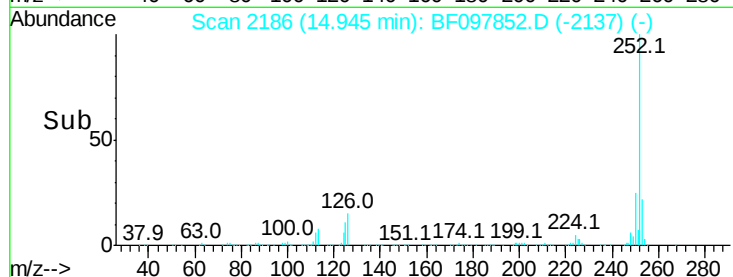
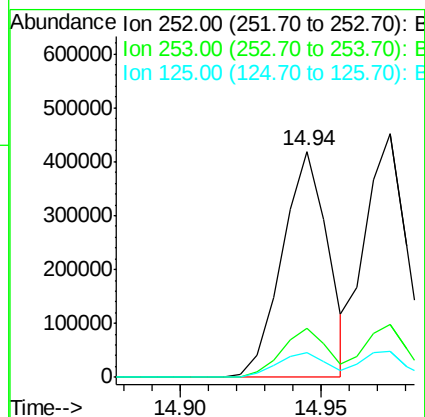
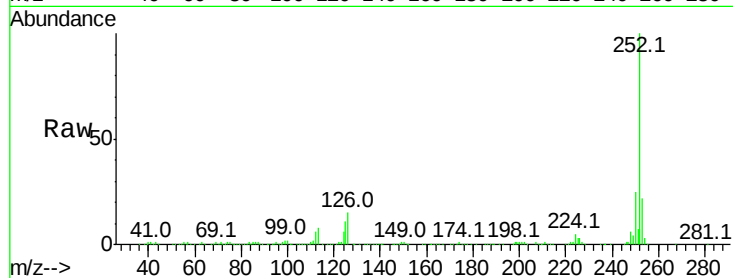
ClientSampleId :

E2-L10-ESWMSD

Tot Ion:	252	Resp:	472030
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	11.0	9.8	14.8

Manual Integrations
APPROVED

mohammad
8/21/2017 8:19:28 AM



#88

Benzo(k)fluoranthene

Concen: 28.440 ng

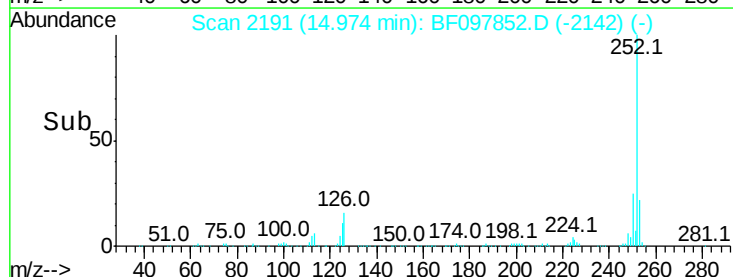
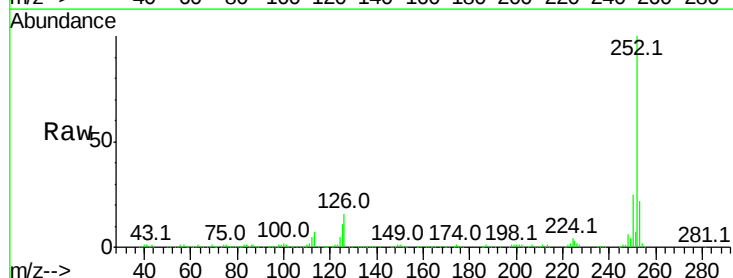
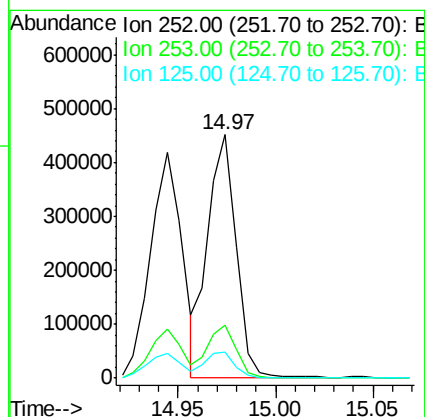
RT: 14.97 min Scan# 2191

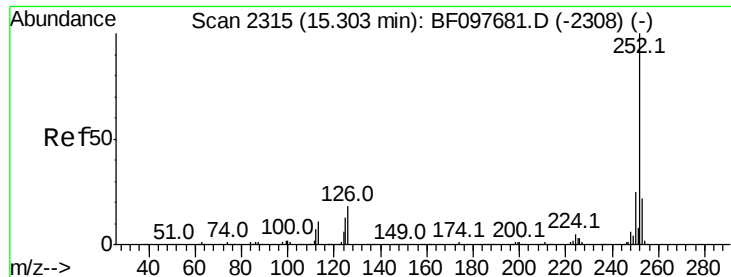
Delta R.T. -0.01 min

Lab File: BF097852.D

Acq: 19 Aug 2017 00:22

Tgt Ion:	252	Resp:	455281
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	10.6	13.1	19.7#





