

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094230.D
 Acq On : 6 Apr 2017 16:07
 Operator : SJ/MA
 Sample : I2537-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM

Quant Time: Apr 06 16:41:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	154897	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	642989	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	296450	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	514658	20.00	ng	0.00
75) Chrysene-d12	14.57	240	360473	20.00	ng	0.00
86) Perylene-d12	16.19	264	262961	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.39	112	1048258	114.30	ng	0.00
7) Phenol-d6	5.46	99	1331149	117.33	ng	0.00
23) Nitrobenzene-d5	6.50	82	832437	73.88	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	282899	120.76	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1439858	74.08	ng	0.00
78) Terphenyl-d14	13.30	244	1142406	71.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	139538	31.67	ng	98
3) Pyridine	2.72	79	366337	30.51	ng	97
4) n-Nitrosodimethylamine	2.68	42	187959	38.04	ng	91
6) Aniline	5.47	93	388745	24.63	ng	# 1
8) 2-Chlorophenol	5.62	128	417581	41.43	ng	99
9) Benzaldehyde	5.35	77	207967	27.15	ng	99
10) Phenol	5.48	94	589197	45.64	ng	95
11) bis(2-Chloroethyl)ether	5.56	93	388884	38.54	ng	97
12) 1,3-Dichlorobenzene	5.79	146	439044	38.83	ng	100
13) 1,4-Dichlorobenzene	5.87	146	443770	38.75	ng	98
14) 1,2-Dichlorobenzene	6.05	146	418450	39.68	ng	97
15) Benzyl Alcohol	6.02	79	345648	41.62	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.19	45	553872	35.63	ng	98
17) 2-Methylphenol	6.16	107	354302	41.04	ng	97
18) Hexachloroethane	6.44	117	153097	38.03	ng	# 82
19) n-Nitroso-di-n-propylamine	6.34	70	292107	40.06	ng	96
20) 3+4-Methylphenols	6.35	107	454066	43.43	ng	# 62
22) Acetophenone	6.33	105	588164	41.04	ng	# 86
24) Nitrobenzene	6.53	77	427779	38.50	ng	93
25) Isophorone	6.82	82	770959	38.94	ng	95
26) 2-Nitrophenol	6.90	139	235217	44.39	ng	94
27) 2,4-Dimethylphenol	6.97	122	383678	42.02	ng	99
28) bis(2-Chloroethoxy)methane	7.07	93	501652	38.42	ng	99
29) 2,4-Dichlorophenol	7.20	162	358590	42.00	ng	99
30) 1,2,4-Trichlorobenzene	7.29	180	341758	38.87	ng	99
31) Naphthalene	7.38	128	1187781	38.42	ng	100
32) Benzoic acid	7.12	122	173273	28.51	ng	96
33) 4-Chloroaniline	7.45	127	217880	17.39	ng	# 92
34) Hexachlorobutadiene	7.54	225	172889	38.34	ng	98
35) Caprolactam	7.89	113	117482m	43.15	ng	
36) 4-Chloro-3-methylphenol	8.07	107	383970	43.04	ng	89
37) 2-Methylnaphthalene	8.23	142	821668	39.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	302309	37.28	ng	99
40) Hexachlorocyclopentadiene	8.42	237	220700	58.16	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094230.D
 Acq On : 6 Apr 2017 16:07
 Operator : SJ/MA
 Sample : I2537-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

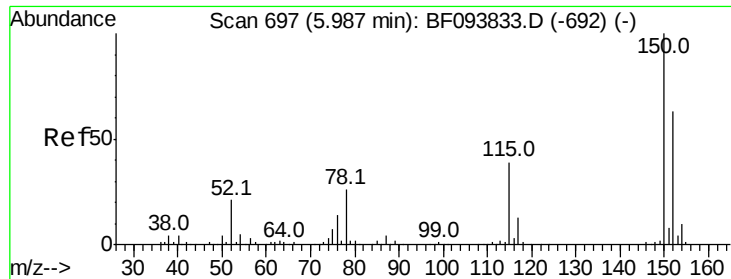
Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM

Quant Time: Apr 06 16:41:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	241663	42.12	nq	99
43) 2,4,5-Trichlorophenol	8.63	196	251395	40.49	nq	96
45) 1,1'-Biphenyl	8.80	154	908551	38.00	nq	98
46) 2-Chloronaphthalene	8.82	162	729167	38.96	nq	96
47) 2-Nitroaniline	8.95	65	226783	40.84	nq	87
48) Acenaphthylene	9.33	152	1151469	37.02	nq	99
49) Dimethylphthalate	9.19	163	1014522	48.14	nq	99
50) 2,6-Dinitrotoluene	9.26	165	195327	40.43	nq	96
51) Acenaphthene	9.54	154	680989	37.52	nq	98
52) 3-Nitroaniline	9.45	138	130049	22.93	nq	90
53) 2,4-Dinitrophenol	9.59	184	144449	57.28	nq	# 68
54) Dibenzofuran	9.75	168	982863	39.78	nq	99
55) 4-Nitrophenol	9.70	139	314581	70.82	nq	# 67
56) 2,4-Dinitrotoluene	9.75	165	241069	39.73	nq	# 72
57) Fluorene	10.17	166	754071	36.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	185566	43.56	nq	98
59) Diethylphthalate	10.06	149	829369	39.82	nq	100
60) 4-Chlorophenyl-phenylether	10.18	204	323298	37.04	nq	90
61) 4-Nitroaniline	10.21	138	208865	38.37	nq	96
62) Azobenzene	10.37	77	800439	40.63	nq	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	113876	36.13	nq	# 77
65) n-Nitrosodiphenylamine	10.33	169	712807	40.05	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	198775	39.27	nq	96
67) Hexachlorobenzene	10.85	284	200267	39.08	nq	# 89
68) Atrazine	11.00	200	209288	39.26	nq	97
69) Pentachlorophenol	11.10	266	219738	68.90	nq	98
70) Phenanthrene	11.35	178	1088046	38.00	nq	100
71) Anthracene	11.42	178	1134647	38.49	nq	99
72) Carbazole	11.62	167	1083493	35.84	nq	99
73) Di-n-butylphthalate	12.07	149	1271615	40.45	nq	99
74) Fluoranthene	12.82	202	1069214	36.47	nq	99
76) Benzidine	12.98	184	426166	29.87	nq	# 93
77) Pyrene	13.09	202	1097798	41.96	nq	100
79) Butylbenzylphthalate	13.90	149	525194	47.12	nq	# 82
80) Benzo(a)anthracene	14.56	228	798220	37.97	nq	99
81) 3,3'-Dichlorobenzidine	14.53	252	203389	27.07	nq	# 97
82) Chrysene	14.60	228	721388	36.98	nq	99
83) Bis(2-ethylhexyl)phthalate	14.62	149	727546	47.84	nq	# 100
84) Di-n-octyl phthalate	15.37	149	1102572	43.40	nq	98
85) Indeno(1,2,3-cd)pyrene	17.52	276	641159	37.95	nq	100
87) Benzo(b)fluoranthene	15.79	252	613111	38.04	nq	98
88) Benzo(k)fluoranthene	15.82	252	598752	37.97	nq	96
89) Benzo(a)pyrene	16.14	252	561042	37.80	nq	99
90) Dibenzo(a,h)anthracene	17.54	278	523824	41.67	nq	98
91) Benzo(g,h,i)perylene	17.91	276	548297	43.28	nq	99

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



#1

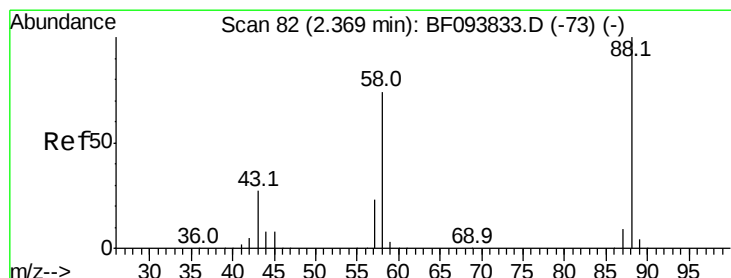
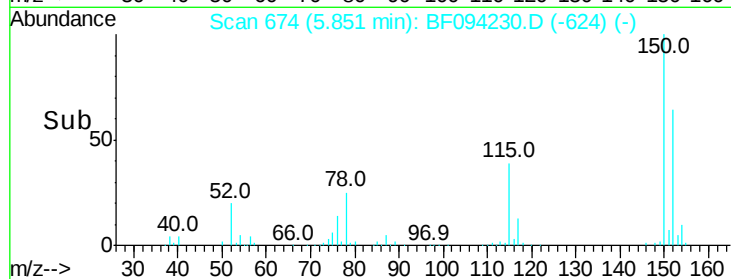
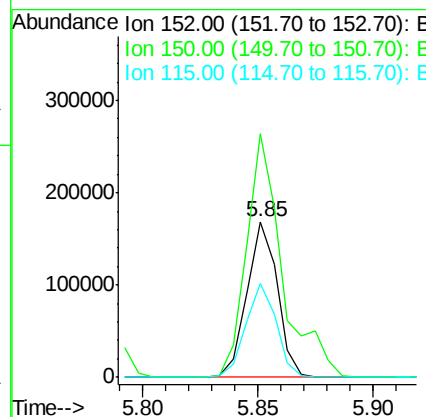
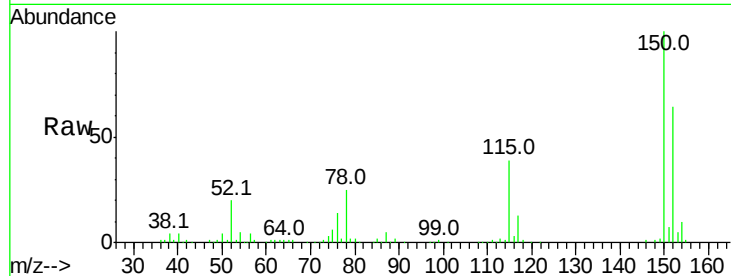
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	60.3	52.2	78.2

Manual Integrations
APPROVED

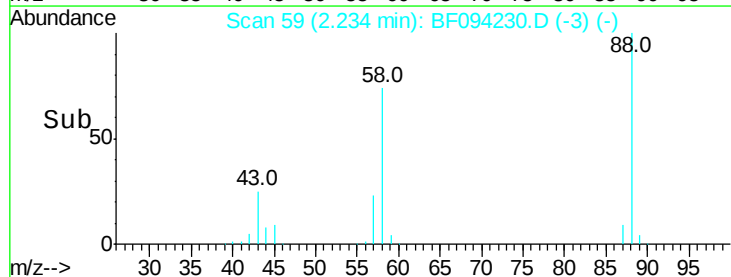
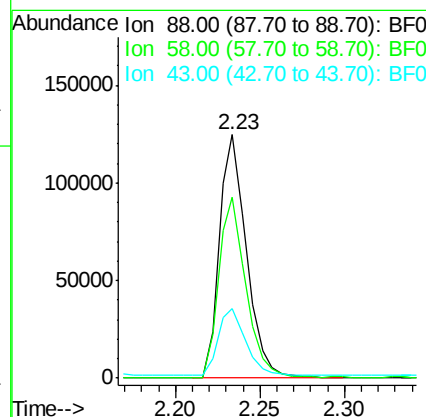
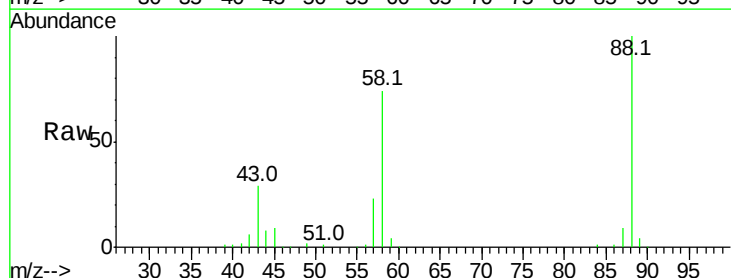
mohammad
4/7/2017 5:20:48 PM

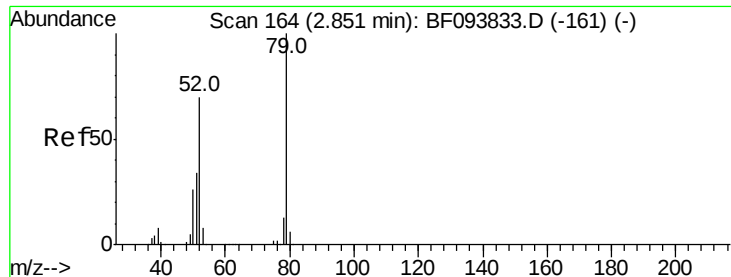


#2

1,4-Dioxane
Concen: 31.67 ng
RT: 2.23 min Scan# 59
Delta R.T. 0.03 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.4	92.0
43	28.2	23.4	35.0





#3

Pvridine

Concen: 30.51 ng

RT: 2.72 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

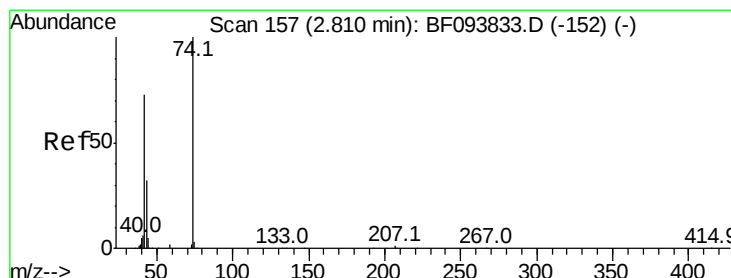
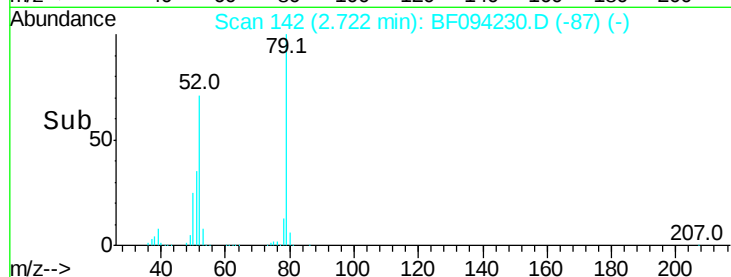
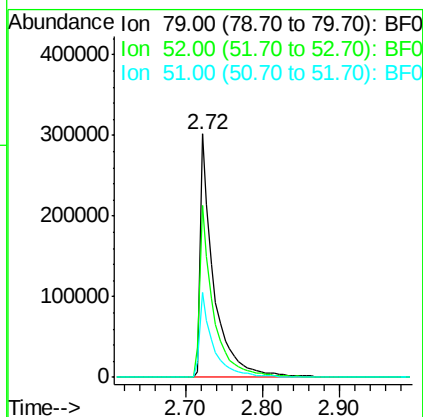
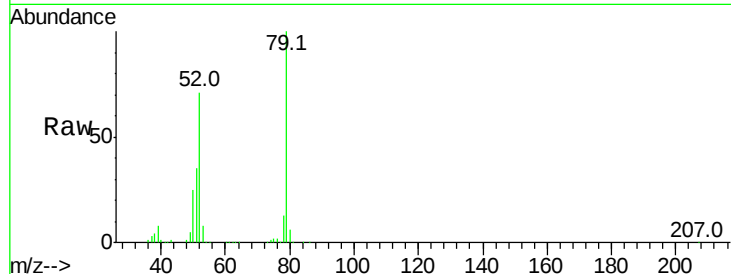
ClientSampleId :

B4-(0-5)MS

Tot Ion:	79	Resp:	366337
Ion Ratio	Lower	Upper	
79	100		
52	70.7	54.8	82.2
51	35.0	27.0	40.4

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#4

n-Nitrosodimethylamine

Concen: 38.04 ng

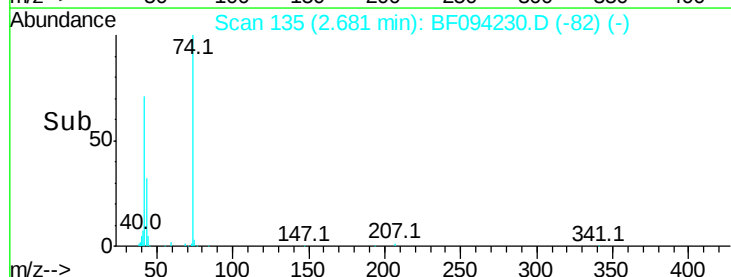
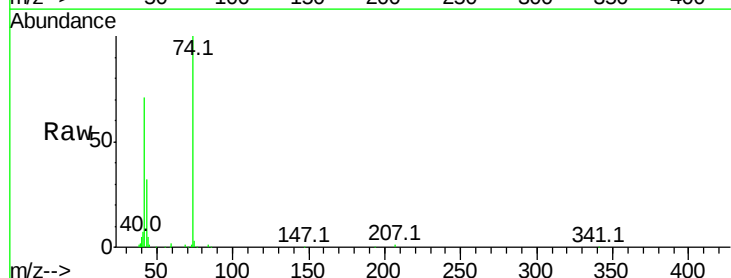
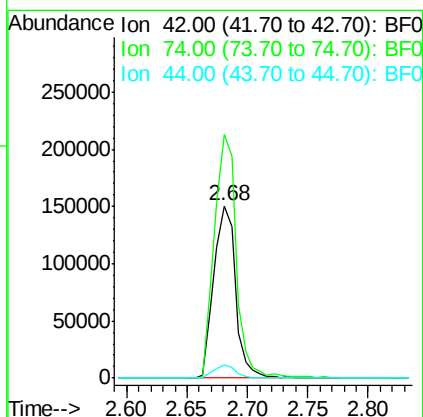
RT: 2.68 min Scan# 135

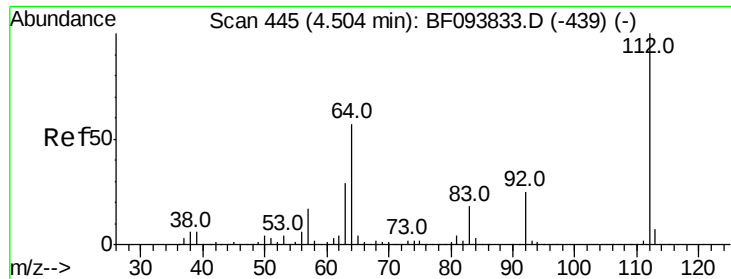
Delta R.T. 0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Tgt Ion:	42	Resp:	187959
Ion Ratio	Lower	Upper	
42	100		
74	141.1	103.9	155.9
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 114.30 ng

RT: 4.39 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

ClientSampled :

B4-(0-5)MS

Tot Ion:112 Resp: 1048258

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

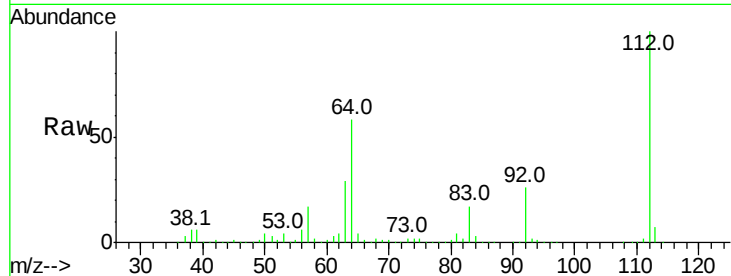
63 29.2 23.4 35.0

Manual Integrations

APPROVED

mohammad

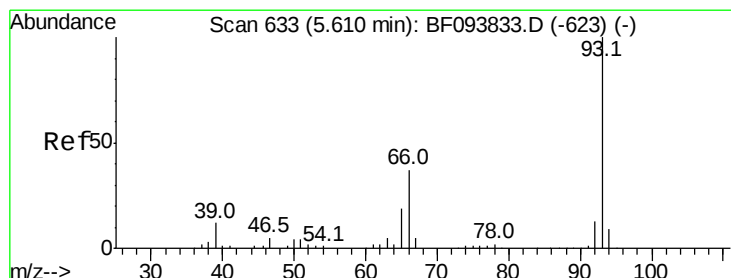
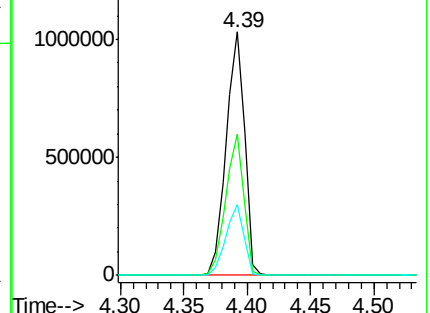
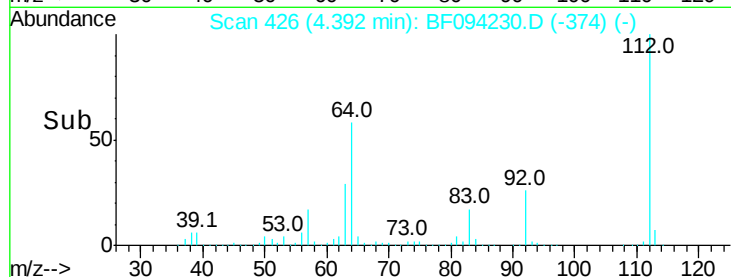
4/7/2017 5:20:48 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.63 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

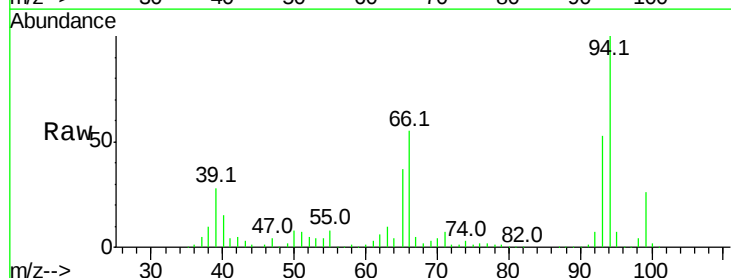
Tgt Ion: 93 Resp: 388745

Ion Ratio Lower Upper

93 100

66 103.7 32.9 49.3#

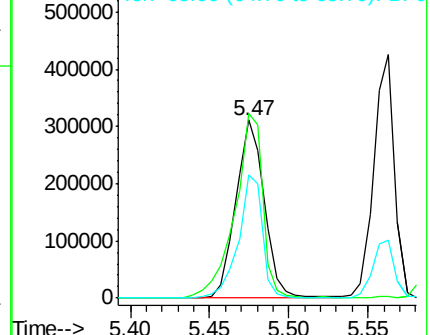
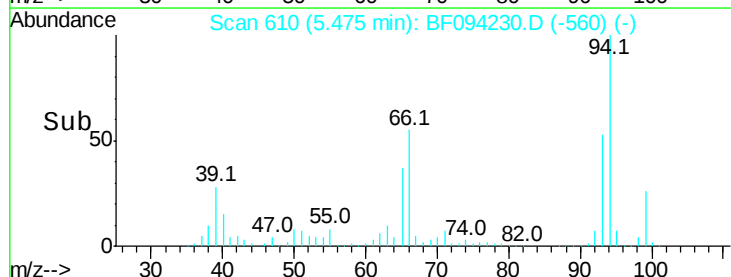
65 69.5 16.0 24.0#

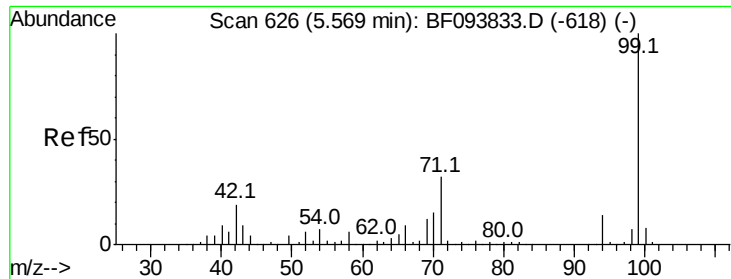


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.33 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MS

Tot Ion: 99 Resp: 1331149

Ion Ratio Lower Upper

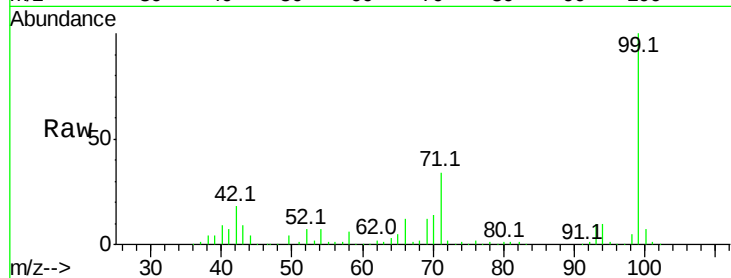
99 100

42 18.0 13.5 20.3

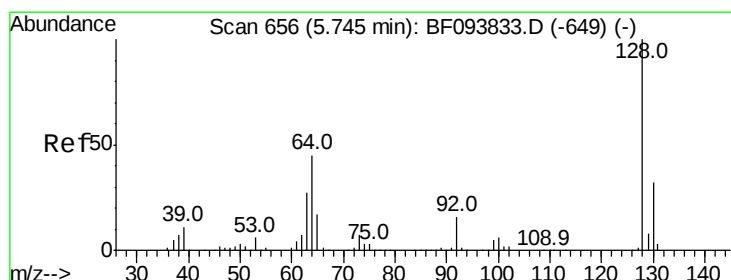
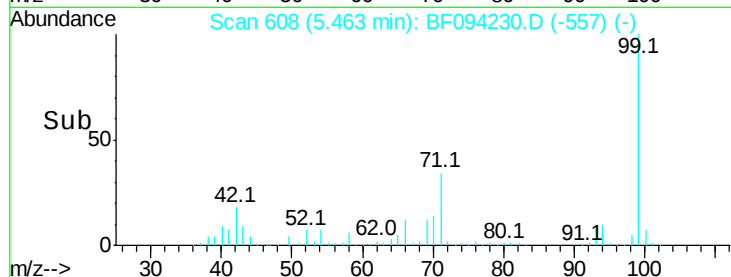
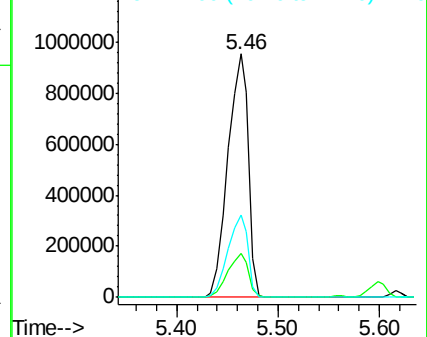
71 33.6 24.5 36.7

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 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: 41.43 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

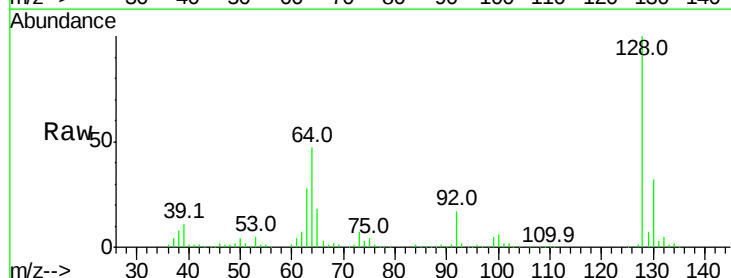
Tgt Ion:128 Resp: 417581

Ion Ratio Lower Upper

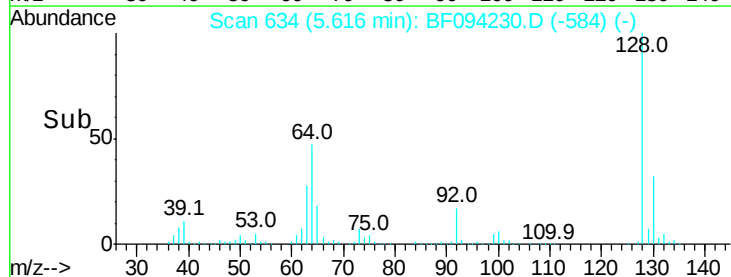
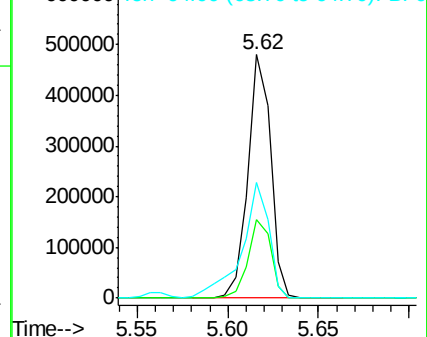
128 100

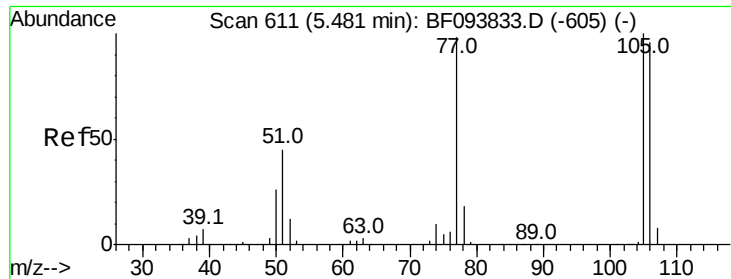
130 32.5 12.9 52.9

64 47.3 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: 27.15 ng

RT: 5.35 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

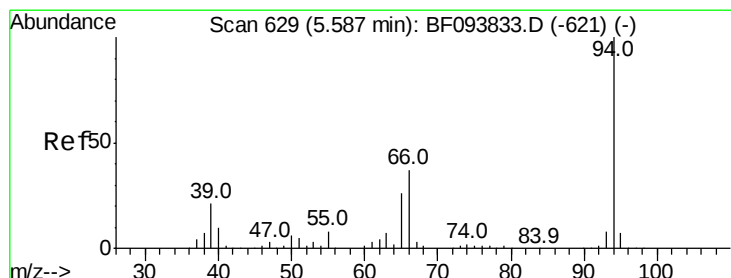
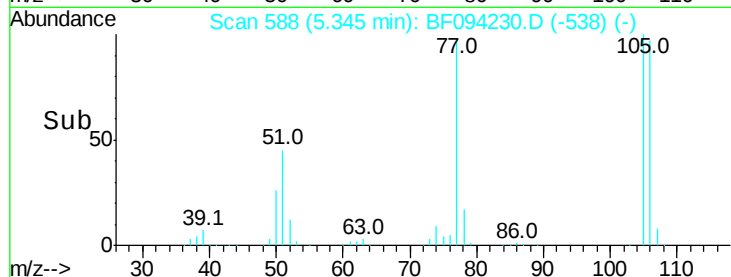
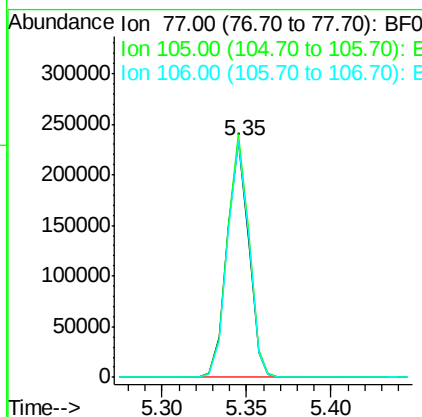
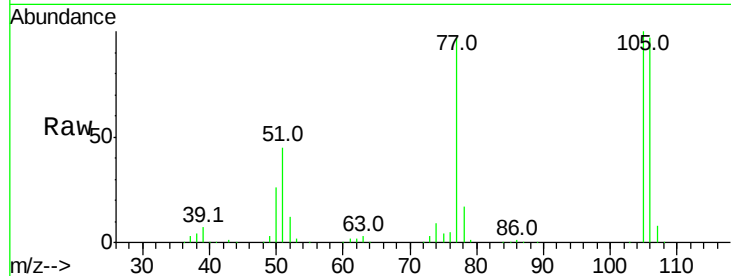
ClientSampleId :

