

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093556.D
 Acq On : 11 Mar 2017 7:12
 Operator : SJ/MA
 Sample : I2195-05MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Manual Integrations
 APPROVED

mohammad

3/13/2017 5:50:40 PM

Quant Time: Mar 13 14:09:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173982	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	678797	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	328459	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	591747	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	453191	20.00	ng	-0.02
86) Perylene-d12	15.31	264	352513	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1457182	139.40	ng	0.01
7) Phenol-d6	6.41	99	1697523	128.77	ng	0.00
23) Nitrobenzene-d5	7.32	82	1204711	98.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	303399	141.78	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1785342	101.10	ng	-0.03
78) Terphenyl-d14	12.85	244	1690533	96.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	251295	43.64	ng	# 85
3) Pyridine	3.10	79	427336m	29.11	ng	
4) n-Nitrosodimethylamine	3.02	42	333194	47.52	ng	82
6) Aniline	6.44	93	100272	5.54	ng	# 18
8) 2-Chlorophenol	6.54	128	523036	44.66	ng	94
9) Benzaldehyde	6.30	77	318591	39.18	ng	92
10) Phenol	6.42	94	727767	45.05	ng	# 76
11) bis(2-Chloroethyl)ether	6.48	93	609320	46.67	ng	88
12) 1,3-Dichlorobenzene	6.68	146	588745m	43.92	ng	
13) 1,4-Dichlorobenzene	6.76	146	613984	44.73	ng	99
14) 1,2-Dichlorobenzene	6.92	146	532080	43.78	ng	96
15) Benzyl Alcohol	6.90	79	418034	44.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	947174	43.67	ng	56
17) 2-Methylphenol	7.03	107	463050	46.74	ng	# 81
18) Hexachloroethane	7.25	117	210909	45.56	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	426020	47.01	ng	95
20) 3+4-Methylphenols	7.20	107	643059	50.05	ng	# 71
22) Acetophenone	7.17	105	802278	49.11	ng	# 94
24) Nitrobenzene	7.34	77	662550	48.19	ng	97
25) Isophorone	7.58	82	1185318	48.05	ng	98
26) 2-Nitrophenol	7.66	139	300560	47.91	ng	90
27) 2,4-Dimethylphenol	7.70	122	479538	46.99	ng	100
28) bis(2-Chloroethoxy)methane	7.78	93	719450	46.19	ng	98
29) 2,4-Dichlorophenol	7.91	162	497422	51.81	ng	87
30) 1,2,4-Trichlorobenzene	7.97	180	470446	46.08	ng	# 93
31) Naphthalene	8.05	128	1510138	44.39	ng	99
32) Benzoic acid	7.88	122	242344	45.70	ng	95
33) 4-Chloroaniline	8.14	127	56332	4.08	ng	97
34) Hexachlorobutadiene	8.16	225	253002	48.11	ng	99
35) Caprolactam	8.49	113	131744m	40.18	ng	
36) 4-Chloro-3-methylphenol	8.62	107	493033	48.11	ng	95
37) 2-Methylnaphthalene	8.74	142	1021932	47.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	438300	48.87	ng	98
40) Hexachlorocyclopentadiene	8.88	237	254098	107.40	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093556.D
 Acq On : 11 Mar 2017 7:12
 Operator : SJ/MA
 Sample : I2195-05MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Manual Integrations
 APPROVED

mohammad

3/13/2017 5:50:40 PM

Quant Time: Mar 13 14:09:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	298893	53.34	nq	91
43) 2,4,5-Trichlorophenol	9.09	196	285101	47.42	nq	94
45) 1,1'-Biphenyl	9.20	154	1189619	49.72	nq	97
46) 2-Chloronaphthalene	9.22	162	968405	52.87	nq	95
47) 2-Nitroaniline	9.34	65	322629	49.83	nq	87
48) Acenaphthylene	9.64	152	1463376	48.45	nq	99
49) Dimethylphthalate	9.51	163	1124860	51.66	nq	98
50) 2,6-Dinitrotoluene	9.59	165	236154	49.42	nq	# 75
51) Acenaphthene	9.81	154	846776	47.41	nq	96
52) 3-Nitroaniline	9.77	138	33108	5.77	nq	# 91
53) 2,4-Dinitrophenol	9.89	184	197331	90.69	nq	# 74
54) Dibenzofuran	9.99	168	1317513	58.93	nq	94
55) 4-Nitrophenol	9.97	139	169277m	60.71	nq	
56) 2,4-Dinitrotoluene	10.00	165	316174	53.86	nq	# 74
57) Fluorene	10.33	166	1019460	53.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242040	57.04	nq	96
59) Diethylphthalate	10.21	149	1091030	52.42	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	471129	55.48	nq	# 78
61) 4-Nitroaniline	10.38	138	207916	35.41	nq	94
62) Azobenzene	10.48	77	1463752	61.90	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	149837	39.08	nq	# 74
65) n-Nitrosodiphenylamine	10.45	169	793095	40.14	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	271999	43.47	nq	# 89
67) Hexachlorobenzene	10.88	284	274105	45.87	nq	# 90
68) Atrazine	10.97	200	190426	32.93	nq	97
69) Pentachlorophenol	11.09	266	171818	83.29	nq	97
70) Phenanthrene	11.29	178	1506649	44.61	nq	98
71) Anthracene	11.34	178	1467520	42.95	nq	99
72) Carbazole	11.50	167	1162533	36.22	nq	100
73) Di-n-butylphthalate	11.82	149	1695839	45.67	nq	98
74) Fluoranthene	12.47	202	1490773	45.69	nq	96
77) Pyrene	12.70	202	1465058	44.45	nq	100
79) Butylbenzylphthalate	13.32	149	740246	53.35	nq	95
80) Benzo(a)anthracene	13.89	228	1259809	47.07	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	38025	4.06	nq	# 93
82) Chrysene	13.93	228	1244920	50.28	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1076693	55.67	nq	# 96
84) Di-n-octyl phthalate	14.48	149	1639014	50.85	nq	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	930112	44.87	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	1115044m	51.94	nq	
88) Benzo(k)fluoranthene	14.94	252	952652m	46.01	nq	
89) Benzo(a)pyrene	15.26	252	981110	50.00	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	792257	48.81	nq	# 96
91) Benzo(g,h,i)perylene	17.08	276	796678	47.82	nq	# 91

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093556.D
 Acq On : 11 Mar 2017 7:12
 Operator : SJ/MA
 Sample : I2195-05MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

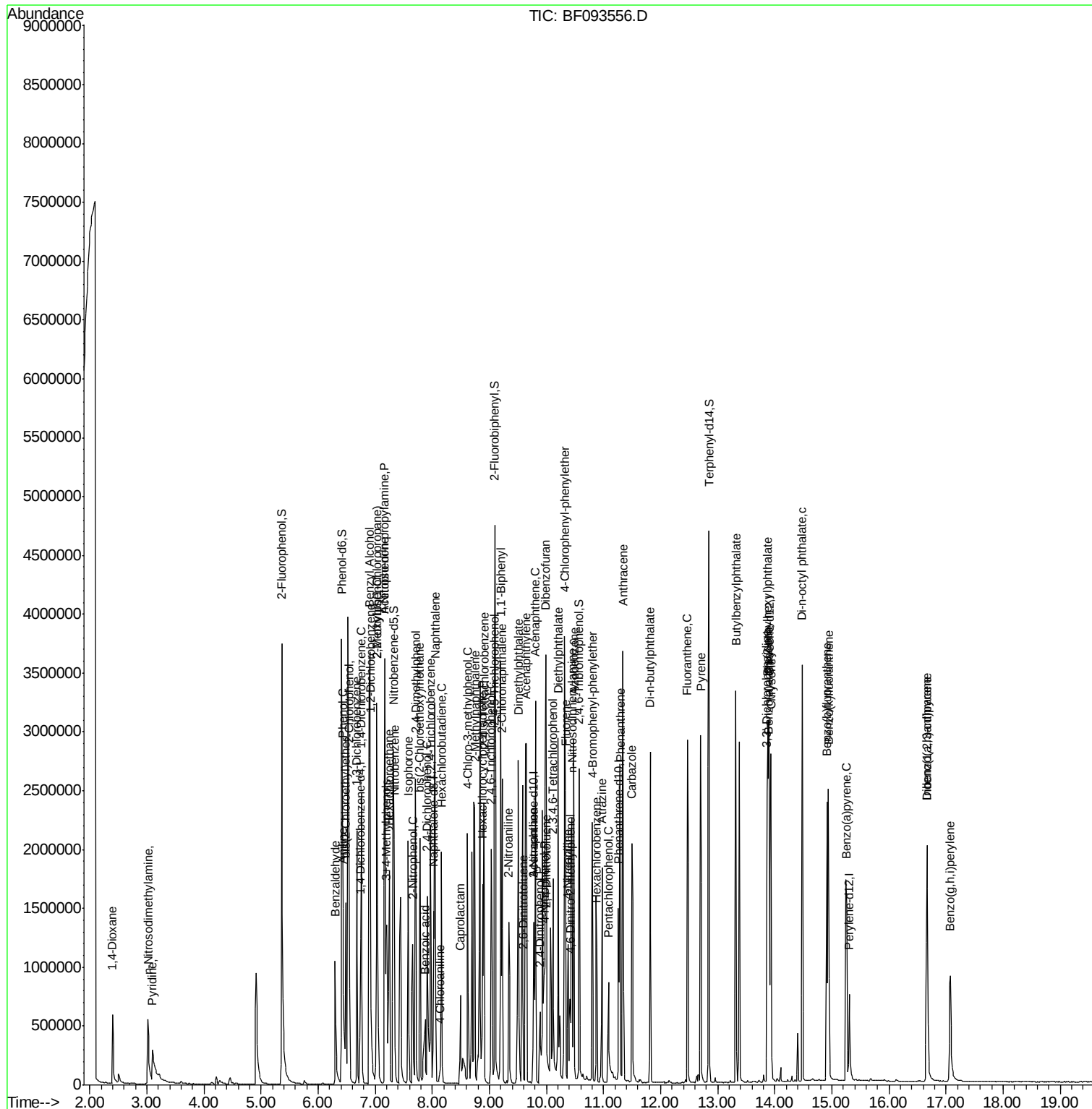
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

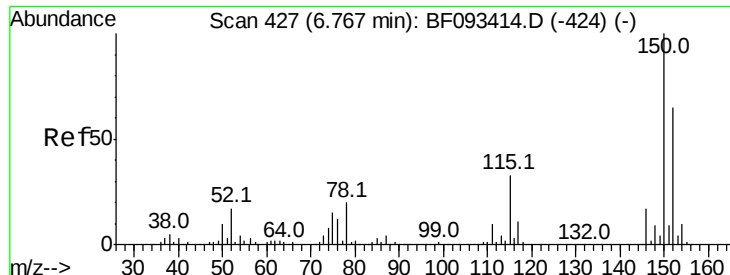
Manual Integrations
 APPROVED

Quant Time: Mar 13 14:09:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

mohammad

3/13/2017 5:50:40 PM





#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

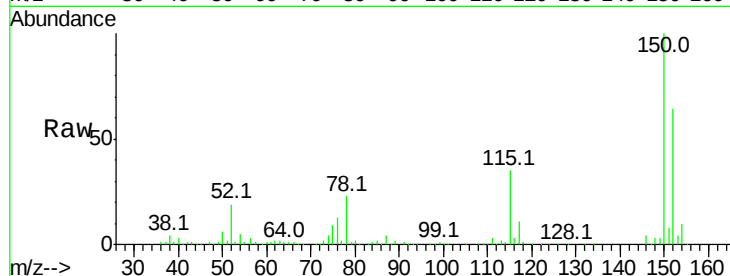
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	54.9	46.0	69.0

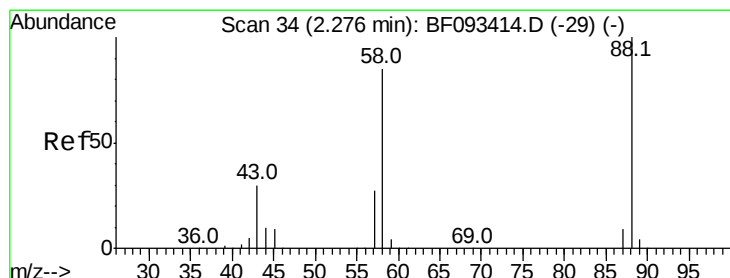
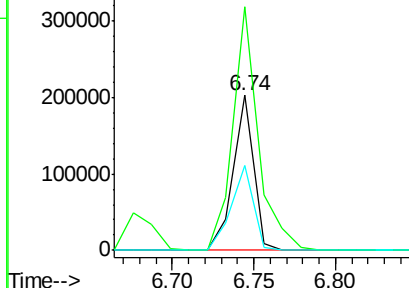
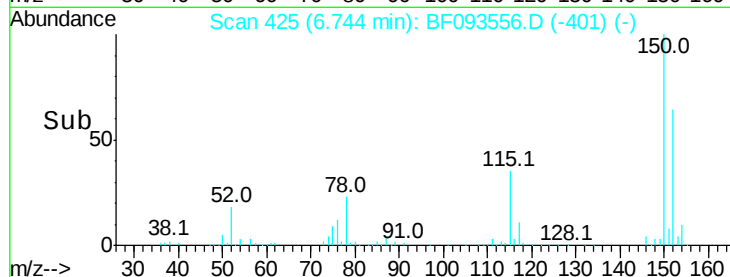
Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



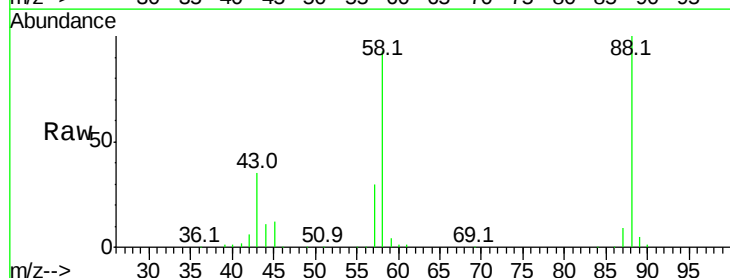
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



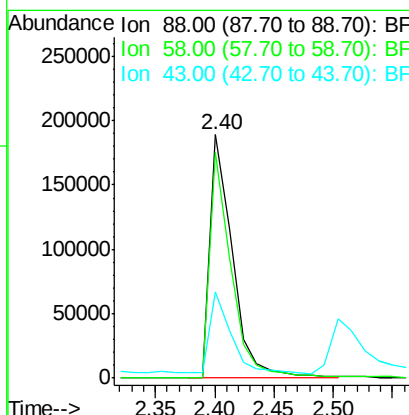
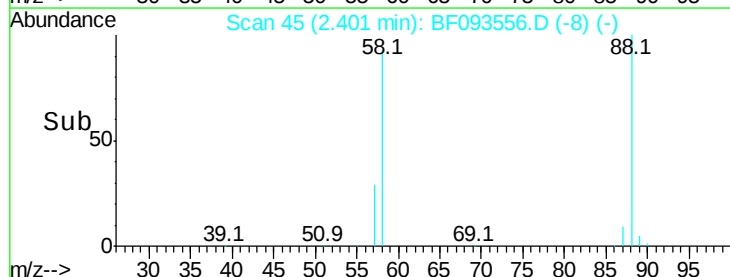
#2

