

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094042.D
 Acq On : 30 Mar 2017 2:08
 Operator : SJ/MA
 Sample : I2443-14MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM

Quant Time: Mar 30 04:39:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	169138	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	677969	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	302584	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	491768	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	302032	20.00	ng	-0.03
86) Perylene-d12	16.28	264	276349	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1292640	129.08	ng	0.00
7) Phenol-d6	5.54	99	1643198	132.64	ng	-0.01
23) Nitrobenzene-d5	6.58	82	1014160	85.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	294105	123.00	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1535424	77.40	ng	-0.02
78) Terphenyl-d14	13.37	244	967296	71.79	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	179993	37.41	ng	99
3) Pyridine	2.82	79	538662	41.08	ng	99
4) n-Nitrosodimethylamine	2.78	42	243816	45.19	ng	88
6) Aniline	5.55	93	204256	11.85	ng	# 1
8) 2-Chlorophenol	5.69	128	520802	47.32	ng	97
9) Benzaldehyde	5.42	77	104144	12.45	ng	99
10) Phenol	5.56	94	631127	44.77	ng	91
11) bis(2-Chloroethyl)ether	5.63	93	499849	45.37	ng	97
12) 1,3-Dichlorobenzene	5.86	146	549949	44.54	ng	99
13) 1,4-Dichlorobenzene	5.95	146	559085	44.71	ng	98
14) 1,2-Dichlorobenzene	6.12	146	515583	44.77	ng	96
15) Benzyl Alcohol	6.10	79	412888	45.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.26	45	680049	40.06	ng	96
17) 2-Methylphenol	6.24	107	436695	46.33	ng	95
18) Hexachloroethane	6.52	117	183620	41.78	ng	89
19) n-Nitroso-di-n-propylamine	6.42	70	363371	45.64	ng	97
20) 3+4-Methylphenols	6.42	107	575500	50.41	ng	# 63
22) Acetophenone	6.40	105	740315	48.99	ng	# 87
24) Nitrobenzene	6.60	77	536253	45.77	ng	95
25) Isophorone	6.89	82	963242	46.14	ng	96
26) 2-Nitrophenol	6.97	139	187909	33.63	ng	94
27) 2,4-Dimethylphenol	7.05	122	475964	49.44	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	634506	46.09	ng	98
29) 2,4-Dichlorophenol	7.27	162	439842	48.86	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	431920	46.59	ng	99
31) Naphthalene	7.46	128	1501163	46.05	ng	100
32) Benzoic acid	7.14	122	23872	3.72	ng	89
33) 4-Chloroaniline	7.52	127	112402	8.51	ng	# 93
34) Hexachlorobutadiene	7.61	225	215120	45.24	ng	99
35) Caprolactam	7.99	113	143544m	50.00	ng	
36) 4-Chloro-3-methylphenol	8.15	107	457343	48.62	ng	87
37) 2-Methylnaphthalene	8.30	142	1016337	46.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	382956	46.26	ng	99
40) Hexachlorocyclopentadiene	8.49	237	126275	32.60	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094042.D
 Acq On : 30 Mar 2017 2:08
 Operator : SJ/MA
 Sample : I2443-14MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

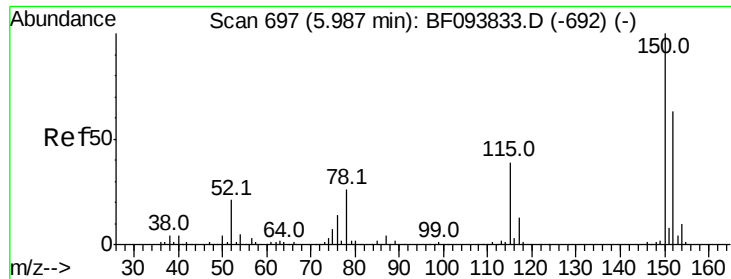
Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM

Quant Time: Mar 30 04:39:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	292921	50.02	nq	97
43) 2,4,5-Trichlorophenol	8.71	196	288483	45.52	nq	93
45) 1,1'-Biphenyl	8.87	154	1105821	45.31	nq	98
46) 2-Chloronaphthalene	8.89	162	874138	45.75	nq	94
47) 2-Nitroaniline	9.02	65	302611	53.39	nq	88
48) Acenaphthylene	9.40	152	1387098	43.69	nq	99
49) Dimethylphthalate	9.26	163	1172408	54.51	nq	100
50) 2,6-Dinitrotoluene	9.33	165	203385	41.25	nq	# 90
51) Acenaphthene	9.62	154	824149	44.48	nq	100
52) 3-Nitroaniline	9.53	138	224651	38.80	nq	83
53) 2,4-Dinitrophenol	9.66	184	6940	7.14	nq	# 75
54) Dibenzofuran	9.83	168	1197878	47.50	nq	100
55) 4-Nitrophenol	9.77	139	302253	66.66	nq	# 74
56) 2,4-Dinitrotoluene	9.82	165	226526	36.57	nq	# 70
57) Fluorene	10.25	166	880254	42.09	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	197899	45.51	nq	# 97
59) Diethylphthalate	10.13	149	1012615	47.63	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	375384	42.13	nq	89
61) 4-Nitroaniline	10.29	138	284349	51.18	nq	97
62) Azobenzene	10.45	77	946386	47.06	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	12969	4.31	nq	# 76
65) n-Nitrosodiphenylamine	10.40	169	834771	49.09	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	235011	48.59	nq	97
67) Hexachlorobenzene	10.93	284	232403	47.47	nq	# 90
68) Atrazine	11.07	200	210676	41.36	nq	95
69) Pentachlorophenol	11.17	266	192724	63.24	nq	98
70) Phenanthrene	11.43	178	1428652	52.22	nq	100
71) Anthracene	11.49	178	1292747	45.90	nq	99
72) Carbazole	11.69	167	1171801	40.57	nq	99
73) Di-n-butylphthalate	12.14	149	1452557	48.36	nq	99
74) Fluoranthene	12.89	202	1356802	48.44	nq	99
76) Benzidine	13.06	184	177729	14.87	nq	# 92
77) Pyrene	13.17	202	1372192	62.60	nq	100
79) Butylbenzylphthalate	13.98	149	528174	56.55	nq	# 85
80) Benzo(a)anthracene	14.64	228	926329	52.60	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	178978	28.43	nq	# 98
82) Chrysene	14.69	228	840099	51.40	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	708761	55.62	nq	# 98
84) Di-n-octyl phthalate	15.46	149	1123880	52.80	nq	100
85) Indeno(1,2,3-cd)pyrene	17.65	276	783039	55.32	nq	99
87) Benzo(b)fluoranthene	15.87	252	940640	55.53	nq	98
88) Benzo(k)fluoranthene	15.90	252	696666	42.03	nq	97
89) Benzo(a)pyrene	16.23	252	858203	55.02	nq	99
90) Dibenzo(a,h)anthracene	17.67	278	618039	46.78	nq	99
91) Benzo(g,h,i)perylene	18.06	276	669039	50.25	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:152 Resp: 169138

Ion Ratio Lower Upper

152 100

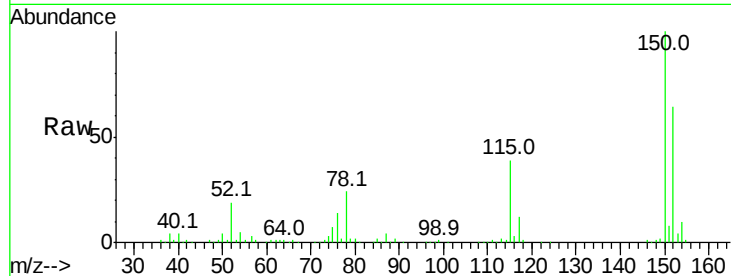
150 156.1 126.2 189.2

115 60.7 52.2 78.2

Manual Integrations
APPROVED

mohammad

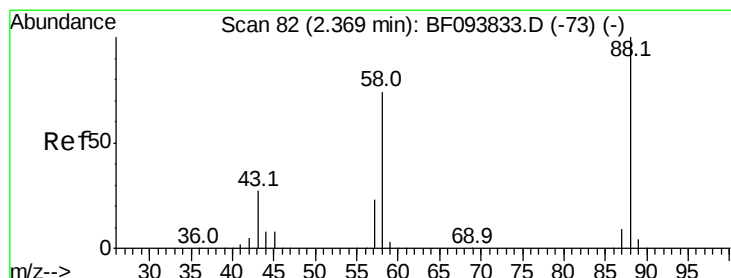
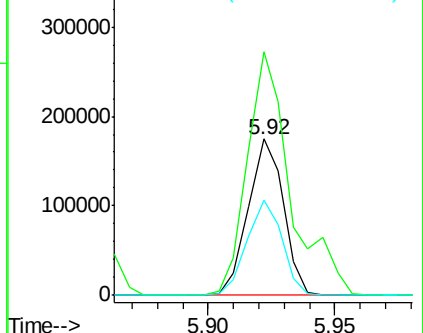
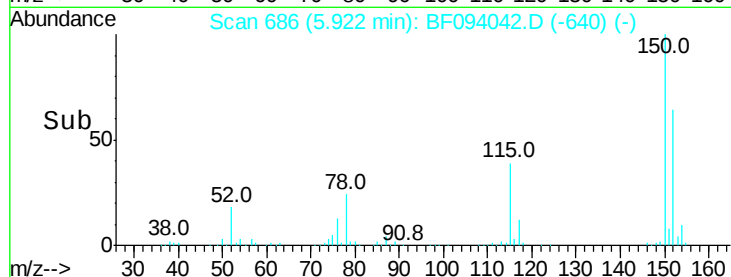
3/30/2017 2:33:14 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.41 ng

RT: 2.33 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

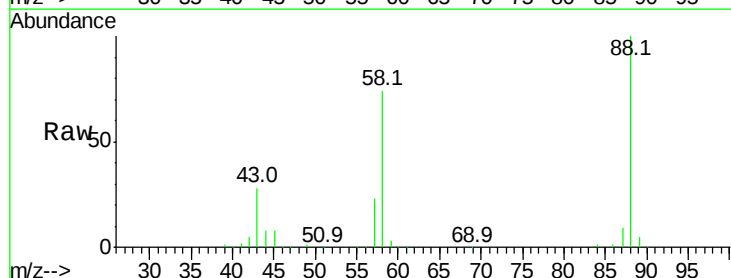
Tgt Ion: 88 Resp: 179993

Ion Ratio Lower Upper

88 100

58 75.6 61.4 92.0

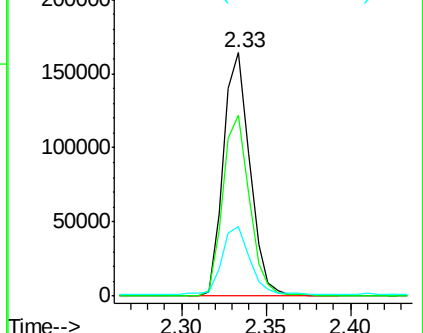
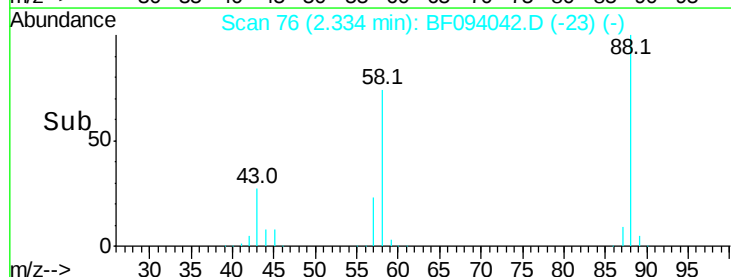
43 28.8 23.4 35.0

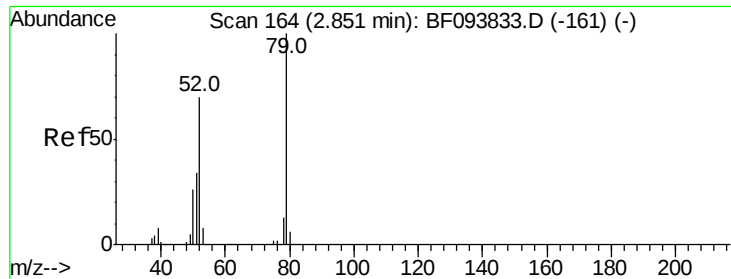


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.08 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

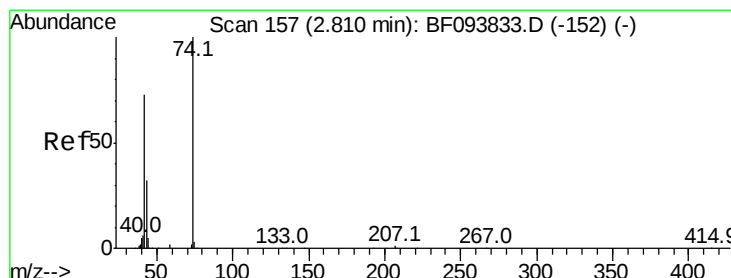
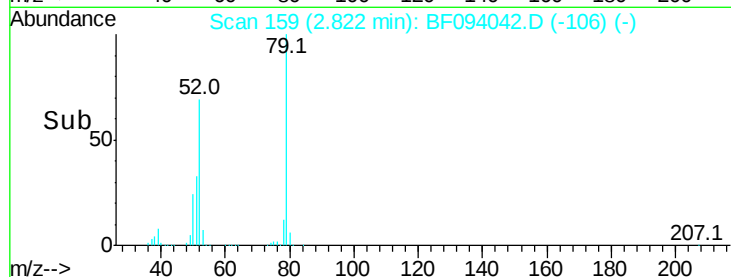
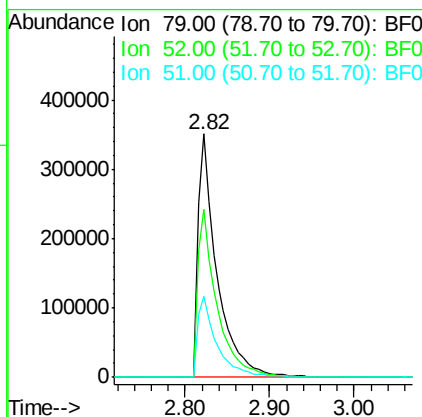
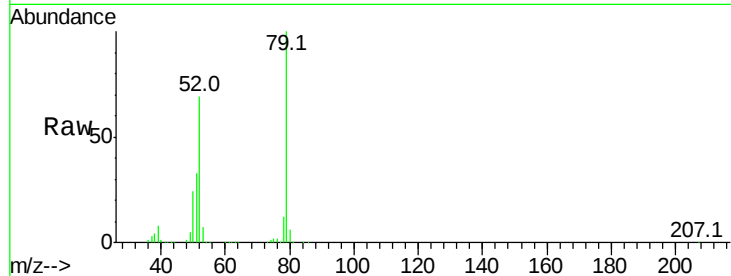
ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:	79	Resp:	538662
Ion Ratio	Lower	Upper	
79	100		
52	69.0	54.8	82.2
51	33.1	27.0	40.4

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#4

n-Nitrosodimethylamine

Concen: 45.19 ng

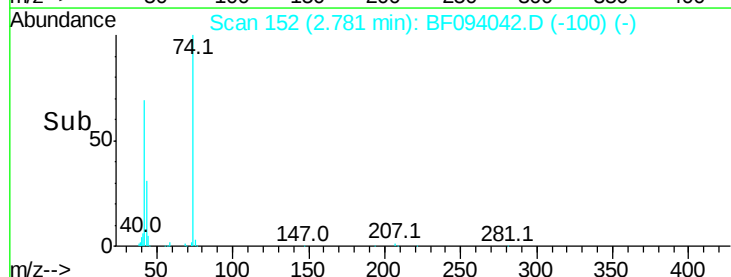
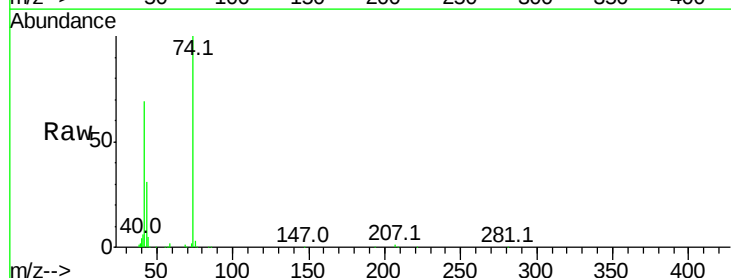
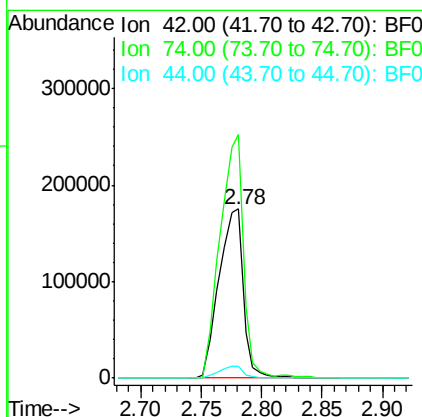
RT: 2.78 min Scan# 152

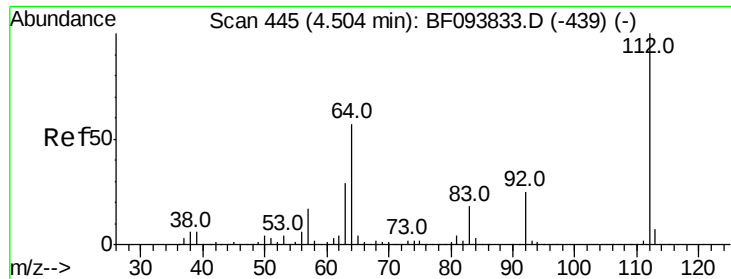
Delta R.T. 0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:	42	Resp:	243816
Ion Ratio	Lower	Upper	
42	100		
74	144.3	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 129.08 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

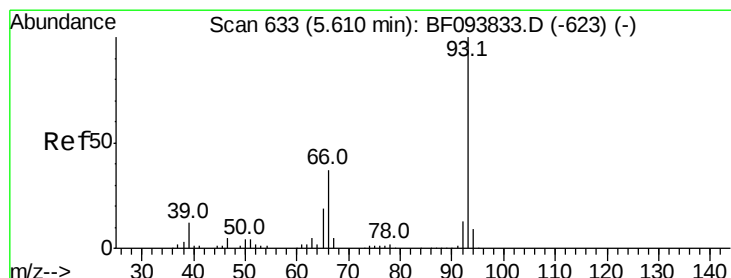
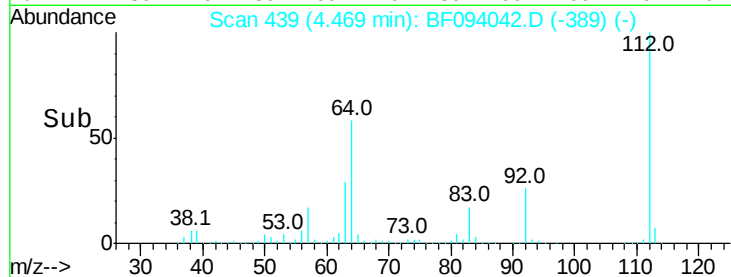
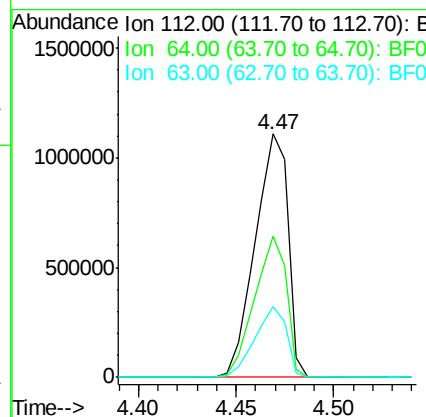
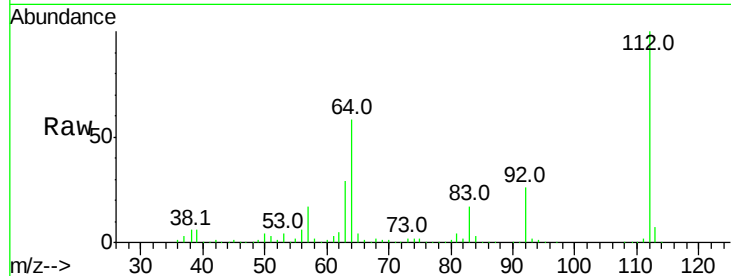
ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:	112	Resp:	1292640
Ion Ratio	Lower	Upper	
112	100		
64	58.0	46.0	69.0
63	29.2	23.4	35.0

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#6

Aniline

Concen: 11.85 ng

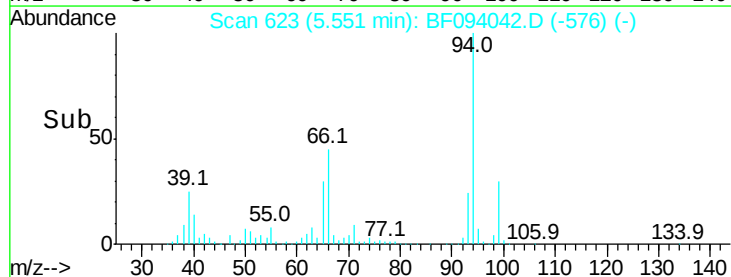
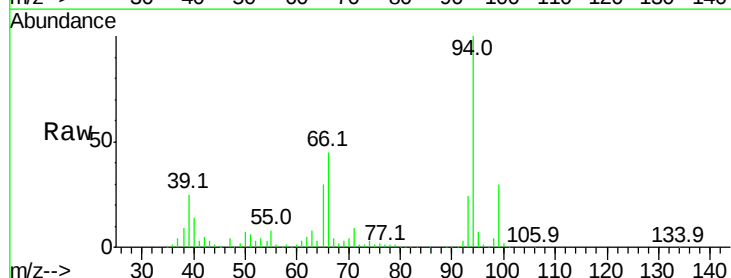
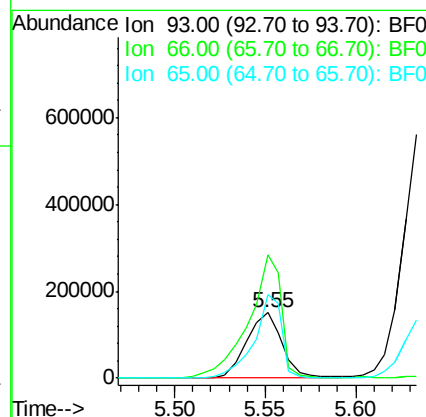
RT: 5.55 min Scan# 623

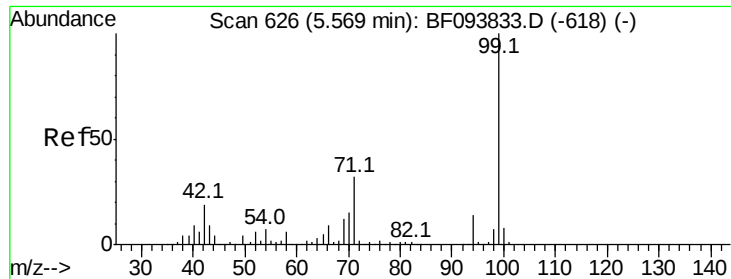
Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:	93	Resp:	204256
Ion Ratio	Lower	Upper	
93	100		
66	188.8	32.9	49.3#
65	128.4	16.0	24.0#





#7

Phenol-d6

Concen: 132.64 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion: 99 Resp: 1643198

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

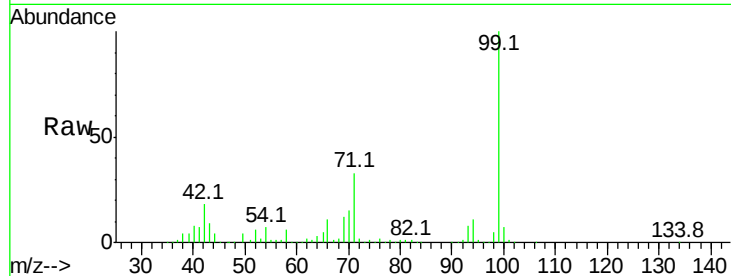
71 33.5 24.5 36.7

Manual Integrations

APPROVED

mohammad

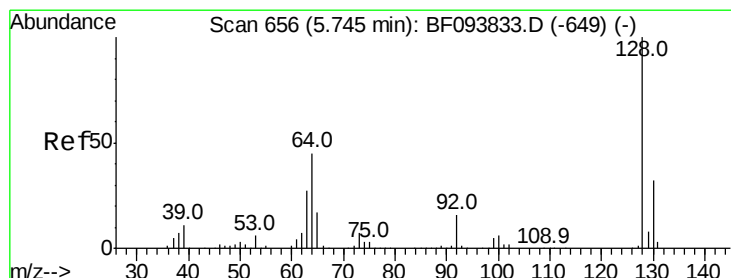
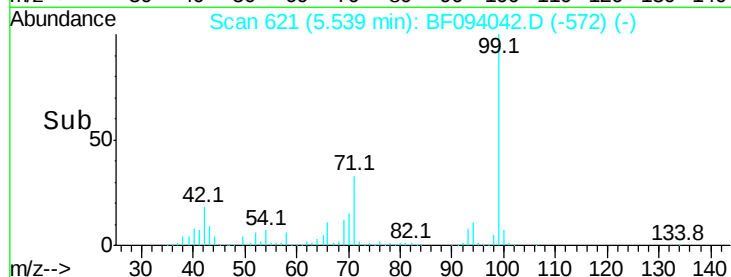
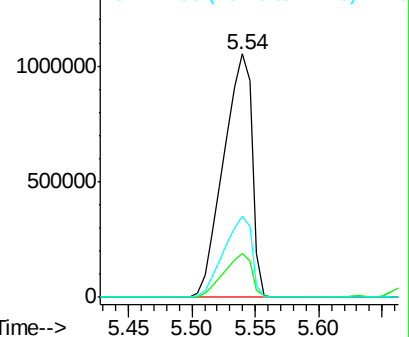
3/30/2017 2:33:14 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.32 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

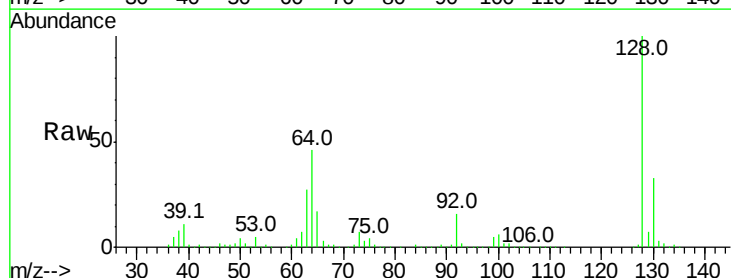
Tgt Ion: 128 Resp: 520802

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

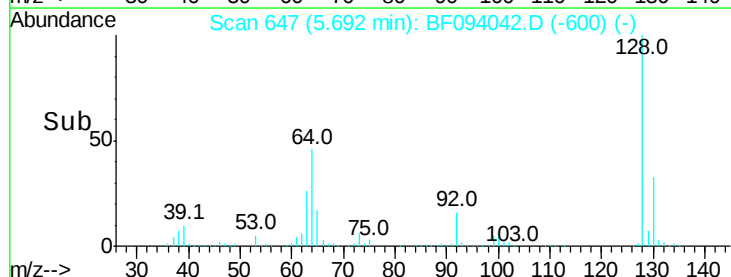
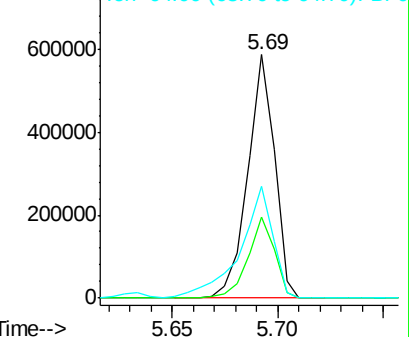
64 45.8 28.4 68.4

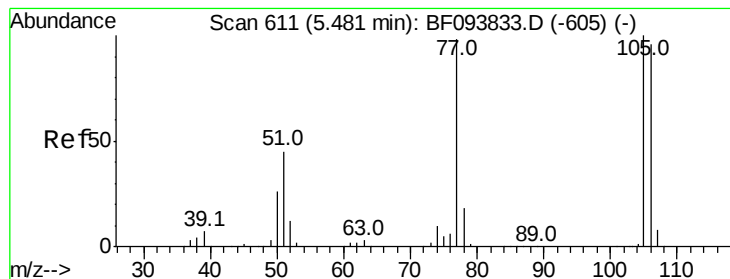


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.45 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

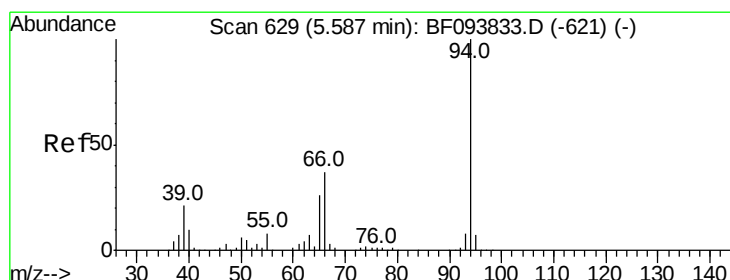
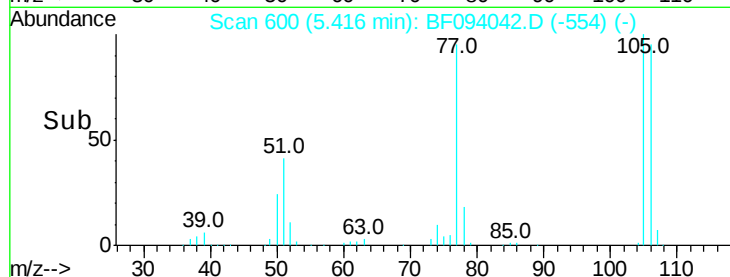
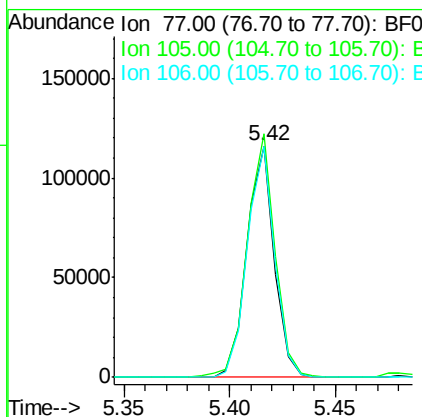
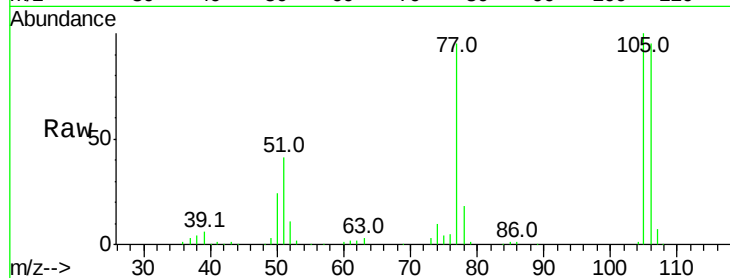
ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.4	83.8	123.8
106	99.8	79.1	119.1