B4-(0-5)MS

Tot Ion:	77	Resp:	207967
Ion Ratio	Lower	Upper	
77	100		
105	103.2	83.8	123.8
106	100.0	79.1	119.1

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#10

Phenol

Concen: 45.64 ng

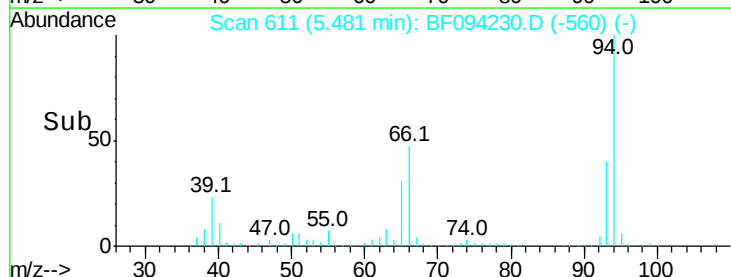
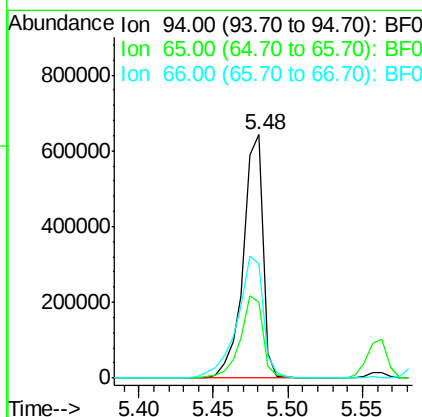
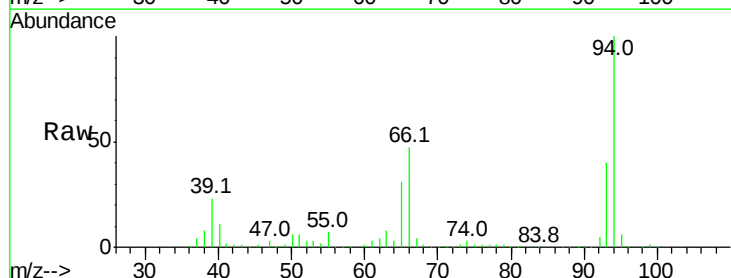
RT: 5.48 min Scan# 611

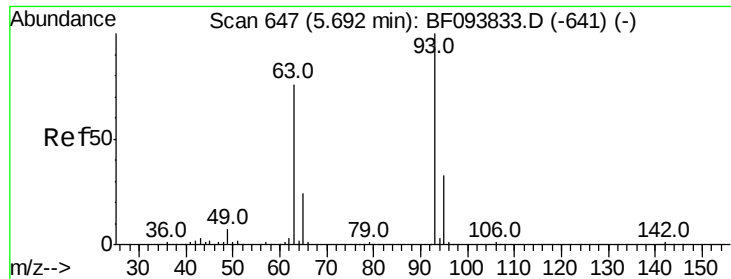
Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Tgt Ion:	94	Resp:	589197
Ion Ratio	Lower	Upper	
94	100		
65	31.1	9.9	49.9
66	47.0	23.1	63.1





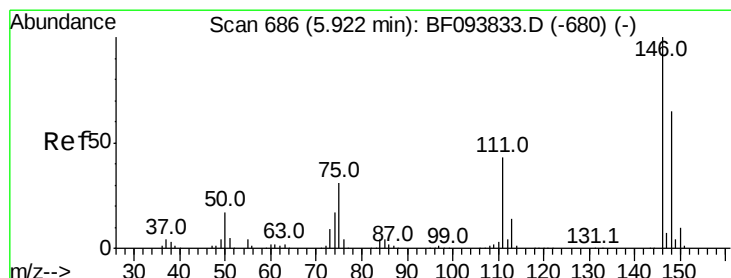
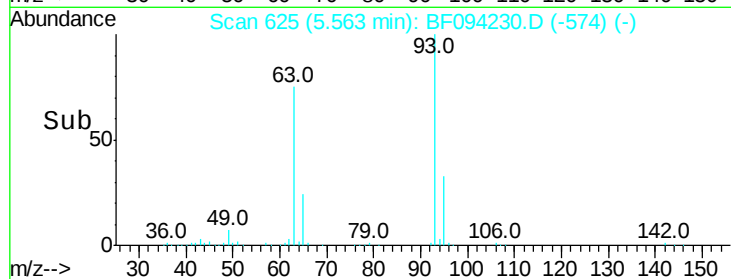
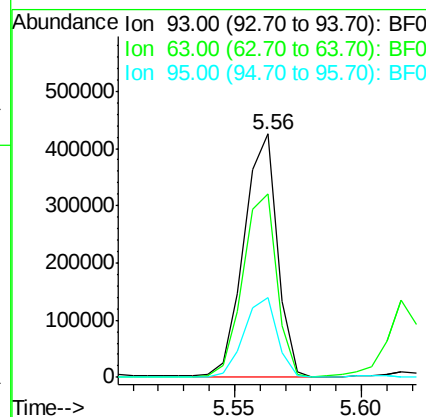
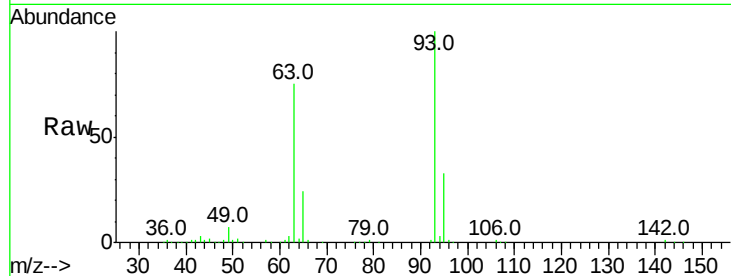
#11
bis(2-Chloroethyl)ether
Concen: 38.54 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.2	99.2
95	32.6	12.8	52.8

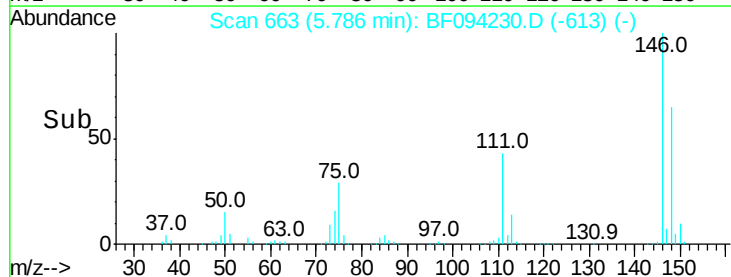
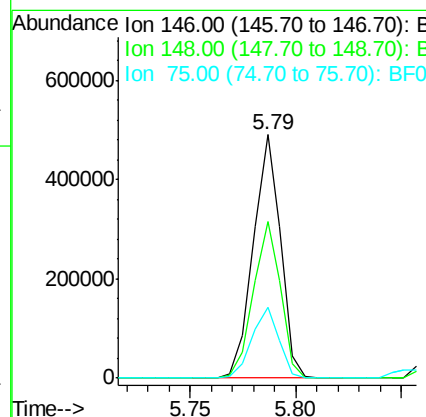
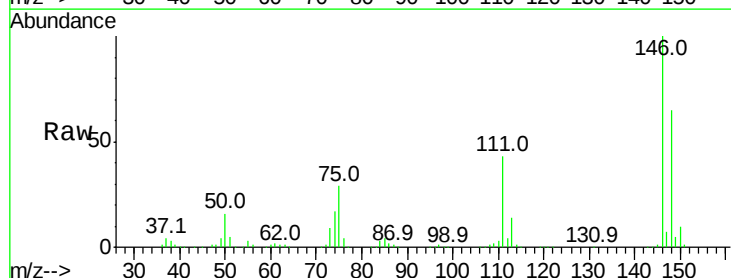
Manual Integrations
APPROVED

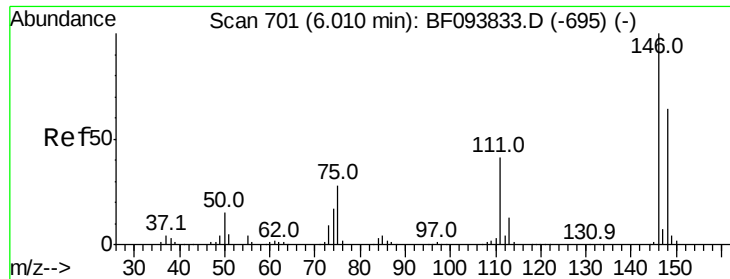
mohammad
4/7/2017 5:20:48 PM



#12
1,3-Dichlorobenzene
Concen: 38.83 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
75	29.0	23.1	34.7





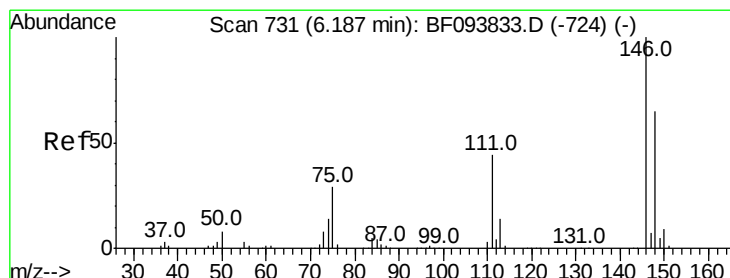
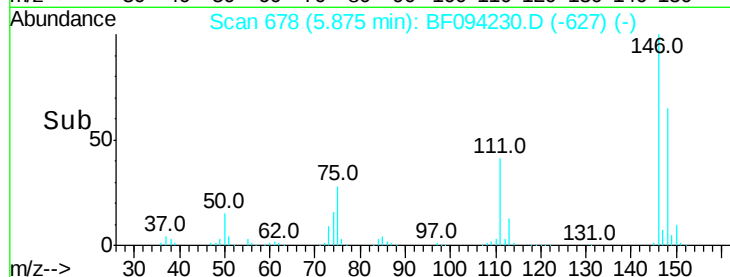
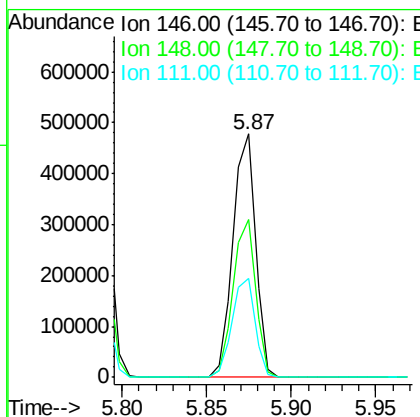
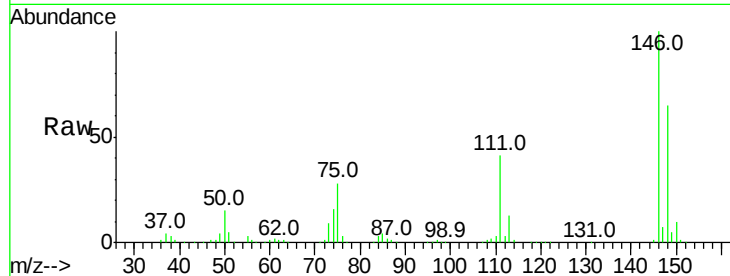
#13
 1,4-Dichlorobenzene
 Concen: 38.75 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	40.7	30.3	45.5

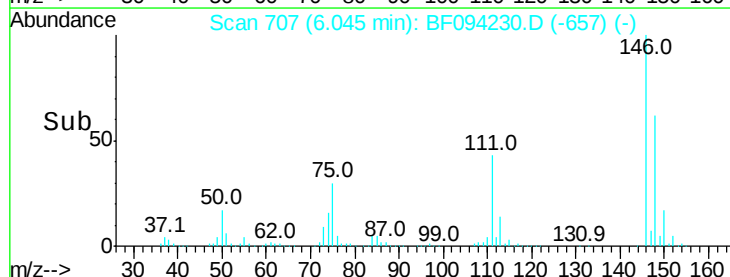
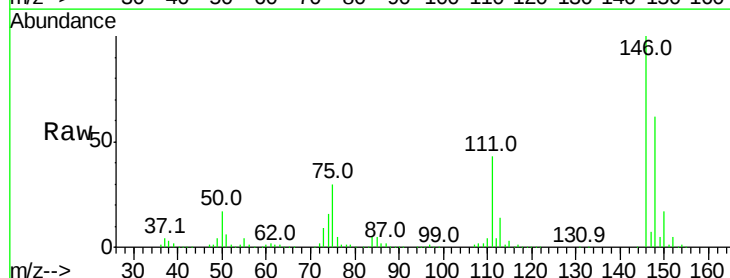
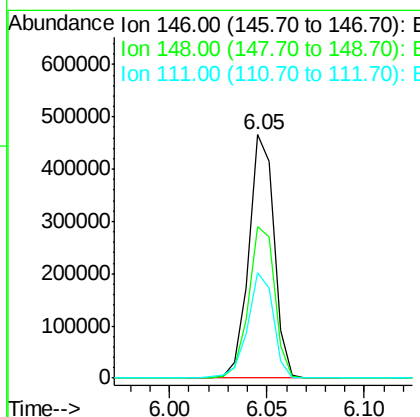
Manual Integrations
 APPROVED

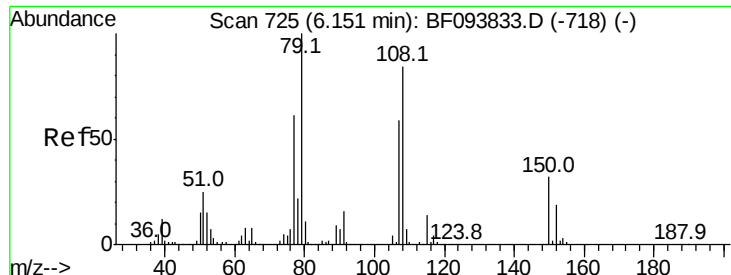
mohammad
 4/7/2017 5:20:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.68 ng
 RT: 6.05 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.4	75.6
111	43.5	38.2	57.4





#15

Benzyl Alcohol

Concen: 41.62 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MS

Tot Ion: 79 Resp: 345648

Ion Ratio Lower Upper

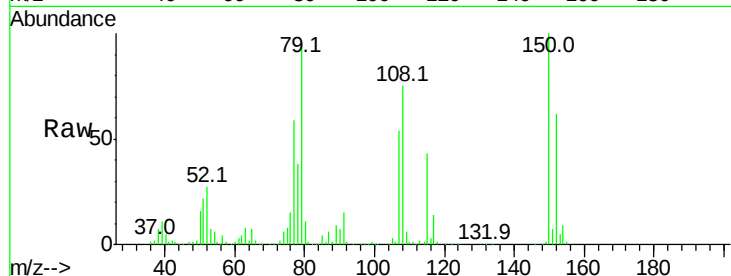
79 100

108 79.3 63.4 95.0

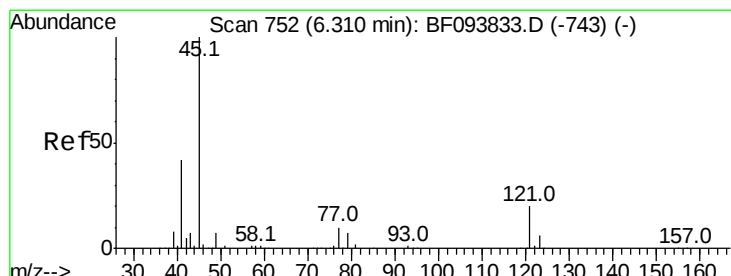
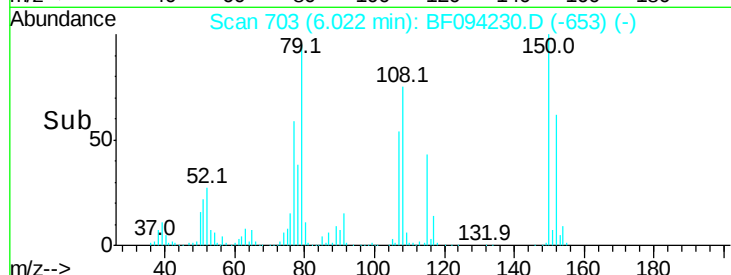
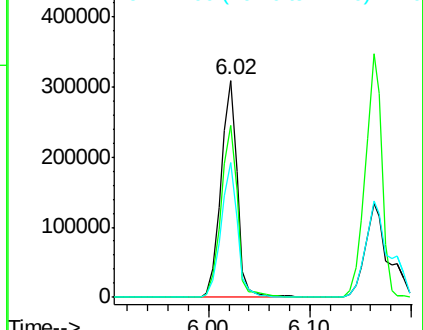
77 62.3 49.2 73.8

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.63 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

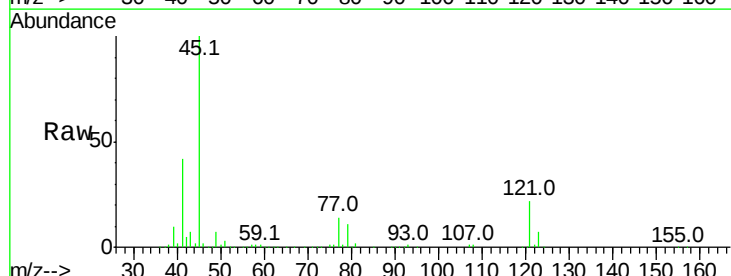
Tgt Ion: 45 Resp: 553872

Ion Ratio Lower Upper

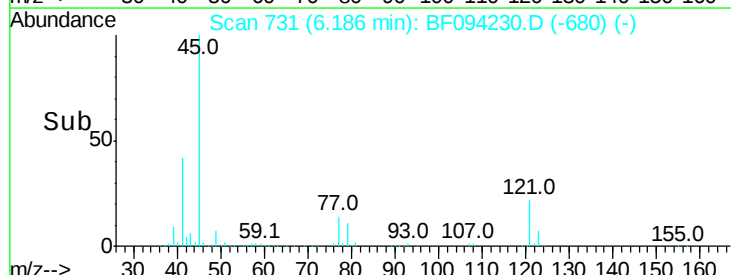
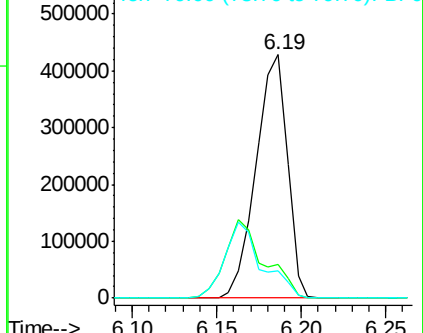
45 100

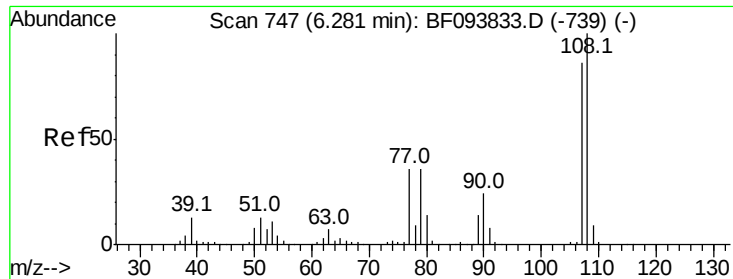
77 13.8 0.0 33.2

79 11.4 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





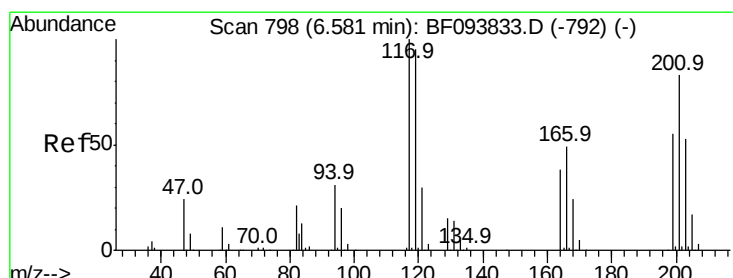
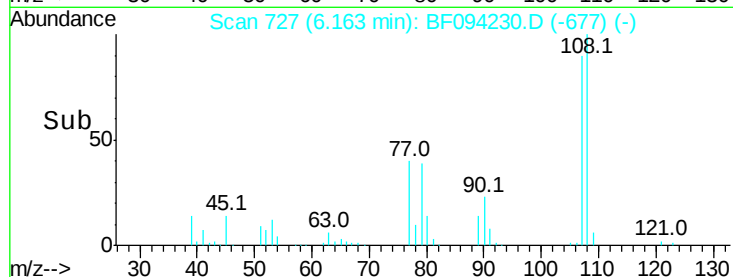
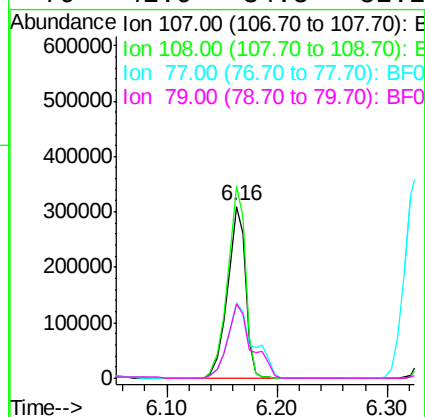
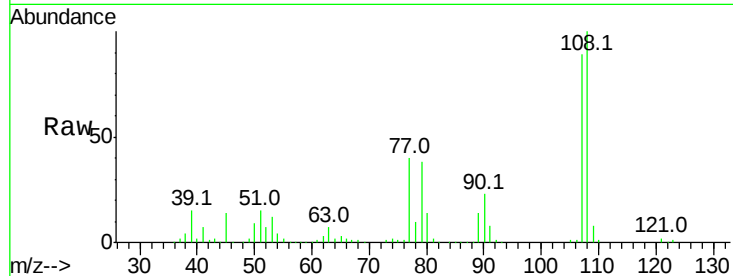
#17
2-Methylphenol
Concen: 41.04 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	93.4	140.0	
77	44.3	35.8	53.6	
79	42.9	34.8	52.2	

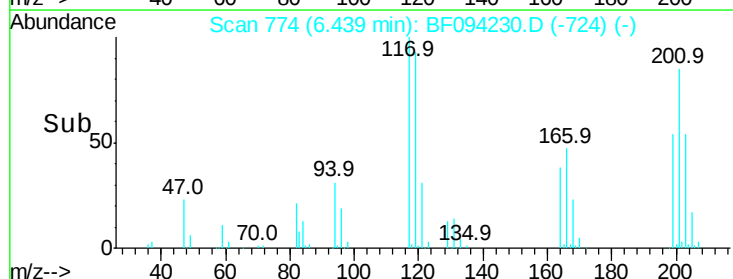
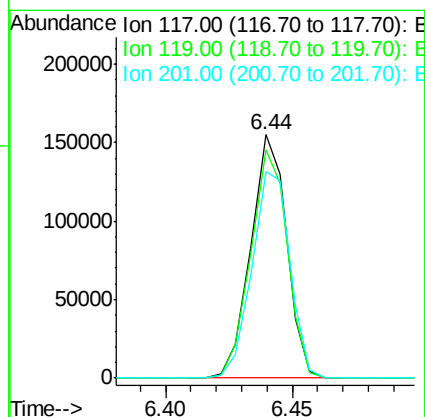
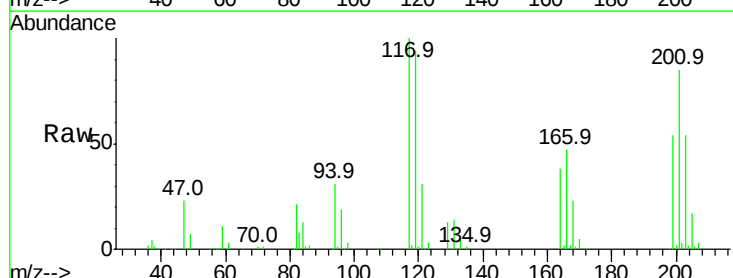
Manual Integrations
APPROVED

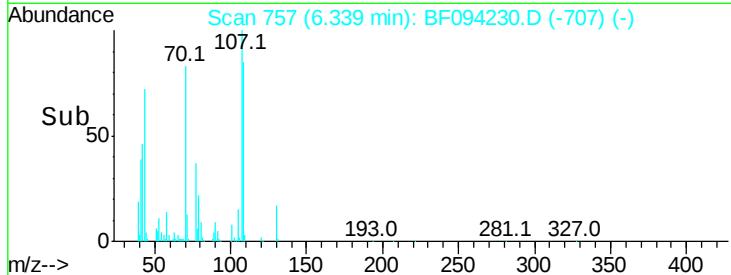
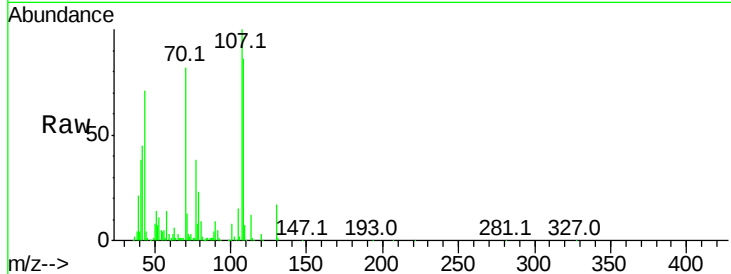
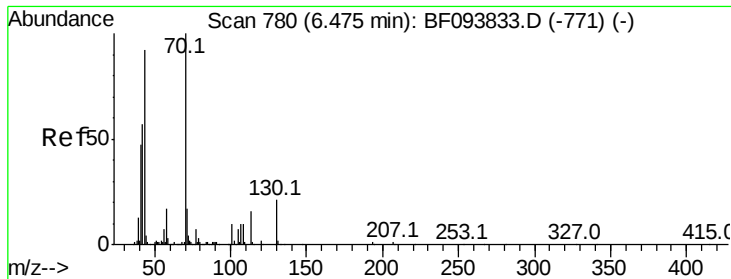
mohammad
4/7/2017 5:20:48 PM



#18
Hexachloroethane
Concen: 38.03 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	77.4	116.0	
201	84.9	94.6	141.8#	





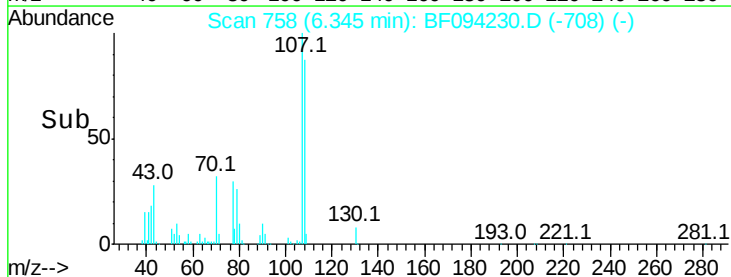
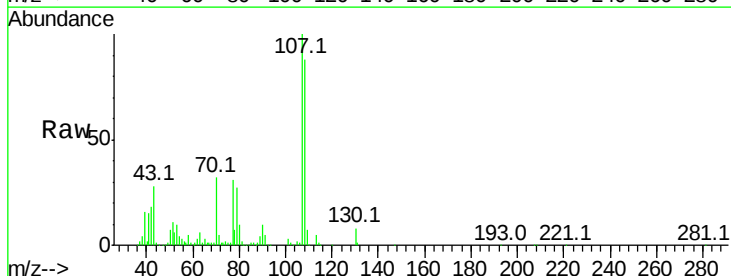
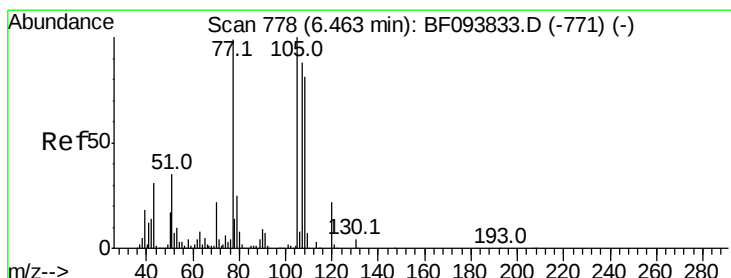
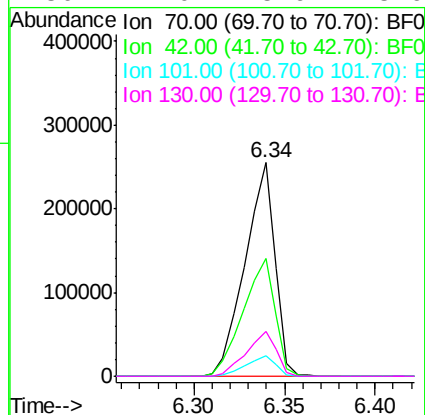
#19
n-Nitroso-di-n-propylamine
Concen: 40.06 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.2	70.8
101	9.6	7.2	10.8
130	21.0	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

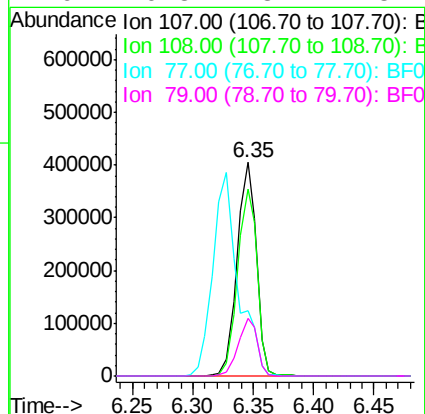
Manual Integrations
APPROVED

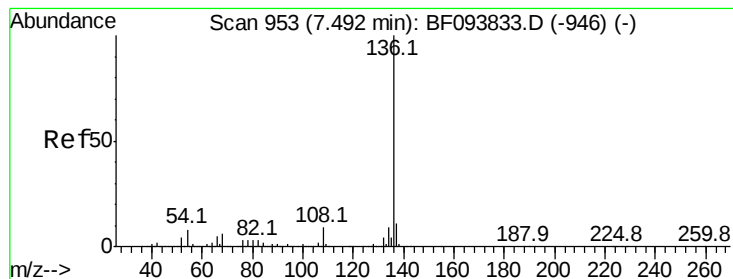
mohammad
4/7/2017 5:20:48 PM



#20
3+4-Methylphenols
Concen: 43.43 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.0	111.0
77	30.6	90.5	130.5#
79	26.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