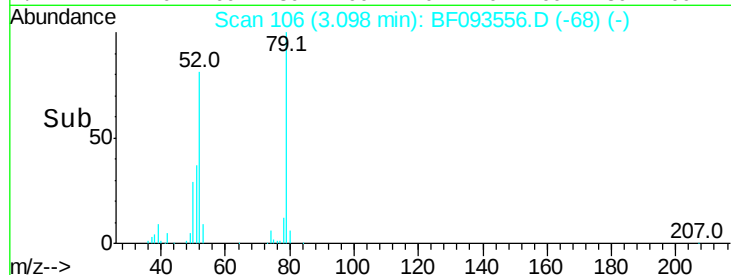
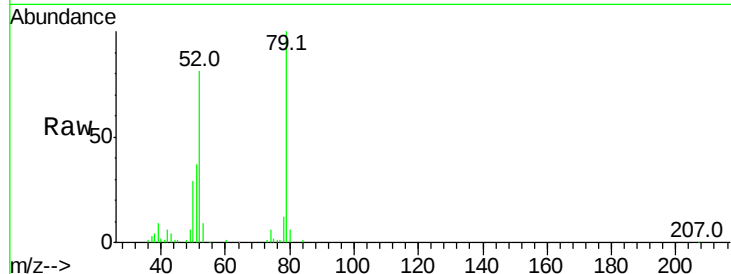
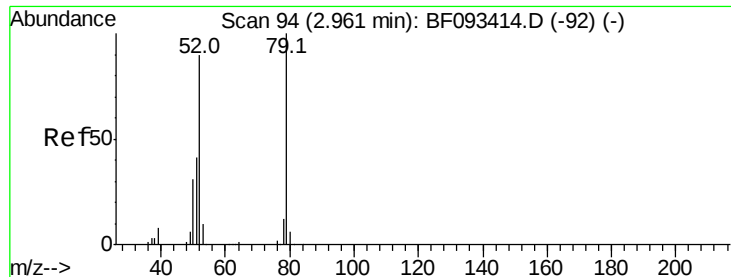
1,4-Dioxane
Concen: 43.64 ng
RT: 2.40 min Scan# 45
Delta R.T. 0.13 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	57.8	86.8#
43	30.5	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3
 Pvridine
 Concen: 29.11 ng/ml
 RT: 3.10 min Scan# 106
 Delta R.T. 0.14 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

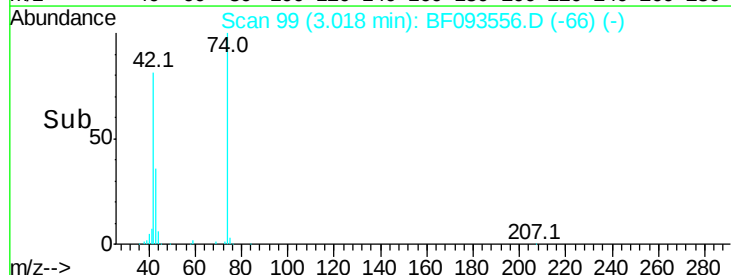
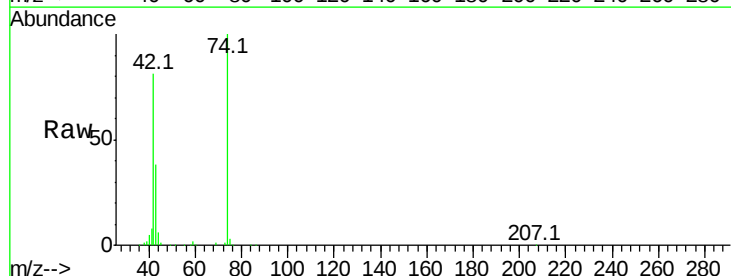
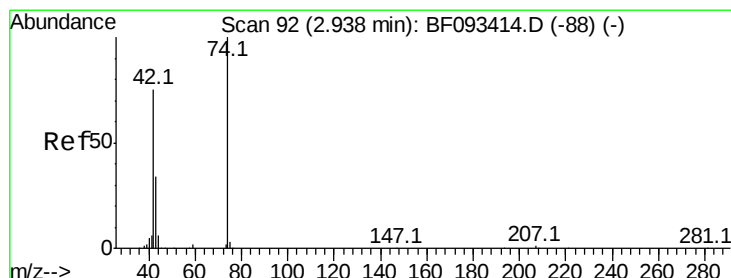
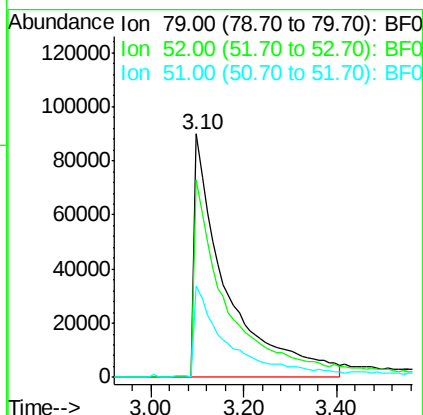
Tot Ion:	79	Resp:	427336
Ion Ratio	Lower	Upper	
79	100		
52	81.0	57.1	85.7
51	37.5	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Manual Integrations
 APPROVED

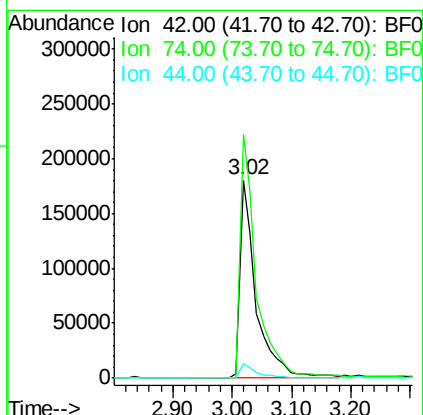
mohammad

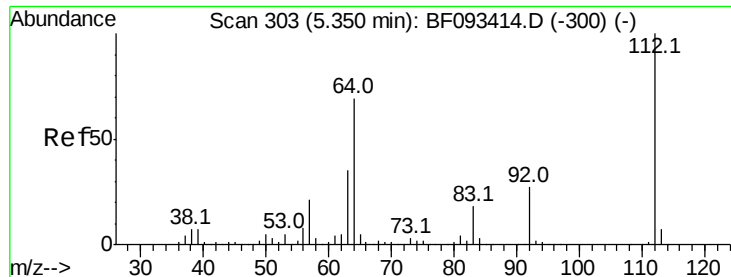
3/13/2017 5:50:40 PM



#4
 n-Nitrosodimethylamine
 Concen: 47.52 ng/ml
 RT: 3.02 min Scan# 99
 Delta R.T. 0.08 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:	42	Resp:	333194
Ion Ratio	Lower	Upper	
42	100		
74	123.1	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 139.40 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

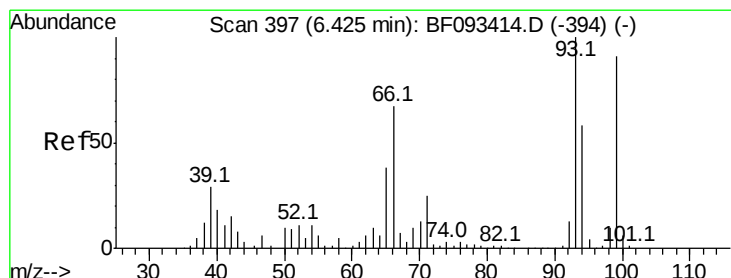
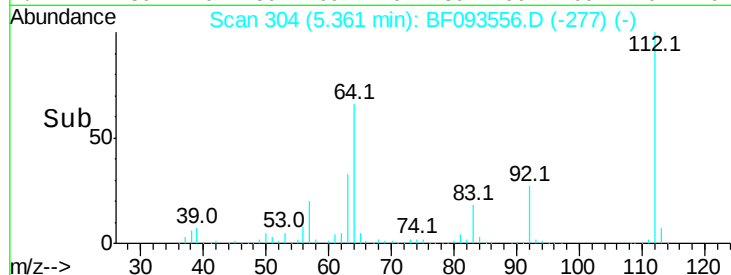
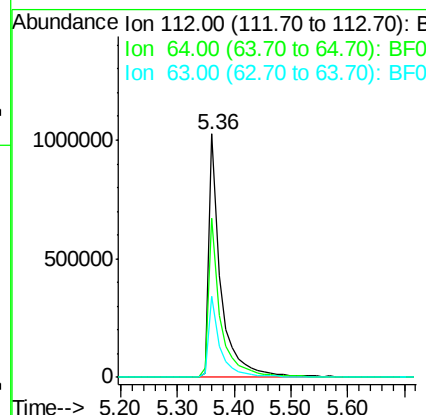
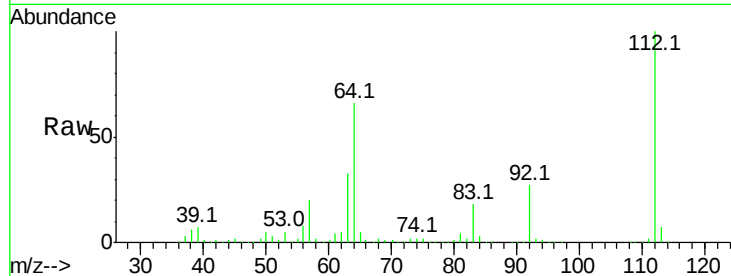
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:	112	Resp:	1457182
Ion	Ratio	Lower	Upper
112	100		
64	65.6	46.1	69.1
63	33.4	23.8	35.6

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



#6

Aniline

Concen: 5.54 ng

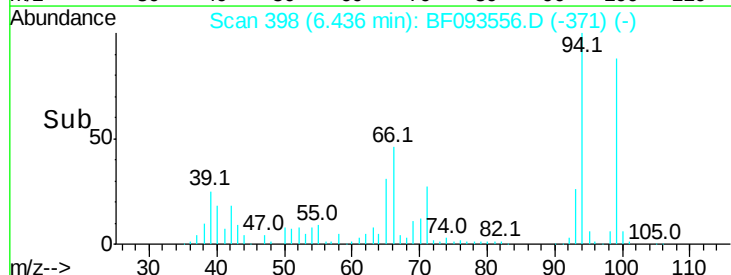
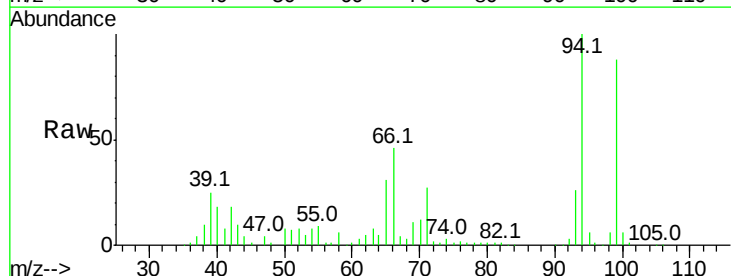
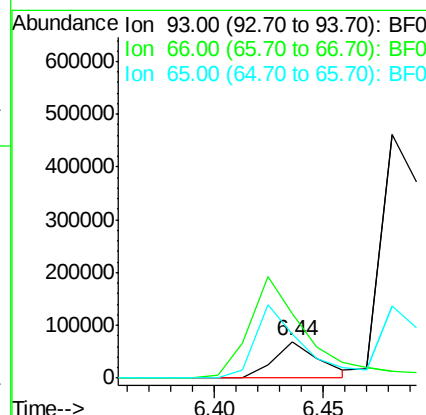
RT: 6.44 min Scan# 398

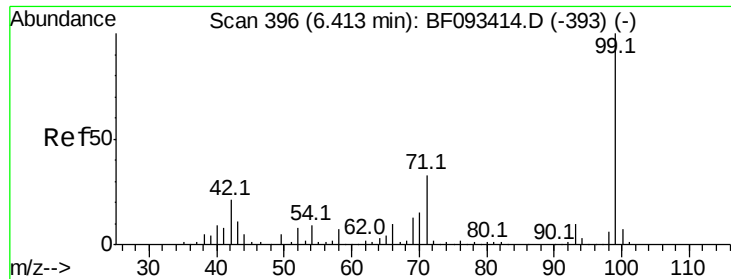
Delta R.T. 0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Tgt Ion:	93	Resp:	100272
Ion	Ratio	Lower	Upper
93	100		
66	178.9	76.2	114.2#
65	120.1	49.3	73.9#





#7

Phenol-d6

Concen: 128.77 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion: 99 Resp: 1697523

Ion Ratio Lower Upper

99 100

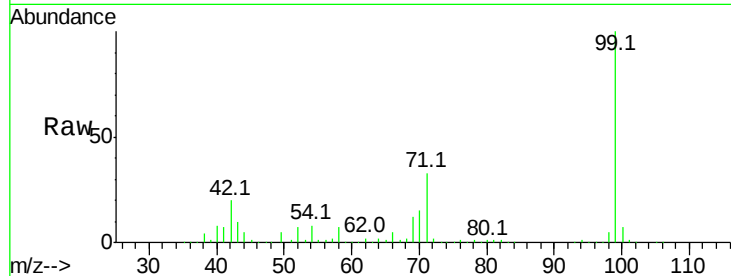
42 20.1 15.6 23.4

71 33.0 27.5 41.3

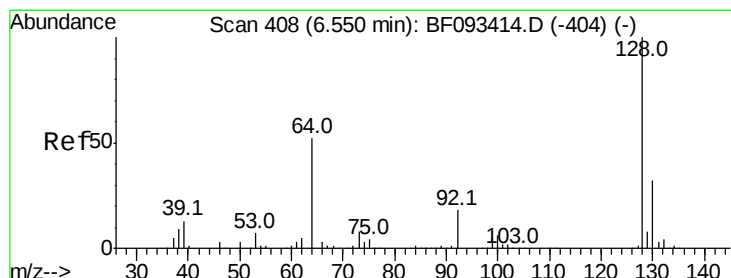
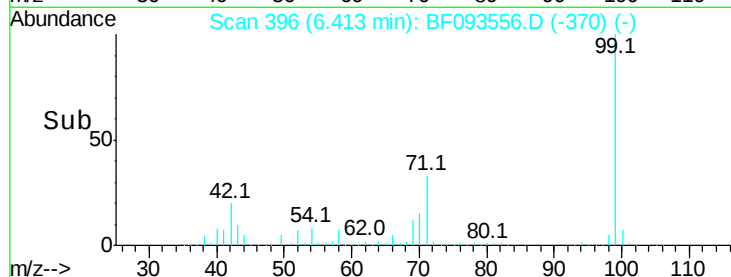
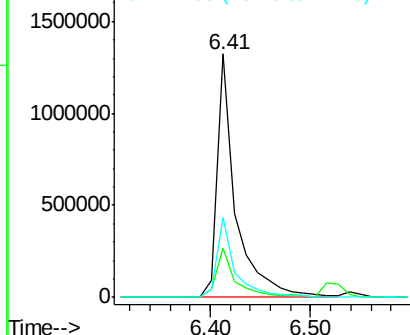
Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 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: 44.66 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

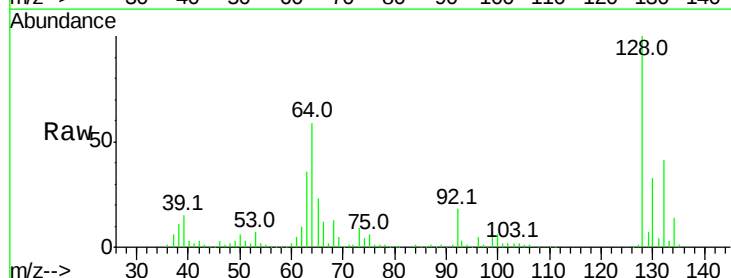
Tgt Ion: 128 Resp: 523036

Ion Ratio Lower Upper

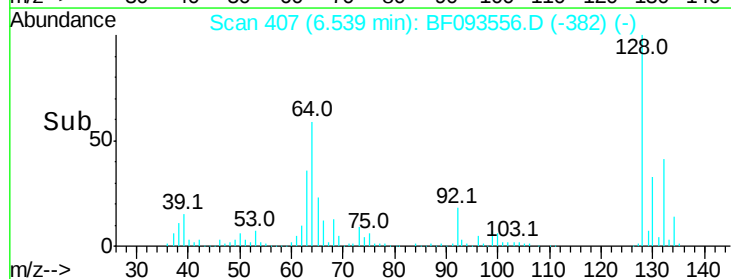
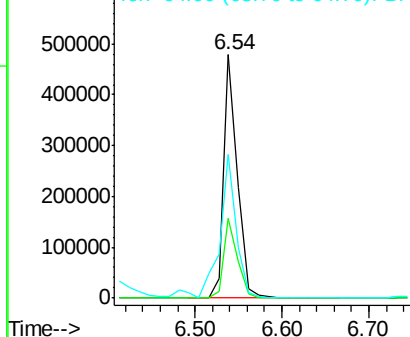
128 100