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#10

Phenol

Concen: 44.77 ng

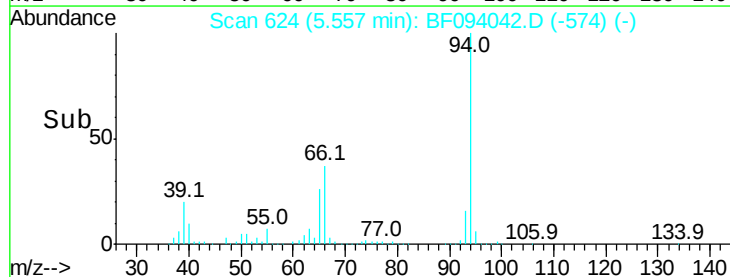
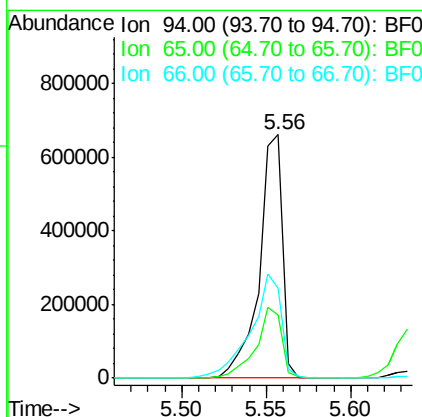
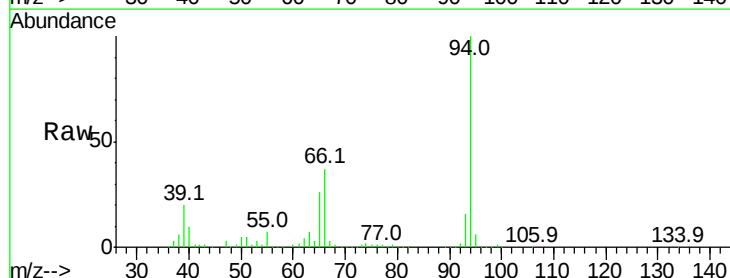
RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.1	9.9	49.9
66	36.8	23.1	63.1





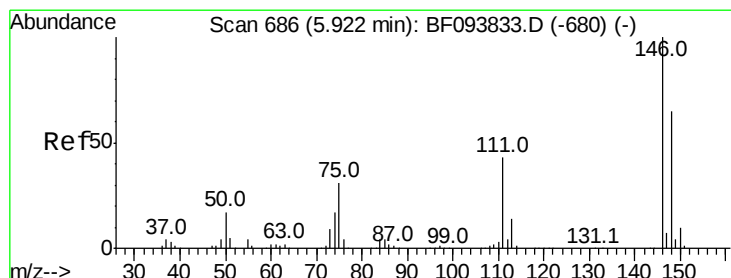
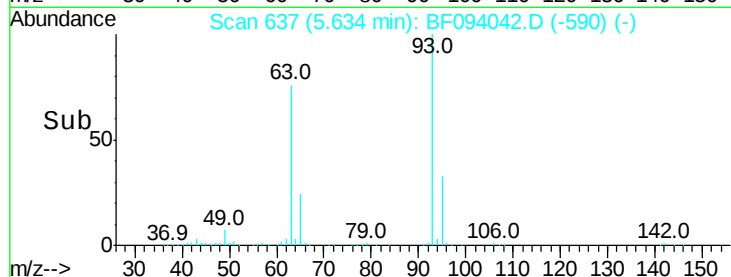
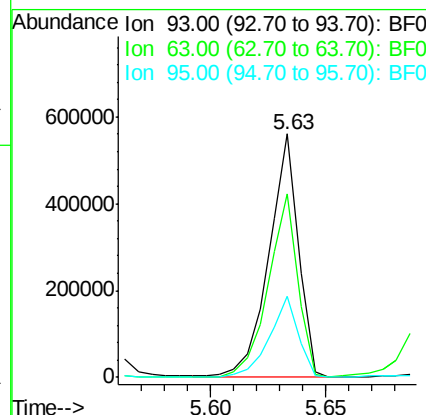
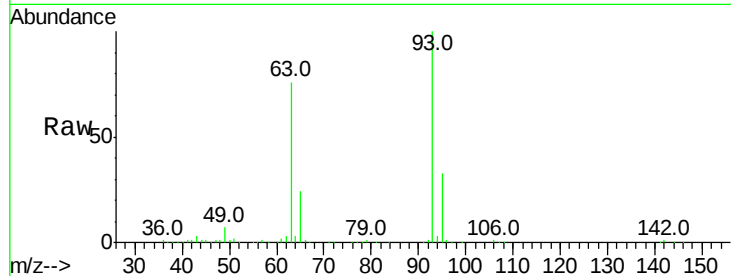
#11
bis(2-Chloroethyl)ether
Concen: 45.37 ng
RT: 5.63 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	59.2	99.2
95	33.0	12.8	52.8

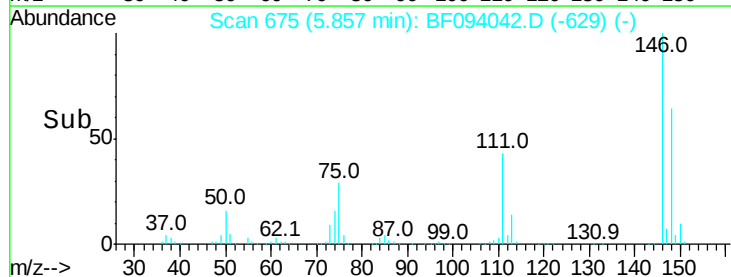
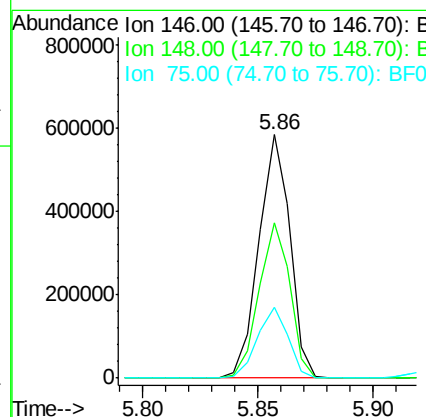
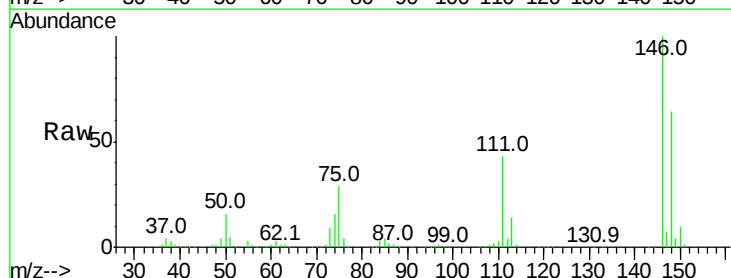
Manual Integrations
APPROVED

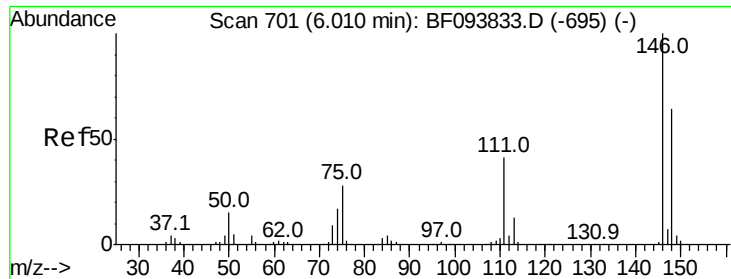
mohammad
3/30/2017 2:33:14 PM



#12
1,3-Dichlorobenzene
Concen: 44.54 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	29.1	23.1	34.7





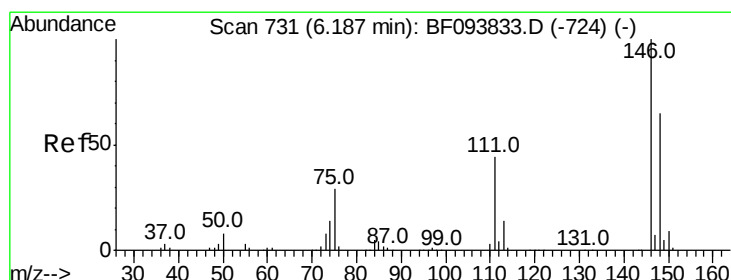
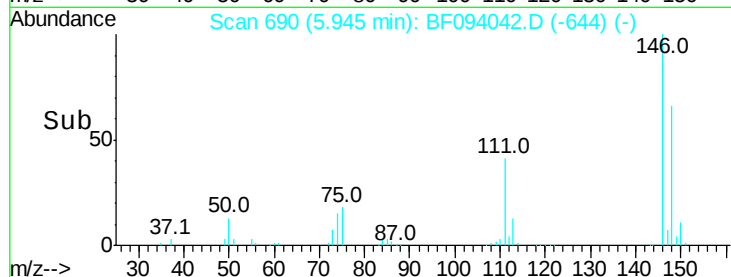
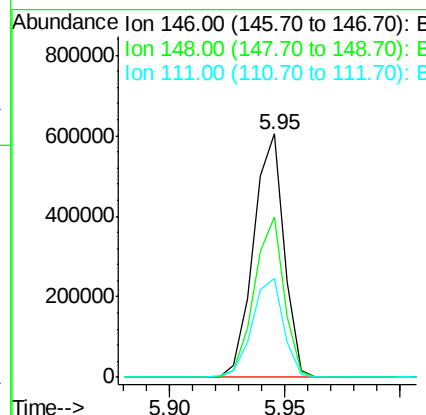
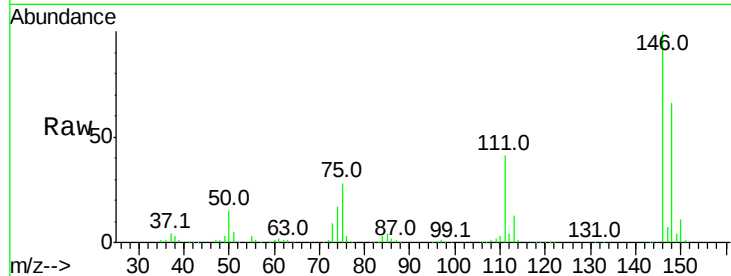
#13
 1,4-Dichlorobenzene
 Concen: 44.71 ng
 RT: 5.95 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.2
111	40.8	30.3	45.5

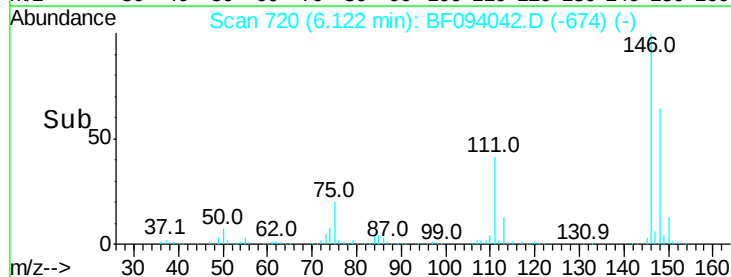
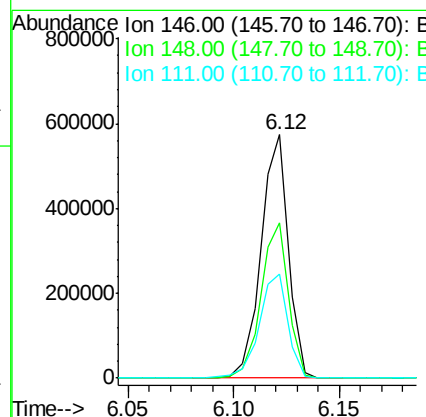
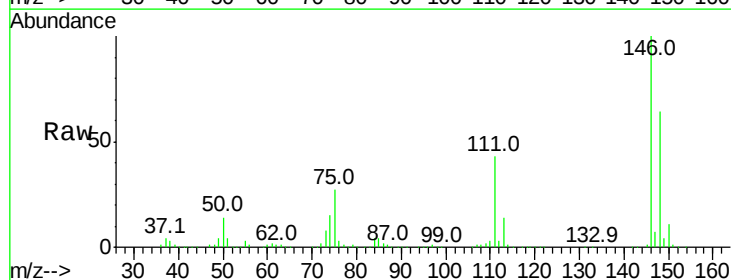
Manual Integrations
 APPROVED

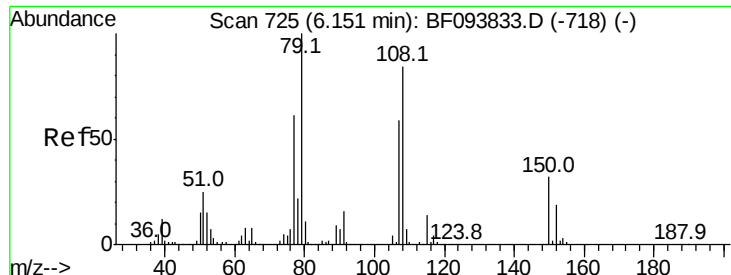
mohammad
 3/30/2017 2:33:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.77 ng
 RT: 6.12 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	42.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 45.54 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BAEMSD

Tot Ion: 79 Resp: 412888

Ion Ratio Lower Upper

79 100

108 76.6 63.4 95.0

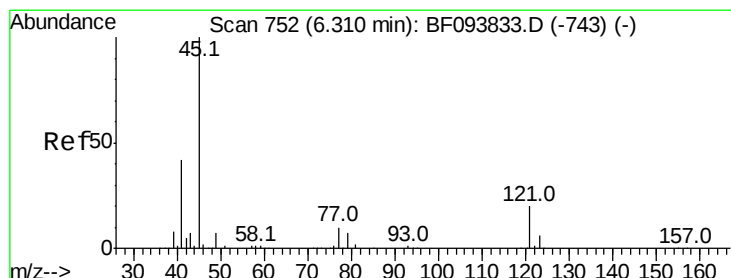
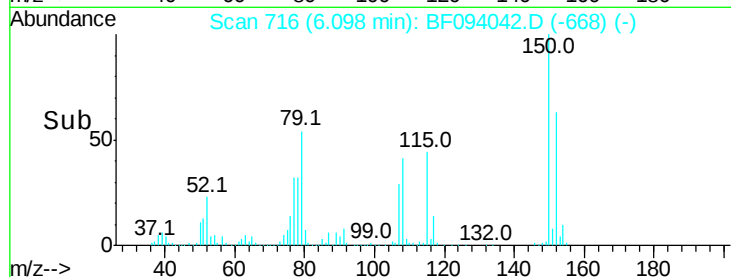
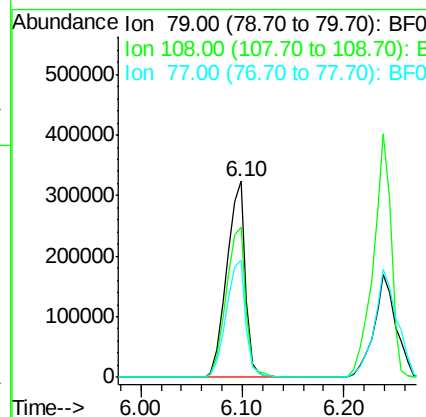
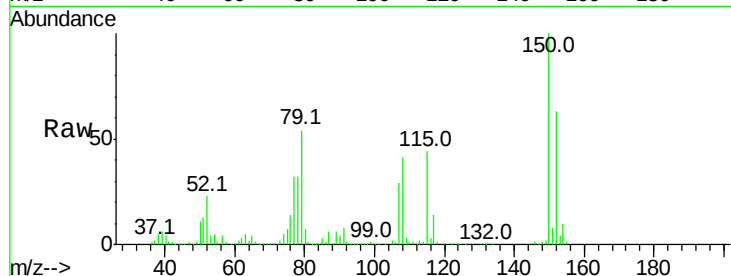
77 59.9 49.2 73.8

Manual Integrations

APPROVED

mohammad

3/30/2017 2:33:14 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.06 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

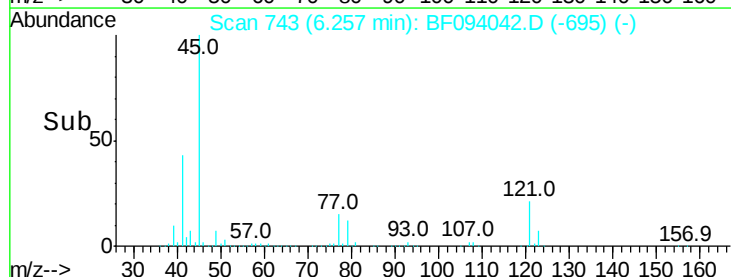
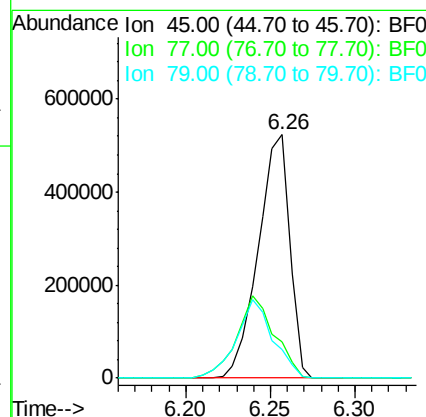
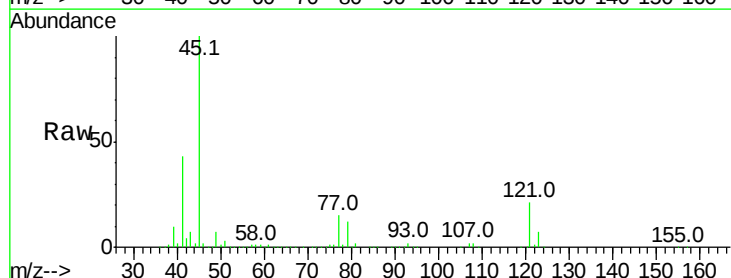
Tgt Ion: 45 Resp: 680049

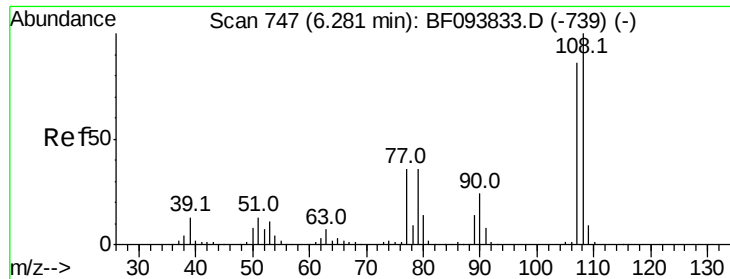
Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.2

79 11.6 0.0 30.0





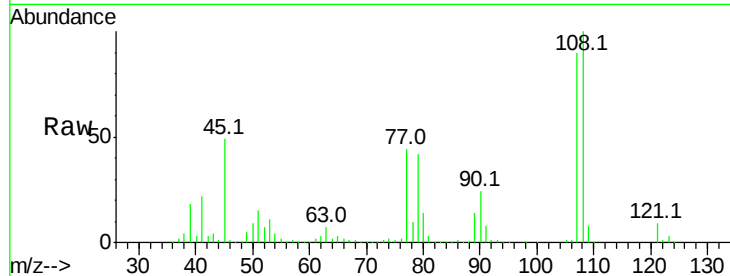
#17
2-Methylphenol
Concen: 46.33 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	93.4	140.0
77	49.2	35.8	53.6
79	47.1	34.8	52.2

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



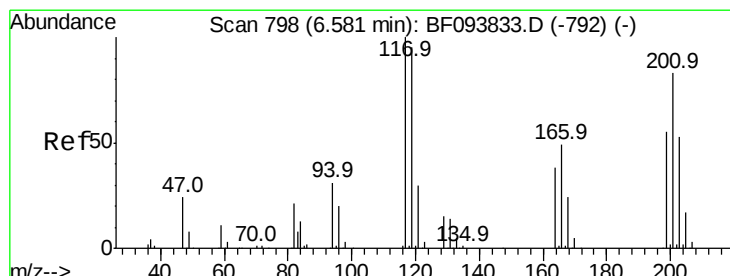
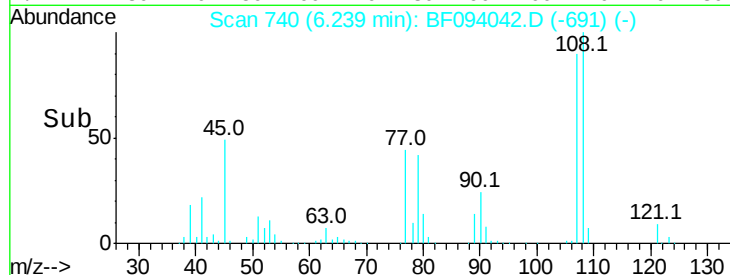
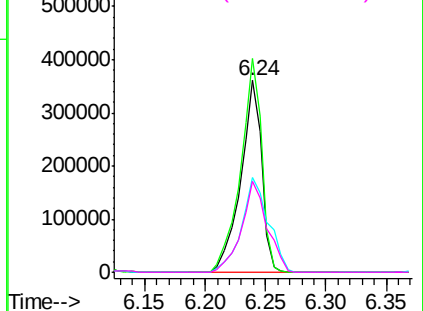
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 41.78 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

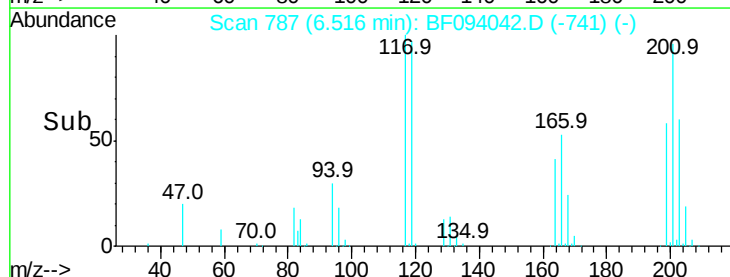
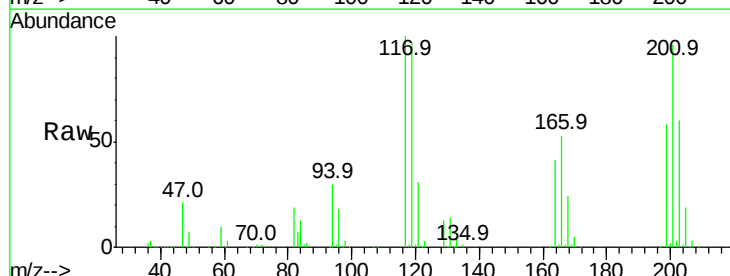
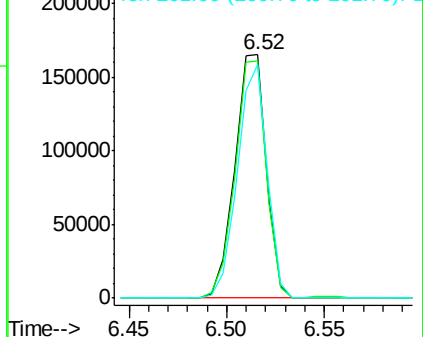
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	96.0	94.6	141.8

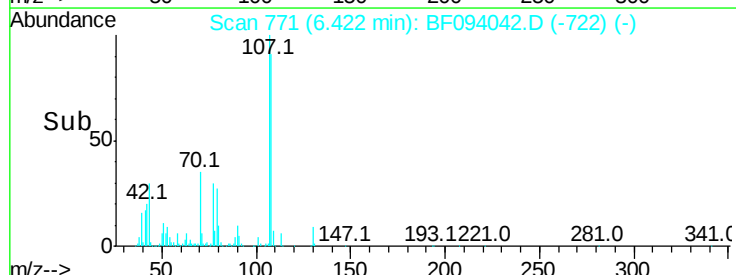
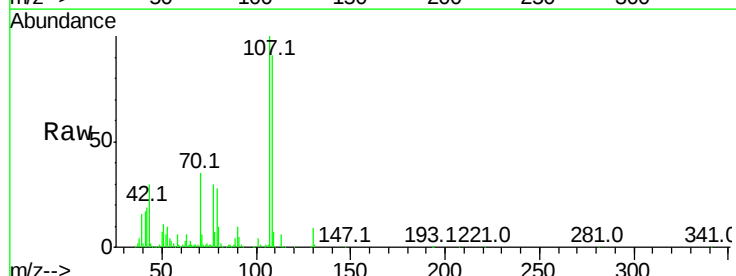
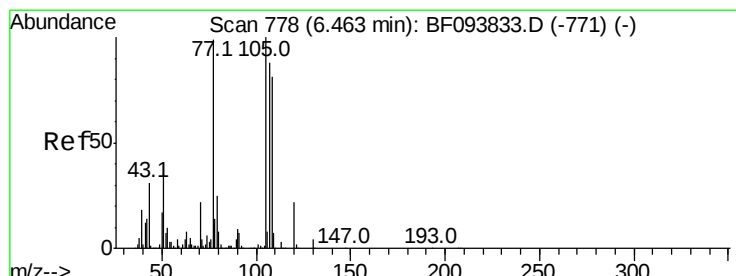
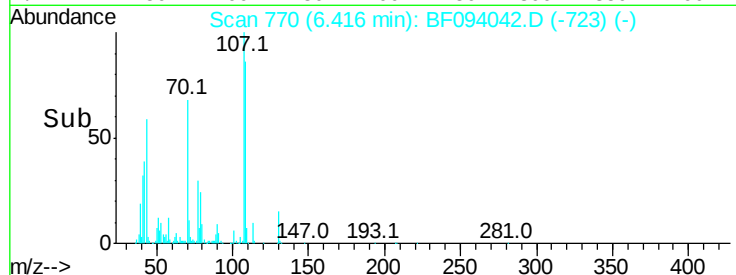
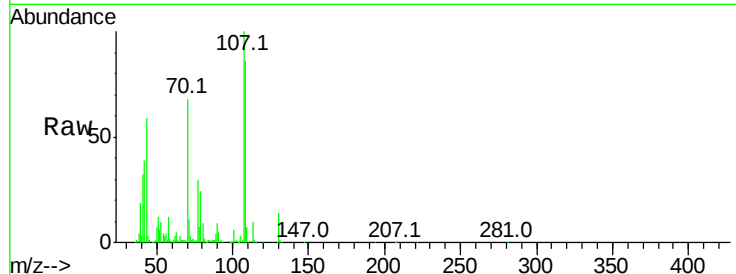
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.64 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF094042.D

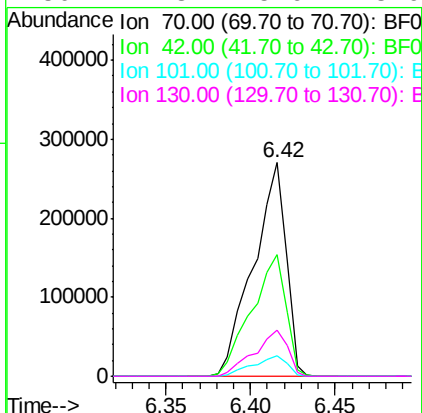
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.7	47.2	70.8	
101	9.4	7.2	10.8	
130	21.3	15.9	23.9	

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#20

3+4-Methylphenols

Concen: 50.41 ng

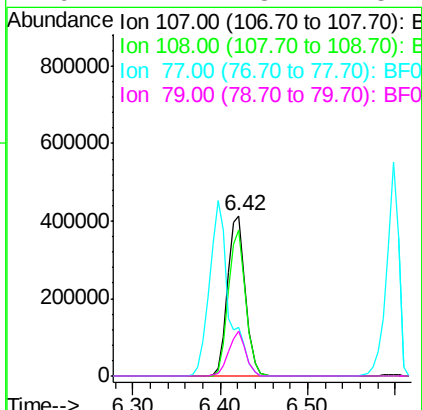
RT: 6.42 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	71.0	111.0	
77	30.0	90.5	130.5#	
79	27.7	8.4	48.4	





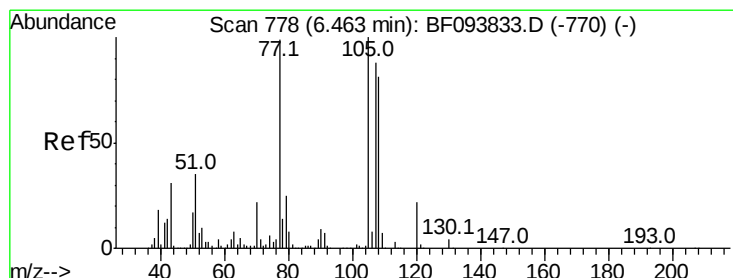
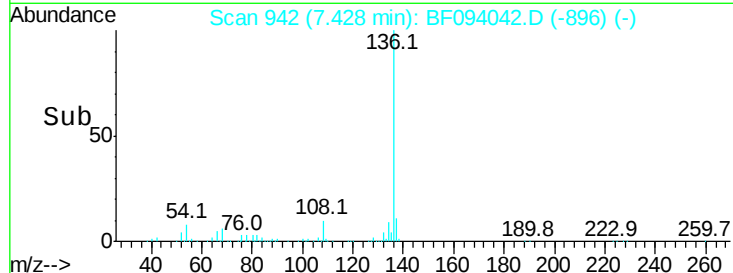
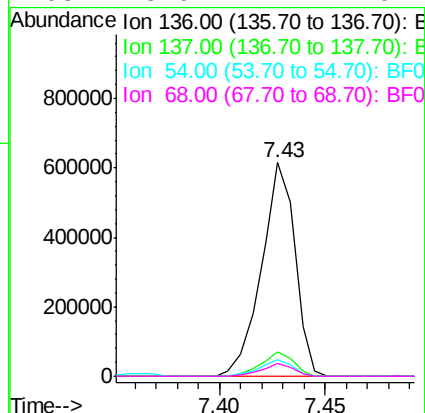
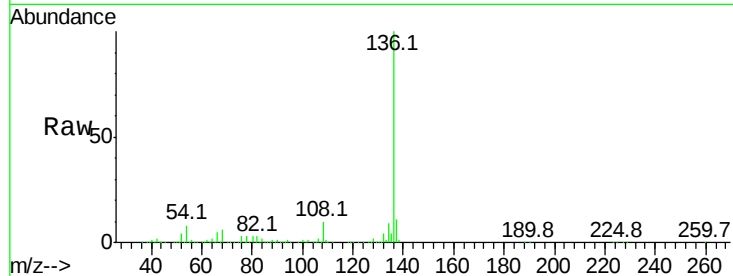
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	677969		
137	11.1	8.5	12.7	
54	7.7	4.9	7.3#	
68	5.9	4.1	6.1	

