

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
 Data File : BF098249.D
 Acq On : 2 Sep 2017 16:47
 Operator : SJ/JU
 Sample : I5006-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:54:58 PM

Quant Time: Sep 04 07:48:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118007	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	468451	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	193290	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	305735	20.00	ng	-0.04
75) Chrysene-d12	13.87	240	252602	20.00	ng	-0.03
86) Perylene-d12	15.29	264	254573	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	914889	117.93	ng	-0.02
7) Phenol-d6	6.36	99	1239560	117.59	ng	-0.02
23) Nitrobenzene-d5	7.28	82	770754	89.38	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	188017	112.11	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	1067058	81.11	ng	-0.04
78) Terphenyl-d14	12.82	244	690928	57.04	ng	-0.04

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.42	88	145088	33.534	ng	86
3) Pyridine	3.12	79	394604	32.991	ng	# 84
4) n-Nitrosodimethylamine	3.08	42	154589	33.589	ng	# 70
6) Aniline	6.38	93	262983	17.759	ng	# 2
8) 2-Chlorophenol	6.50	128	322396	39.404	ng	97
9) Benzaldehyde	6.26	77	130352	19.523	ng	91
10) Phenol	6.37	94	475818	38.596	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	375645	40.370	ng	92
12) 1,3-Dichlorobenzene	6.65	146	325840	37.024	ng	# 94
13) 1,4-Dichlorobenzene	6.73	146	332380	37.134	ng	94
14) 1,2-Dichlorobenzene	6.88	146	307329	37.238	ng	99
15) Benzyl Alcohol	6.86	79	290965	36.868	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	454979	36.342	ng	79
17) 2-Methylphenol	6.98	107	285341	39.575	ng	# 93
18) Hexachloroethane	7.22	117	129683	36.955	ng	# 82
19) n-Nitroso-di-n-propylamine	7.13	70	258332	35.800	ng	89
20) 3+4-Methylphenols	7.13	107	346782	39.378	ng	# 86
22) Acetophenone	7.13	105	475275	38.405	ng	# 87
24) Nitrobenzene	7.30	77	395626	41.205	ng	92
25) Isophorone	7.54	82	700277	39.055	ng	98
26) 2-Nitrophenol	7.62	139	167012	48.011	ng	# 89
27) 2,4-Dimethylphenol	7.66	122	284829	38.088	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	457651	38.823	ng	99
29) 2,4-Dichlorophenol	7.86	162	242625	39.086	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	256425	37.263	ng	99
31) Naphthalene	8.02	128	921818	37.904	ng	100
32) Benzoic acid	7.75	122	18727	9.383	ng	91
33) 4-Chloroaniline	8.07	127	131094	12.782	ng	98
34) Hexachlorobutadiene	8.13	225	151599	37.731	ng	98
35) Caprolactam	8.44	113	80176m	37.992	ng	
36) 4-Chloro-3-methylphenol	8.56	107	278545	34.925	ng	# 79
37) 2-Methylnaphthalene	8.71	142	579309	38.853	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	230869	38.919	ng	98
40) Hexachlorocyclopentadiene	8.86	237	145236	50.964	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
 Data File : BF098249.D
 Acq On : 2 Sep 2017 16:47
 Operator : SJ/JU
 Sample : I5006-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

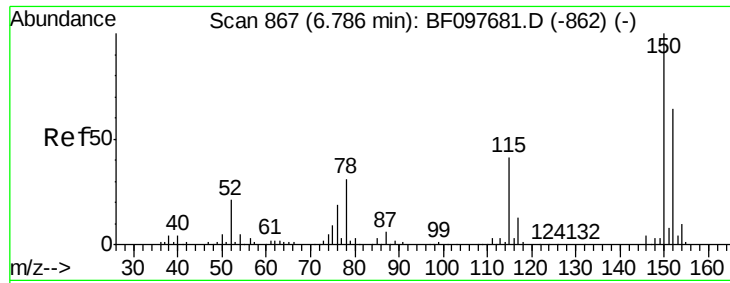
Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:54:58 PM

Quant Time: Sep 04 07:48:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	152832	38.375	ng	97
43) 2,4,5-Trichlorophenol	9.03	196	151906	38.447	ng	95
45) 1,1'-Biphenyl	9.17	154	653374	37.068	ng	97
46) 2-Chloronaphthalene	9.20	162	477624	36.674	ng	93
47) 2-Nitroaniline	9.30	65	172813	39.581	ng	97
48) Acenaphthylene	9.61	152	754389	36.886	ng	100
49) Dimethylphthalate	9.48	163	723491	51.206	ng	99
50) 2,6-Dinitrotoluene	9.54	165	118415	41.987	ng	# 61
51) Acenaphthene	9.78	154	450591	34.933	ng	99
52) 3-Nitroaniline	9.71	138	94988	26.105	ng	94
53) 2,4-Dinitrophenol	9.82	184	58088	47.952	ng	# 69
54) Dibenzofuran	9.96	168	664855	38.460	ng	97
55) 4-Nitrophenol	9.89	139	149259	51.422	ng	# 54
56) 2,4-Dinitrotoluene	9.95	165	140218	39.617	ng	# 57
57) Fluorene	10.30	166	484569	36.255	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	112092	36.643	ng	93
59) Diethylphthalate	10.17	149	563872	38.163	ng	100
60) 4-Chlorophenyl-phenylether	10.29	204	230264	37.085	ng	90
61) 4-Nitroaniline	10.32	138	110167	31.856	ng	78
62) Azobenzene	10.45	77	618888	35.263	ng	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	53784	39.181	ng	# 71
65) n-Nitrosodiphenylamine	10.41	169	425987	40.916	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	130830	41.208	ng	99
67) Hexachlorobenzene	10.85	284	120849	37.345	ng	97
68) Atrazine	10.94	200	121879	44.142	ng	95
69) Pentachlorophenol	11.04	266	106963	56.691	ng	96
70) Phenanthrene	11.26	178	753072	46.224	ng	99
71) Anthracene	11.31	178	653227	39.532	ng	99
72) Carbazole	11.46	167	570354	36.363	ng	98
73) Di-n-butylphthalate	11.80	149	755581	41.821	ng	99
74) Fluoranthene	12.44	202	770507	45.311	ng	97
76) Benzidine	12.56	184	135358	16.343	ng	# 92
77) Pyrene	12.67	202	776321	37.576	ng	99
79) Butylbenzylphthalate	13.29	149	296999	37.495	ng	# 76
80) Benzo(a)anthracene	13.86	228	613782	40.542	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	135606	26.544	ng	# 96
82) Chrysene	13.89	228	601483	39.938	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	397670	45.306	ng	# 100
84) Di-n-octyl phthalate	14.46	149	769147	50.362	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	508820	45.927	ng	95
87) Benzo(b)fluoranthene	14.89	252	663164	41.328	ng	99
88) Benzo(k)fluoranthene	14.91	252	543302	36.038	ng	# 96
89) Benzo(a)pyrene	15.23	252	594205	41.829	ng	99
90) Dibenzo(a,h)anthracene	16.67	278	420686	36.376	ng	99
91) Benzo(g,h,i)perylene	17.07	276	396099	32.825	ng	95

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



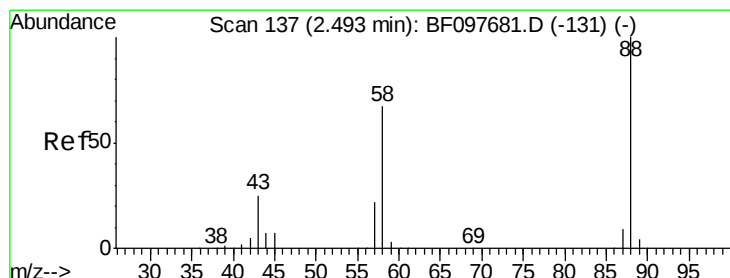
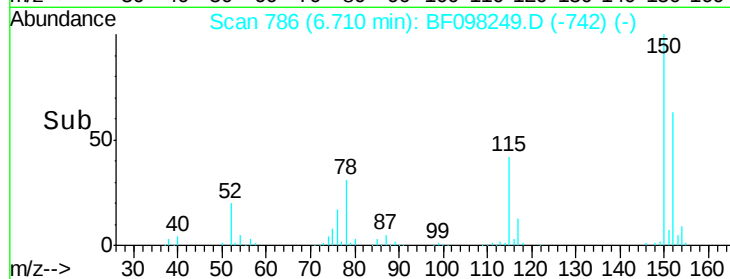
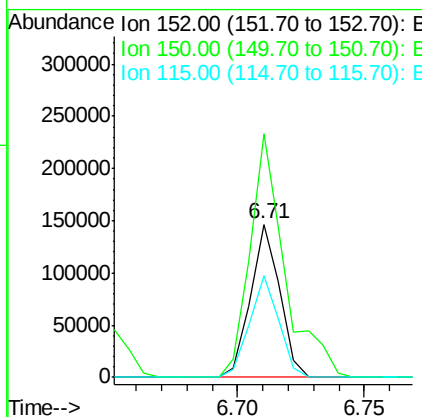
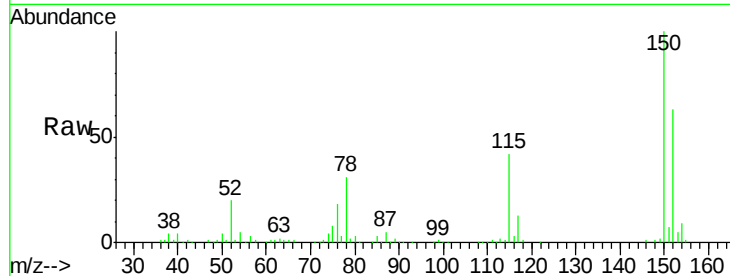
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	66.4	52.2	78.2

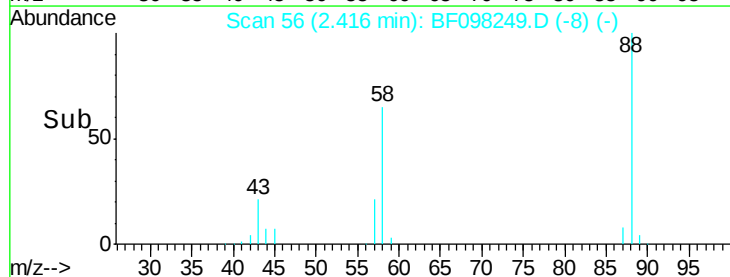
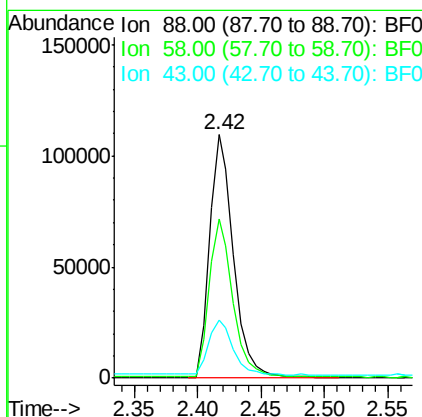
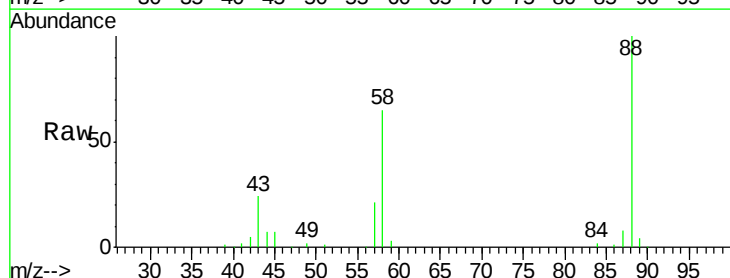
Manual Integrations
 APPROVED

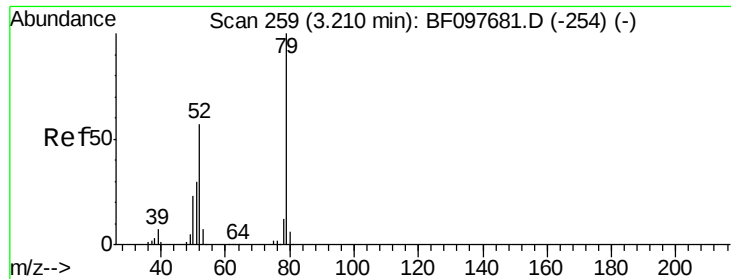
mohammad
 9/5/2017 4:54:58 PM



#2
 1,4-Dioxane
 Concen: 33.534 ng
 RT: 2.42 min Scan# 56
 Delta R.T. -0.02 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	61.4	92.0
43	23.6	23.4	35.0





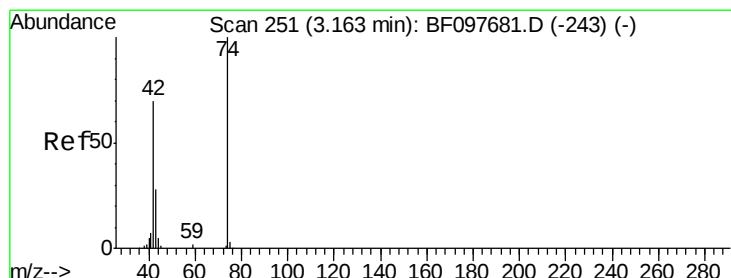
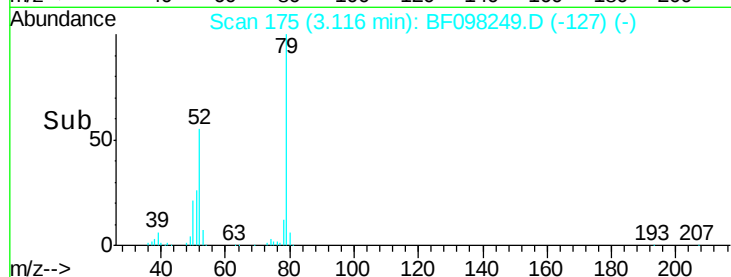
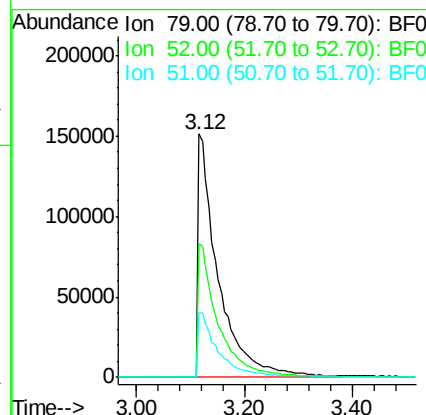
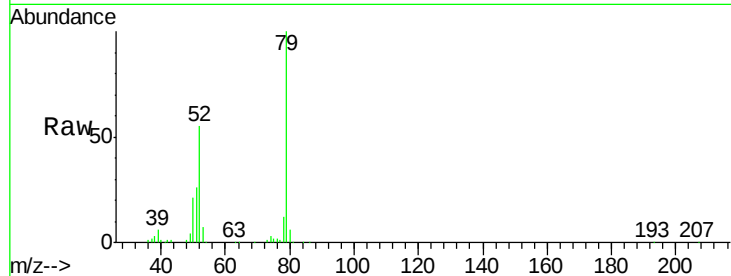
#3
 Pyridine
 Concen: 32.991 ng
 RT: 3.12 min Scan# 175
 Delta R.T. -0.02 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	54.8	54.8	82.2#
51	26.4	27.0	40.4#

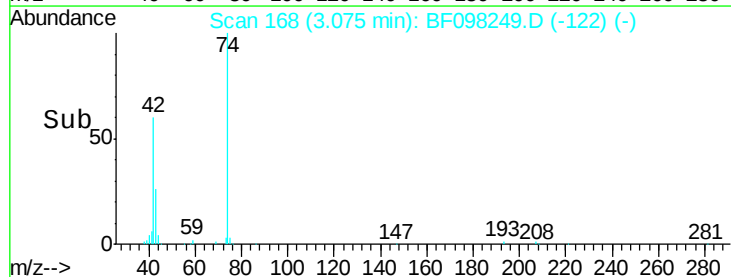
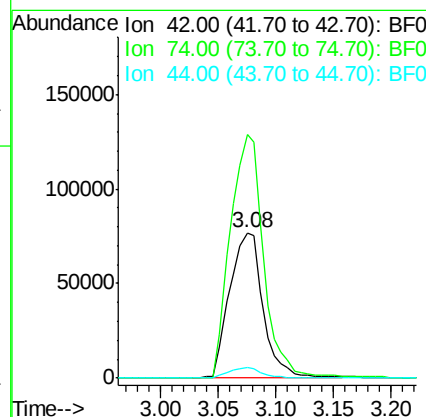
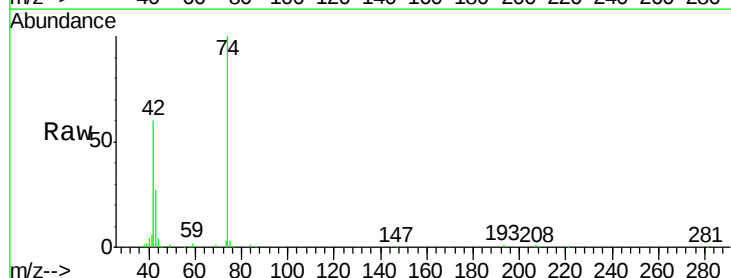
Manual Integrations
 APPROVED

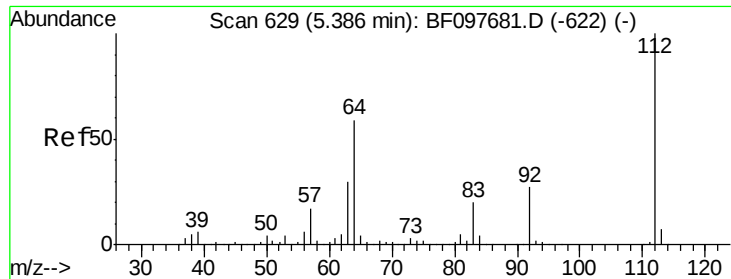
mohammad
 9/5/2017 4:54:58 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.589 ng
 RT: 3.08 min Scan# 168
 Delta R.T. -0.03 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	167.2	103.9	155.9#
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 117.926 ng

RT: 5.33 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

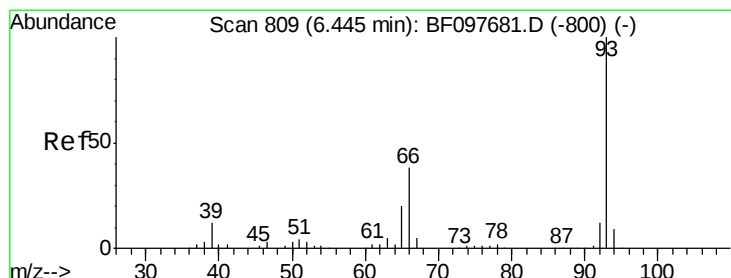
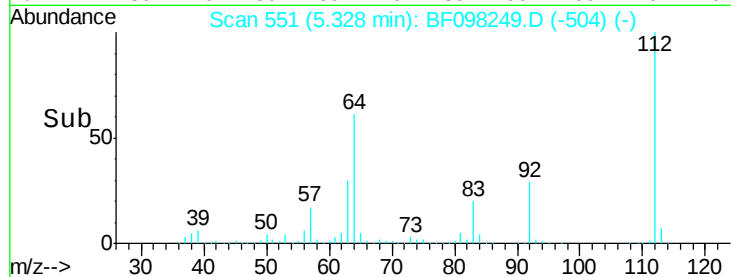
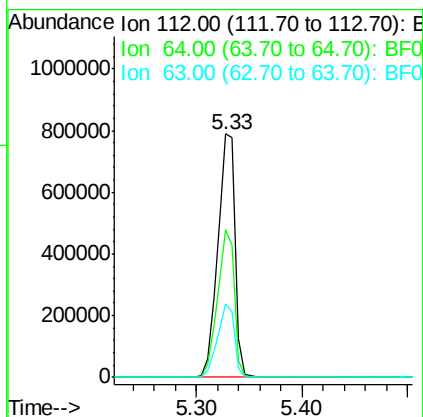
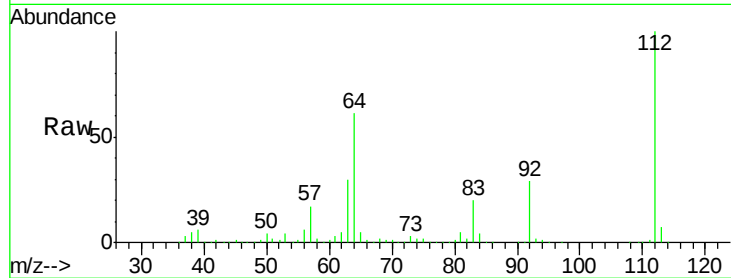
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	112	Resp:	914889
Ion Ratio	Lower	Upper	
112	100		
64	60.6	46.0	69.0
63	30.0	23.4	35.0

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#6

Aniline

Concen: 17.759 ng

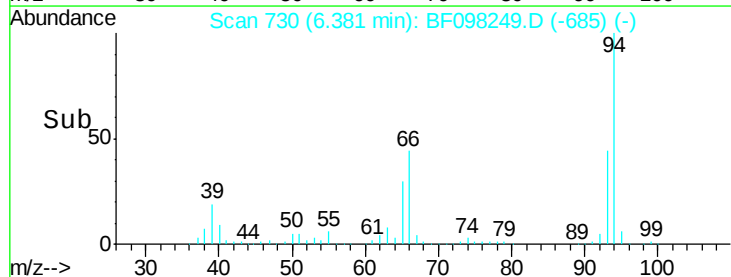
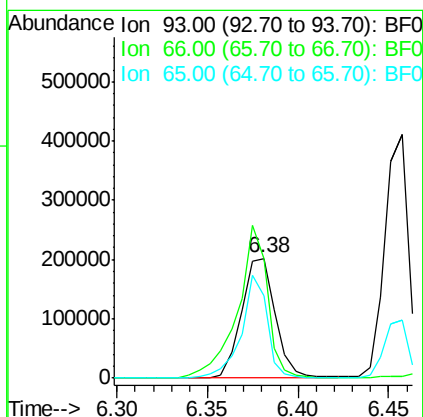
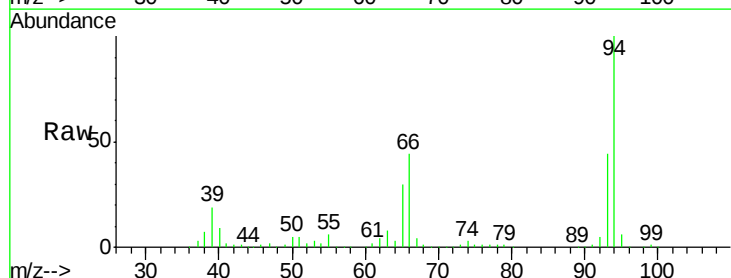
RT: 6.38 min Scan# 730

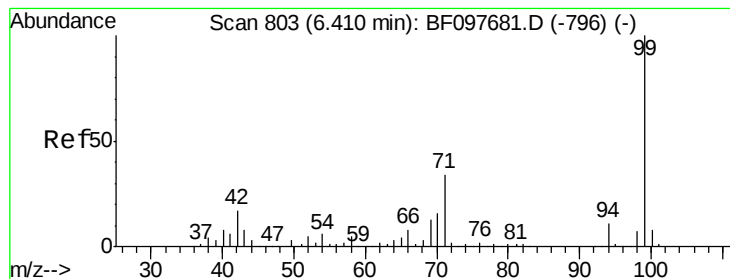
Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	93	Resp:	262983
Ion Ratio	Lower	Upper	
93	100		
66	99.7	32.9	49.3#
65	69.0	16.0	24.0#





#7

Phenol-d6

Concen: 117.593 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

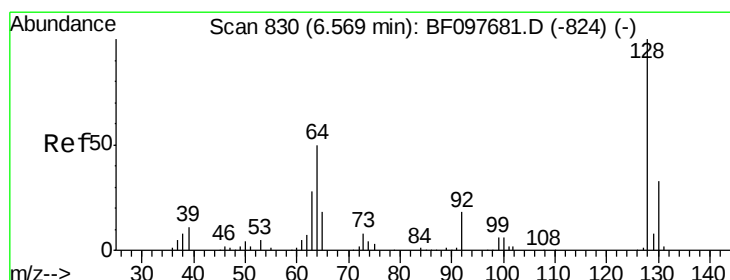
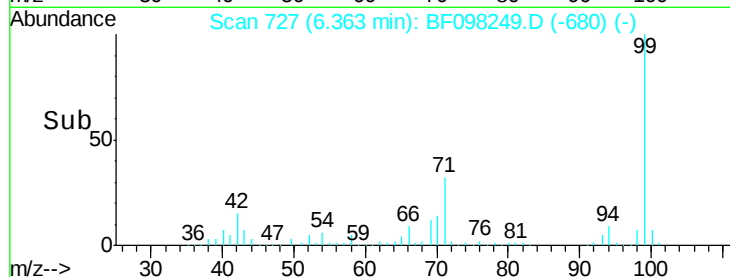
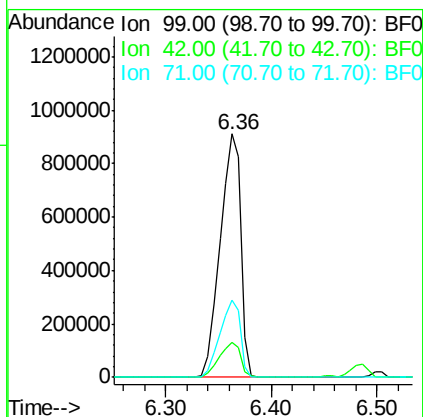
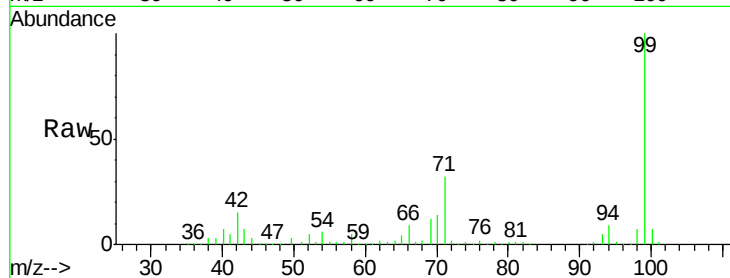
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	99	Resp:	1239560
Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.5	20.3
71	31.6	24.5	36.7

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#8

2-Chlorophenol

Concen: 39.404 ng

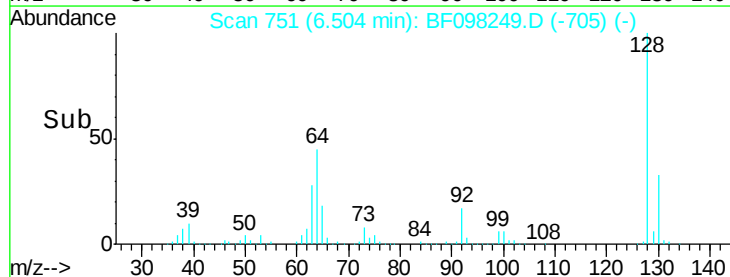
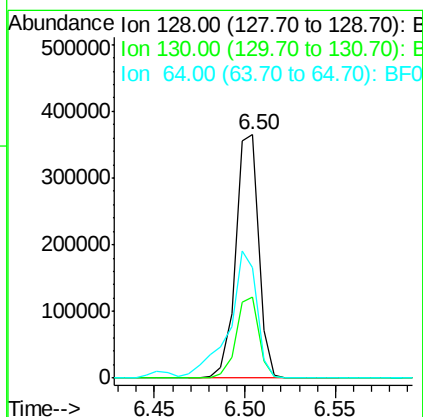
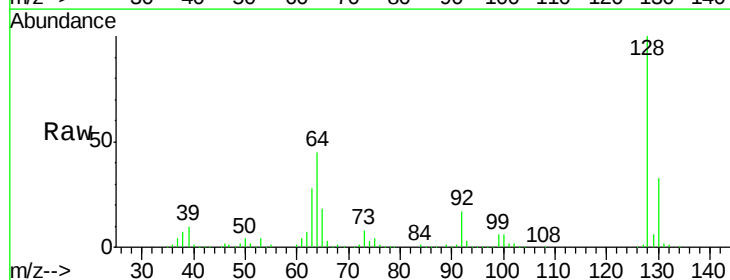
RT: 6.50 min Scan# 751

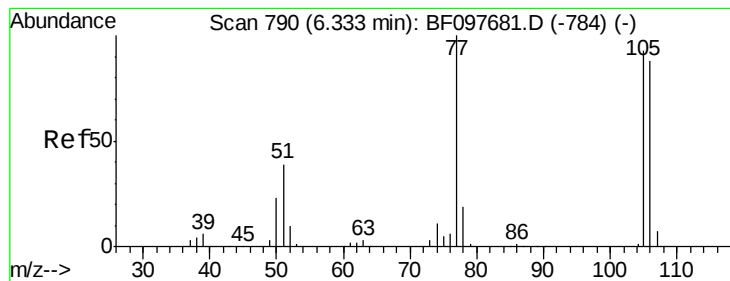
Delta R.T. -0.03 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	128	Resp:	322396
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	45.5	28.4	68.4





#9

Benzaldehyde

Concen: 19.523 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

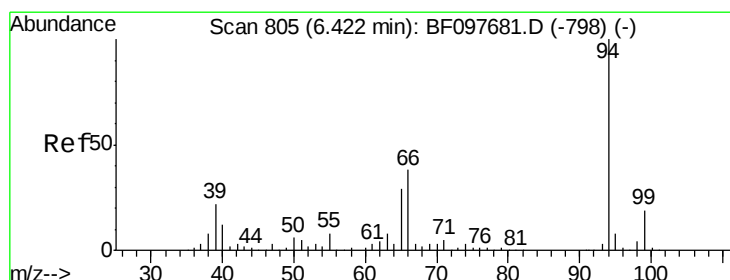
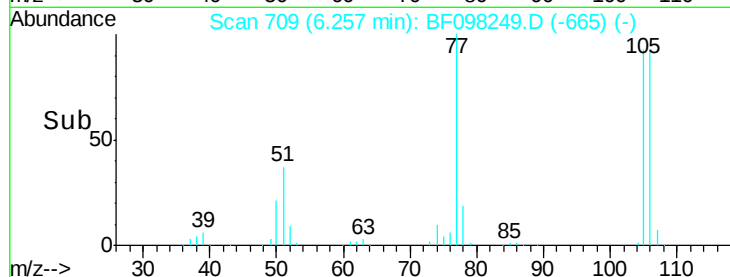
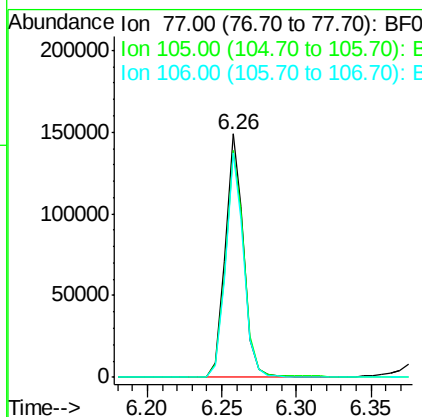
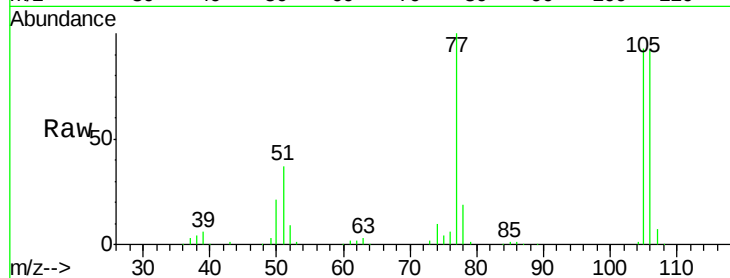
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	77	Resp:	130352
Ion	Ratio	Lower	Upper
77	100		
105	93.3	83.8	123.8
106	92.1	79.1	119.1