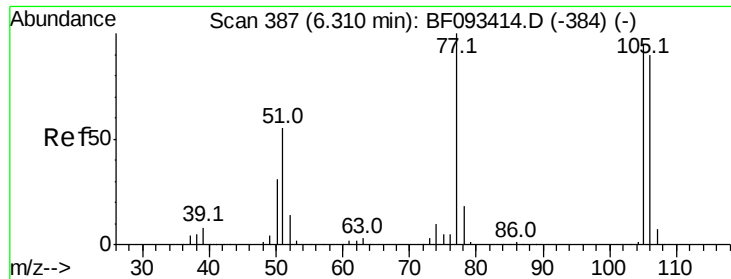
130 32.8 12.3 52.3

64 59.0 32.2 72.2



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: 39.18 ng
RT: 6.30 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

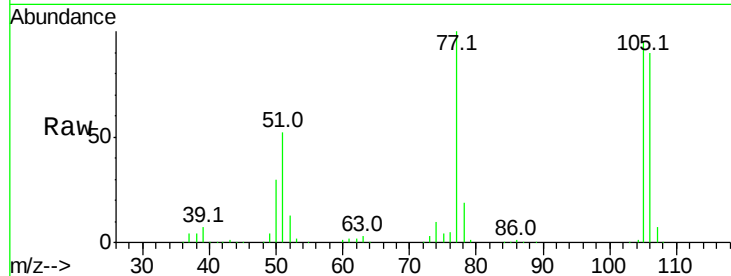
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion: 77 Resp: 318591
Ion Ratio Lower Upper
77 100
105 95.4 83.9 123.9
106 90.5 77.6 117.6

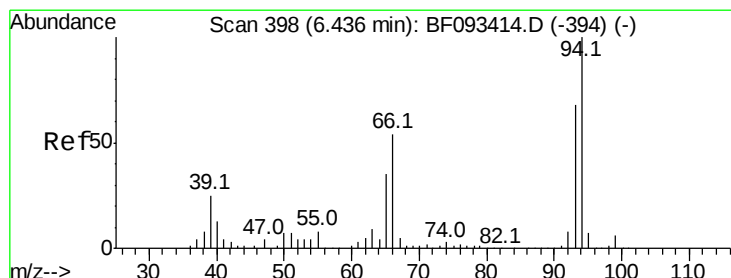
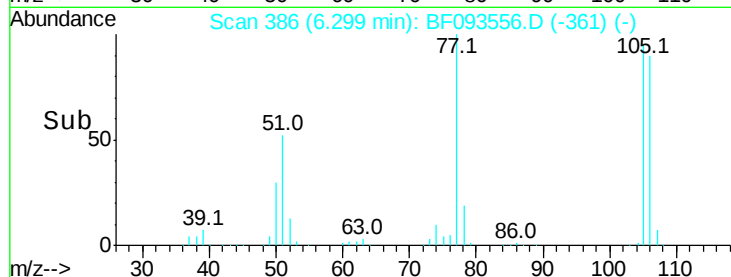
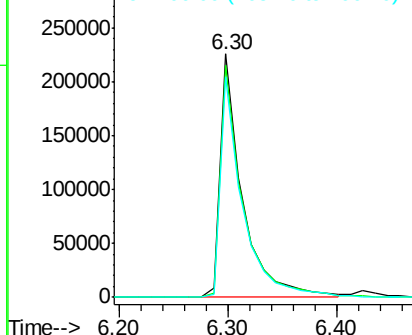
Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM

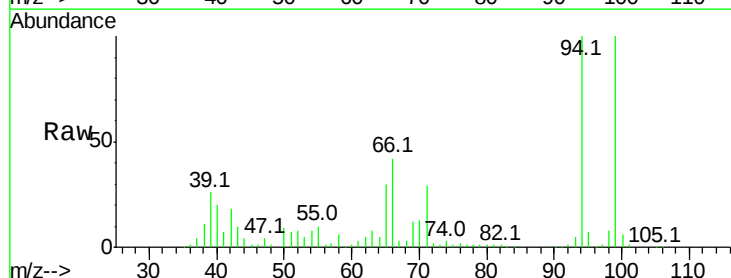


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

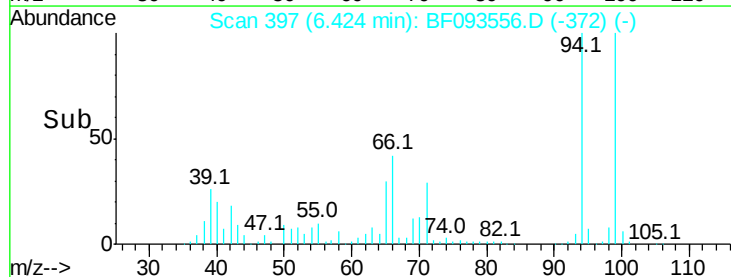
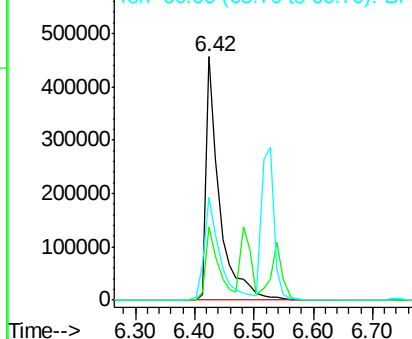


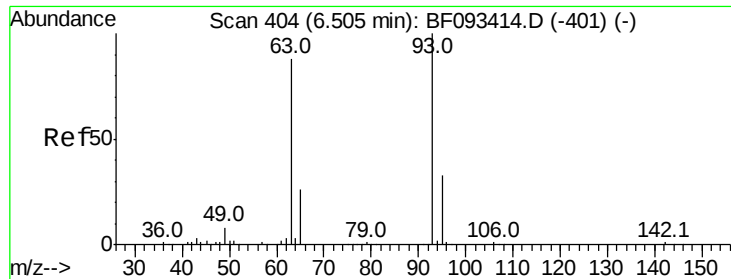
#10
Phenol
Concen: 45.05 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion: 94 Resp: 727767
Ion Ratio Lower Upper
94 100
65 30.4 21.4 61.4
66 42.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11
bis(2-Chloroethyl)ether
Concen: 46.67 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

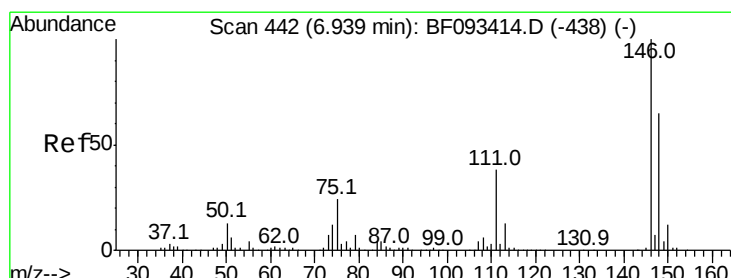
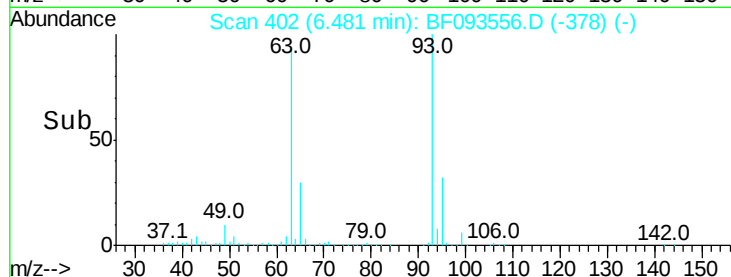
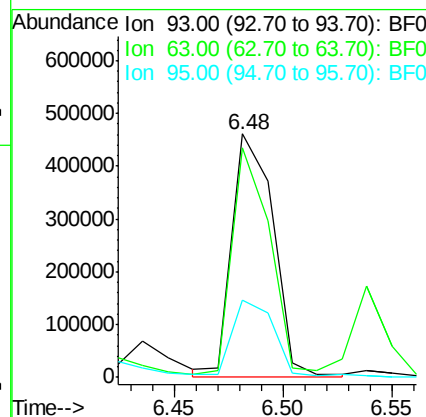
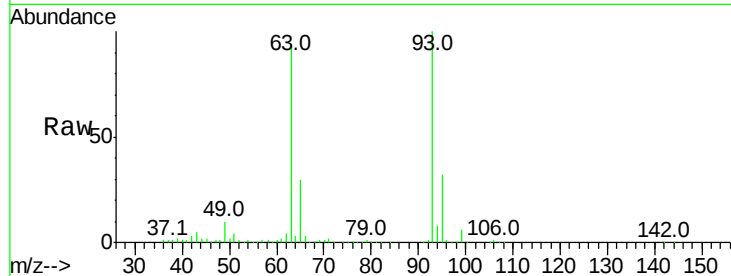
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:	93	Resp:	609320
Ion Ratio	Lower	Upper	
93	100		
63	94.5	60.4	100.4
95	31.5	12.8	52.8

Manual Integrations
APPROVED

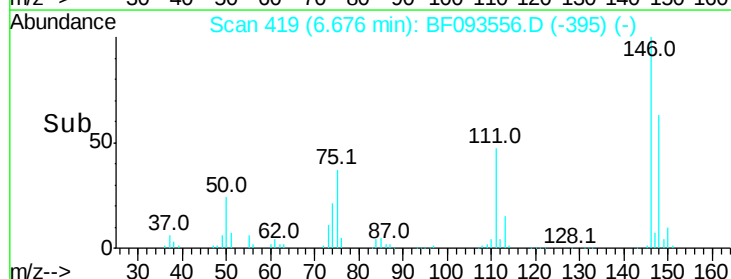
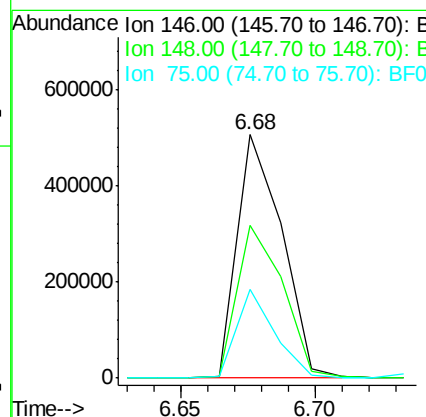
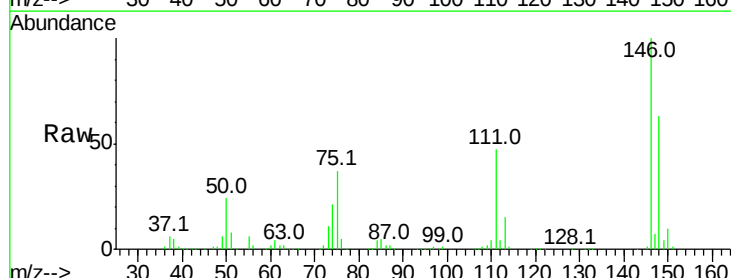
mohammad

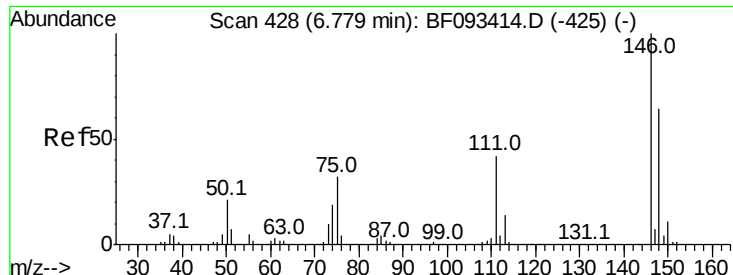
3/13/2017 5:50:40 PM



#12
1,3-Dichlorobenzene
Concen: 43.92 ng m
RT: 6.68 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:	146	Resp:	588745
Ion Ratio	Lower	Upper	
146	100		
148	62.9	53.4	80.0
75	36.7	18.5	27.7#





#13
 1,4-Dichlorobenzene
 Concen: 44.73 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

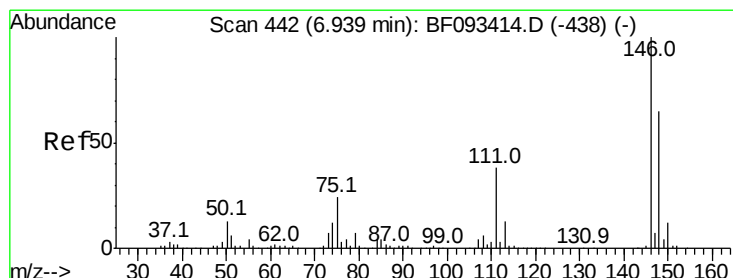
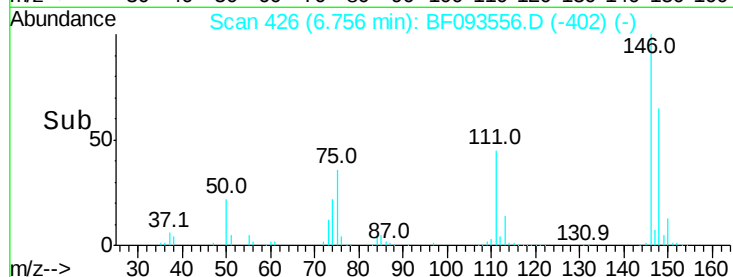
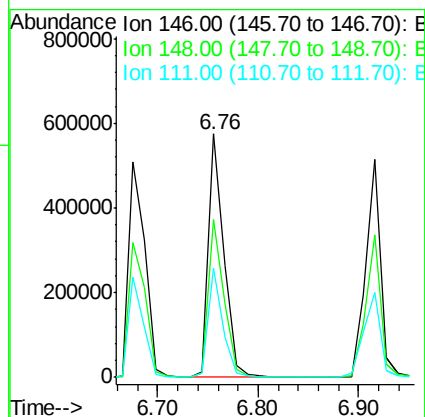
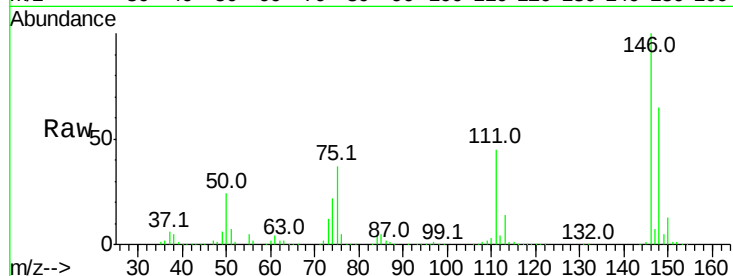
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	44.8	36.2	54.4

Manual Integrations
 APPROVED

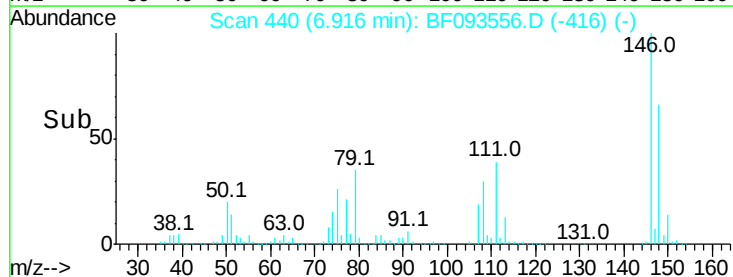
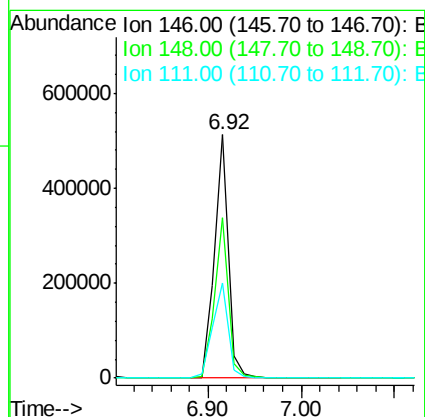
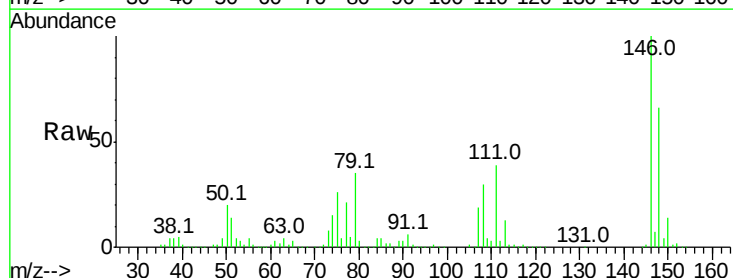
mohammad