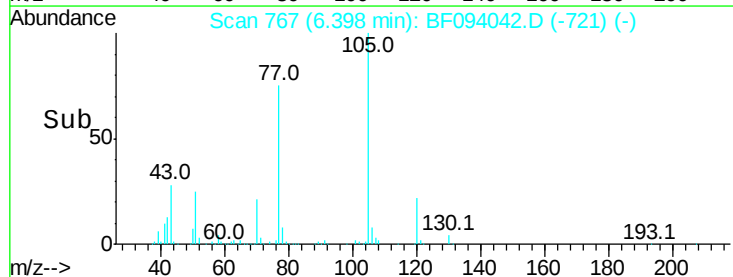
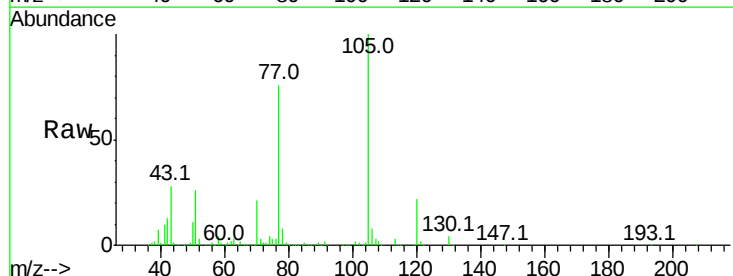
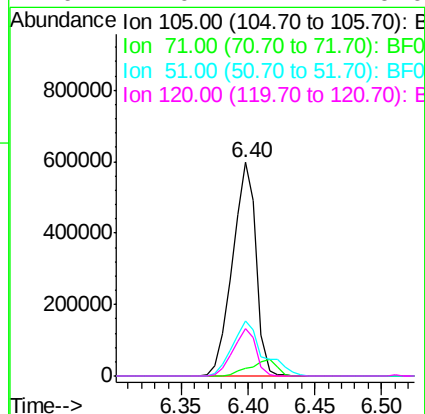
Manual Integrations
APPROVED

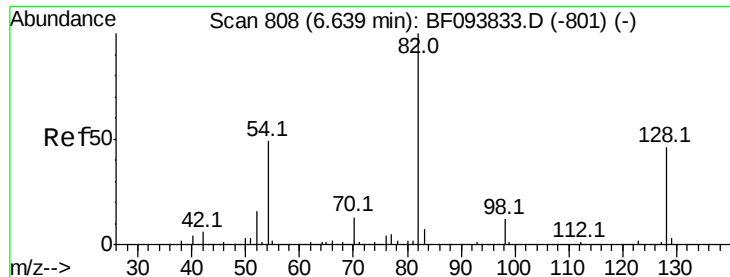
mohammad
3/30/2017 2:33:14 PM



#22
Acetophenone
Concen: 48.99 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	740315		
71	3.3	2.8	4.2	
51	25.7	30.7	46.1#	
120	22.0	17.4	26.0	





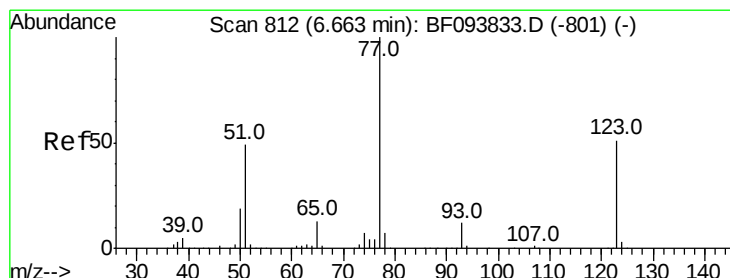
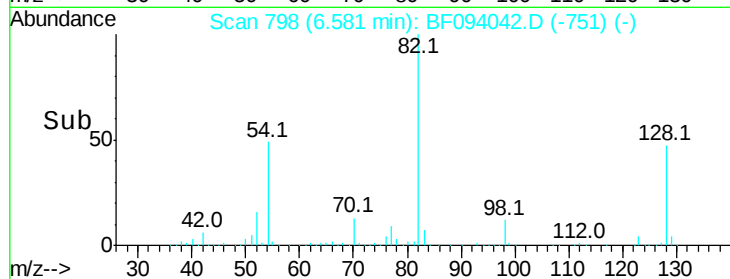
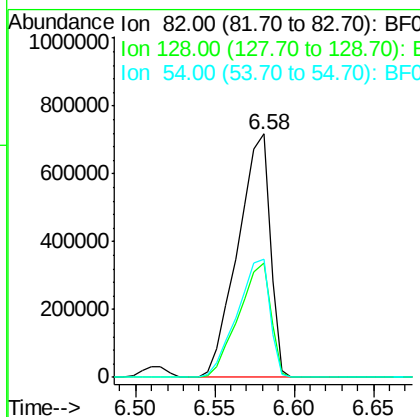
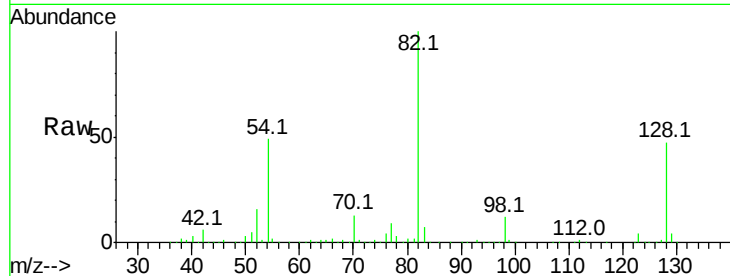
#23
 Nitrobenzene-d5
 Concen: 85.37 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

Tot Ion: 82 Resp: 1014160
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 48.7 42.2 63.2

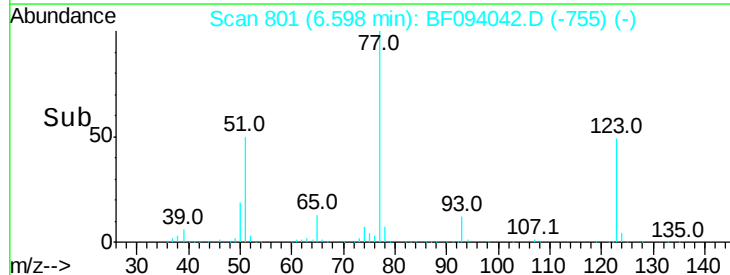
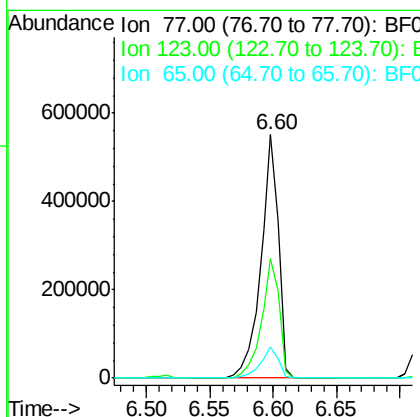
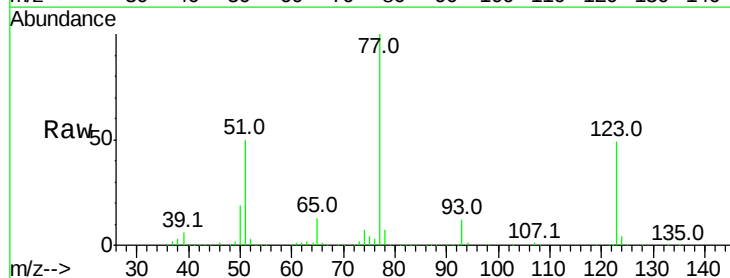
Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM



#24
 Nitrobenzene
 Concen: 45.77 ng
 RT: 6.60 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion: 77 Resp: 536253
 Ion Ratio Lower Upper
 77 100
 123 48.8 35.8 53.8
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 46.14 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

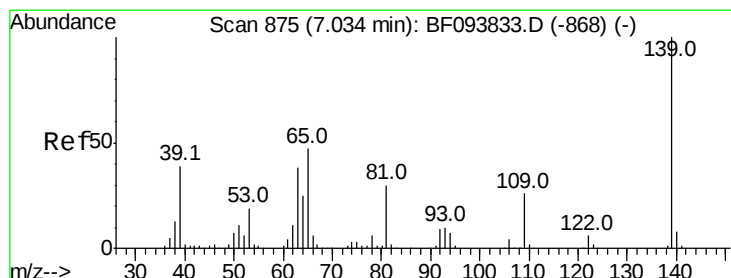
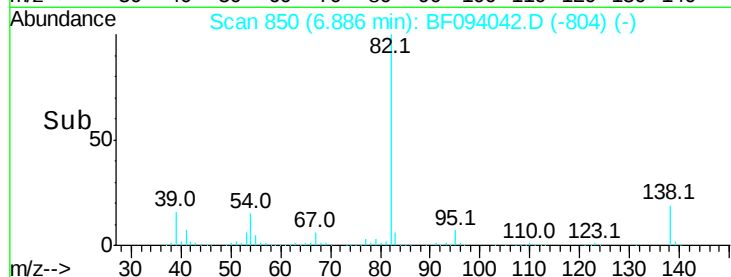
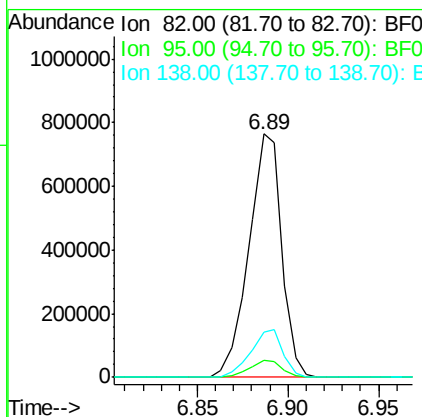
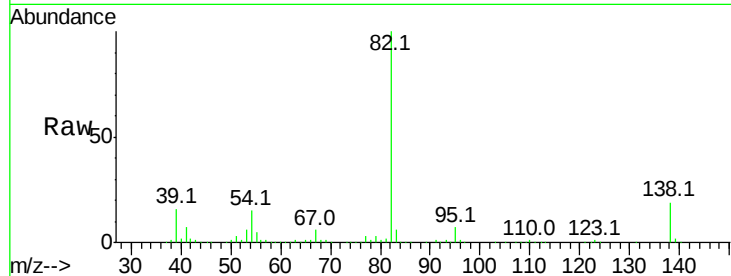
ClientSampleId :

E2-BB-CC-8-9-BAEMSD

Tot Ion:	82	Resp:	963242
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.8	13.1	19.7

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#26

2-Nitrophenol

Concen: 33.63 ng

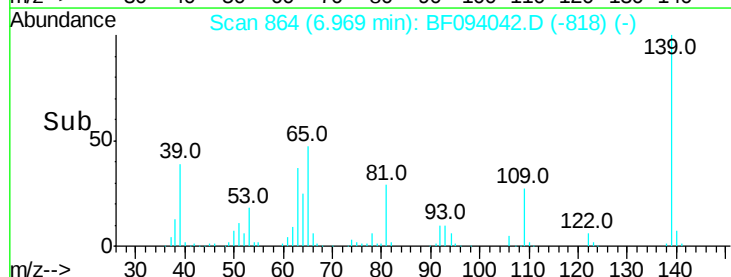
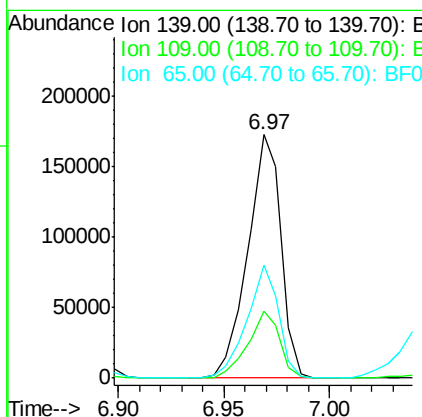
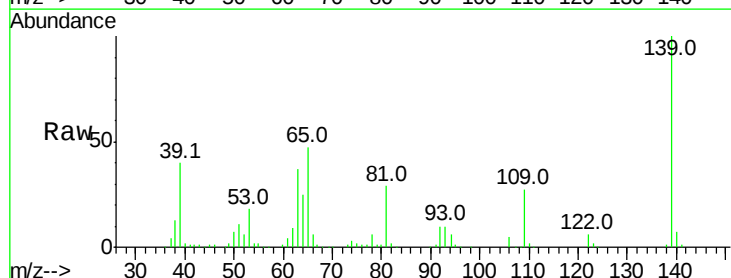
RT: 6.97 min Scan# 864

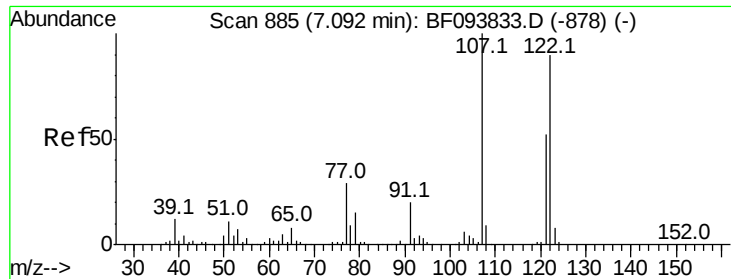
Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:	139	Resp:	187909
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.0	31.6
65	46.6	33.0	49.6





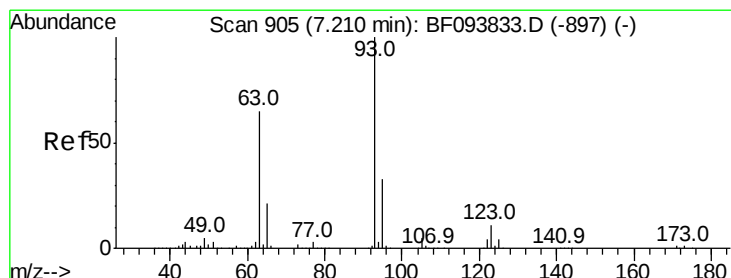
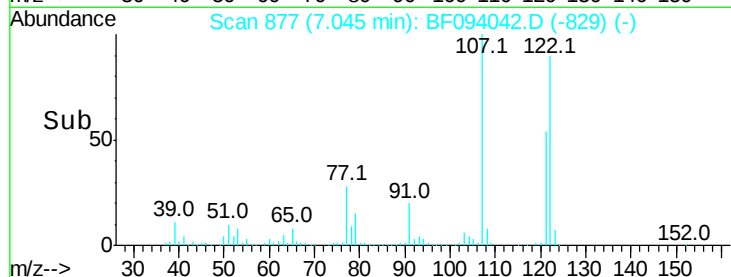
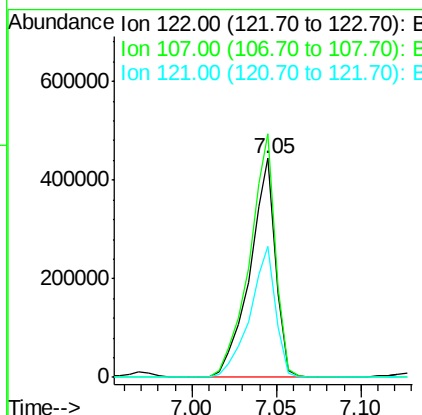
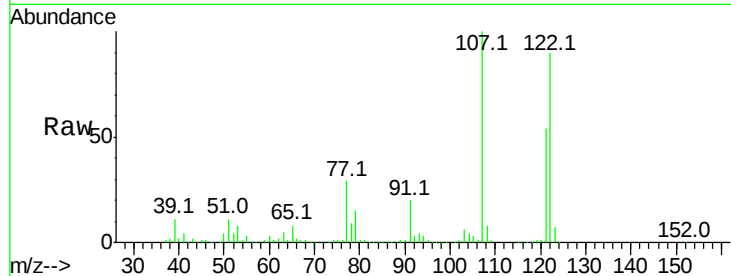
#27
2,4-Dimethylphenol
Concen: 49.44 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	89.2	133.8
121	59.8	45.2	67.8

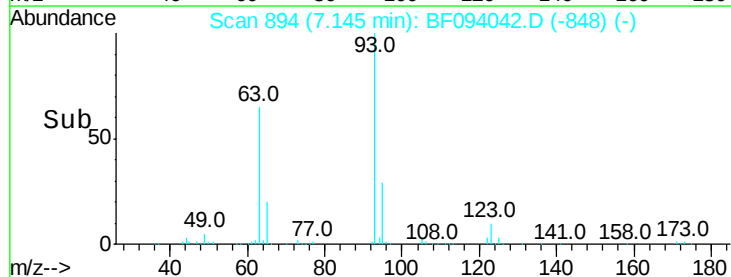
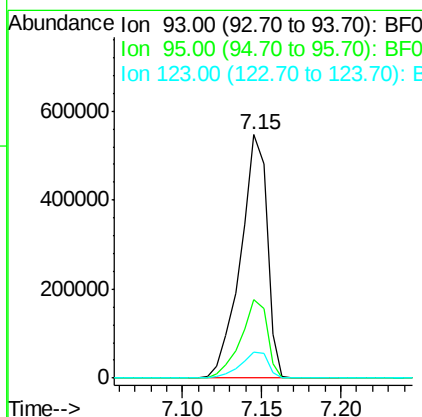
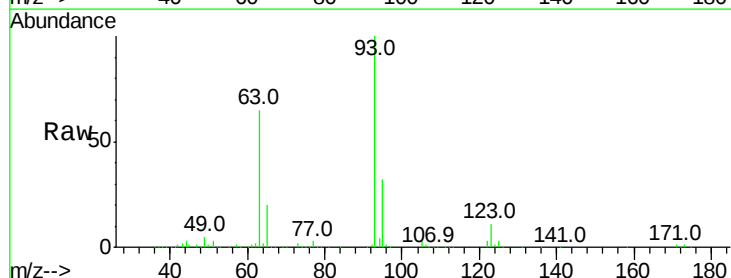
Manual Integrations
APPROVED

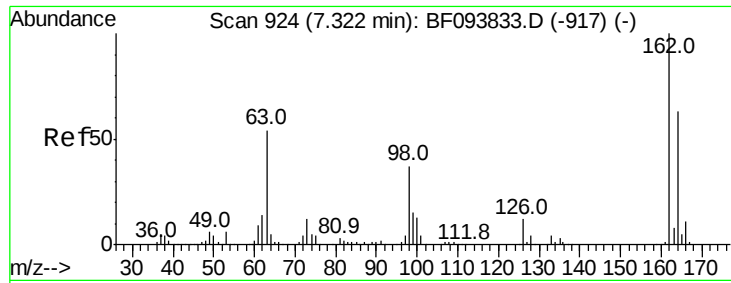
mohammad
3/30/2017 2:33:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.09 ng
RT: 7.15 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	10.9	9.0	13.4





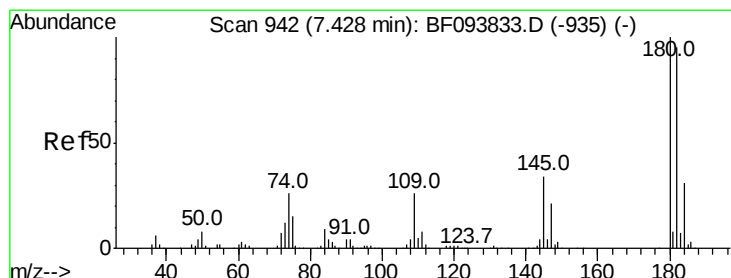
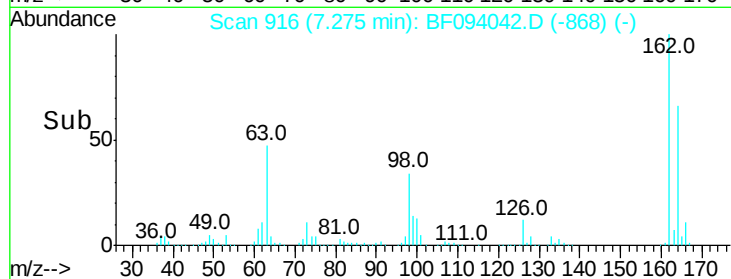
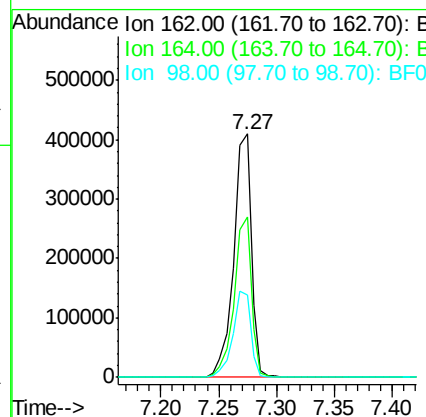
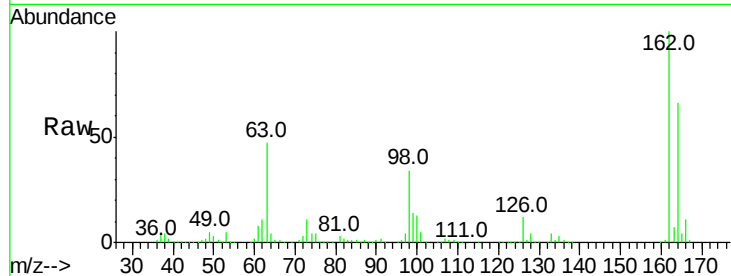
#29
 2,4-Dichlorophenol
 Concen: 48.86 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	439842		
164	65.8		44.6	84.6
98	33.8		14.8	54.8

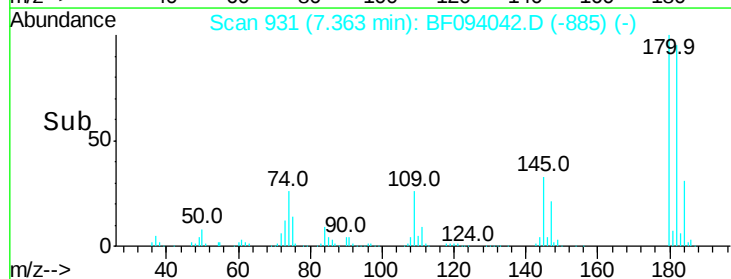
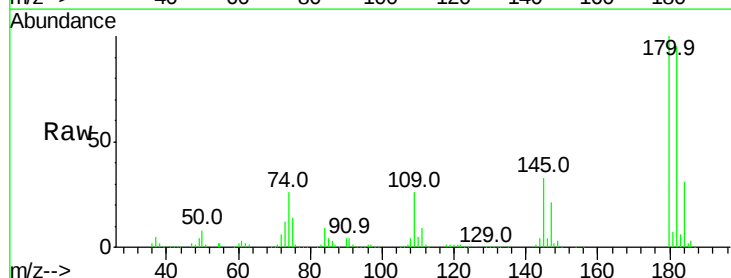
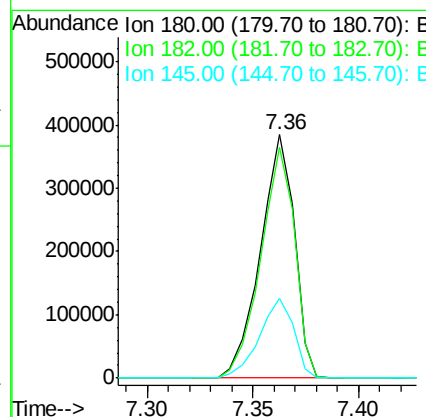
Manual Integrations
 APPROVED

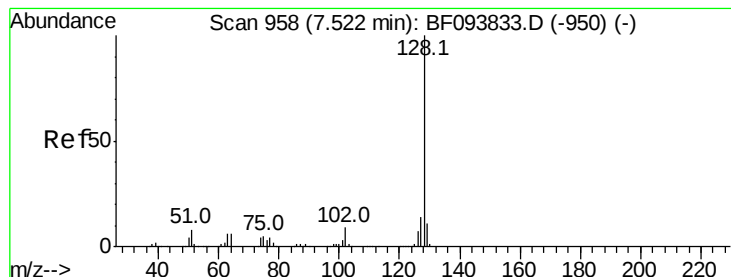
mohammad
 3/30/2017 2:33:14 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.59 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	431920		
182	95.0		75.8	113.6
145	32.9		25.3	37.9





#31

Naphthalene

Concen: 46.05 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:128 Resp: 1501163

Ion Ratio Lower Upper

128 100

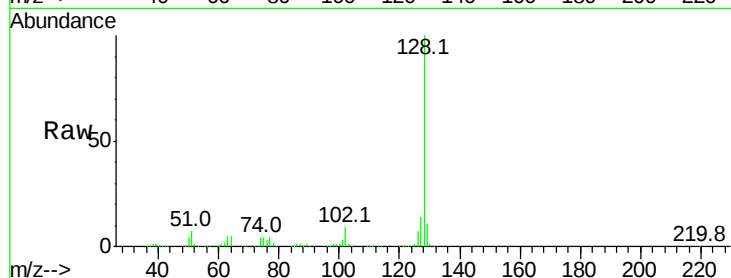
129 11.2 9.0 13.6

127 13.6 10.8 16.2

Manual Integrations
APPROVED

mohammad

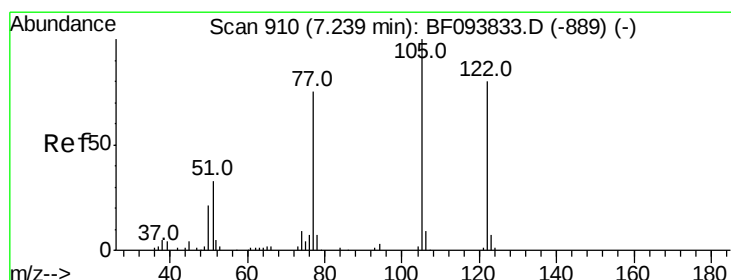
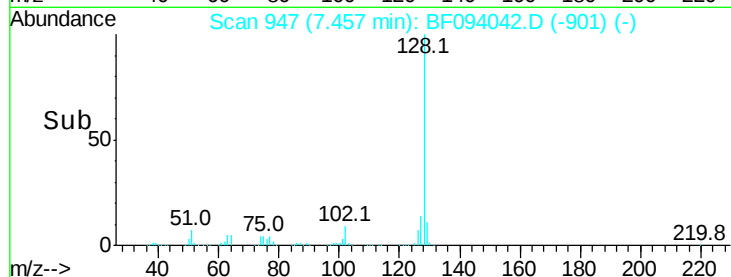
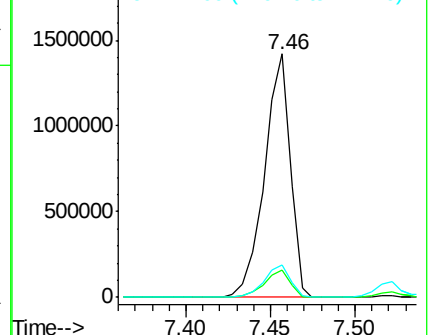
3/30/2017 2:33:14 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.72 ng

RT: 7.14 min Scan# 893

Delta R.T. -0.08 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

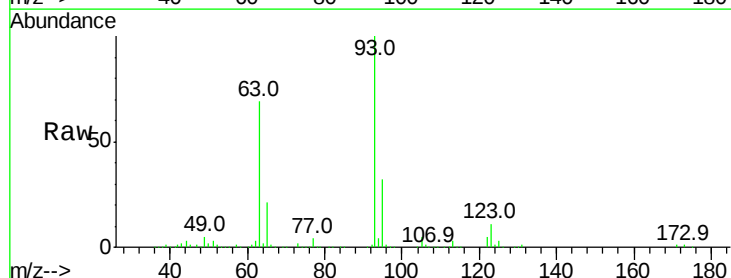
Tgt Ion:122 Resp: 23872

Ion Ratio Lower Upper

122 100

105 109.7 103.3 143.3

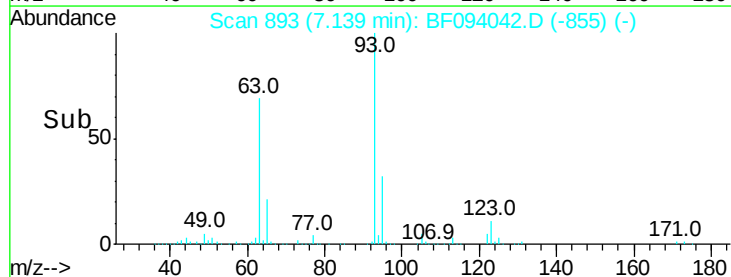
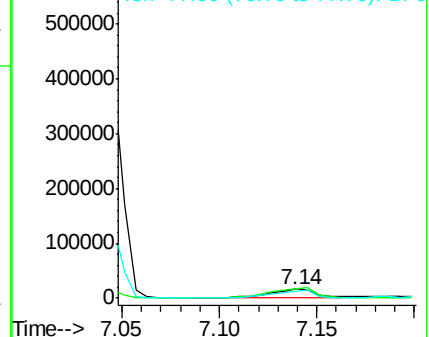
77 83.5 73.7 113.7

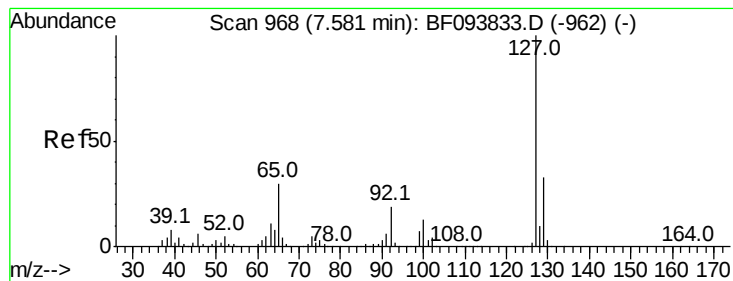


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.51 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