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#10

Phenol

Concen: 38.596 ng

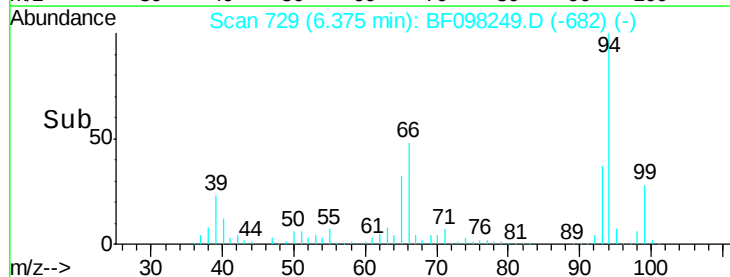
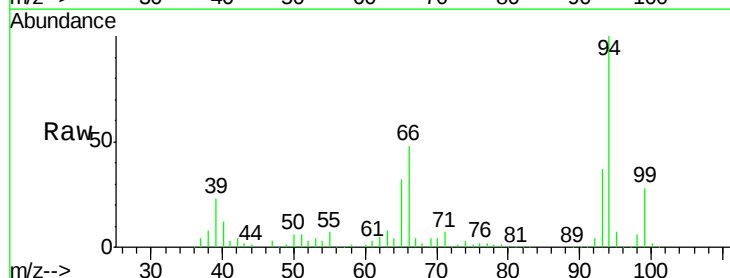
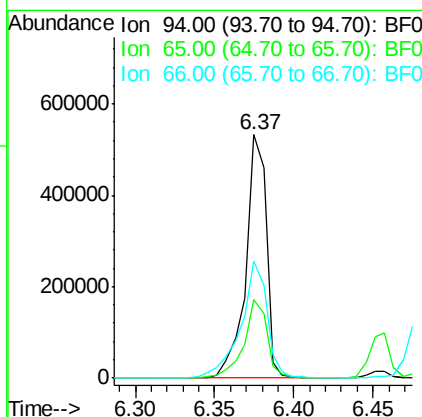
RT: 6.37 min Scan# 729

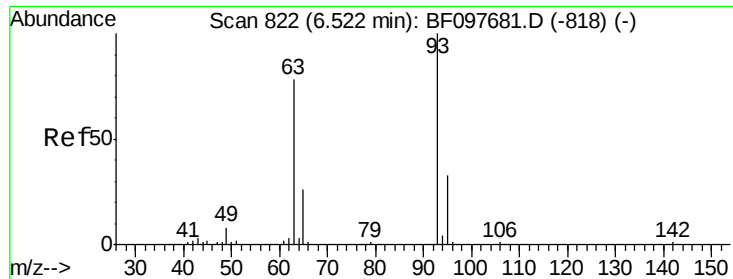
Delta R.T. -0.02 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	94	Resp:	475818
Ion	Ratio	Lower	Upper
94	100		
65	32.5	9.9	49.9
66	48.3	23.1	63.1





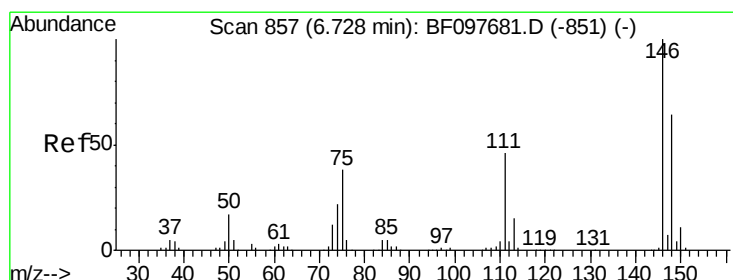
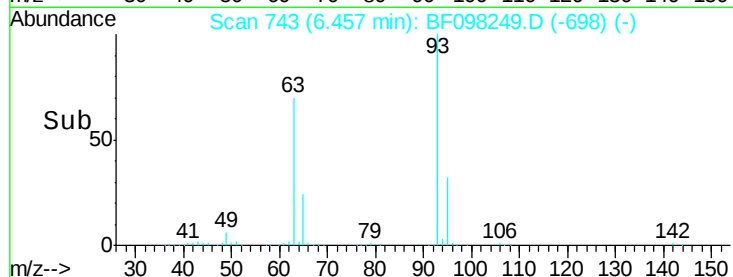
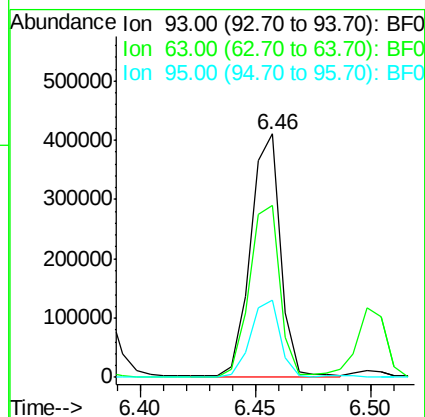
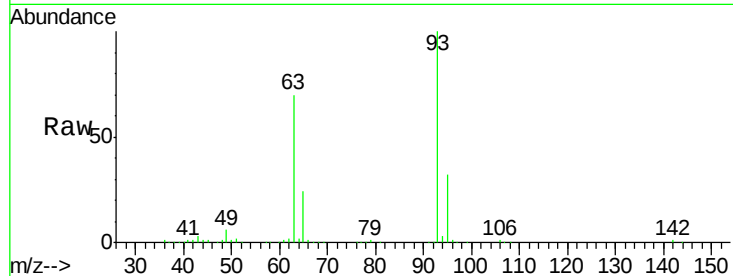
#11
bis(2-Chloroethyl)ether
Concen: 40.370 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.4	59.2	99.2
95	31.8	12.8	52.8

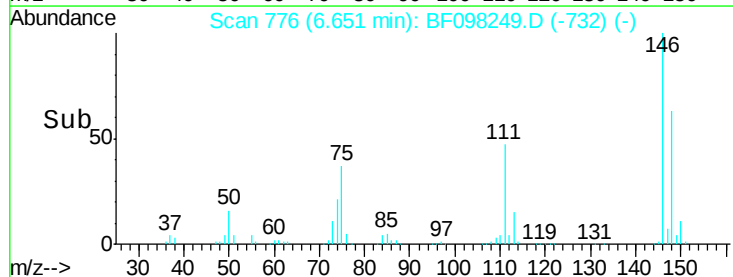
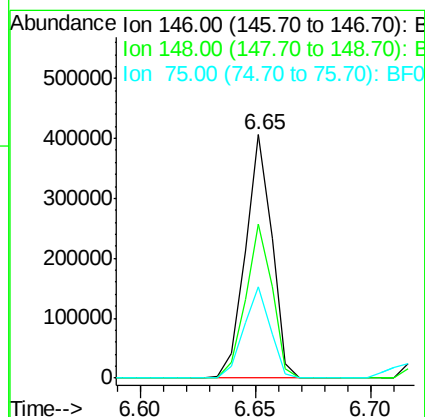
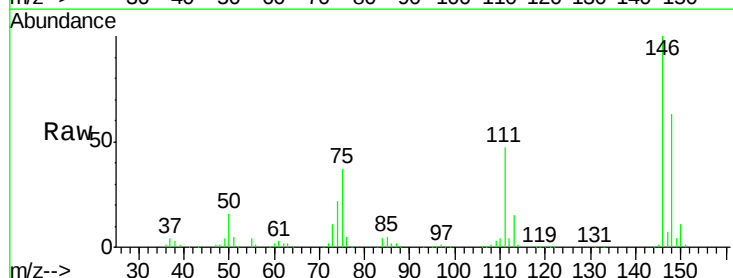
Manual Integrations
APPROVED

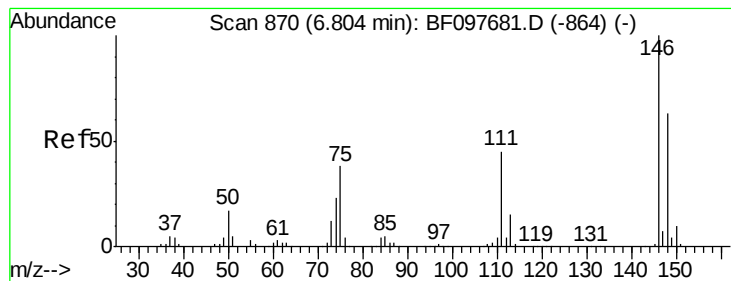
mohammad
9/5/2017 4:54:58 PM



#12
1,3-Dichlorobenzene
Concen: 37.024 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	37.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.134 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

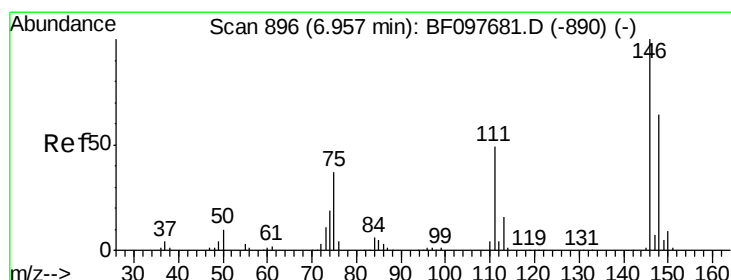
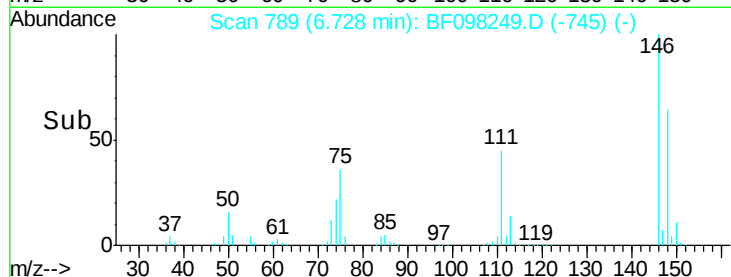
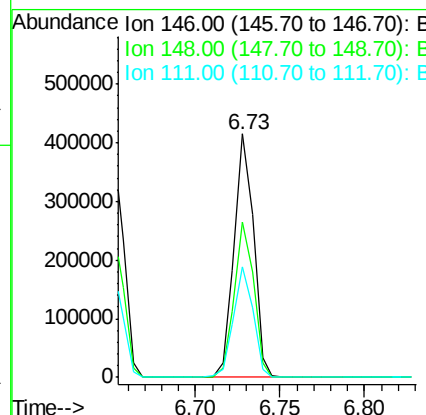
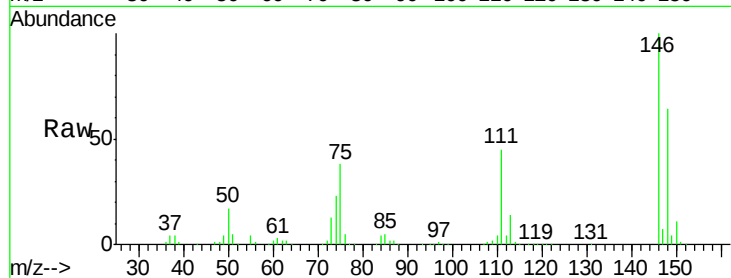
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	146	Resp:	332380
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	45.3	30.3	45.5

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#14

1,2-Dichlorobenzene

Concen: 37.238 ng

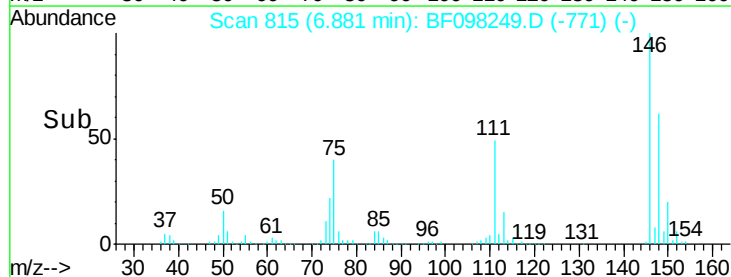
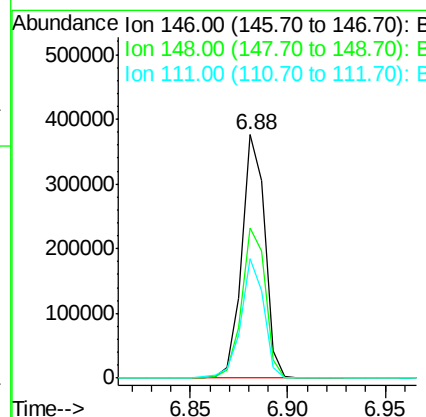
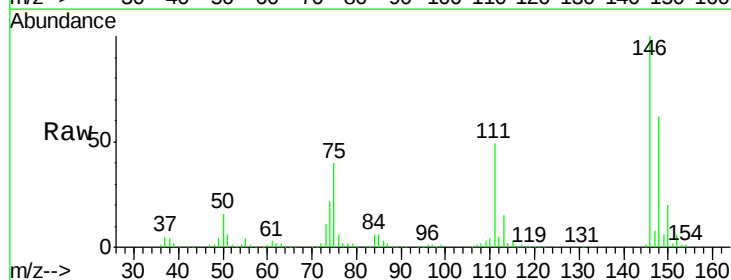
RT: 6.88 min Scan# 815

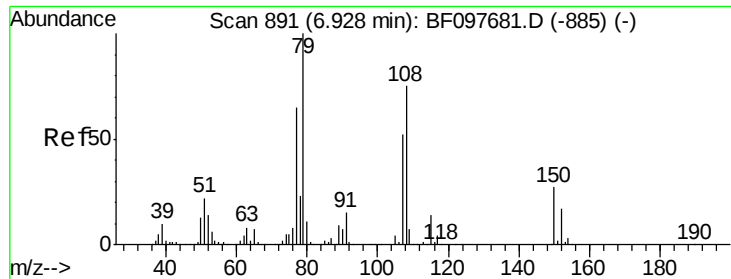
Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	146	Resp:	307329
Ion Ratio	Lower	Upper	
146	100		
148	61.9	50.4	75.6
111	48.9	38.2	57.4





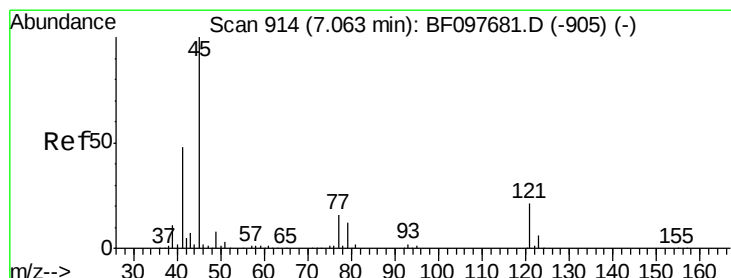
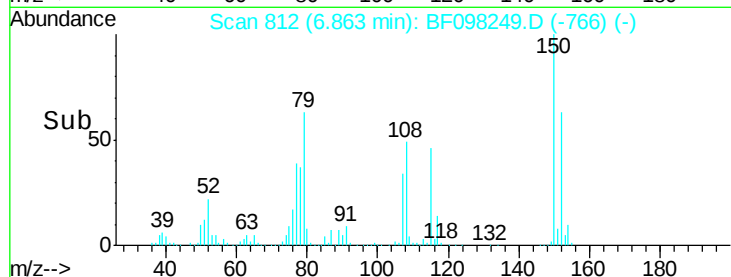
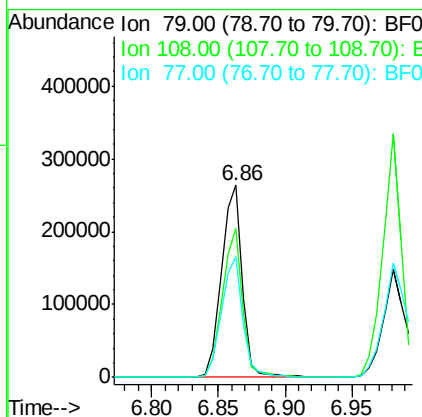
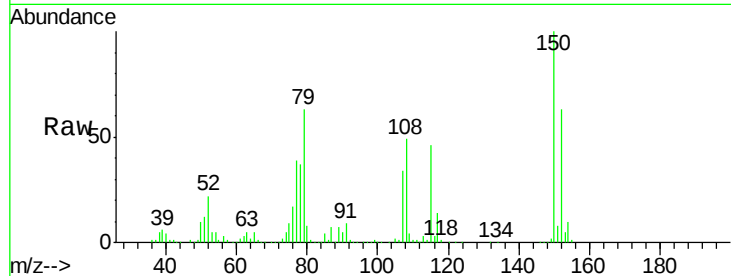
#15
Benzyl Alcohol
Concen: 36.868 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.7	63.4	95.0
77	62.6	49.2	73.8

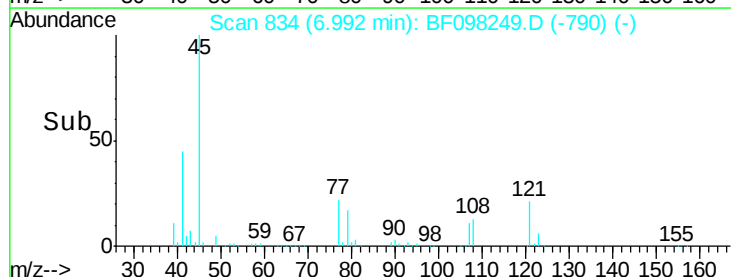
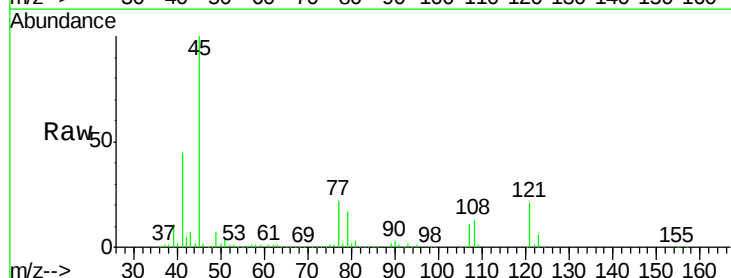
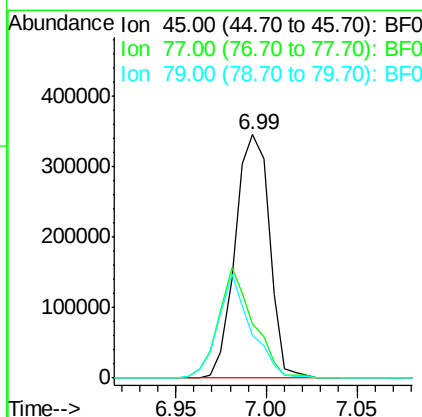
Manual Integrations
APPROVED

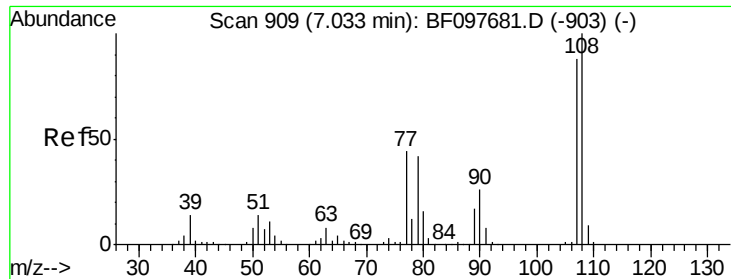
mohammad
9/5/2017 4:54:58 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.342 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.3	0.0	33.2
79	17.3	0.0	30.0





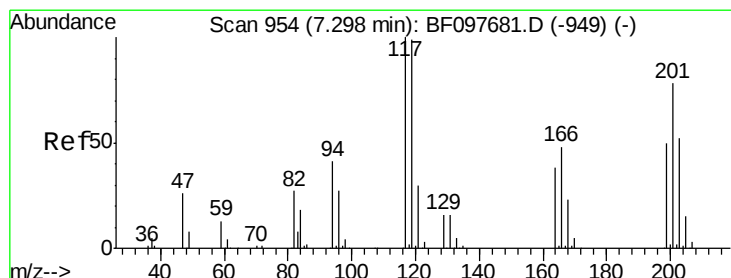
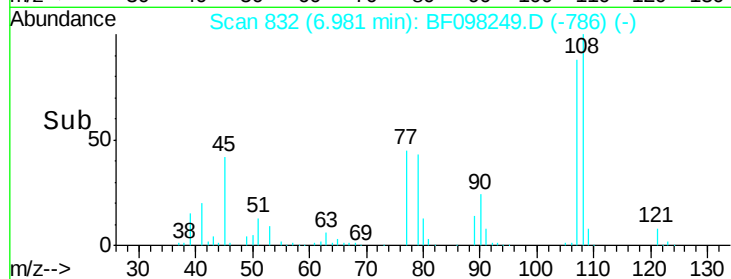
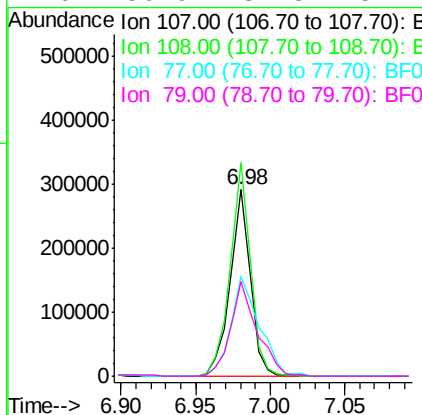
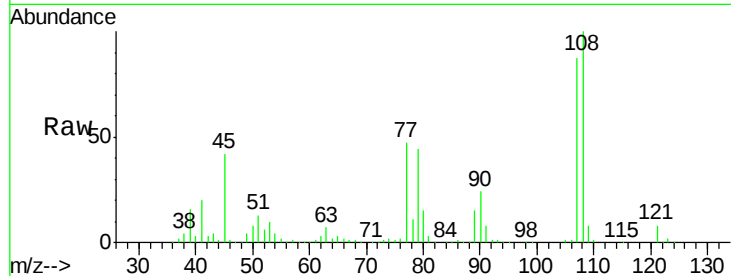
#17
2-Methylphenol
Concen: 39.575 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	285341		
108	114.4	93.4	140.0	
77	53.8	35.8	53.6#	
79	50.9	34.8	52.2	

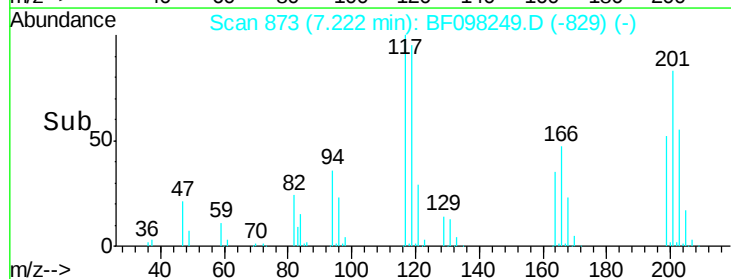
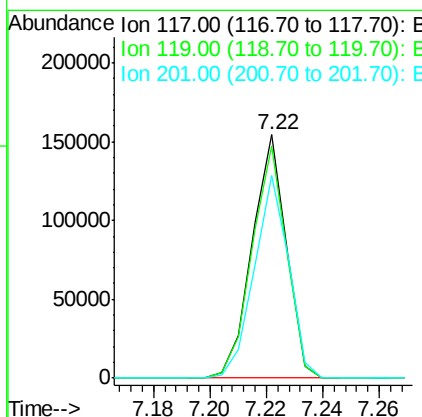
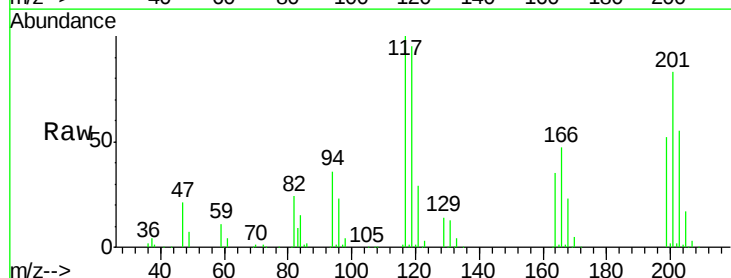
Manual Integrations
APPROVED

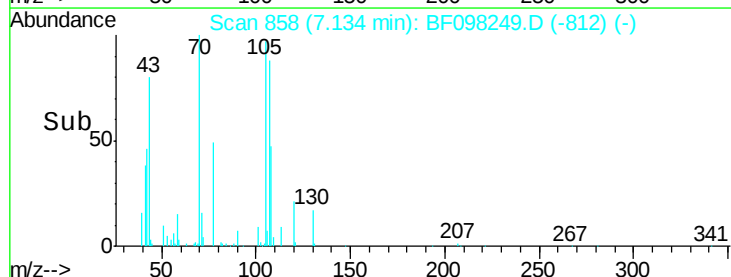
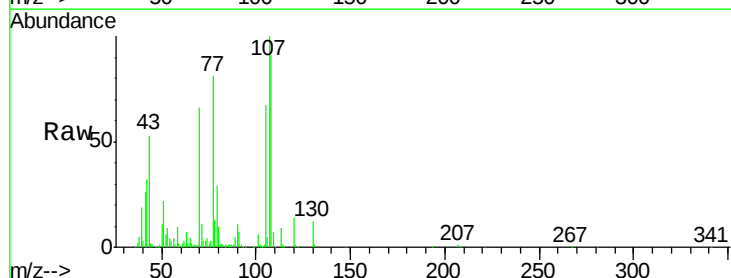
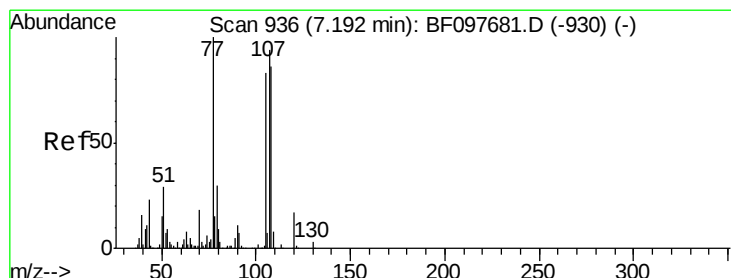
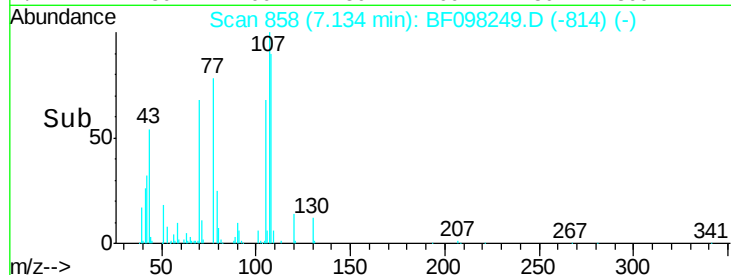
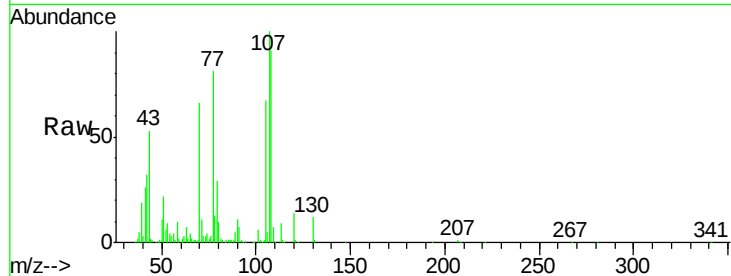
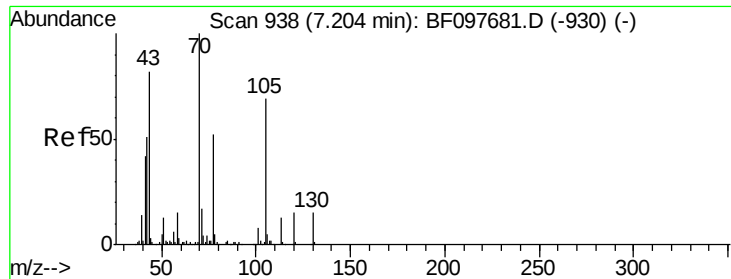
mohammad
9/5/2017 4:54:58 PM



#18
Hexachloroethane
Concen: 36.955 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

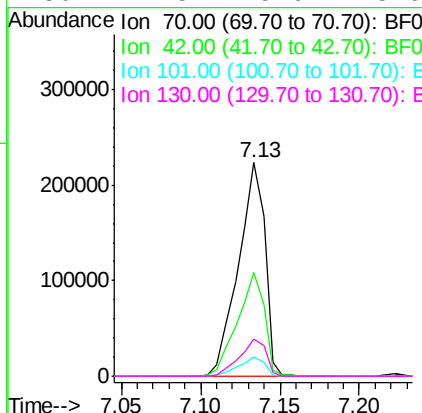
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129683		
119	95.3	77.4	116.0	
201	83.4	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 35.800 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.2	70.8
101	9.2	7.2	10.8
130	17.5	15.9	23.9



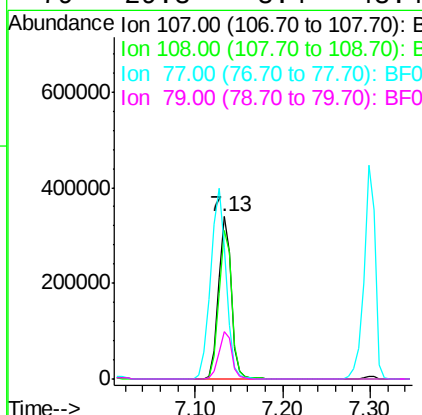
Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

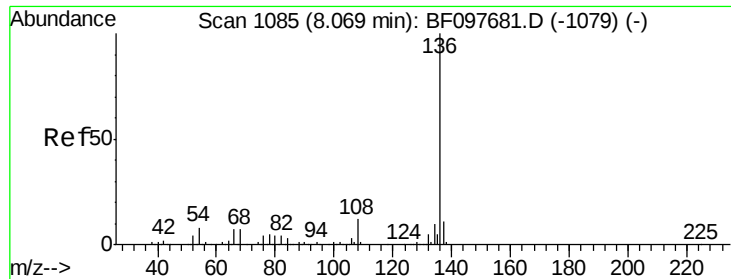
Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM

#20
3+4-Methylphenols
Concen: 39.378 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	81.3	90.5	130.5#
79	29.3	8.4	48.4