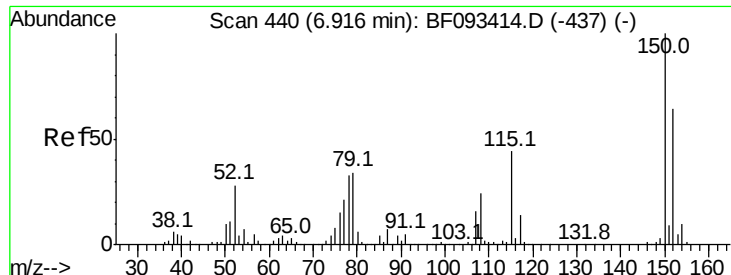
3/13/2017 5:50:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.78 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	39.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.49 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

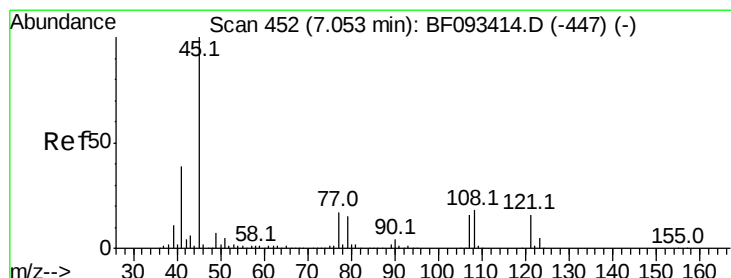
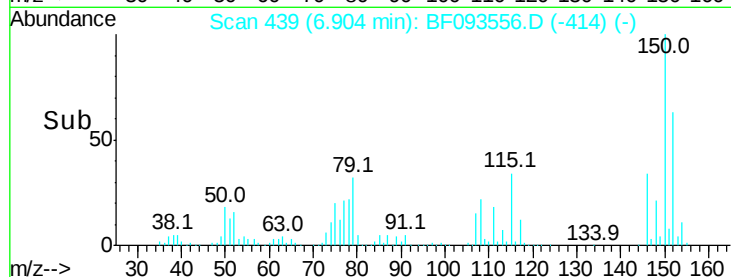
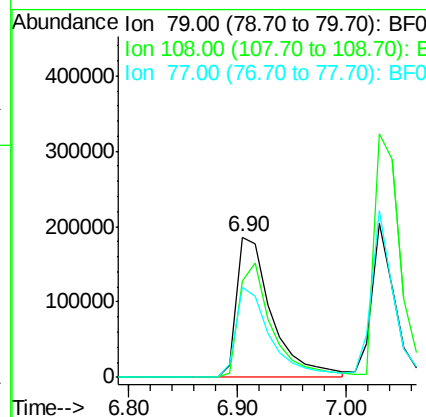
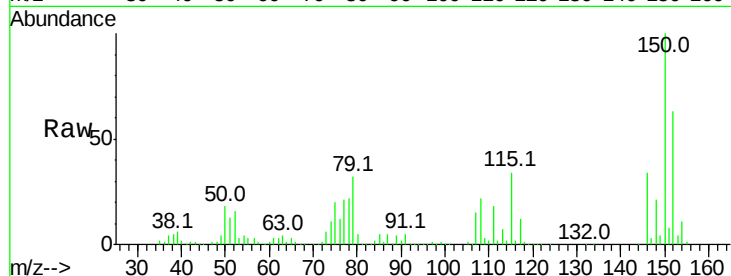
TP-9-COMP-0-12FTMS

Tot Ion:	79	Resp:	418034
Ion Ratio	Lower	Upper	
79	100		
108	69.1	61.4	92.0
77	64.5	50.9	76.3

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.67 ng

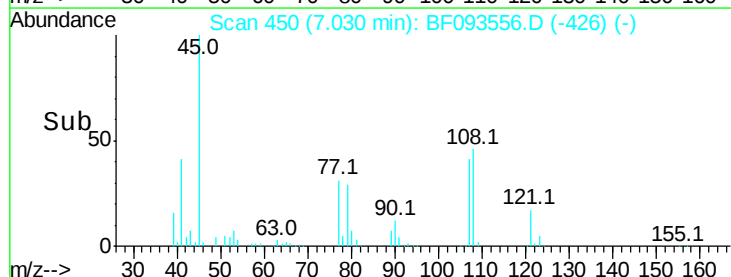
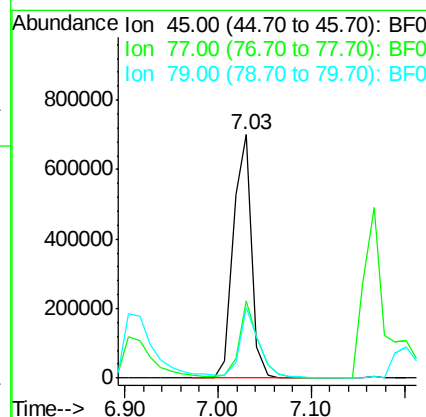
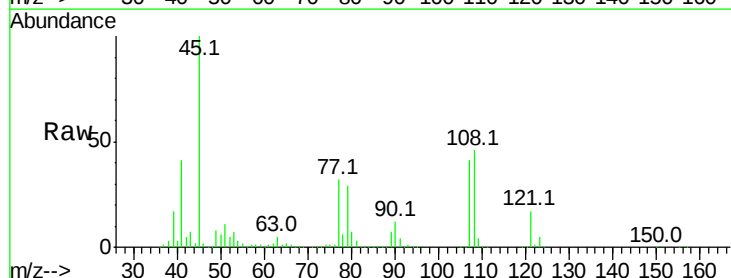
RT: 7.03 min Scan# 450

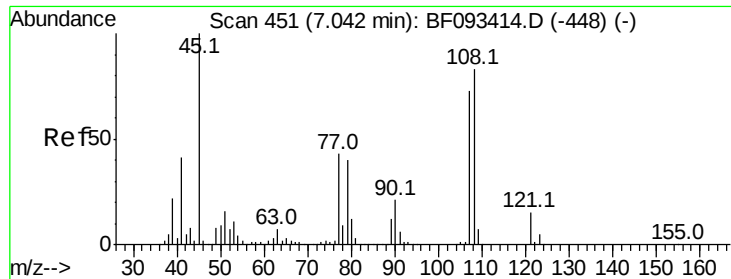
Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Tgt Ion:	45	Resp:	947174
Ion Ratio	Lower	Upper	
45	100		
77	31.5	0.0	34.6
79	29.1	0.0	31.2





#17
2-Methylphenol
Concen: 46.74 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

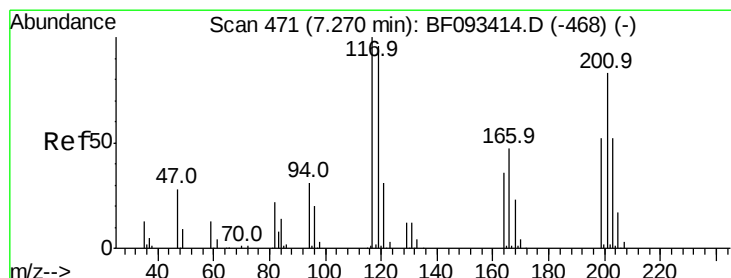
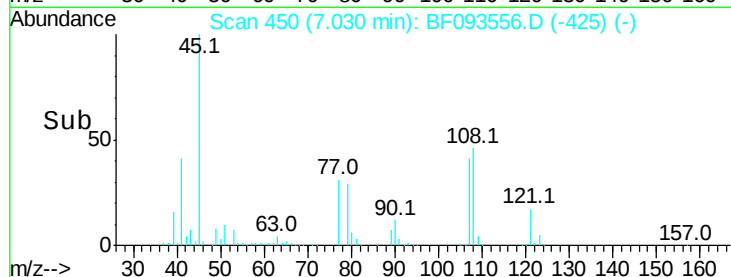
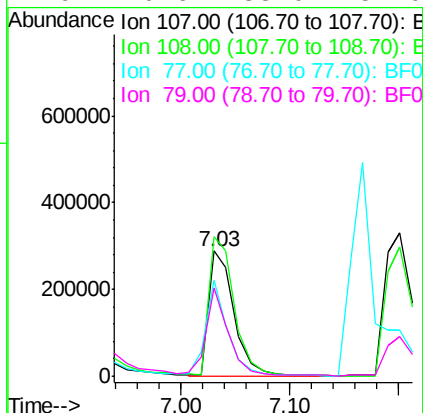
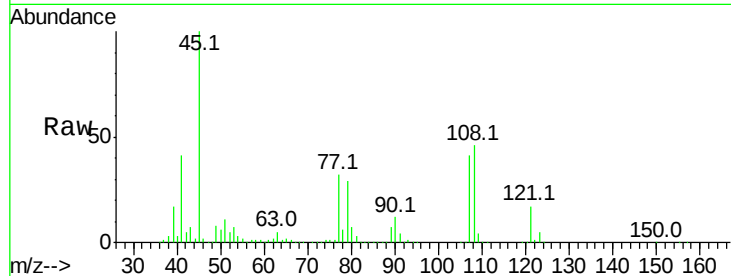
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	93.0	139.6	
77	76.4	39.8	59.8	
79	70.6	38.0	57.0	

Manual Integrations
APPROVED

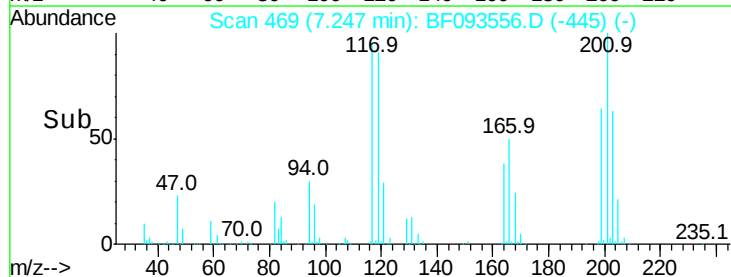
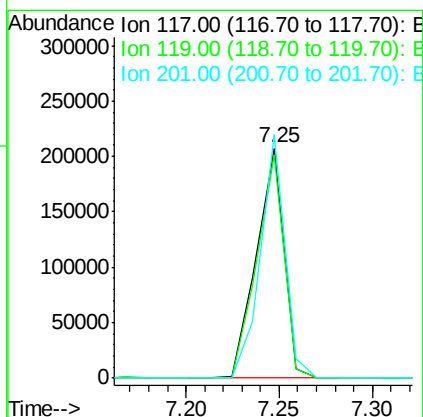
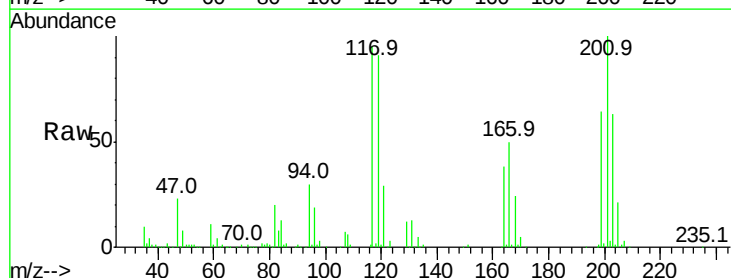
mohammad

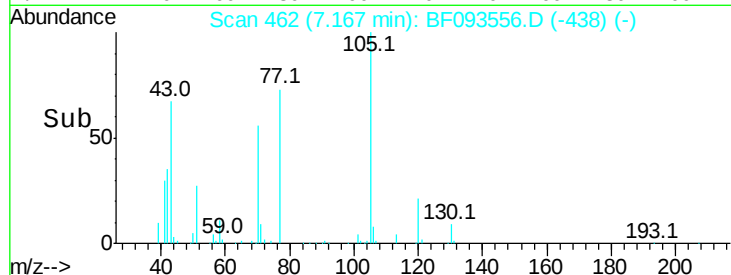
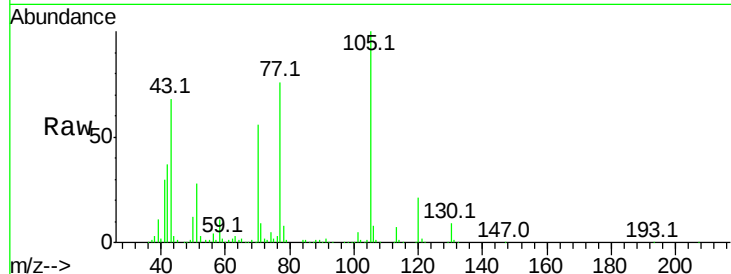
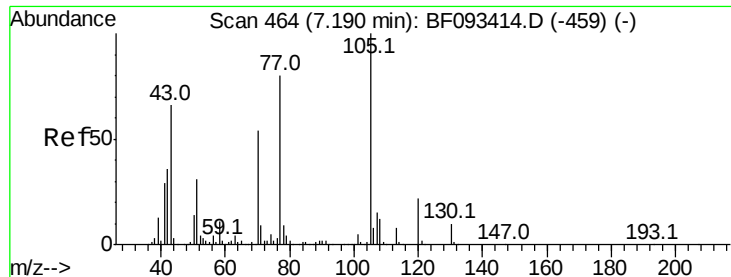
3/13/2017 5:50:40 PM



#18
Hexachloroethane
Concen: 45.56 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.1	117.1	
201	105.8	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 47.01 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

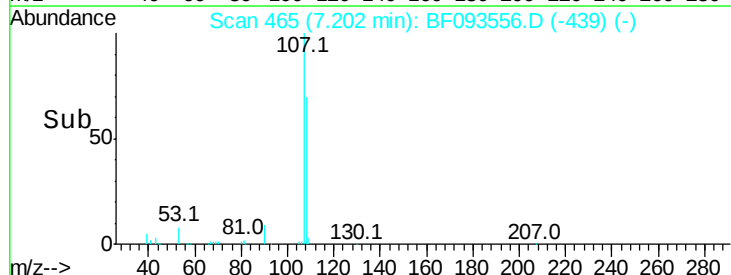
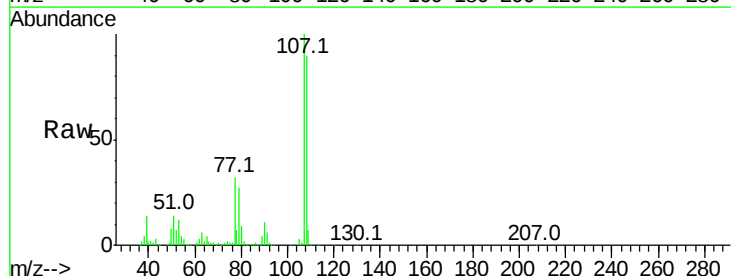
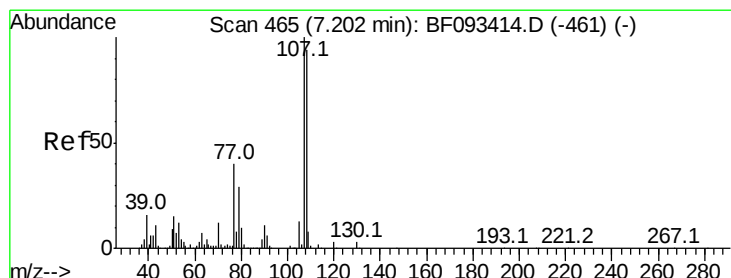
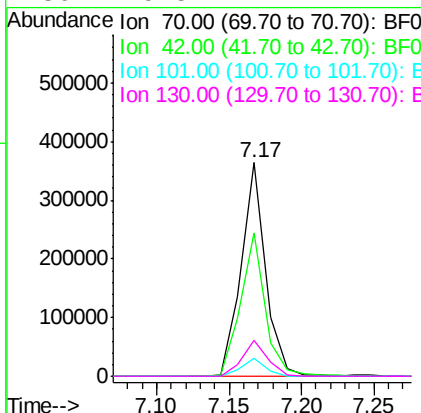
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		426020		
42	66.9	49.4	74.0		
101	8.5	7.4	11.2		
130	16.5	14.2	21.4		