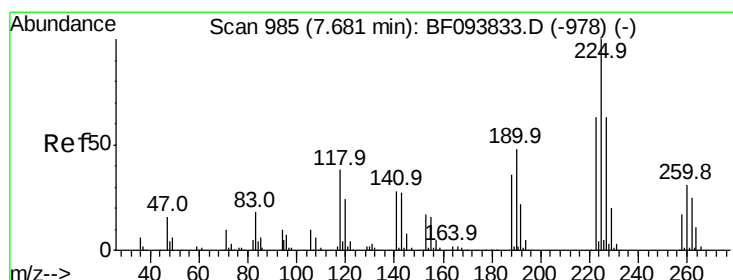
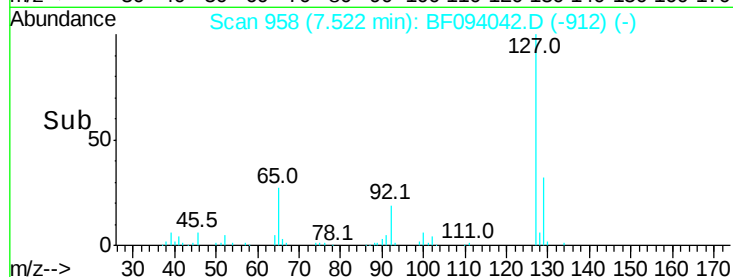
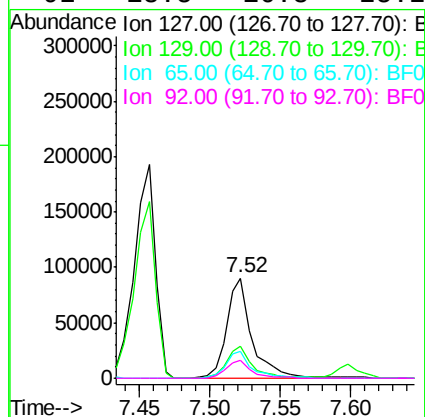
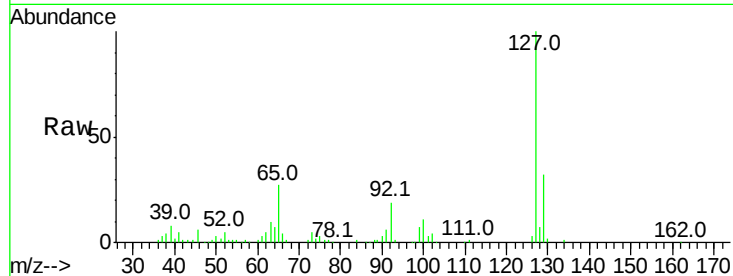
ClientSampleId :

E2-BB-CC-8-9-BAEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.2	39.2		
65	27.2	27.8	41.8		
92	18.5	16.8	25.2		

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#34

Hexachlorobutadiene

Concen: 45.24 ng

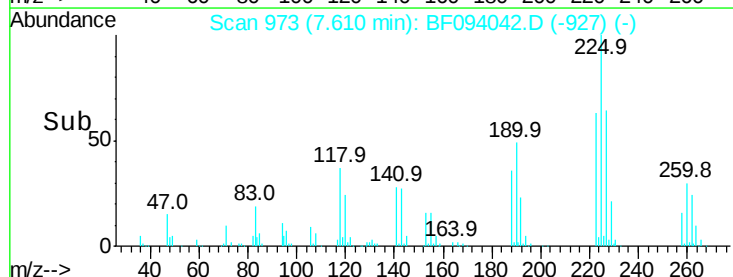
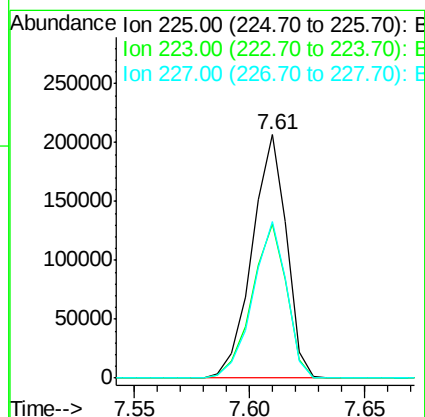
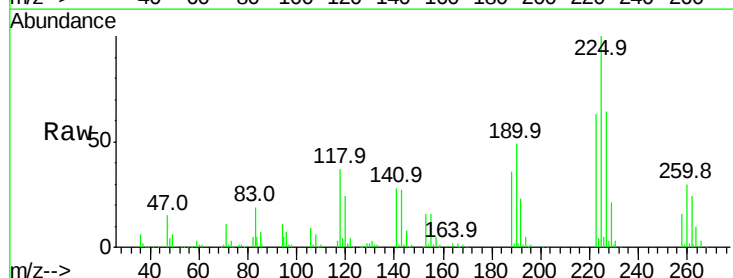
RT: 7.61 min Scan# 973

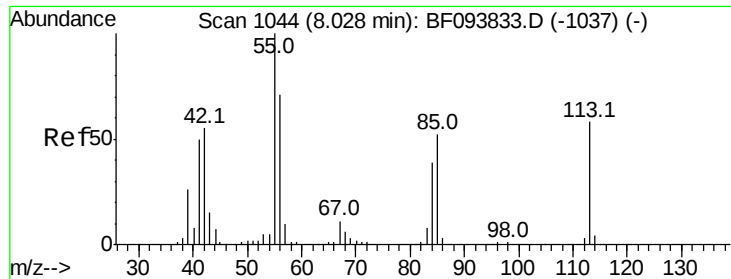
Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	48.8	73.2		
227	64.1	51.1	76.7		





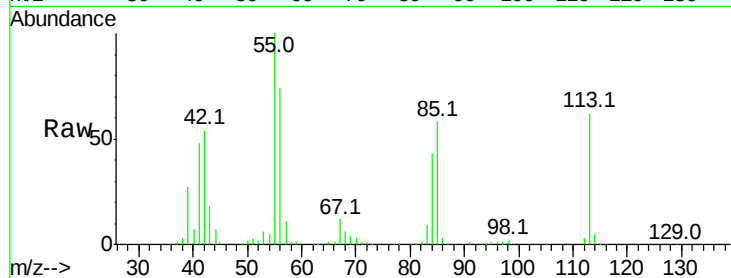
#35
 Caprolactam
 Concen: 50.00 ng/ml
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.6	150.2	190.2
56	118.4	107.8	147.8

Manual Integrations
 APPROVED

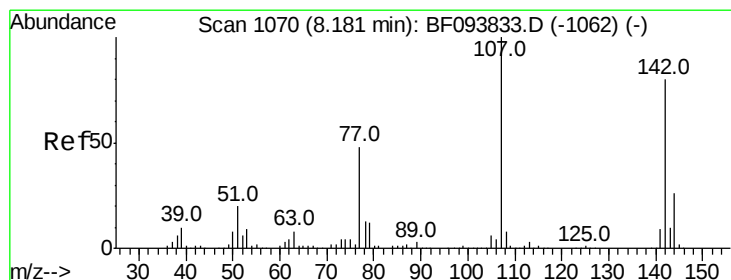
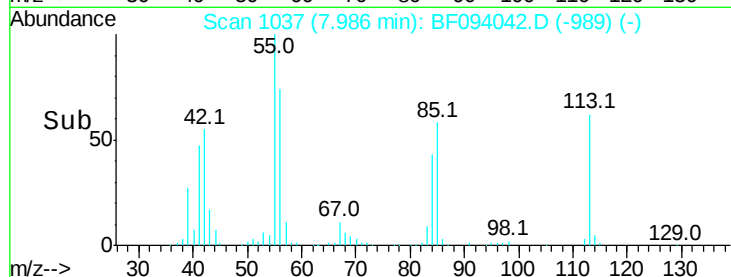
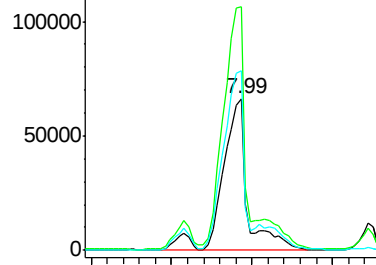
mohammad
 3/30/2017 2:33:14 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



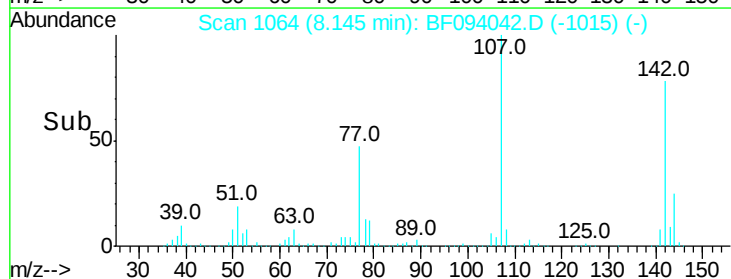
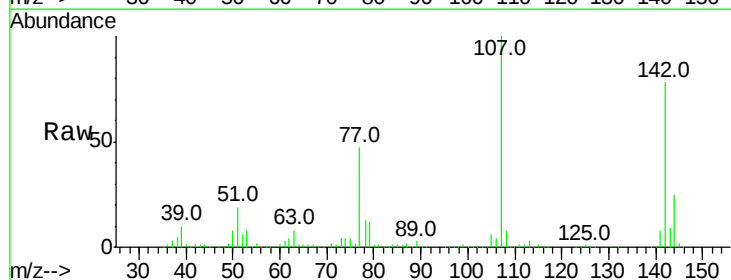
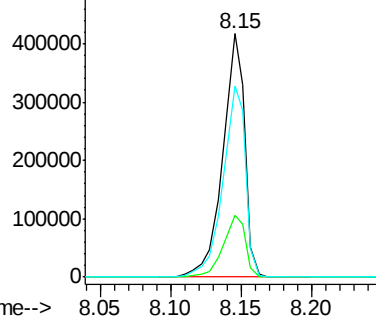
#36
 4-Chloro-3-methylphenol
 Concen: 48.62 ng/ml
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

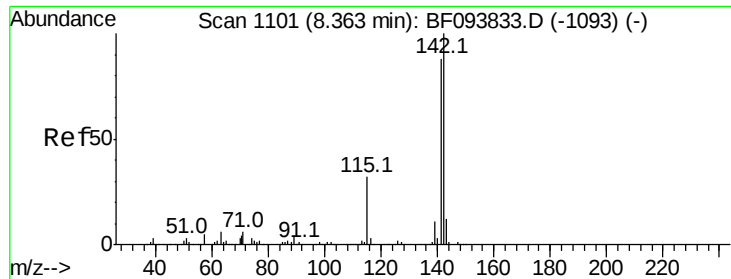
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	24.2	36.4
142	78.3	73.4	110.0

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





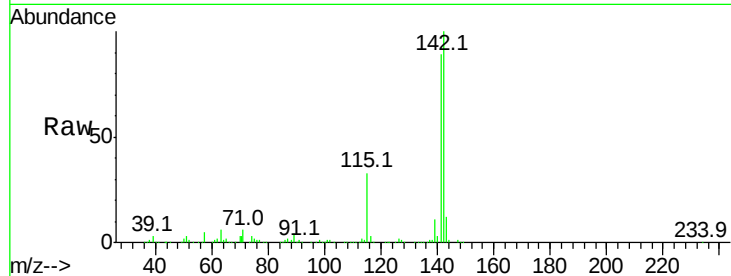
#37
2-Methylnaphthalene
Concen: 46.77 ng
RT: 8.30 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

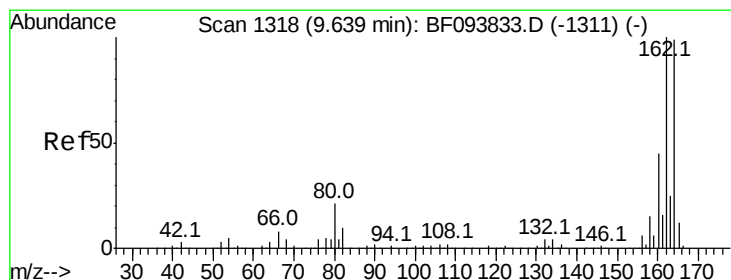
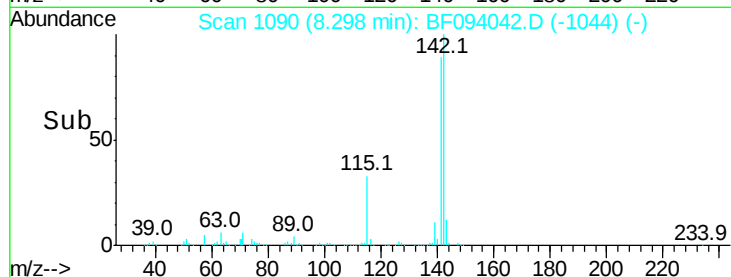
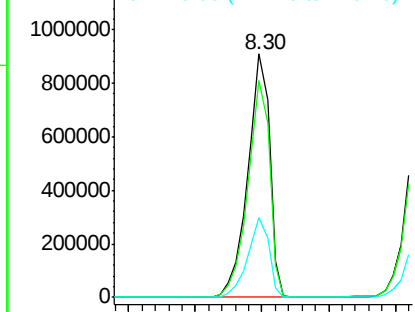
Tot Ion:142 Resp: 1016337
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 32.9 27.1 40.7

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM

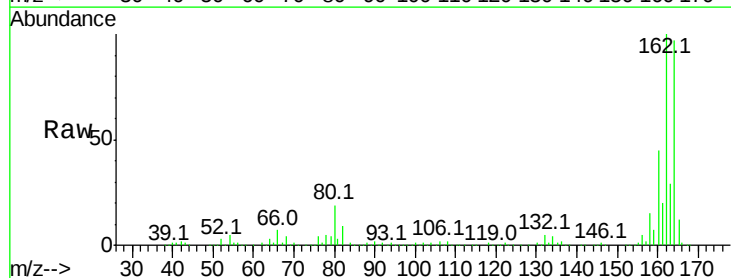


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

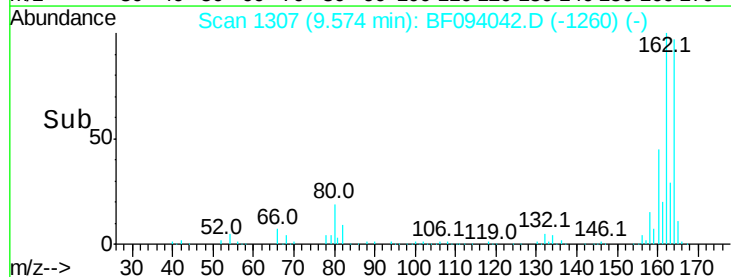
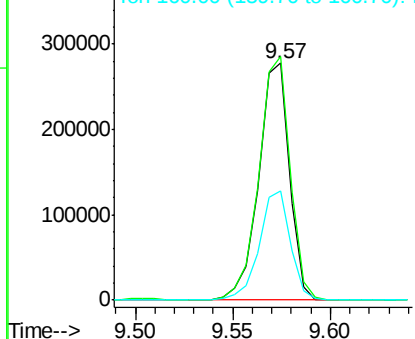


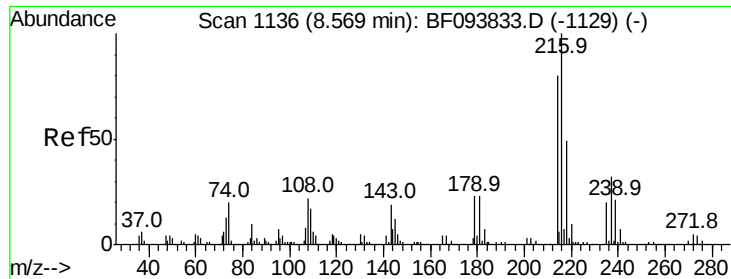
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:164 Resp: 302584
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 46.4 36.2 54.2



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





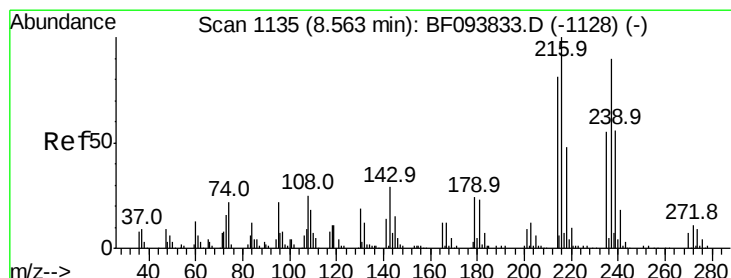
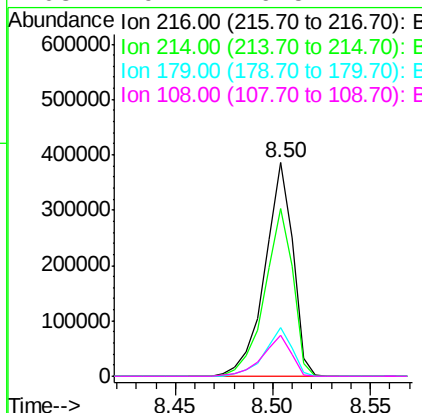
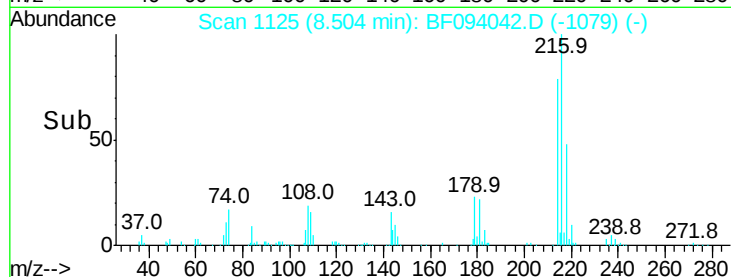
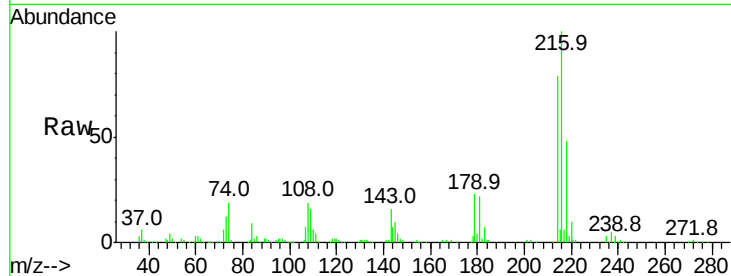
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.26 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.2	17.9	26.9
108	19.7	16.5	24.7

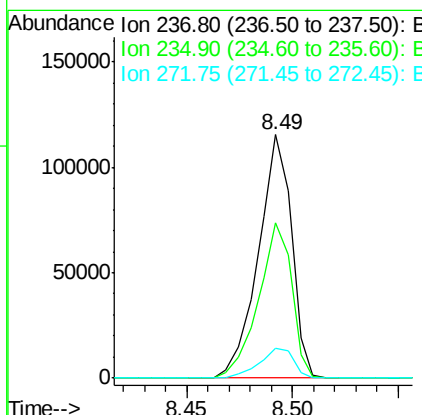
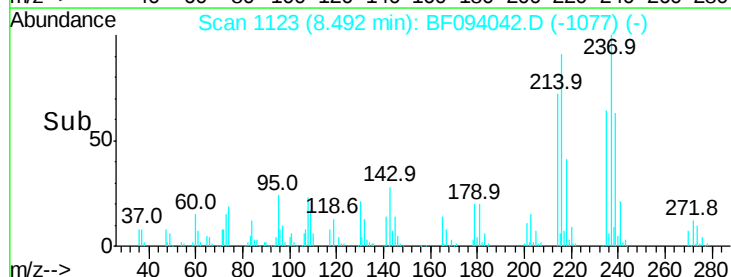
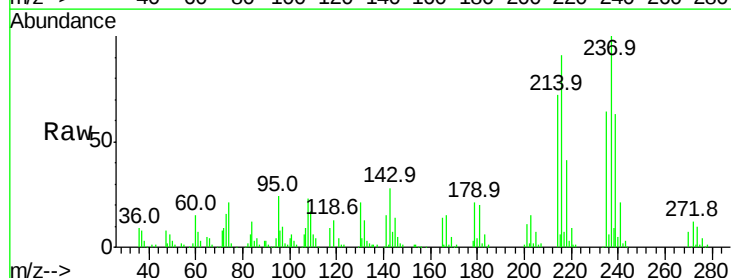
Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM



#40
 Hexachlorocyclopentadiene
 Concen: 32.60 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	42.6	82.6
272	12.1	0.0	31.9





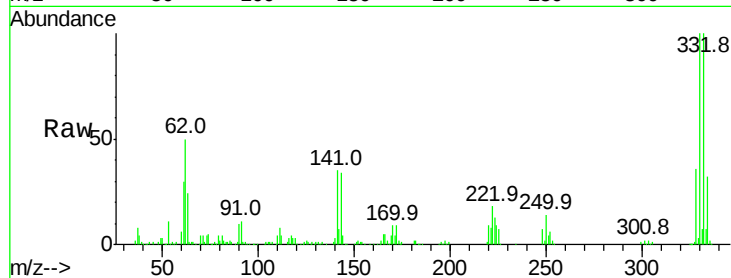
#41
 2,4,6-Tribromophenol
 Concen: 123.00 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

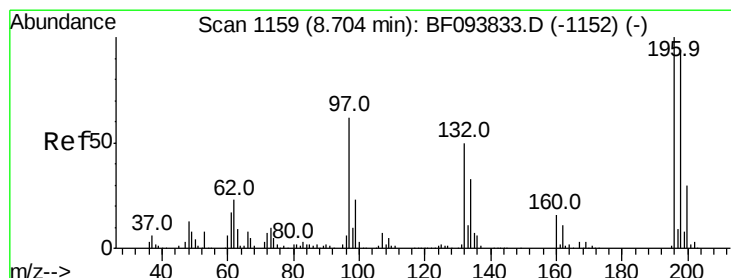
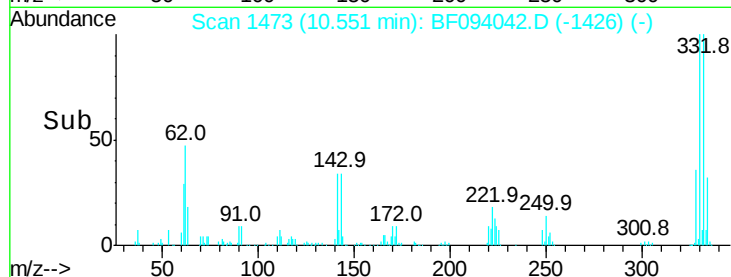
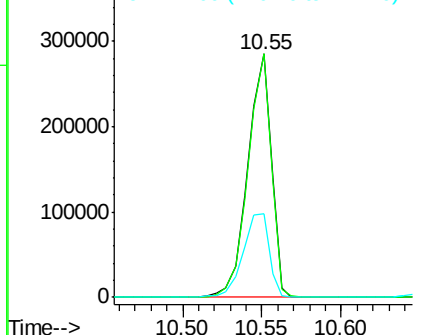
Tot Ion	Ratio	Resp	Lower	Upper
330	100	294105		
332	98.7	76.6	115.0	
141	38.7	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM



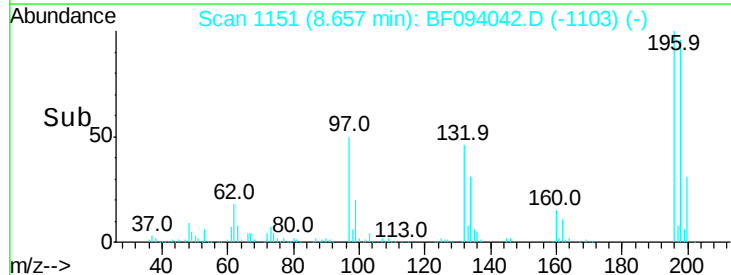
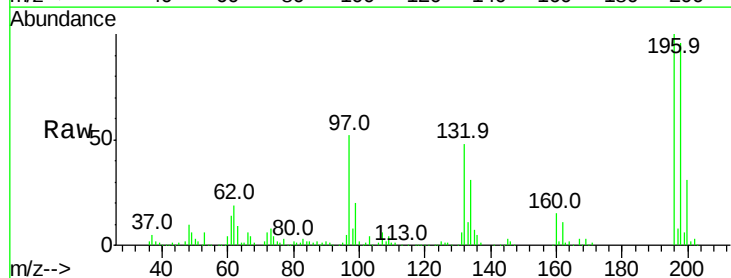
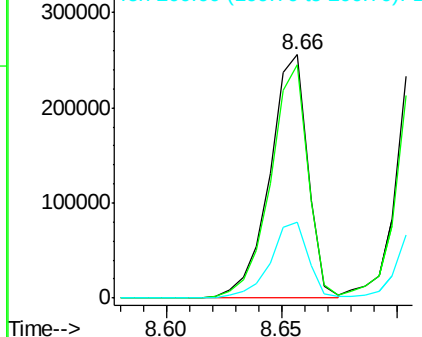
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.02 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292921		
198	96.0	74.2	111.4	
200	31.2	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





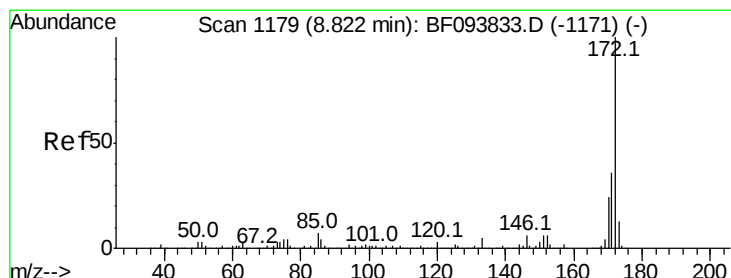
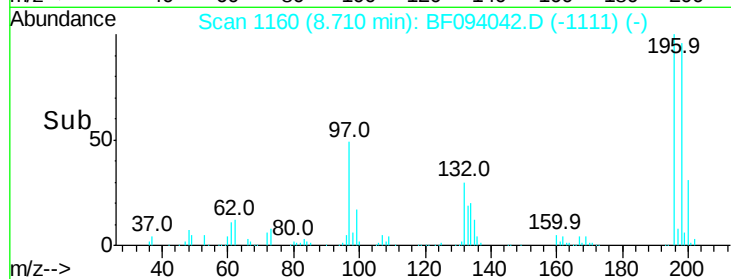
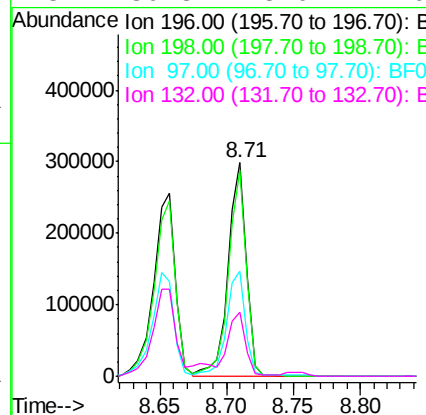
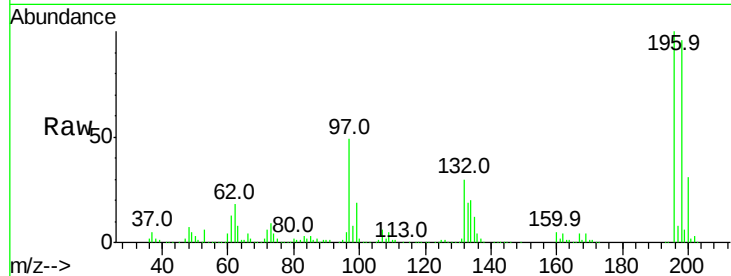
#43
 2,4,5-Trichlorophenol
 Concen: 45.52 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288483		
198	96.3		75.7	113.5
97	49.1		47.7	71.5
132	30.3		28.0	42.0

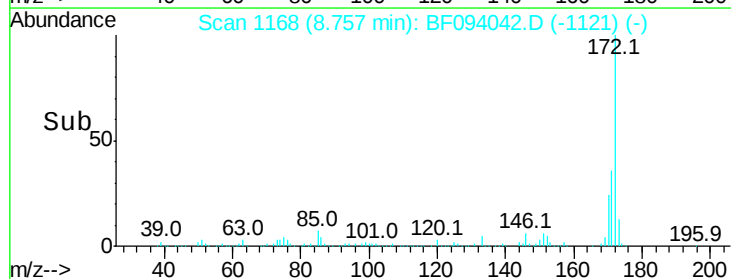
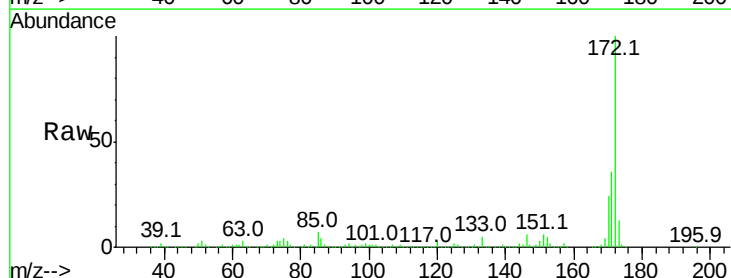
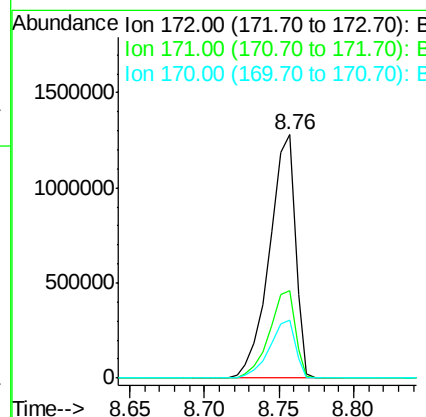
Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM



#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1535424		
171	35.8		29.6	44.4
170	23.8		19.8	29.8