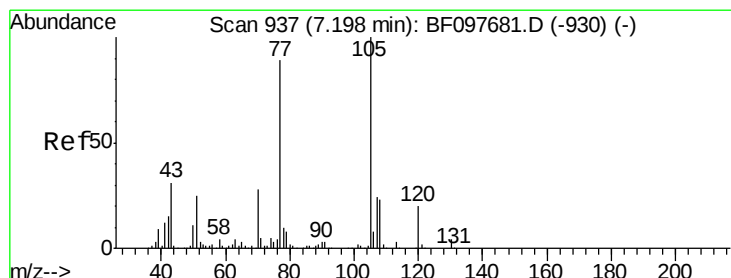
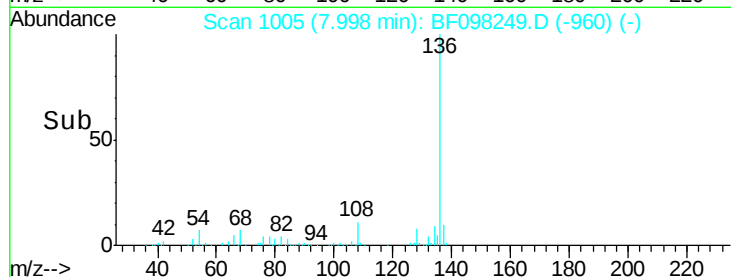
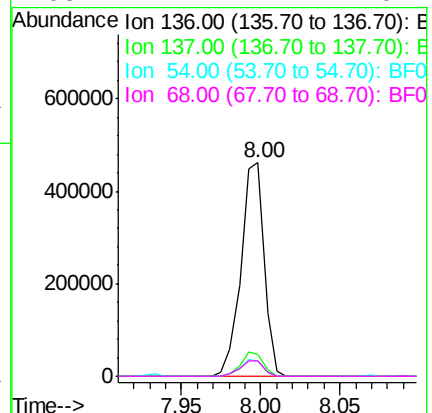
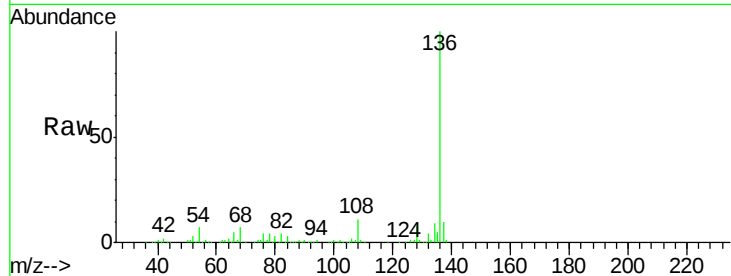
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	468451		
137	10.4	8.5	12.7	
54	7.1	4.9	7.3	
68	7.1	4.1	6.1	

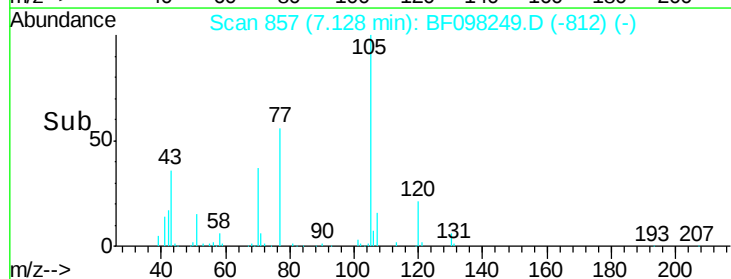
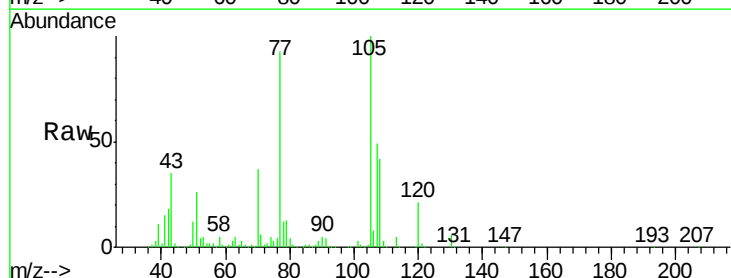
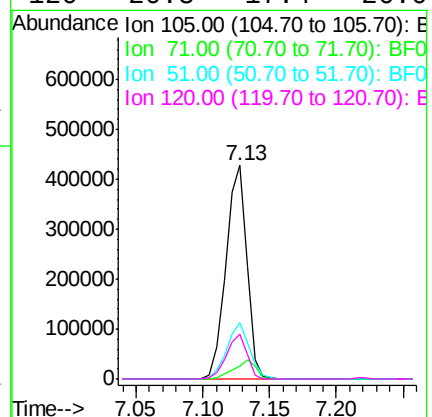
Manual Integrations
APPROVED

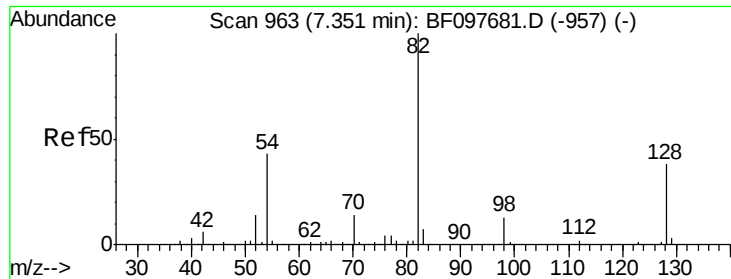
mohammad
9/5/2017 4:54:58 PM



#22
Acetophenone
Concen: 38.405 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	475275		
71	6.2	2.8	4.2	
51	26.4	30.7	46.1	
120	20.8	17.4	26.0	





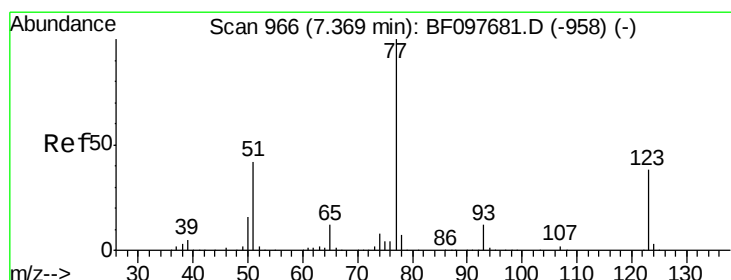
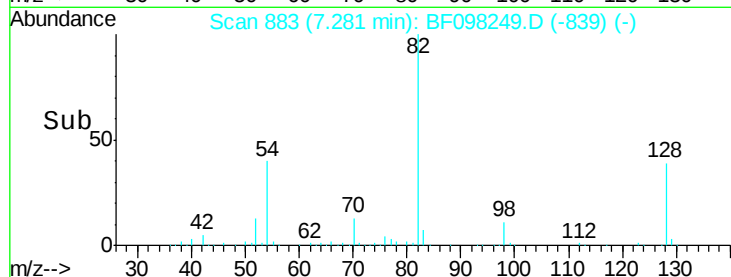
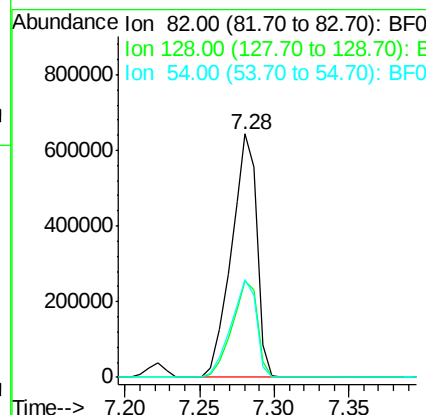
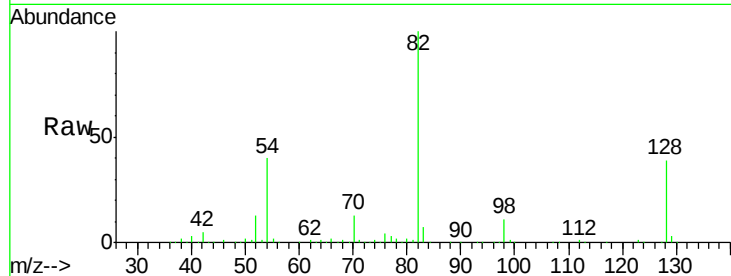
#23
 Nitrobenzene-d5
 Concen: 89.382 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.0	51.0
54	40.1	42.2	63.2

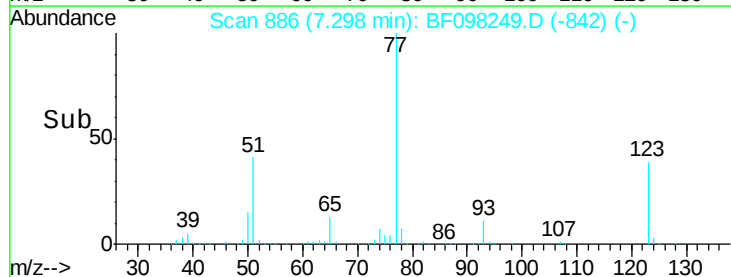
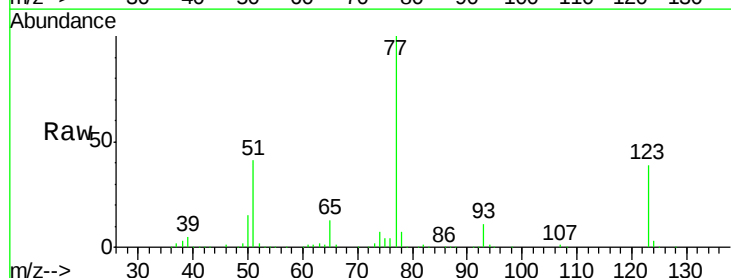
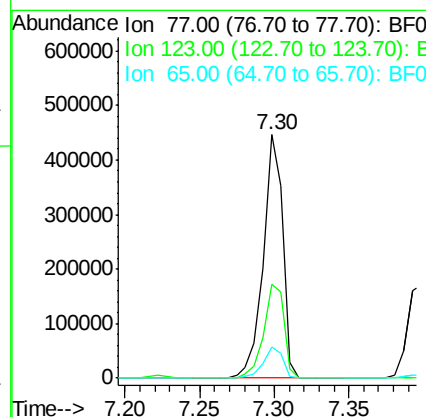
Manual Integrations
 APPROVED

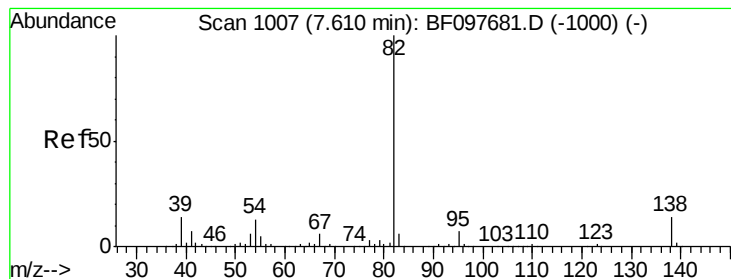
mohammad
 9/5/2017 4:54:58 PM



#24
 Nitrobenzene
 Concen: 41.205 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 39.055 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

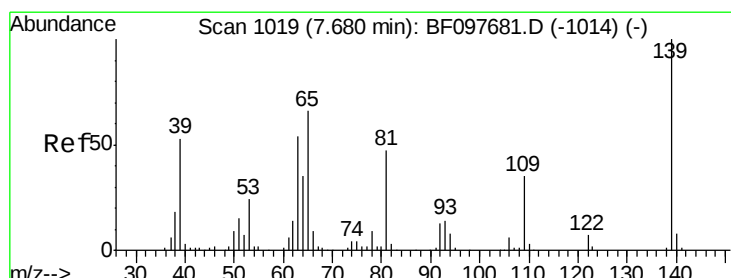
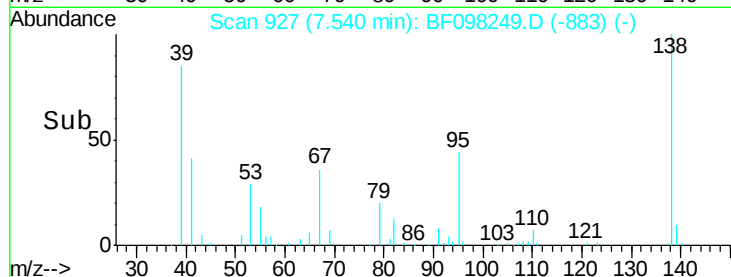
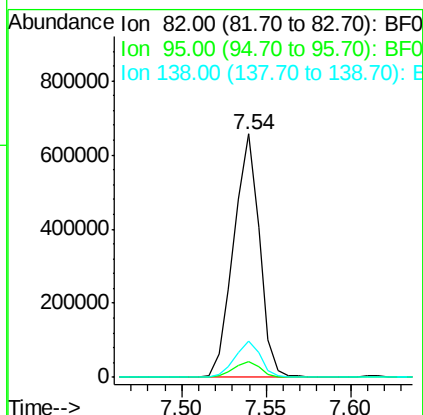
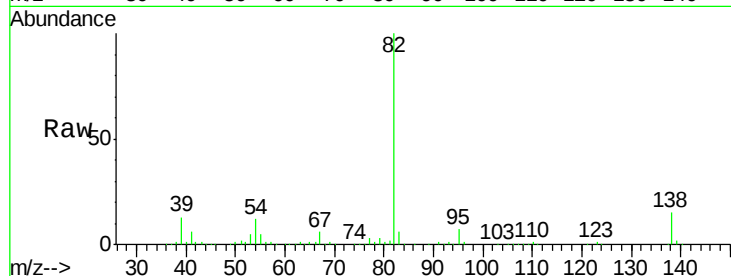
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	82	Resp:	700277
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	15.1	13.1	19.7

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#26

2-Nitrophenol

Concen: 48.011 ng

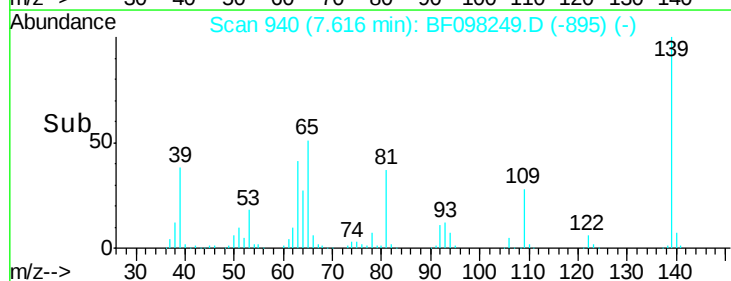
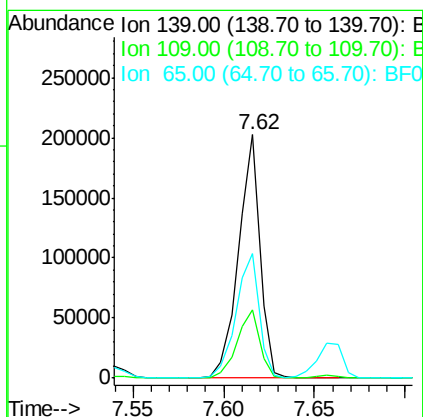
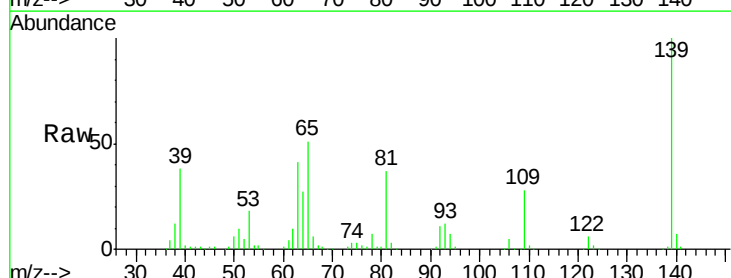
RT: 7.62 min Scan# 940

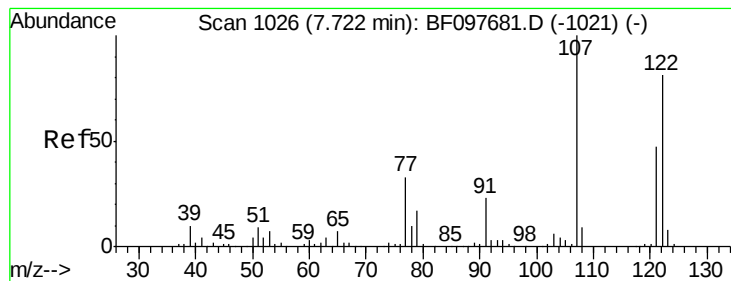
Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	139	Resp:	167012
Ion Ratio		Lower	Upper
139	100		
109	28.3	21.0	31.6
65	51.4	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 38.088 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

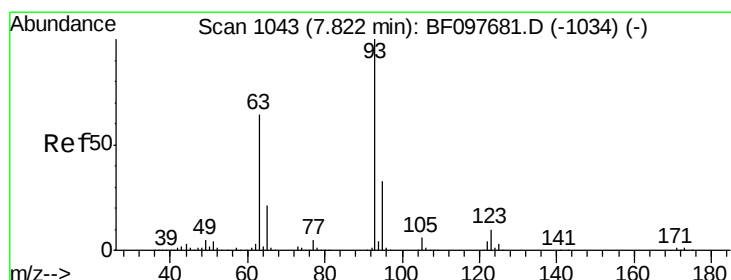
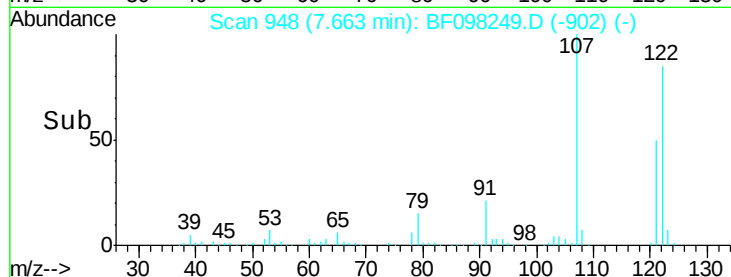
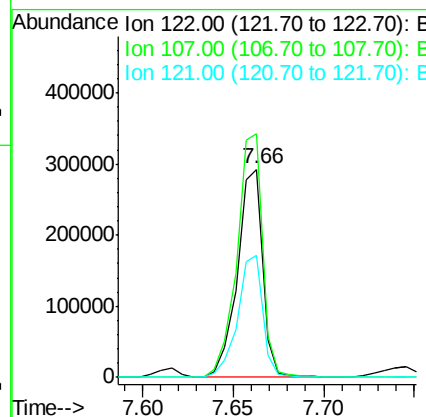
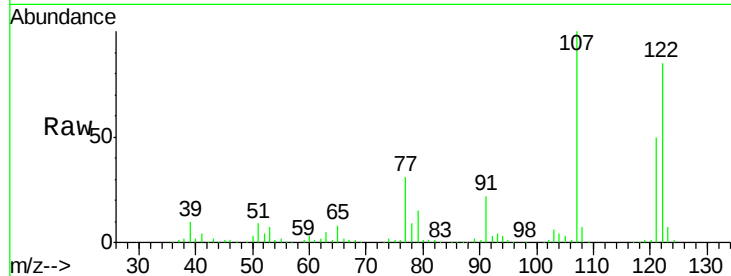
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	122	Resp:	284829
Ion Ratio	Lower	Upper	
122	100		
107	117.0	89.2	133.8
121	58.6	45.2	67.8

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.823 ng

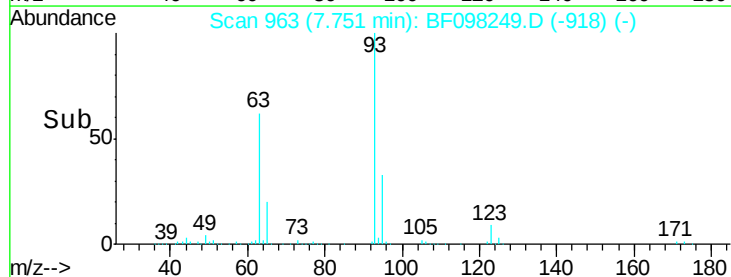
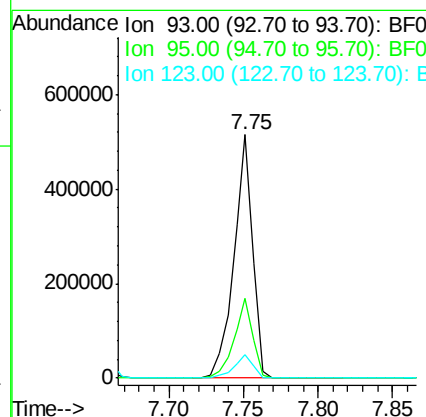
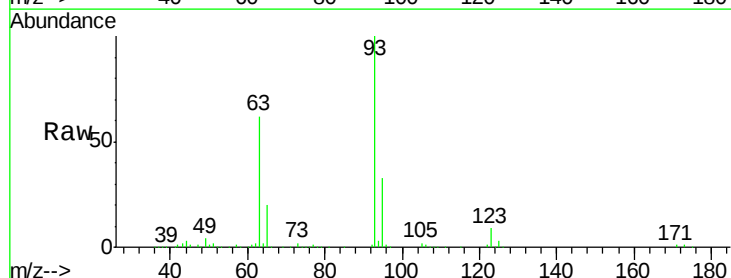
RT: 7.75 min Scan# 963

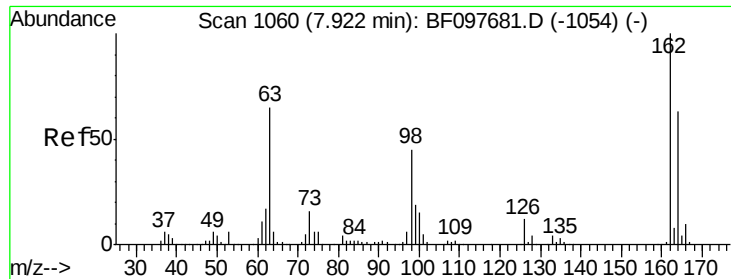
Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	93	Resp:	457651
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	9.5	9.0	13.4





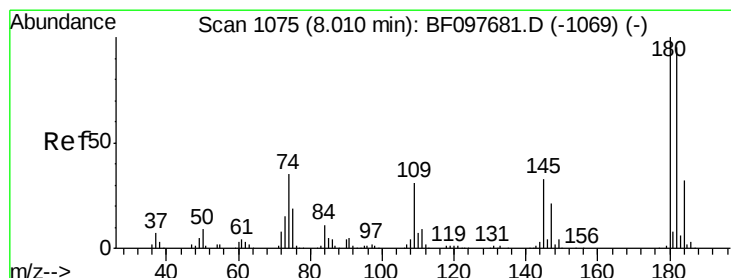
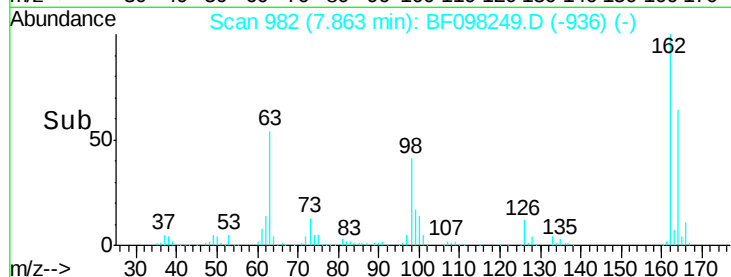
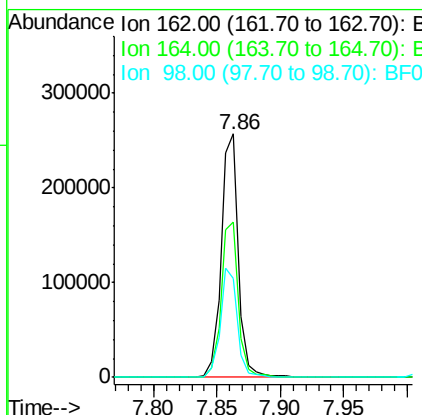
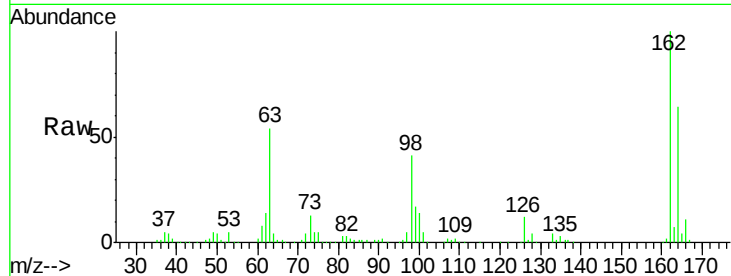
#29
 2,4-Dichlorophenol
 Concen: 39.086 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.03 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion:	162	Resp:	242625
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	40.9	14.8	54.8

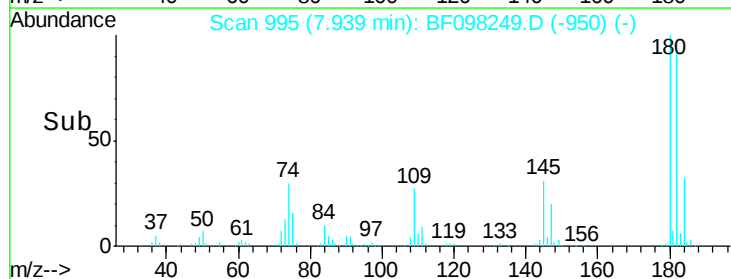
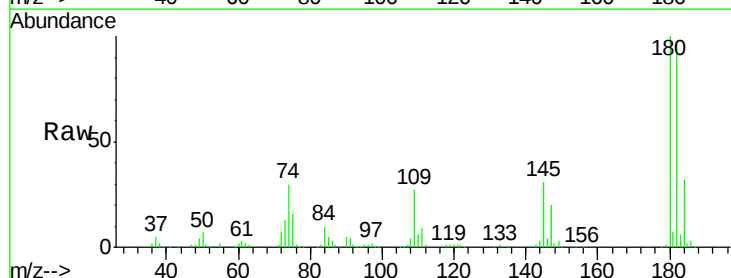
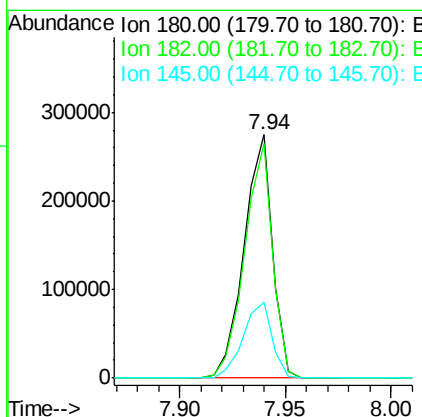
Manual Integrations
 APPROVED

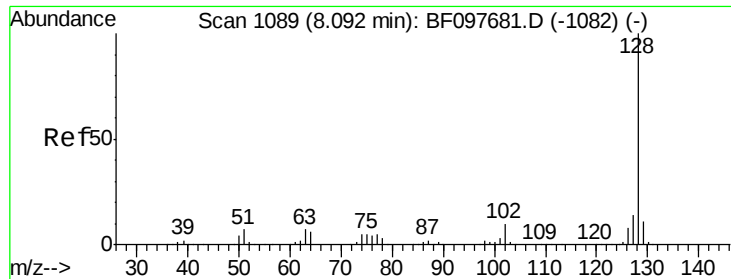
mohammad
 9/5/2017 4:54:58 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.263 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion:	180	Resp:	256425
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.8	113.6
145	31.1	25.3	37.9





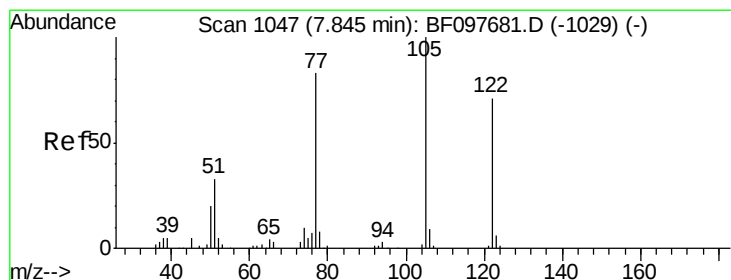
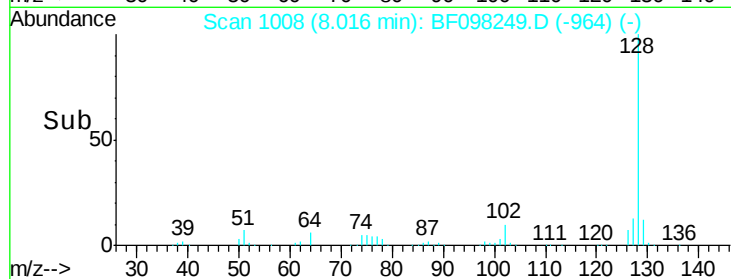
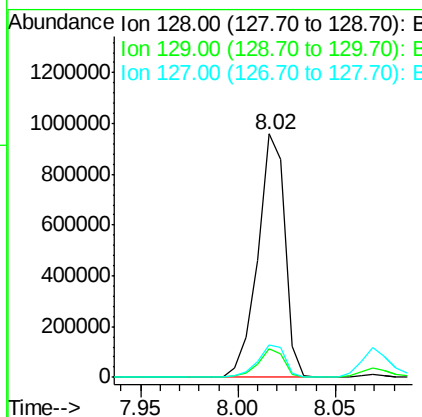
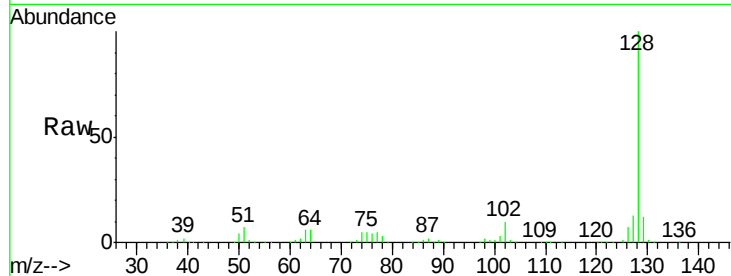
#31
Naphthalene
Concen: 37.904 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	921818		
129	11.6	9.0	13.6	
127	13.5	10.8	16.2	

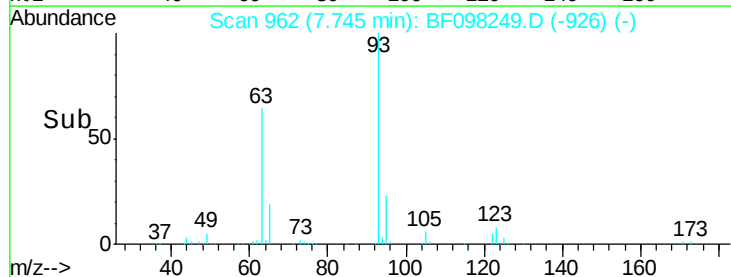
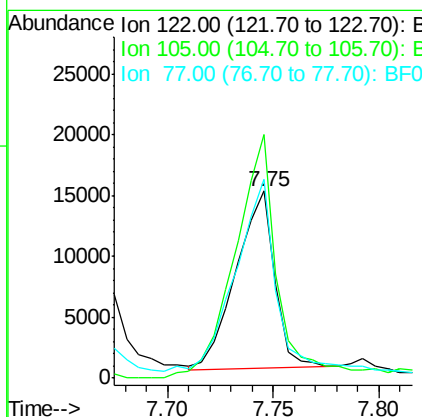
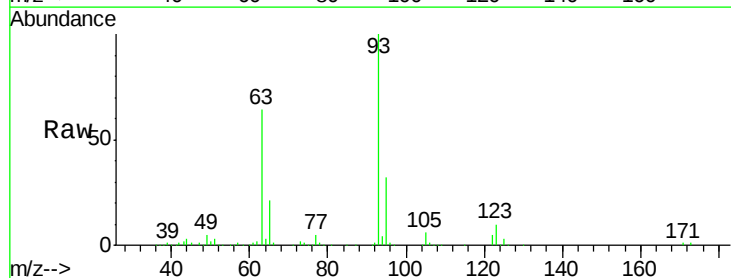
Manual Integrations
APPROVED