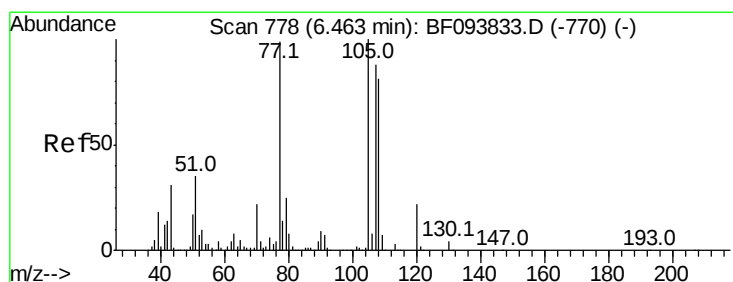
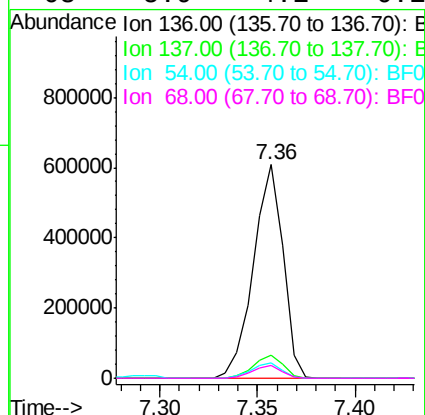
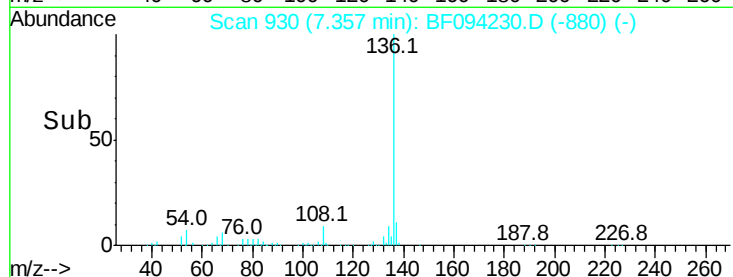
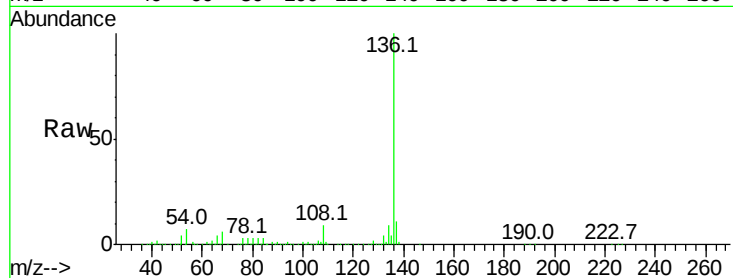
ClientSampleId :

B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	642989		
137	10.9		8.5	12.7
54	7.2		4.9	7.3
68	5.9		4.1	6.1

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#22

Acetophenone

Concen: 41.04 ng

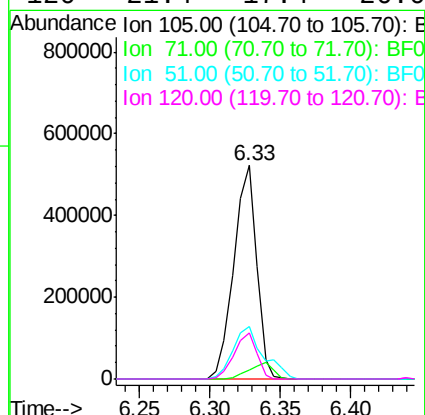
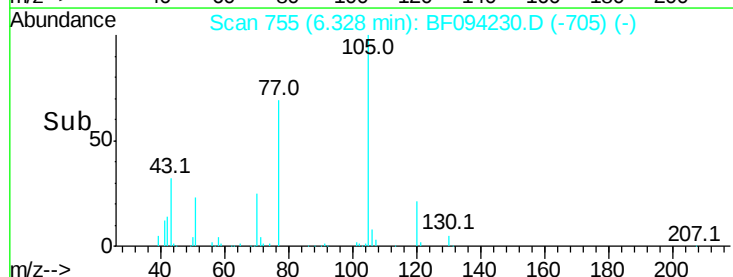
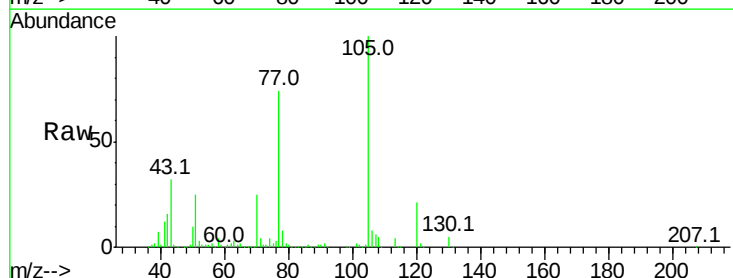
RT: 6.33 min Scan# 755

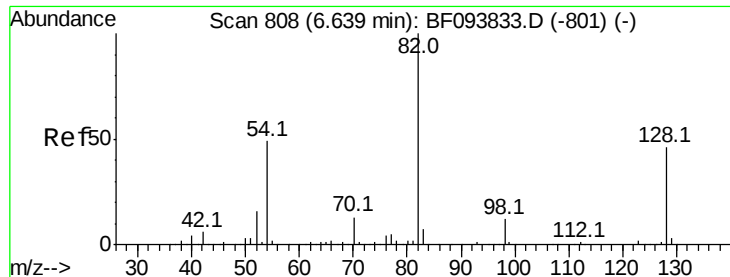
Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588164		
71	4.1		2.8	4.2
51	24.8		30.7	46.1#
120	21.4		17.4	26.0





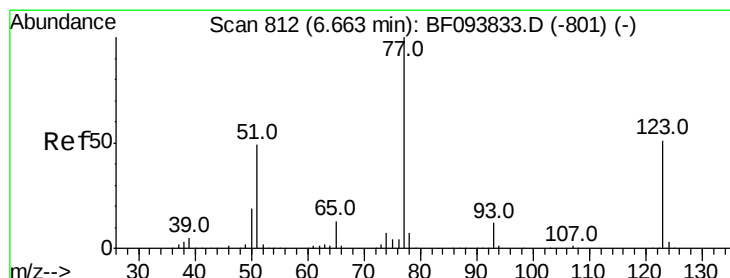
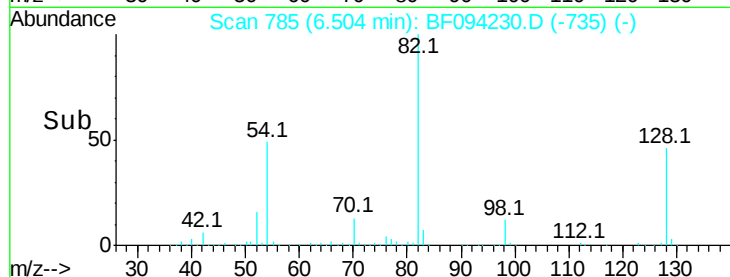
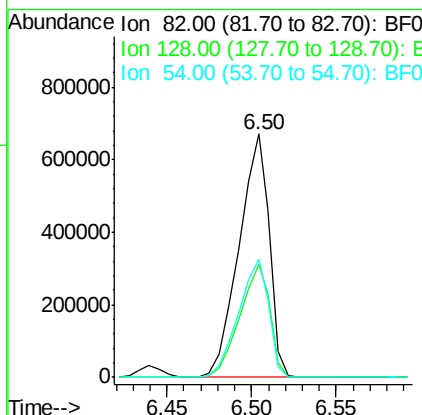
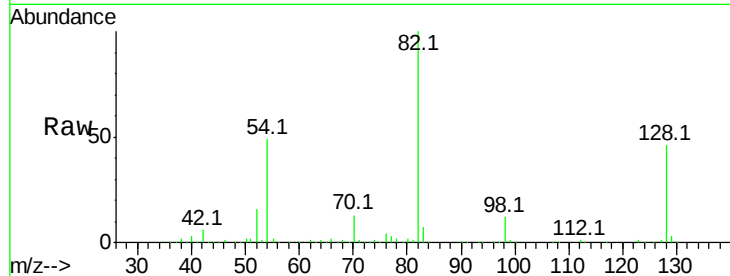
#23
 Nitrobenzene-d5
 Concen: 73.88 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	48.6	42.2	63.2

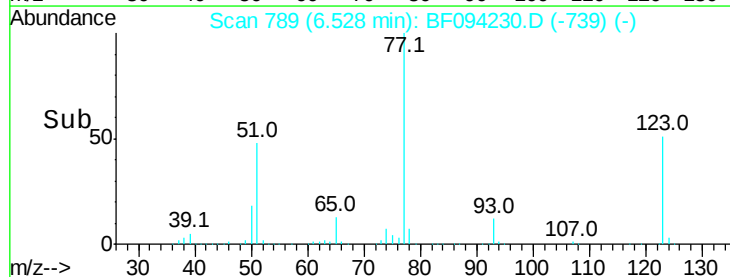
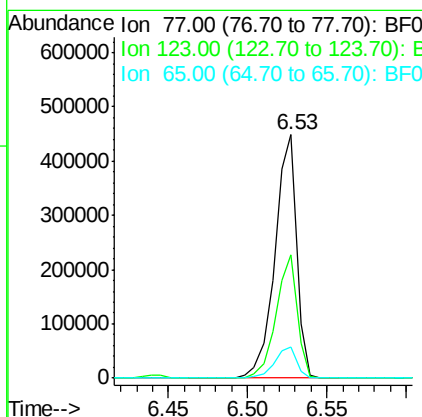
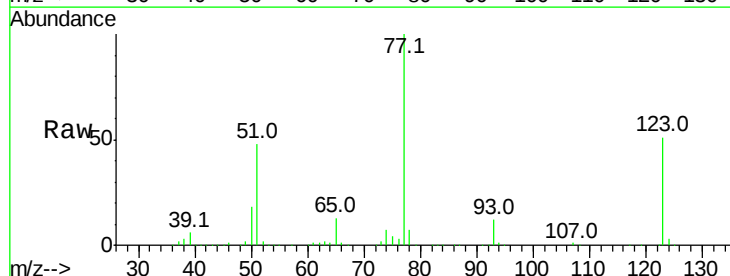
Manual Integrations
 APPROVED

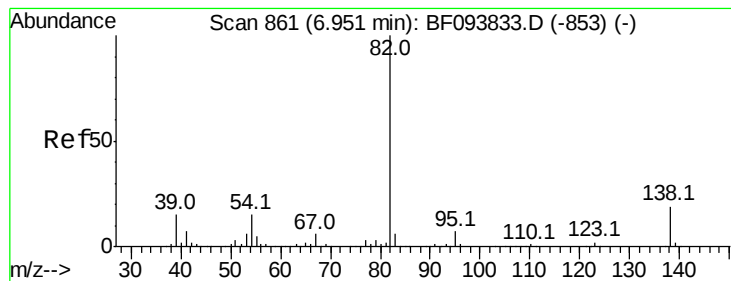
mohammad
 4/7/2017 5:20:48 PM



#24
 Nitrobenzene
 Concen: 38.50 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 38.94 ng

RT: 6.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

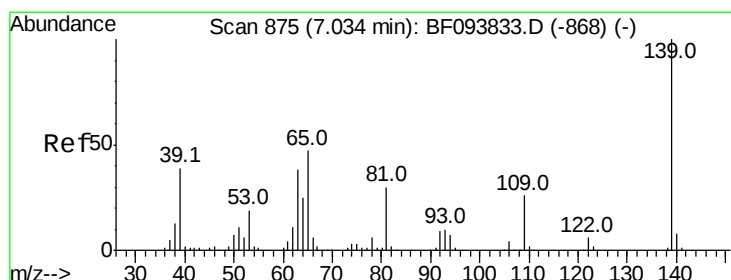
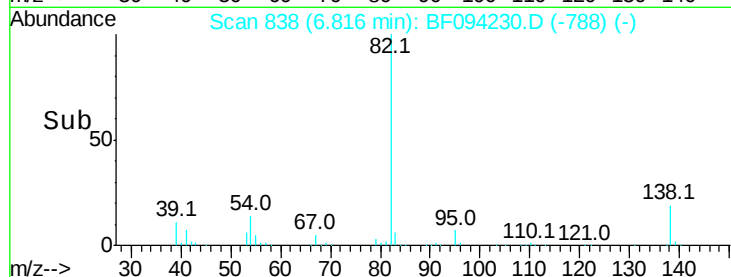
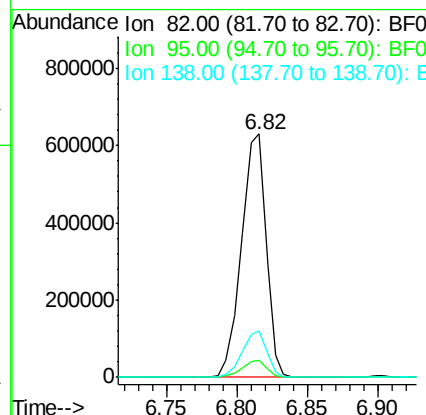
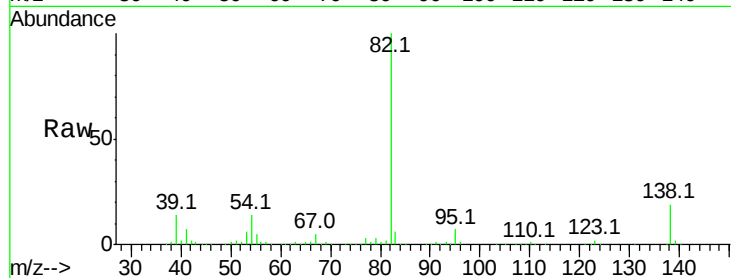
ClientSampleId :

B4-(0-5)MS

Tot Ion:	82	Resp:	770959
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.3	13.1	19.7

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#26

2-Nitrophenol

Concen: 44.39 ng

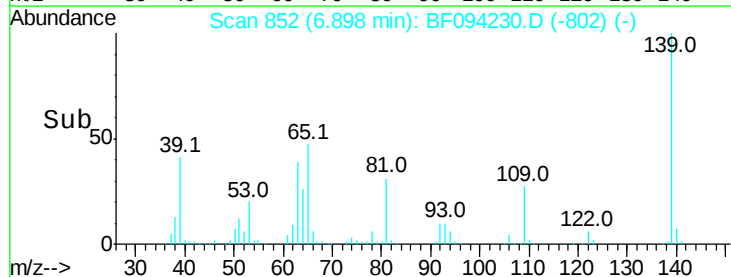
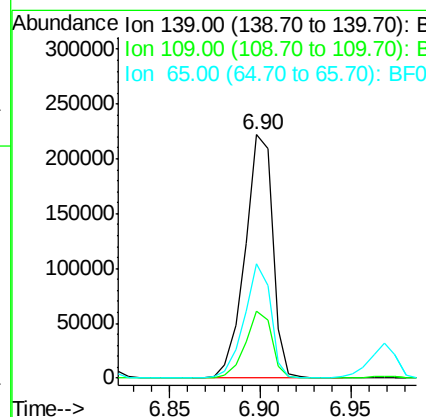
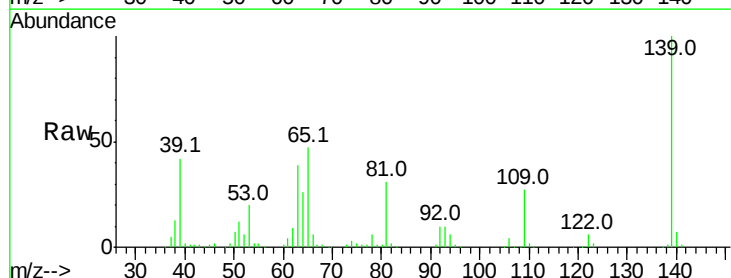
RT: 6.90 min Scan# 852

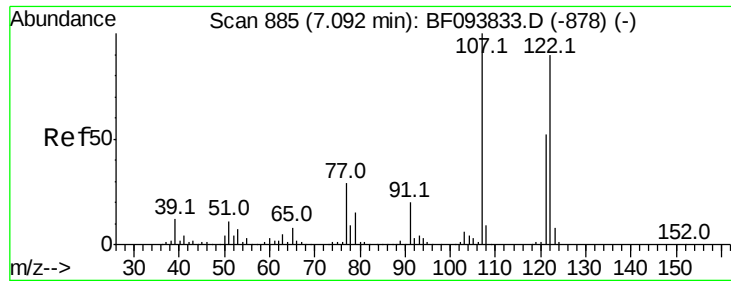
Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Tgt Ion:	139	Resp:	235217
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.0	31.6
65	46.7	33.0	49.6





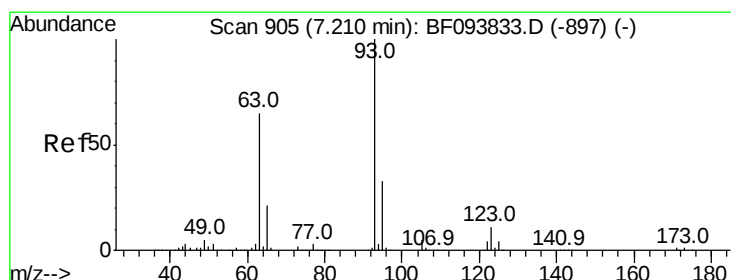
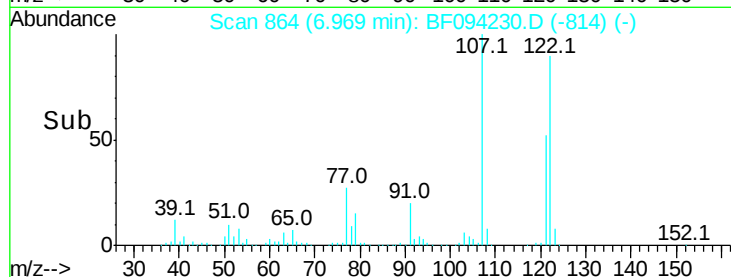
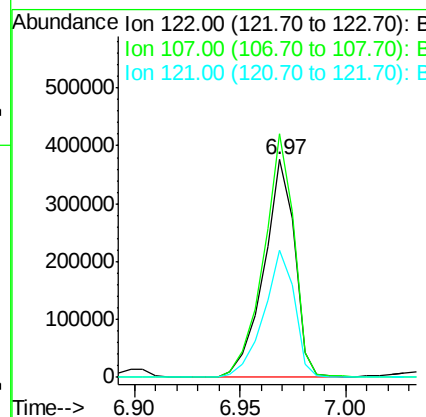
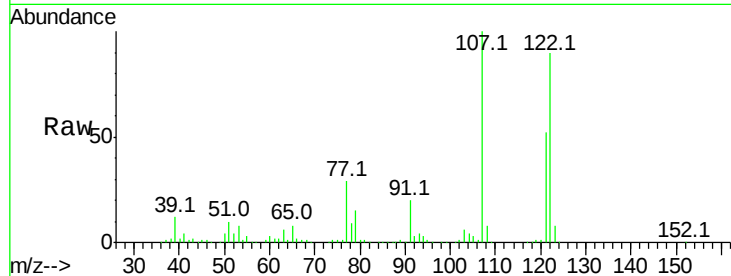
#27
 2,4-Dimethylphenol
 Concen: 42.02 ng
 RT: 6.97 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.2	133.8
121	58.6	45.2	67.8

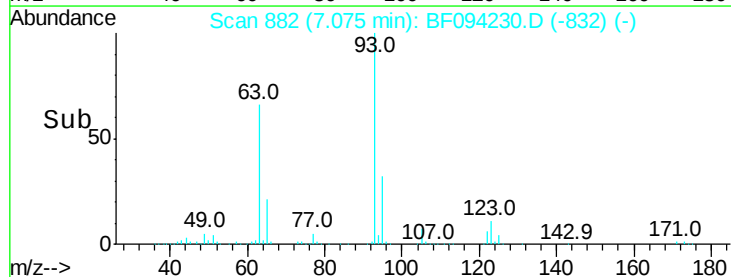
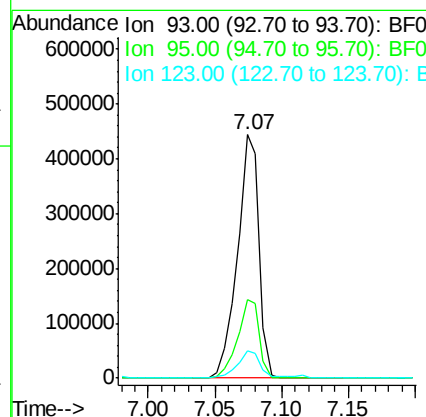
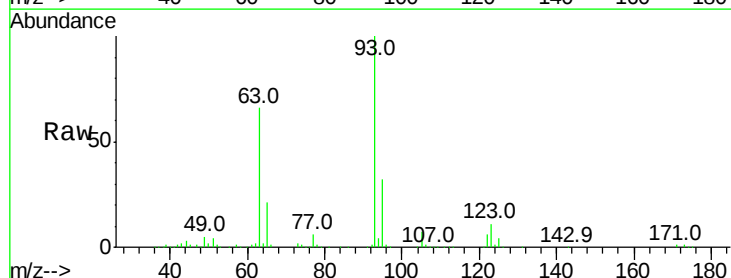
Manual Integrations
 APPROVED

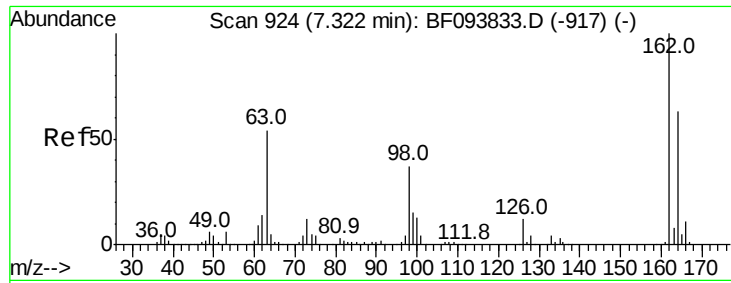
mohammad
 4/7/2017 5:20:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.42 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	11.1	9.0	13.4





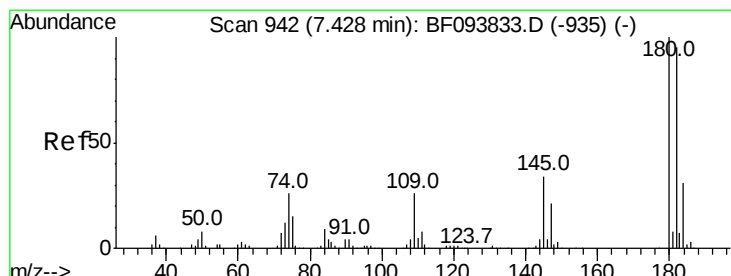
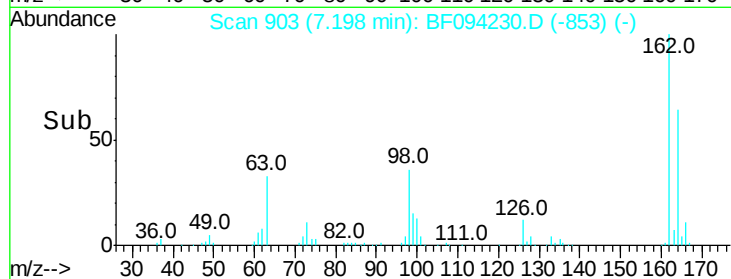
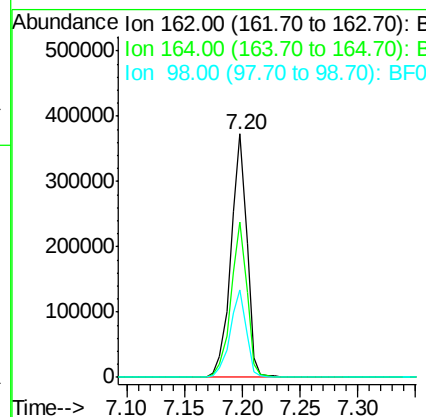
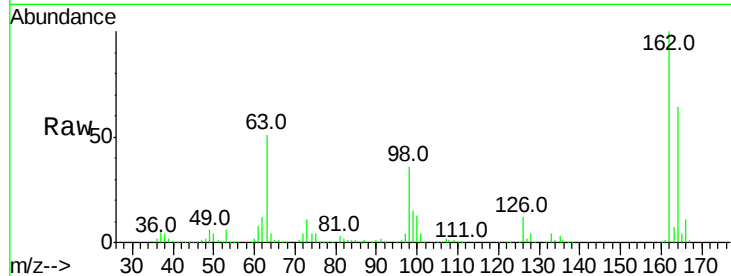
#29
 2,4-Dichlorophenol
 Concen: 42.00 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion:	162	Resp:	358590
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	36.1	14.8	54.8

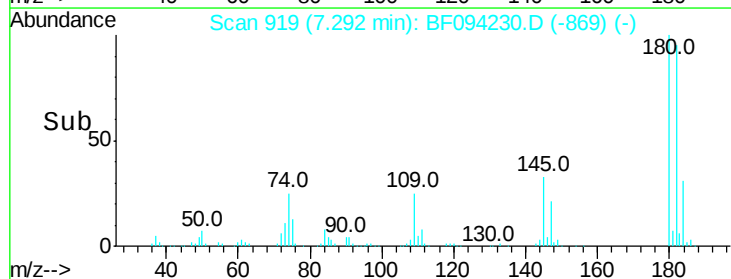
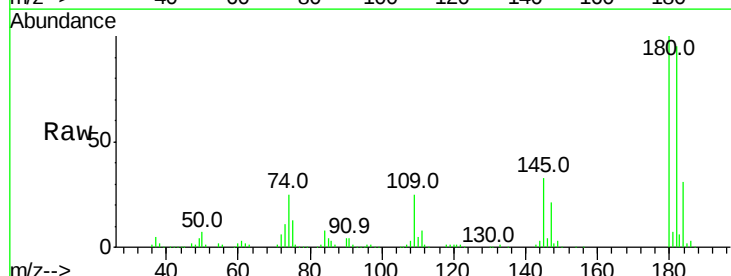
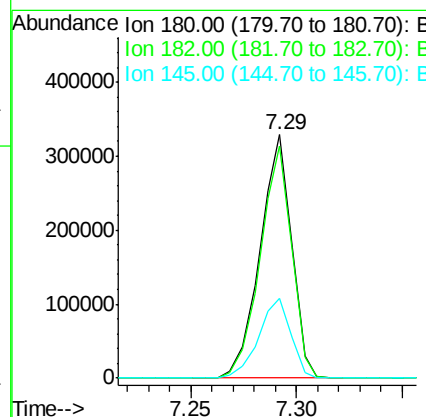
Manual Integrations
 APPROVED

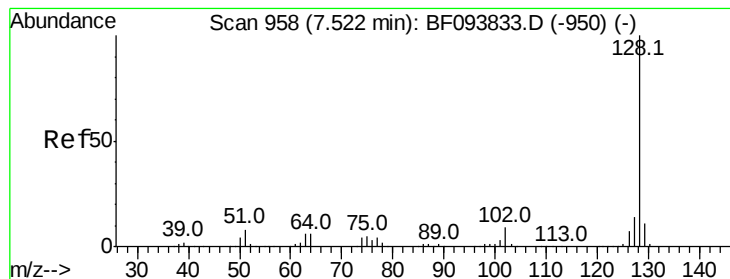
mohammad
 4/7/2017 5:20:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.87 ng
 RT: 7.29 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion:	180	Resp:	341758
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.6
145	33.0	25.3	37.9





#31

Naphthalene

Concen: 38.42 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MS

Tot Ion:128 Resp: 1187781

Ion Ratio Lower Upper

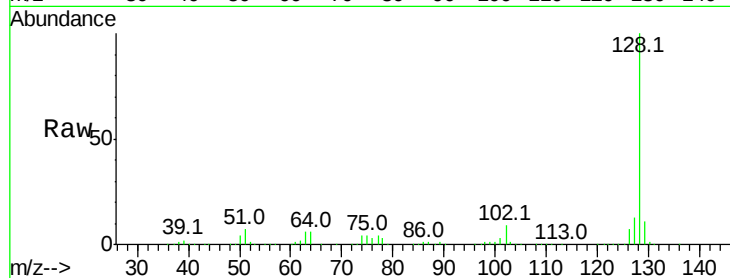
128 100

129 11.4 9.0 13.6

127 13.4 10.8 16.2

Manual Integrations
APPROVED

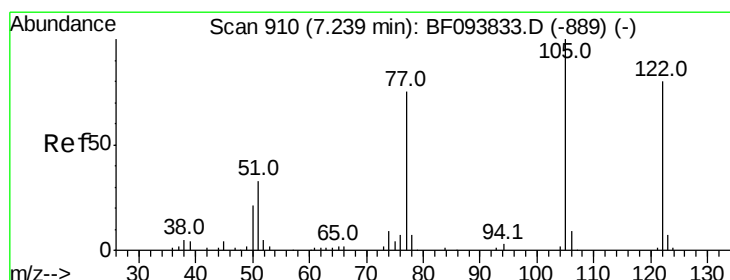
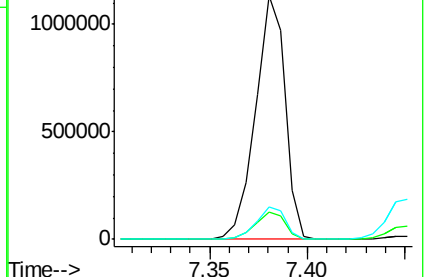
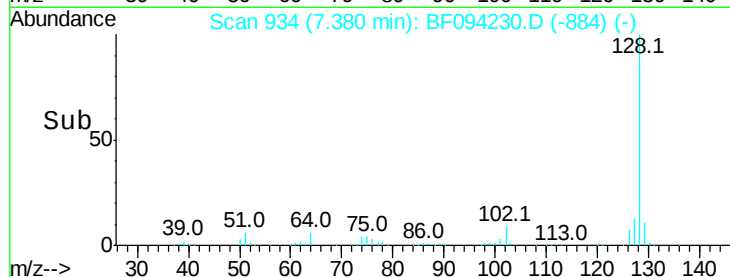
mohammad
4/7/2017 5:20:48 PM



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: 28.51 ng

RT: 7.12 min Scan# 889

Delta R.T. -0.03 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

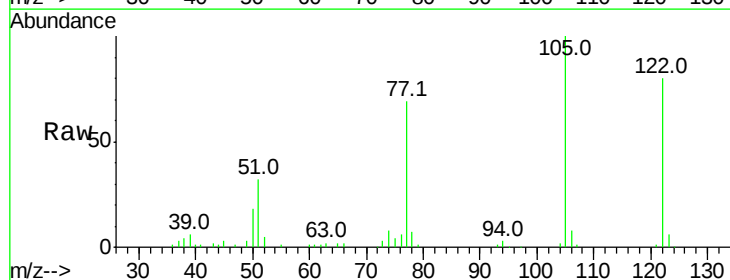
Tgt Ion:122 Resp: 173273

Ion Ratio Lower Upper

122 100

105 125.7 103.3 143.3

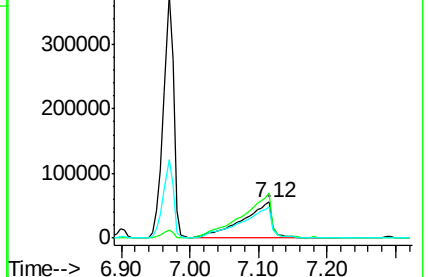
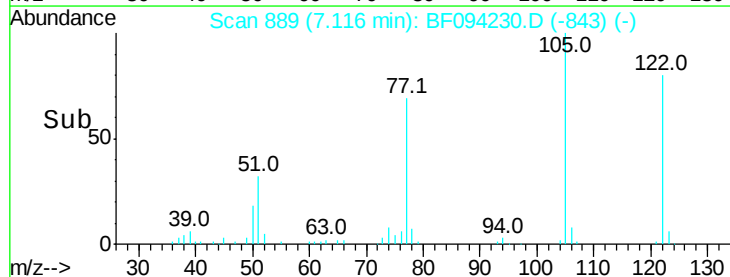
77 86.4 73.7 113.7