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Manual Integrations
APPROVED

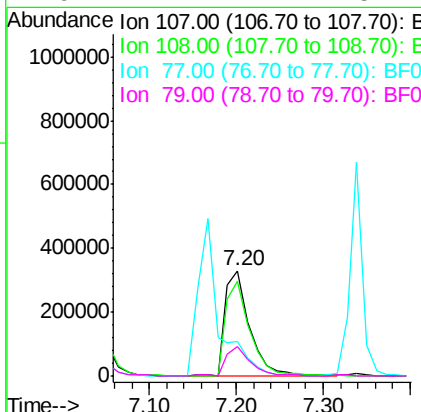
mohammad

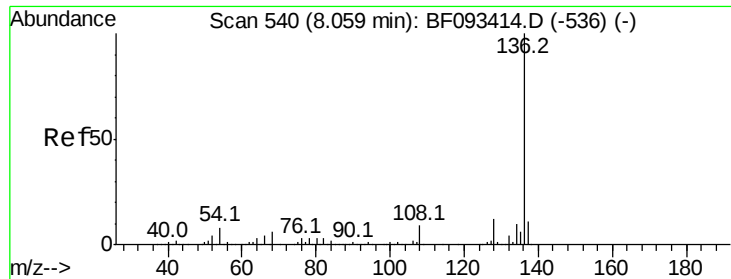
3/13/2017 5:50:40 PM



#20
3+4-Methylphenols
Concen: 50.05 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		643059		
108	90.3	73.0	113.0		
77	32.3	71.3	111.3#		
79	27.4	11.1	51.1		





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

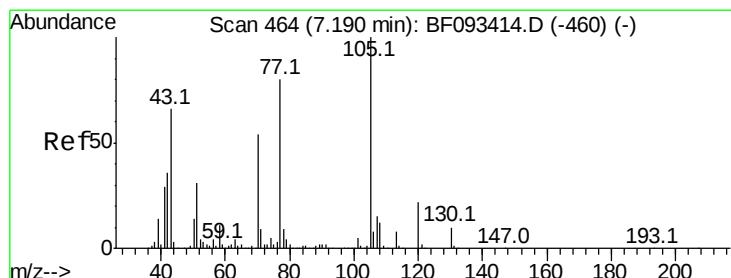
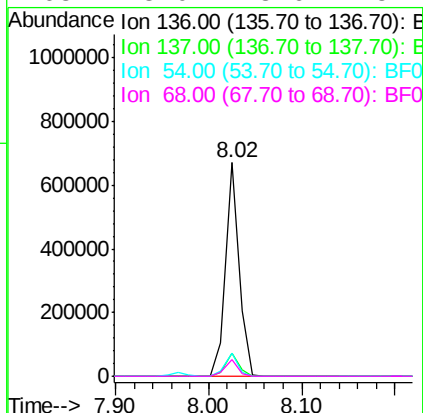
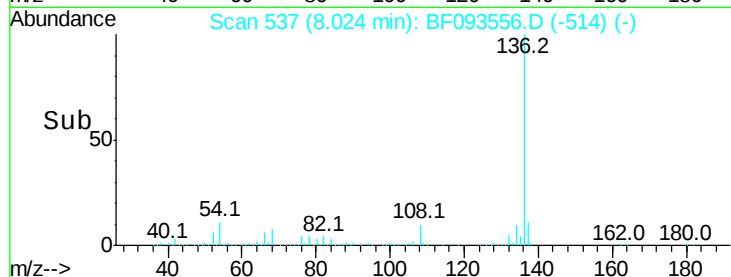
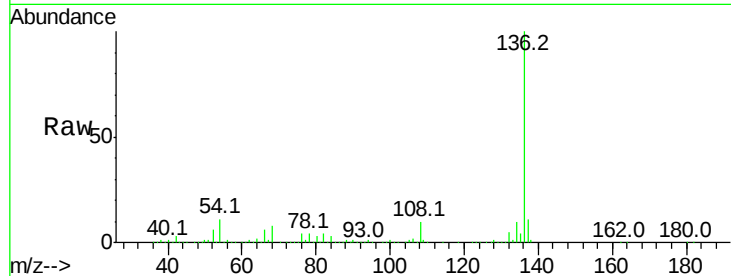
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.4	12.6		
54	11.1	4.5	6.7#		
68	8.0	3.6	5.4#		

Manual Integrations
APPROVED

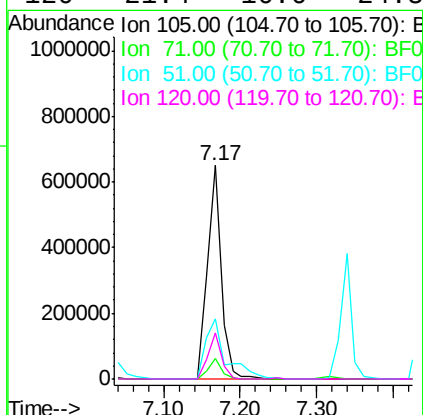
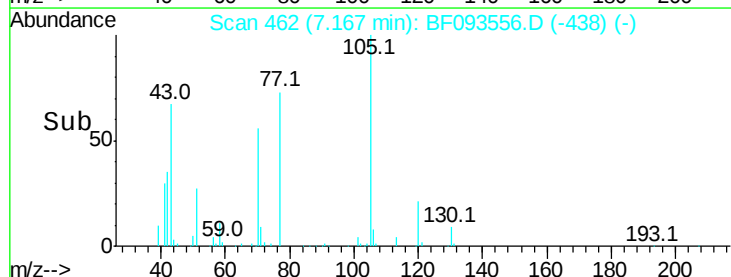
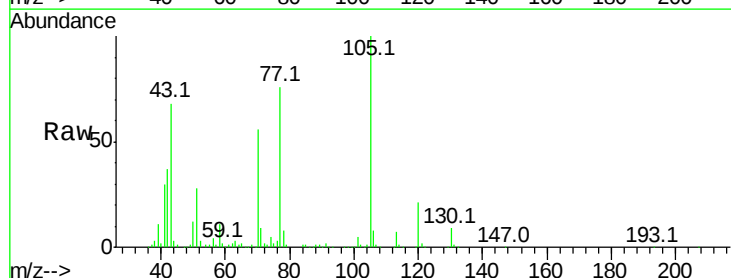
mohammad

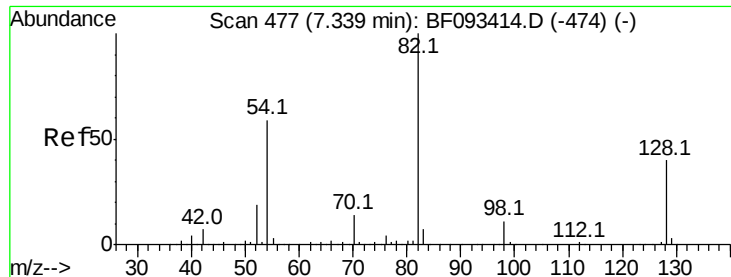
3/13/2017 5:50:40 PM



#22
Acetophenone
Concen: 49.11 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	9.5	3.2	4.8#		
51	28.4	26.2	39.4		
120	21.4	16.6	24.8		





#23
 Nitrobenzene-d5
 Concen: 98.47 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

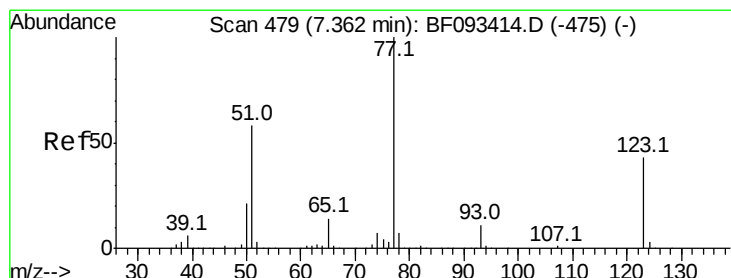
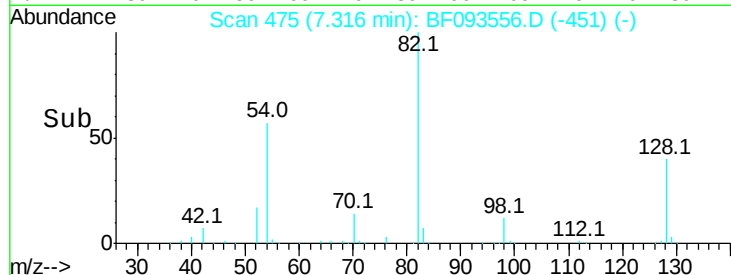
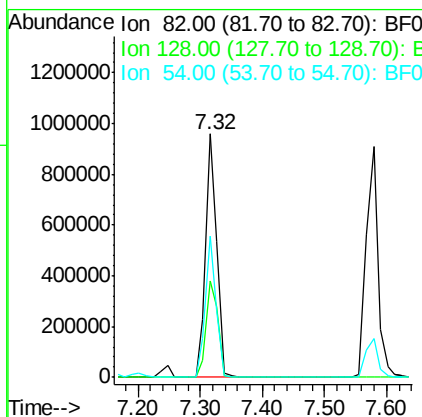
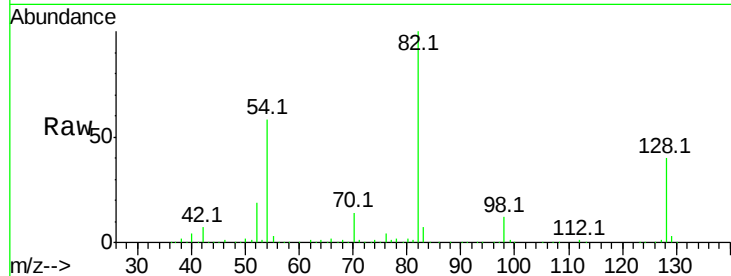
Tot Ion: 82 Resp: 1204711

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	52.0
54	58.2	39.5	59.3

Manual Integrations
 APPROVED

mohammad

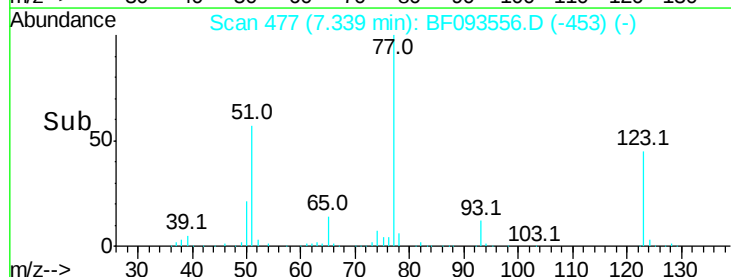
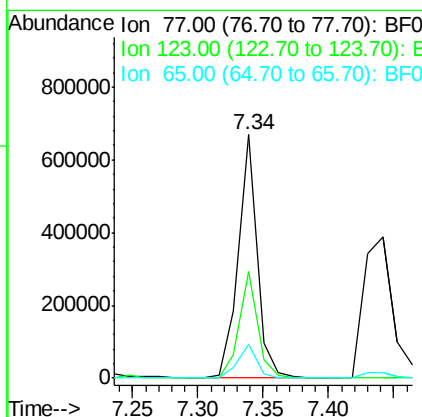
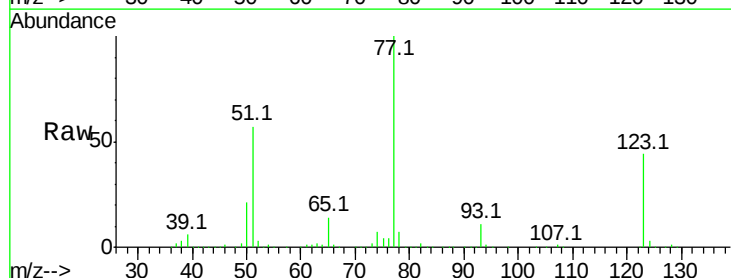
3/13/2017 5:50:40 PM

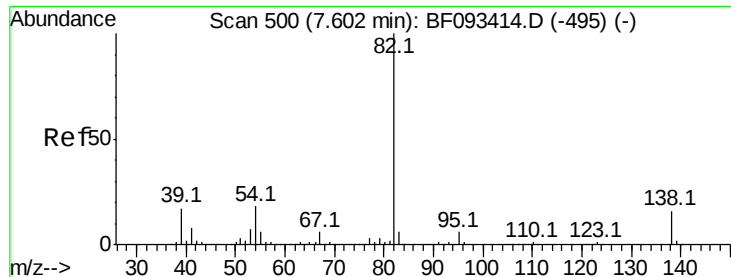


#24
 Nitrobenzene
 Concen: 48.19 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion: 77 Resp: 662550

Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 48.05 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion: 82 Resp: 1185318

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

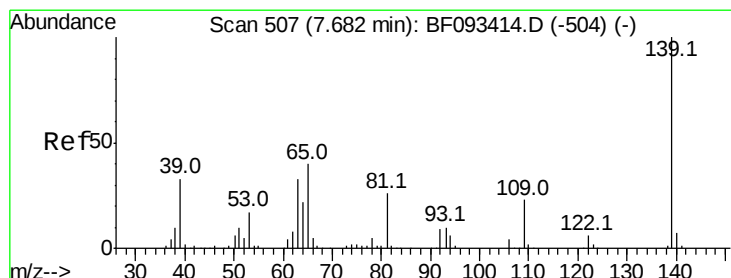
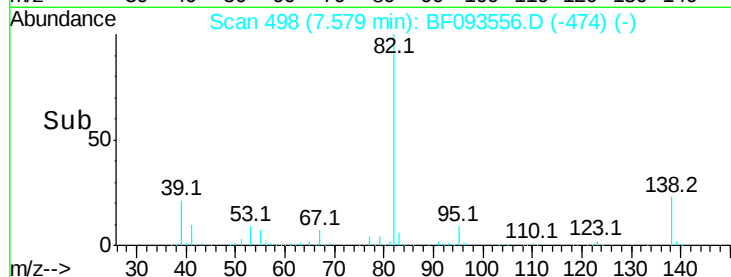
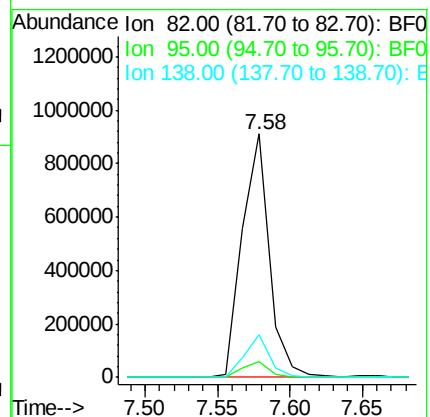
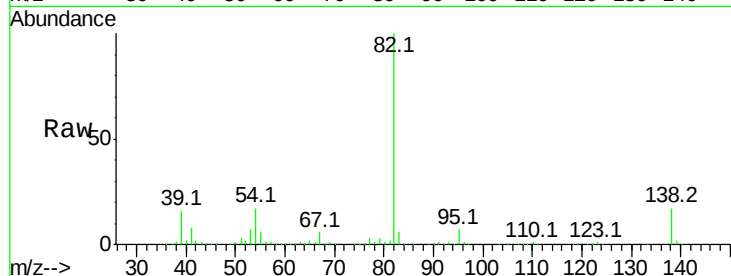
138 17.5 14.6 22.0