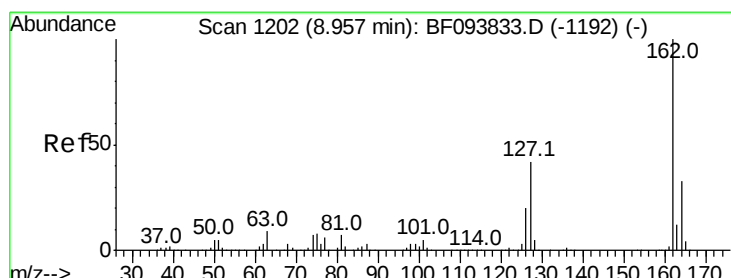
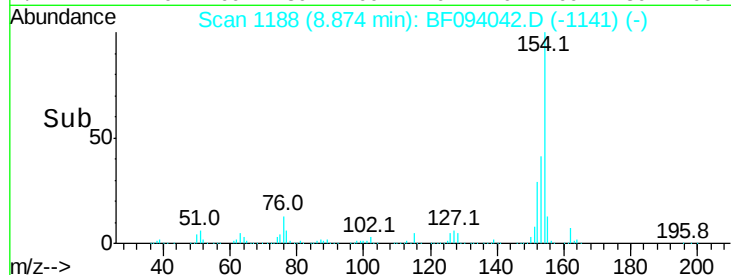
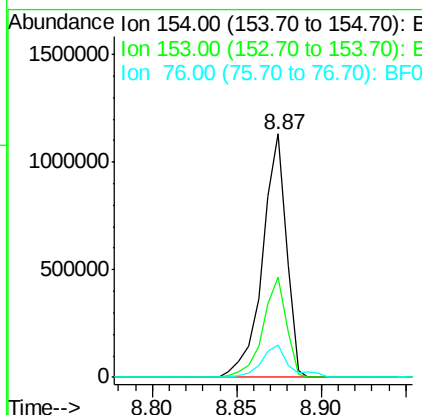
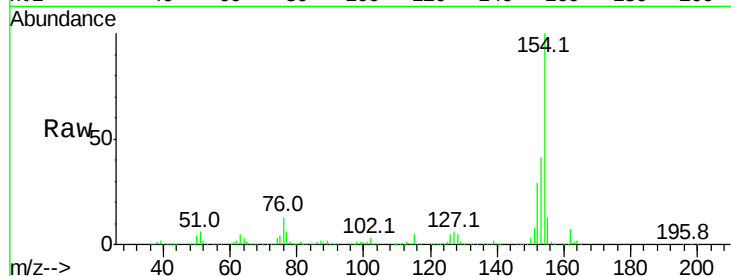
#45
 1,1'-Biphenyl
 Concen: 45.31 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	13.4	0.0	29.9

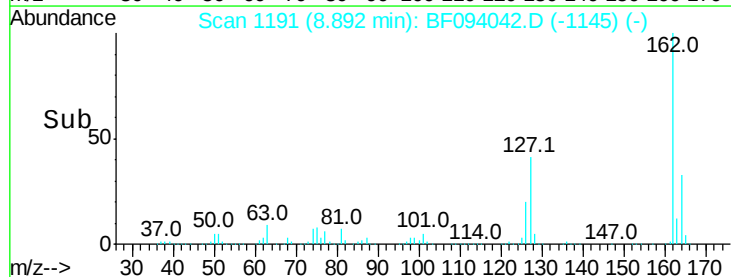
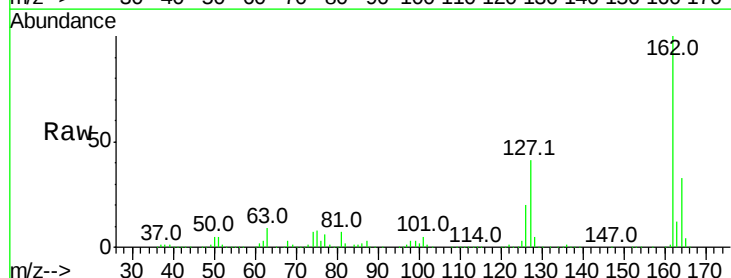
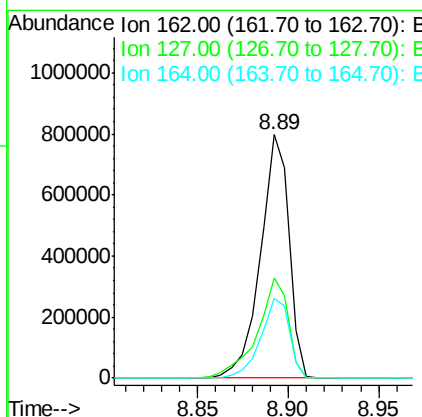
Manual Integrations
 APPROVED

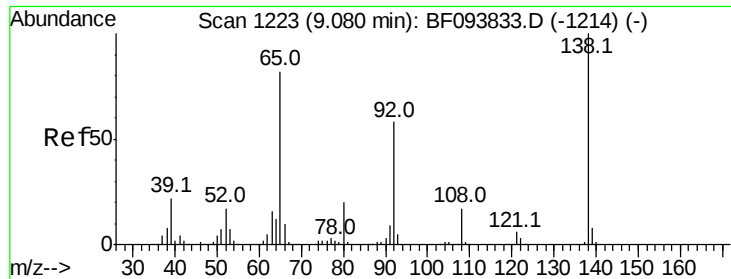
mohammad
 3/30/2017 2:33:14 PM



#46
 2-Chloronaphthalene
 Concen: 45.75 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	32.7	27.0	40.4





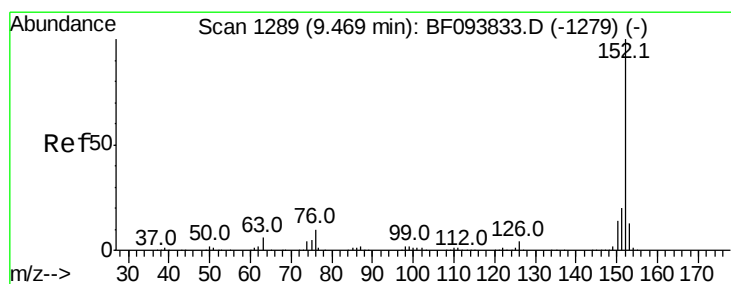
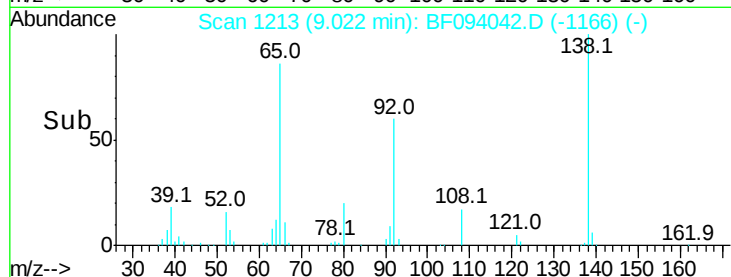
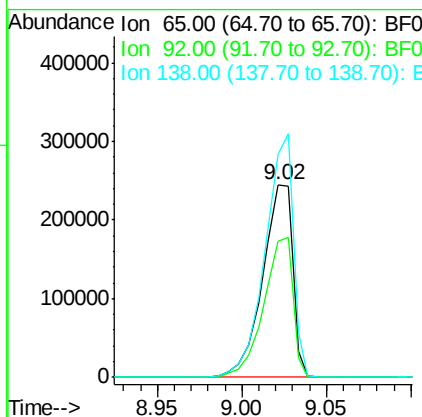
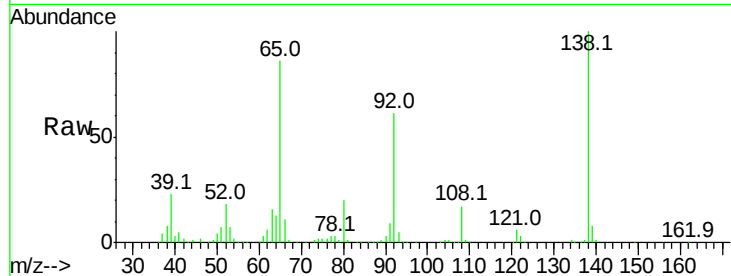
#47
2-Nitroaniline
Concen: 53.39 ng
RT: 9.02 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion: 65 Resp: 302611
Ion Ratio Lower Upper
65 100
92 70.5 53.9 80.9
138 115.9 78.8 118.2

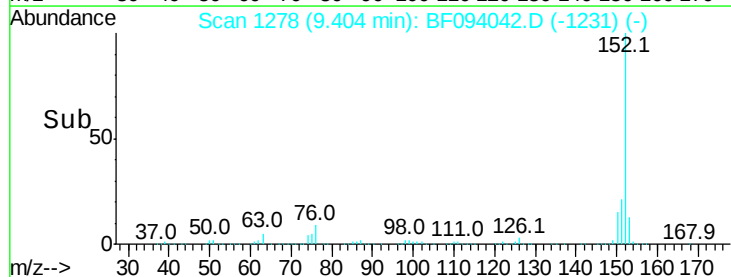
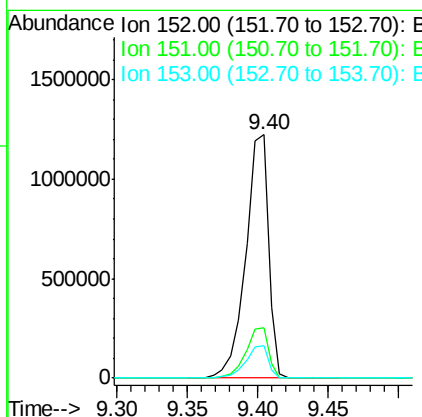
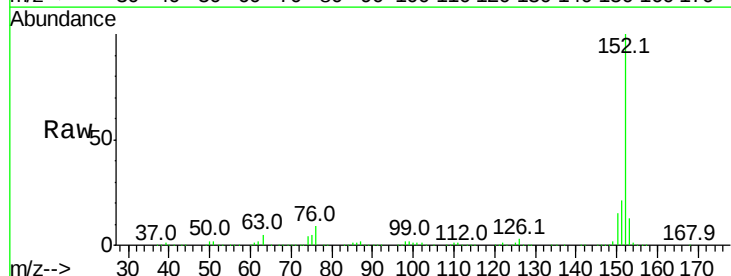
Manual Integrations
APPROVED

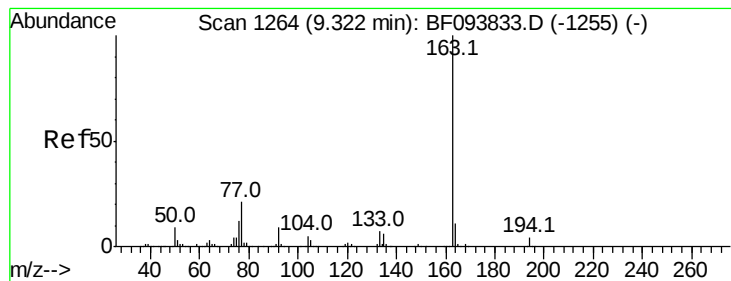
mohammad
3/30/2017 2:33:14 PM



#48
Acenaphthylene
Concen: 43.69 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:152 Resp: 1387098
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 54.51 ng

RT: 9.26 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:163 Resp: 1172408

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

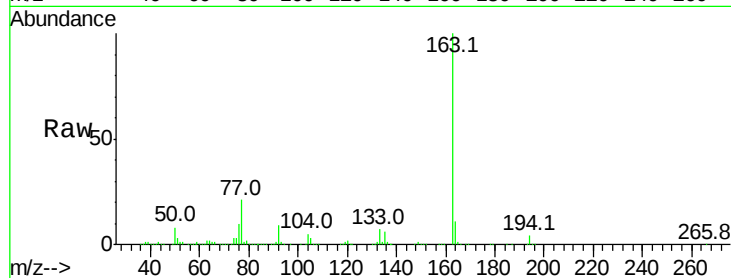
164 10.6 8.4 12.6

Manual Integrations

APPROVED

mohammad

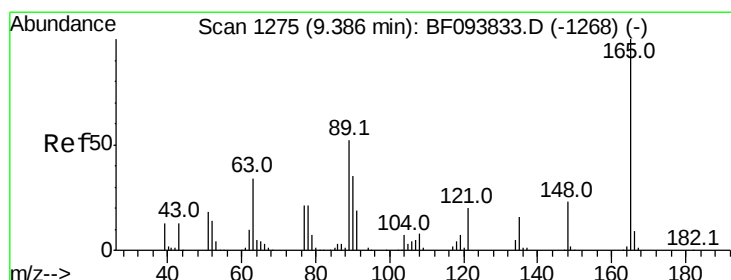
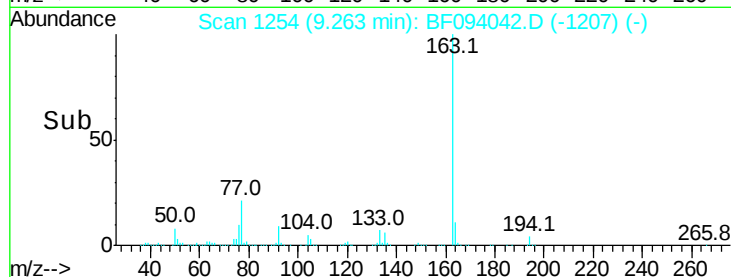
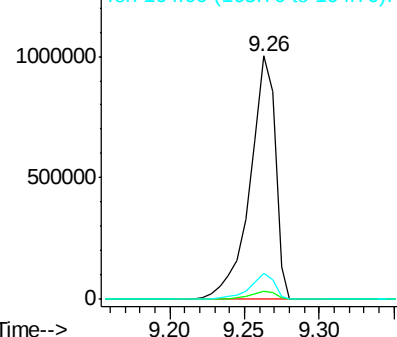
3/30/2017 2:33:14 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.25 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

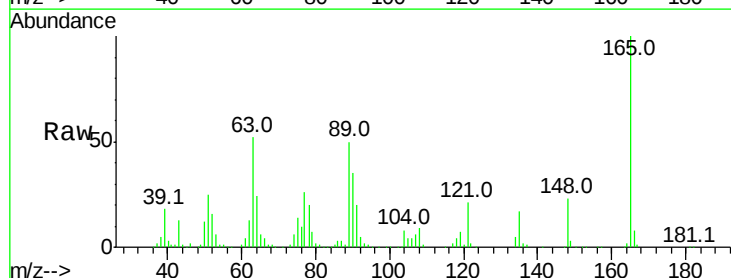
Tgt Ion:165 Resp: 203385

Ion Ratio Lower Upper

165 100

63 52.1 34.3 51.5#

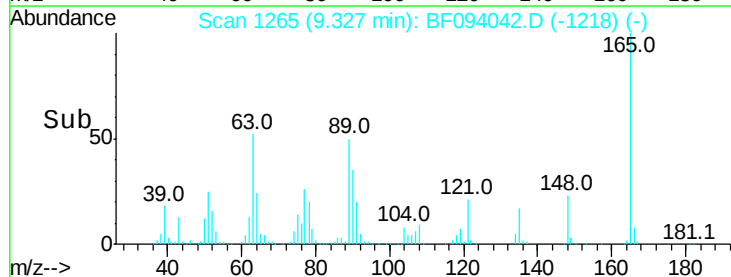
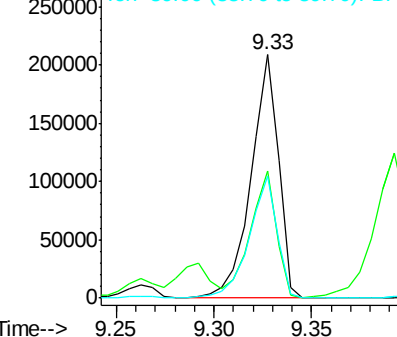
89 50.2 37.1 55.7

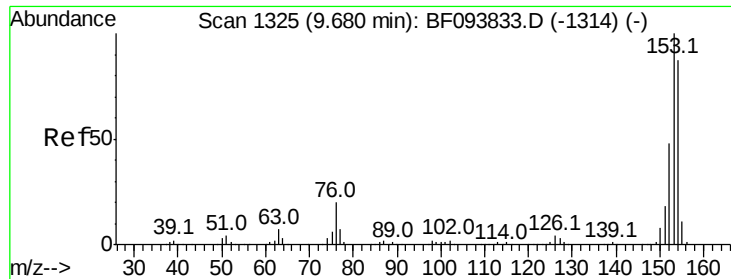


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





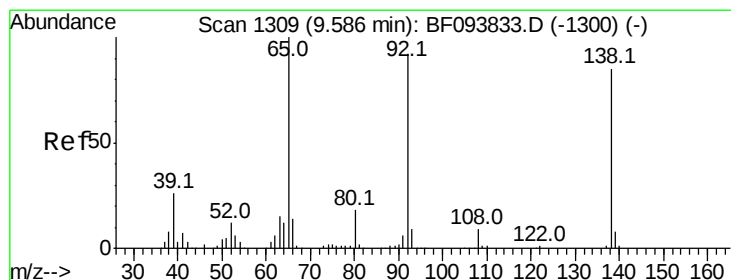
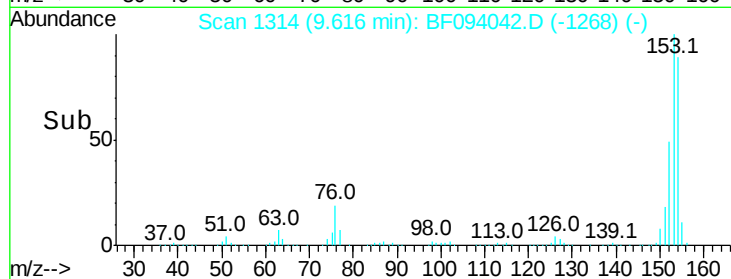
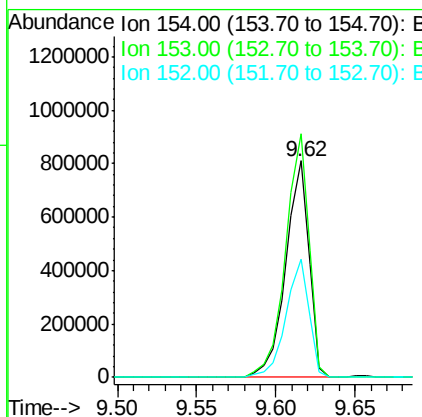
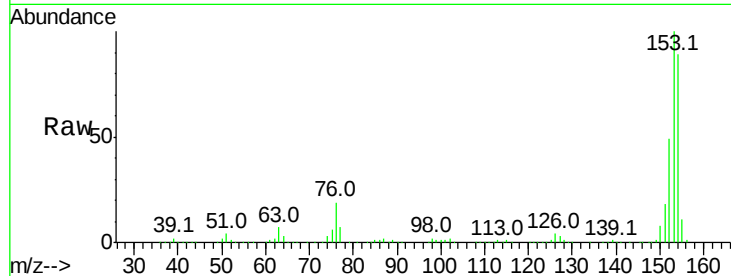
#51
Acenaphthene
Concen: 44.48 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.5	135.7
152	54.7	43.6	65.4

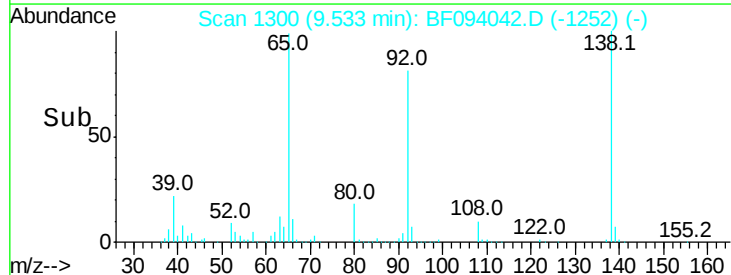
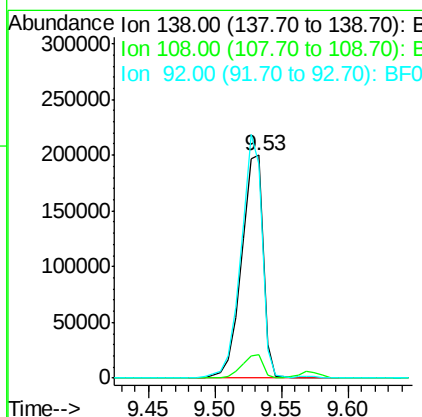
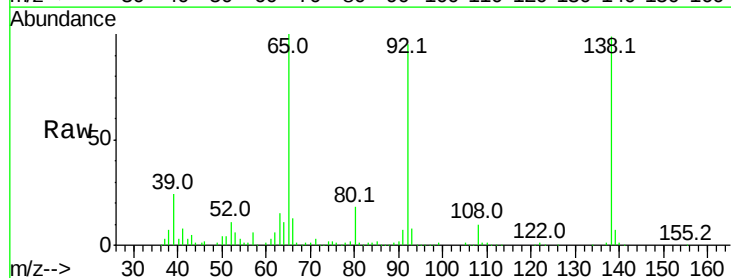
Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#52
3-Nitroaniline
Concen: 38.80 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	96.4	93.8	140.6





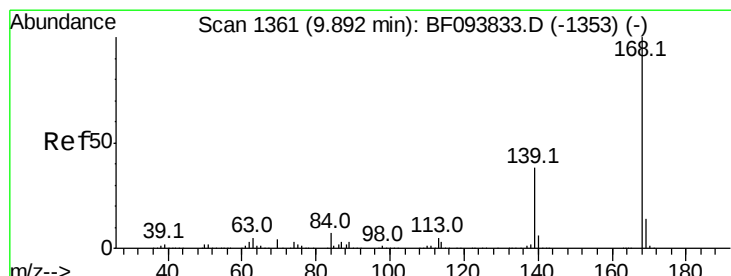
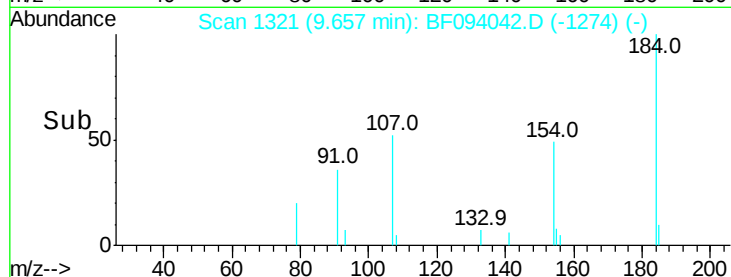
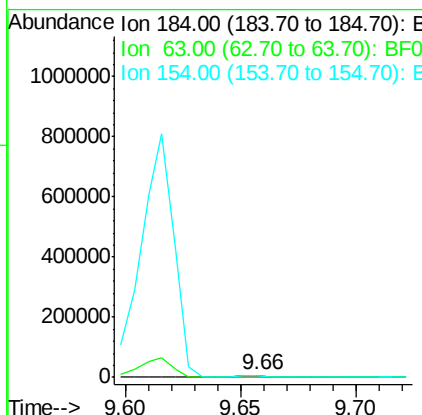
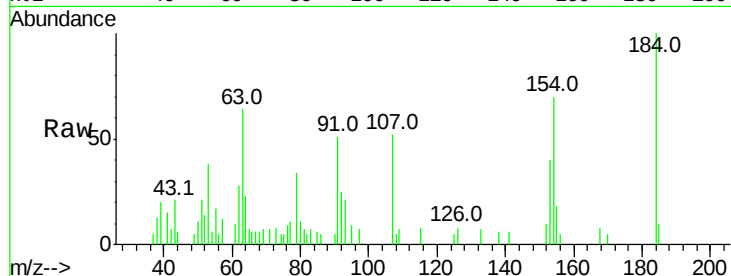
#53
 2,4-Dinitrophenol
 Concen: 7.14 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.3	62.7	94.1
154	69.8	81.1	121.7#

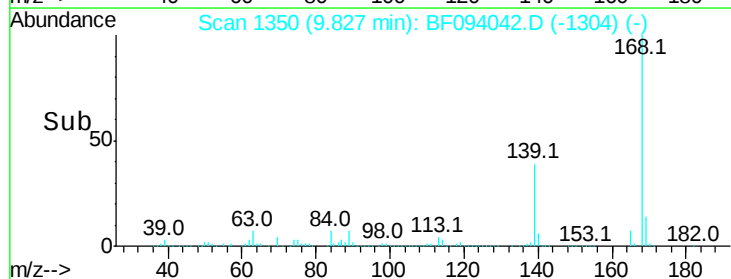
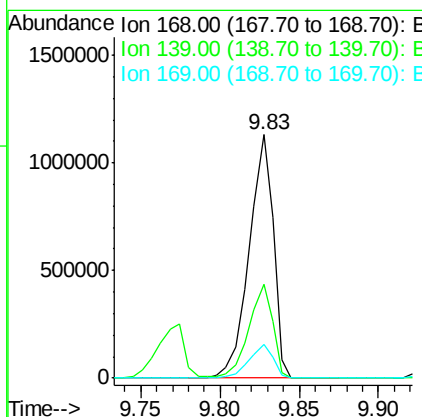
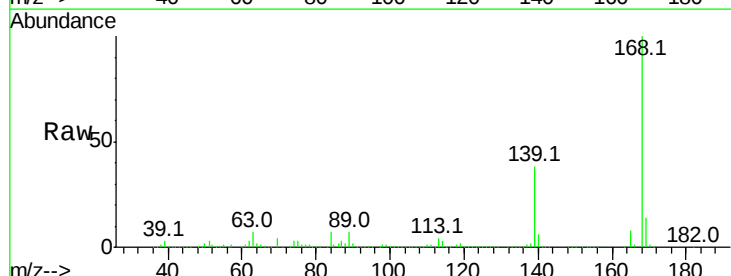
Manual Integrations
 APPROVED

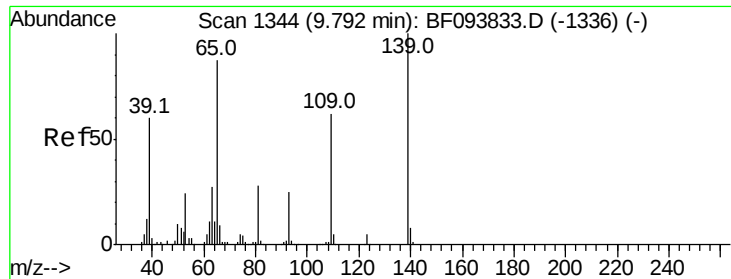
mohammad
 3/30/2017 2:33:14 PM



#54
 Dibenzofuran
 Concen: 47.50 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	13.7	10.8	16.2





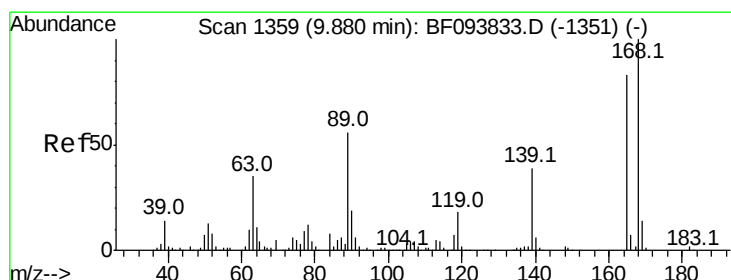
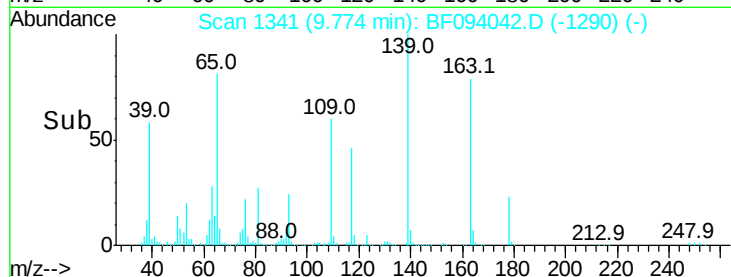
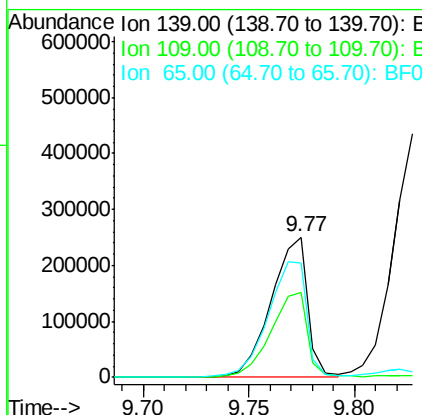
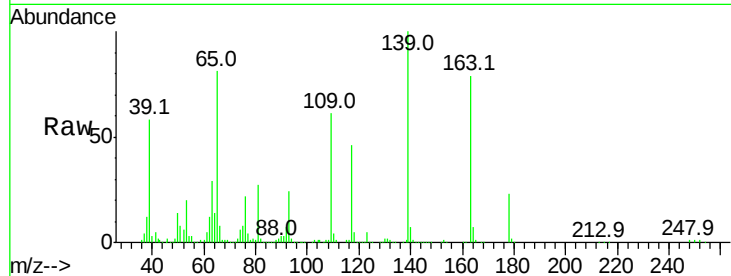
#55
4-Nitrophenol
Concen: 66.66 ng
RT: 9.77 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.5	34.1	74.1
65	81.4	31.4	71.4

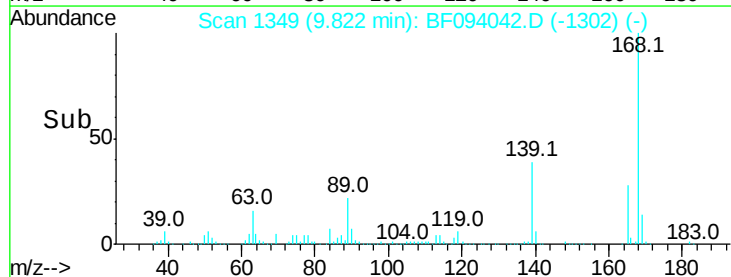
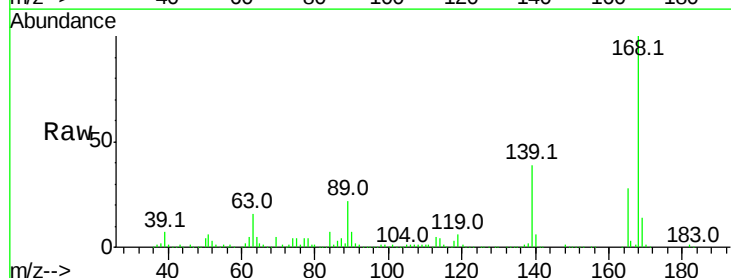
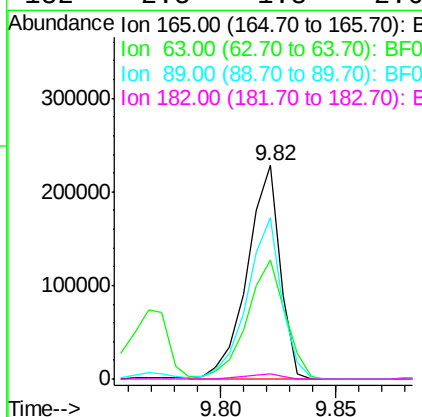
Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#56
2,4-Dinitrotoluene
Concen: 36.57 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.0	25.4	38.0
89	75.6	46.4	69.6
182	2.5	1.8	2.6