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





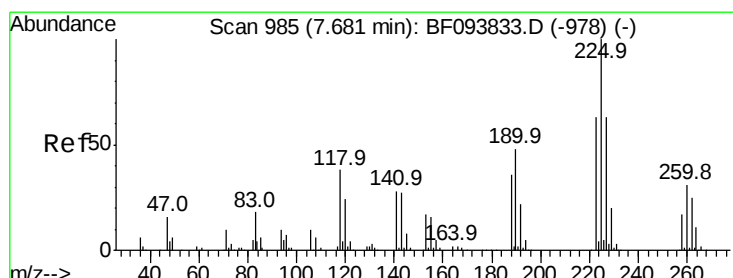
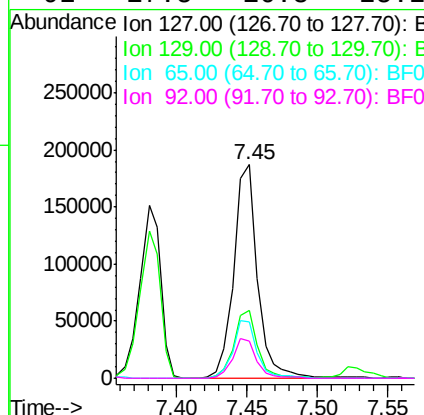
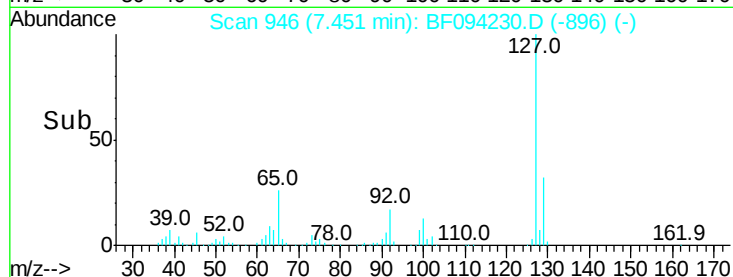
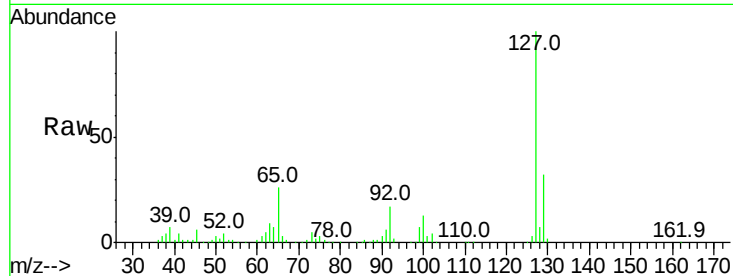
#33
4-Chloroaniline
Concen: 17.39 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	26.3	27.8	41.8
92	17.5	16.8	25.2

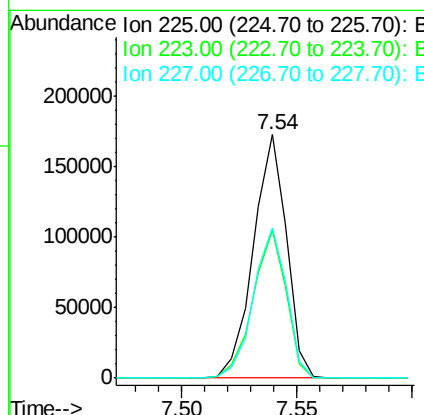
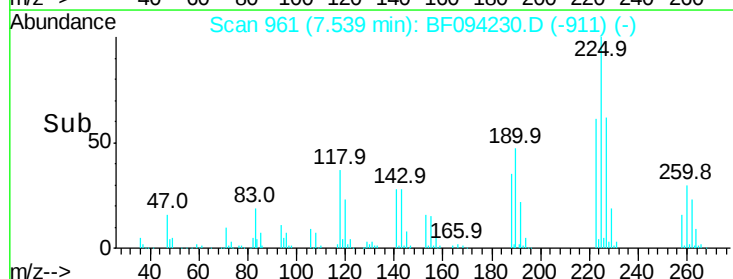
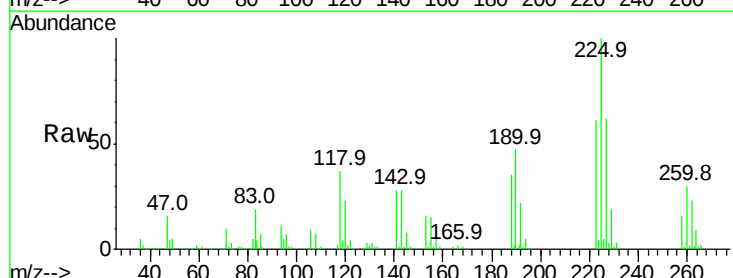
Manual Integrations
APPROVED

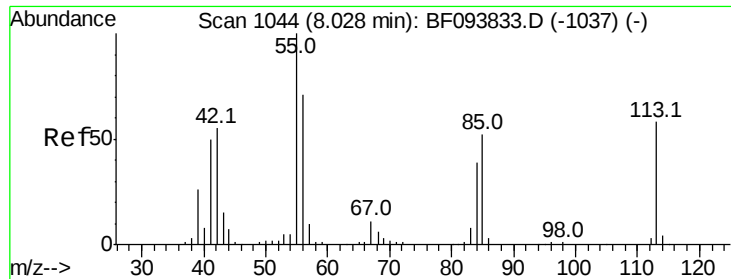
mohammad
4/7/2017 5:20:48 PM



#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 7.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.8	73.2
227	61.7	51.1	76.7





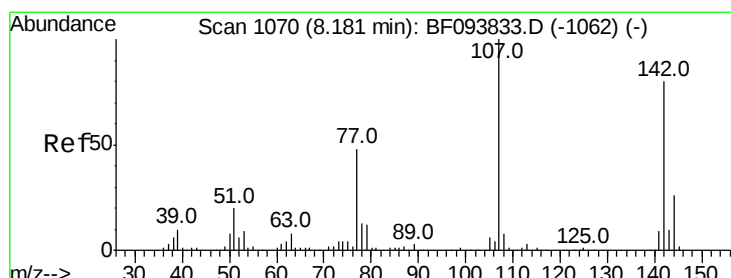
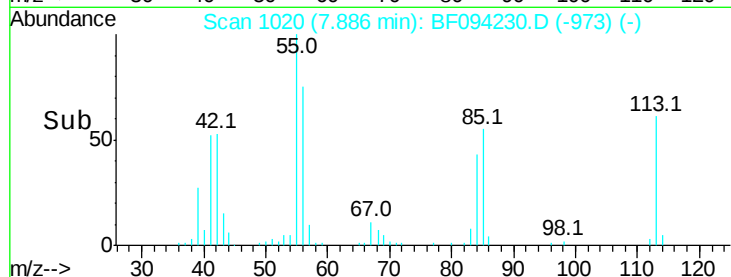
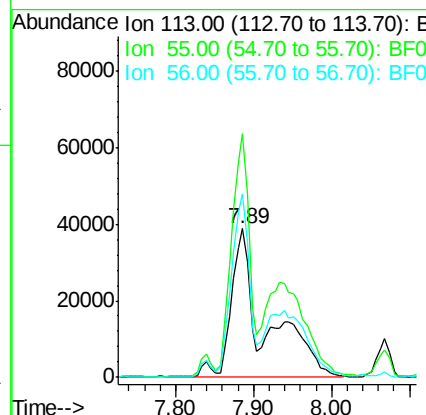
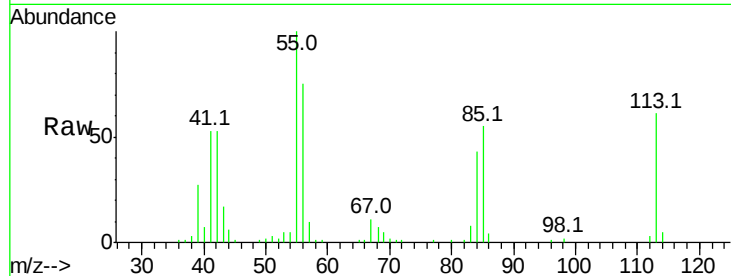
#35
 Caprolactam
 Concen: 43.15 ng/ml
 RT: 7.89 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleID :
 B4-(0-5)MS

Tot Ion:113 Resp: 117482
 Ion Ratio Lower Upper
 113 100
 55 163.6 150.2 190.2
 56 123.4 107.8 147.8

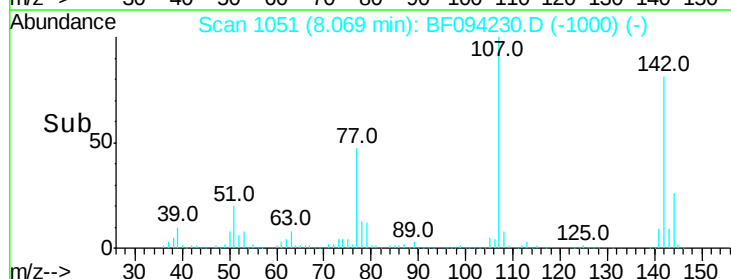
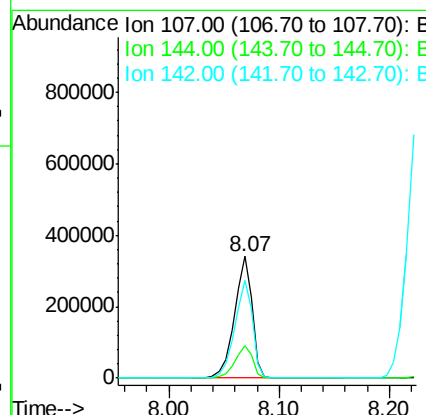
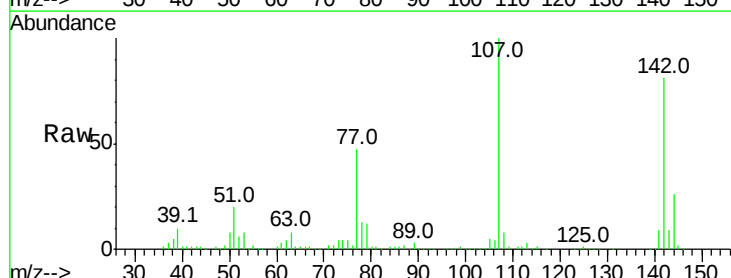
Manual Integrations
 APPROVED

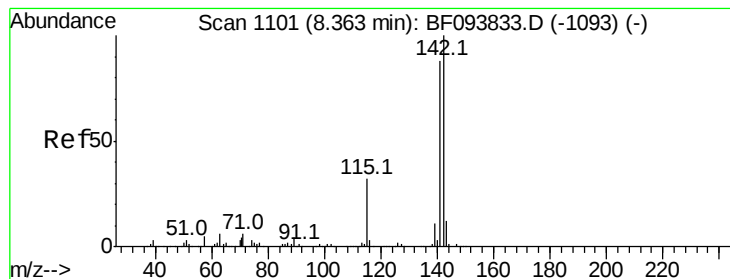
mohammad
 4/7/2017 5:20:48 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.04 ng/ml
 RT: 8.07 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion:107 Resp: 383970
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.6 73.4 110.0





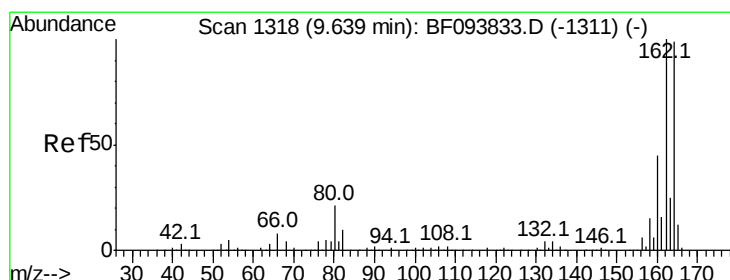
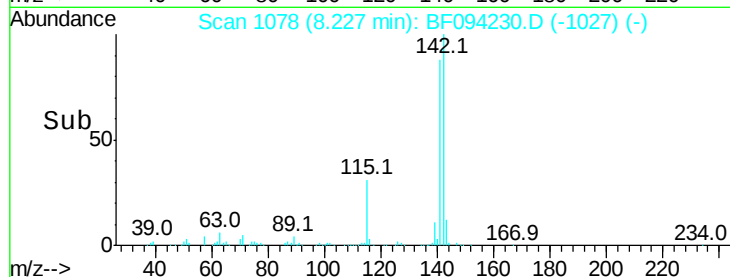
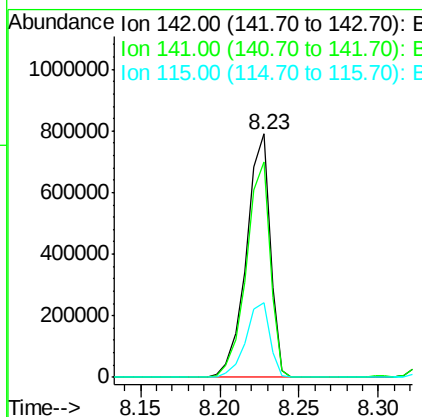
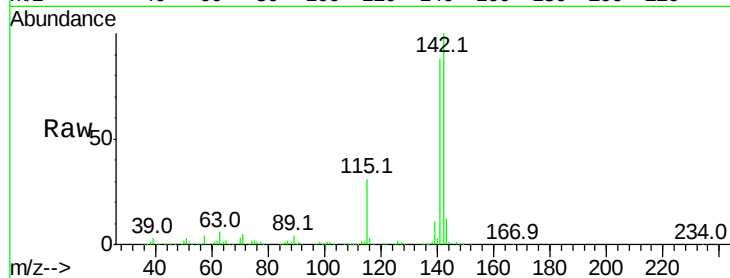
#37
2-Methylnaphthalene
Concen: 39.87 ng
RT: 8.23 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampled :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	30.6	27.1	40.7

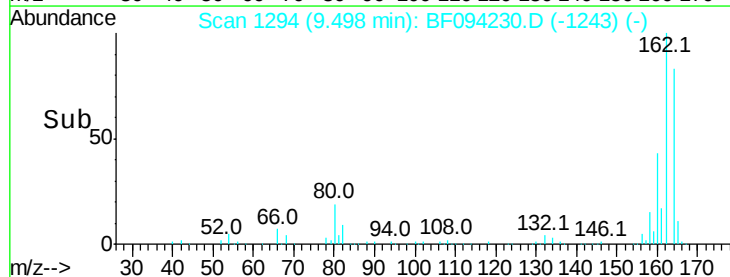
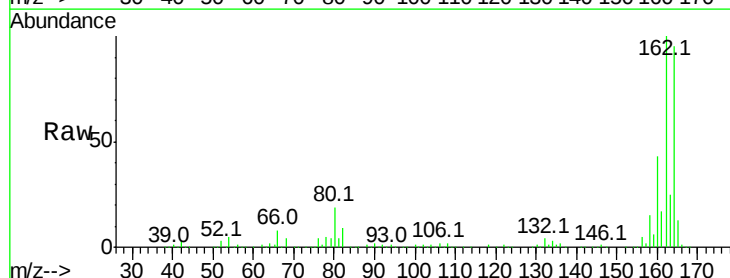
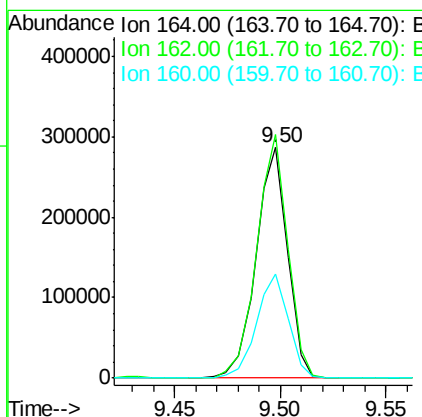
Manual Integrations
APPROVED

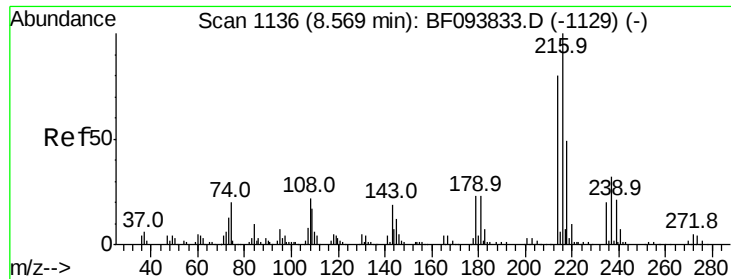
mohammad
4/7/2017 5:20:48 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	45.3	36.2	54.2





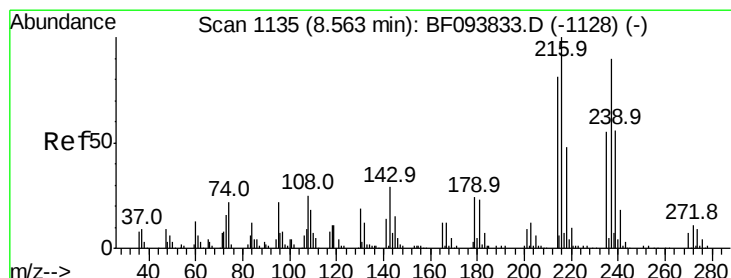
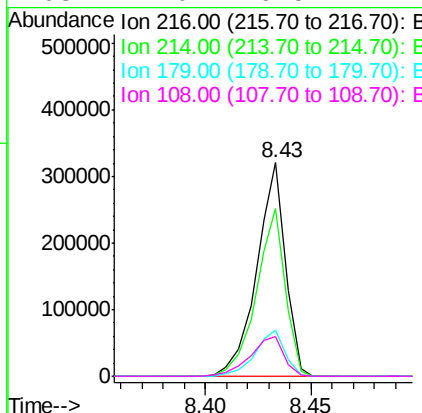
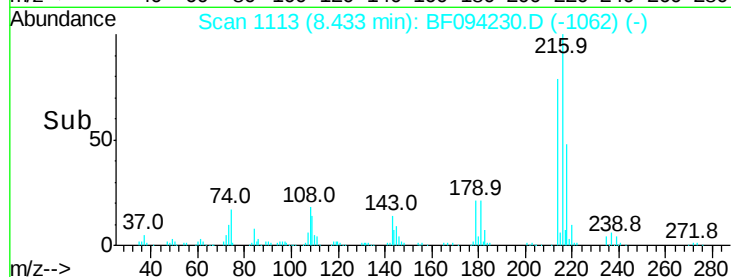
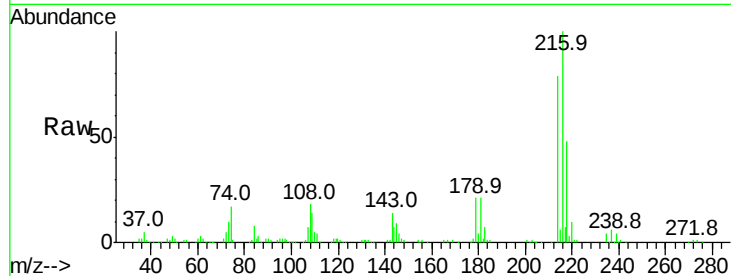
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.28 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	302309		
214	79.2		63.4	95.2
179	22.0		17.9	26.9
108	22.0		16.5	24.7

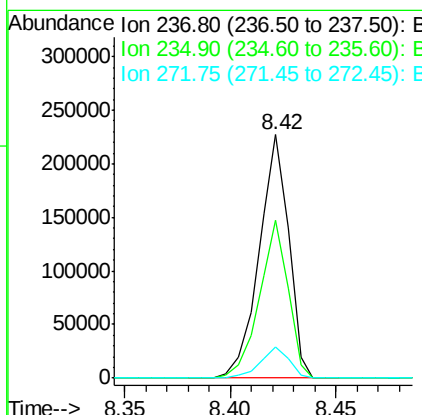
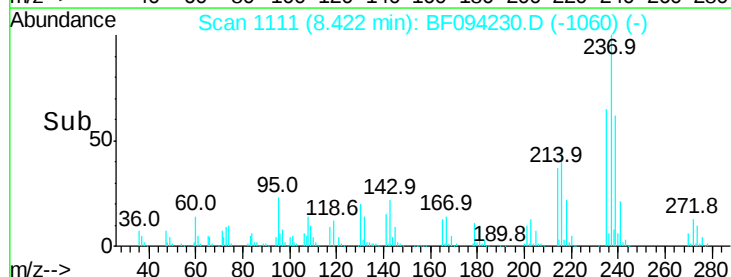
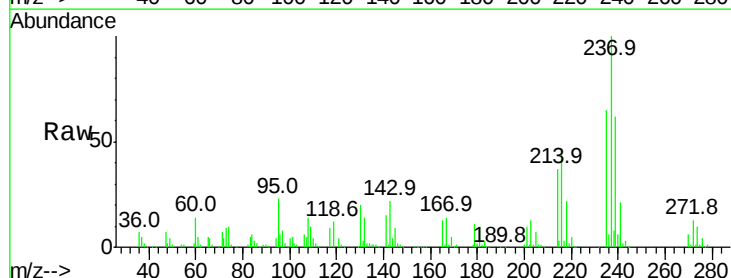
Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM



#40
 Hexachlorocyclopentadiene
 Concen: 58.16 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	220700		
235	64.6		42.6	82.6
272	12.6		0.0	31.9





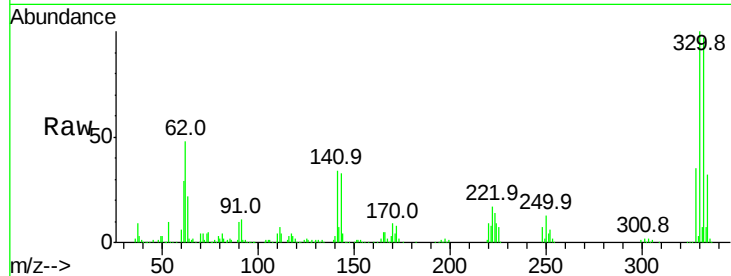
#41
 2,4,6-Tribromophenol
 Concen: 120.76 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

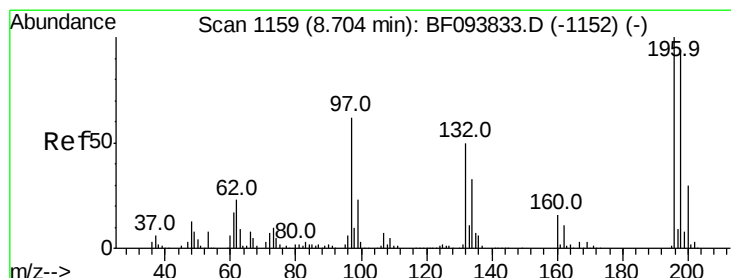
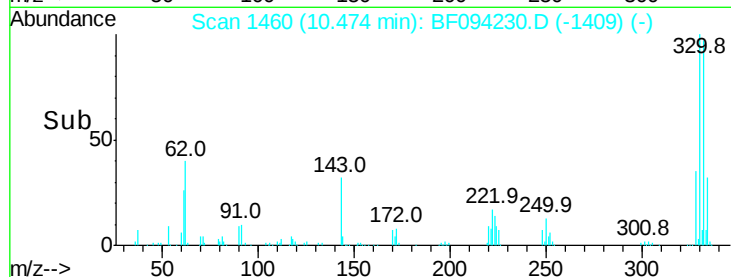
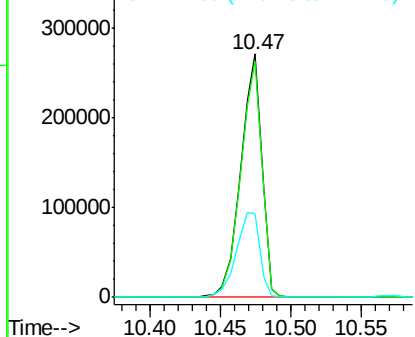
Tot Ion	Ratio	Resp	Lower	Upper
330	100	282899		
332	97.5	76.6	115.0	
141	39.3	31.4	47.2	

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM



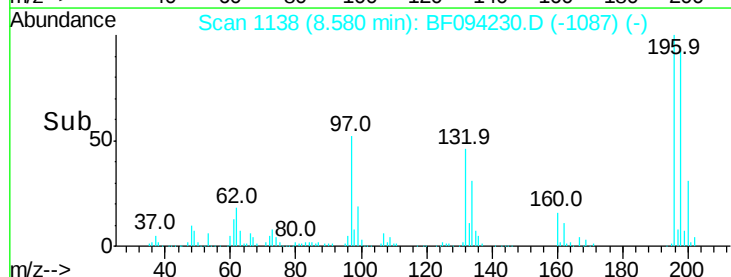
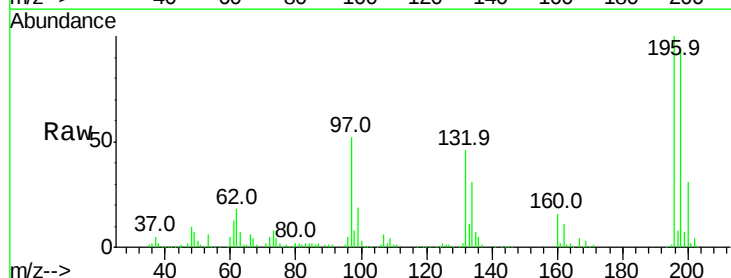
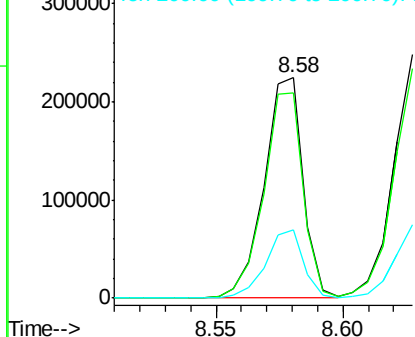
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.12 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241663		
198	93.5	74.2	111.4	
200	30.8	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





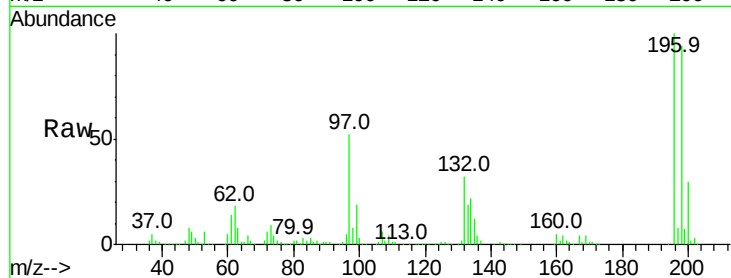
#43
 2,4,5-Trichlorophenol
 Concen: 40.49 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampled :
 B4-(0-5)MS

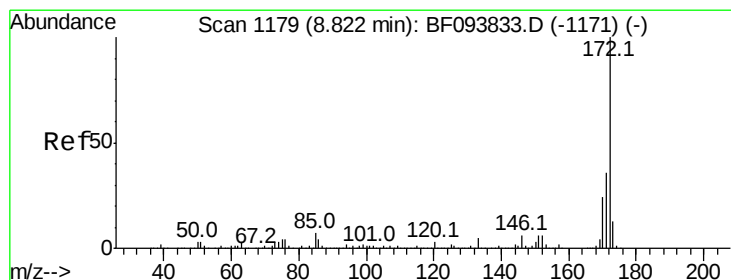
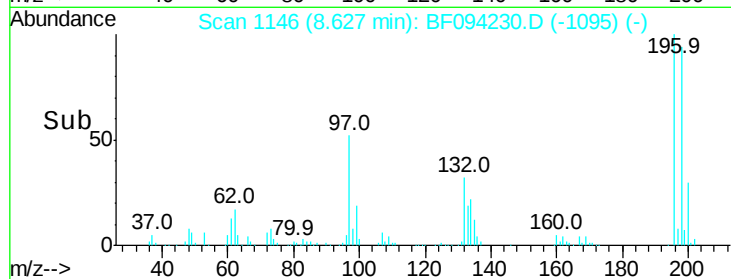
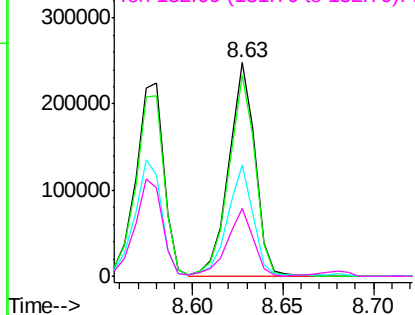
Tot Ion	196	Resp	251395
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.7	113.5
97	52.1	47.7	71.5
132	31.7	28.0	42.0

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM



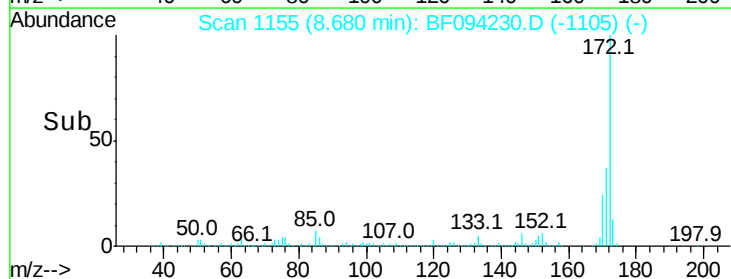
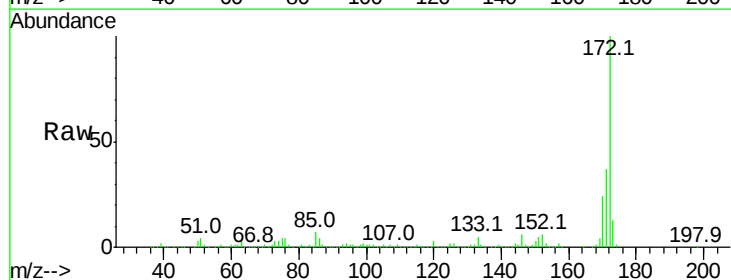
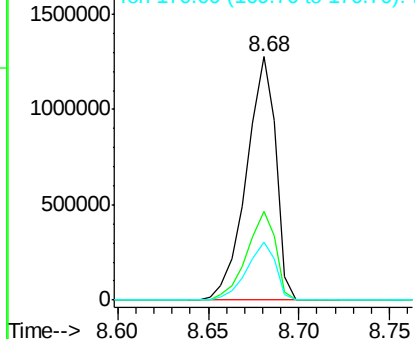
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