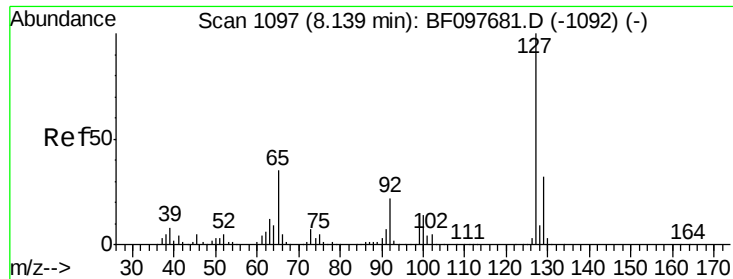
mohammad
9/5/2017 4:54:58 PM



#32
Benzoic acid
Concen: 9.383 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18727		
105	130.2	103.3	143.3	
77	106.1	73.7	113.7	





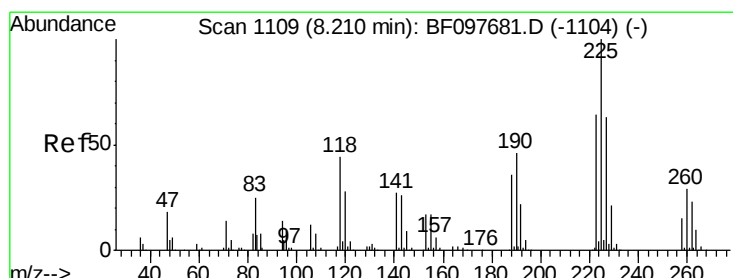
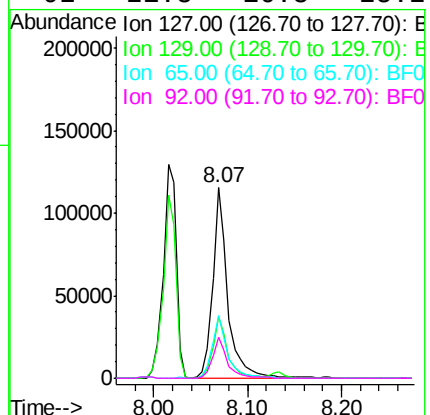
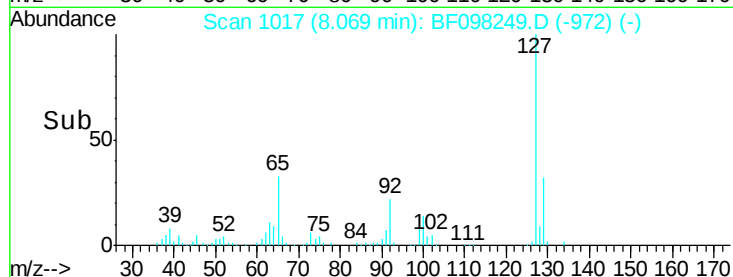
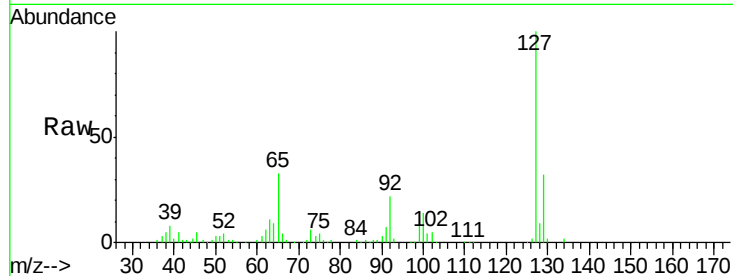
#33
4-Chloroaniline
Concen: 12.782 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	131094		
129	32.3	26.2	39.2	
65	33.1	27.8	41.8	
92	21.8	16.8	25.2	

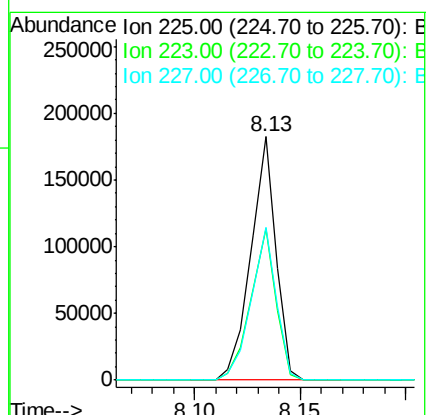
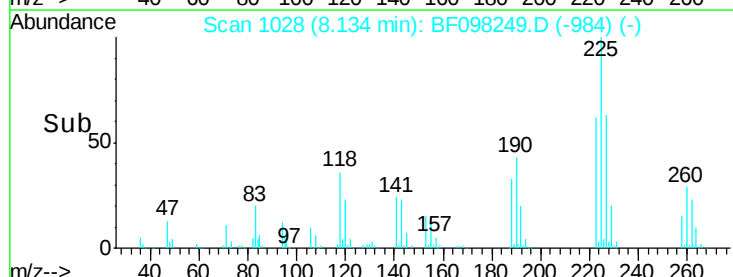
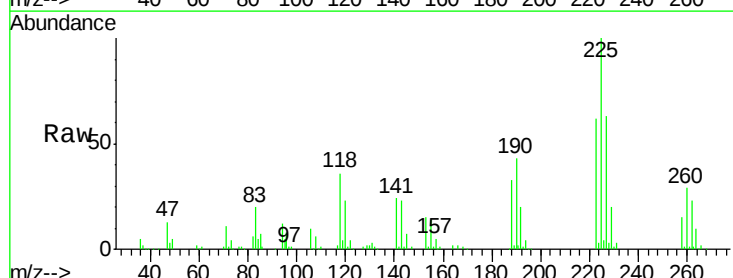
Manual Integrations
APPROVED

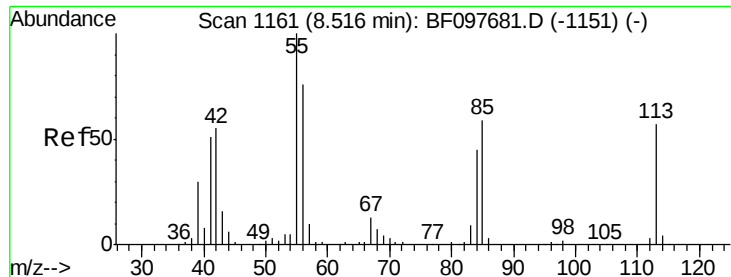
mohammad
9/5/2017 4:54:58 PM



#34
Hexachlorobutadiene
Concen: 37.731 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151599		
223	62.3	48.8	73.2	
227	62.8	51.1	76.7	





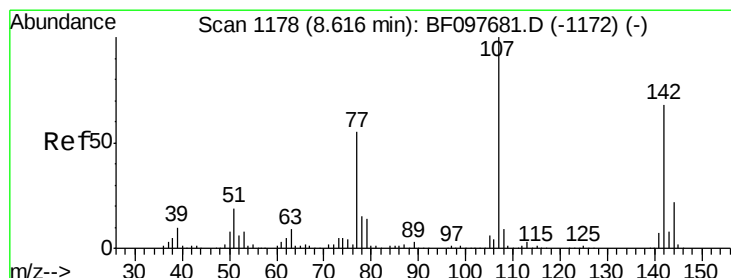
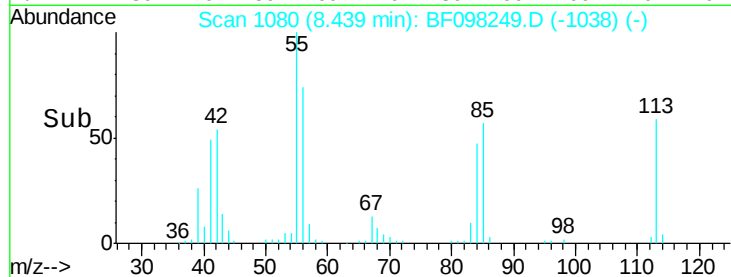
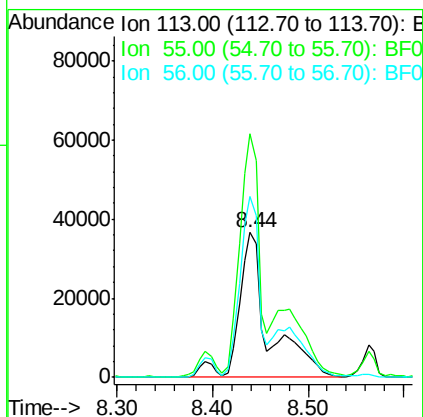
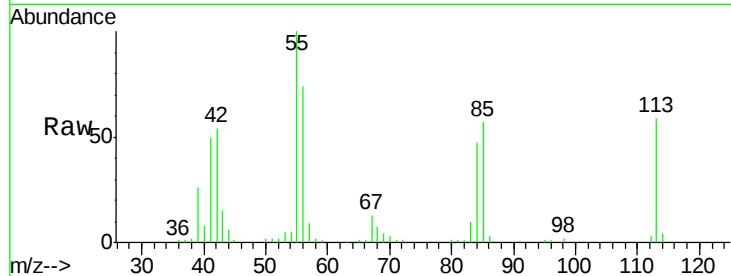
#35
 Caprolactam
 Concen: 37.992 ng m
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.05 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion:113 Resp: 80176
 Ion Ratio Lower Upper
 113 100
 55 168.3 150.2 190.2
 56 125.0 107.8 147.8

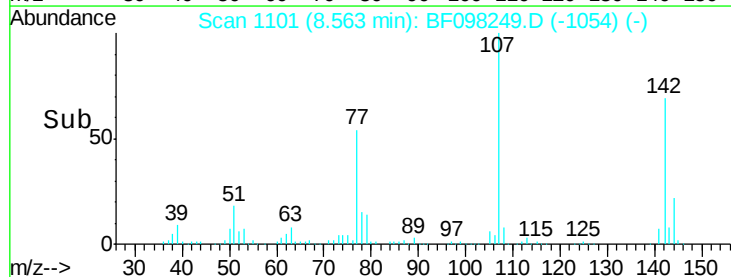
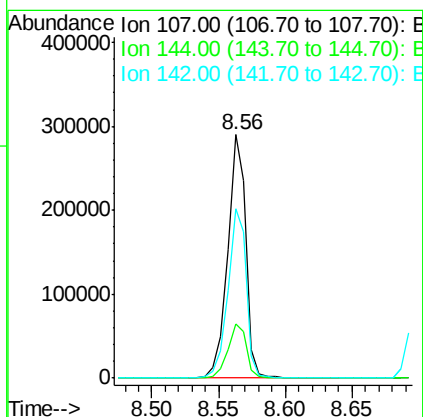
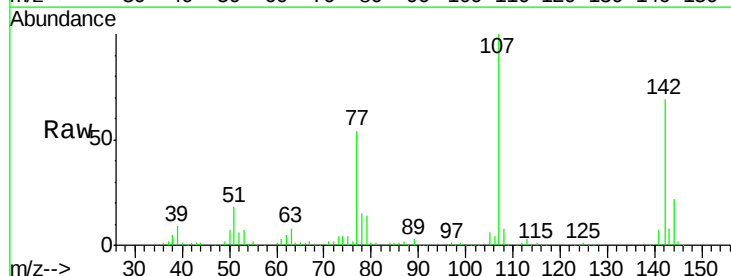
Manual Integrations
 APPROVED

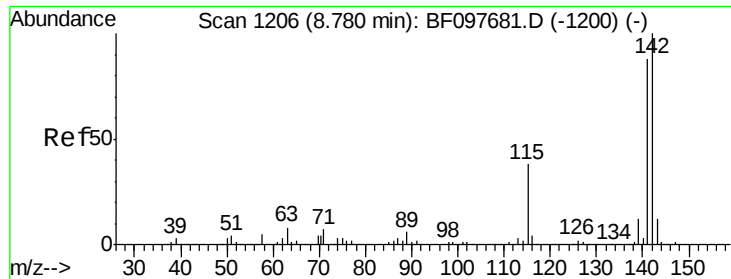
mohammad
 9/5/2017 4:54:58 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.925 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion:107 Resp: 278545
 Ion Ratio Lower Upper
 107 100
 144 22.2 24.2 36.4#
 142 69.5 73.4 110.0#





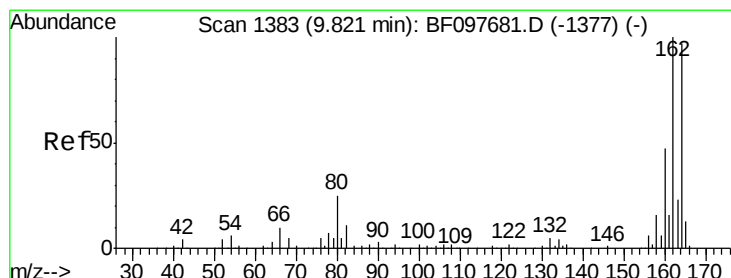
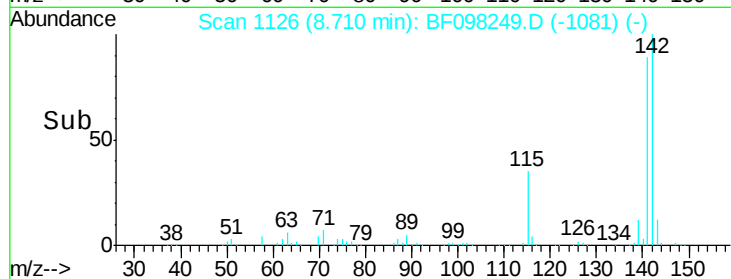
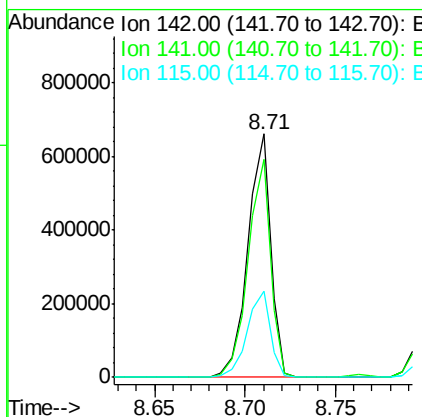
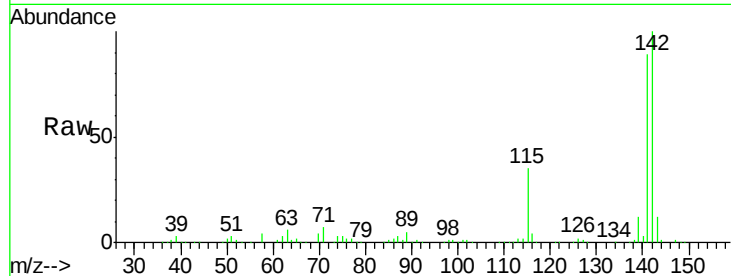
#37
 2-Methylnaphthalene
 Concen: 38.853 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	35.2	27.1	40.7

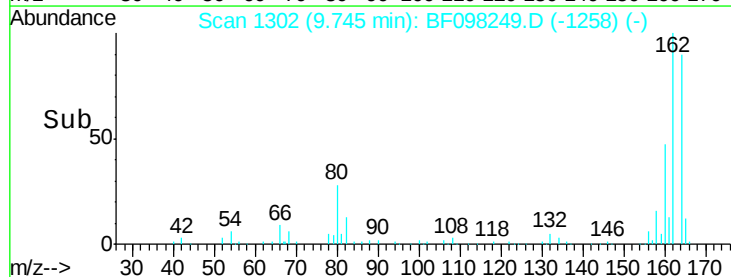
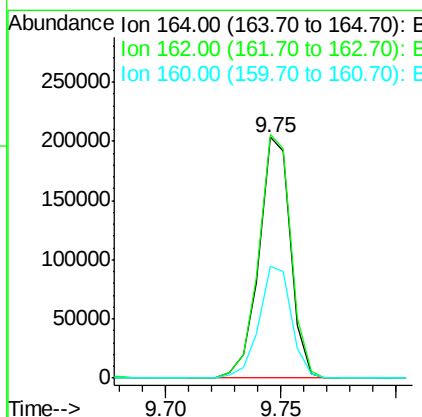
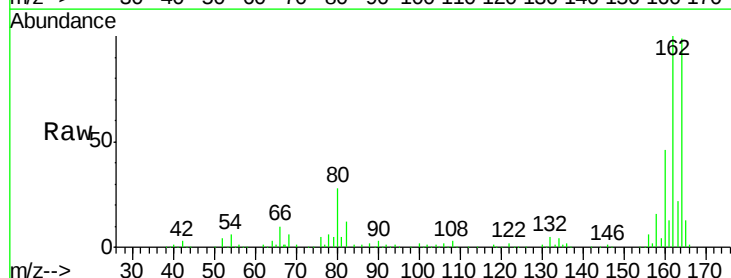
Manual Integrations
 APPROVED

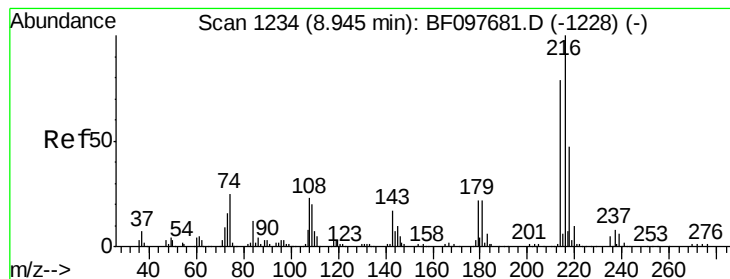
mohammad
 9/5/2017 4:54:58 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	46.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.919 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BF098249.D

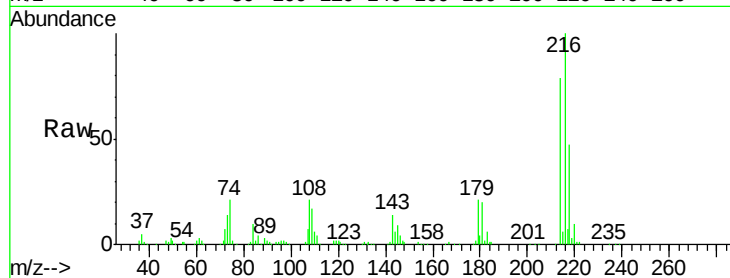
Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD



Tgt Ion: 216 Resp: 230869

Ion Ratio Lower Upper

216 100

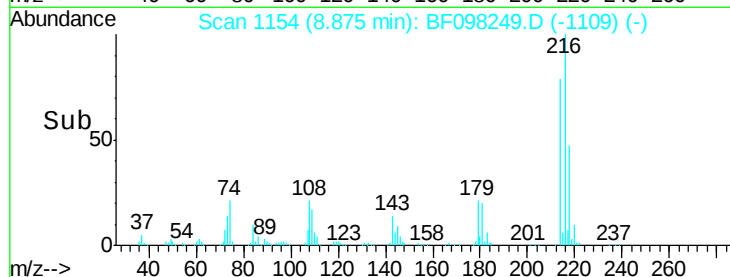
214 78.8 63.4 95.2

179 21.4 17.9 26.9

108 23.9 16.5 24.7

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM

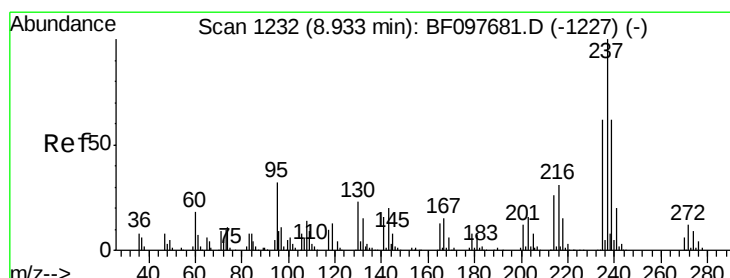
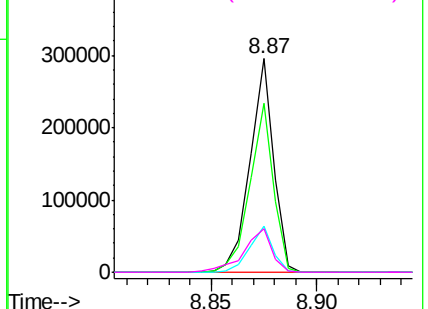


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.964 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

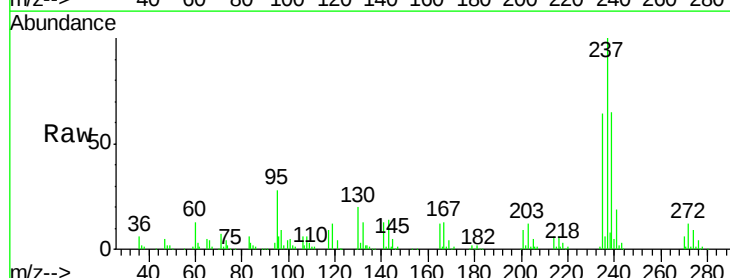
Tgt Ion: 237 Resp: 145236

Ion Ratio Lower Upper

237 100

235 63.8 42.6 82.6

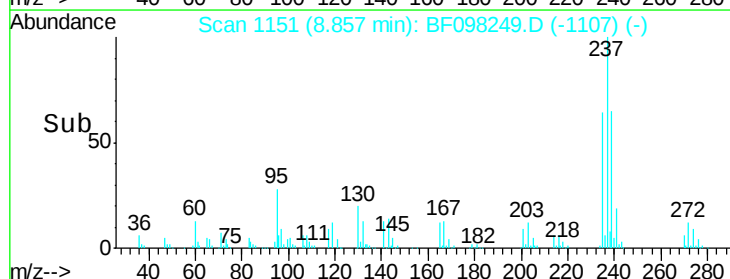
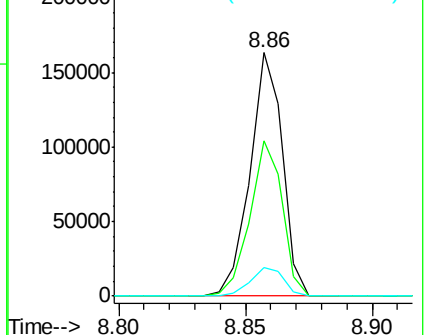
272 11.8 0.0 31.9

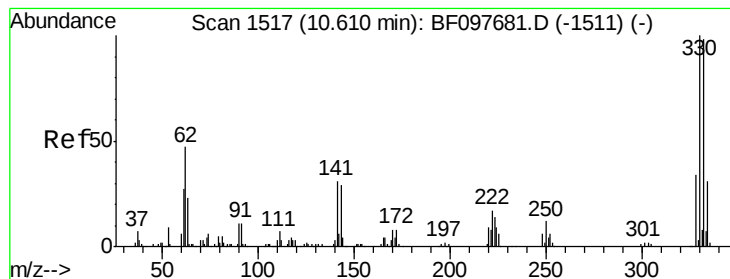


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





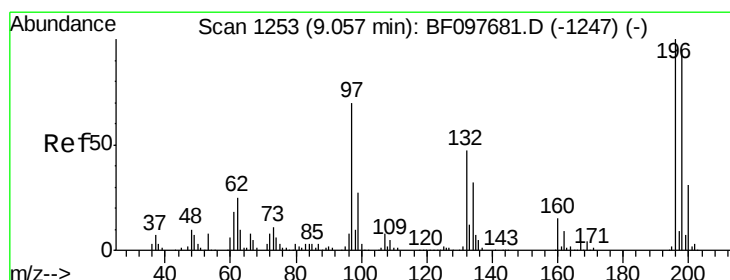
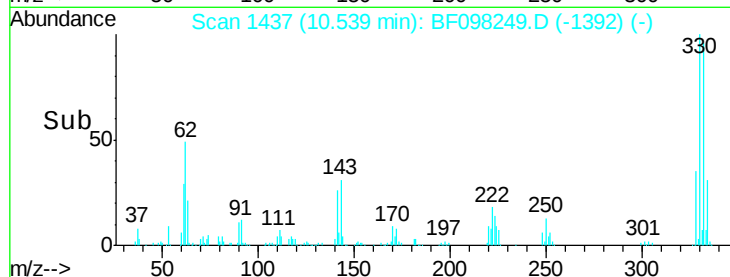
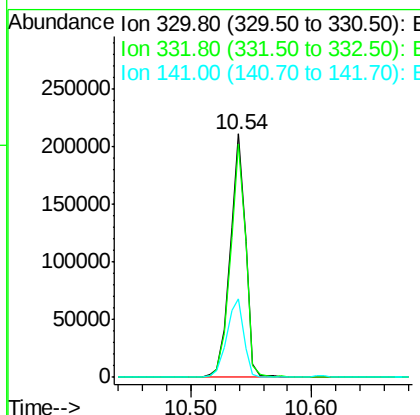
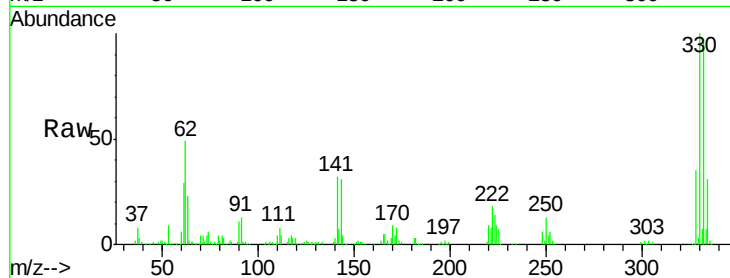
#41
 2,4,6-Tribromophenol
 Concen: 112.108 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	188017		
332	95.2	76.6	115.0	
141	35.7	31.4	47.2	

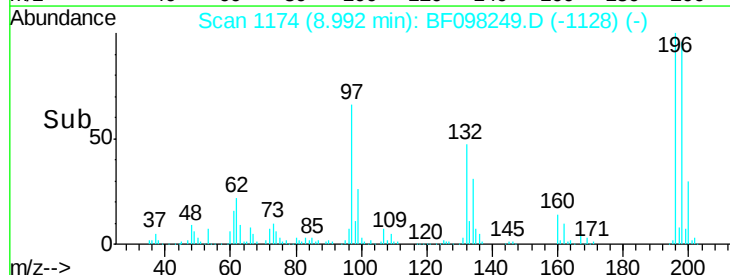
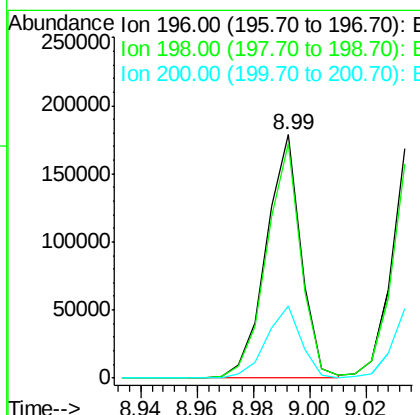
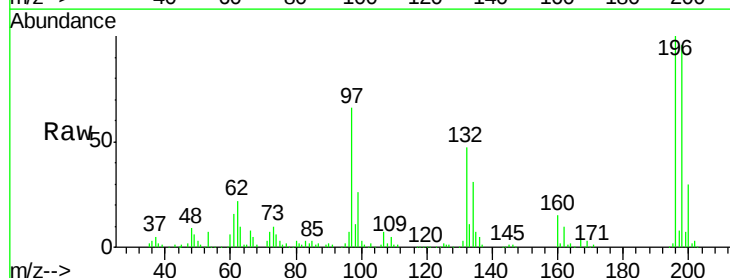
Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:54:58 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.375 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

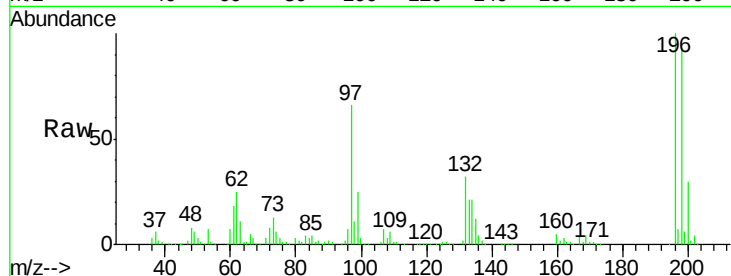
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152832		
198	96.5	74.2	111.4	
200	29.7	24.0	36.0	





#43
 2,4,5-Trichlorophenol
 Concen: 38.447 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

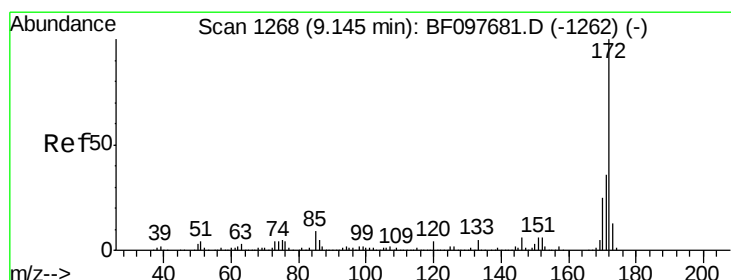
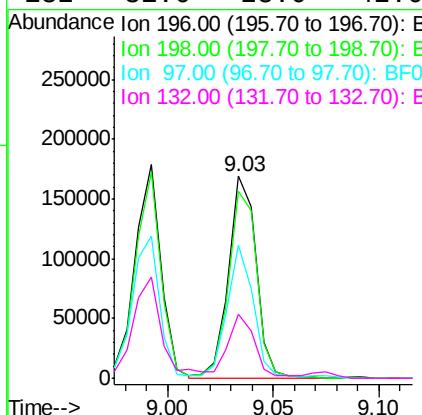
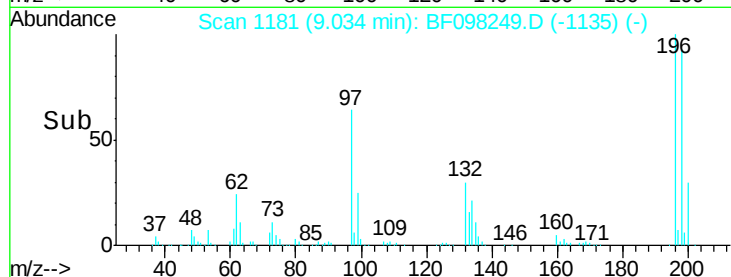
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD



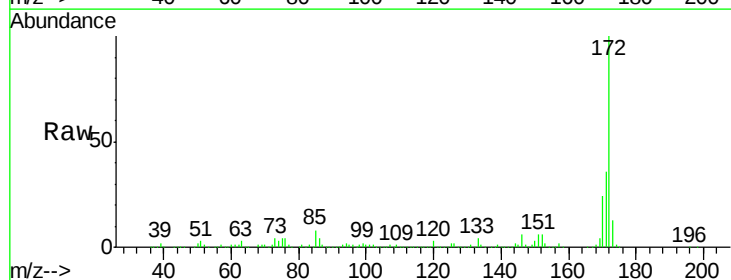
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151906		
198	92.9	75.7	113.5	
97	66.2	47.7	71.5	
132	31.6	28.0	42.0	

Manual Integrations
 APPROVED

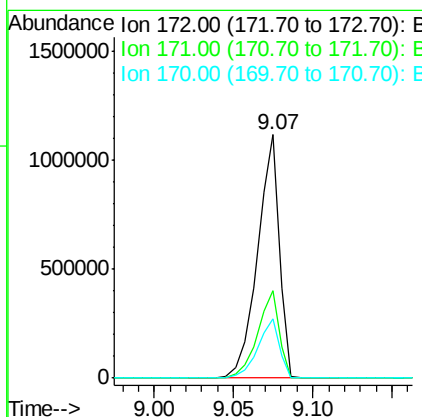
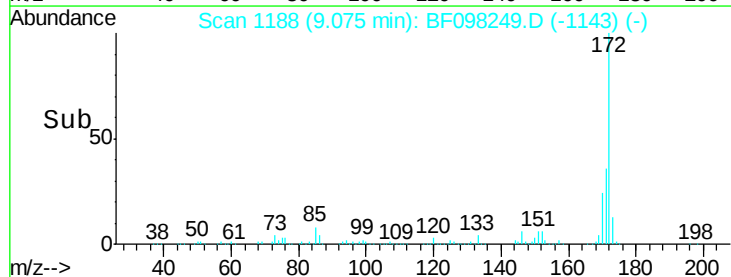
mohammad
 9/5/2017 4:54:58 PM