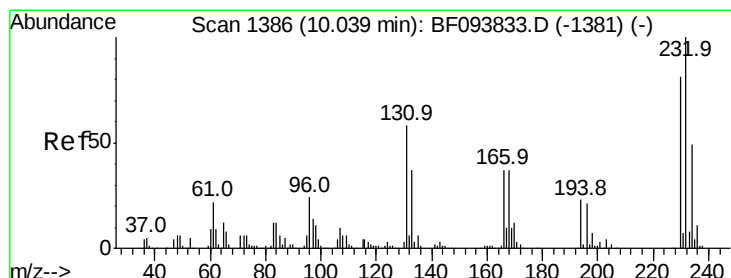
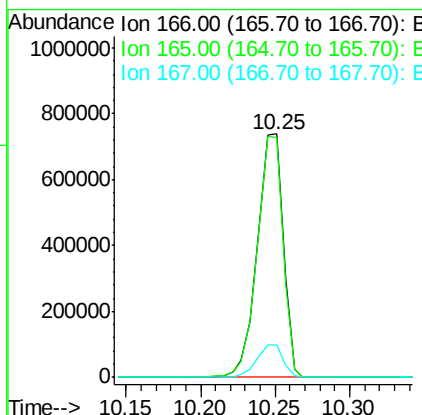
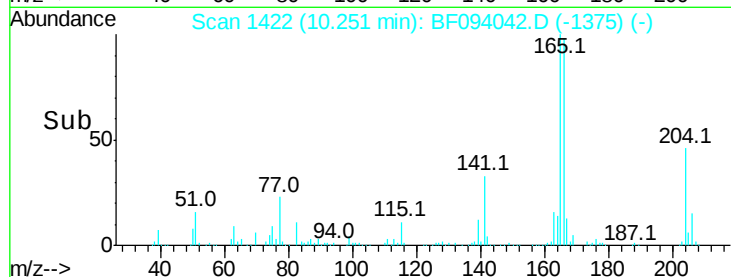
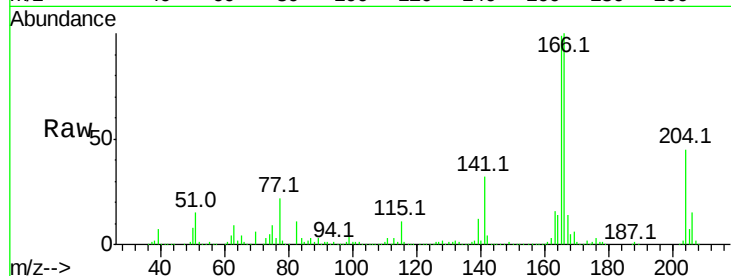
#57
Fluorene
 Concen: 42.09 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	78.8	118.2	
167	13.5	10.6	16.0	

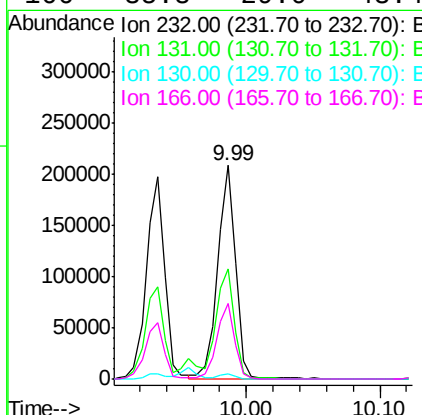
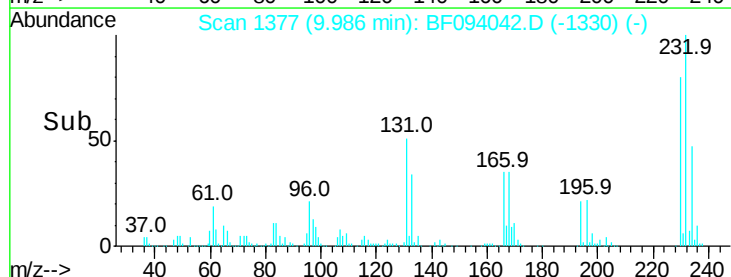
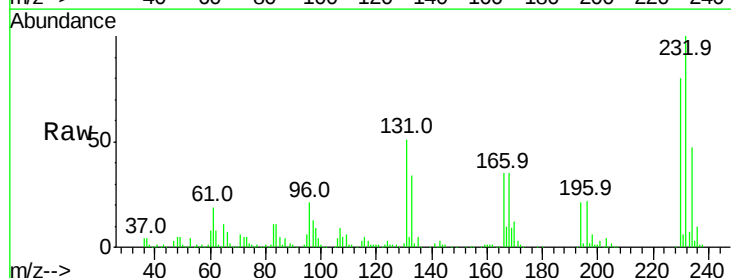
Manual Integrations
 APPROVED

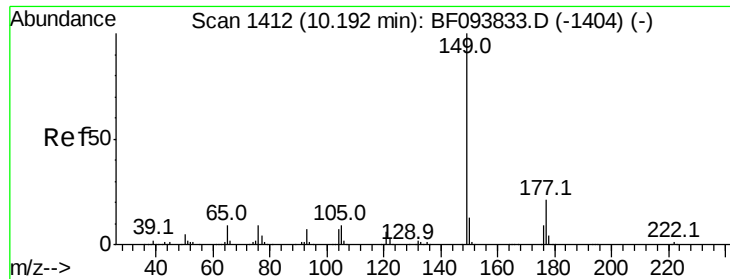
mohammad
 3/30/2017 2:33:14 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.51 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	58.9	44.8	67.2	
130	2.1	2.3	3.5#	
166	35.8	29.0	43.4	





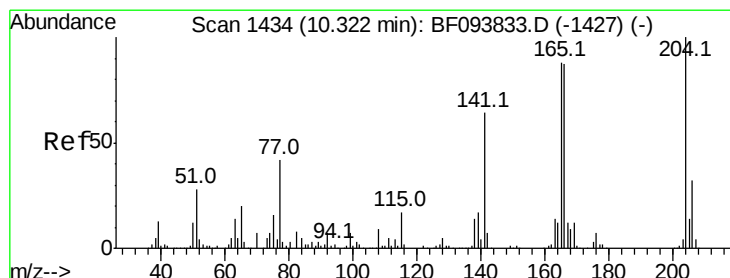
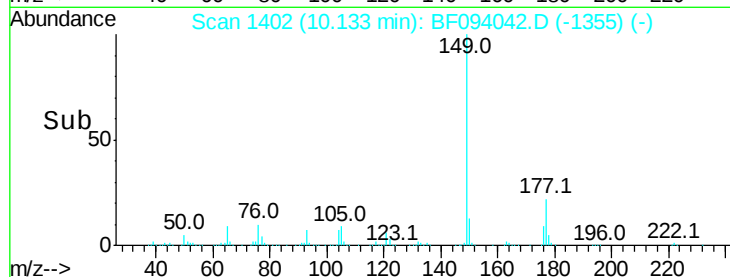
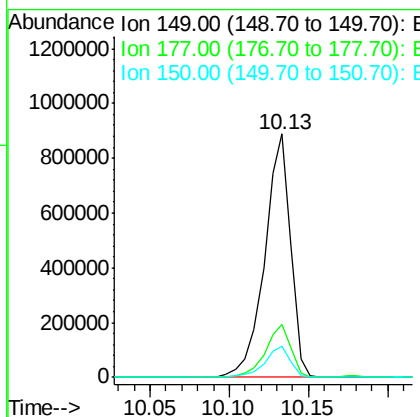
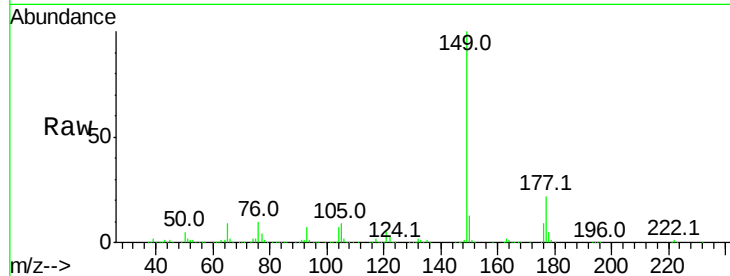
#59
Diethylphthalate
Concen: 47.63 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion:149 Resp: 1012615
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.8 10.2 15.2

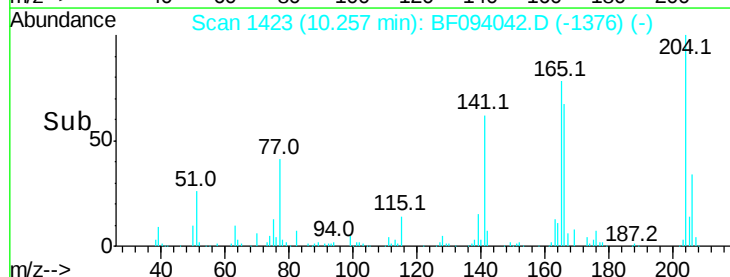
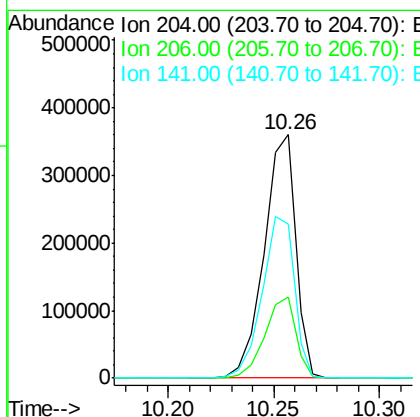
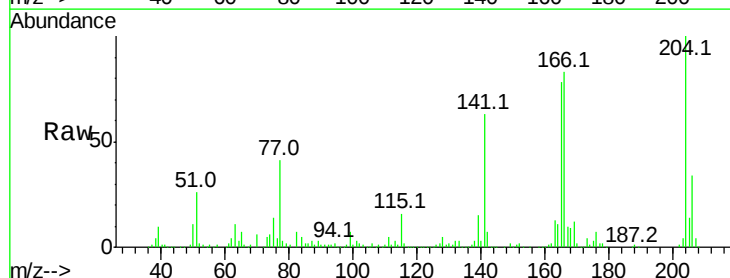
Manual Integrations
APPROVED

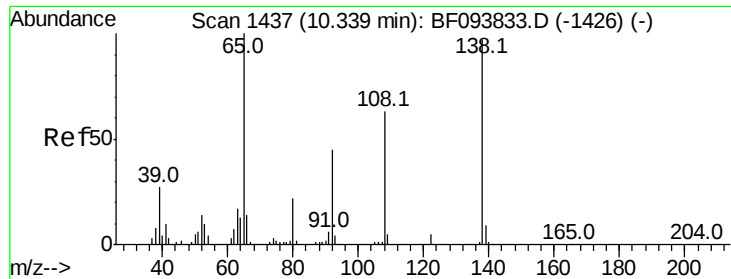
mohammad
3/30/2017 2:33:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.13 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:204 Resp: 375384
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 63.4 60.8 91.2





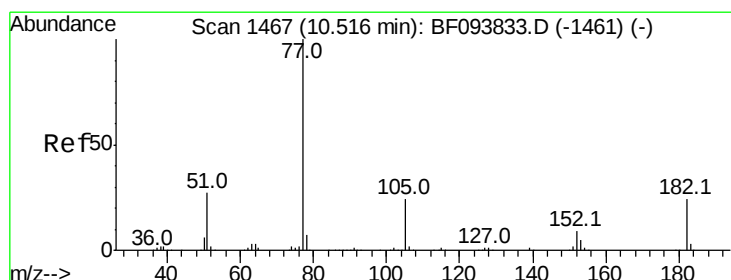
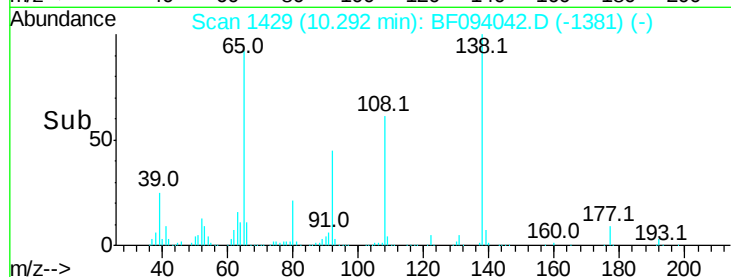
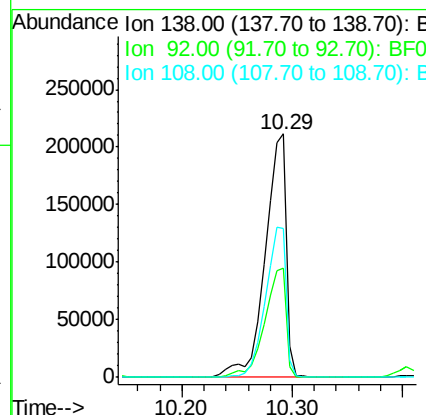
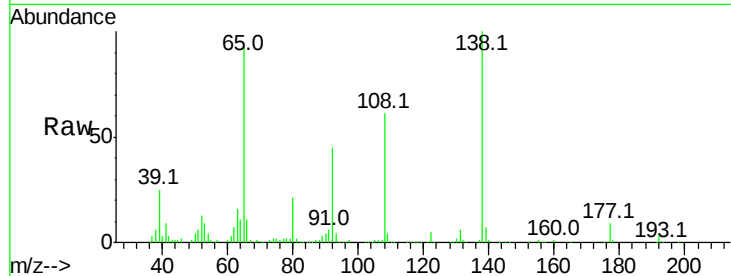
#61
4-Nitroaniline
Concen: 51.18 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	61.1	42.3	82.3

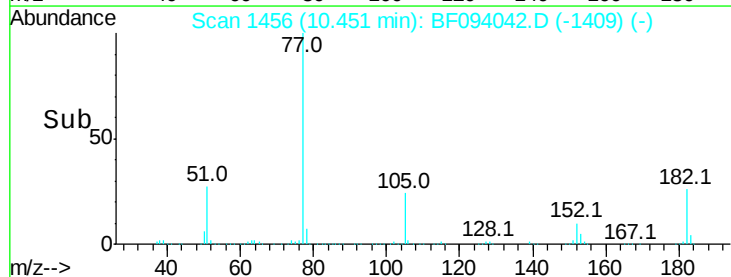
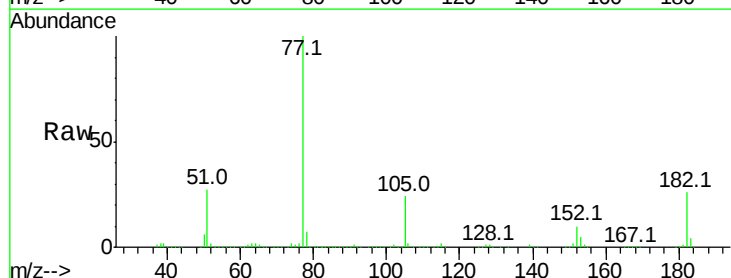
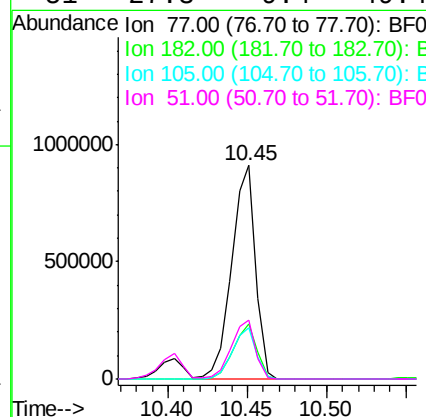
Manual Integrations
APPROVED

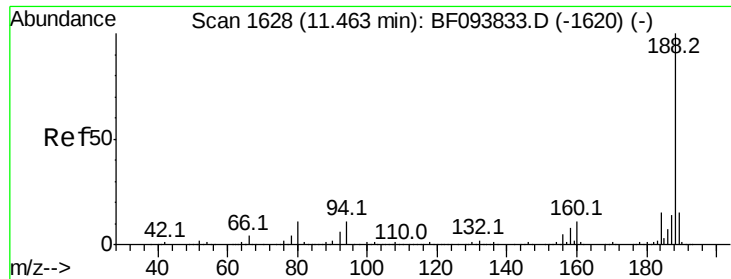
mohammad
3/30/2017 2:33:14 PM



#62
Azobenzene
Concen: 47.06 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	0.1	40.1
105	24.1	3.6	43.6
51	27.3	9.4	49.4





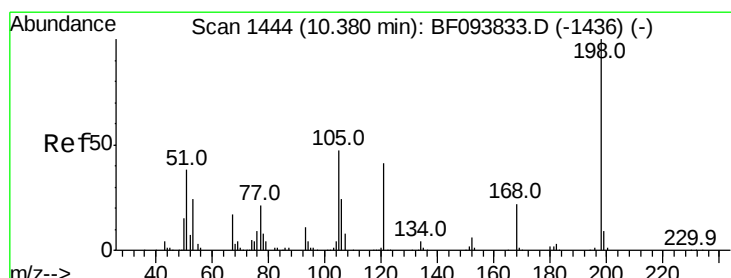
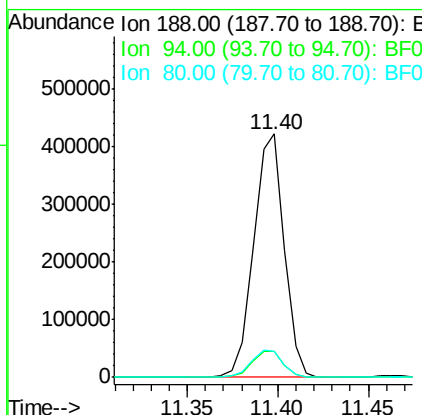
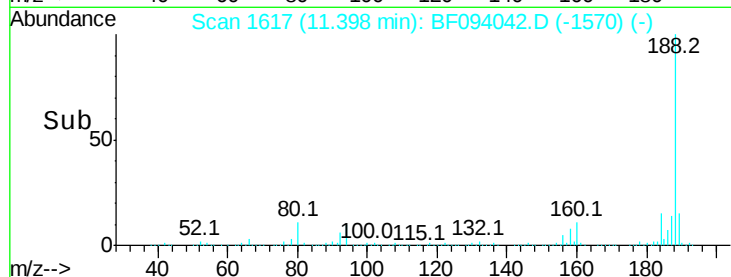
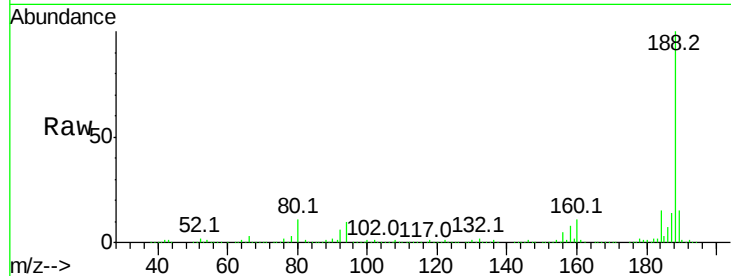
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	10.8	10.2	15.2	

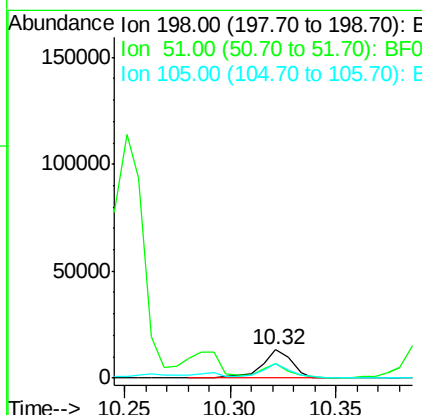
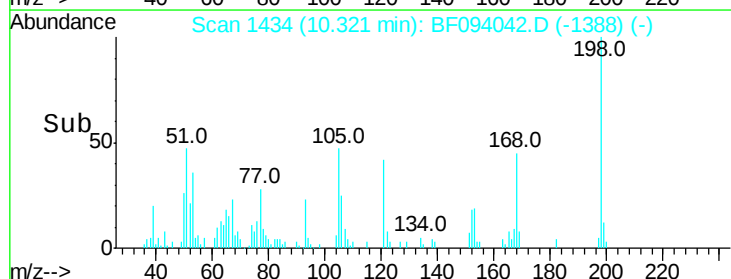
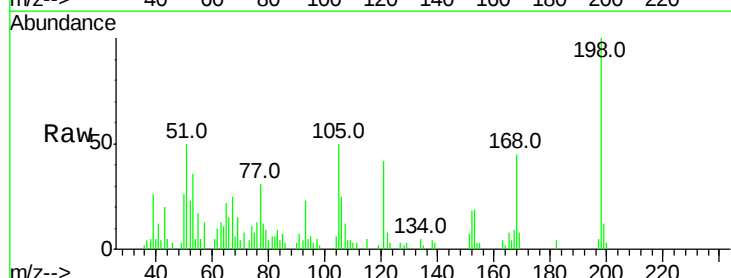
Manual Integrations
APPROVED

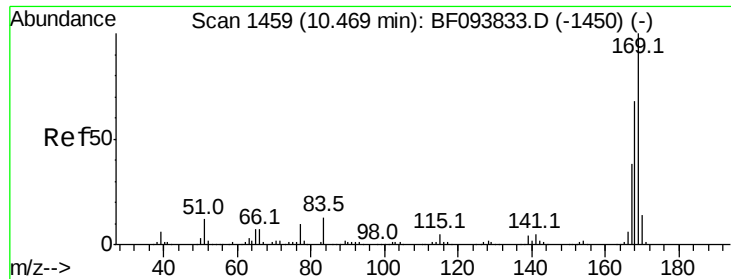
mohammad
3/30/2017 2:33:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 4.31 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	49.7	53.2	93.2#	
105	49.9	45.8	85.8	





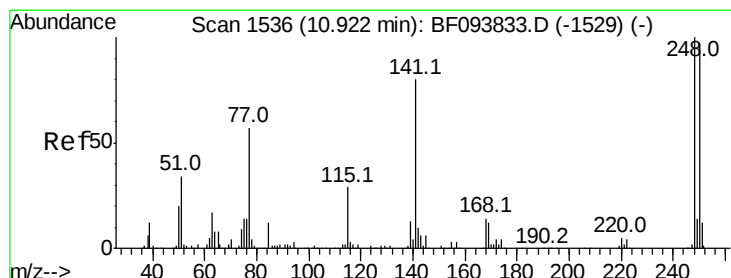
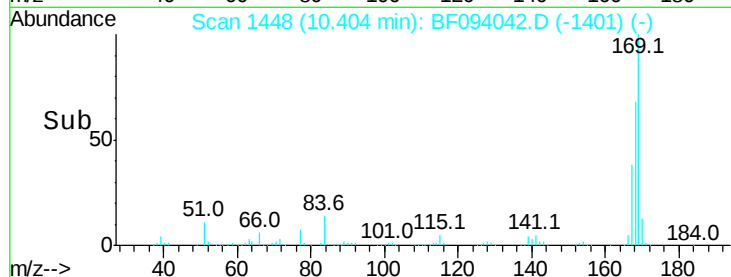
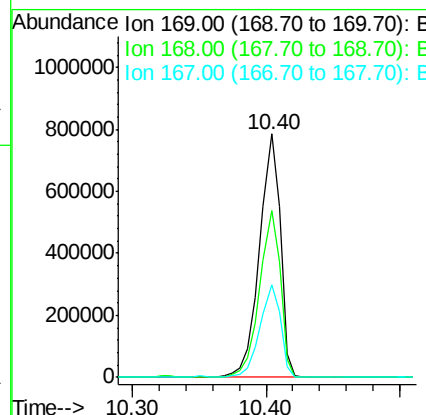
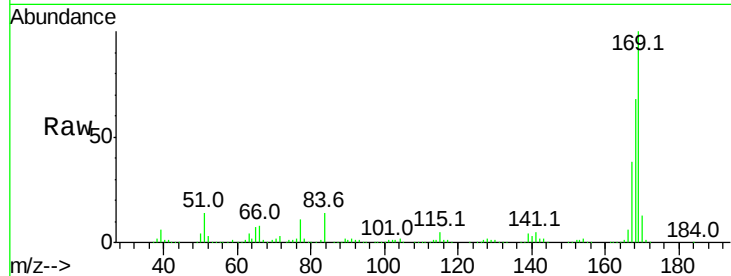
#65
 n-Nitrosodiphenylamine
 Concen: 49.09 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.2	79.8
167	37.9	29.5	44.3

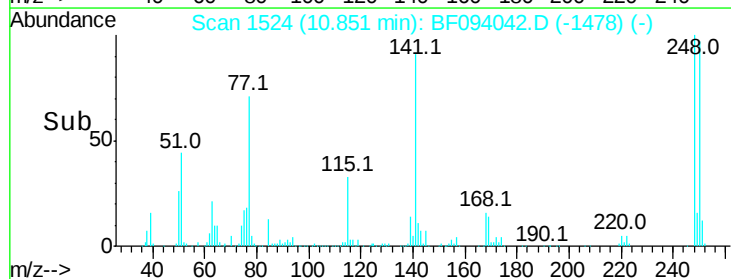
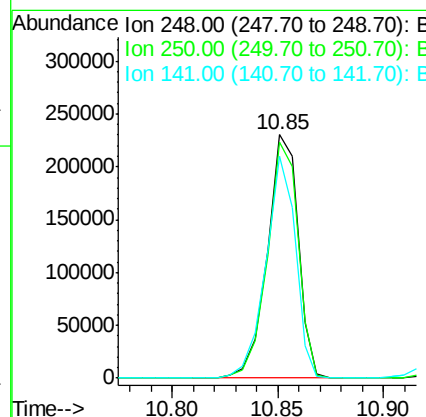
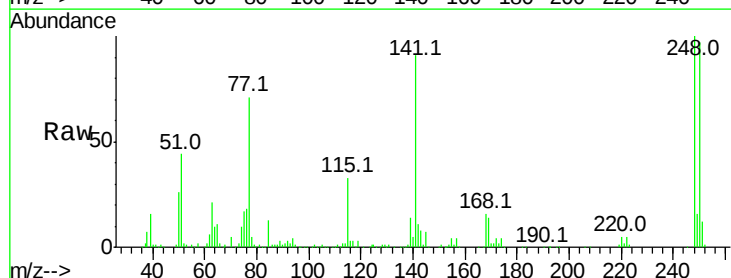
Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM



#66
 4-Bromophenyl-phenylether
 Concen: 48.59 ng
 RT: 10.85 min Scan# 1524
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.8	115.2
141	91.3	68.6	103.0





#67

Hexachlorobenzene

Concen: 47.47 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

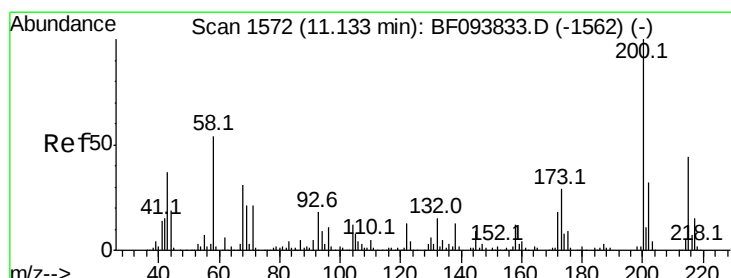
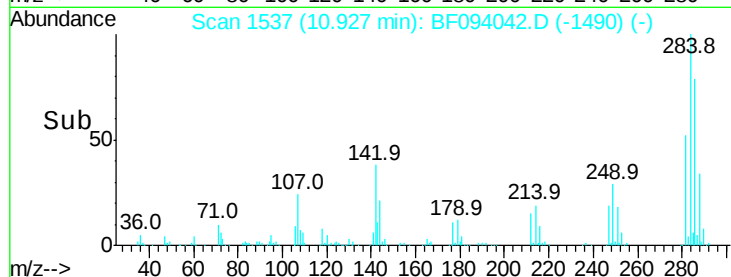
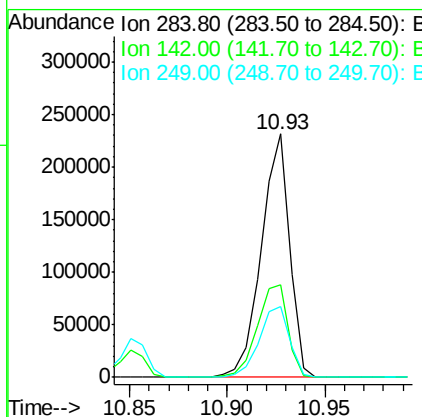
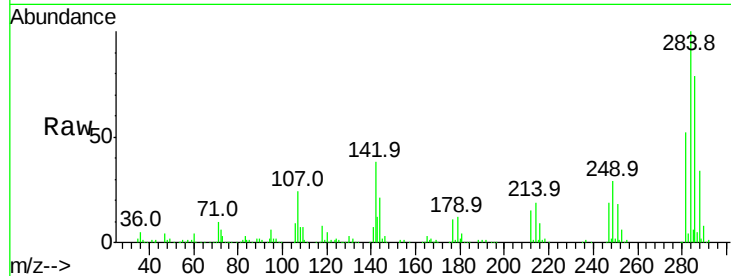
ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	232403		
142	38.2	22.8	34.2#	
249	29.3	24.0	36.0	

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#68

Atrazine

Concen: 41.36 ng

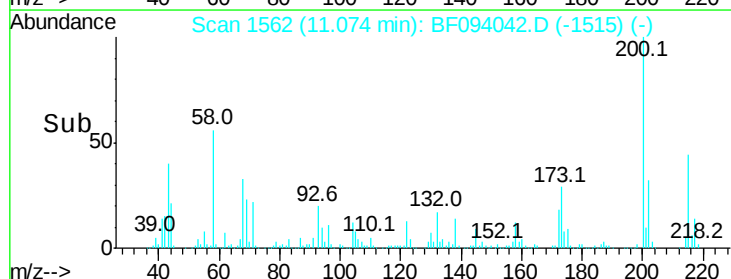
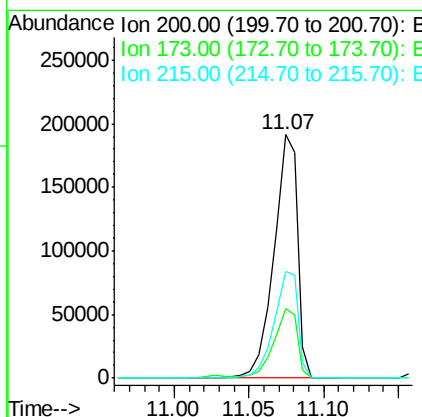
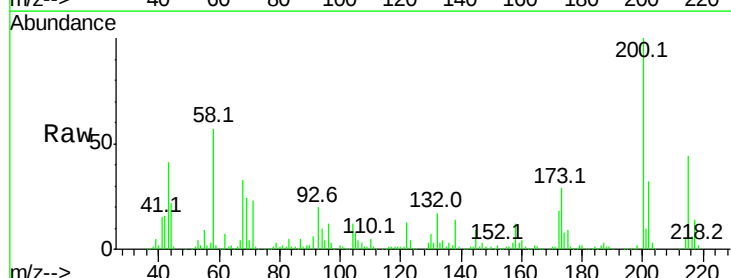
RT: 11.07 min Scan# 1562