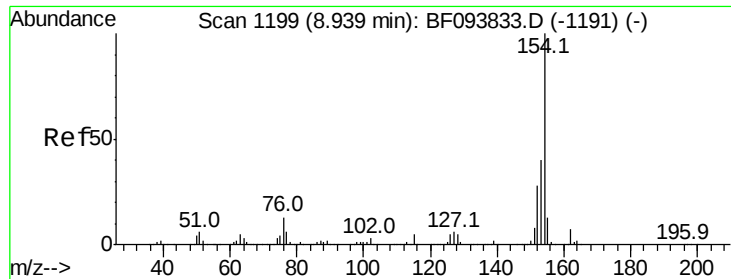


#44
 2-Fluorobiphenyl
 Concen: 74.08 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	172	Resp	1439858
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8

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





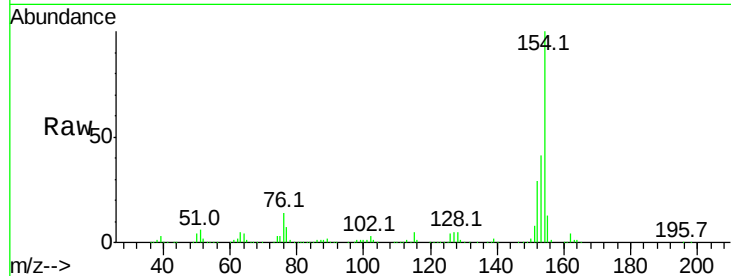
#45
 1,1'-Biphenyl
 Concen: 38.00 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

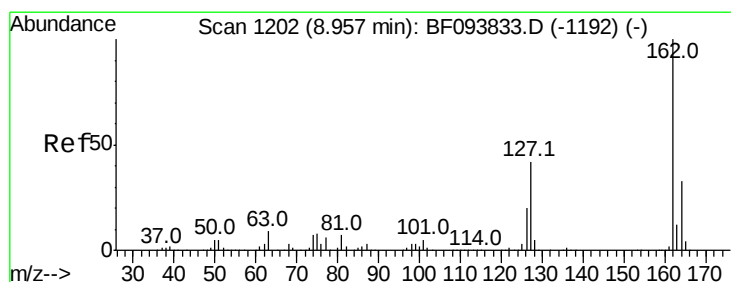
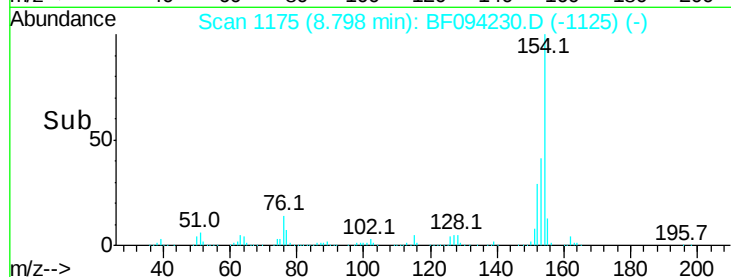
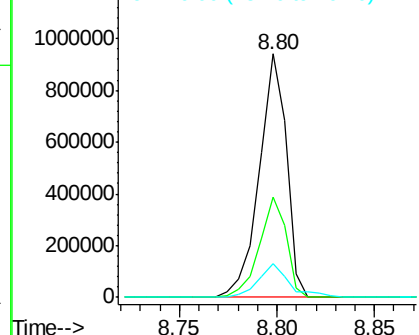
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.2	61.2
76	13.7	0.0	29.9

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM

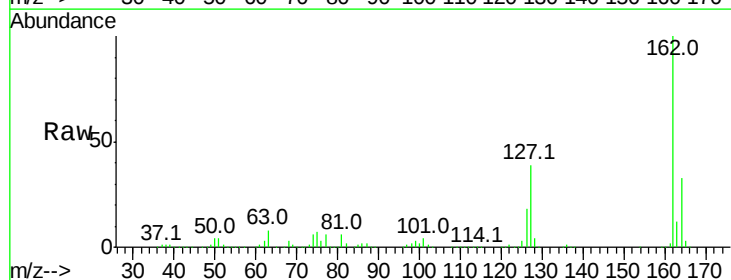


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

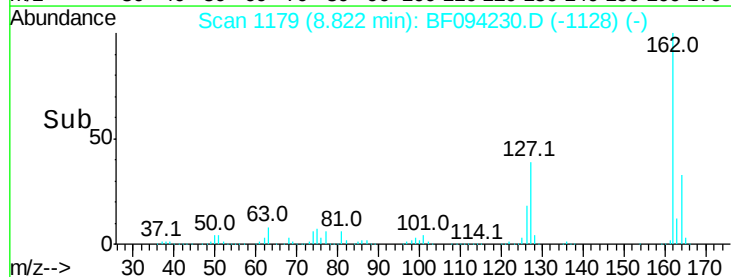
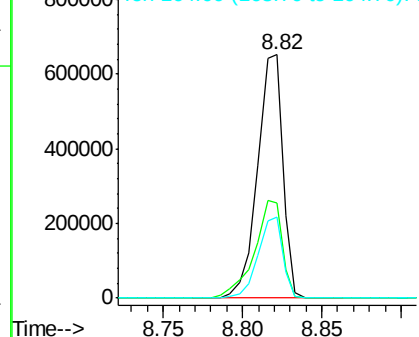


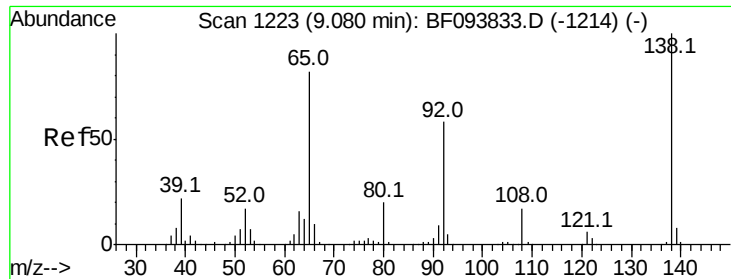
#46
 2-Chloronaphthalene
 Concen: 38.96 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	28.3	42.5
164	33.3	27.0	40.4



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





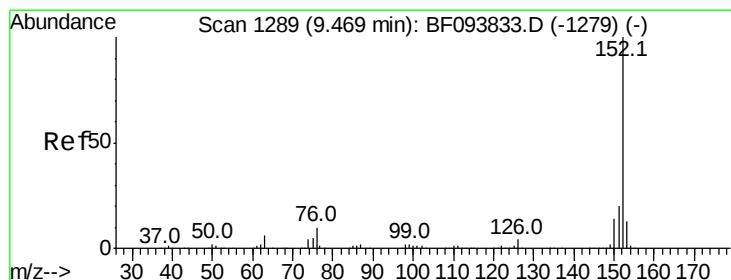
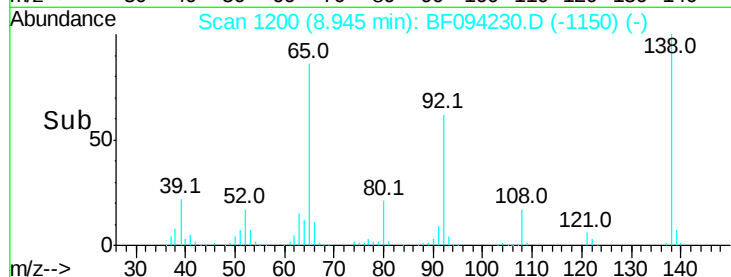
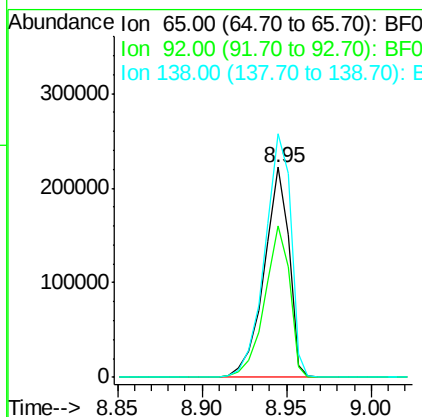
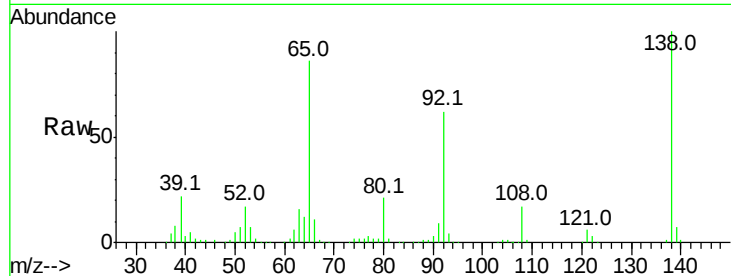
#47
2-Nitroaniline
Concen: 40.84 ng
RT: 8.95 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.9	80.9
138	115.8	78.8	118.2

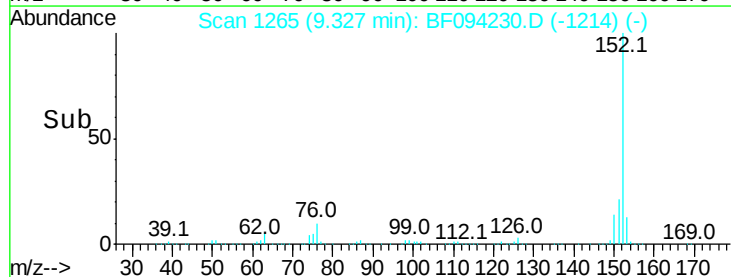
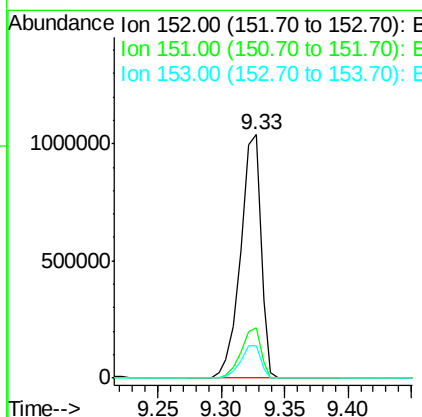
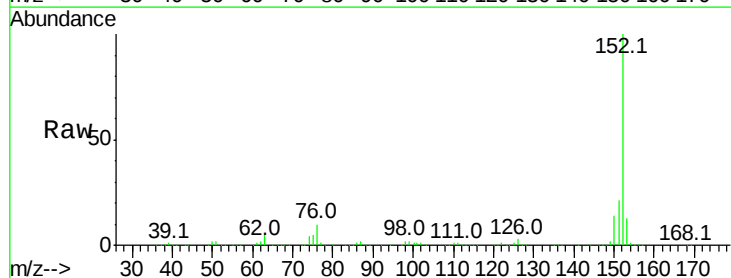
Manual Integrations
APPROVED

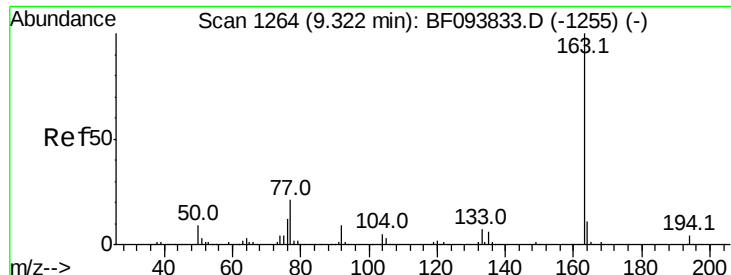
mohammad
4/7/2017 5:20:48 PM



#48
Acenaphthylene
Concen: 37.02 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.3	10.8	16.2





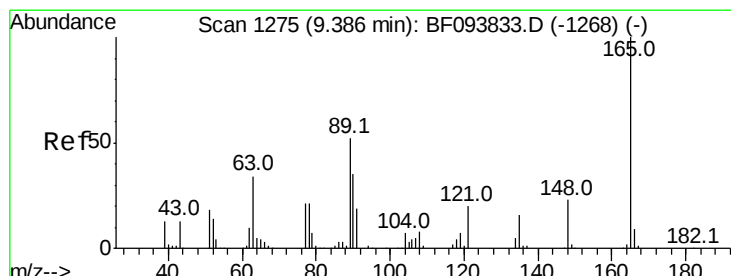
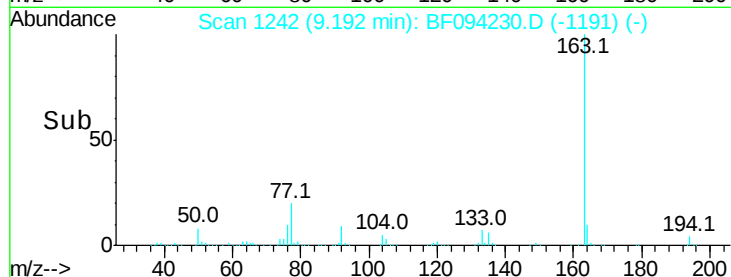
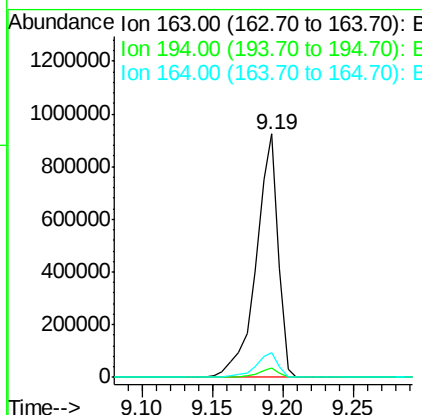
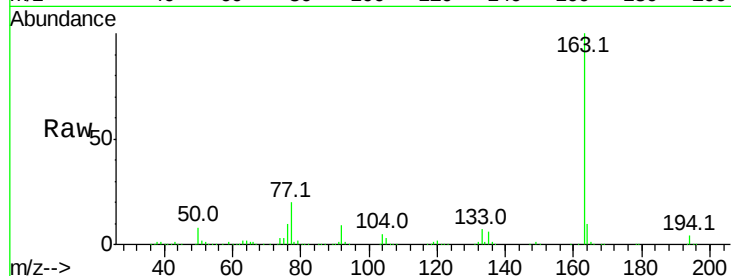
#49
 Dimethylphthalate
 Concen: 48.14 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion:	163	Resp:	1014522
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.3	8.4	12.6

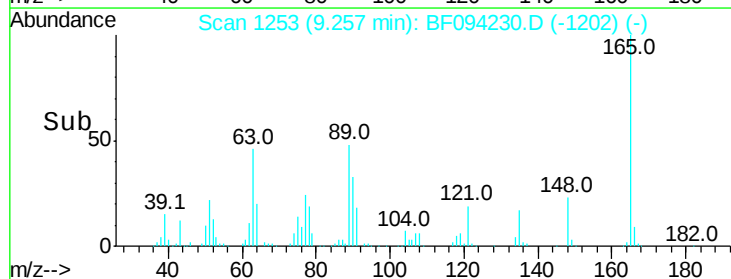
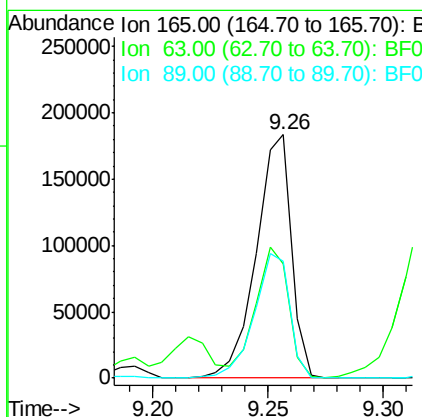
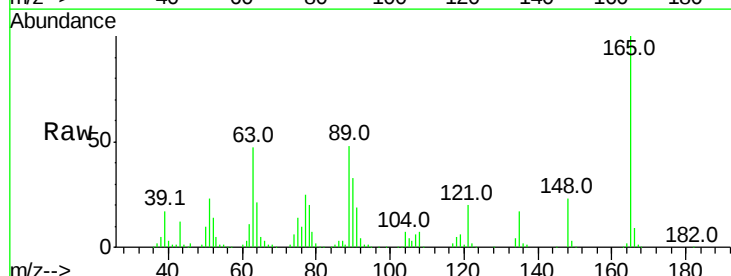
Manual Integrations
 APPROVED

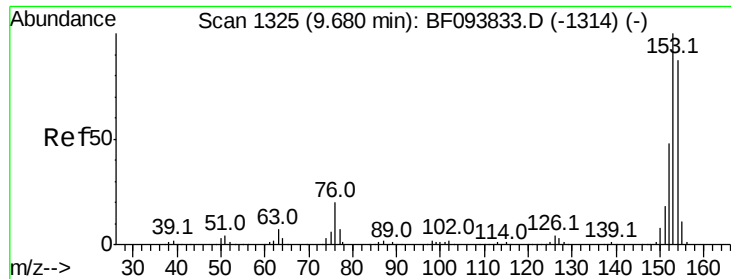
mohammad
 4/7/2017 5:20:48 PM



#50
 2,6-Dinitrotoluene
 Concen: 40.43 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion:	165	Resp:	195327
Ion	Ratio	Lower	Upper
165	100		
63	46.7	34.3	51.5
89	48.1	37.1	55.7





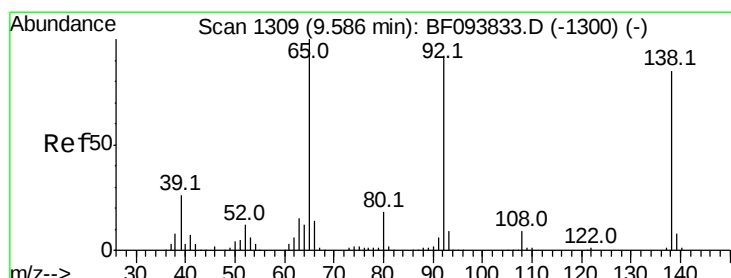
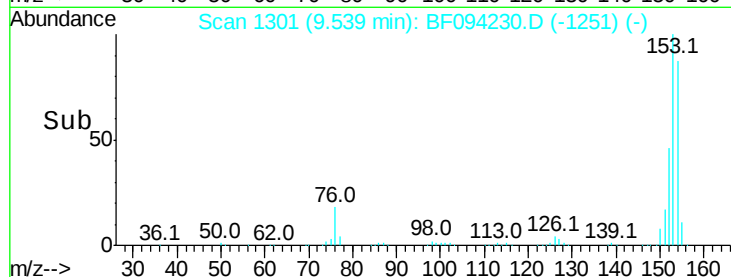
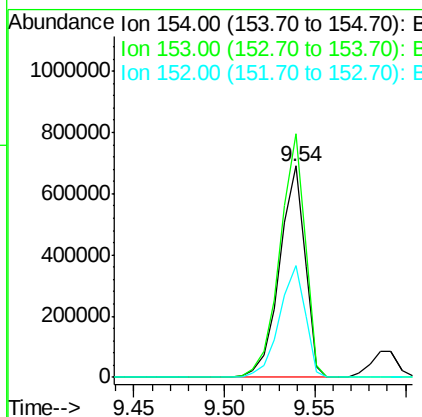
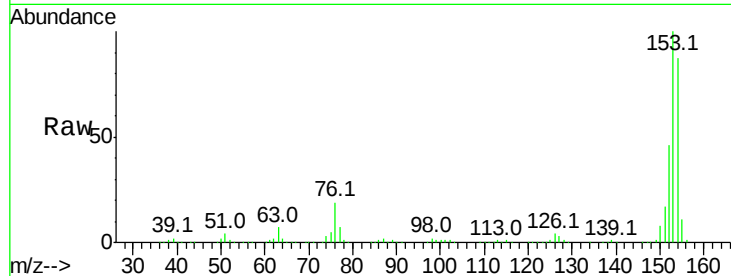
#51
Acenaphthene
Concen: 37.52 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.5	135.7
152	52.9	43.6	65.4

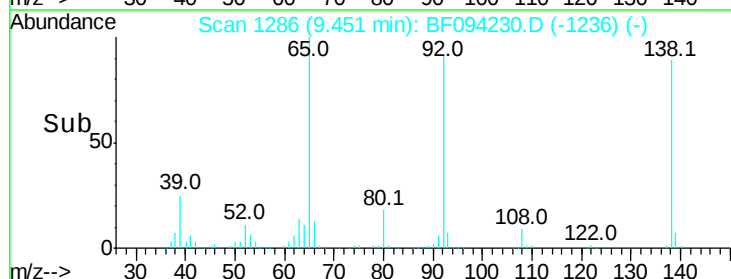
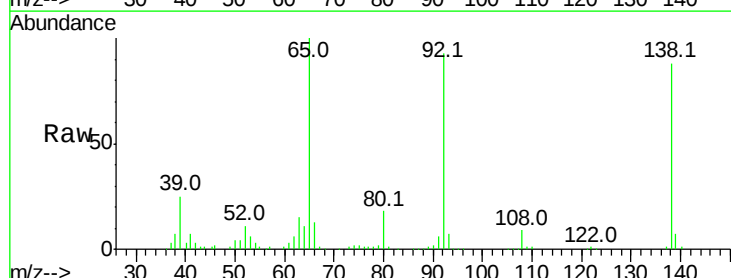
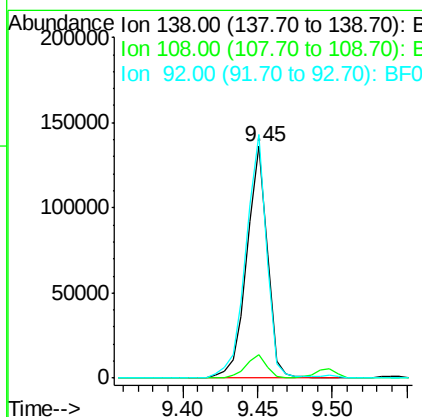
Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#52
3-Nitroaniline
Concen: 22.93 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	105.0	93.8	140.6





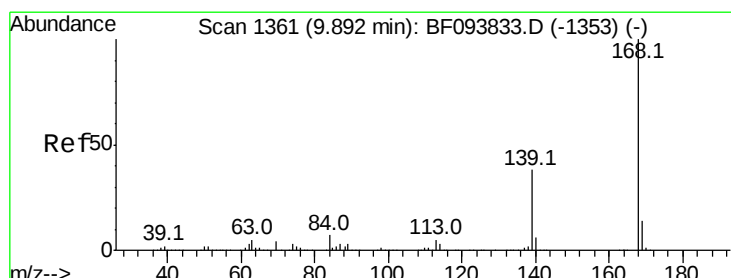
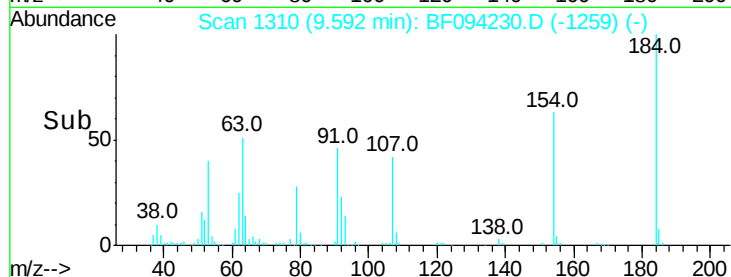
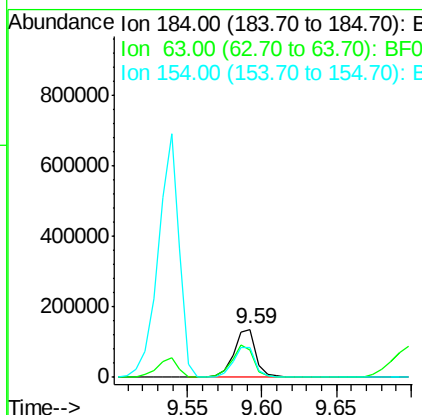
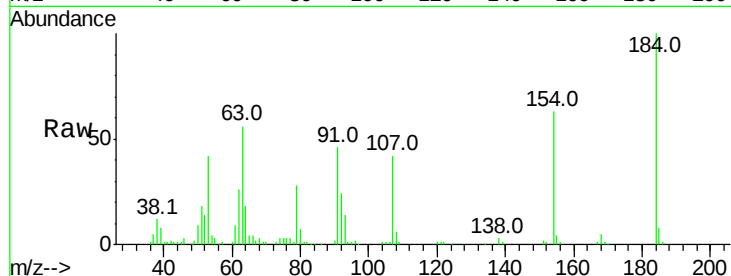
#53
 2,4-Dinitrophenol
 Concen: 57.28 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.5	62.7	94.1#
154	63.1	81.1	121.7#

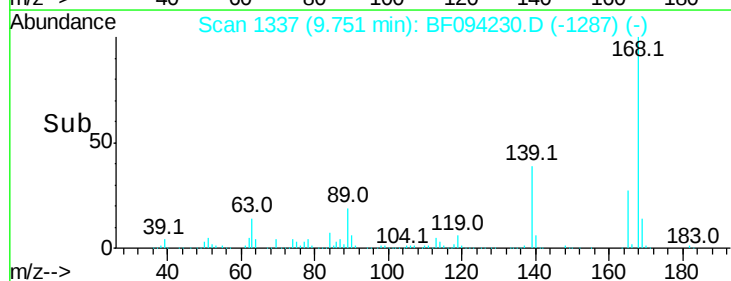
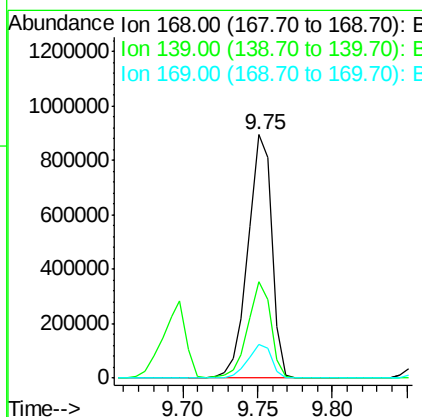
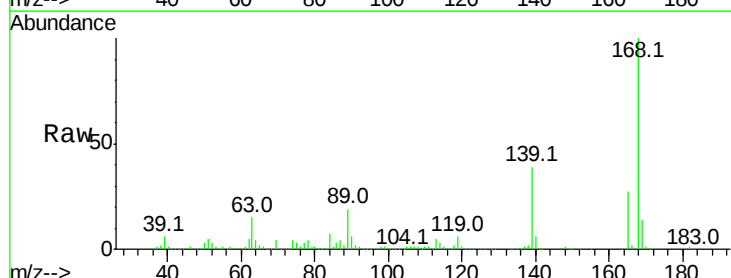
Manual Integrations
 APPROVED

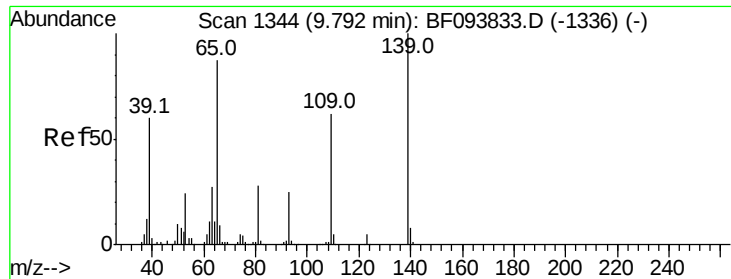
mohammad
 4/7/2017 5:20:48 PM



#54
 Dibenzofuran
 Concen: 39.78 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.6	45.8
169	13.6	10.8	16.2





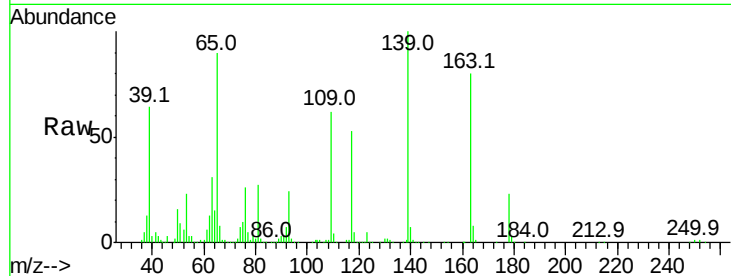
#55
4-Nitrophenol
Concen: 70.82 ng
RT: 9.70 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

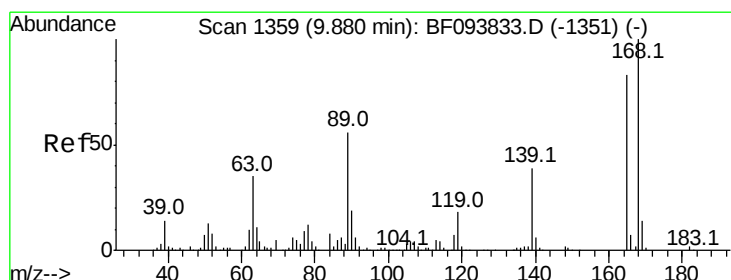
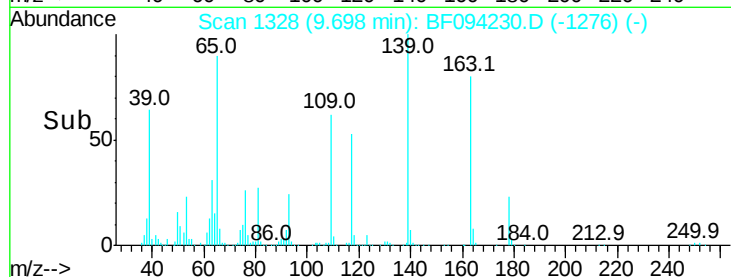
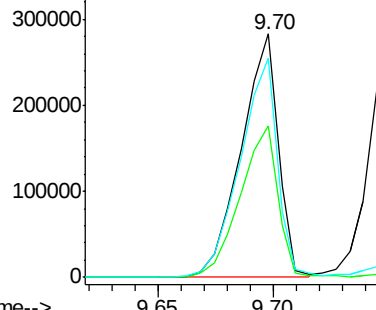
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.4	34.1	74.1	
65	90.3	31.4	71.4	

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



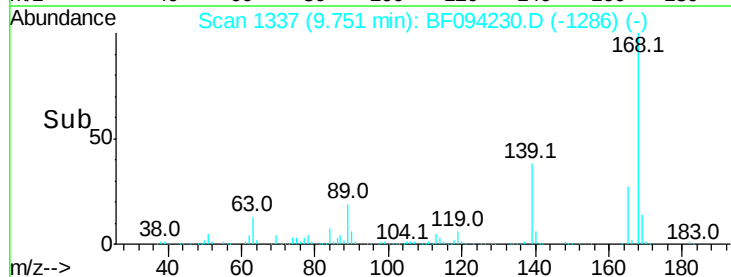
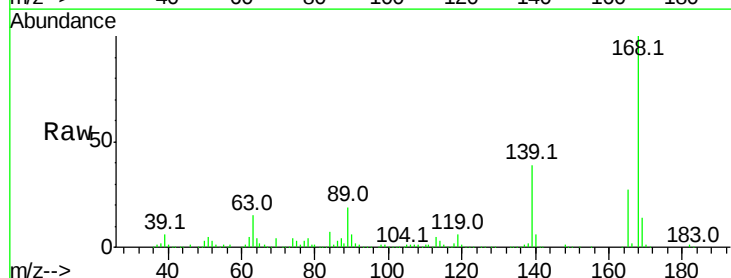
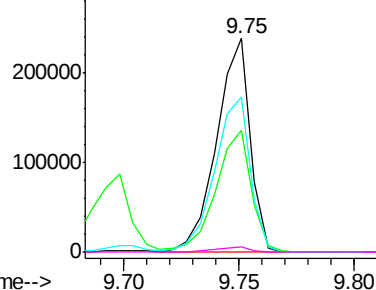
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