#44
 2-Fluorobiphenyl
 Concen: 81.108 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1067058		
171	36.2	29.6	44.4	
170	24.3	19.8	29.8	





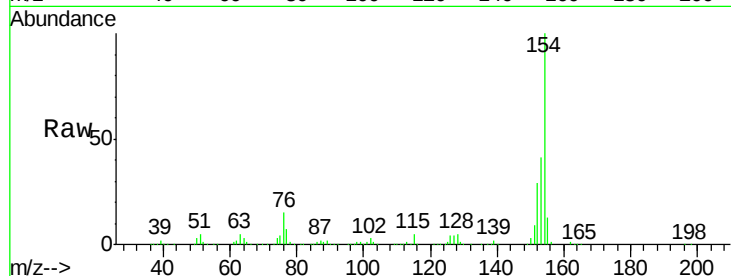
#45
 1,1'-Biphenyl
 Concen: 37.068 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

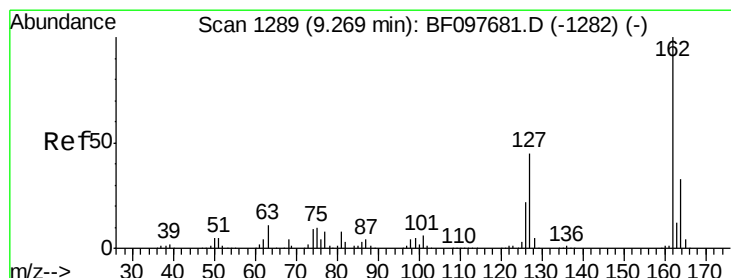
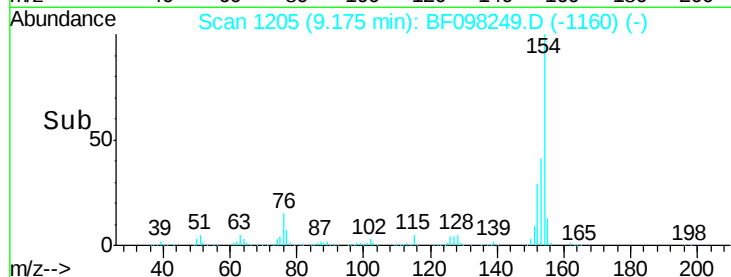
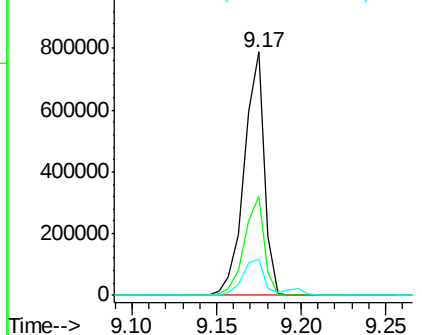
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	14.7	0.0	29.9

Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:54:58 PM



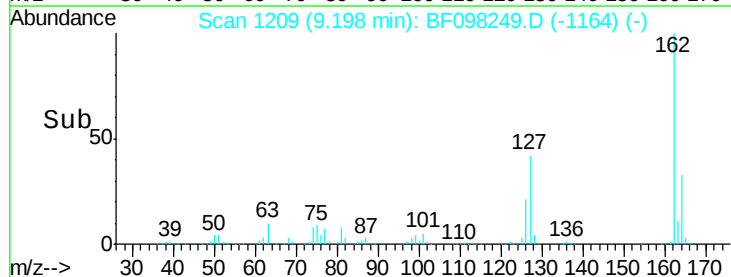
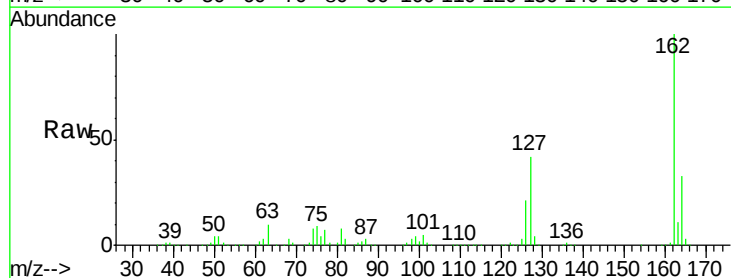
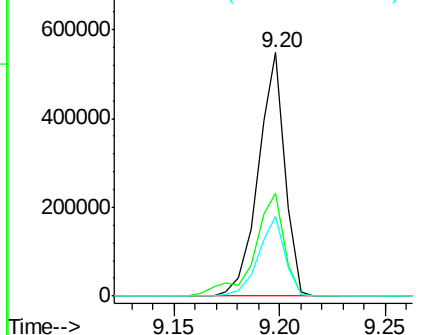
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

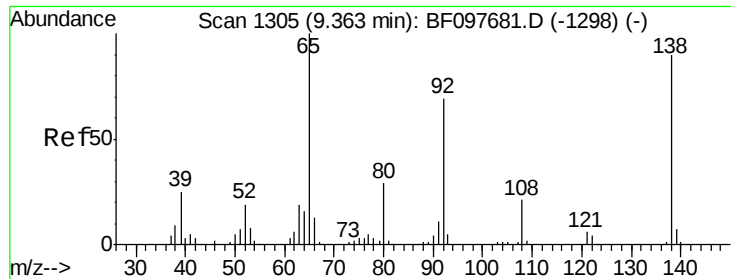


#46
 2-Chloronaphthalene
 Concen: 36.674 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	28.3	42.5
164	32.6	27.0	40.4

Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





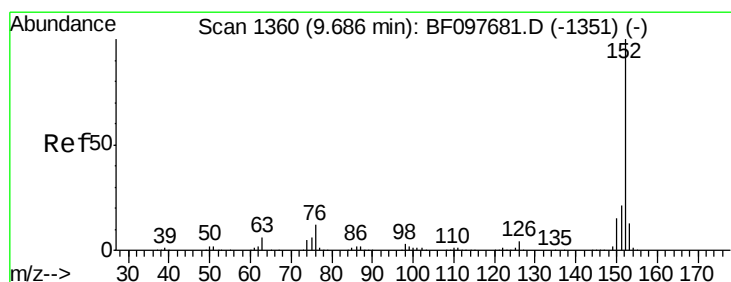
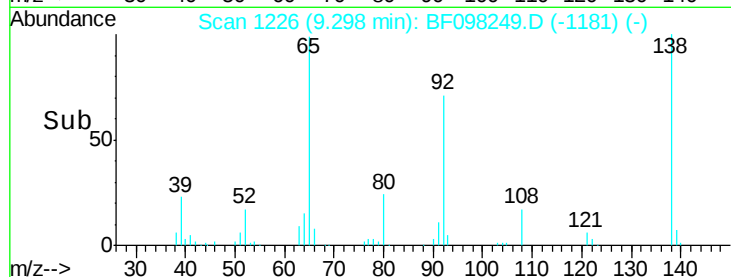
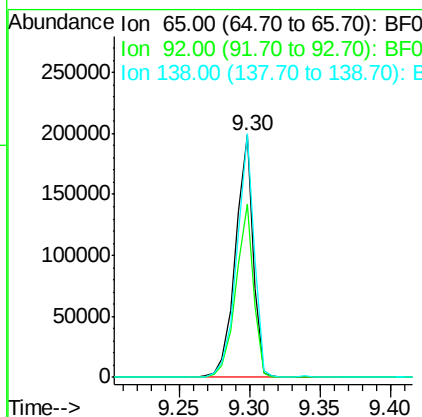
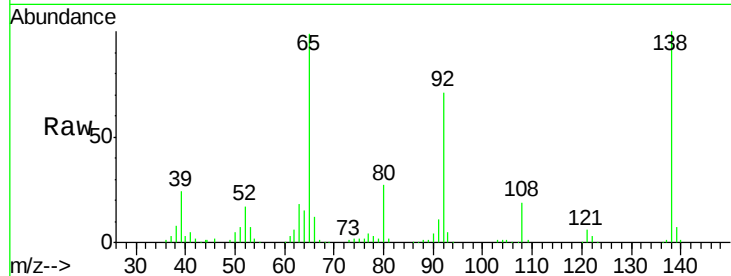
#47
2-Nitroaniline
Concen: 39.581 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	100.5	78.8	118.2

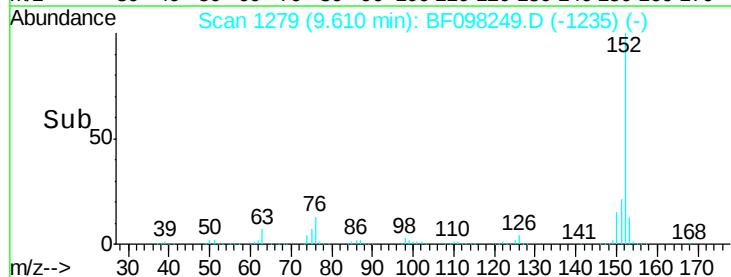
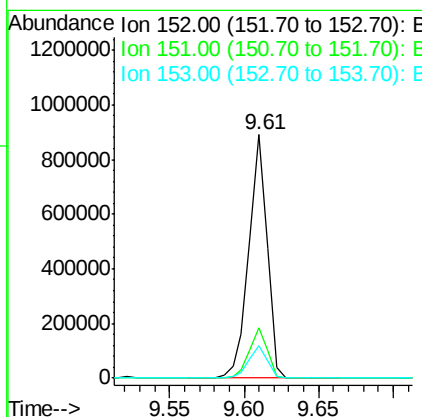
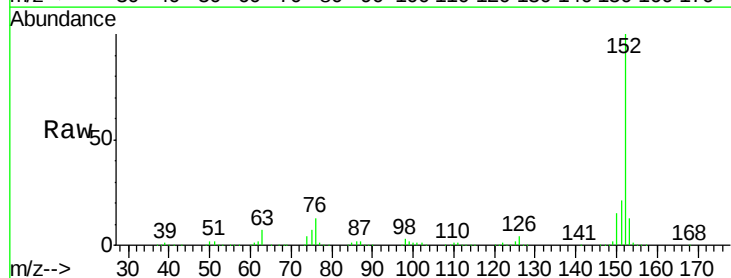
Manual Integrations
APPROVED

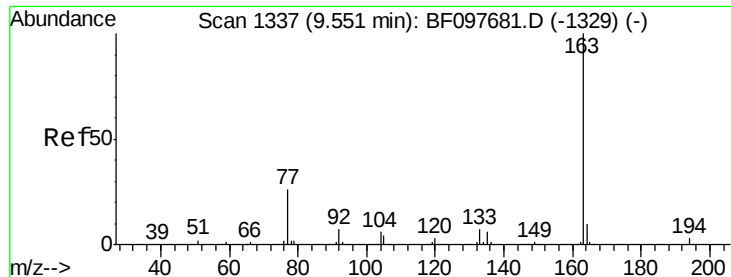
mohammad
9/5/2017 4:54:58 PM



#48
Acenaphthylene
Concen: 36.886 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.5	10.8	16.2





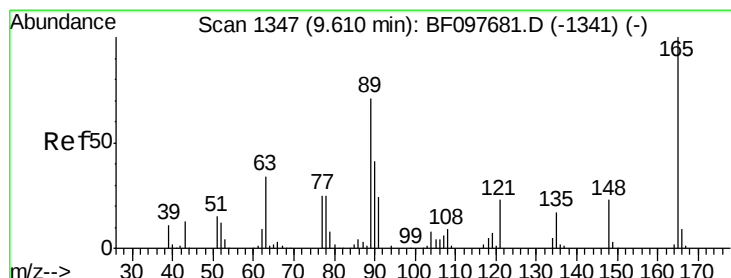
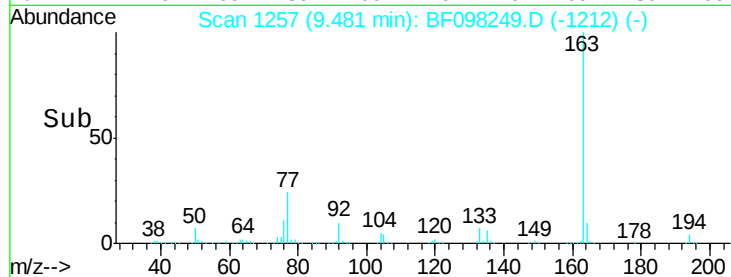
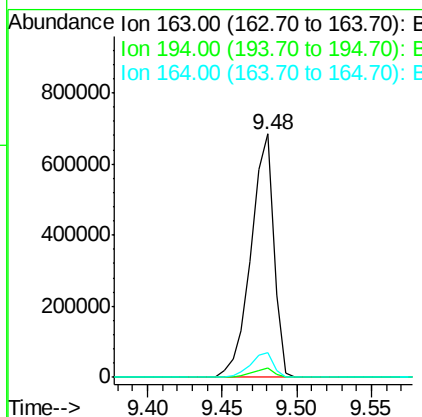
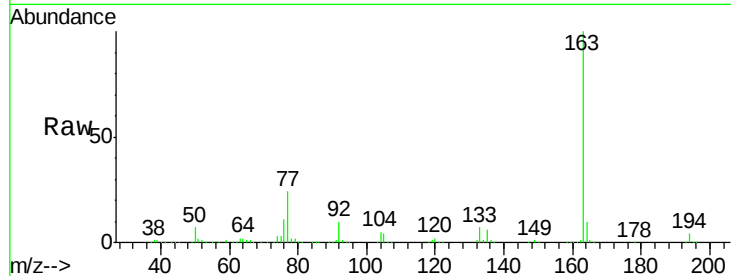
#49
Dimethylphthalate
Concen: 51.206 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	723491		
194	3.6		2.6	4.0
164	10.2		8.4	12.6

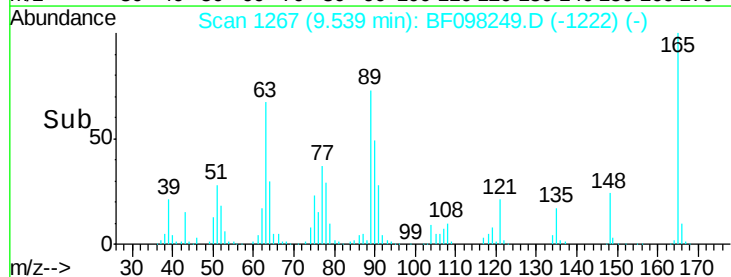
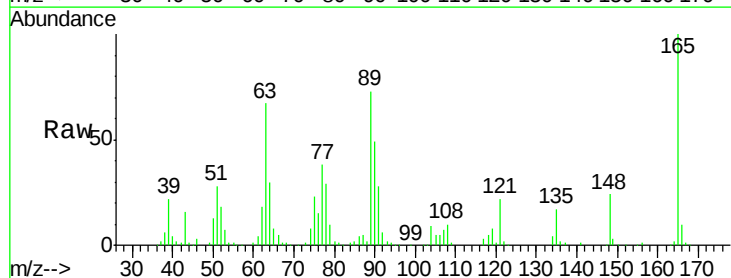
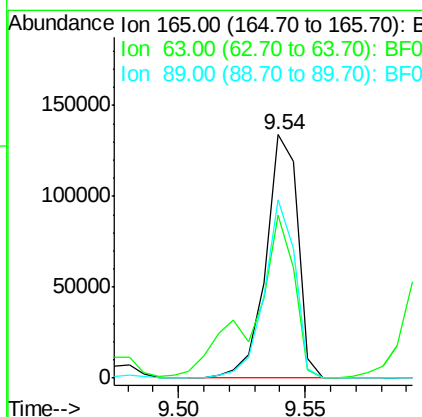
Manual Integrations
APPROVED

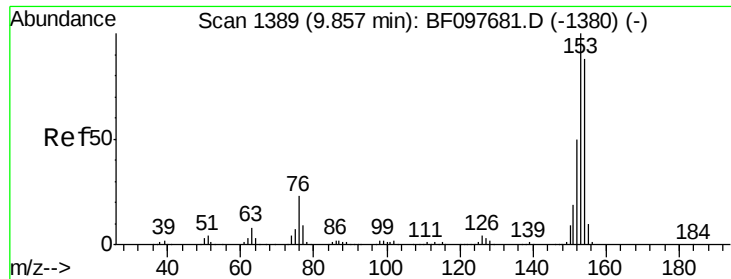
mohammad
9/5/2017 4:54:58 PM



#50
2,6-Dinitrotoluene
Concen: 41.987 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118415		
63	67.1		34.3	51.5#
89	73.3		37.1	55.7#





#51

Acenaphthene

Concen: 34.933 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.04 min

Lab File: BF098249.D

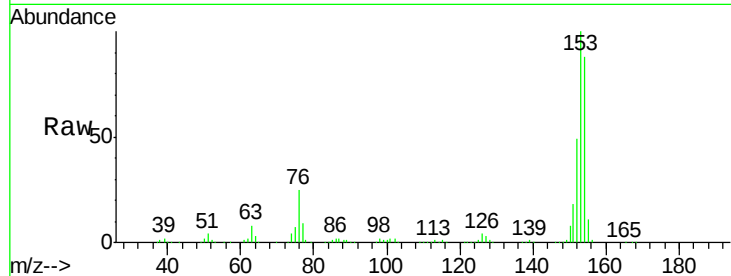
Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

ClientSampleId :

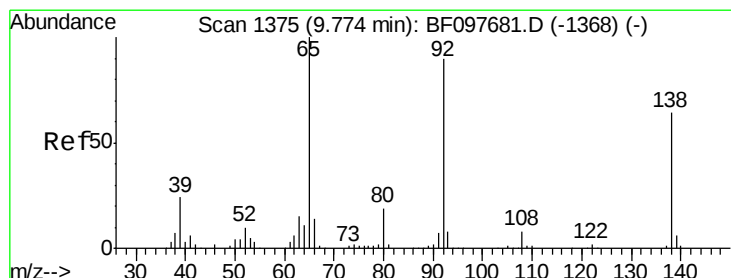
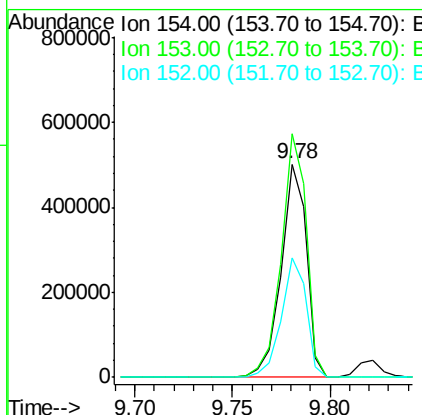
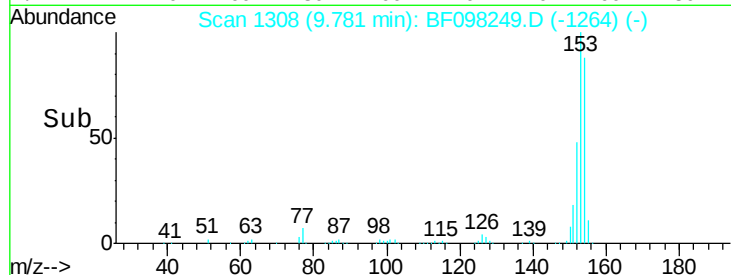
SB-14-COMPMSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	450591		
153	114.1	90.5	135.7	
152	56.1	43.6	65.4	

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#52

3-Nitroaniline

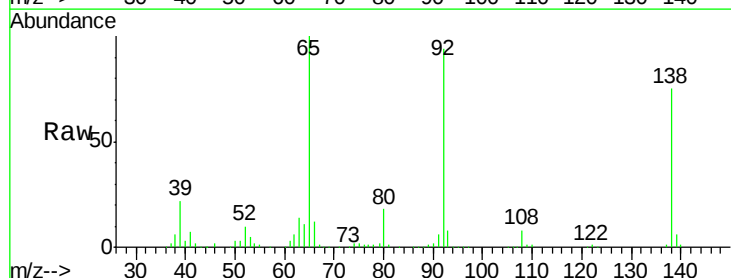
Concen: 26.105 ng

RT: 9.71 min Scan# 1296

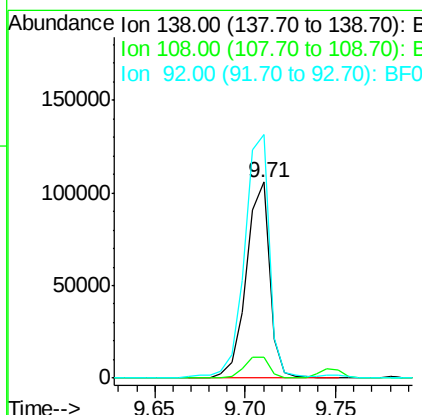
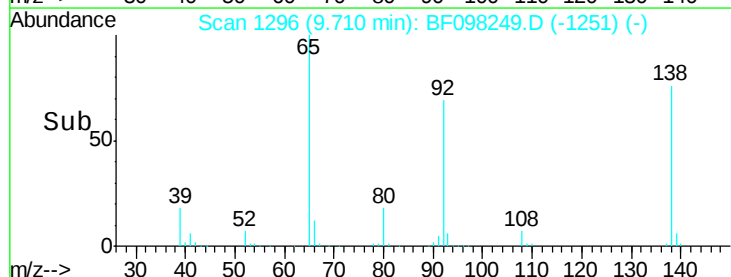
Delta R.T. -0.04 min

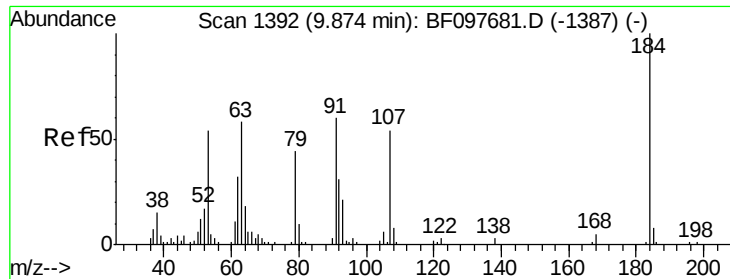
Lab File: BF098249.D

Acq: 2 Sep 2017 16:47



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	94988		
108	10.9	9.1	13.7	
92	124.4	93.8	140.6	





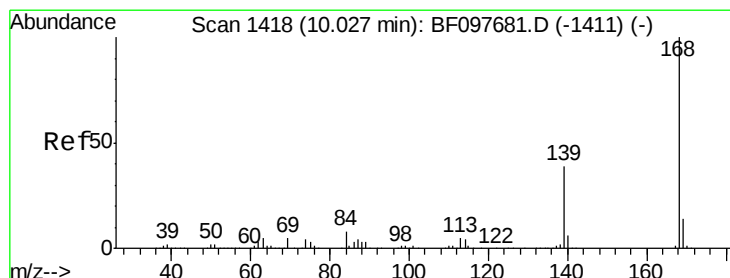
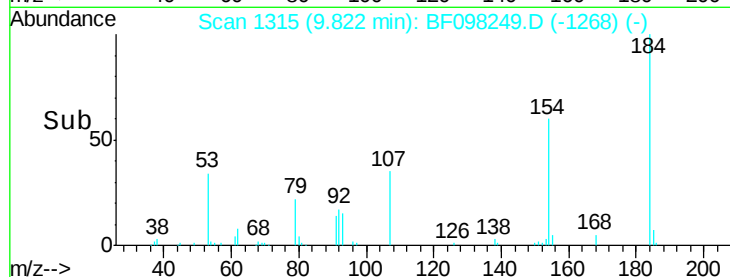
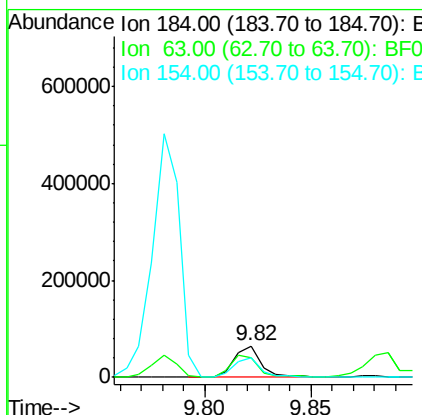
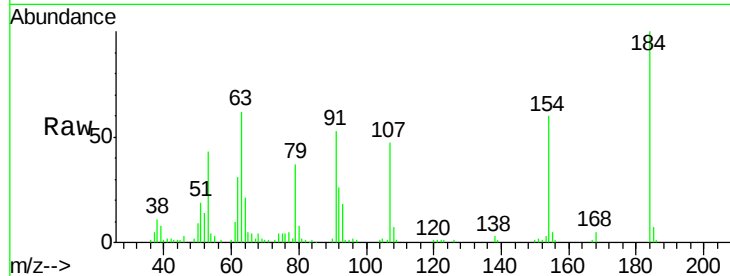
#53
 2,4-Dinitrophenol
 Concen: 47.952 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	58088		
63	62.1	62.7	94.1#	
154	60.3	81.1	121.7#	

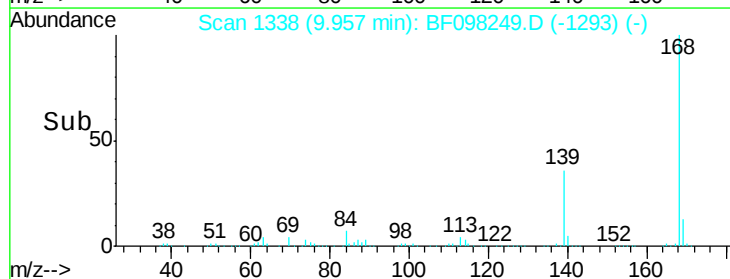
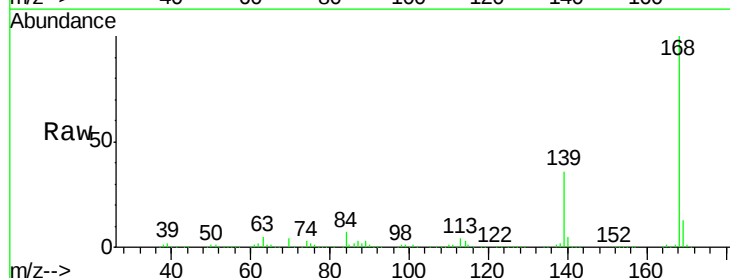
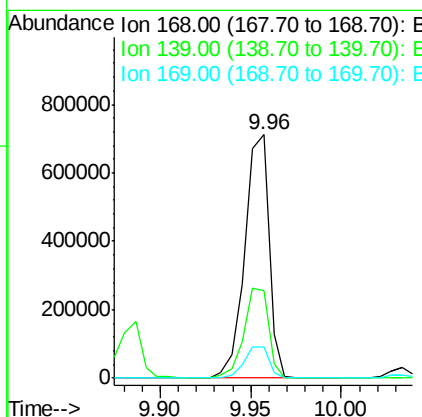
Manual Integrations
 APPROVED

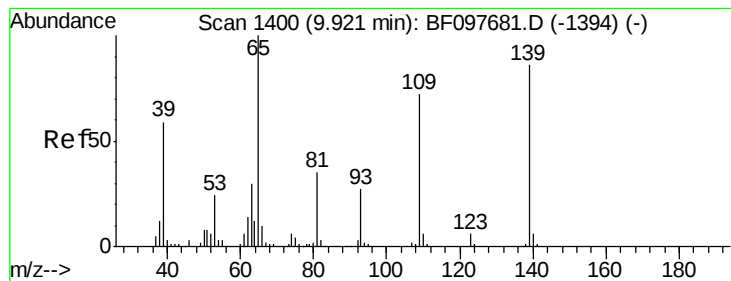
mohammad
 9/5/2017 4:54:58 PM



#54
 Dibenzofuran
 Concen: 38.460 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	664855		
139	35.9	30.6	45.8	
169	13.0	10.8	16.2	





#55

4-Nitrophenol

Concen: 51.422 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

Tgt Ion:139 Resp: 149259
Ion Ratio Lower Upper

139 100

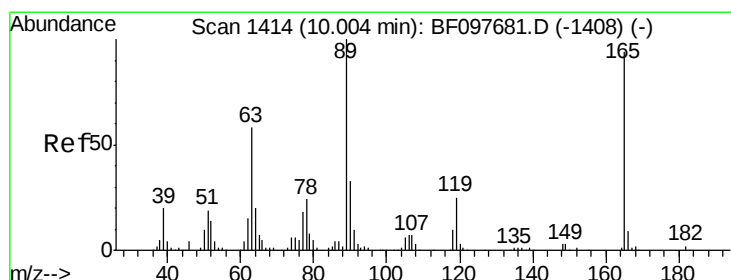
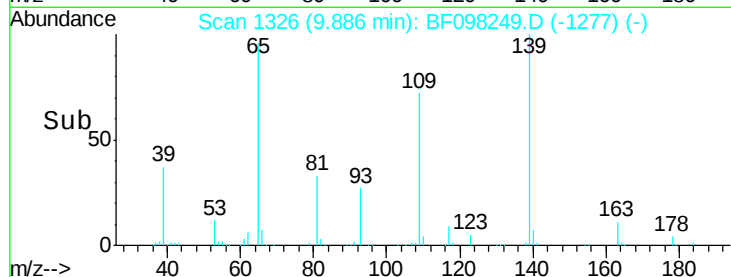
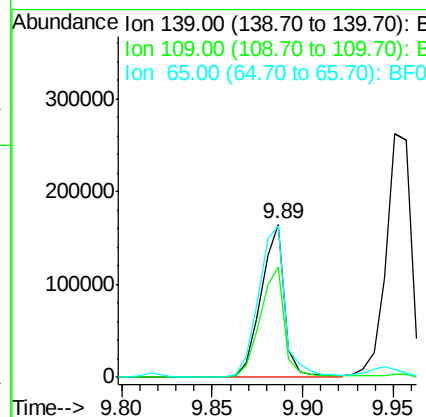
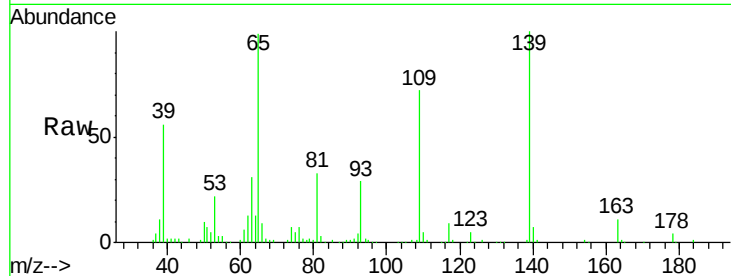
109 72.2 34.1 74.1