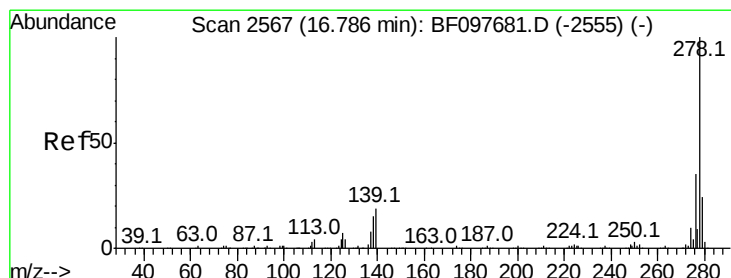
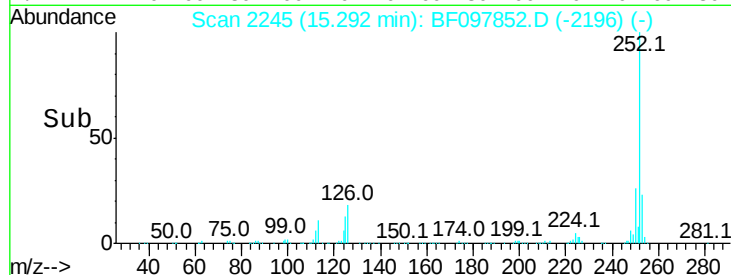
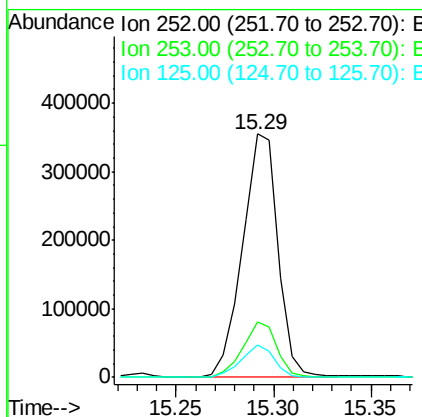
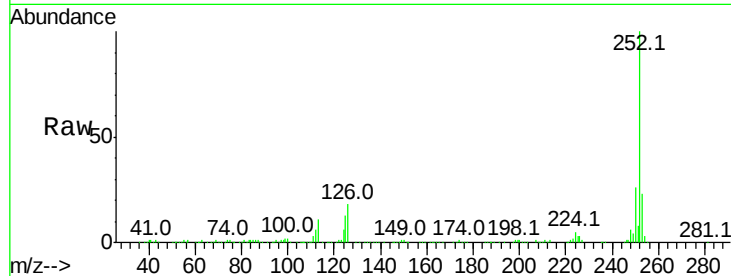
#89
Benzo(a)pyrene
Concen: 29.557 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Instrument :
BNA_F
ClientSampleId :
E2-L10-ESWMSD

Tot Ion:	252	Resp:	445843
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	13.5	11.0	16.4

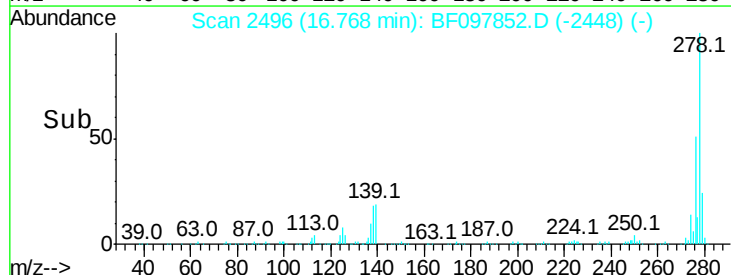
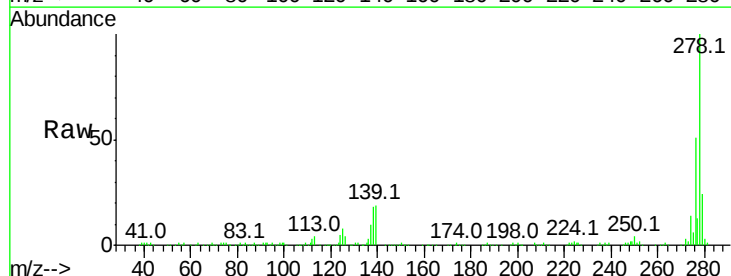
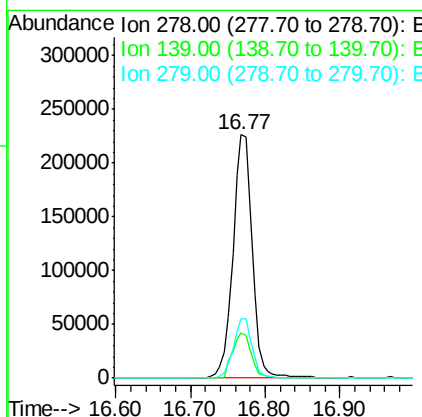
Manual Integrations
APPROVED

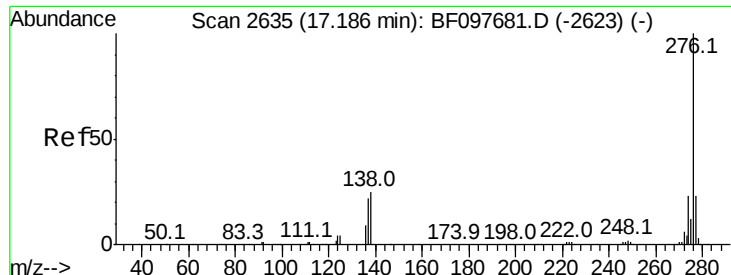
mohammad
8/21/2017 8:19:28 AM



#90
Dibenzo(a,h)anthracene
Concen: 33.524 ng
RT: 16.77 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BF097852.D
Acq: 19 Aug 2017 00:22

Tgt Ion:	278	Resp:	411682
Ion Ratio	Lower	Upper	
278	100		
139	18.7	16.6	24.8
279	24.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 33.324 ng
 RT: 17.17 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BF097852.D
 Acq: 19 Aug 2017 00:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-L10-ESWMSD

Tot Ion:	276	Resp:	427003
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.6	28.0
138	25.5	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 8/21/2017 8:19:28 AM