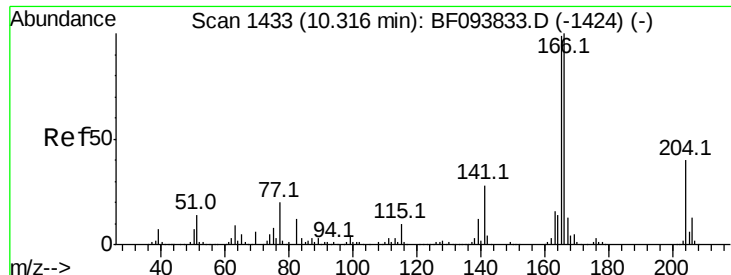


#56
2,4-Dinitrotoluene
Concen: 39.73 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.8	25.4	38.0	
89	72.7	46.4	69.6	
182	2.3	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.80 ng

RT: 10.17 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

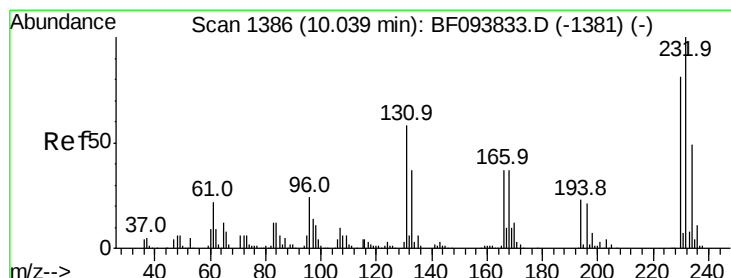
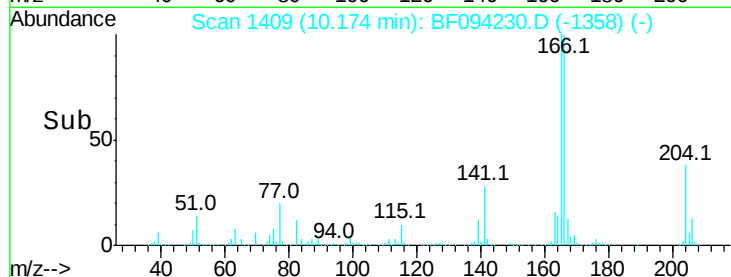
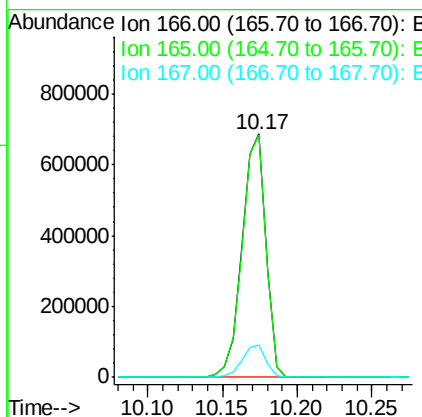
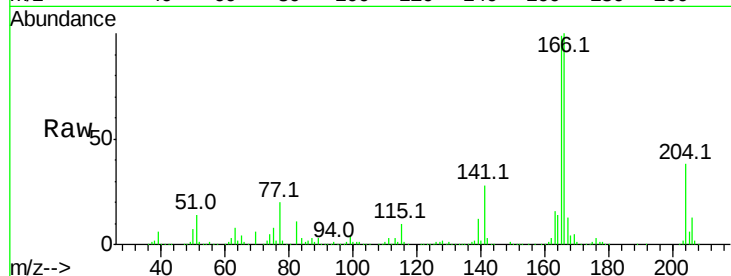
ClientSampleId :

B4-(0-5)MS

Tot Ion:	166	Resp:	754071
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.8	118.2
167	13.3	10.6	16.0

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.56 ng

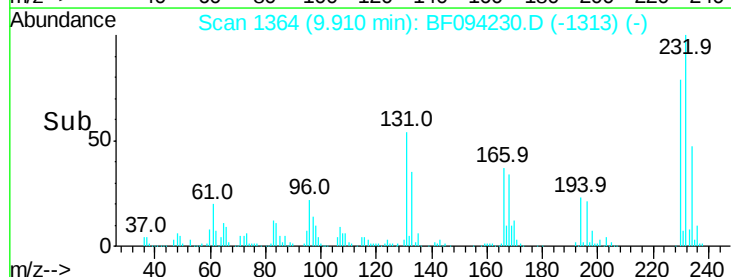
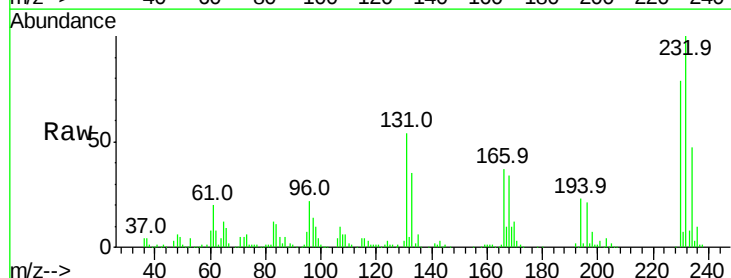
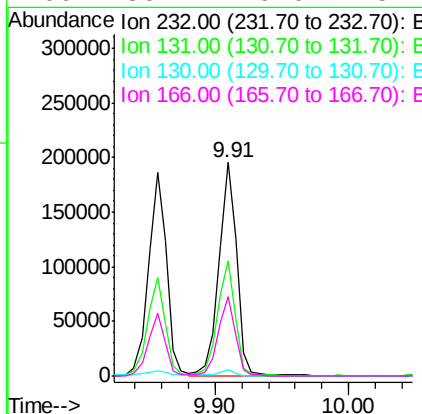
RT: 9.91 min Scan# 1364

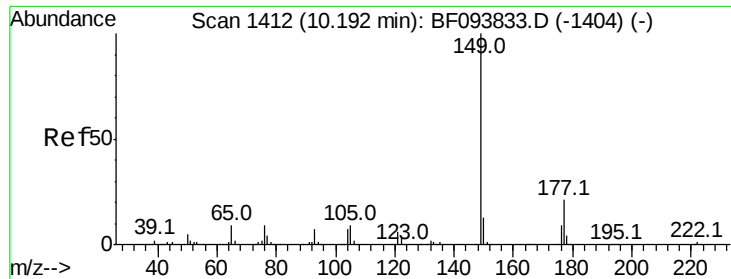
Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Tgt Ion:	232	Resp:	185566
Ion Ratio	Lower	Upper	
232	100		
131	53.8	44.8	67.2
130	2.9	2.3	3.5
166	36.2	29.0	43.4





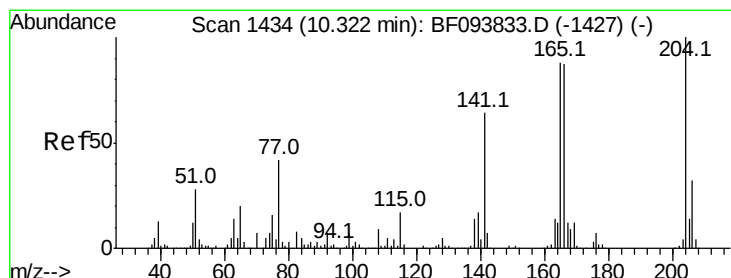
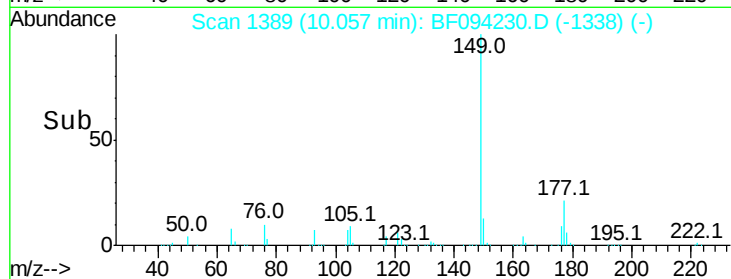
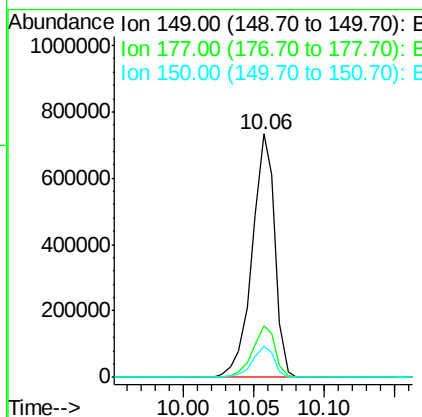
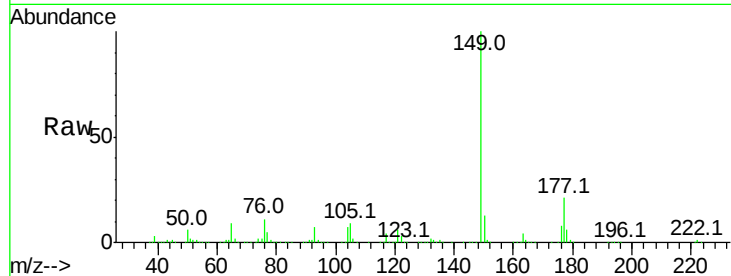
#59
Diethylphthalate
Concen: 39.82 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampled :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.7	10.2	15.2

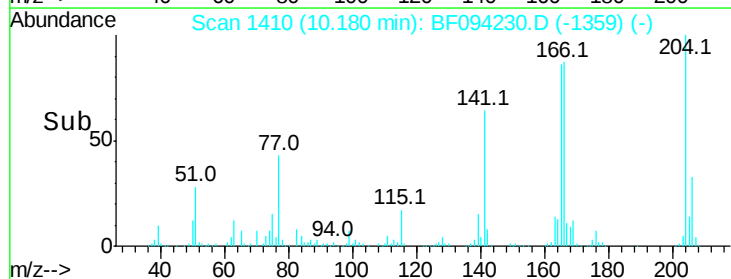
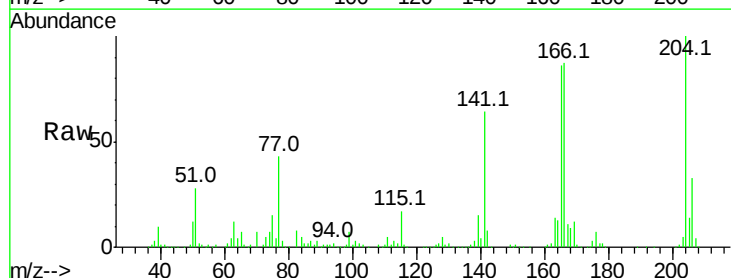
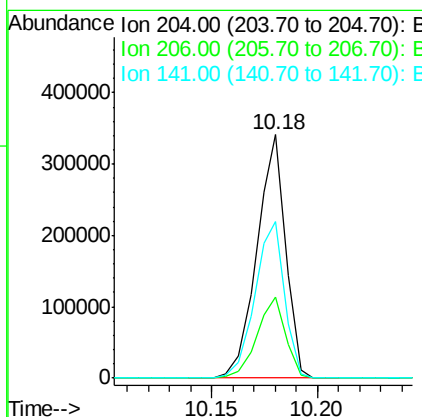
Manual Integrations
APPROVED

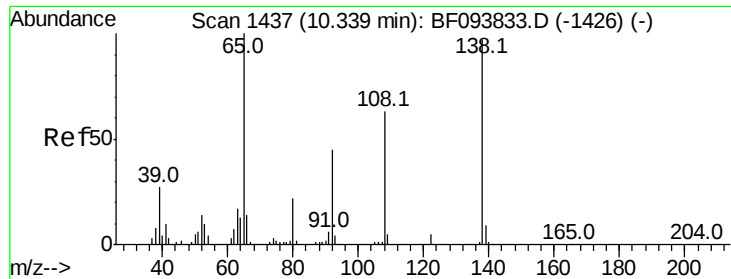
mohammad
4/7/2017 5:20:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.04 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	64.1	60.8	91.2





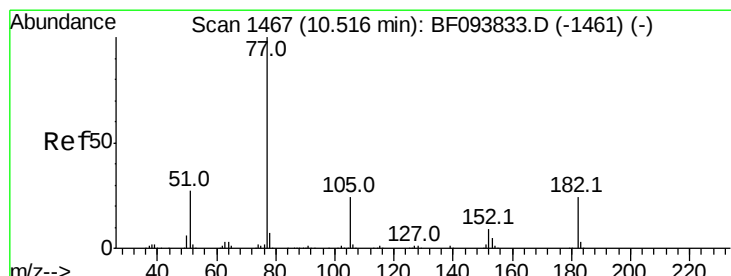
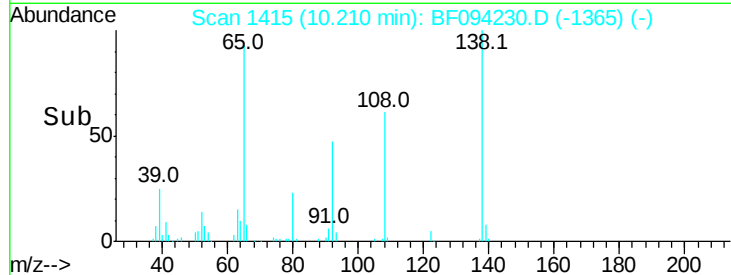
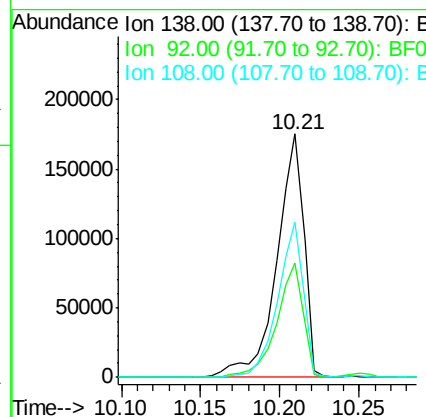
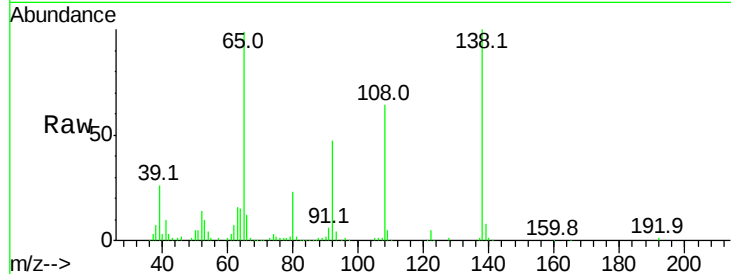
#61
4-Nitroaniline
Concen: 38.37 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion:	138	Resp:	208865
Ion Ratio	Lower	Upper	
138	100		
92	46.7	21.8	61.8
108	63.7	42.3	82.3

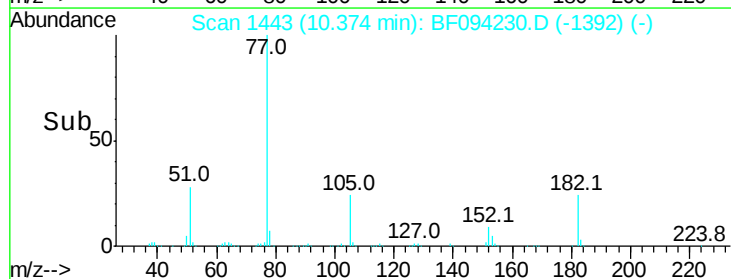
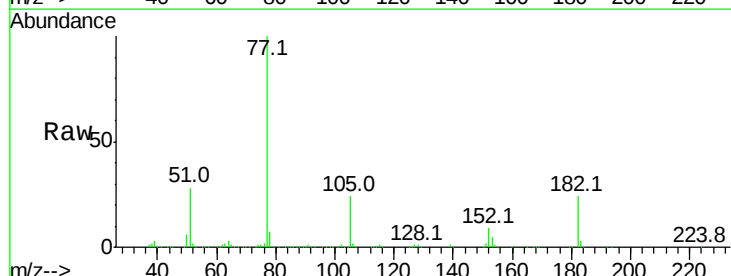
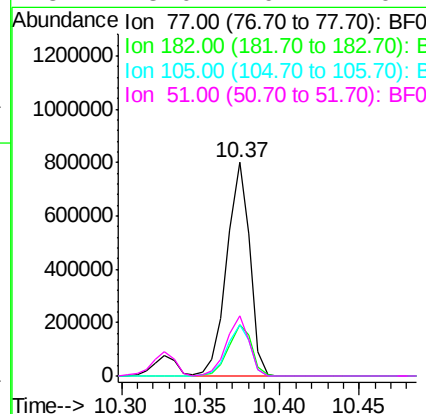
Manual Integrations
APPROVED

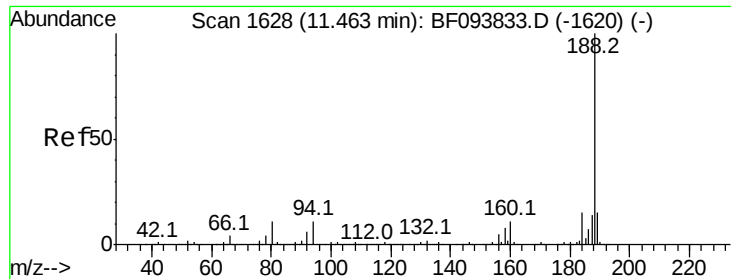
mohammad
4/7/2017 5:20:48 PM



#62
Azobenzene
Concen: 40.63 ng
RT: 10.37 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion:	77	Resp:	800439
Ion Ratio	Lower	Upper	
77	100		
182	23.8	0.1	40.1
105	23.8	3.6	43.6
51	28.0	9.4	49.4





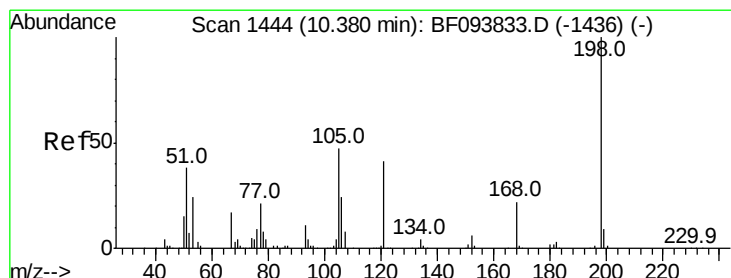
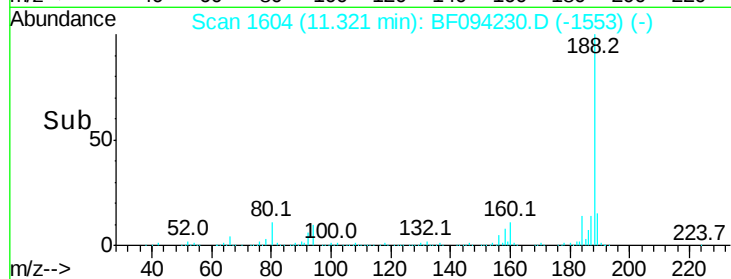
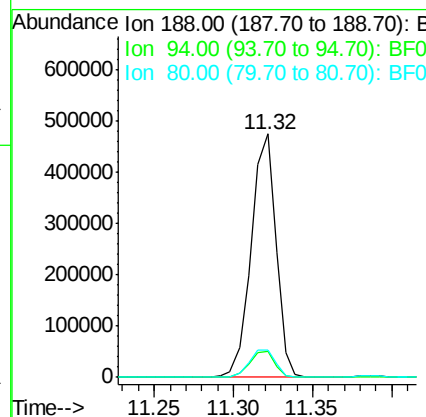
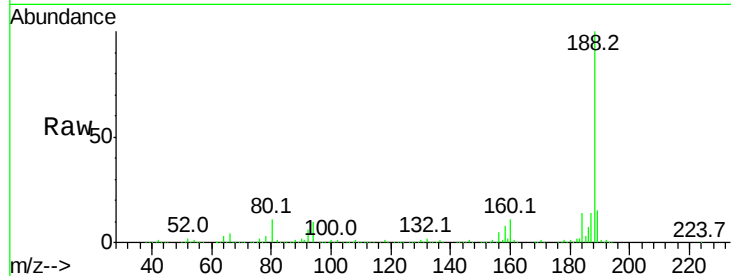
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	514658		
94	10.5		9.4	14.2
80	11.4		10.2	15.2

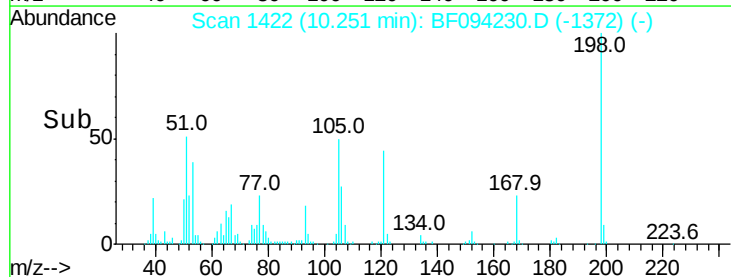
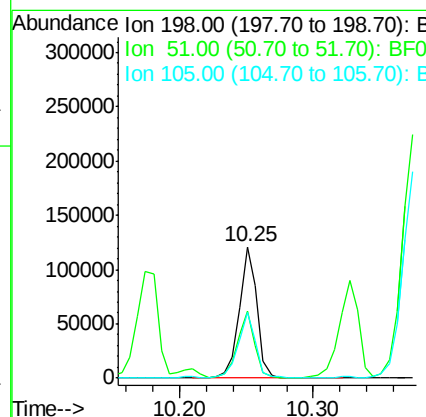
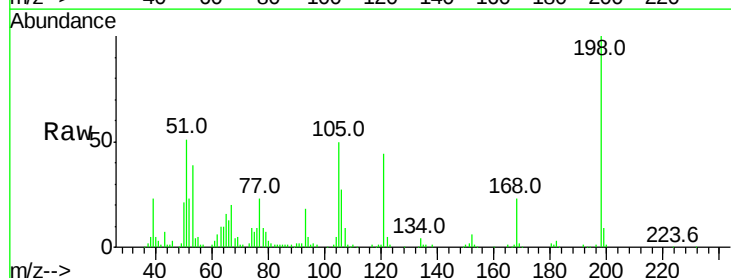
Manual Integrations
APPROVED

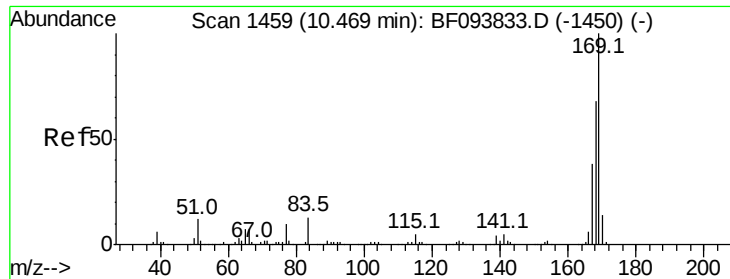
mohammad
4/7/2017 5:20:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.13 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113876		
51	51.0		53.2	93.2#
105	49.7		45.8	85.8





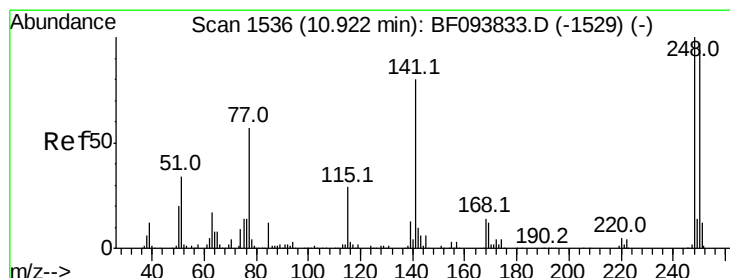
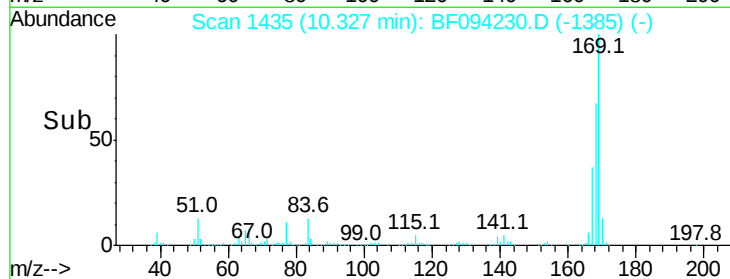
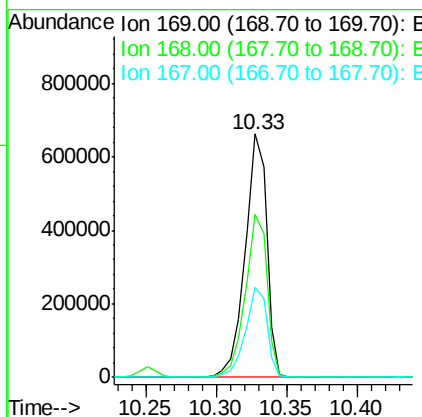
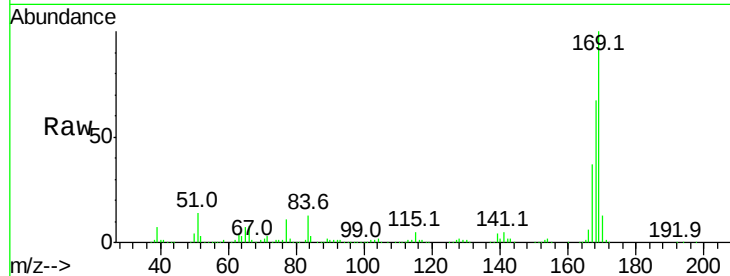
#65
 n-Nitrosodiphenylamine
 Concen: 40.05 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.1	53.2	79.8	
167	37.1	29.5	44.3	

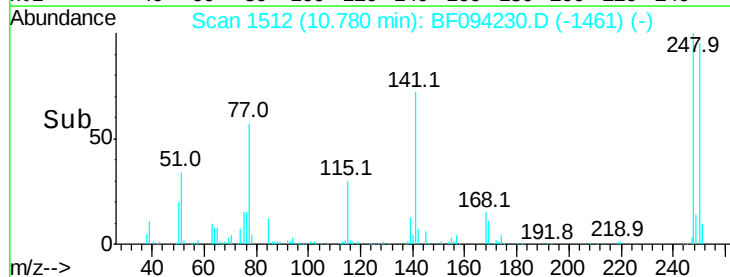
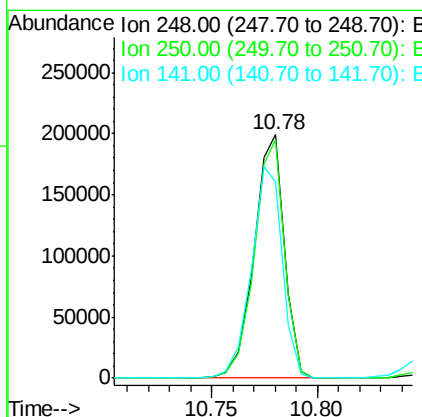
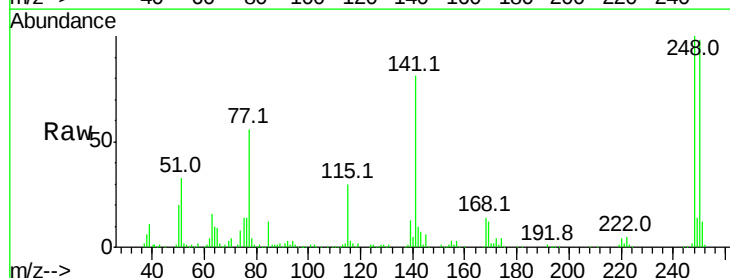
Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.27 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.8	76.8	115.2	
141	80.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 39.08 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

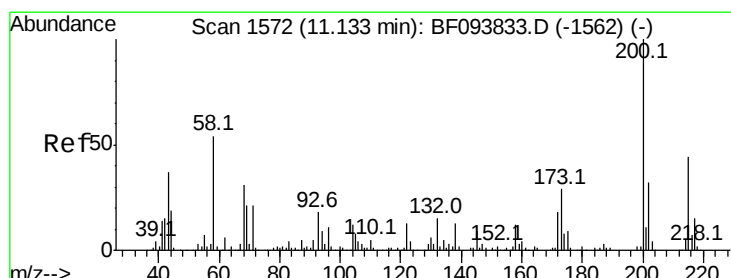
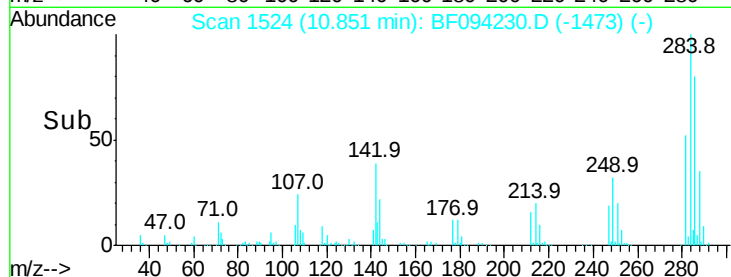
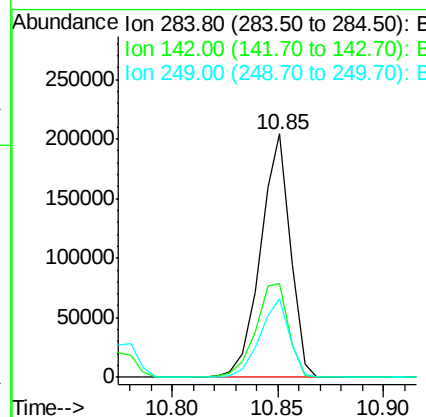
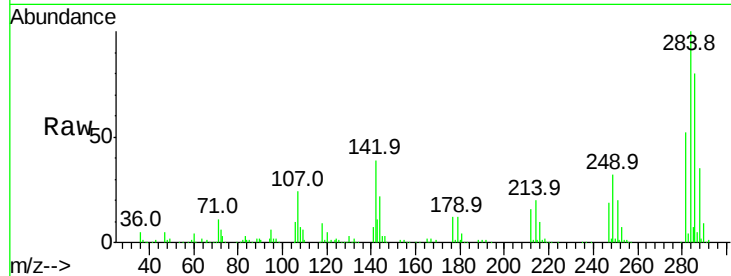
ClientSampled :

B4-(0-5)MS

Tot Ion:	284	Resp:	200267
Ion Ratio	Lower	Upper	
284	100		
142	38.7	22.8	34.2#
249	32.0	24.0	36.0