65 99.0 31.4 71.4#

Manual Integrations
APPROVED

mohammad

9/5/2017 4:54:58 PM



#56

2,4-Dinitrotoluene

Concen: 39.617 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

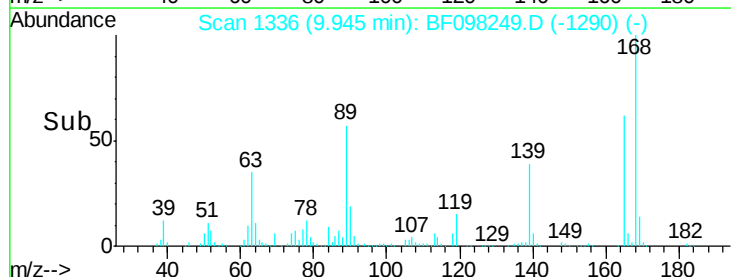
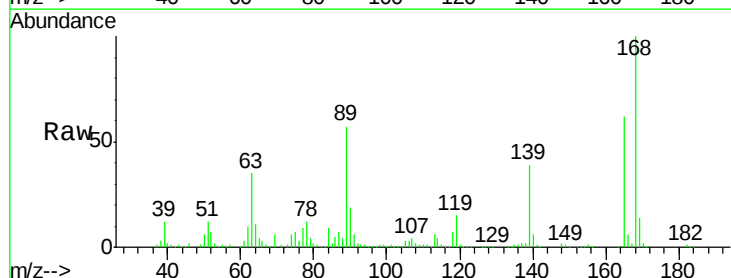
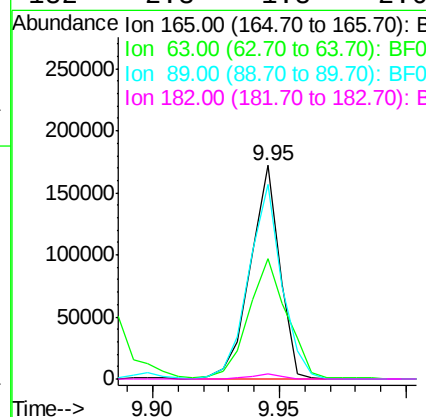
Tgt Ion:165 Resp: 140218
Ion Ratio Lower Upper

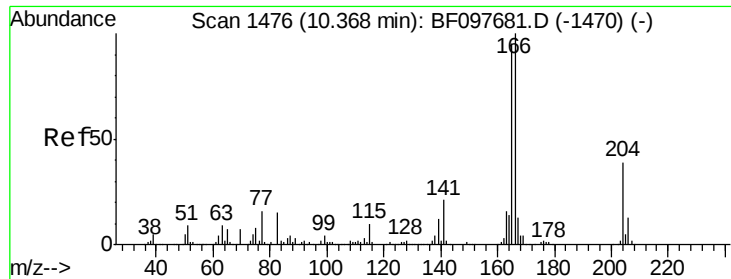
165 100

63 56.3 25.4 38.0#

89 91.2 46.4 69.6#

182 2.3 1.8 2.6





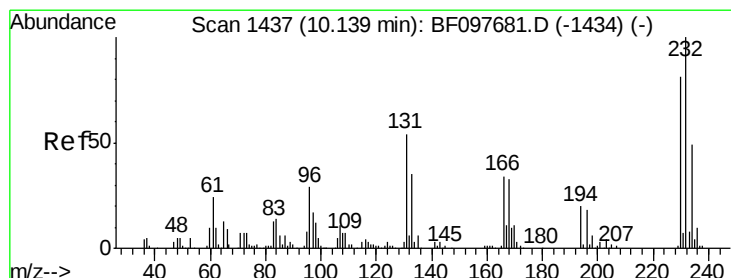
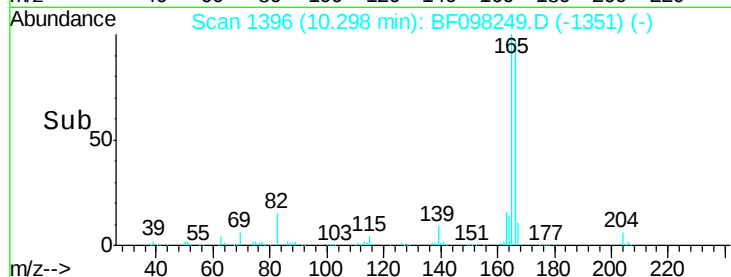
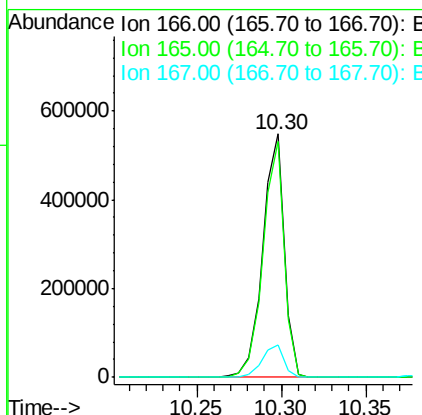
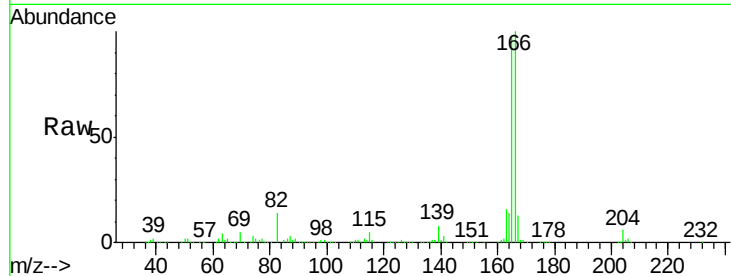
#57
Fluorene
 Concen: 36.255 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	484569		
165	96.7	78.8	118.2	
167	13.3	10.6	16.0	

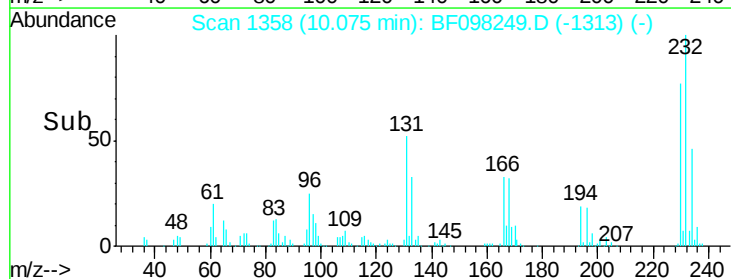
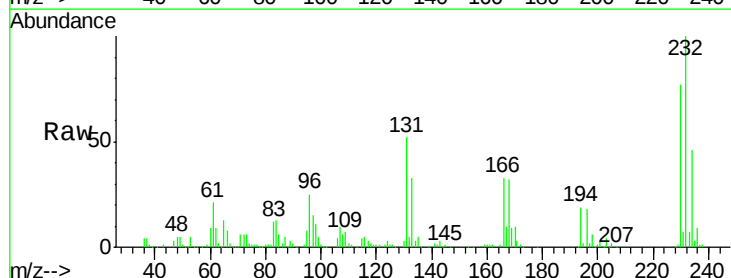
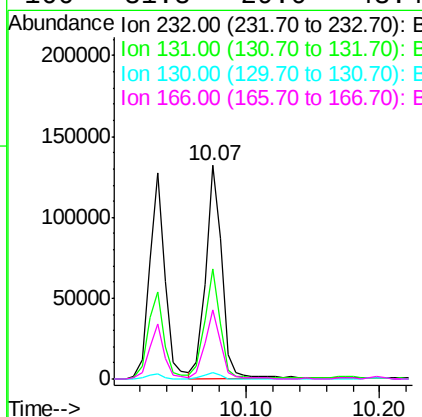
Manual Integrations
 APPROVED

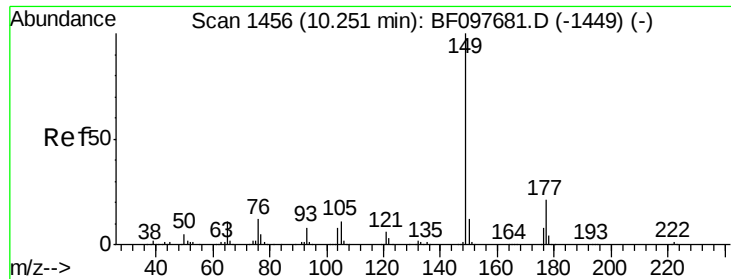
mohammad
 9/5/2017 4:54:58 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.643 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	112092		
131	51.0	44.8	67.2	
130	2.8	2.3	3.5	
166	31.8	29.0	43.4	





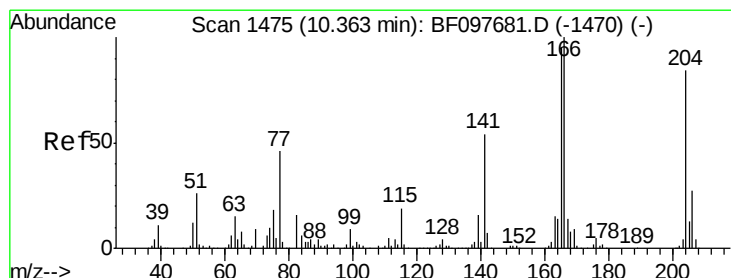
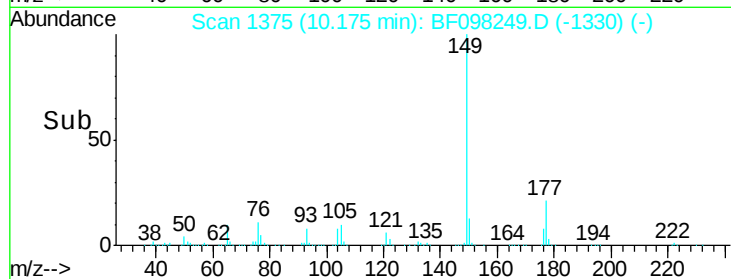
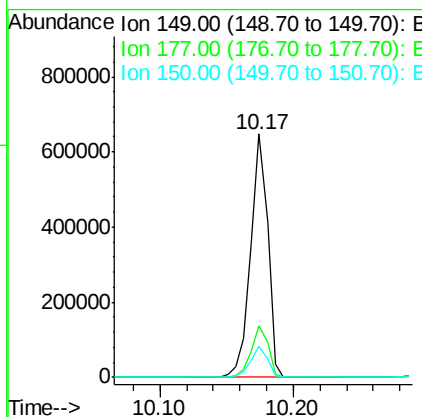
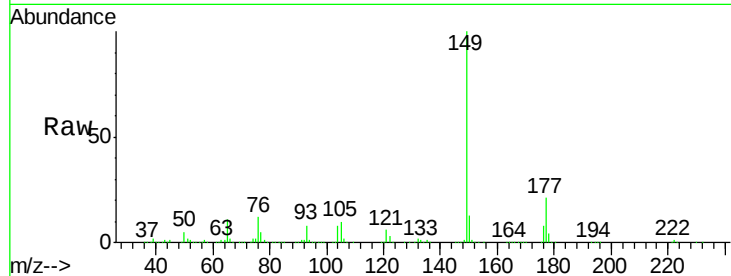
#59
Diethylphthalate
Concen: 38.163 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.7	10.2	15.2

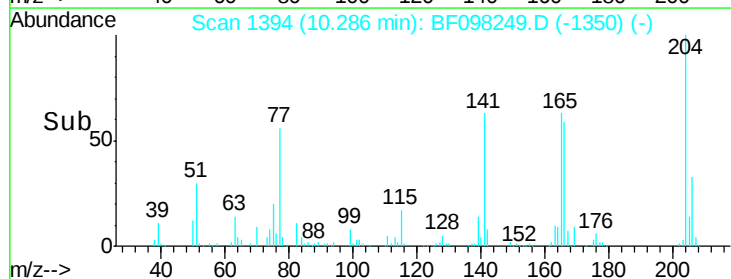
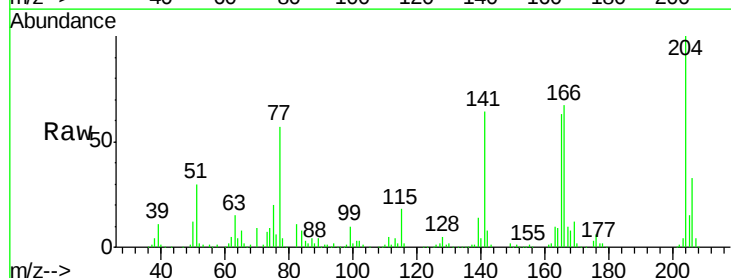
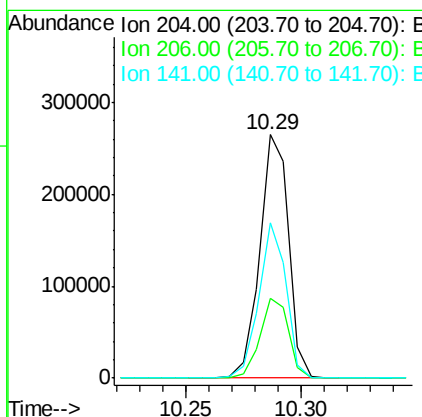
Manual Integrations
APPROVED

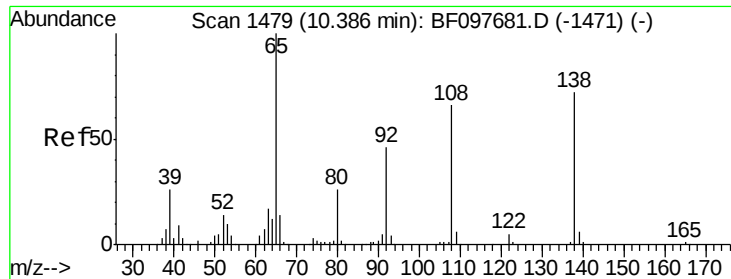
mohammad
9/5/2017 4:54:58 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.085 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	63.9	60.8	91.2





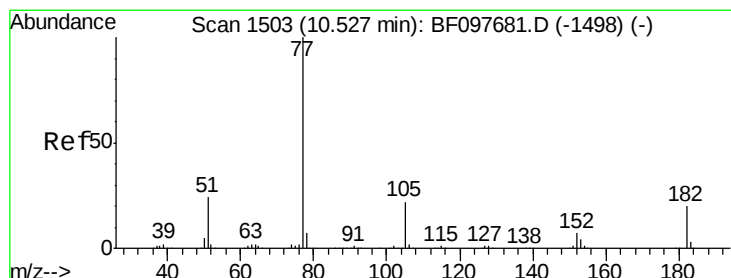
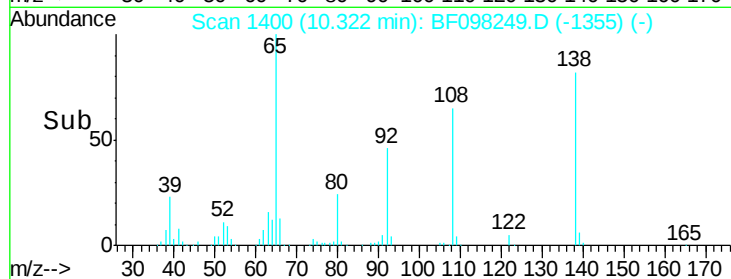
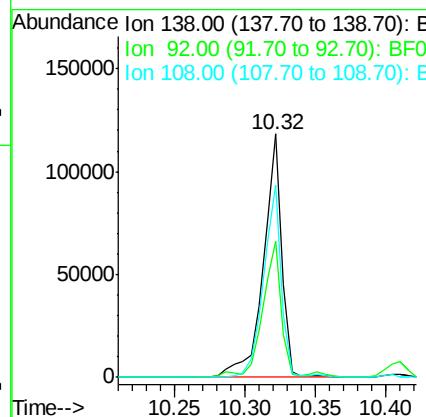
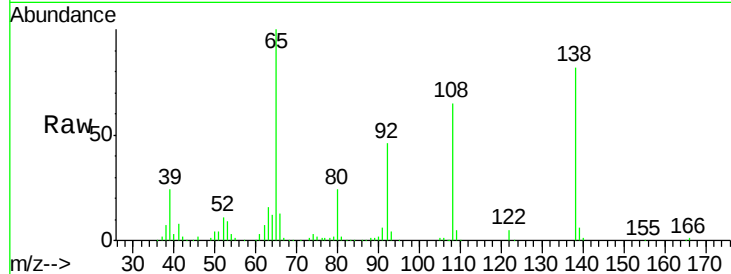
#61
4-Nitroaniline
Concen: 31.856 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.0	21.8	61.8
108	78.9	42.3	82.3

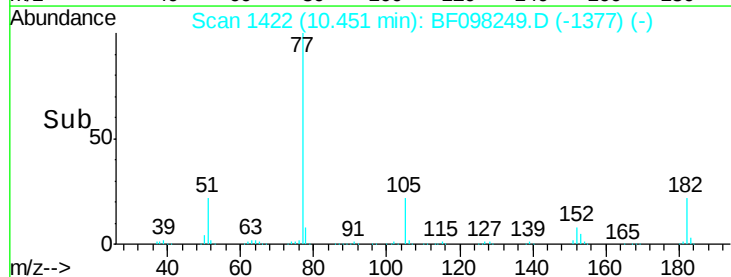
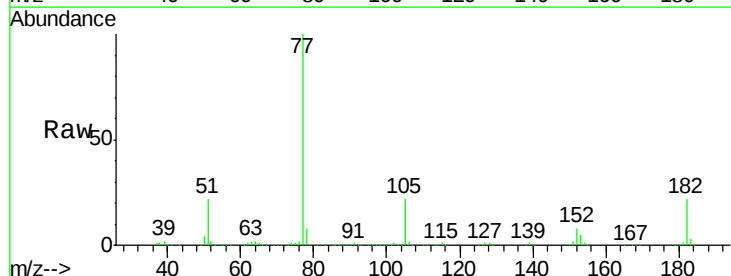
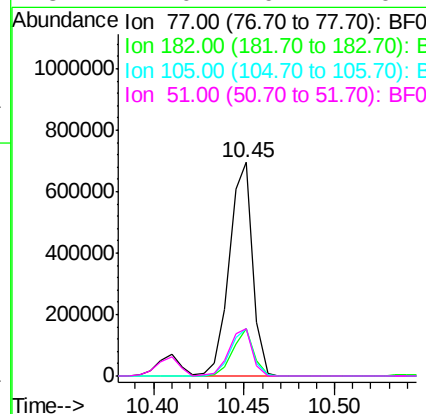
Manual Integrations
APPROVED

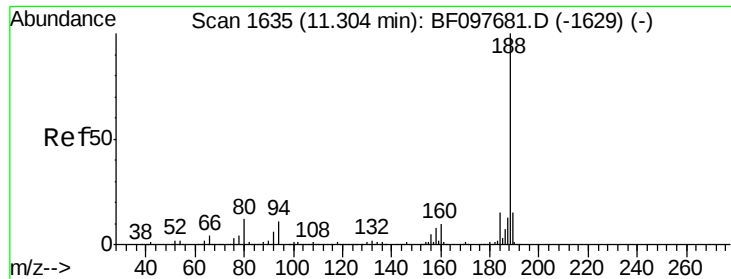
mohammad
9/5/2017 4:54:58 PM



#62
Azobenzene
Concen: 35.263 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	0.1	40.1
105	22.4	3.6	43.6
51	22.0	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

Tgt Ion:188 Resp: 305735

Ion Ratio Lower Upper

188 100

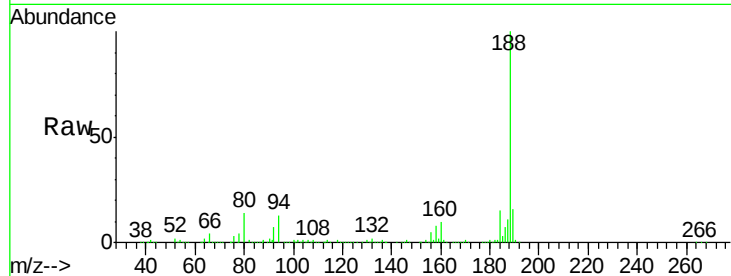
94 12.7 9.4 14.2

80 13.6 10.2 15.2

Manual Integrations
APPROVED

mohammad

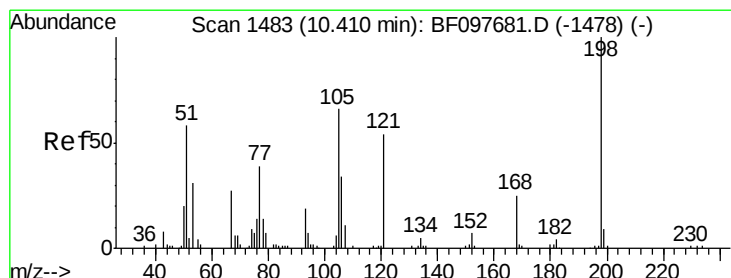
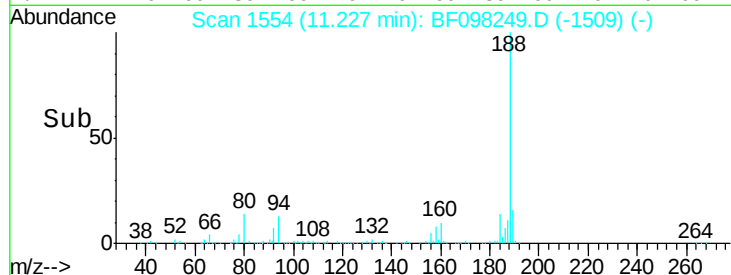
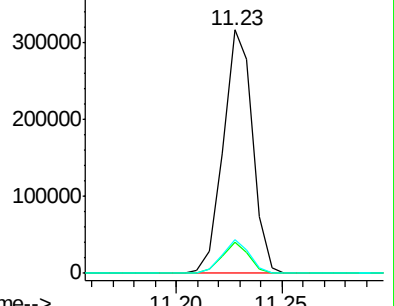
9/5/2017 4:54:58 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.181 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

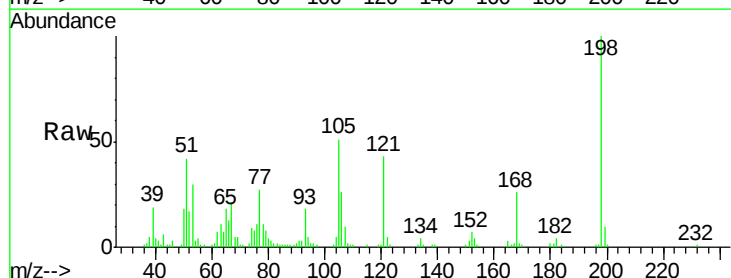
Tgt Ion:198 Resp: 53784

Ion Ratio Lower Upper

198 100

51 41.9 53.2 93.2#

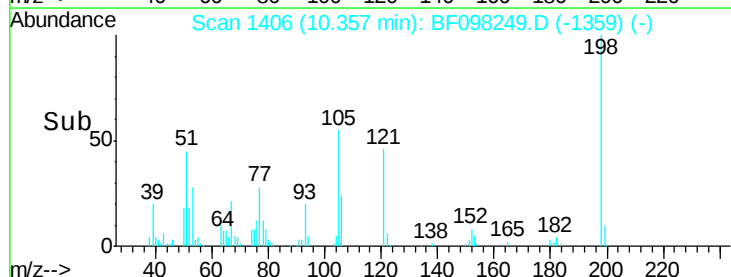
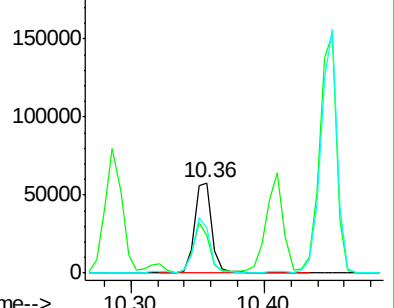
105 50.6 45.8 85.8

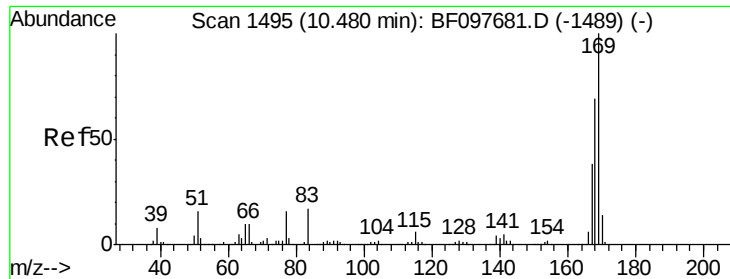


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.916 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD

Tgt Ion:169 Resp: 425987
Ion Ratio Lower Upper

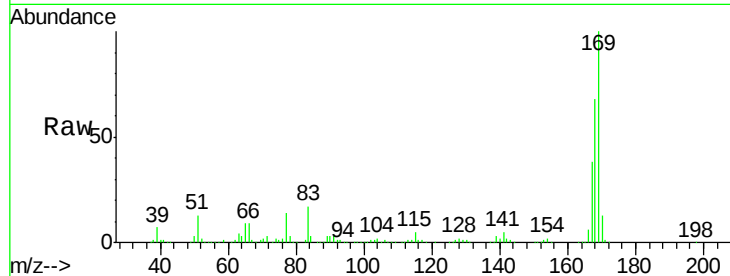
169 100

168 67.6 53.2 79.8

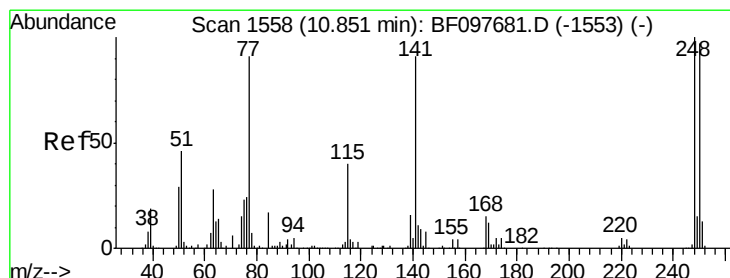
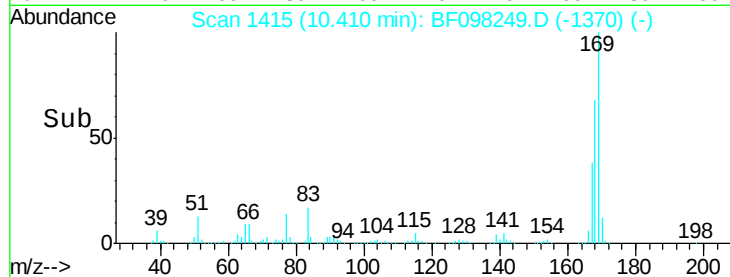
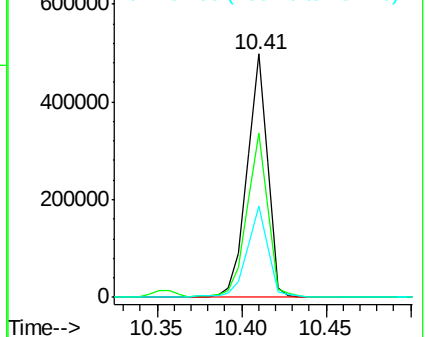
167 37.6 29.5 44.3

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



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



#66

4-Bromophenyl-phenylether

Concen: 41.208 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.04 min

Lab File: BF098249.D

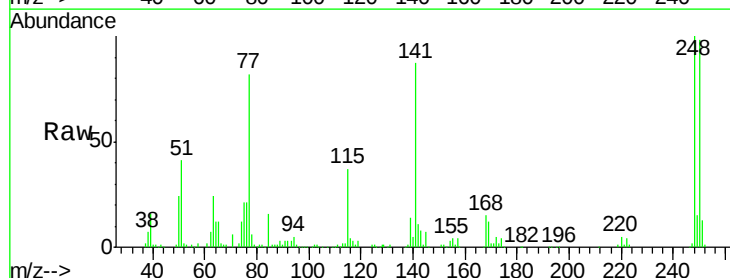
Acq: 2 Sep 2017 16:47

Tgt Ion:248 Resp: 130830
Ion Ratio Lower Upper

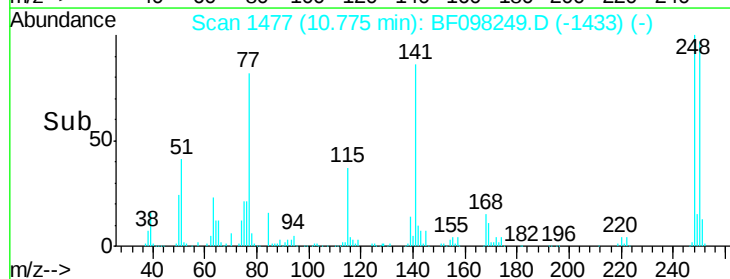
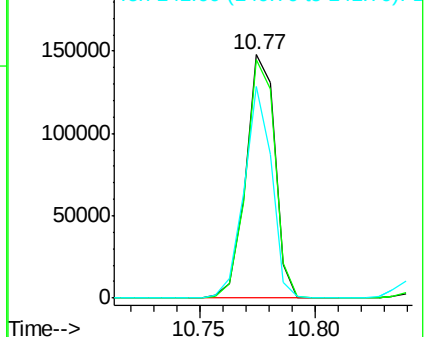
248 100

250 97.7 76.8 115.2

141 86.7 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: 37.345 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.04 min

Lab File: BF098249.D

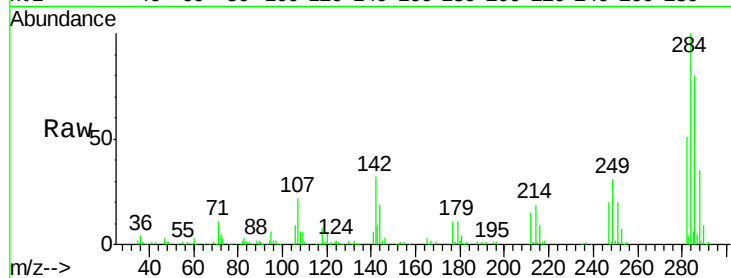
Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

ClientSampleId :

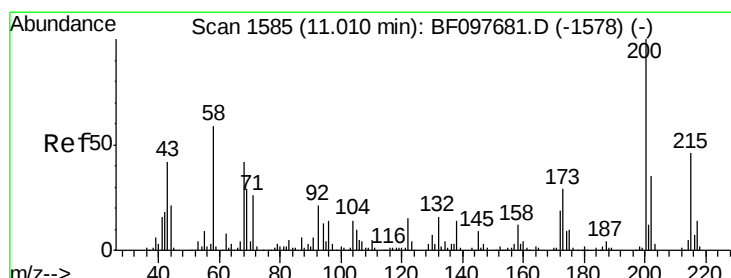
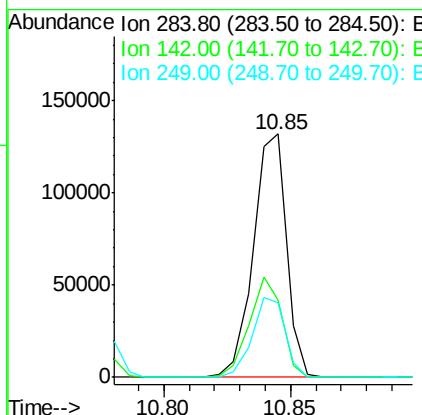
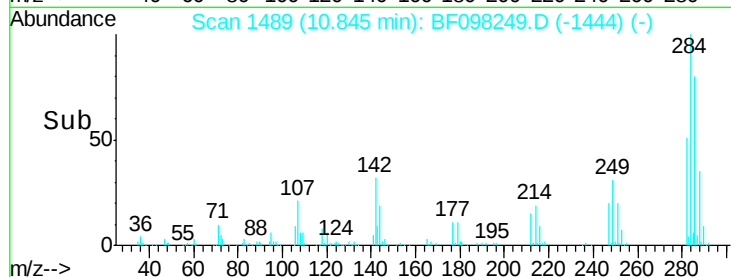
SB-14-COMPMSD



Tgt Ion:	284	Resp:	120849
Ion Ratio	Lower	Upper	
284	100		
142	31.7	22.8	34.2
249	30.6	24.0	36.0