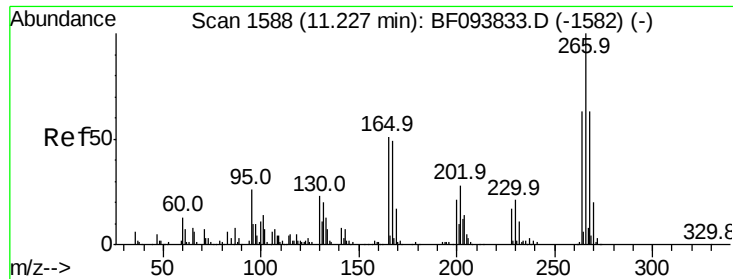
Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	210676		
173	28.7	6.3	46.3	
215	43.9	27.2	67.2	





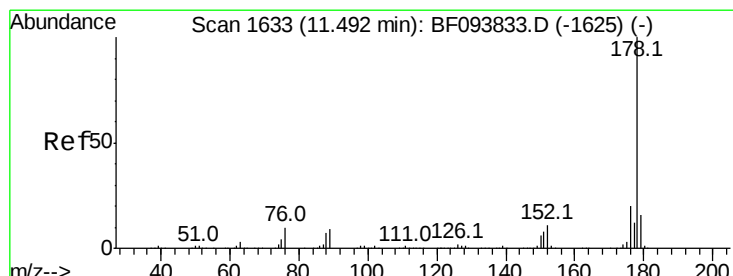
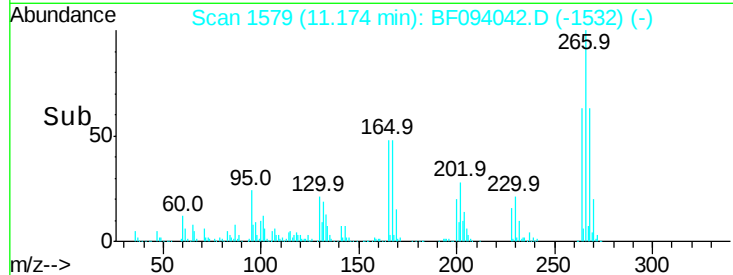
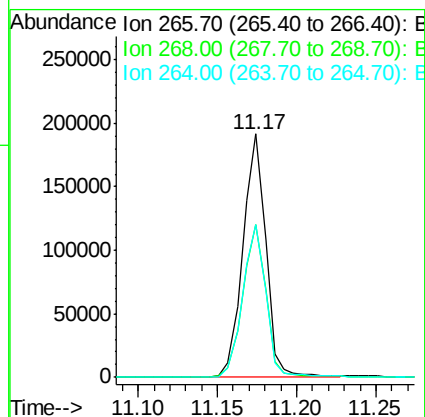
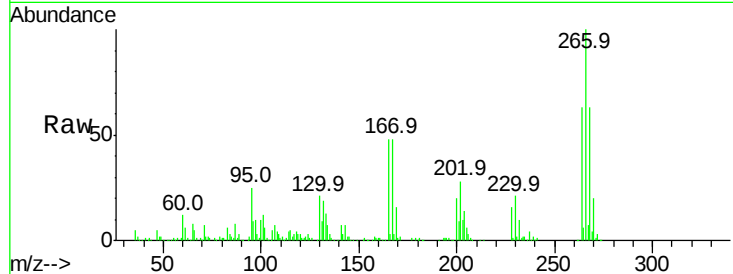
#69
 Pentachlorophenol
 Concen: 63.24 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	192724		
268	62.5	51.1	76.7	
264	62.7	51.7	77.5	

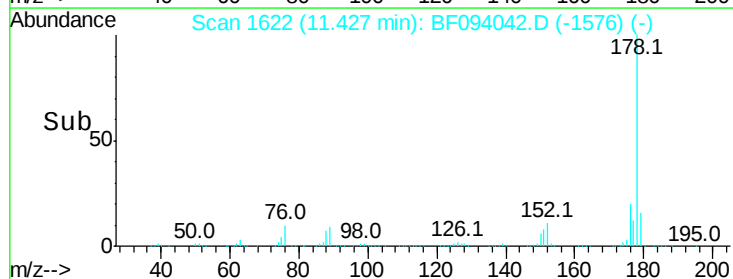
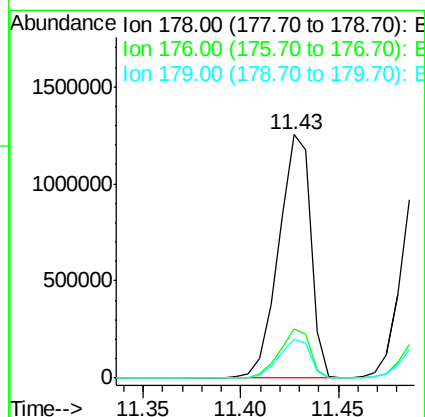
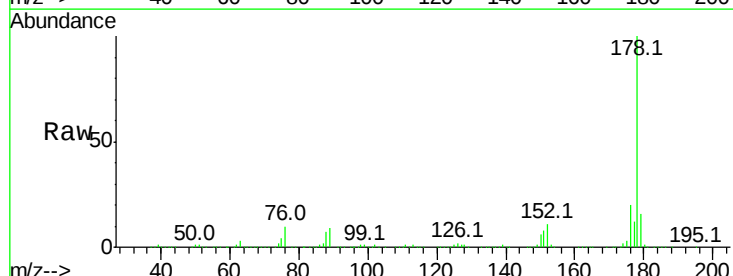
Manual Integrations
 APPROVED

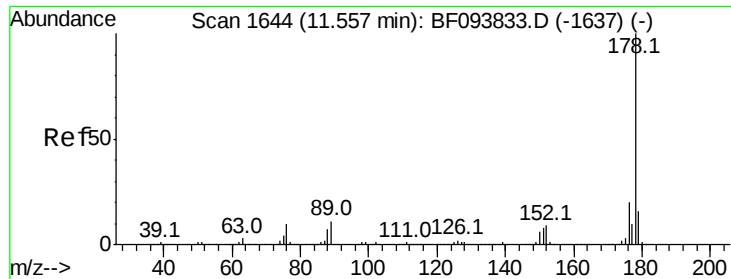
mohammad
 3/30/2017 2:33:14 PM



#70
 Phenanthrene
 Concen: 52.22 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1428652		
176	20.2	16.2	24.4	
179	15.8	12.6	19.0	





#71
 Anthracene
 Concen: 45.90 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

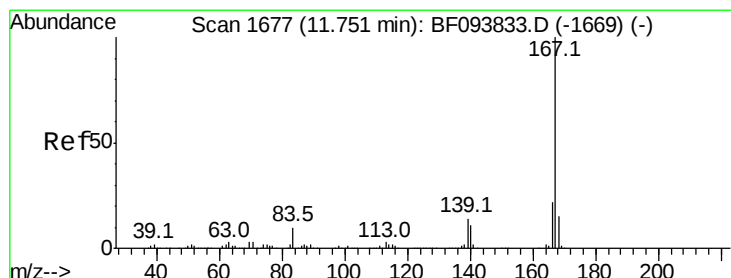
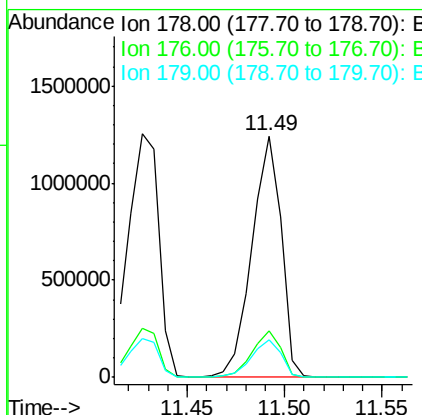
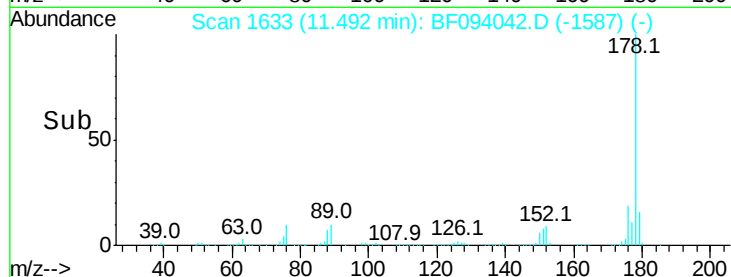
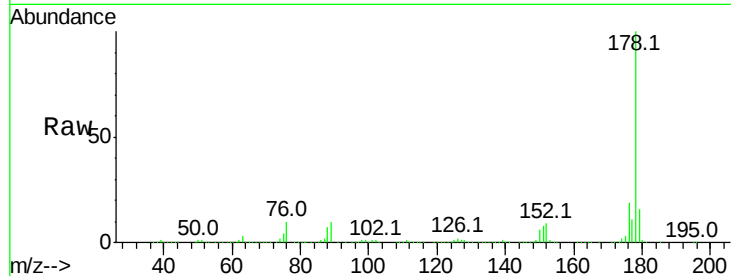
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion:178 Resp: 1292747

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	12.7	19.1

Manual Integrations
 APPROVED

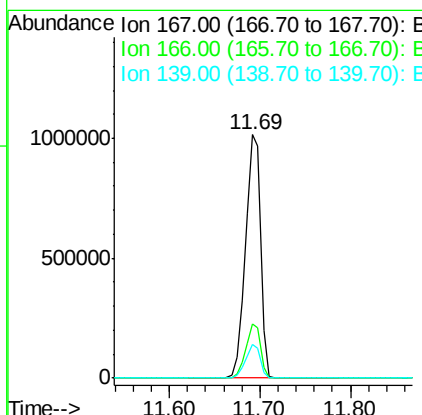
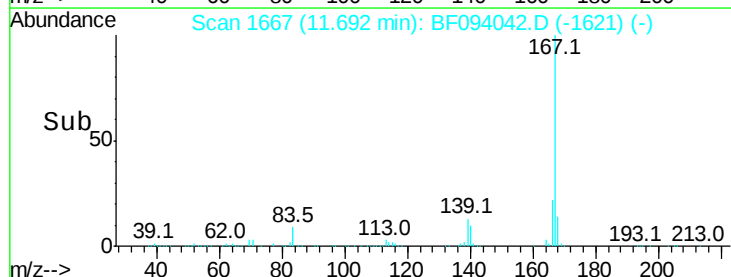
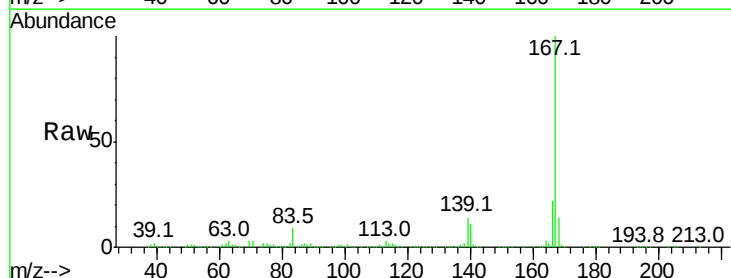
mohammad
 3/30/2017 2:33:14 PM

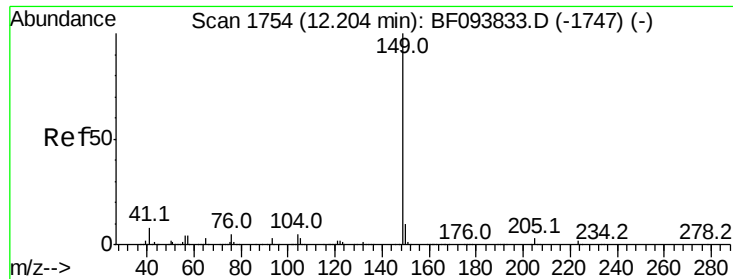


#72
 Carbazole
 Concen: 40.57 ng
 RT: 11.69 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion:167 Resp: 1171801

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 48.36 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

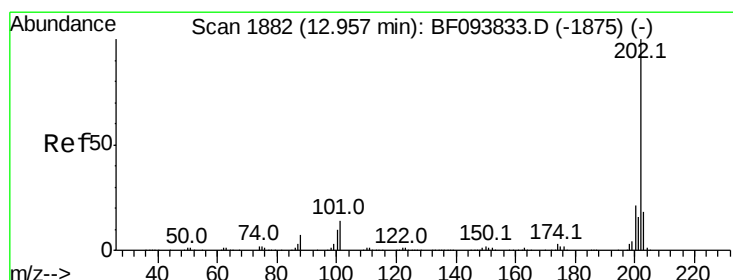
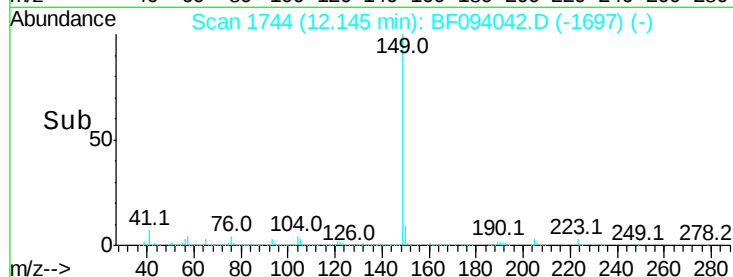
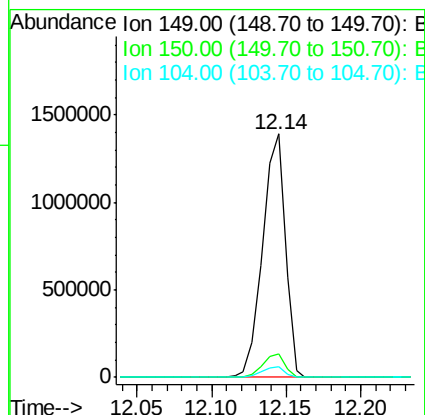
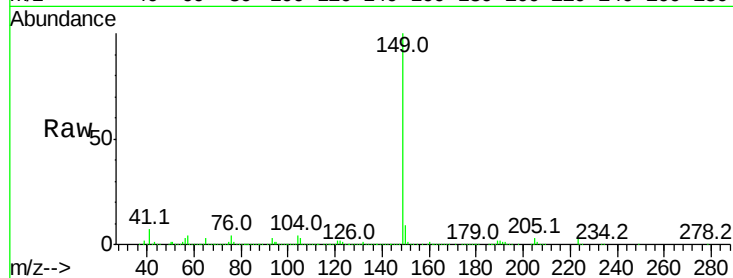
ClientSampleId :

E2-BB-CC-8-9-BASEMSD

Tot Ion:	149	Resp:	1452557
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#74

Fluoranthene

Concen: 48.44 ng

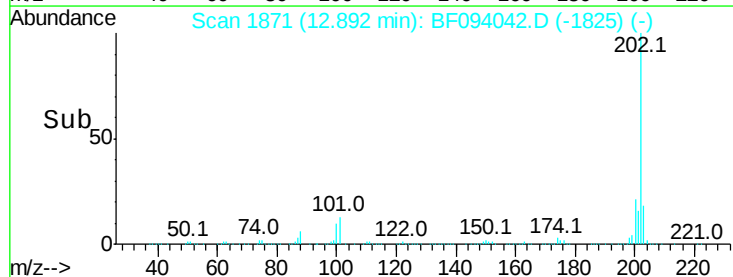
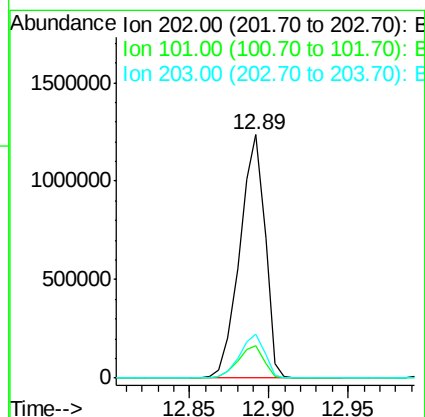
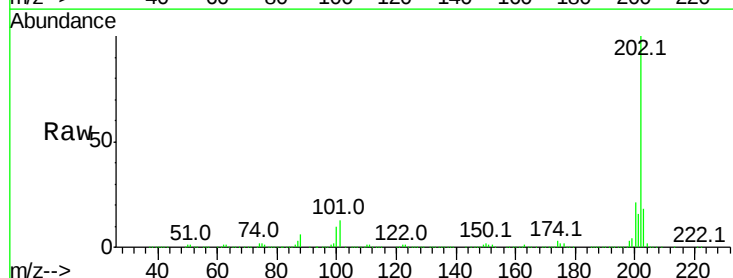
RT: 12.89 min Scan# 1871

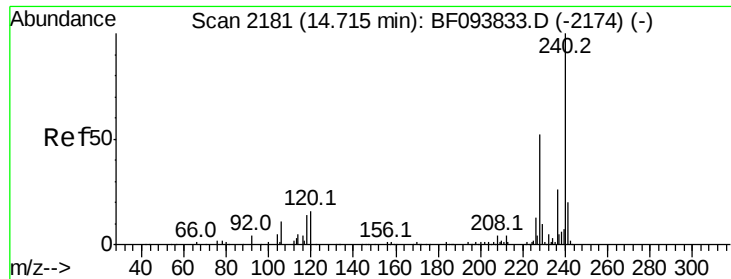
Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:	202	Resp:	1356802
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.8	0.0	38.1





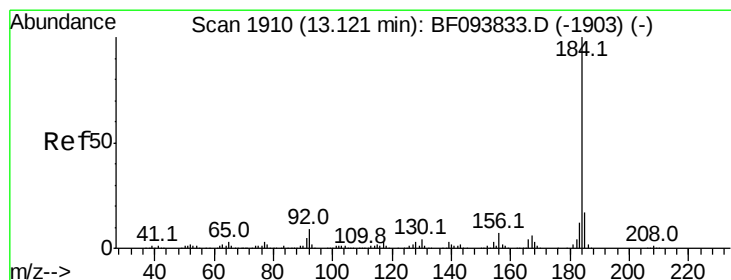
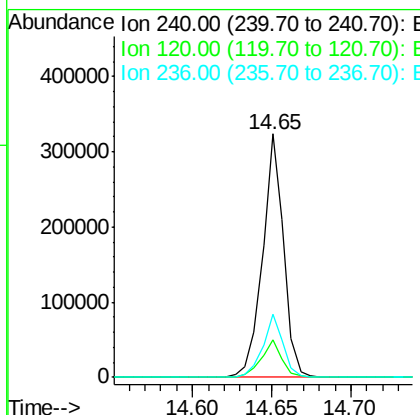
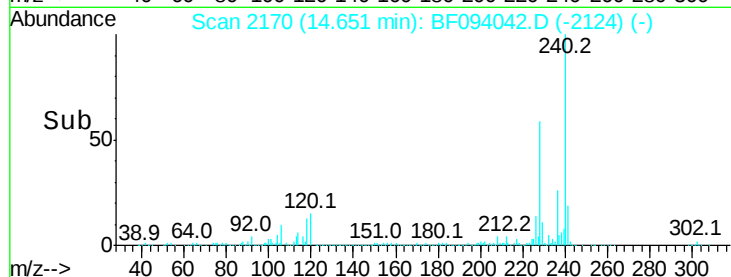
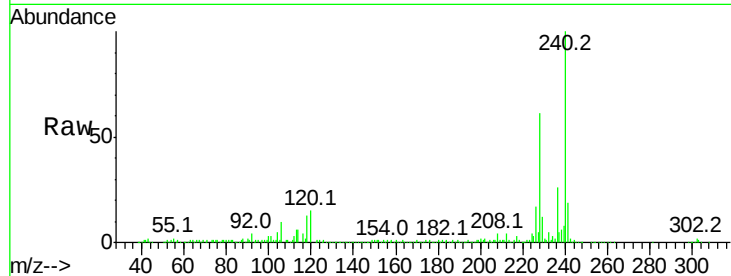
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.65 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.0	20.5	30.7

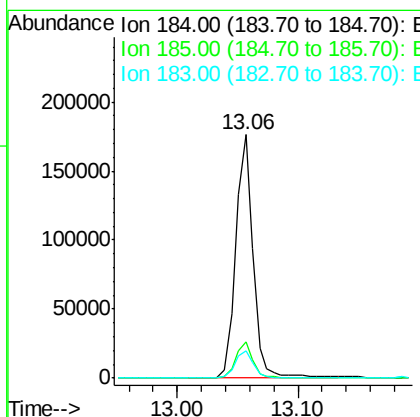
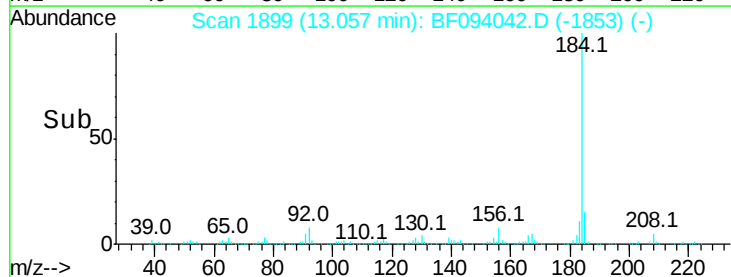
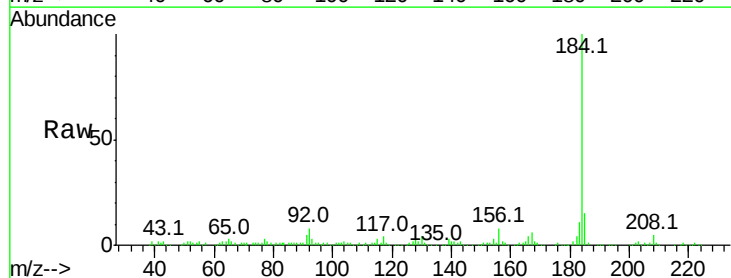
Manual Integrations
 APPROVED

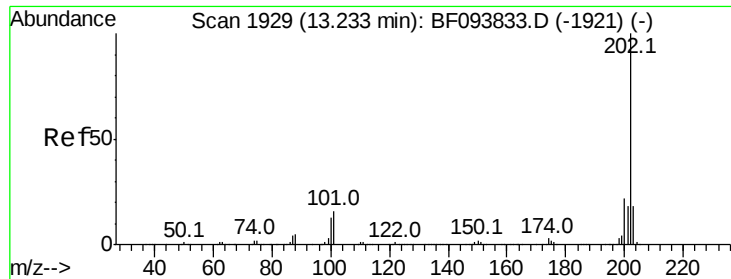
mohammad
 3/30/2017 2:33:14 PM



#76
 Benzidine
 Concen: 14.87 ng
 RT: 13.06 min Scan# 1899
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	15.5	23.3#
183	11.0	9.8	14.6





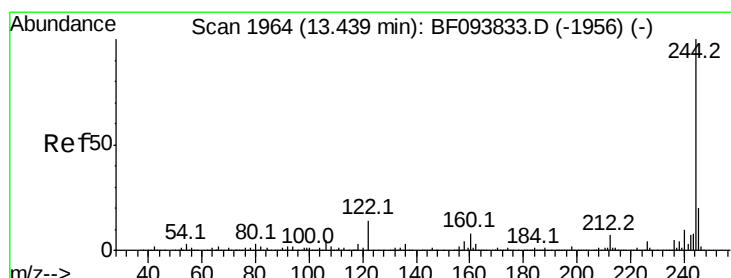
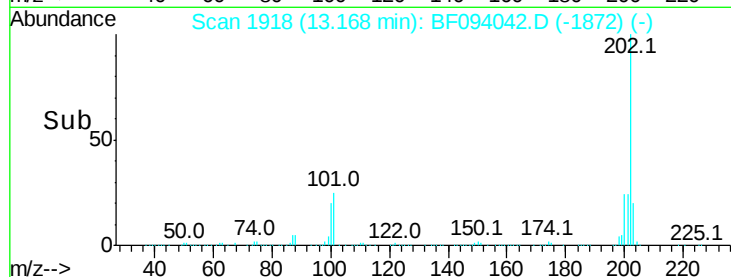
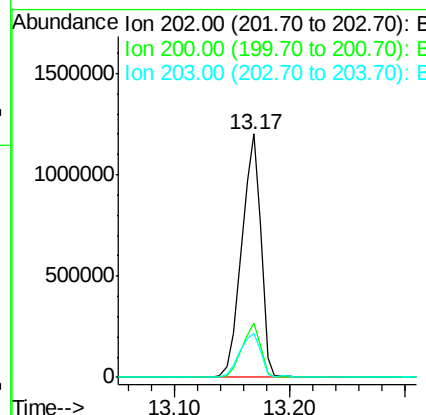
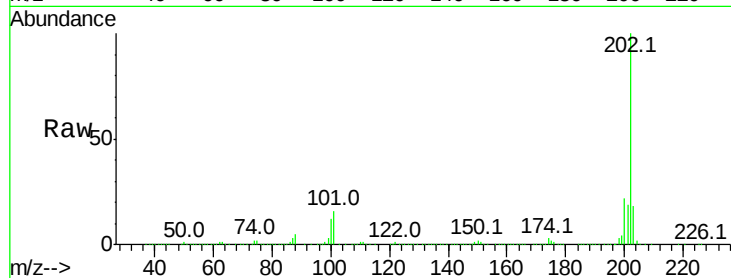
#77
Pvrene
Concen: 62.60 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion:202 Resp: 1372192
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 18.0 14.4 21.6

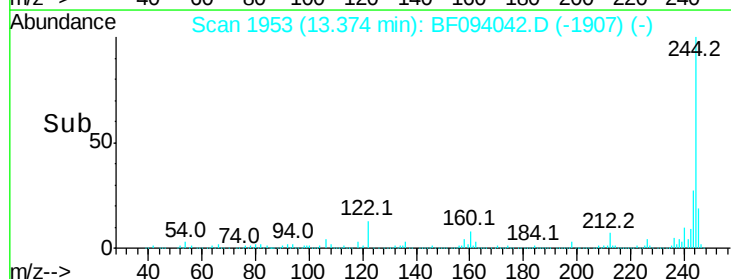
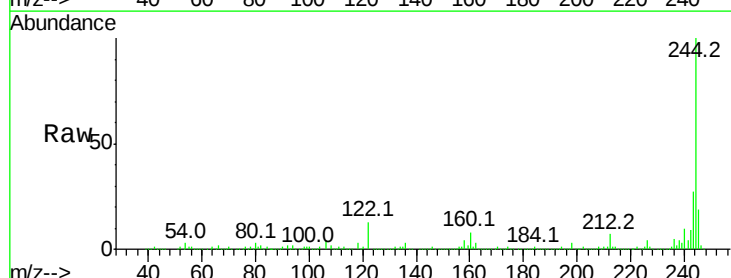
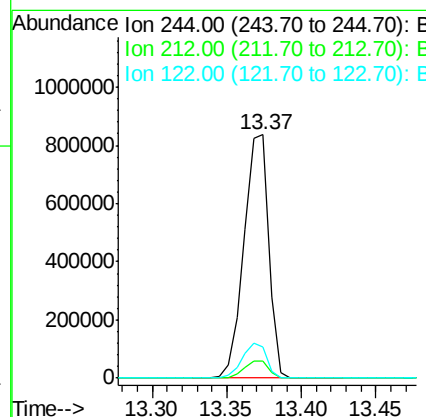
Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#78
Terphenyl-d14
Concen: 71.79 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion:244 Resp: 967296
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.0 10.3 15.5





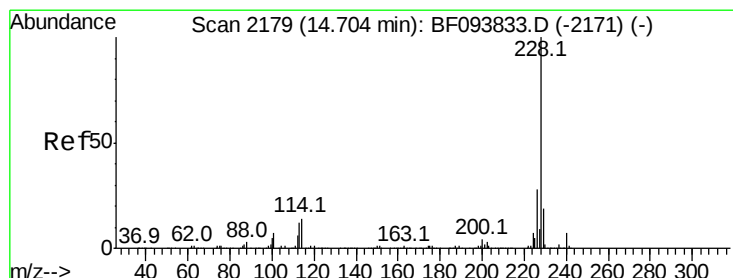
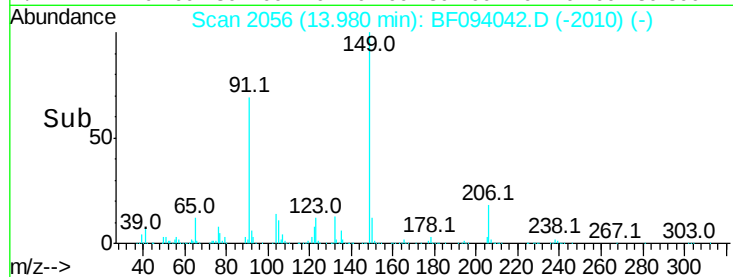
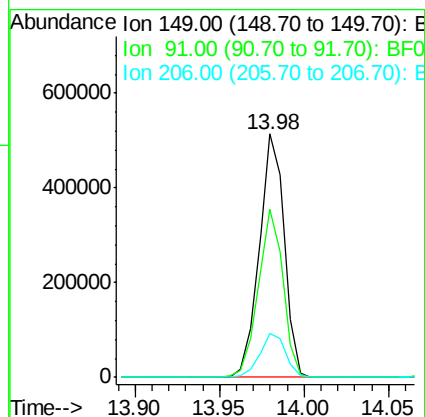
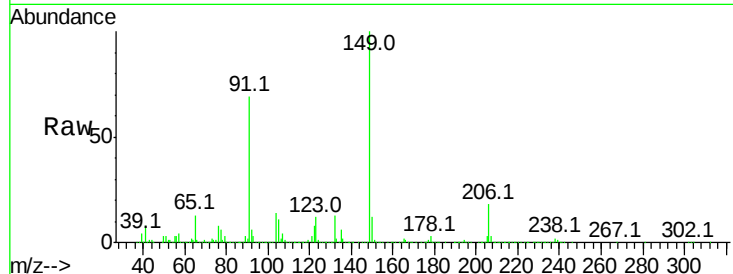
#79
Butylbenzylphthalate
Concen: 56.55 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BAEMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	45.0	67.4#
206	18.2	17.0	25.6