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#68

Atrazine

Concen: 39.26 ng

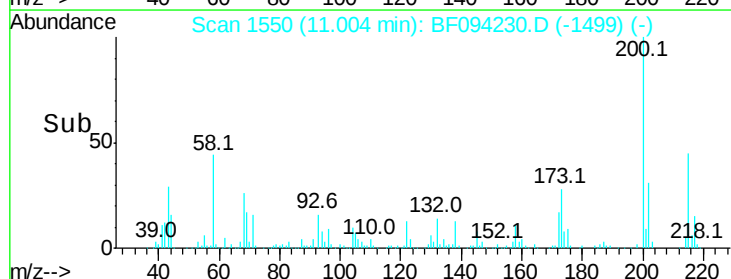
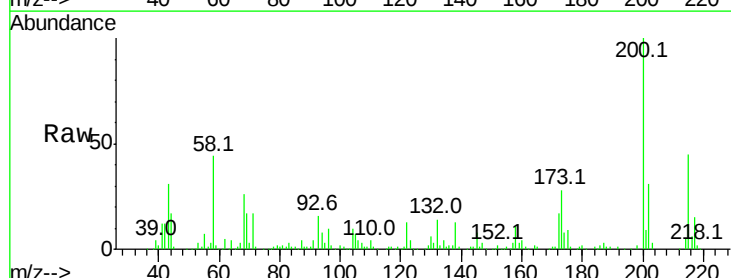
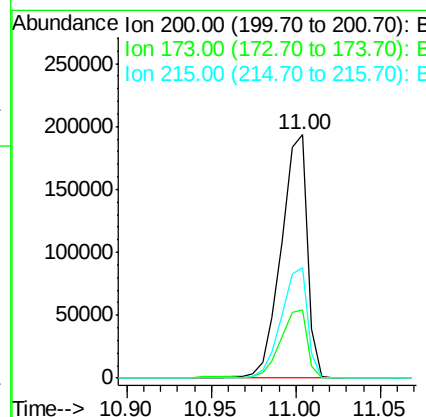
RT: 11.00 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Tgt Ion:	200	Resp:	209288
Ion Ratio	Lower	Upper	
200	100		
173	28.1	6.3	46.3
215	45.2	27.2	67.2





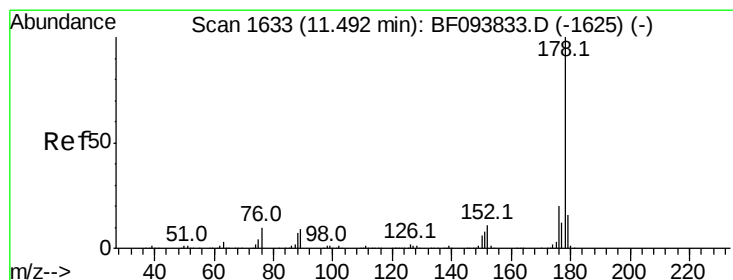
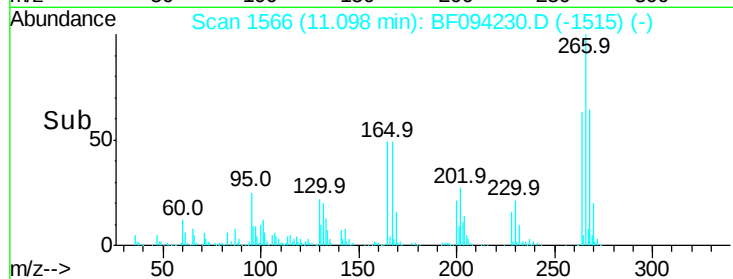
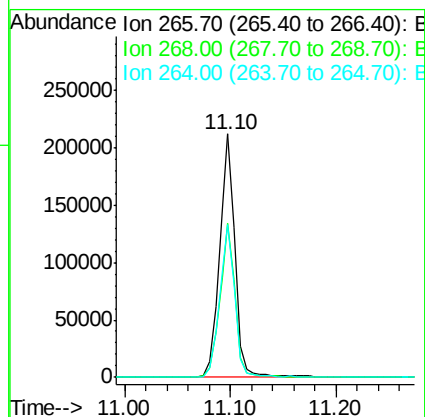
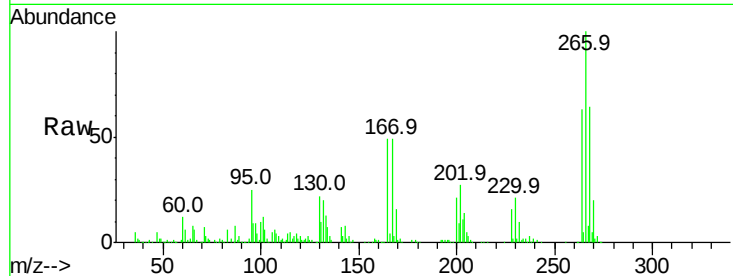
#69
 Pentachlorophenol
 Concen: 68.90 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	219738		
268	63.5	51.1	76.7	
264	62.6	51.7	77.5	

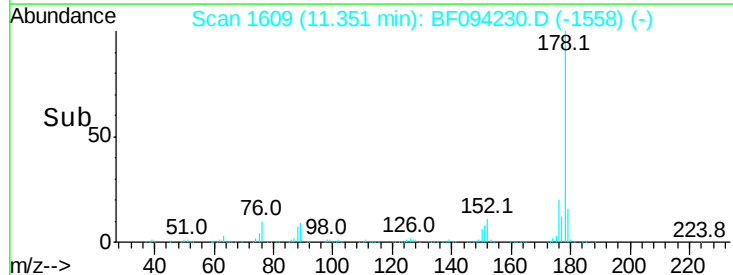
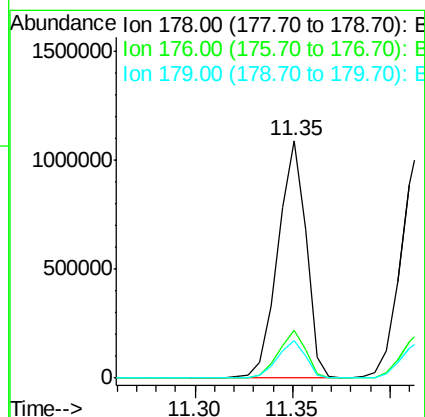
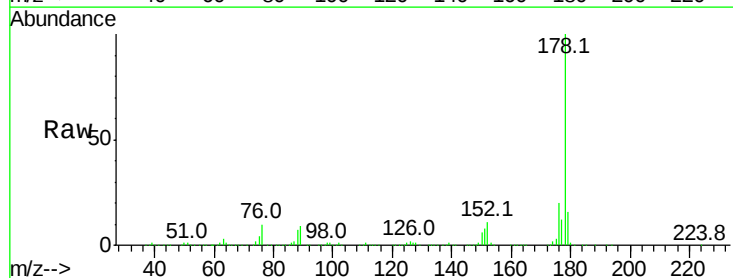
Manual Integrations
 APPROVED

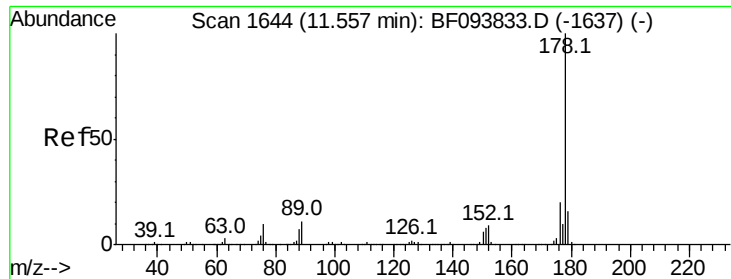
mohammad
 4/7/2017 5:20:48 PM



#70
 Phenanthrene
 Concen: 38.00 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1088046		
176	20.0	16.2	24.4	
179	15.7	12.6	19.0	





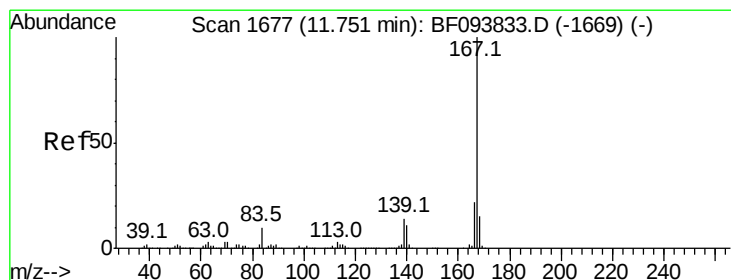
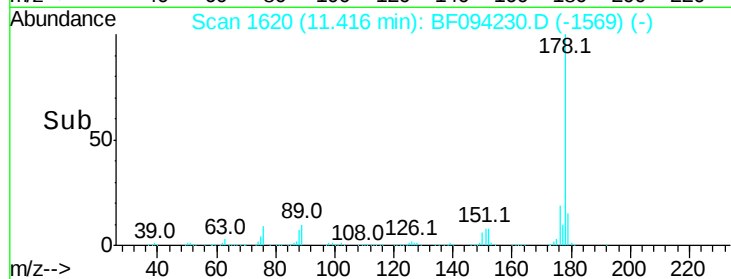
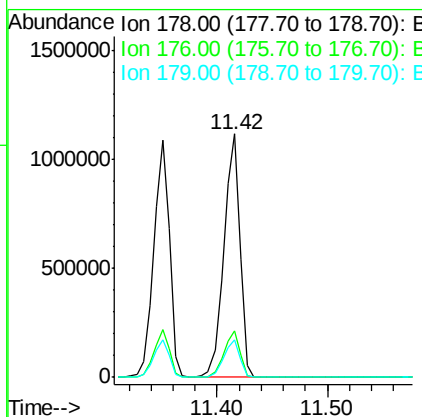
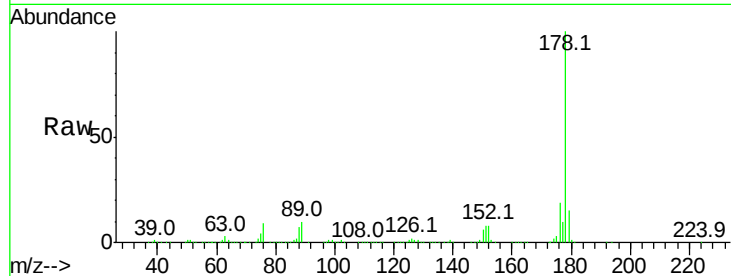
#71
 Anthracene
 Concen: 38.49 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion:178 Resp: 1134647
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.3 12.7 19.1

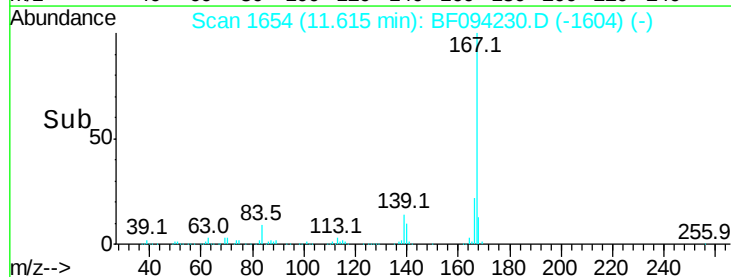
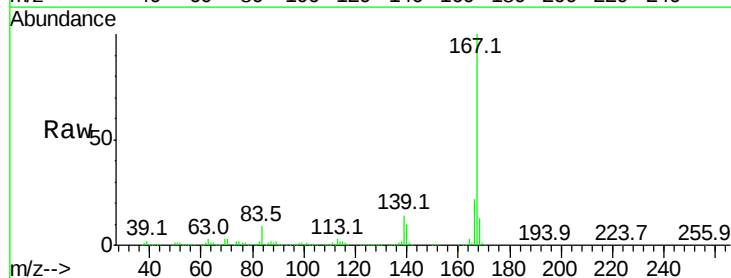
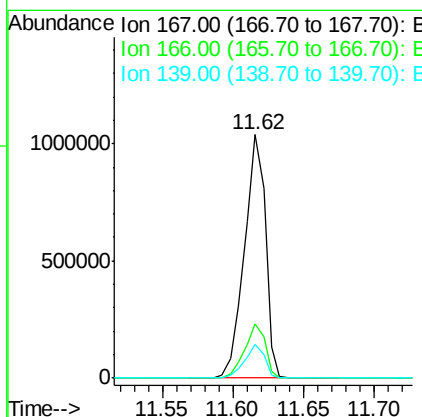
Manual Integrations
 APPROVED

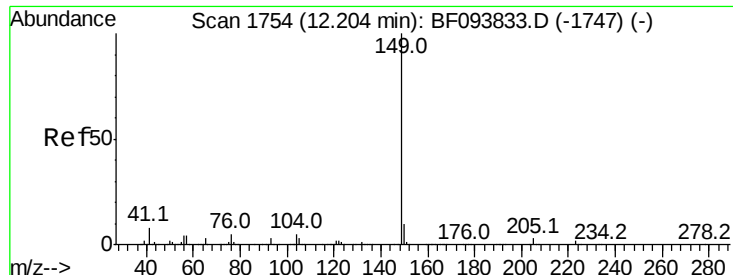
mohammad
 4/7/2017 5:20:48 PM



#72
 Carbazole
 Concen: 35.84 ng
 RT: 11.62 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion:167 Resp: 1083493
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.9 11.7 17.5





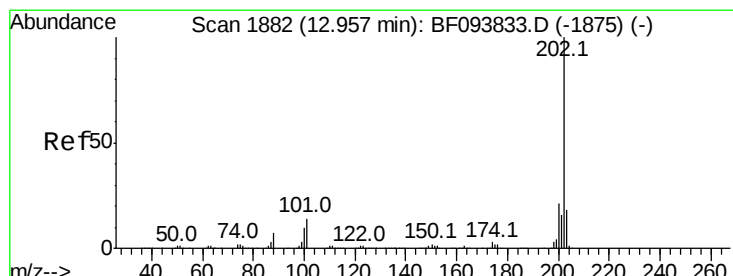
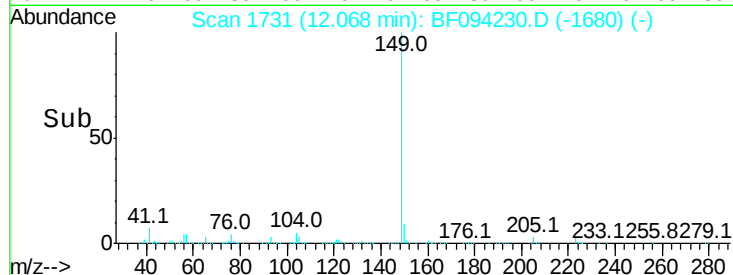
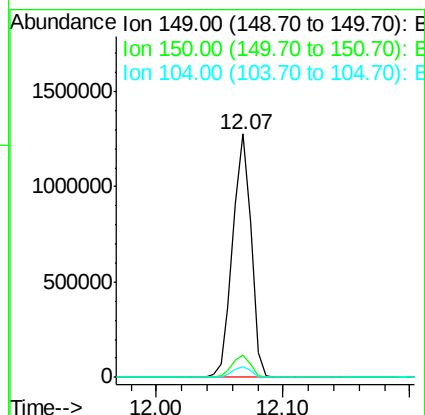
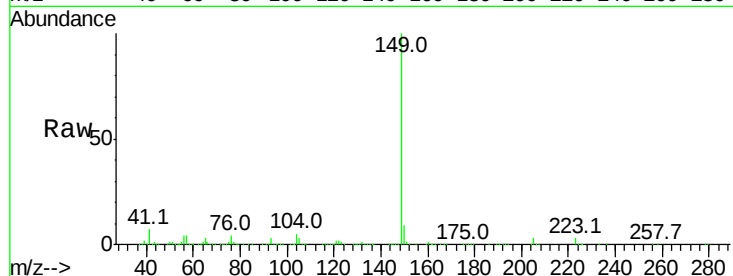
#73
Di-n-butylphthalate
Concen: 40.45 ng
RT: 12.07 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

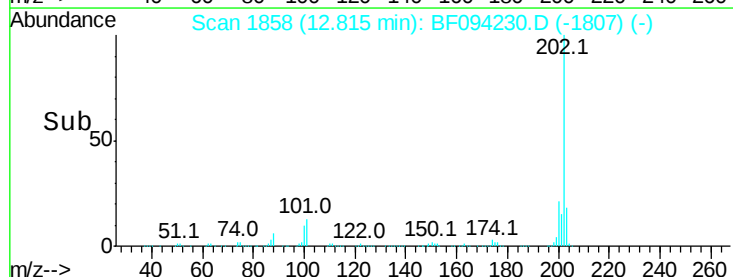
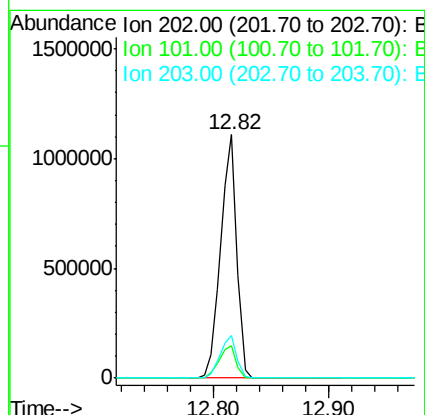
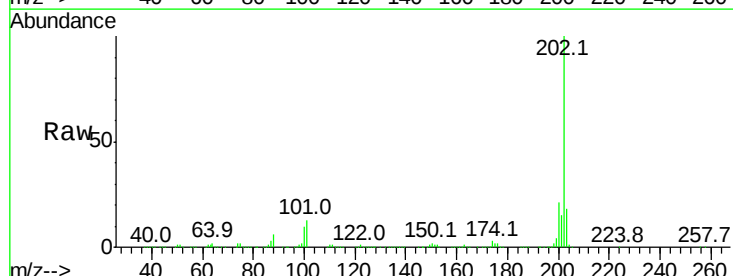
Manual Integrations
APPROVED

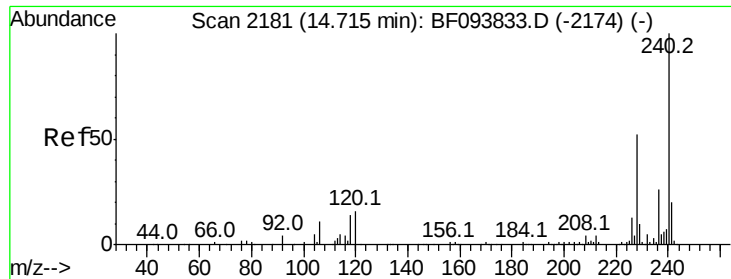
mohammad
4/7/2017 5:20:48 PM



#74
Fluoranthene
Concen: 36.47 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

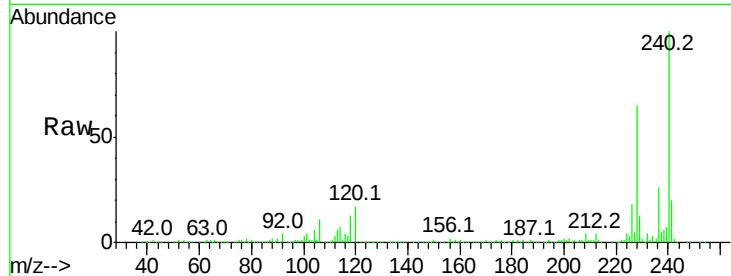
ClientSampleId :

B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	25.9	20.5	30.7

Manual Integrations
APPROVED

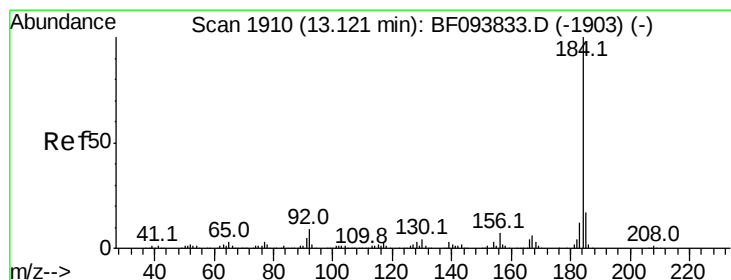
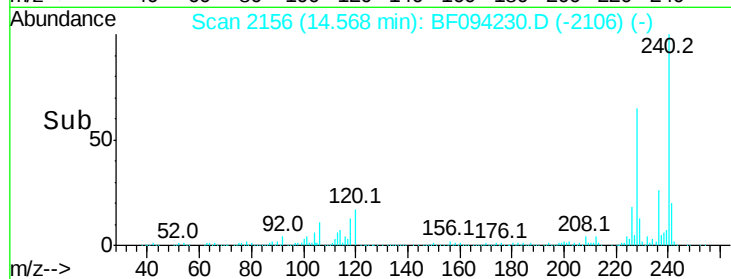
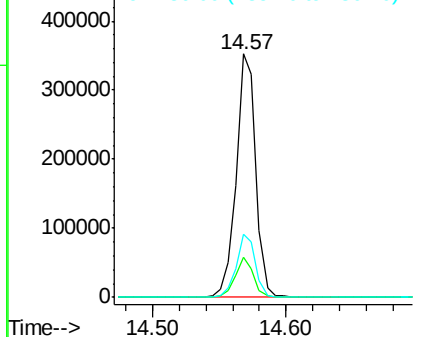
mohammad
4/7/2017 5:20:48 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.87 ng

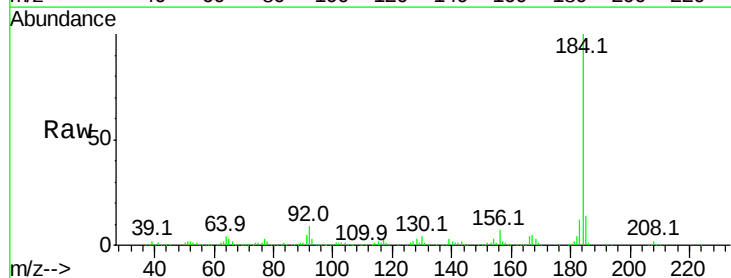
RT: 12.98 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

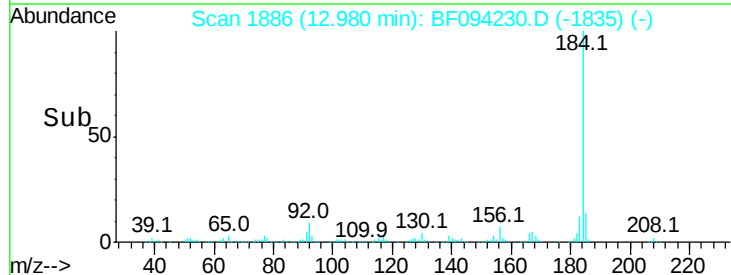
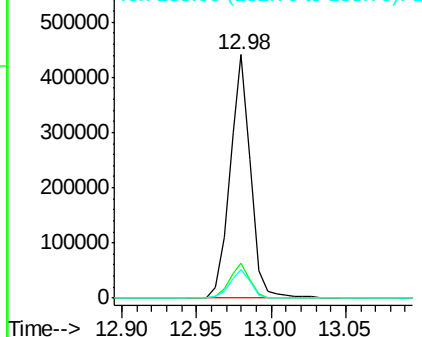
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.0	9.8	14.6

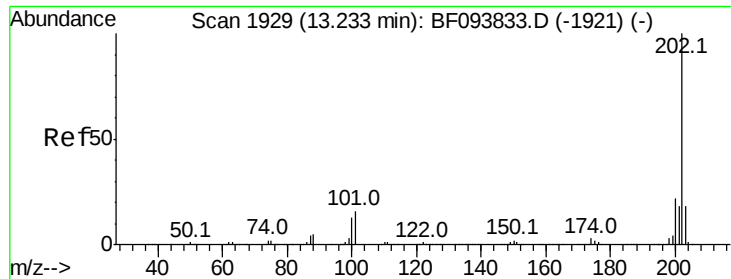


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





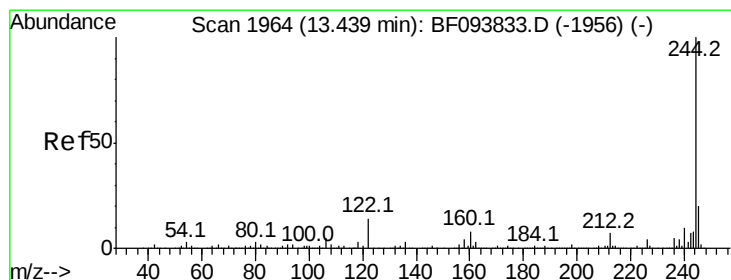
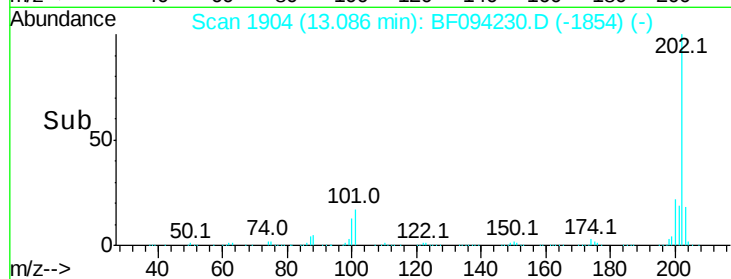
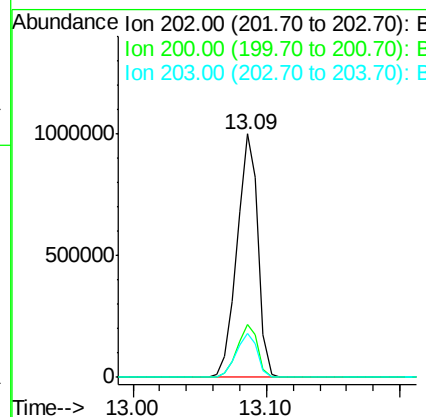
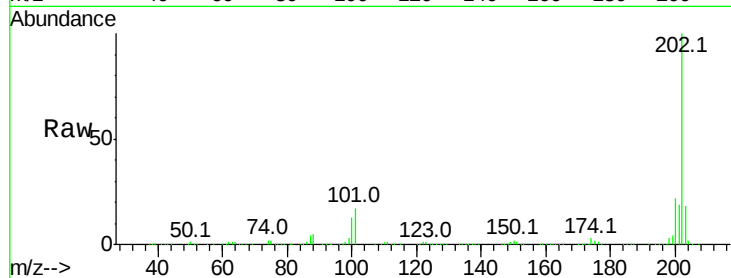
#77
Pvrene
Concen: 41.96 ng
RT: 13.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.0	14.4	21.6

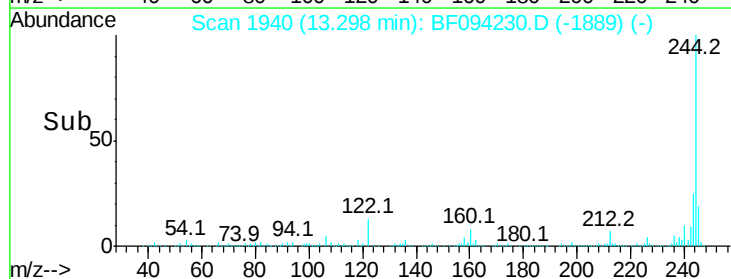
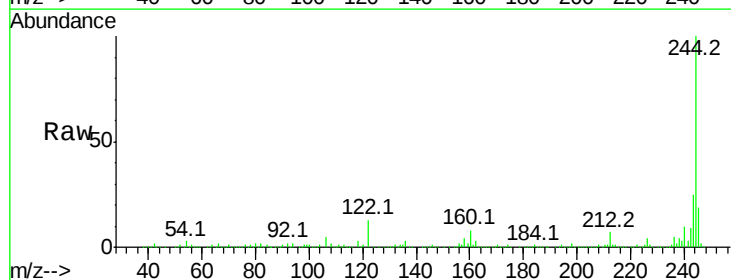
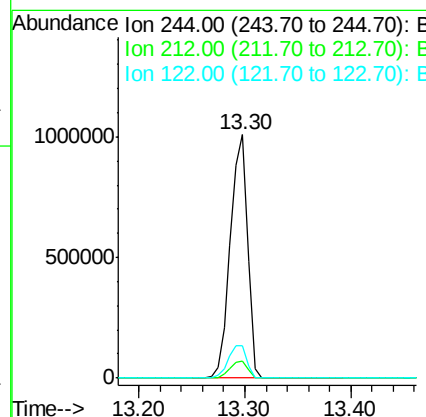
Manual Integrations
APPROVED

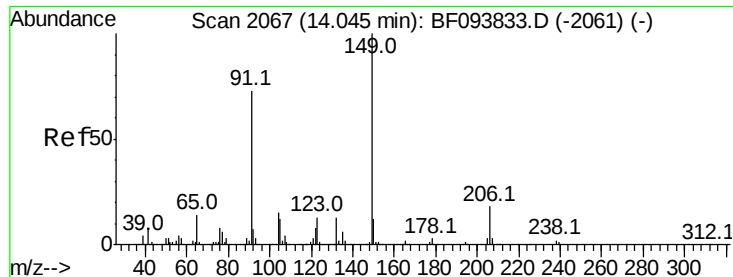
mohammad
4/7/2017 5:20:48 PM



#78
Terphenyl-d14
Concen: 71.04 ng
RT: 13.30 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5





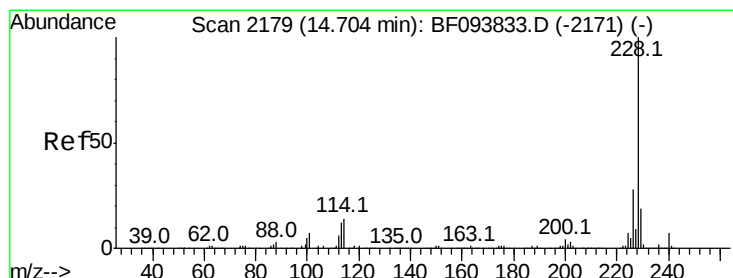
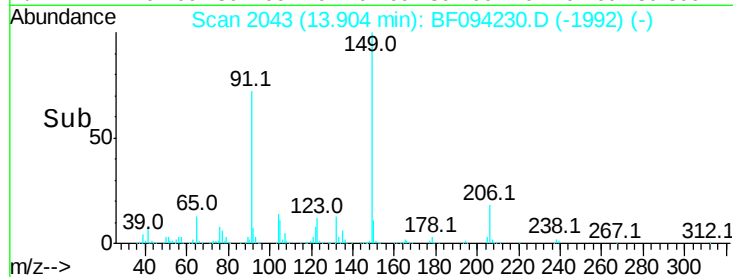
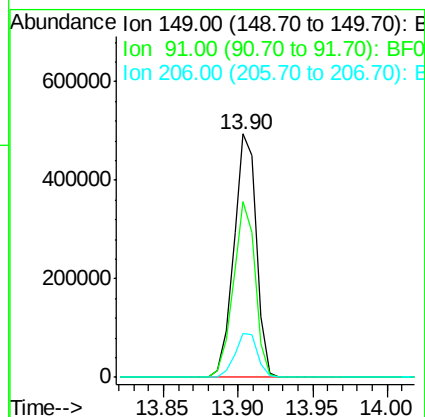
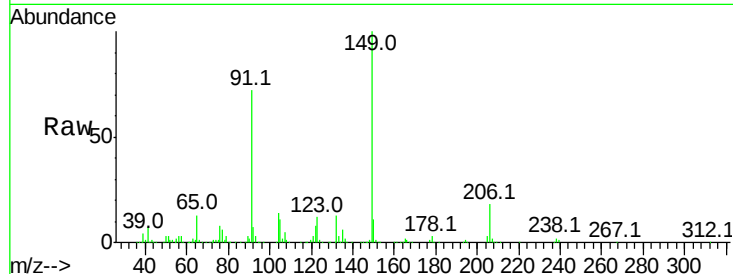
#79
Butylbenzylphthalate
Concen: 47.12 ng
RT: 13.90 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	45.0	67.4#
206	17.8	17.0	25.6