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#68

Atrazine

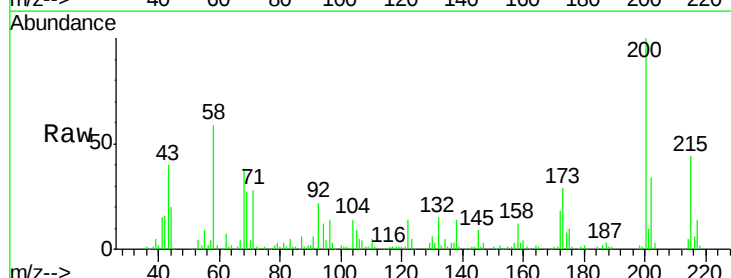
Concen: 44.142 ng

RT: 10.94 min Scan# 1505

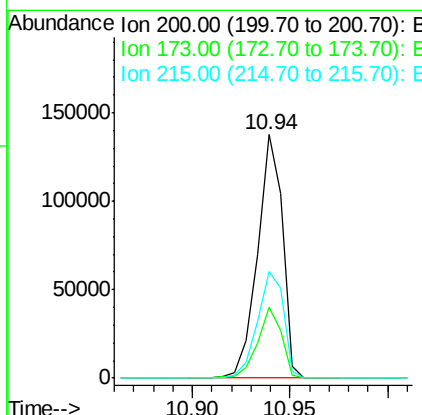
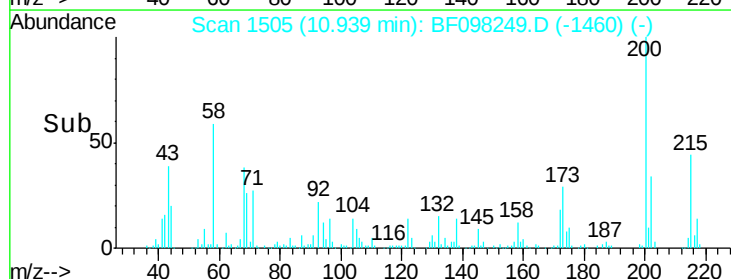
Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47



Tgt Ion:	200	Resp:	121879
Ion Ratio	Lower	Upper	
200	100		
173	29.0	6.3	46.3
215	44.0	27.2	67.2





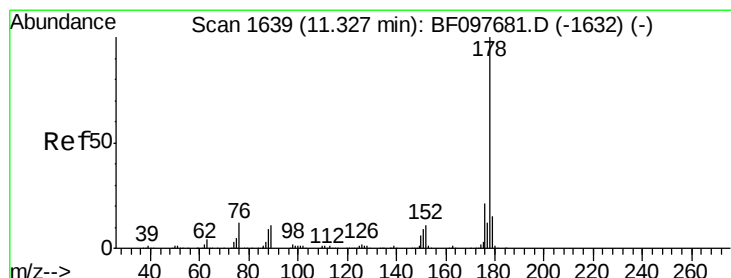
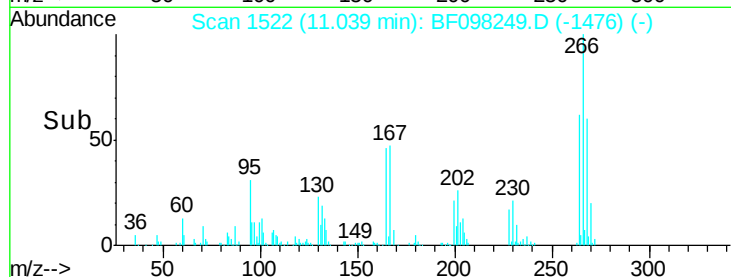
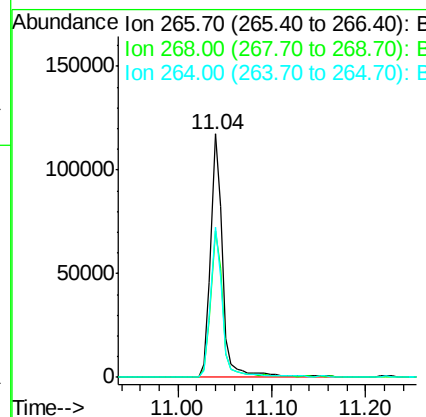
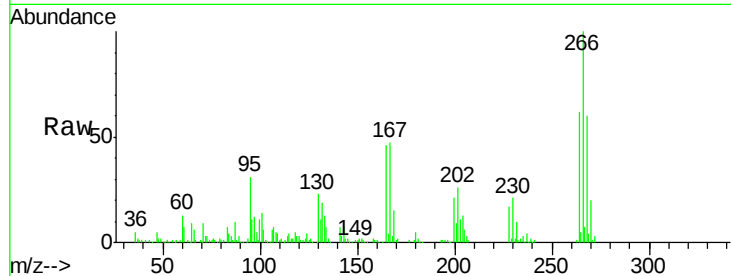
#69
 Pentachlorophenol
 Concen: 56.691 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106963		
268	60.2	51.1	76.7	
264	61.6	51.7	77.5	

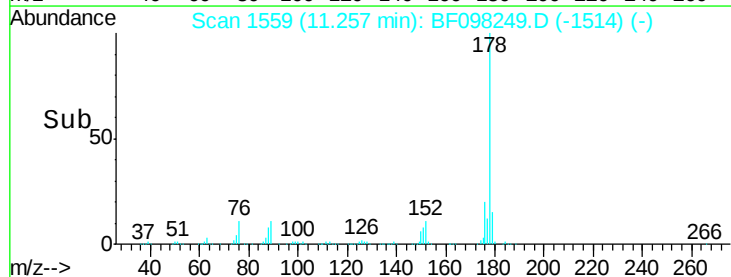
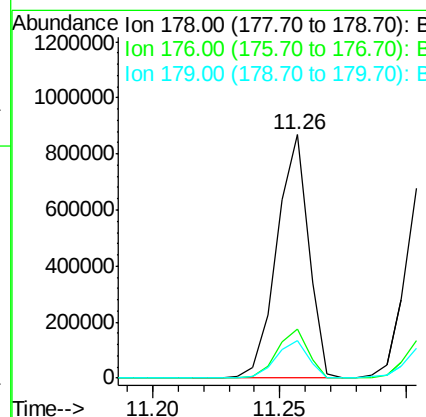
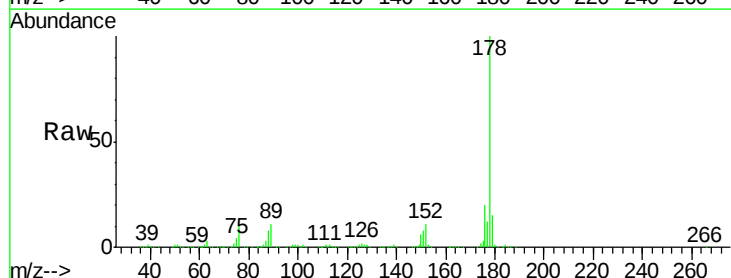
Manual Integrations
 APPROVED

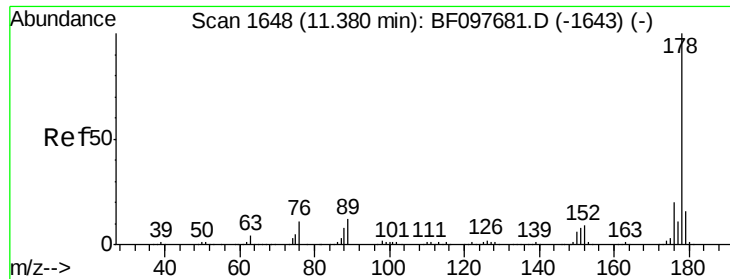
mohammad
 9/5/2017 4:54:58 PM



#70
 Phenanthrene
 Concen: 46.224 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	753072		
176	20.1	16.2	24.4	
179	15.4	12.6	19.0	





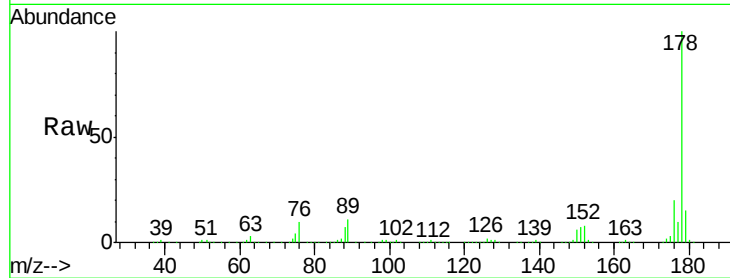
#71
 Anthracene
 Concen: 39.532 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.2	12.7	19.1

Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:54:58 PM

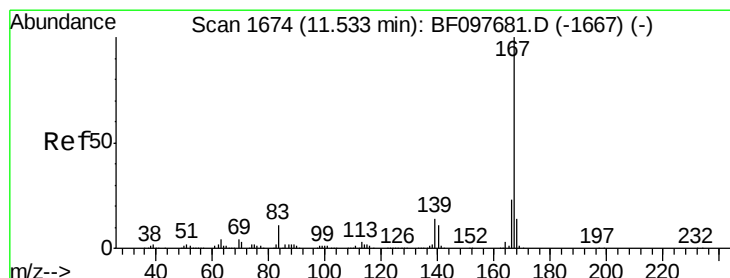
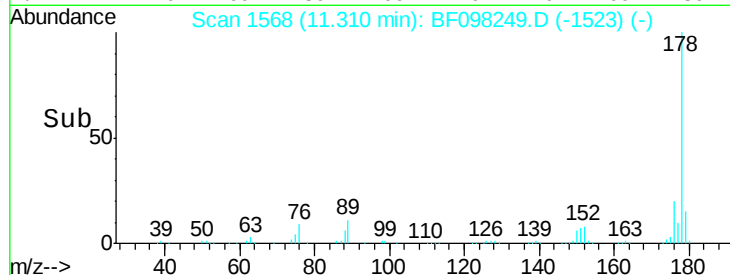
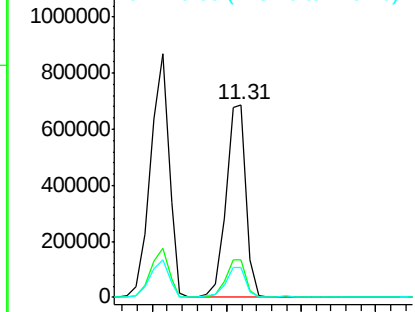


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 36.363 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

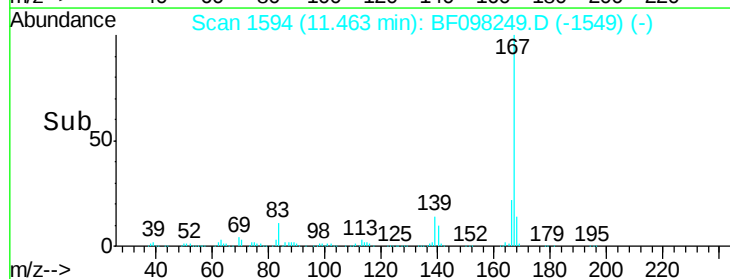
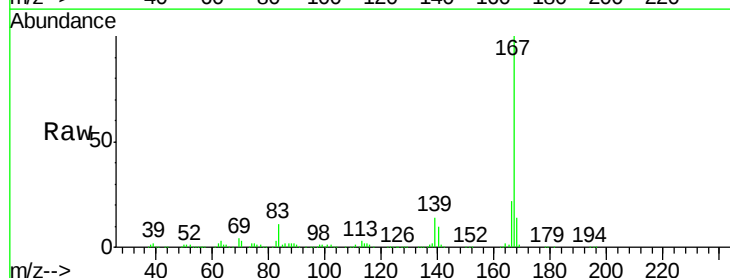
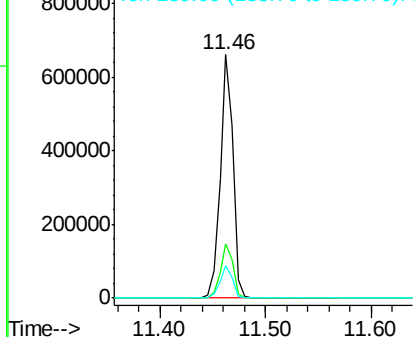
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.5	11.7	17.5

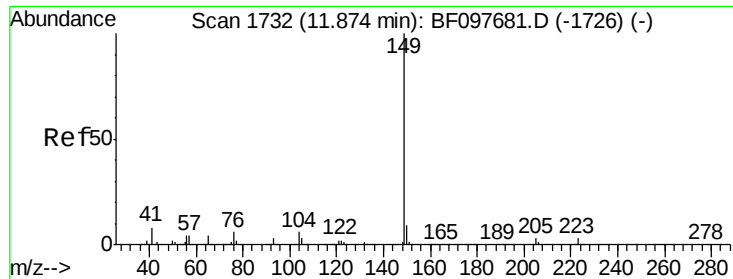
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.821 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

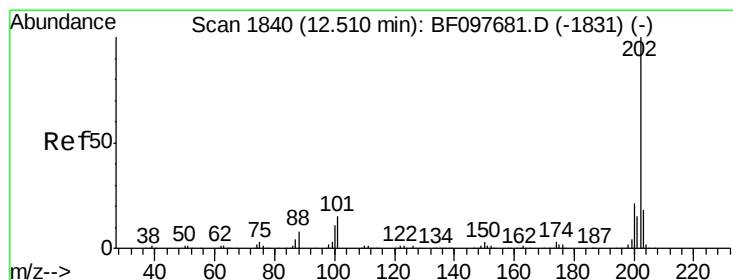
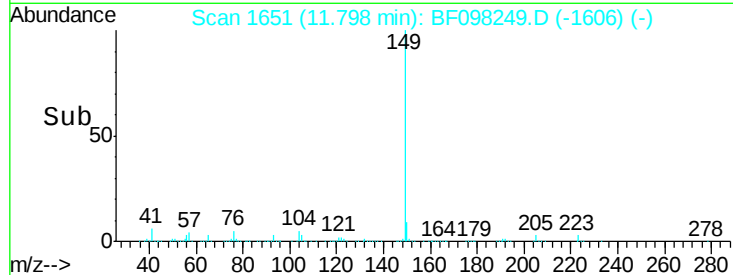
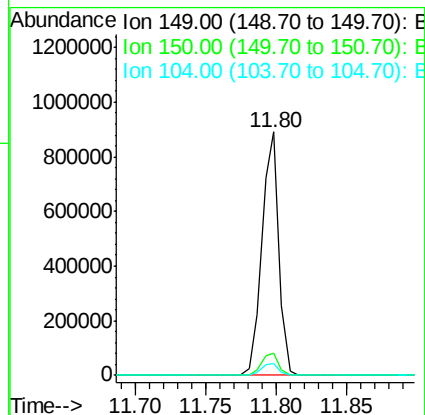
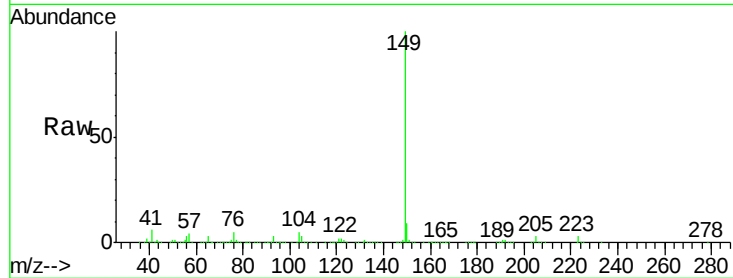
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	149	Resp:	755581
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.9	4.0	6.0

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#74

Fluoranthene

Concen: 45.311 ng

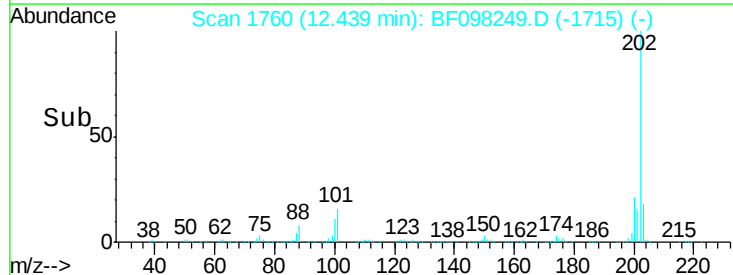
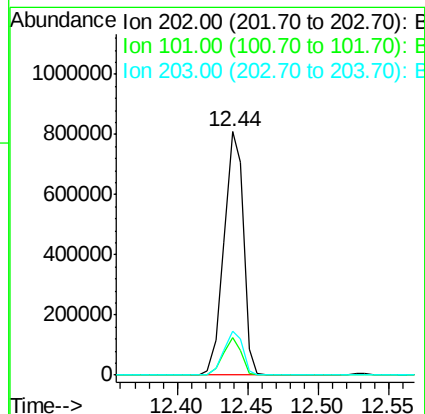
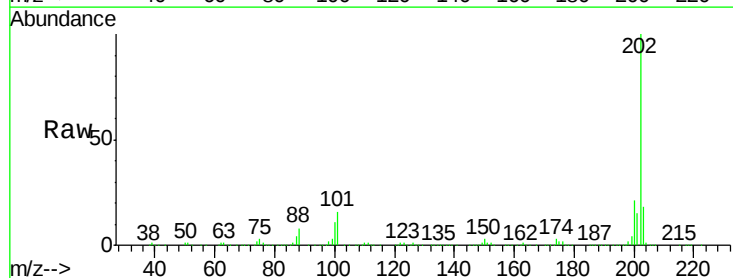
RT: 12.44 min Scan# 1760

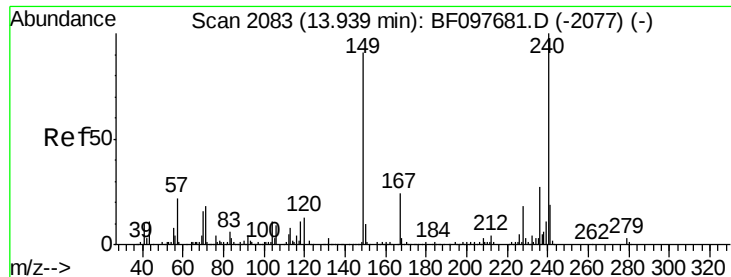
Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	202	Resp:	770507
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

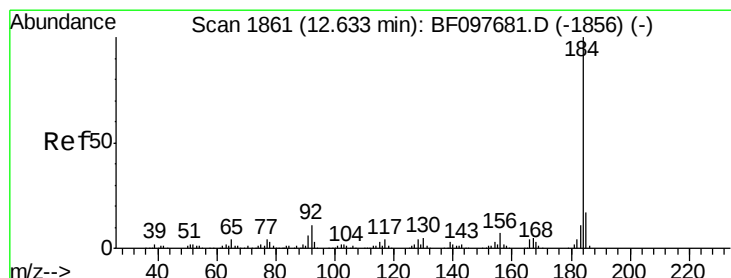
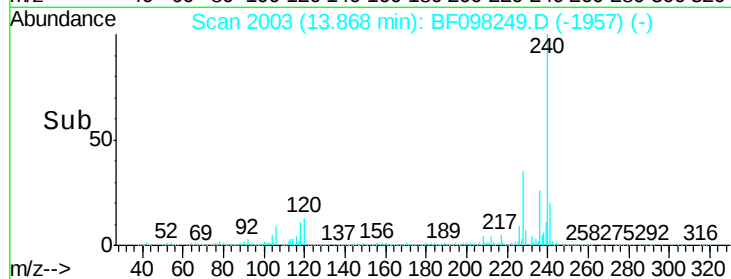
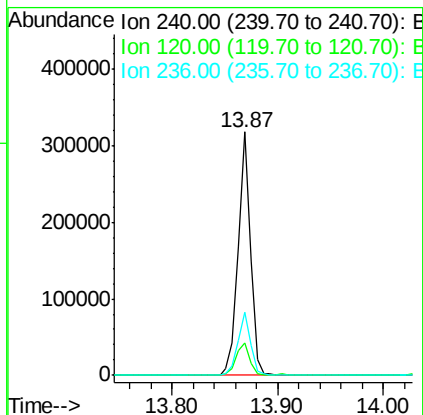
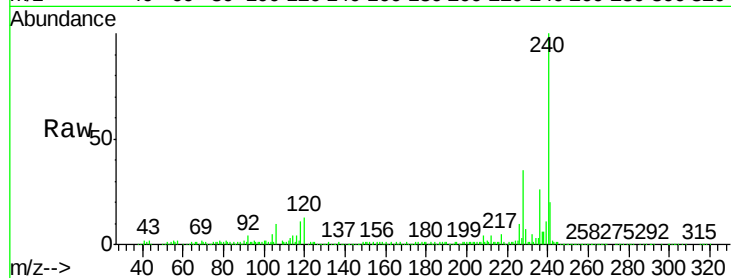
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:240 Resp: 252602
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 26.1 20.5 30.7

Manual Integrations
 APPROVED

mohammad
 9/5/2017 4:54:58 PM



#76

Benzidine

Concen: 16.343 ng

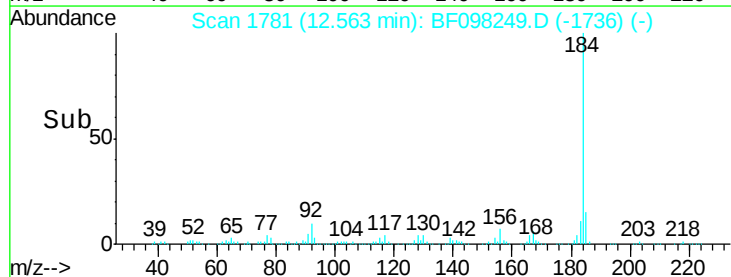
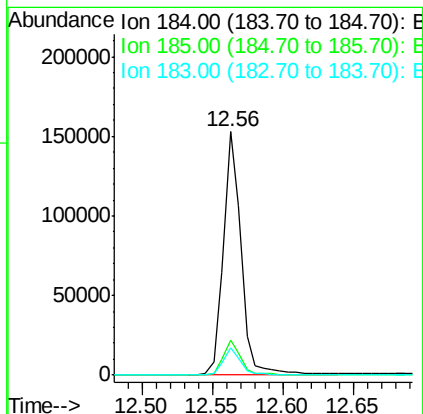
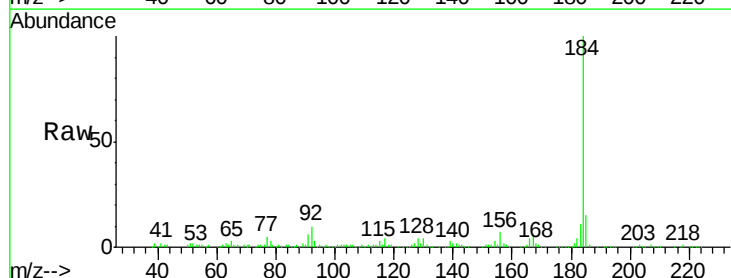
RT: 12.56 min Scan# 1781

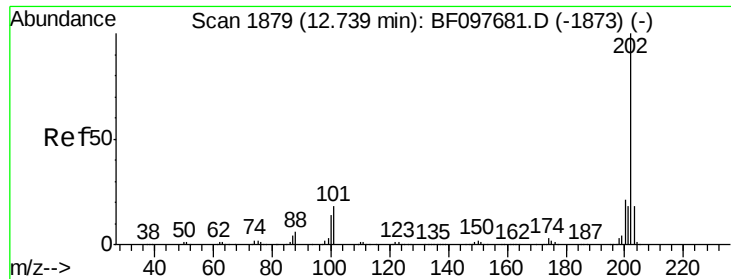
Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:184 Resp: 135358
 Ion Ratio Lower Upper
 184 100
 185 14.6 15.5 23.3#
 183 11.2 9.8 14.6





#77

Pyrene

Concen: 37.576 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

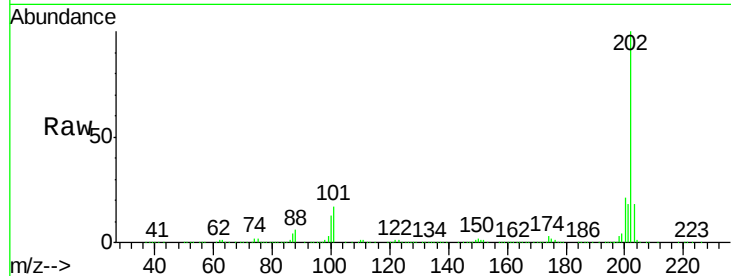
ClientSampleId :

SB-14-COMPMSD

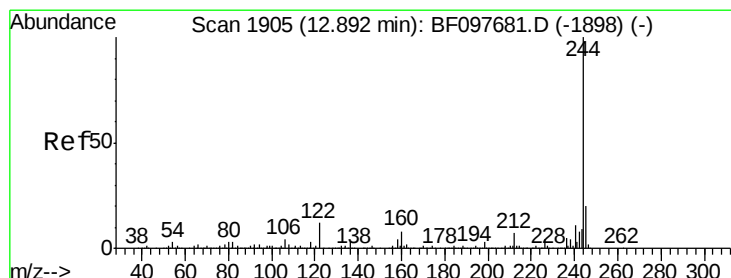
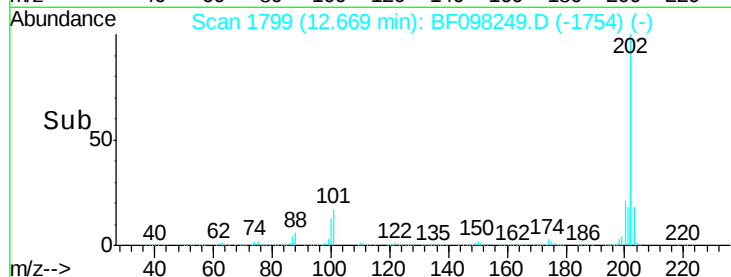
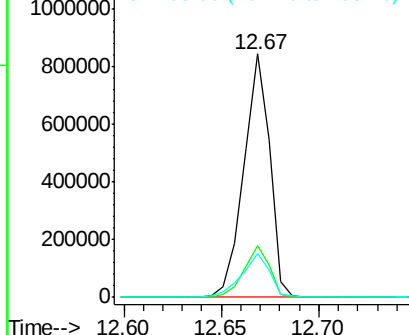
Tgt Ion:	202	Resp:	776321
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	18.2	14.4	21.6

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



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



#78

Terphenyl-d14

Concen: 57.039 ng

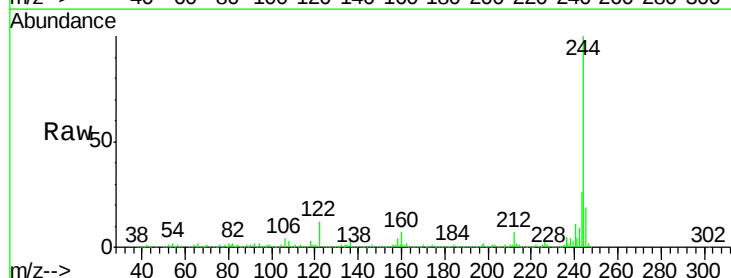
RT: 12.82 min Scan# 1824

Delta R.T. -0.04 min

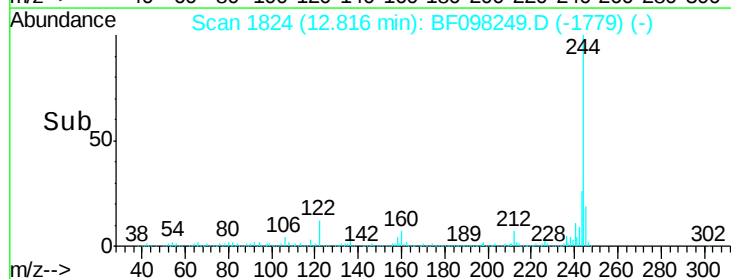
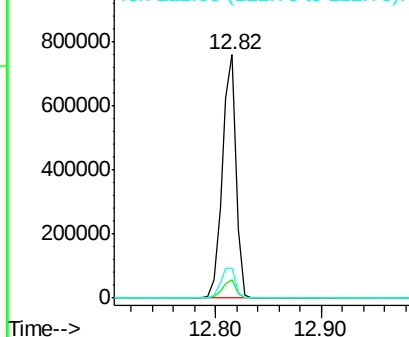
Lab File: BF098249.D

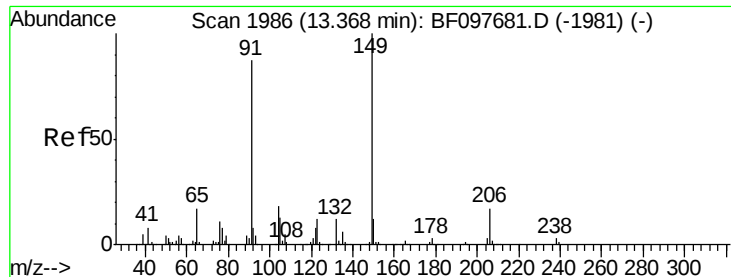
Acq: 2 Sep 2017 16:47

Tgt Ion:	244	Resp:	690928
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	12.4	10.3	15.5



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





#79

Butylbenzylphthalate

Concen: 37.495 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.04 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

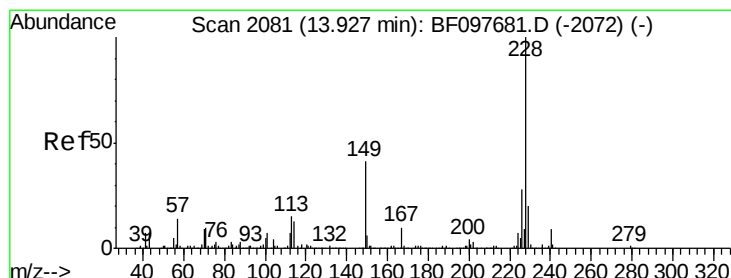
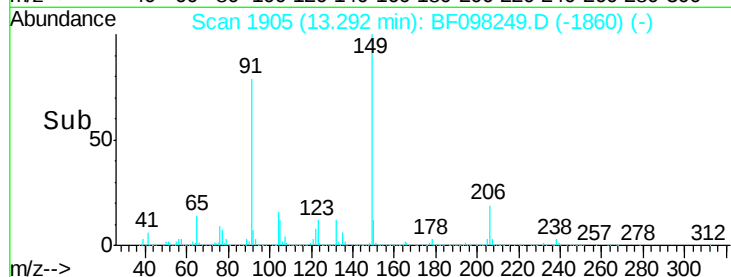
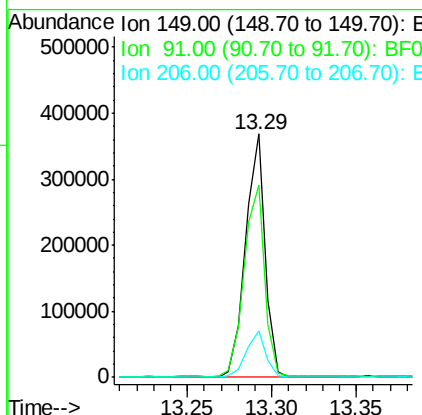
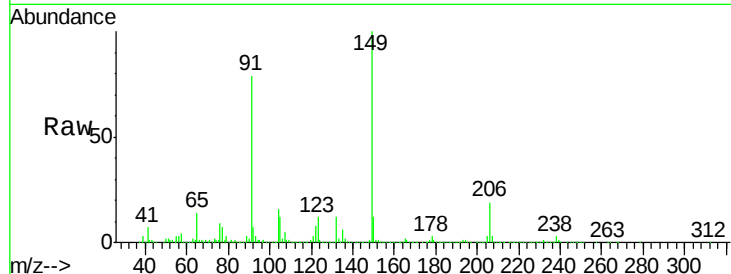
ClientSampleId :