Manual Integrations

APPROVED

mohammad

3/13/2017 5:50:40 PM



#26

2-Nitrophenol

Concen: 47.91 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

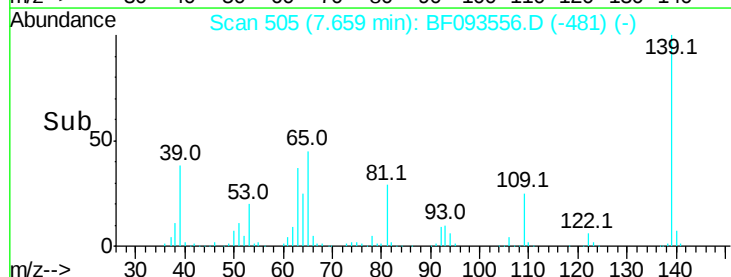
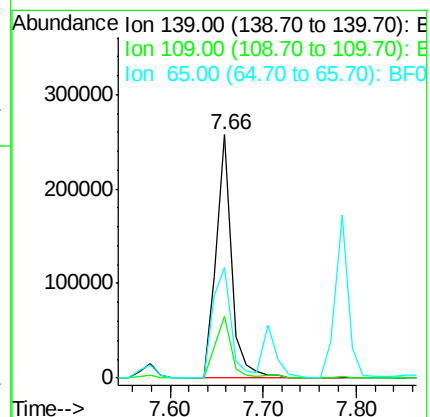
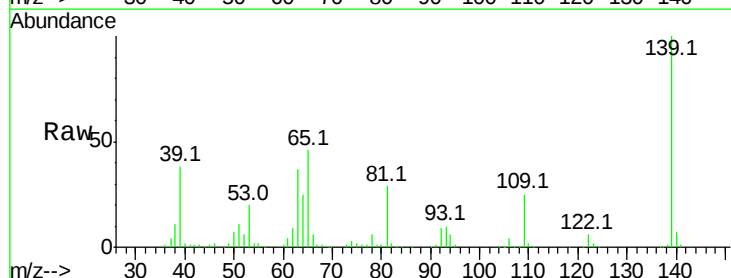
Tgt Ion: 139 Resp: 300560

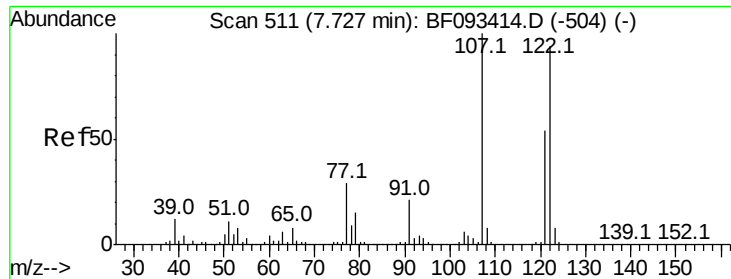
Ion Ratio Lower Upper

139 100

109 25.3 23.3 34.9

65 45.5 42.7 64.1





#27
2,4-Dimethylphenol
Concen: 46.99 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

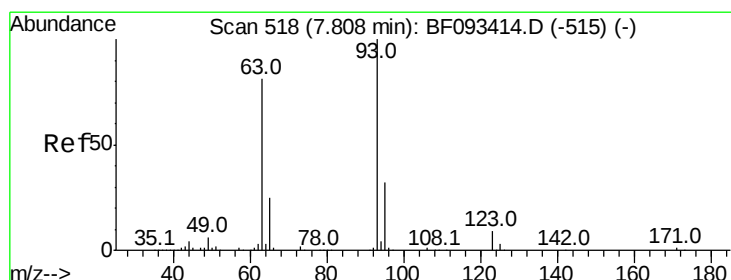
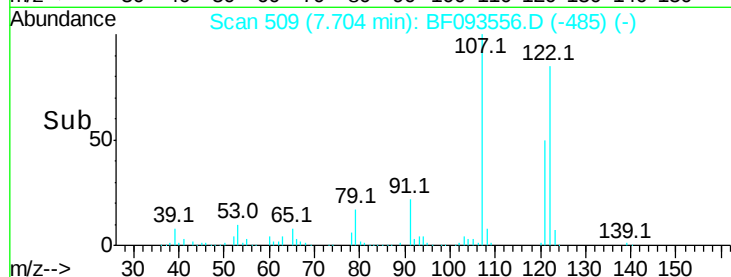
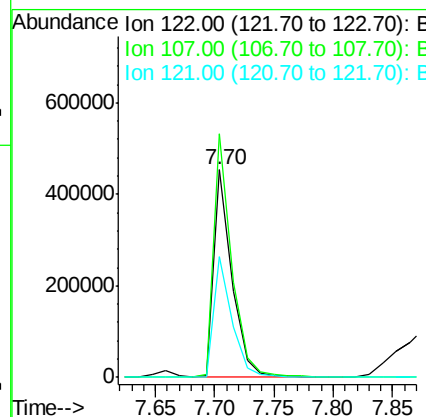
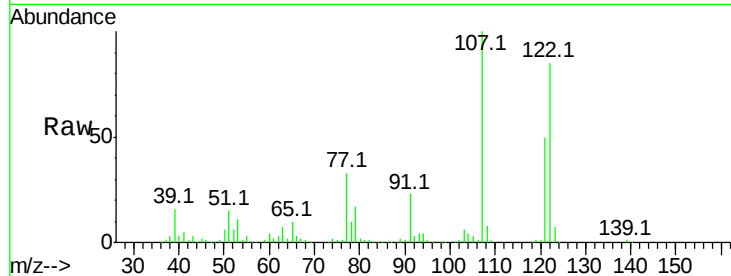
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	94.1	141.1
121	58.3	46.0	69.0

Manual Integrations
APPROVED

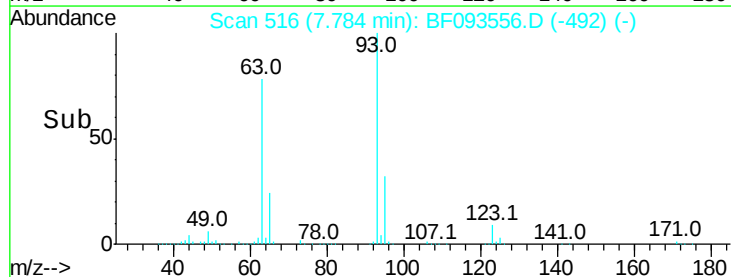
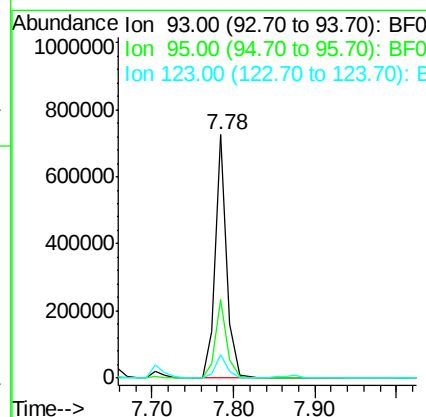
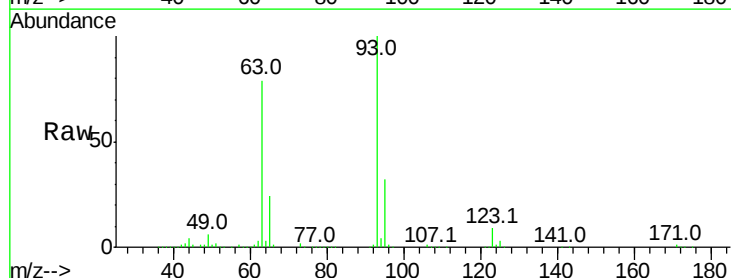
mohammad

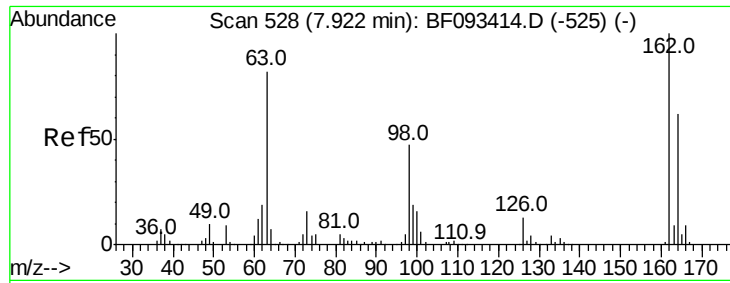
3/13/2017 5:50:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.19 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	9.5	8.6	13.0





#29
 2,4-Dichlorophenol
 Concen: 51.81 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

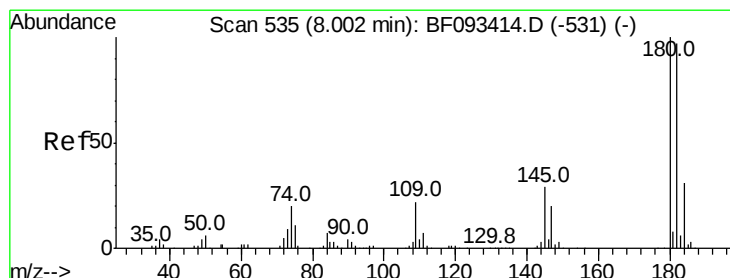
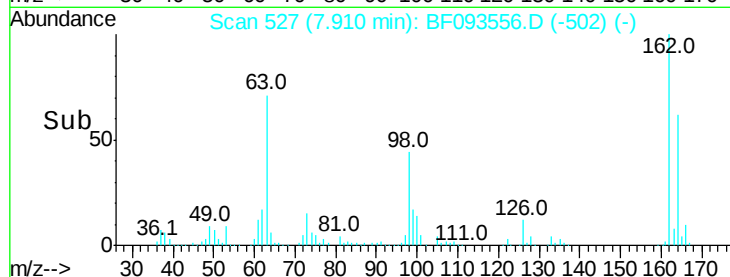
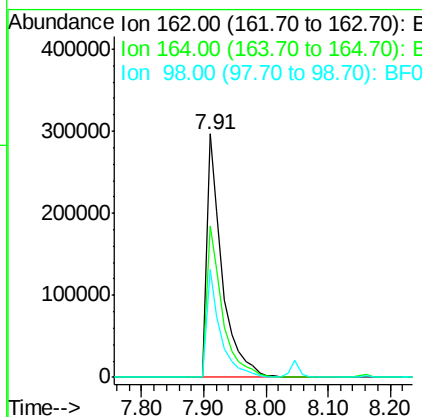
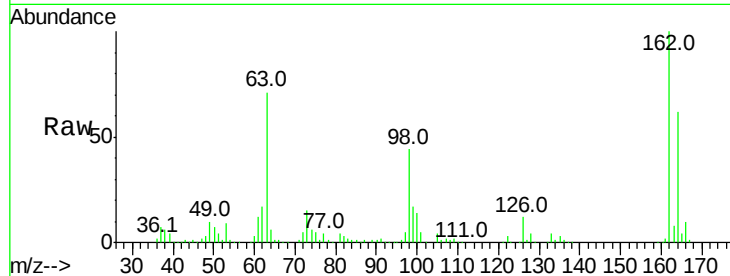
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion:	162	Resp:	497422
Ion Ratio	Lower	Upper	
162	100		
164	62.1	46.8	86.8
98	44.2	9.1	49.1

Manual Integrations
 APPROVED

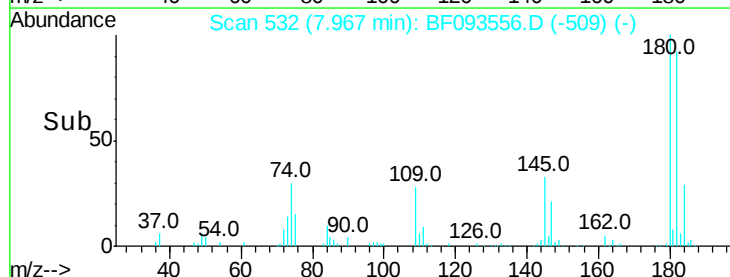
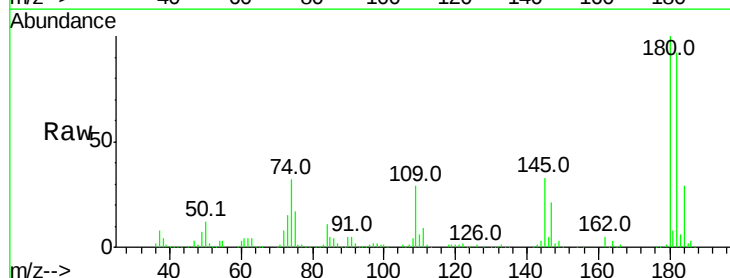
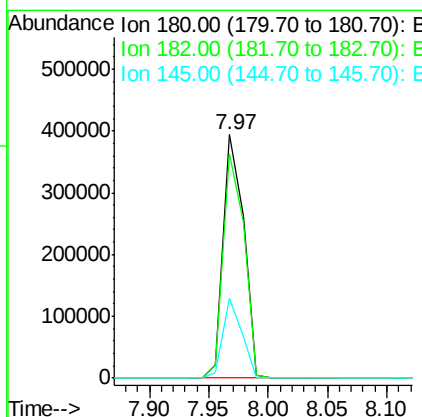
mohammad

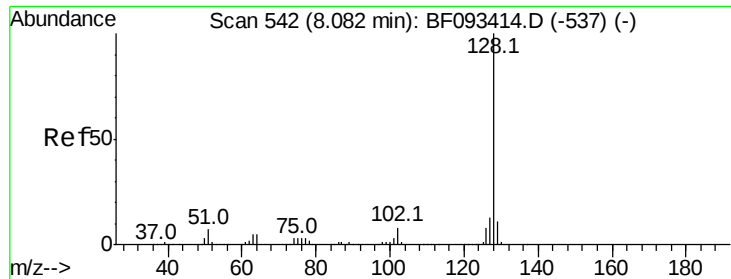
3/13/2017 5:50:40 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.08 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:	180	Resp:	470446
Ion Ratio	Lower	Upper	
180	100		
182	92.3	78.2	117.4
145	32.5	21.6	32.4#





#31
Naphthalene
Concen: 44.39 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

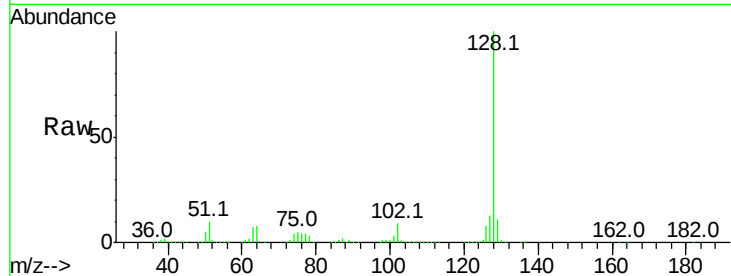
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:128 Resp: 1510138
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 10.8 16.2

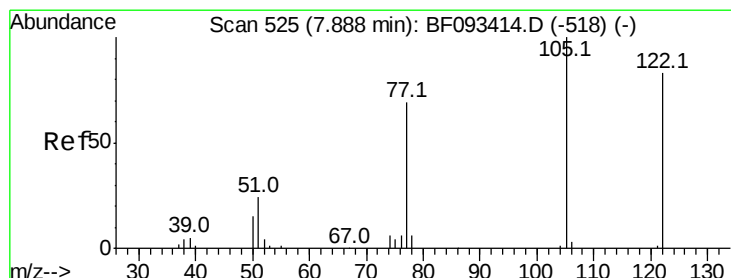
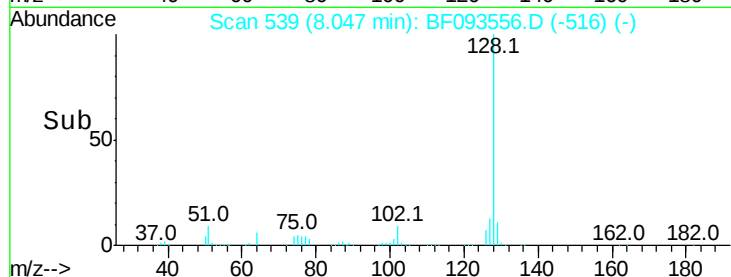
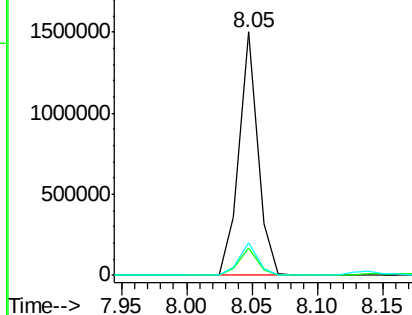
Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM