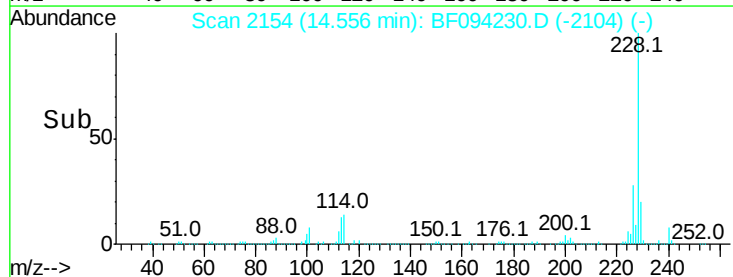
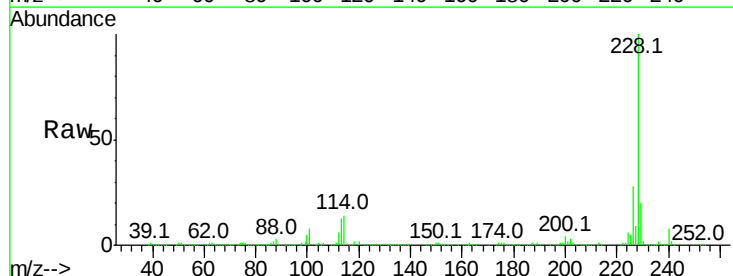
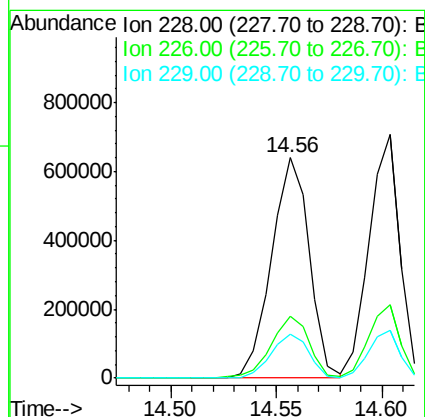
Manual Integrations
APPROVED

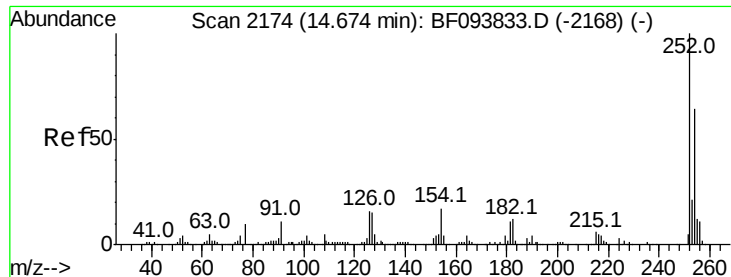
mohammad
4/7/2017 5:20:48 PM



#80
Benzo(a)anthracene
Concen: 37.97 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	16.3	24.5





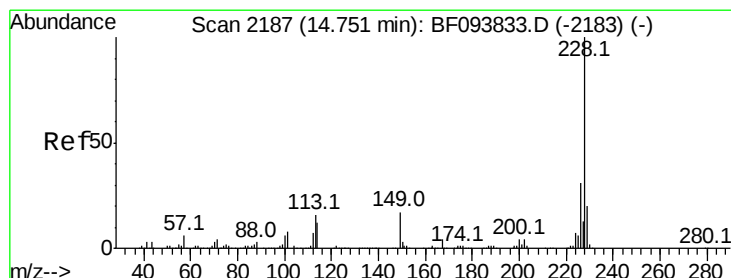
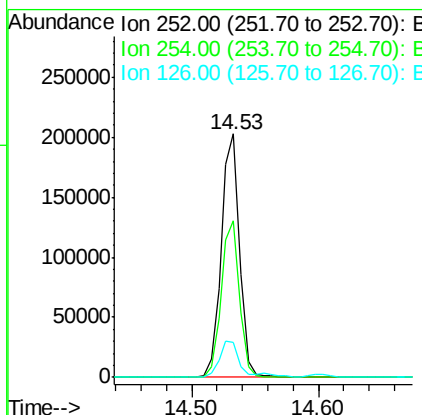
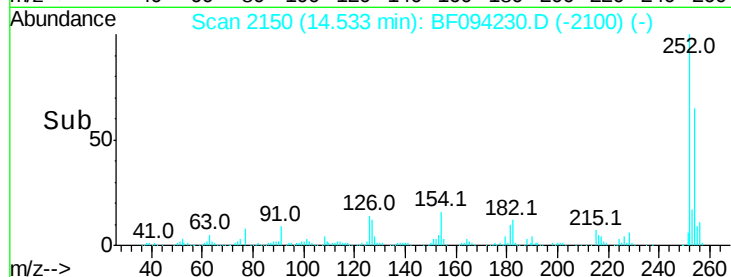
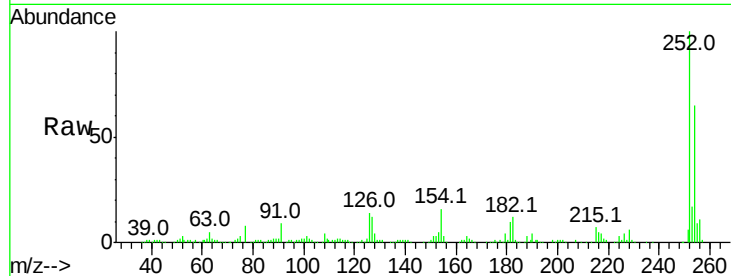
#81
 3,3'-Dichlorobenzidine
 Concen: 27.07 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleID :
 B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.6	51.5	77.3	
126	14.1	15.8	23.8	

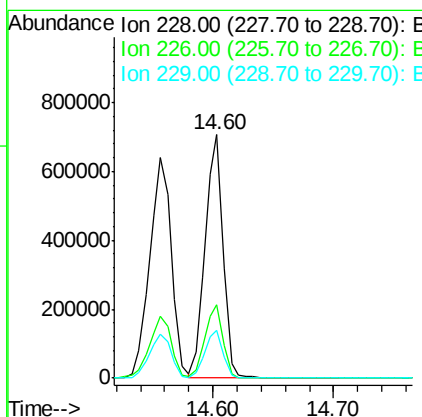
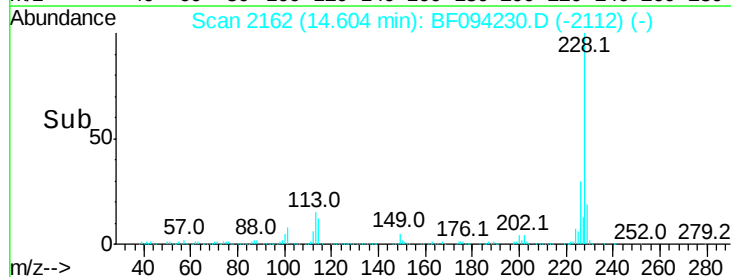
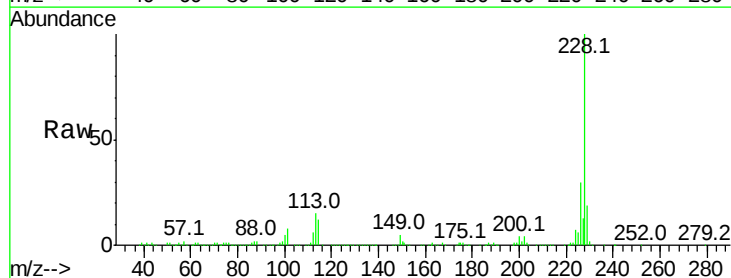
Manual Integrations
 APPROVED

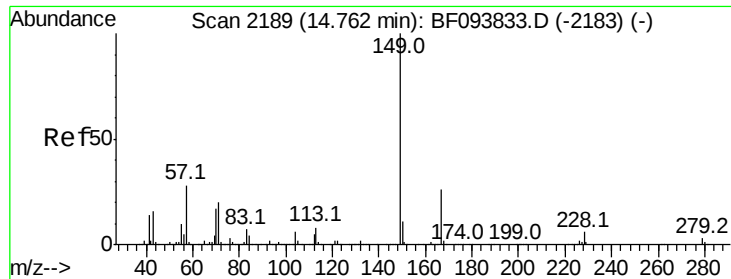
mohammad
 4/7/2017 5:20:48 PM



#82
 Chrysene
 Concen: 36.98 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.4	24.9	37.3	
229	19.5	15.8	23.6	





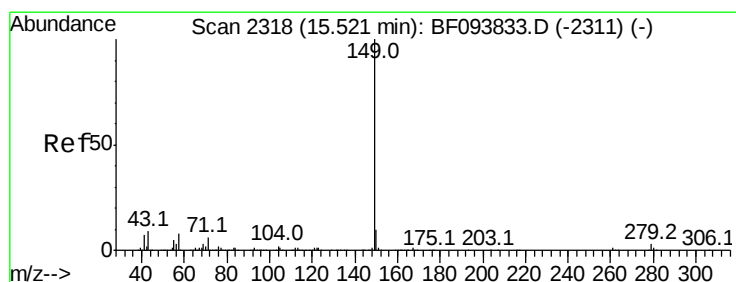
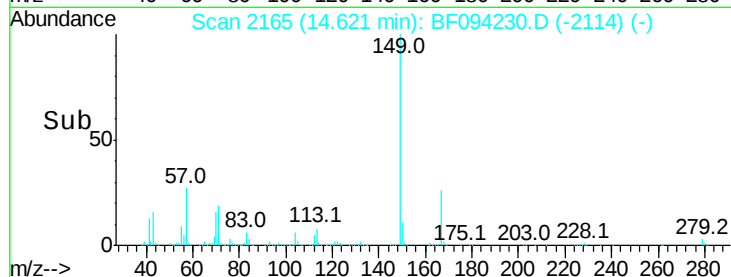
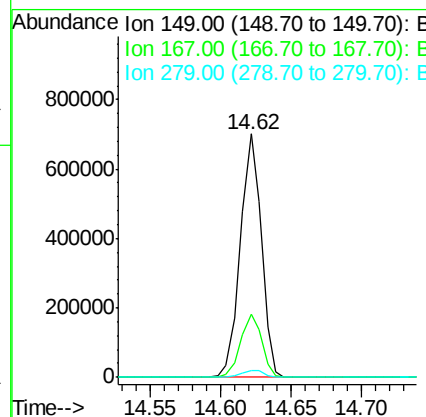
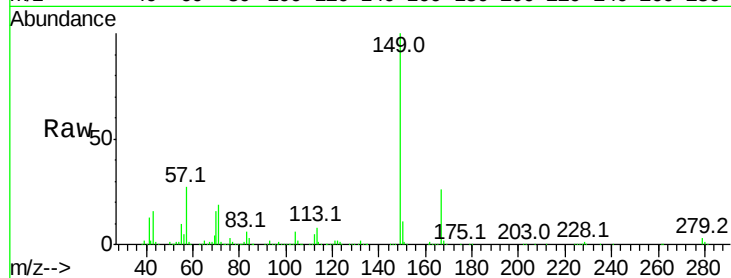
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.84 ng
 RT: 14.62 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	727546		
167	26.1		21.0	31.4
279	3.1		1.9	2.9#

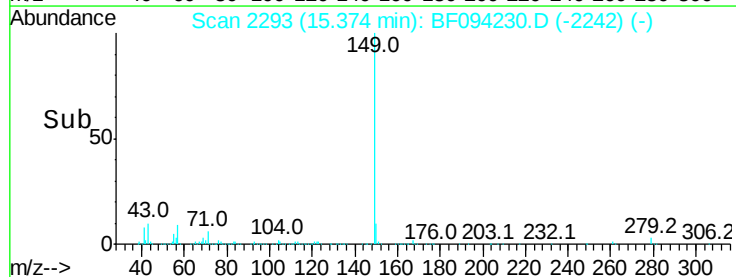
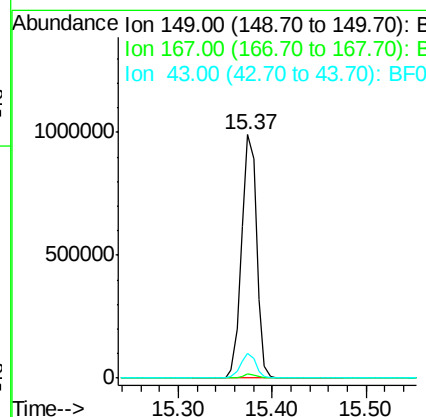
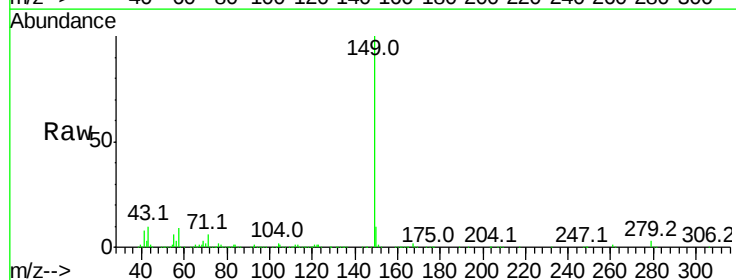
Manual Integrations
 APPROVED

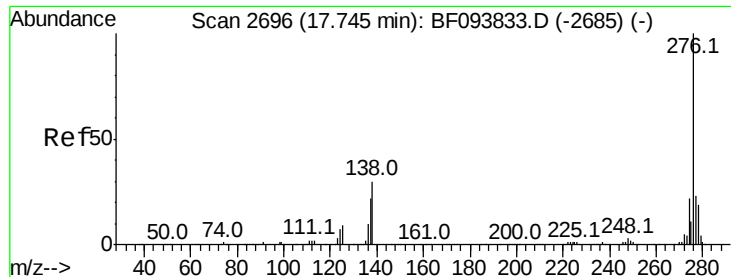
mohammad
 4/7/2017 5:20:48 PM



#84
 Di-n-octyl phthalate
 Concen: 43.40 ng
 RT: 15.37 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1102572		
167	1.5		1.2	1.8
43	9.8		8.5	12.7





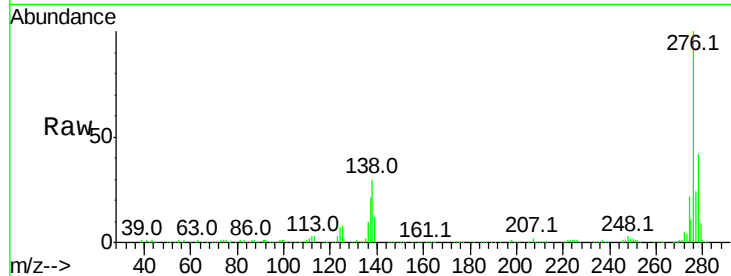
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.95 ng
RT: 17.52 min Scan# 2658
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

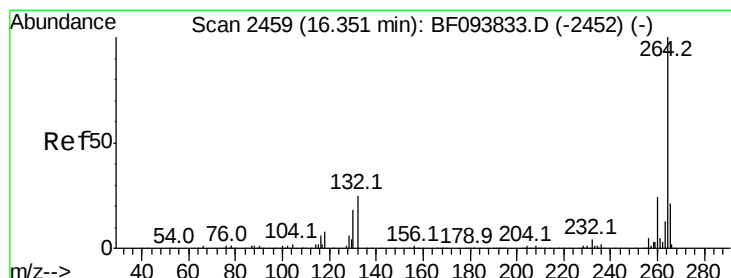
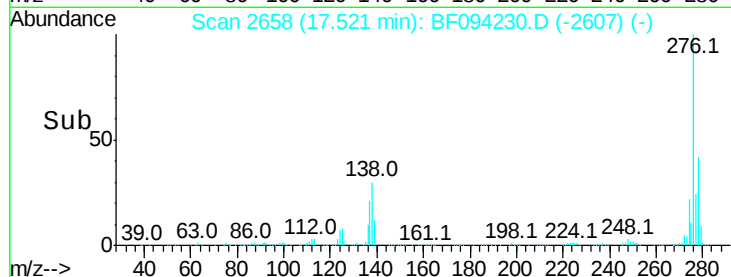
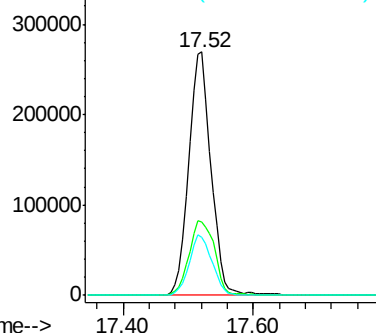
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.4	20.2	30.4

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM

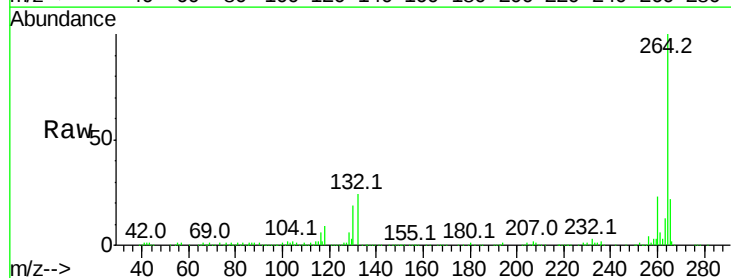


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

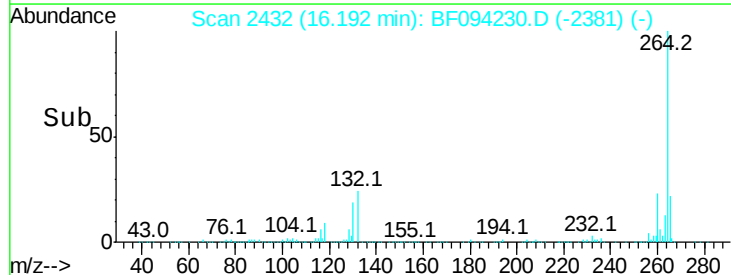
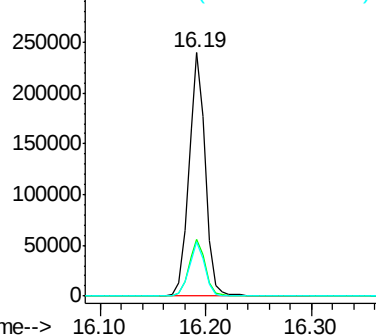


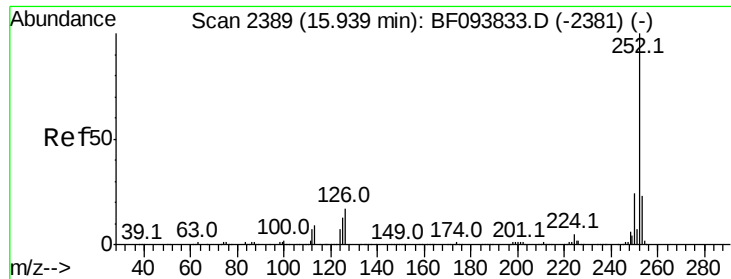
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.04 ng

RT: 15.79 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Instrument :

BNA_F

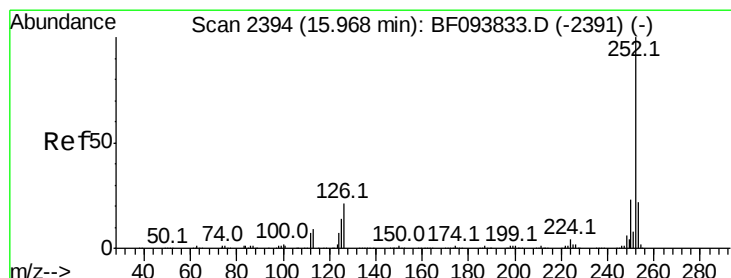
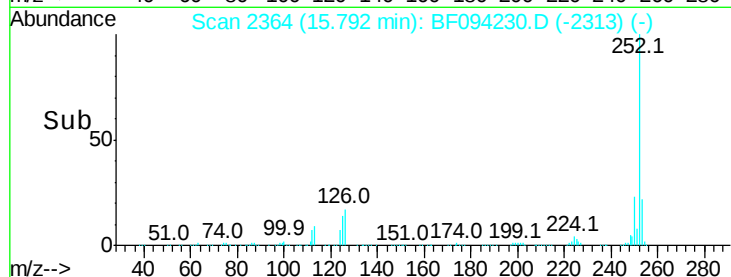
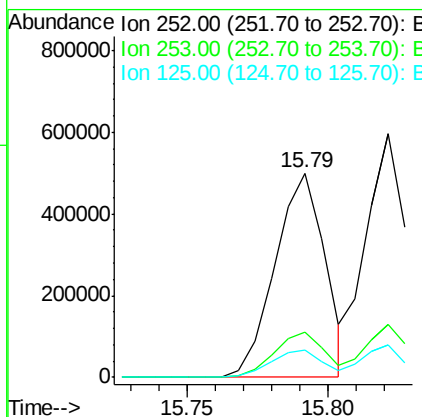
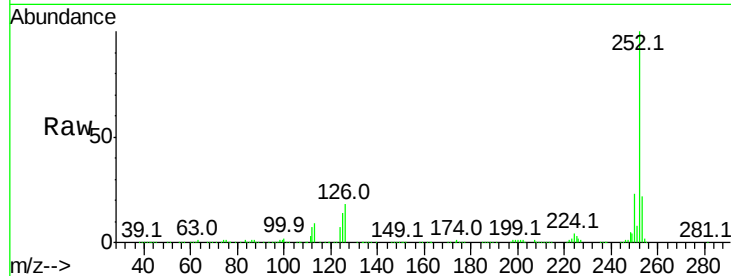
ClientSampleId :

B4-(0-5)MS

Tot Ion:	252	Resp:	613111
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	13.5	9.8	14.8

Manual Integrations
APPROVED

mohammad
4/7/2017 5:20:48 PM



#88

Benzo(k)fluoranthene

Concen: 37.97 ng

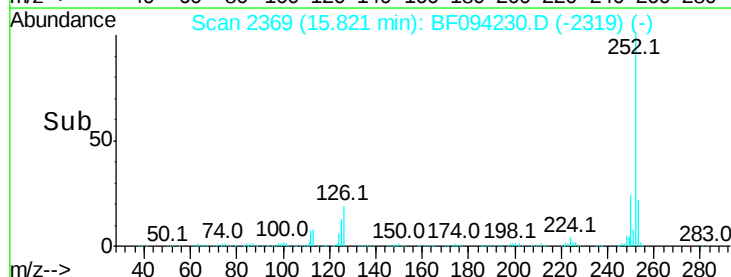
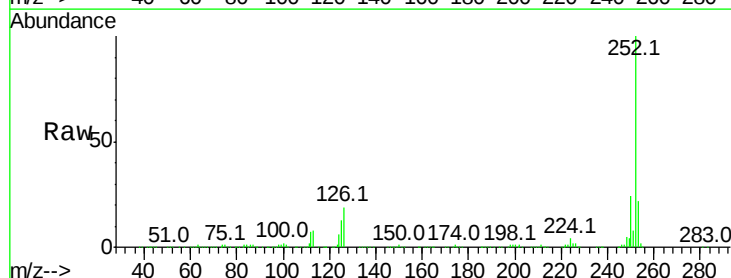
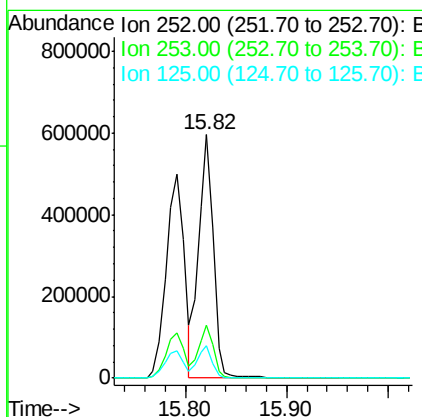
RT: 15.82 min Scan# 2369

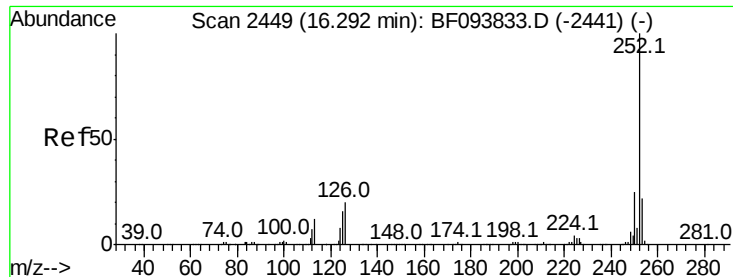
Delta R.T. -0.01 min

Lab File: BF094230.D

Acq: 6 Apr 2017 16:07

Tgt Ion:	252	Resp:	598752
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	13.4	13.1	19.7





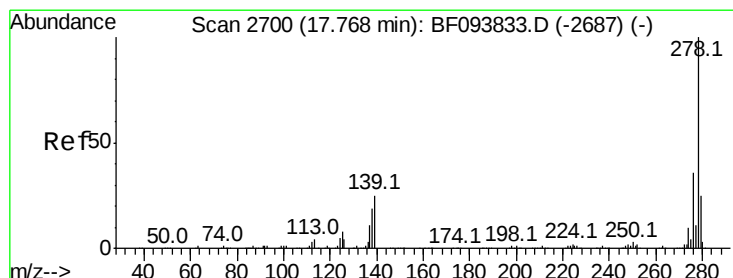
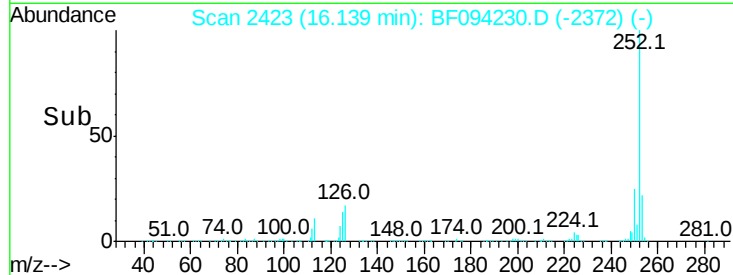
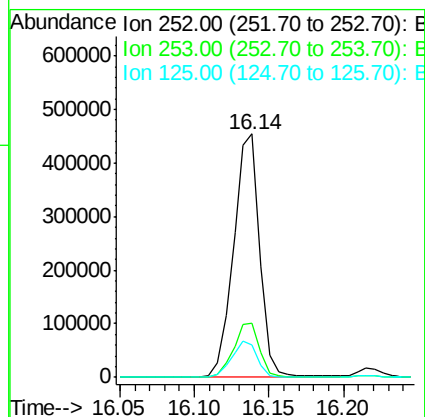
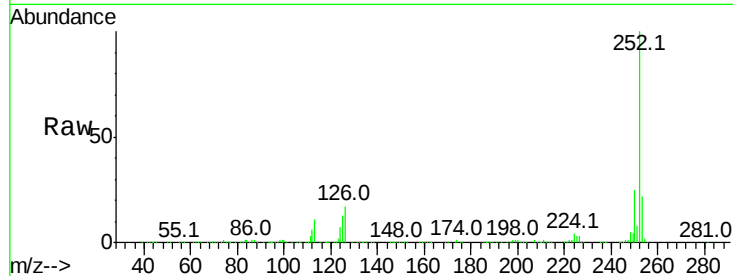
#89
Benzo(a)pyrene
Concen: 37.80 ng
RT: 16.14 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	13.5	11.0	16.4

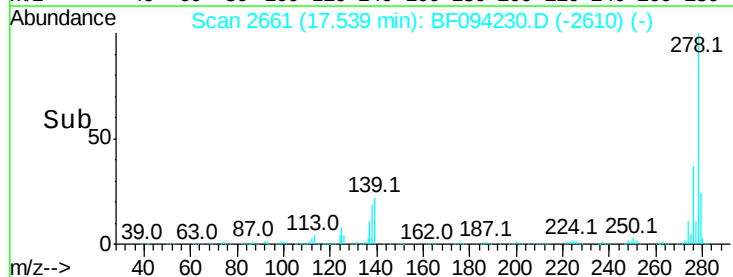
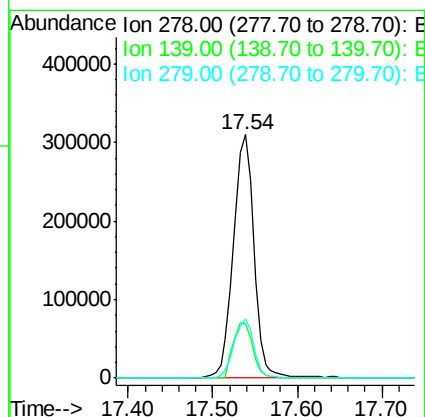
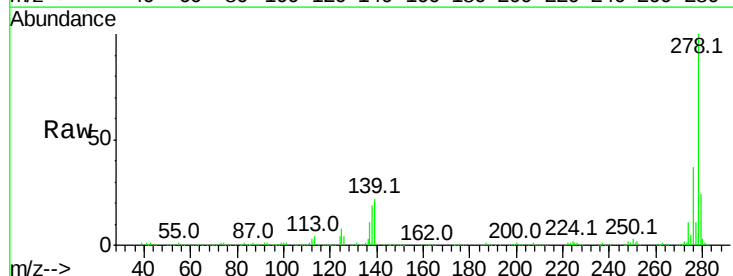
Manual Integrations
APPROVED

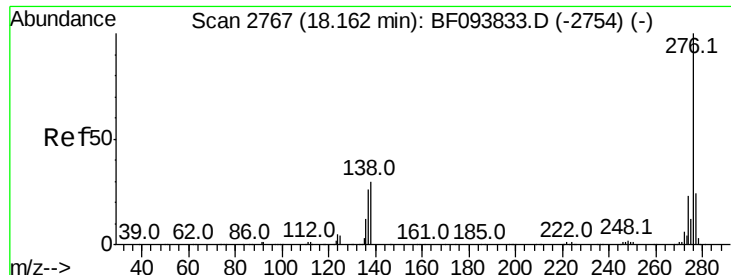
mohammad
4/7/2017 5:20:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.67 ng
RT: 17.54 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF094230.D
Acq: 6 Apr 2017 16:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	24.3	19.3	28.9





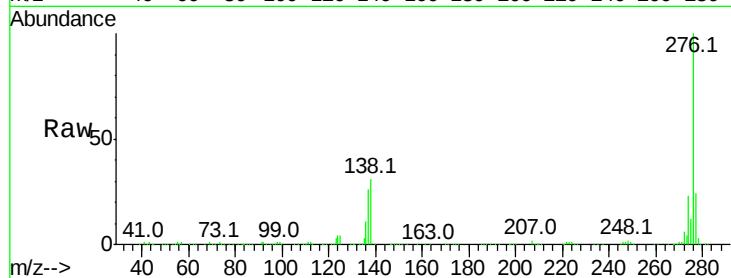
#91
 Benzo(a,h,i)perylene
 Concen: 43.28 ng
 RT: 17.91 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: BF094230.D
 Acq: 6 Apr 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MS

Tot Ion:	276	Resp:	548297
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	31.3	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:48 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