SB-14-COMPMSD

Tgt Ion:	149	Resp:	296999
Ion Ratio	Lower	Upper	
149	100		
91	79.0	45.0	67.4#
206	19.0	17.0	25.6

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



#80

Benzo(a)anthracene

Concen: 40.542 ng

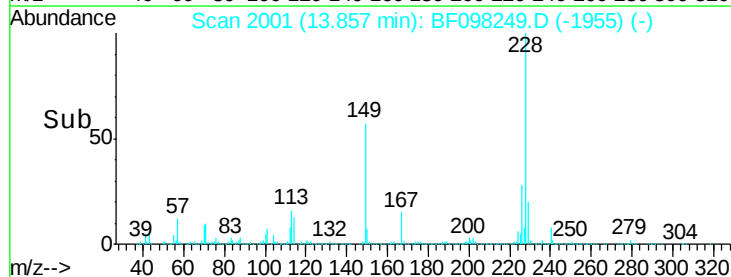
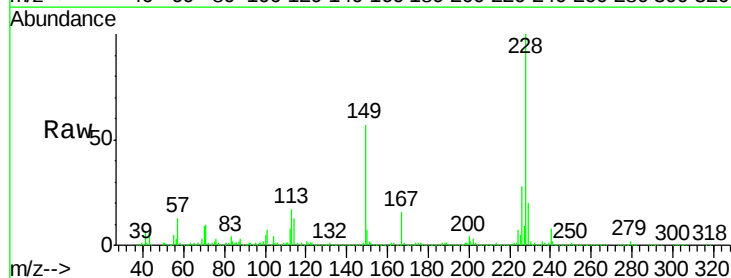
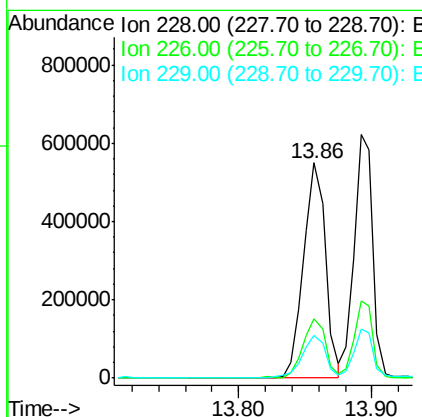
RT: 13.86 min Scan# 2001

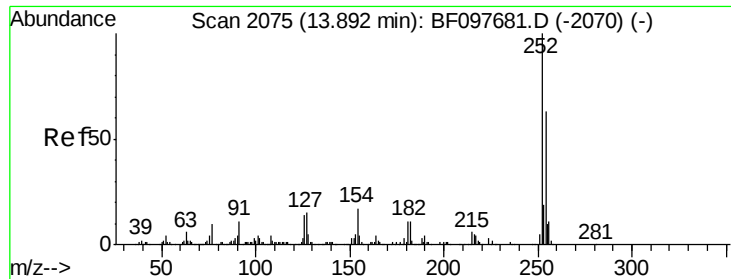
Delta R.T. -0.03 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	228	Resp:	613782
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	20.1	16.3	24.5





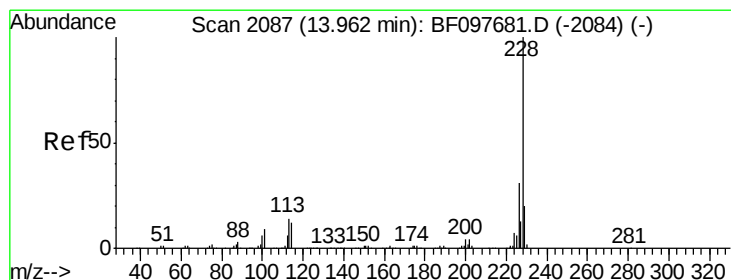
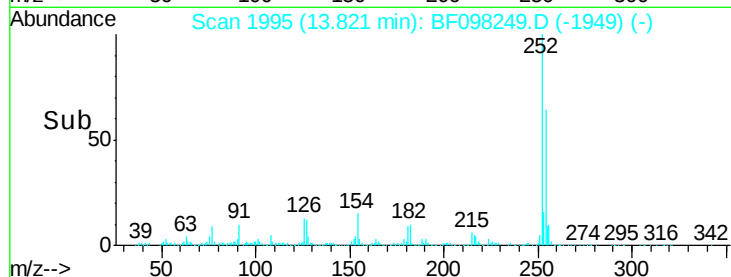
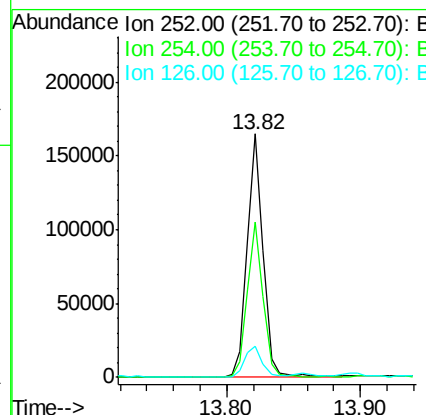
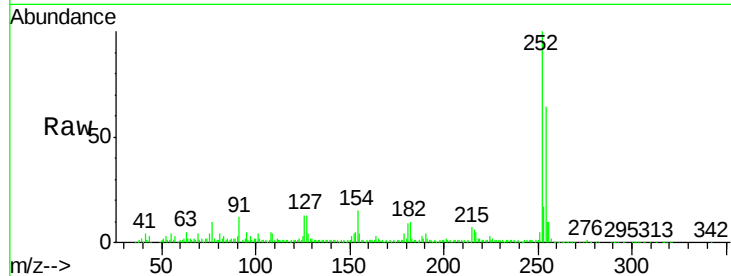
#81
 3,3'-Dichlorobenzidine
 Concen: 26.544 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.03 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	12.8	15.8	23.8

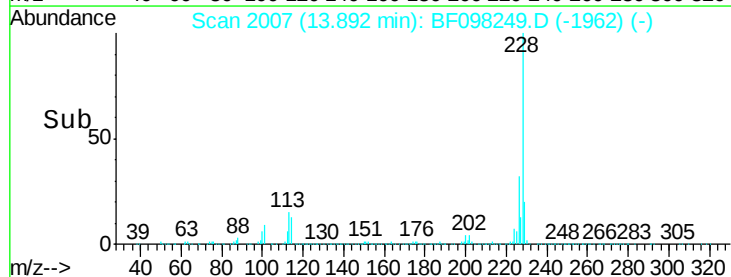
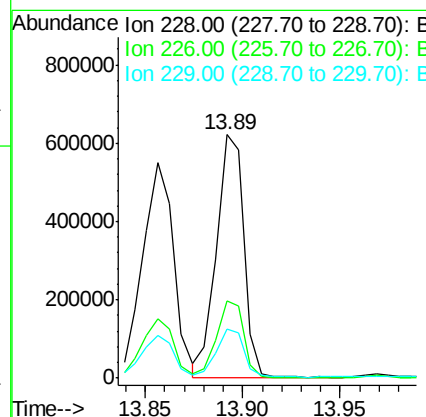
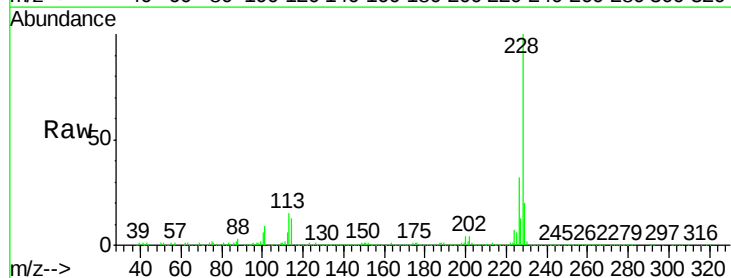
Manual Integrations
 APPROVED

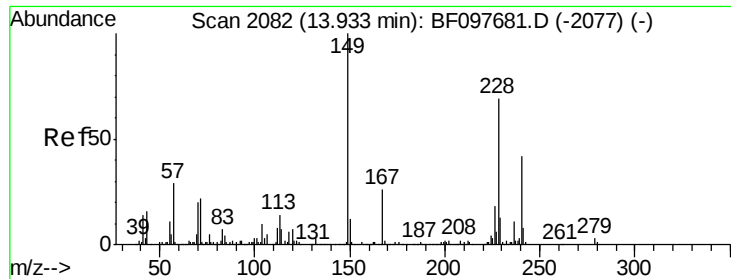
mohammad
 9/5/2017 4:54:58 PM



#82
 Chrysene
 Concen: 39.938 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.2	15.8	23.6





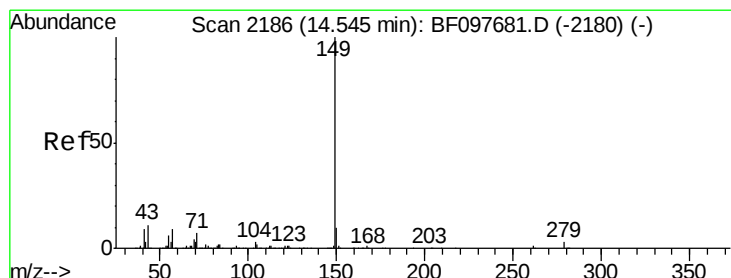
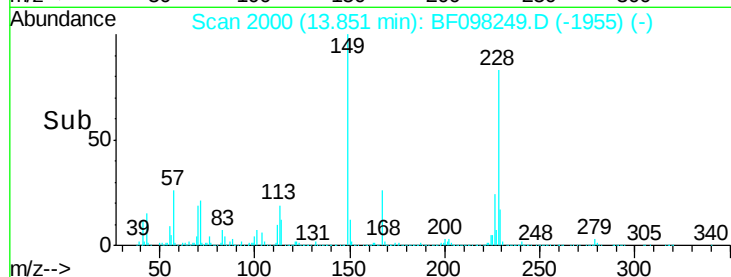
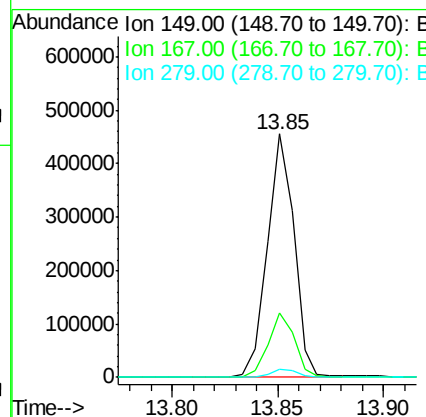
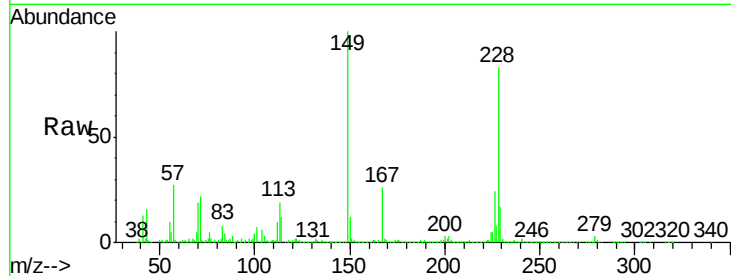
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.306 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	397670		
167	26.2	21.0	31.4	
279	3.3	1.9	2.9#	

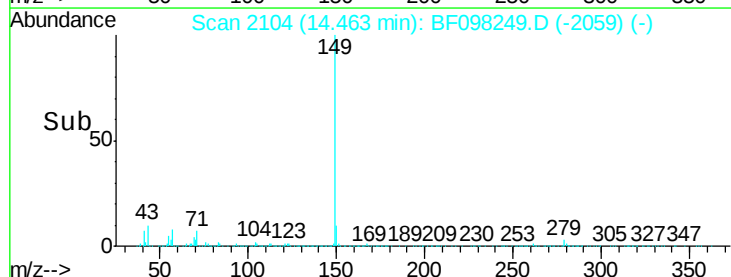
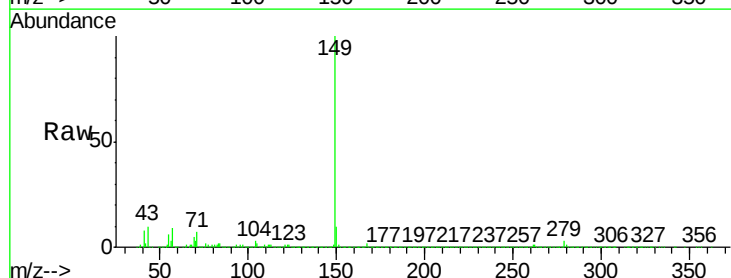
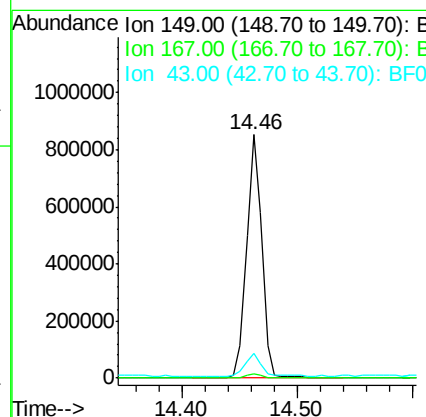
Manual Integrations
 APPROVED

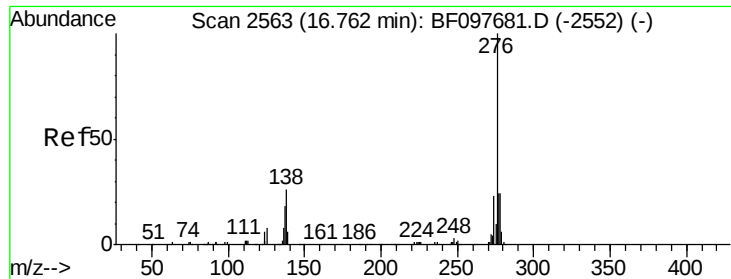
mohammad
 9/5/2017 4:54:58 PM



#84
 Di-n-octyl phthalate
 Concen: 50.362 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	769147		
167	1.5	1.2	1.8	
43	9.3	8.5	12.7	





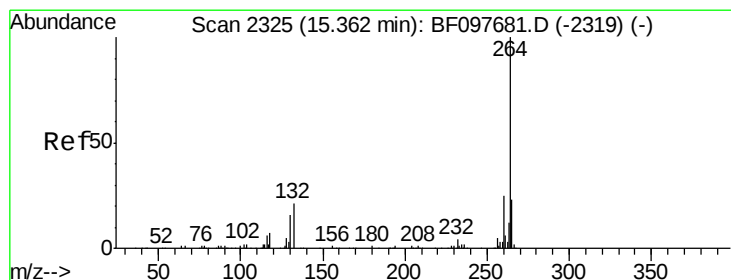
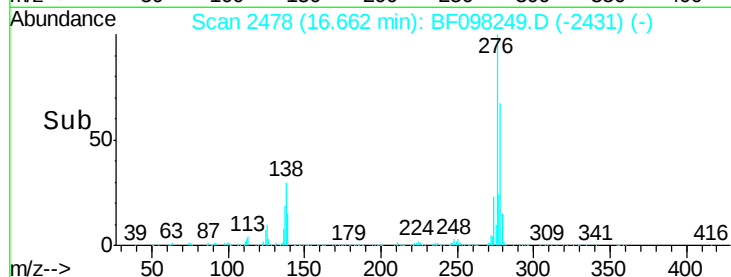
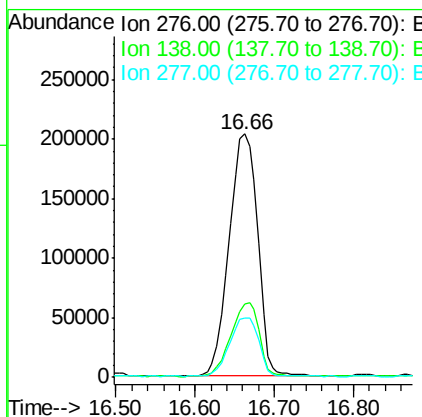
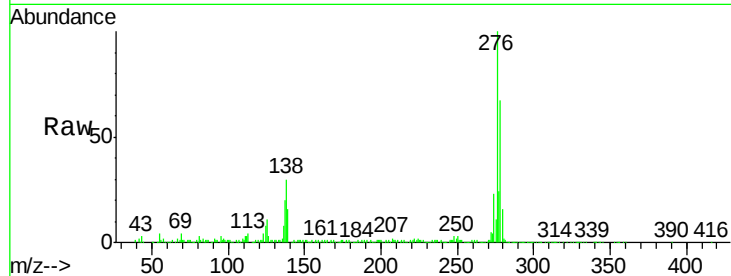
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.927 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	508820		
138	30.2		27.8	41.6
277	24.8		20.2	30.4

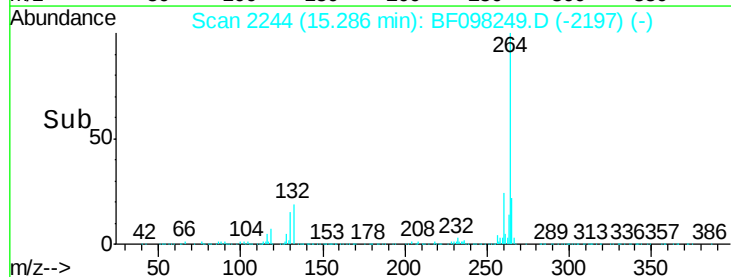
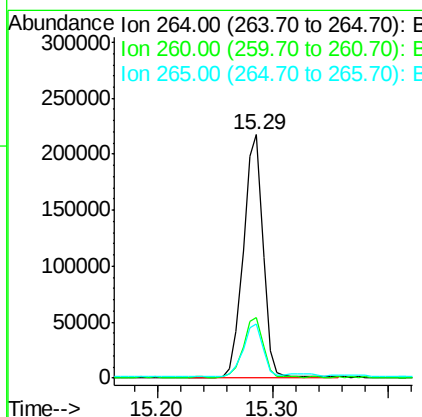
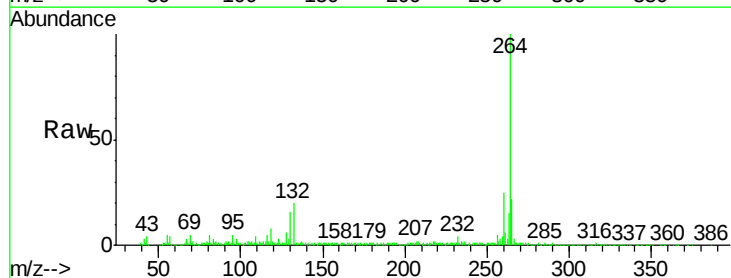
Manual Integrations
 APPROVED

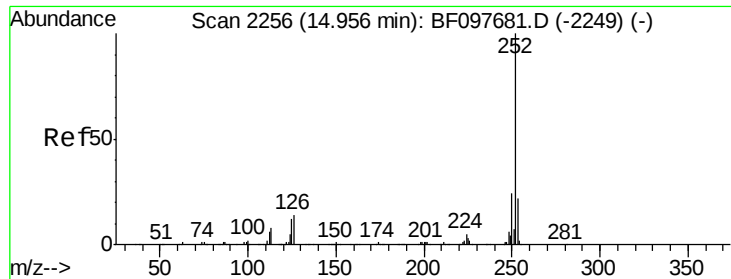
mohammad
 9/5/2017 4:54:58 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.02 min
 Lab File: BF098249.D
 Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	254573		
260	24.7		19.5	29.3
265	22.5		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.328 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

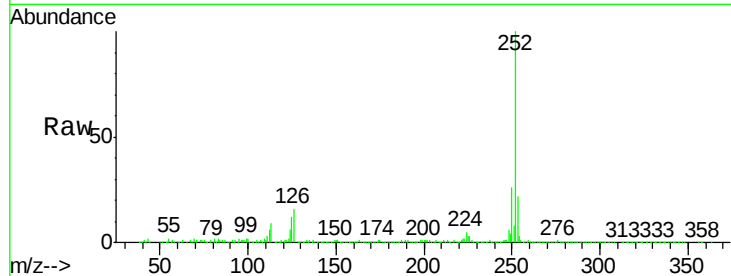
ClientSampled :

SB-14-COMPMSD

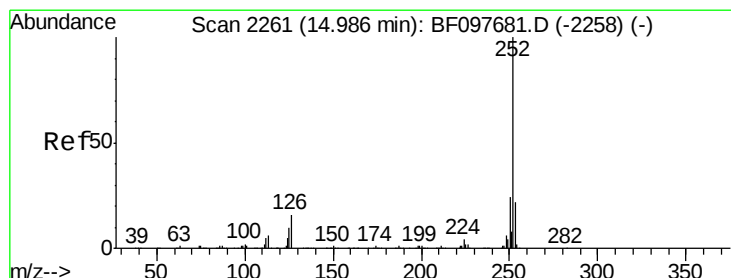
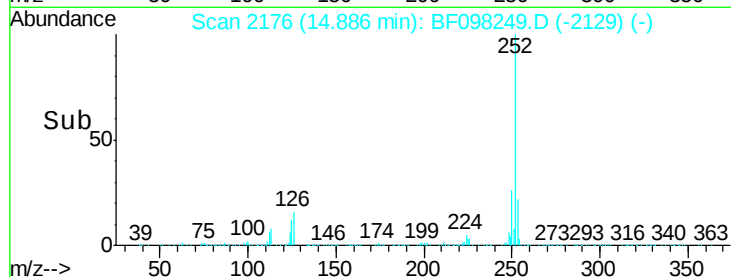
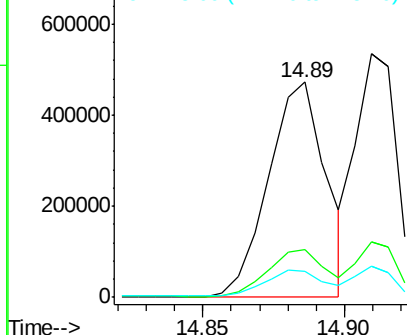
Tgt Ion:	252	Resp:	663164
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	12.4	9.8	14.8

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM



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



#88

Benzo(k)fluoranthene

Concen: 36.038 ng

RT: 14.91 min Scan# 2180

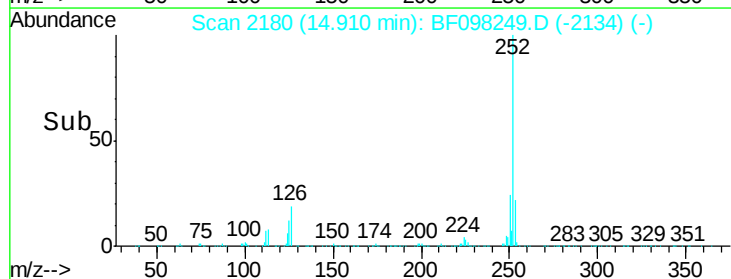
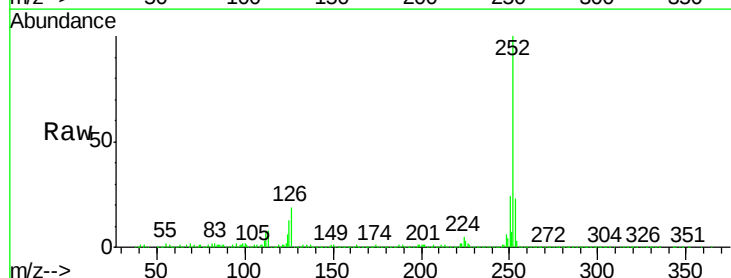
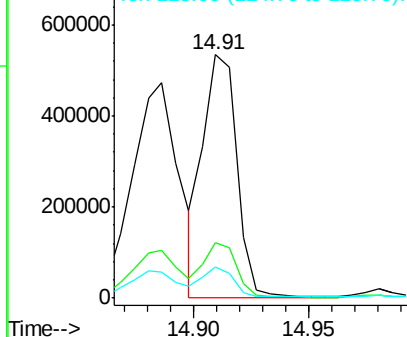
Delta R.T. -0.03 min

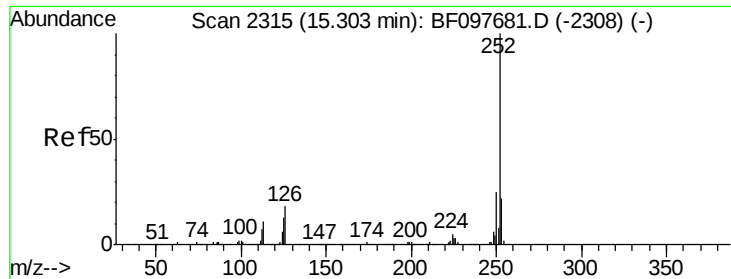
Lab File: BF098249.D

Acq: 2 Sep 2017 16:47

Tgt Ion:	252	Resp:	543302
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.4	27.6
125	12.8	13.1	19.7#

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





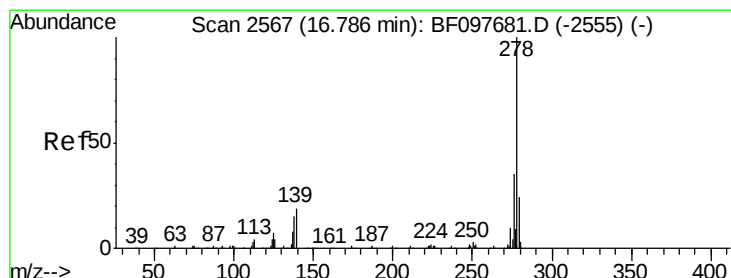
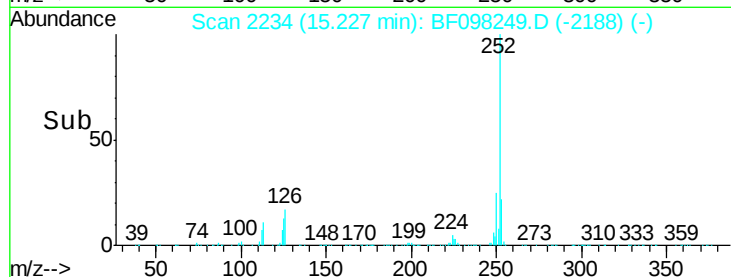
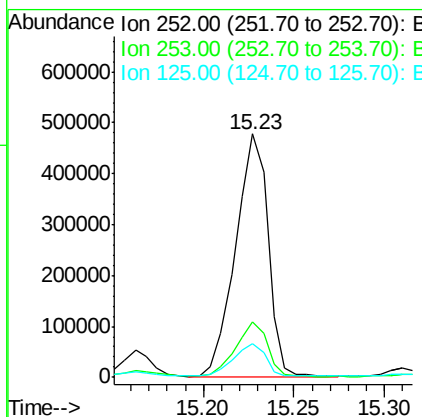
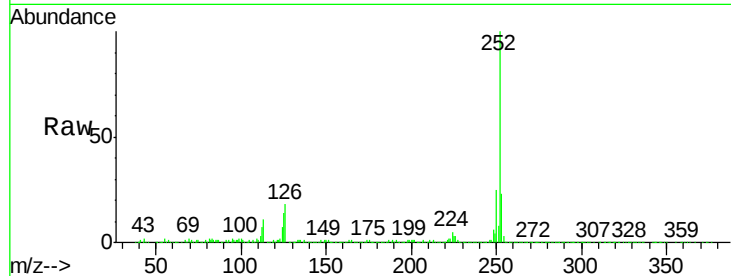
#89
Benzo(a)pyrene
Concen: 41.829 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.8	11.0	16.4

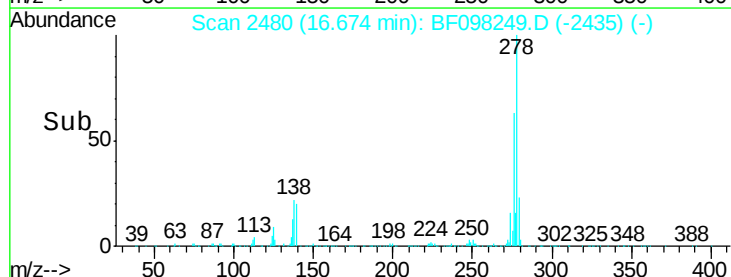
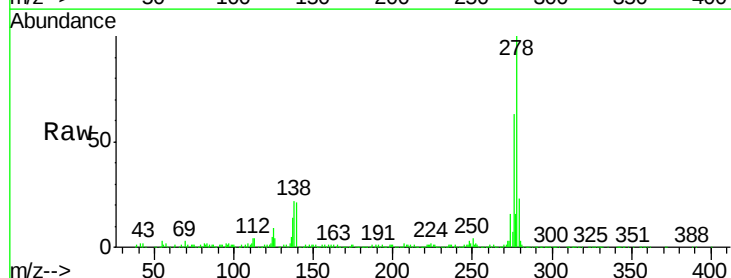
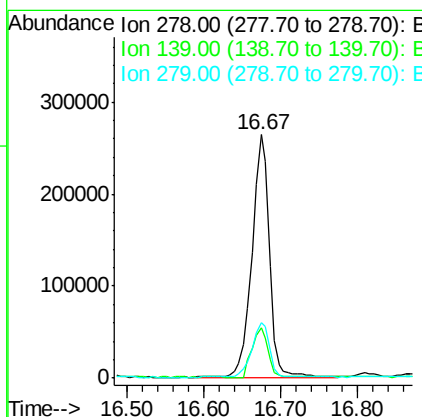
Manual Integrations
APPROVED

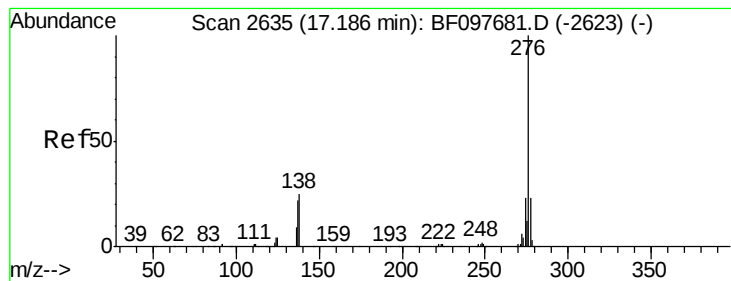
mohammad
9/5/2017 4:54:58 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.376 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.04 min
Lab File: BF098249.D
Acq: 2 Sep 2017 16:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.6	24.8
279	23.0	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 32.825 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.04 min

Lab File: BF098249.D

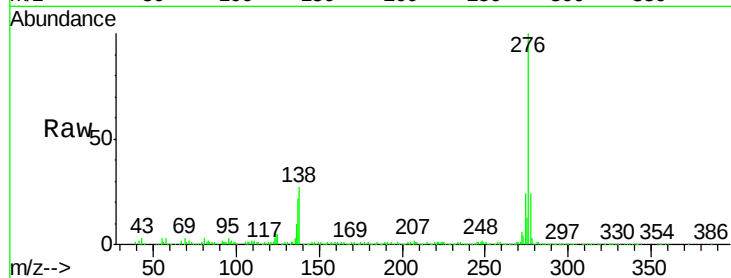
Acq: 2 Sep 2017 16:47

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMSD



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		396099		
277	23.5	18.6	28.0		
138	26.6	25.4	38.0		

Manual Integrations
APPROVED

mohammad
9/5/2017 4:54:58 PM