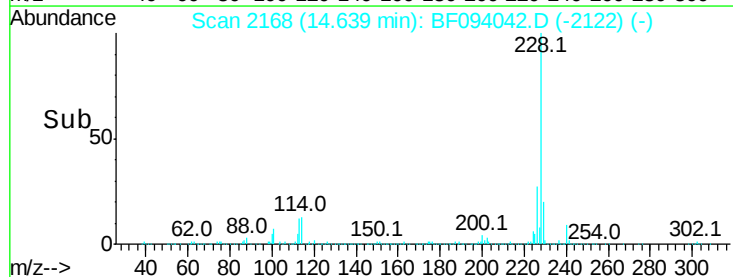
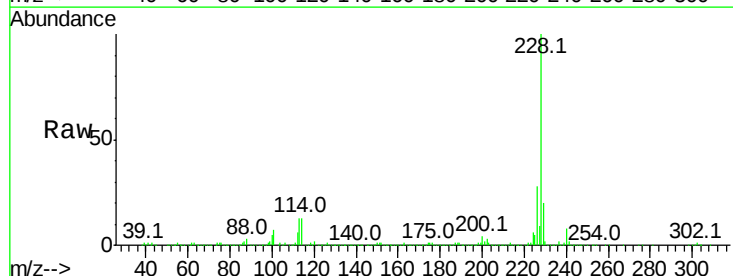
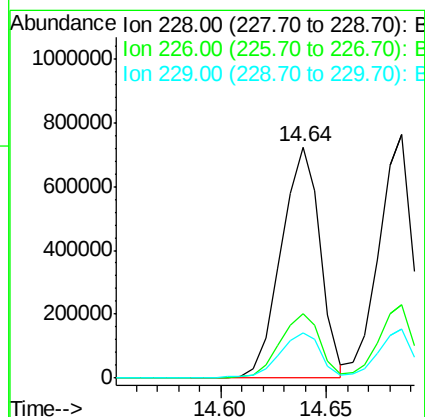
Manual Integrations
APPROVED

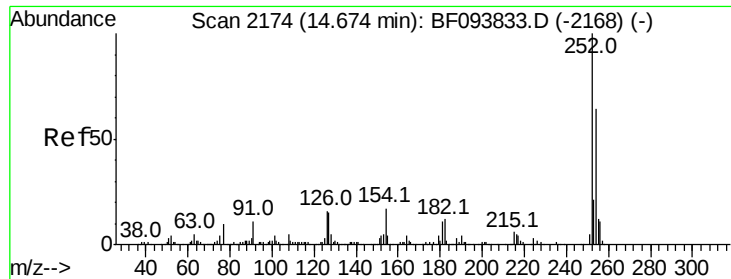
mohammad
3/30/2017 2:33:14 PM



#80
Benzo(a)anthracene
Concen: 52.60 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.7	16.3	24.5





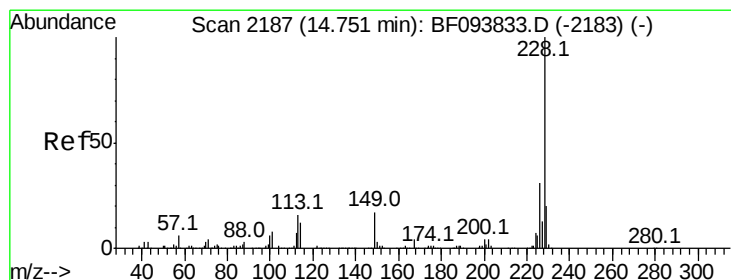
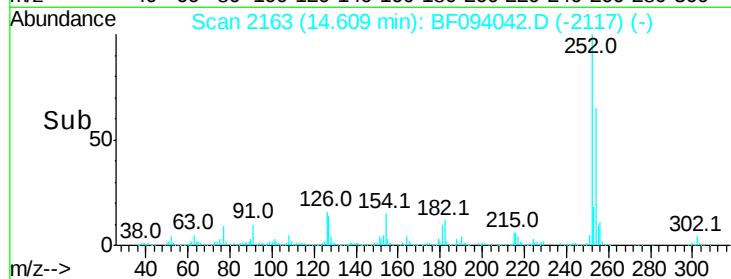
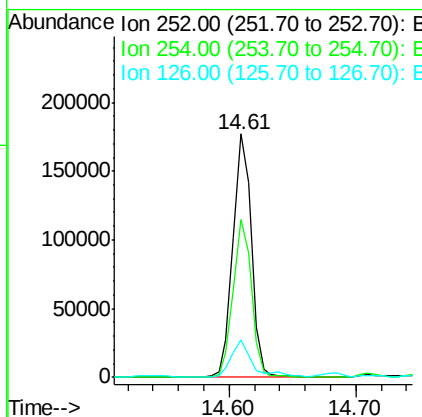
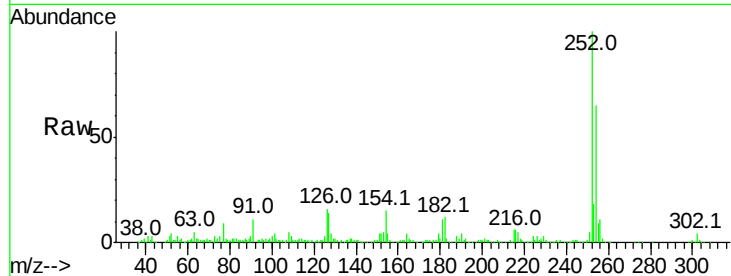
#81
 3,3'-Dichlorobenzidine
 Concen: 28.43 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	51.5	77.3
126	15.7	15.8	23.8#

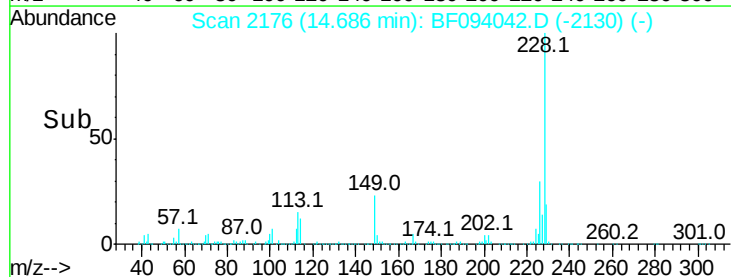
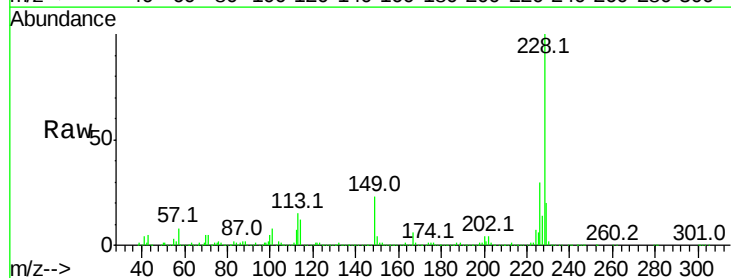
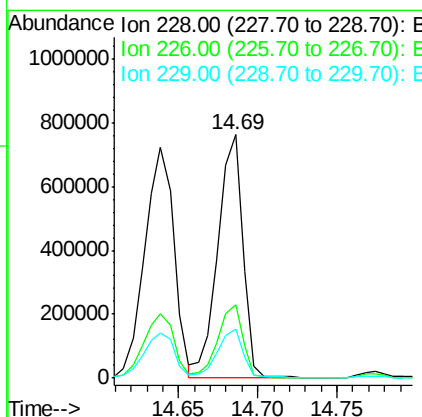
Manual Integrations
 APPROVED

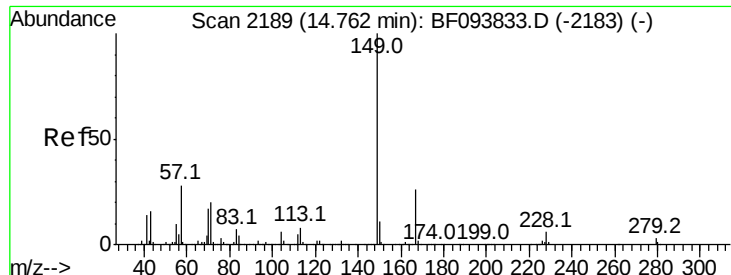
mohammad
 3/30/2017 2:33:14 PM



#82
 Chrysene
 Concen: 51.40 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.1	15.8	23.6





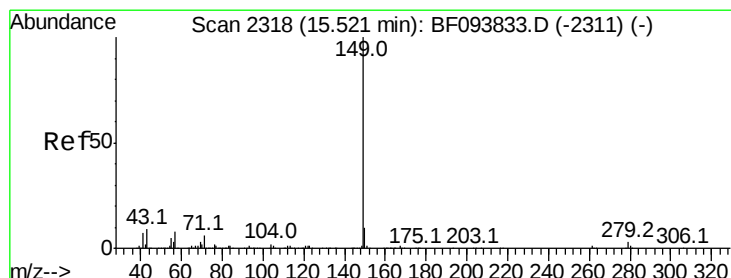
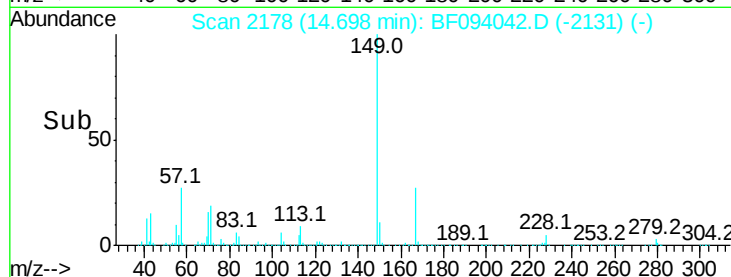
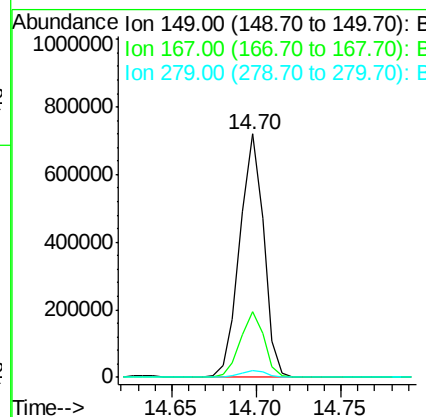
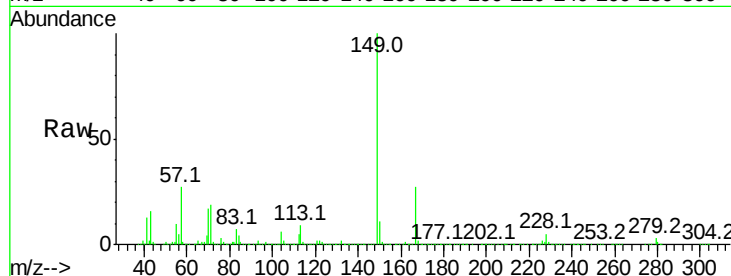
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.62 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.0	21.0	31.4	
279	3.0	1.9	2.9	

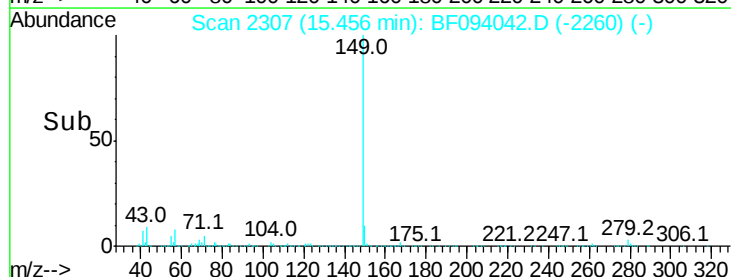
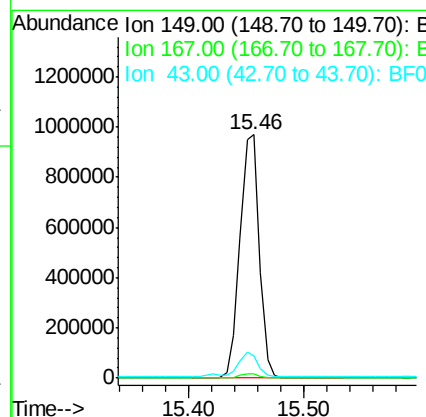
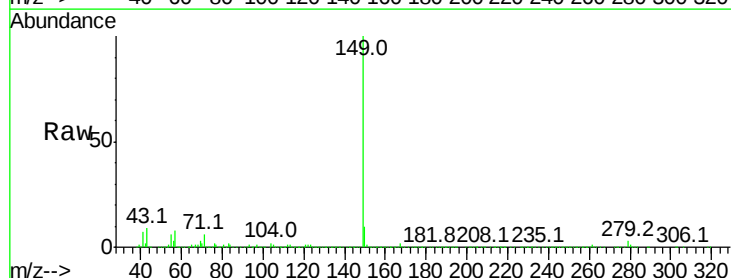
Manual Integrations
 APPROVED

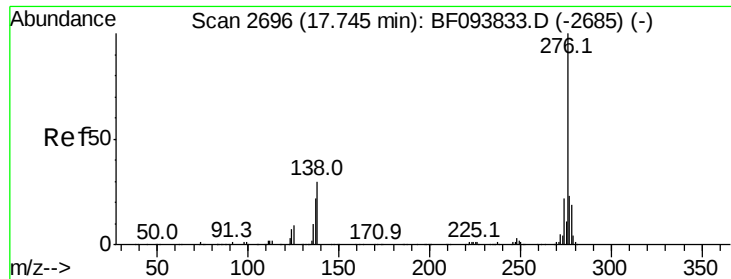
mohammad
 3/30/2017 2:33:14 PM



#84
 Di-n-octyl phthalate
 Concen: 52.80 ng
 RT: 15.46 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.4	8.5	12.7	





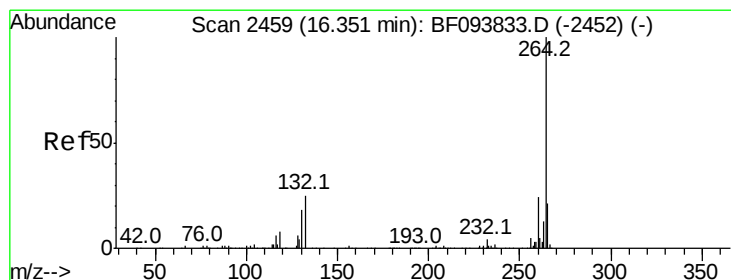
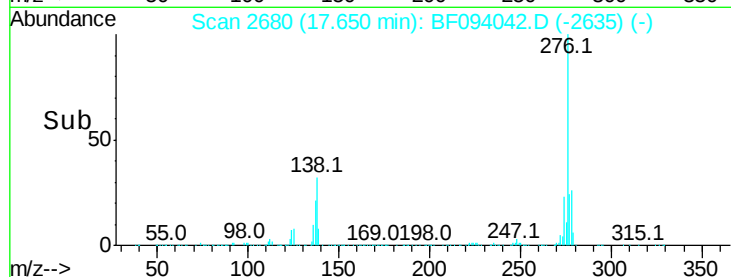
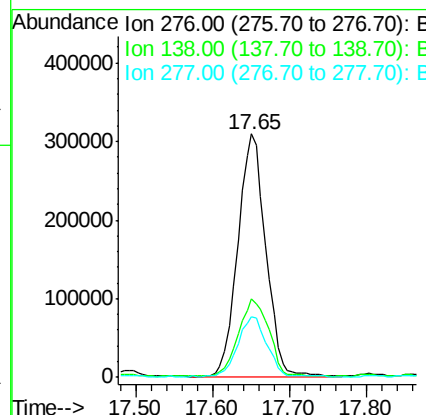
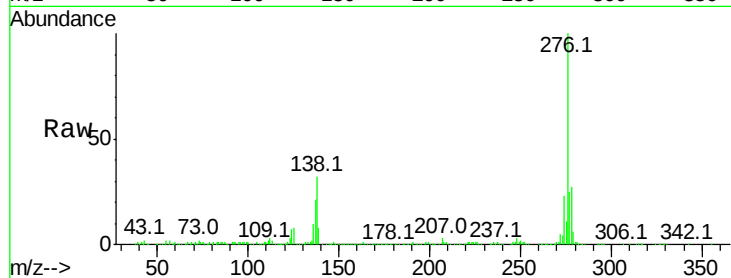
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.32 ng
 RT: 17.65 min Scan# 2680
 Delta R.T. -0.04 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	26.0	20.2	30.4

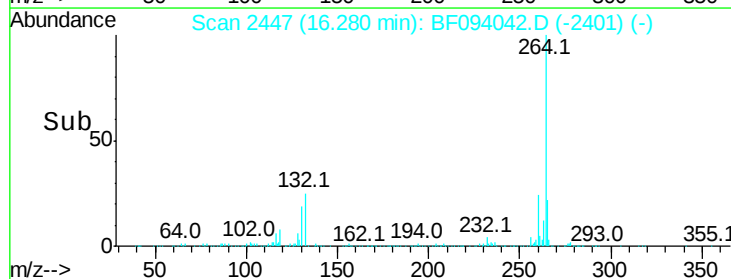
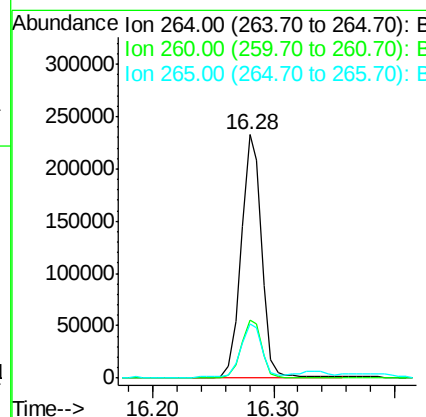
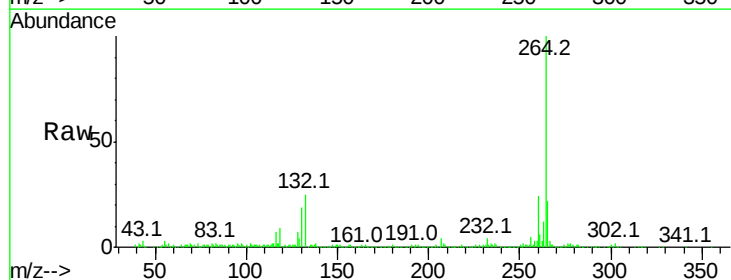
Manual Integrations
 APPROVED

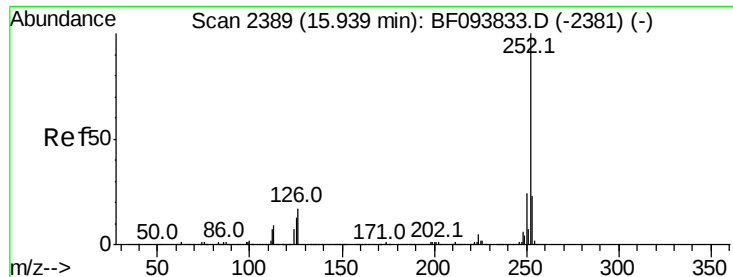
mohammad
 3/30/2017 2:33:14 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.28 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 55.53 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Instrument :

BNA_F

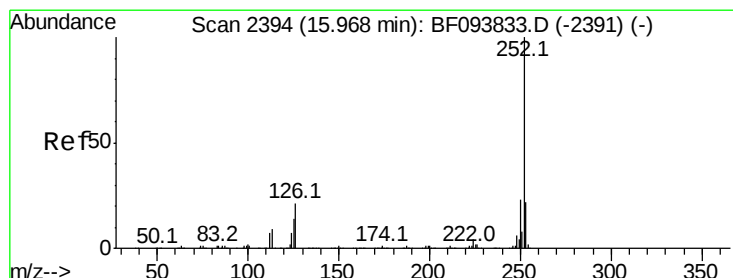
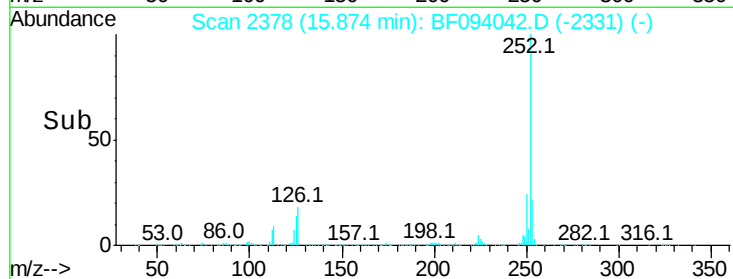
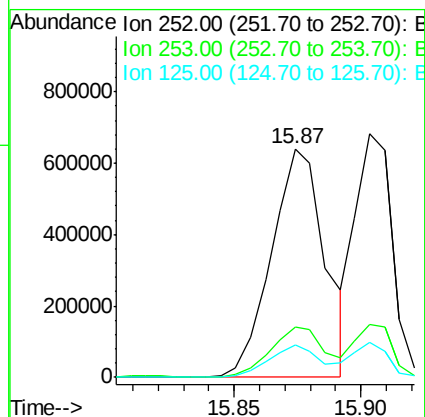
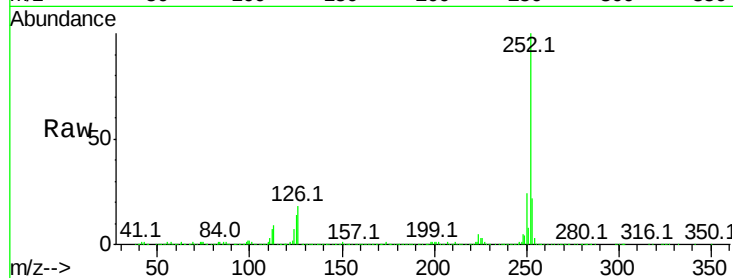
ClientSampleId :

E2-BB-CC-8-9-BAEMSD

Tot Ion:	252	Resp:	940640
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	14.3	9.8	14.8

Manual Integrations
APPROVED

mohammad
3/30/2017 2:33:14 PM



#88

Benzo(k)fluoranthene

Concen: 42.03 ng

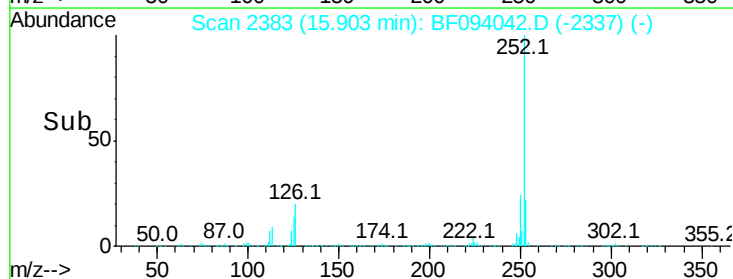
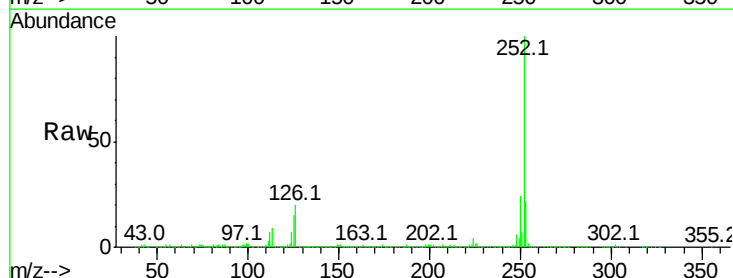
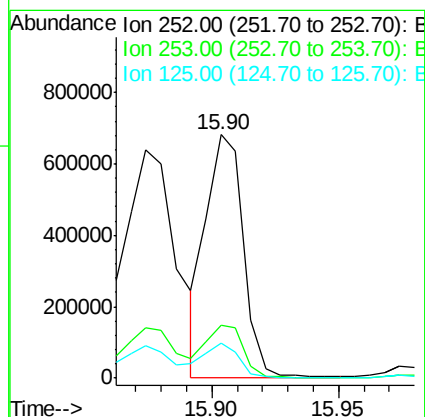
RT: 15.90 min Scan# 2383

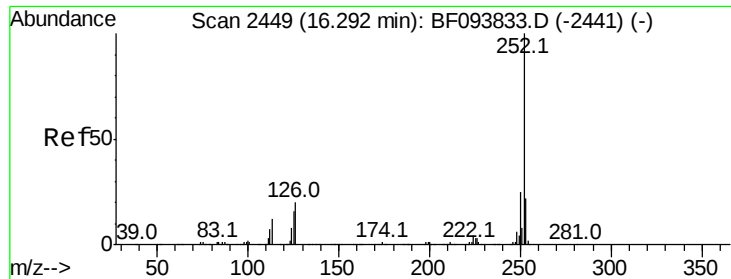
Delta R.T. -0.03 min

Lab File: BF094042.D

Acq: 30 Mar 2017 2:08

Tgt Ion:	252	Resp:	696666
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	14.5	13.1	19.7





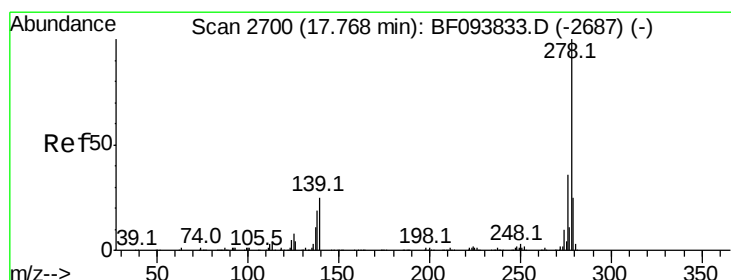
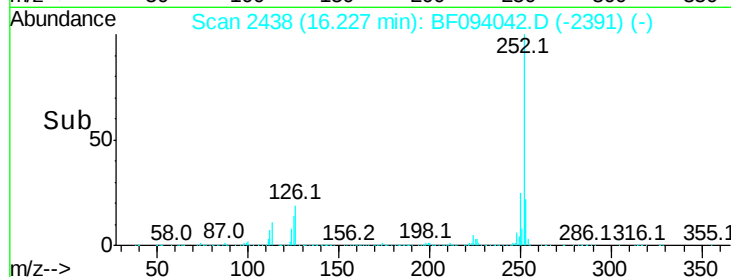
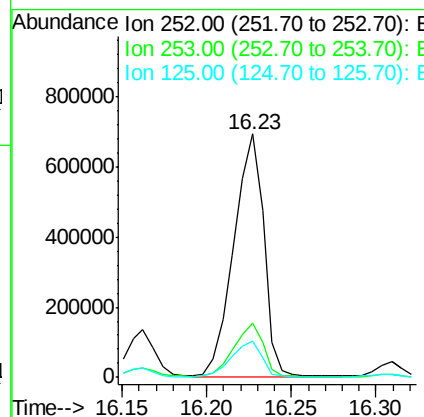
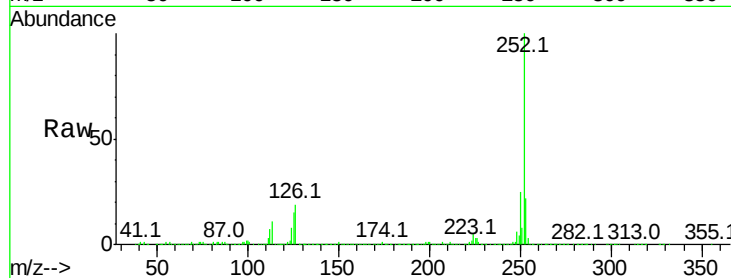
#89
Benzo(a)pyrene
Concen: 55.02 ng
RT: 16.23 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-8-9-BASEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.7	11.0	16.4

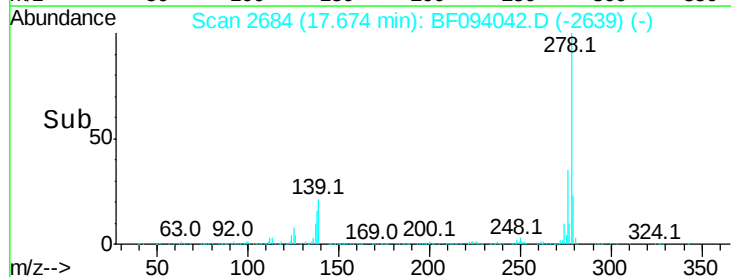
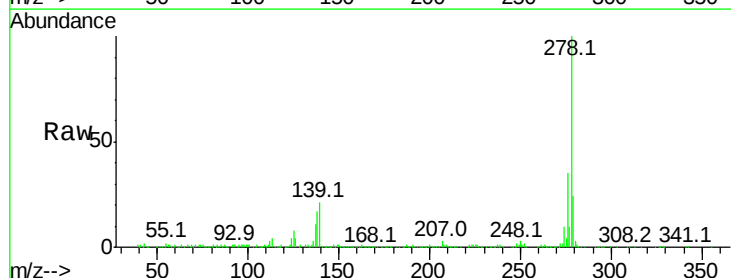
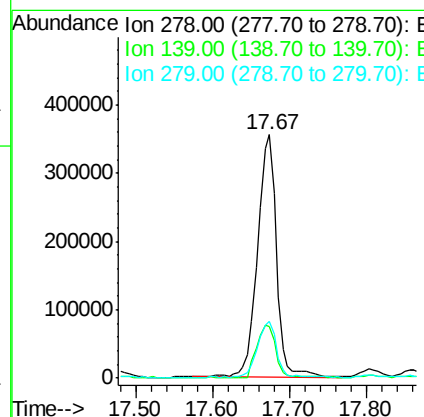
Manual Integrations
APPROVED

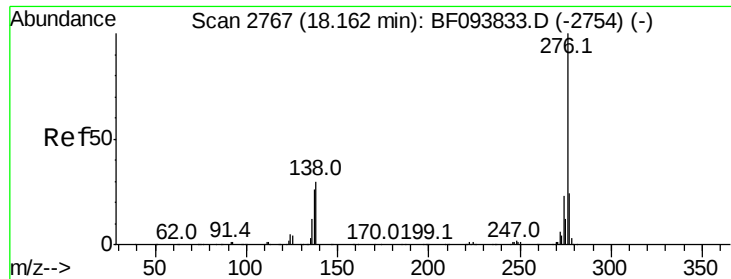
mohammad
3/30/2017 2:33:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.78 ng
RT: 17.67 min Scan# 2684
Delta R.T. -0.04 min
Lab File: BF094042.D
Acq: 30 Mar 2017 2:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 50.25 ng
 RT: 18.06 min Scan# 2749
 Delta R.T. -0.04 min
 Lab File: BF094042.D
 Acq: 30 Mar 2017 2:08

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-8-9-BAEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	29.7	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:33:14 PM