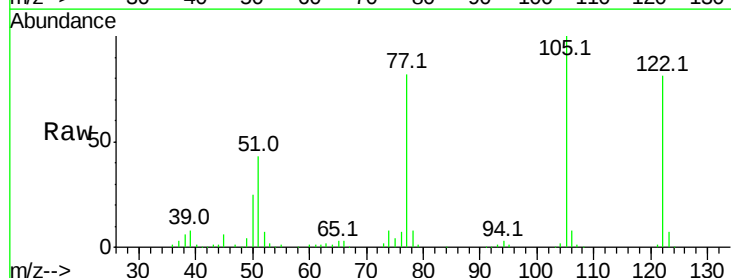


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
1500000 Ion 127.00 (126.70 to 127.70): E

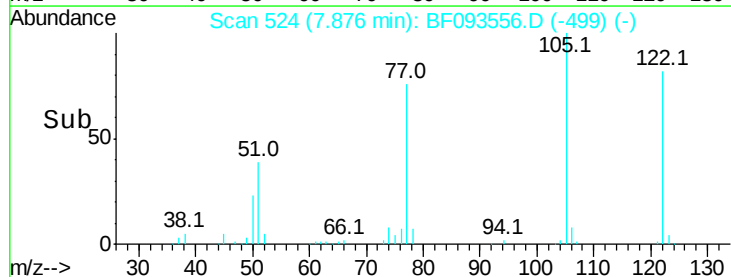
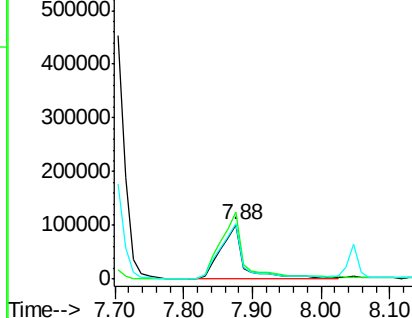


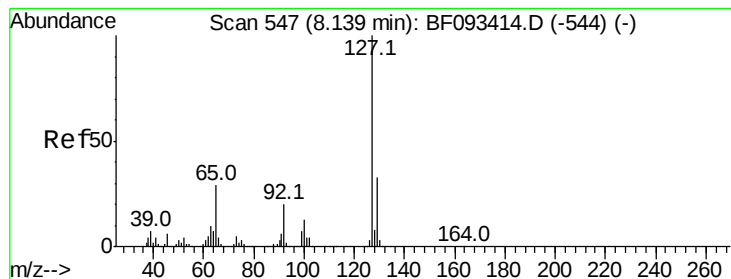
#32
Benzoic acid
Concen: 45.70 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:122 Resp: 242344
Ion Ratio Lower Upper
122 100
105 122.9 107.2 147.2
77 100.5 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
500000 Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 4.08 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

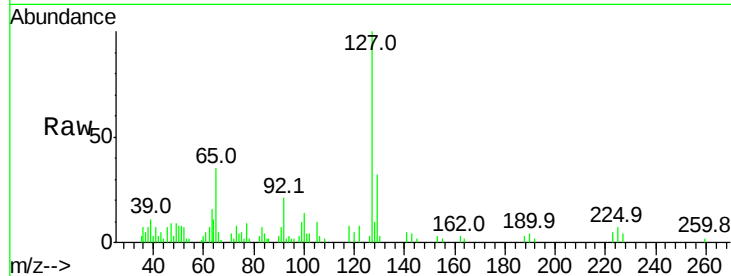
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	34.7	25.8	38.8		
92	21.1	16.1	24.1		

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



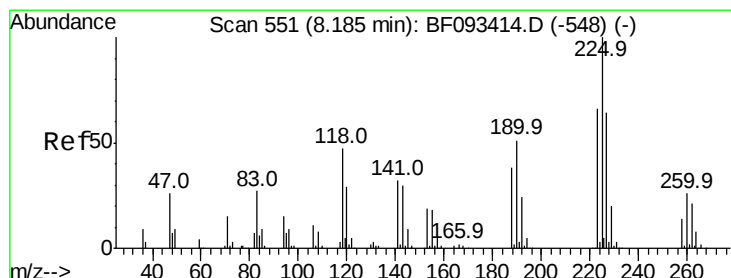
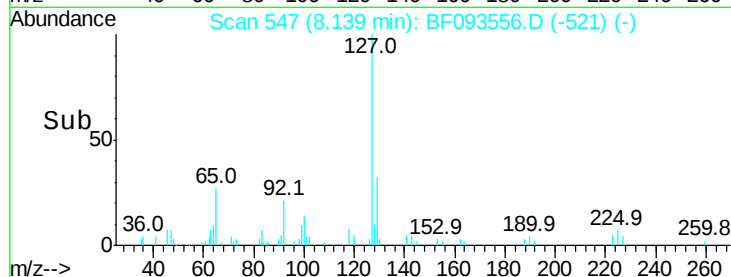
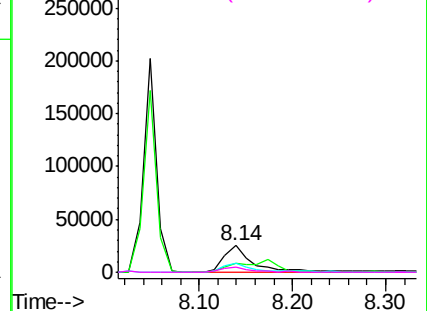
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 48.11 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

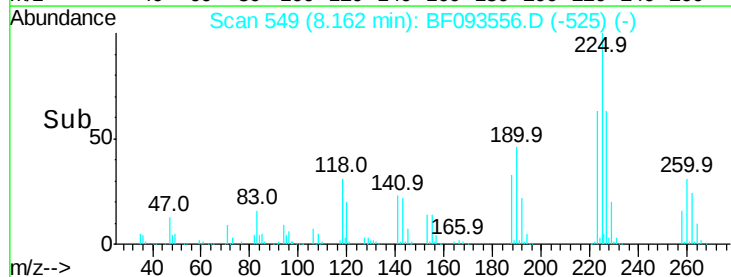
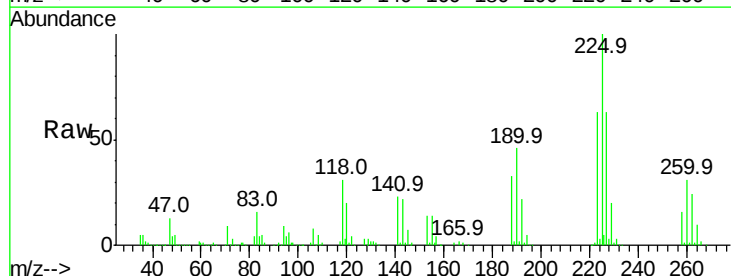
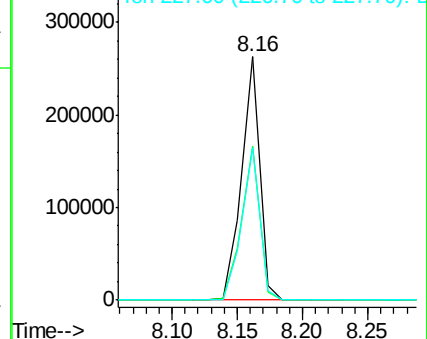
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.0	76.6		
227	62.6	50.6	76.0		

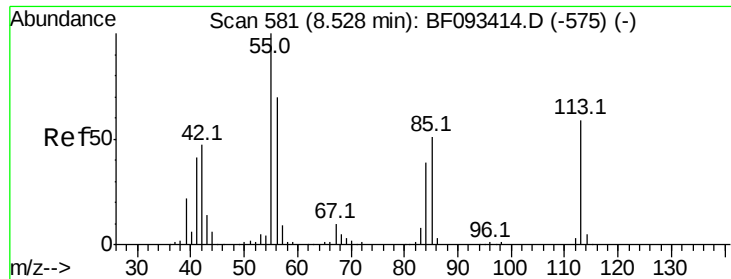
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.18 ng/ml

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleID :

TP-9-COMP-0-12FTMS

Tot Ion:113 Resp: 131744

Ion Ratio Lower Upper

113 100

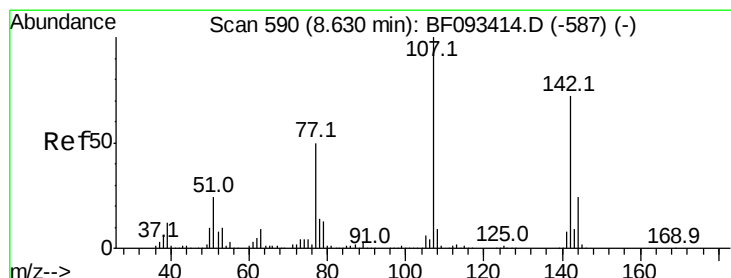
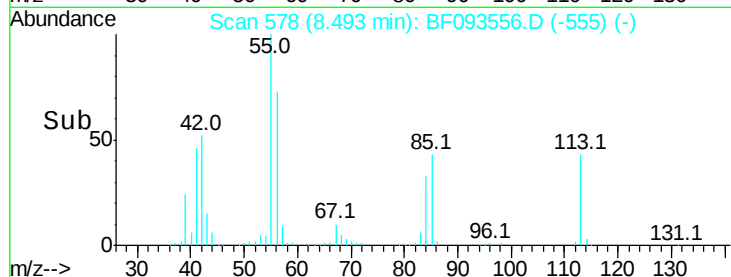
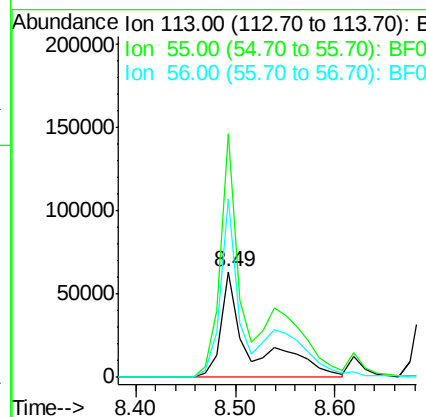
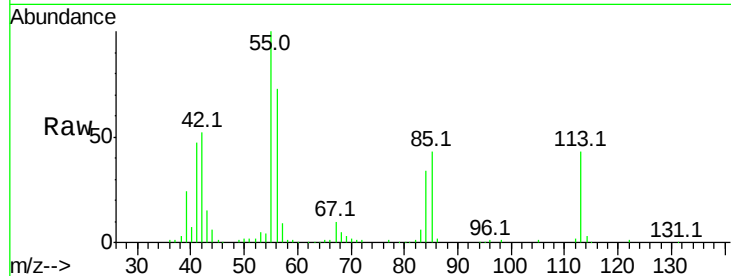
55 231.0 119.2 159.2#

56 168.6 83.8 123.8#

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



#36

4-Chloro-3-methylphenol

Concen: 48.11 ng/ml

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

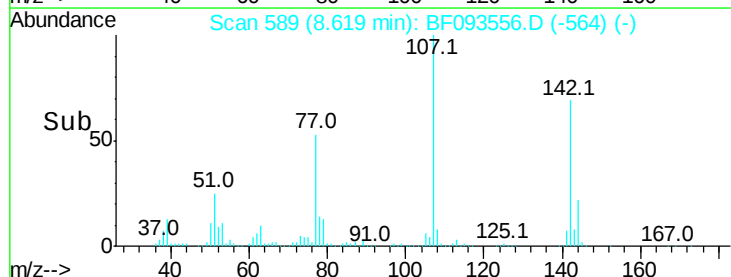
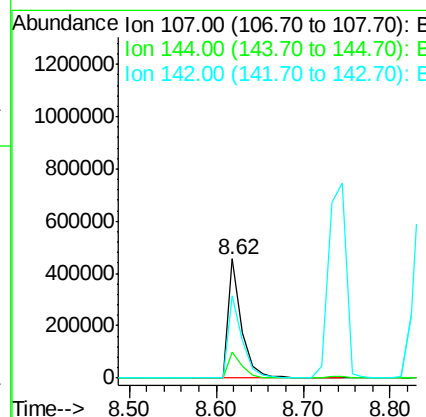
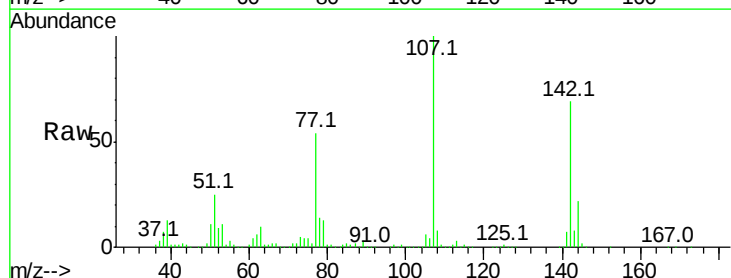
Tgt Ion:107 Resp: 493033

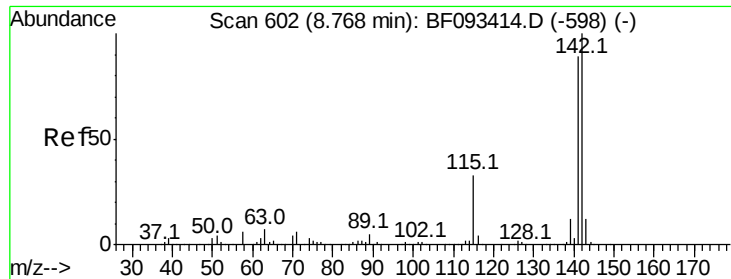
Ion Ratio Lower Upper

107 100

144 22.1 19.3 28.9

142 69.2 59.0 88.6





#37
2-Methylnaphthalene
Concen: 47.22 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

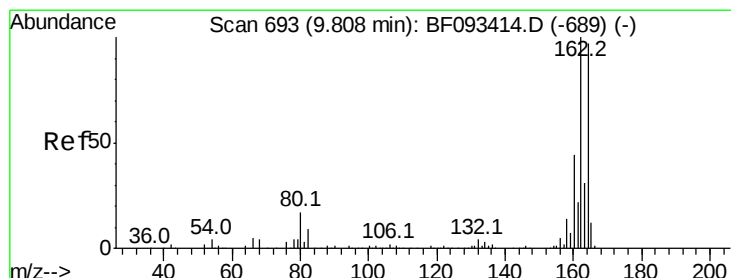
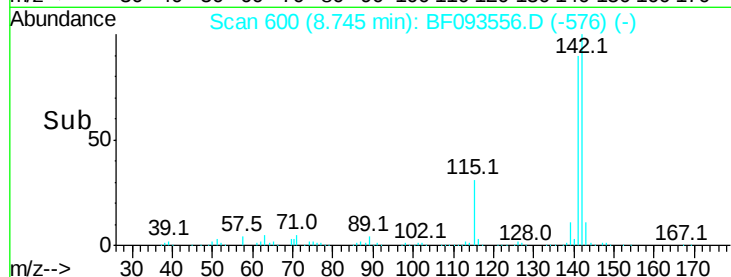
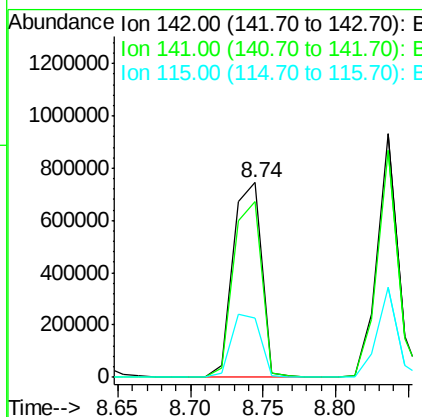
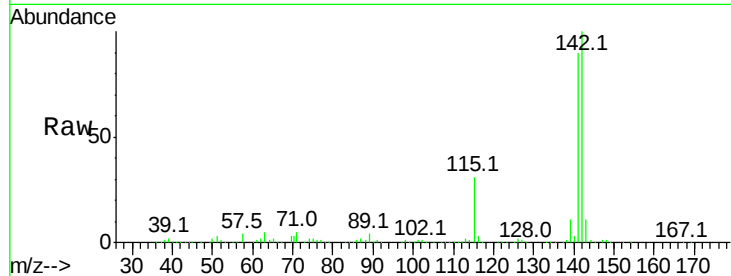
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:142 Resp: 1021932
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 30.6 28.3 42.5

Manual Integrations
APPROVED

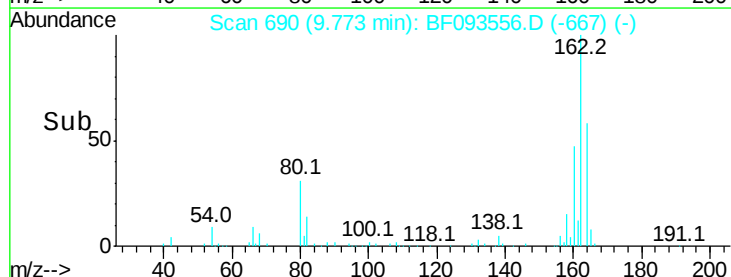
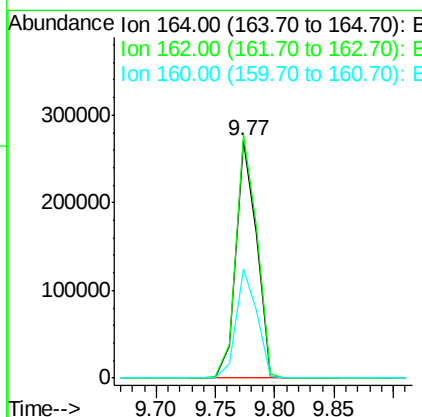
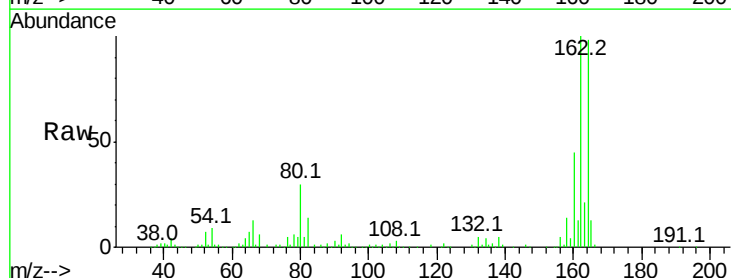
mohammad

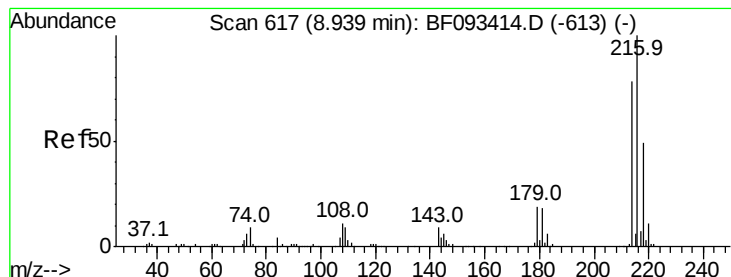
3/13/2017 5:50:40 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:164 Resp: 328459
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 45.7 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.87 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

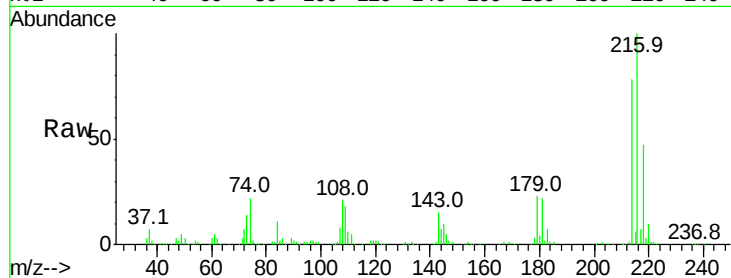
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	438300		
214	78.4	63.4	95.0	
179	21.9	17.4	26.2	
108	22.5	15.6	23.4	

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM

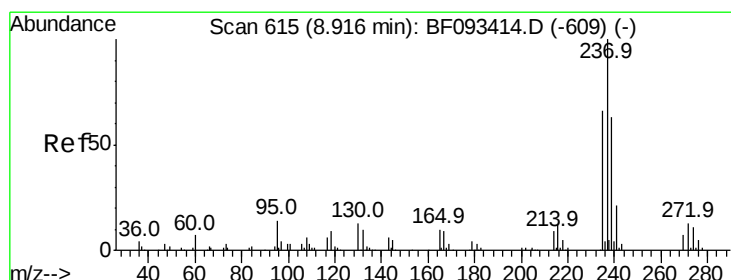
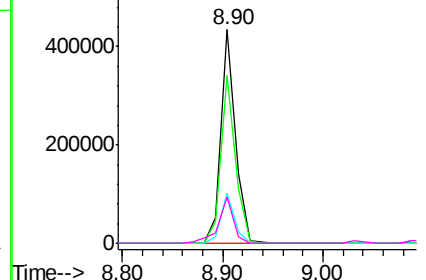
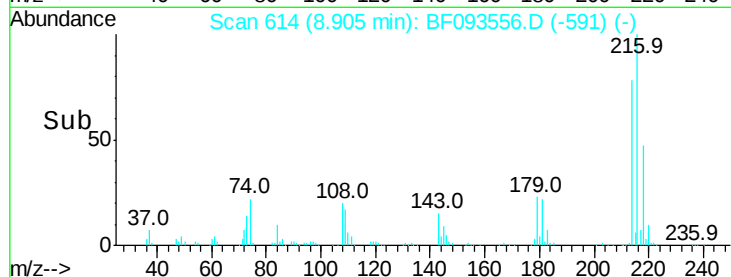


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 107.40 ng

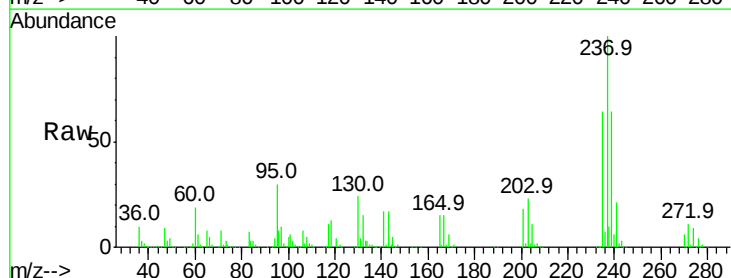
RT: 8.88 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

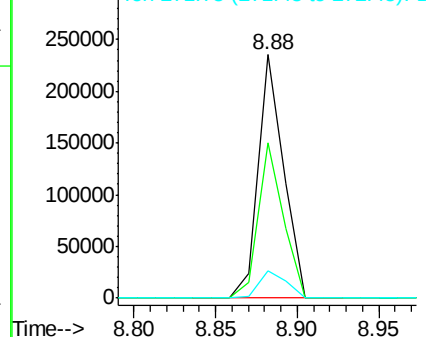
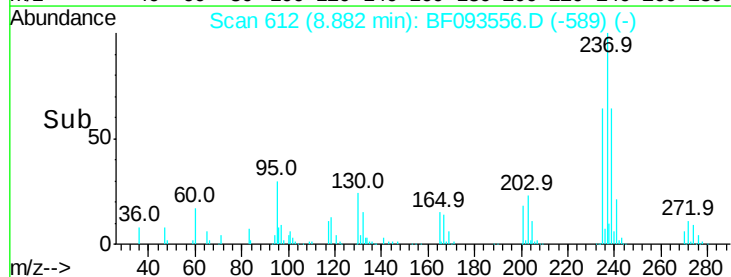
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	254098		
235	63.7	41.2	81.2	
272	11.1	0.0	35.4	

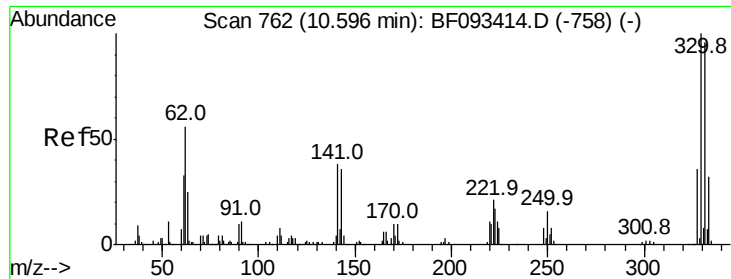


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 141.78 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

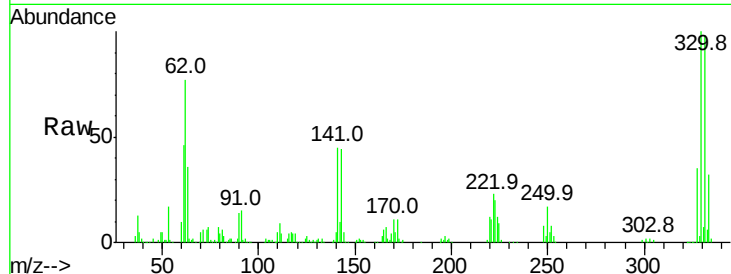
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	303399		
332	97.7		77.4	116.2
141	43.4		34.1	51.1

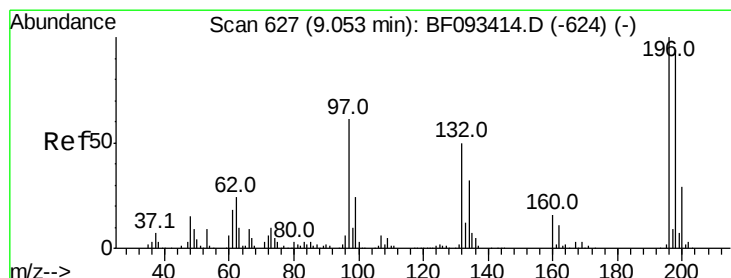
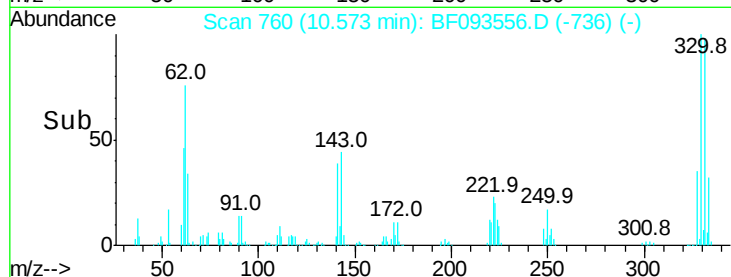
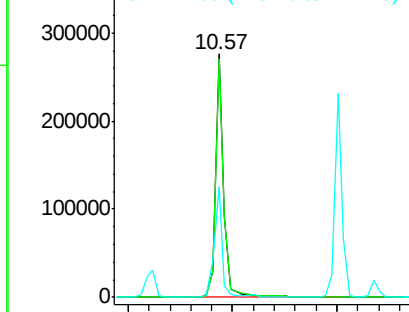
Manual Integrations
 APPROVED

mohammad

3/13/2017 5:50:40 PM



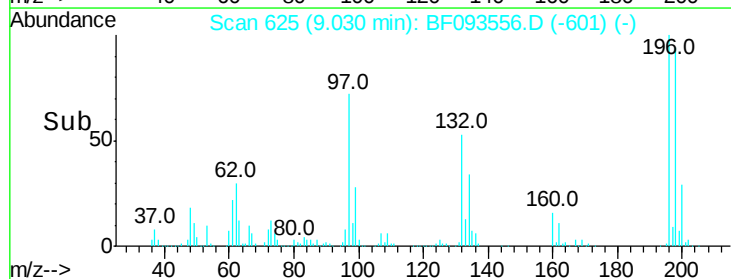
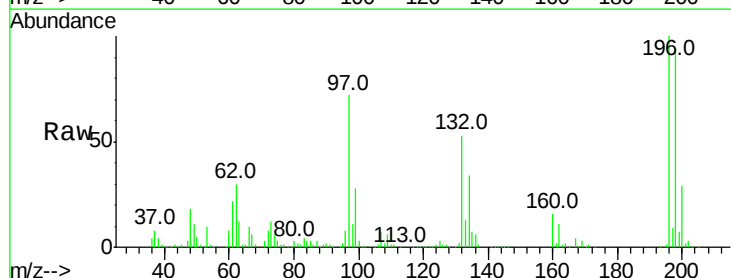
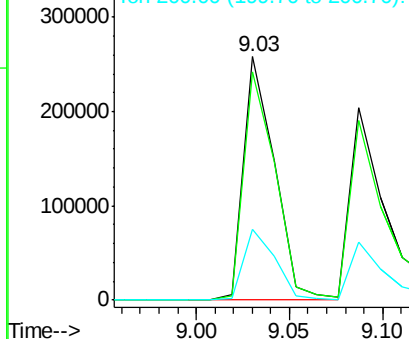
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

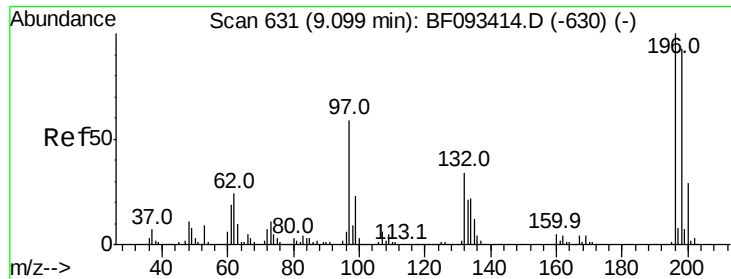


#42
 2,4,6-Trichlorophenol
 Concen: 53.34 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298893		
198	93.7		82.1	123.1
200	29.2		27.0	40.4

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: 47.42 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

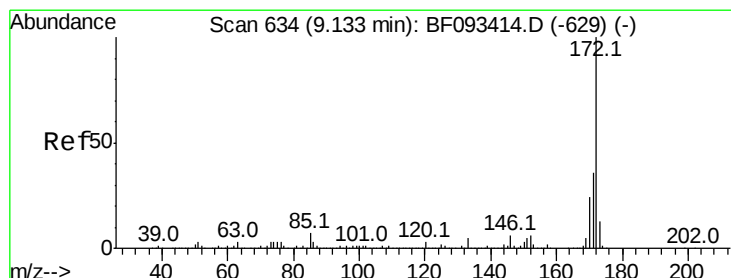
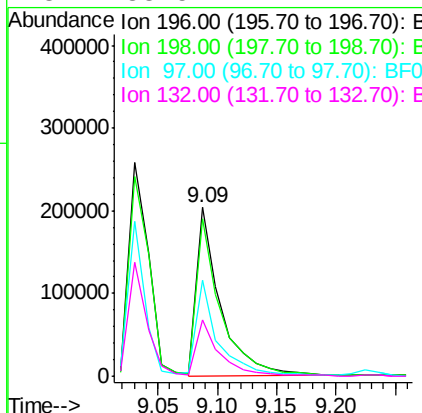
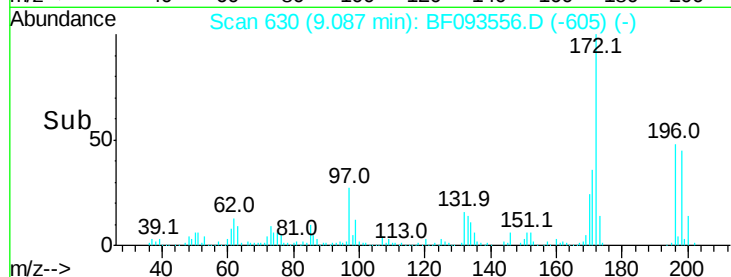
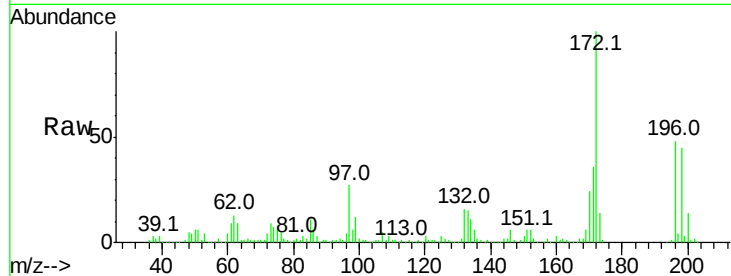
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		285101		
198	93.5	79.4	119.2		
97	57.3	51.5	77.3		
132	33.5	27.4	41.2		

Manual Integrations
 APPROVED

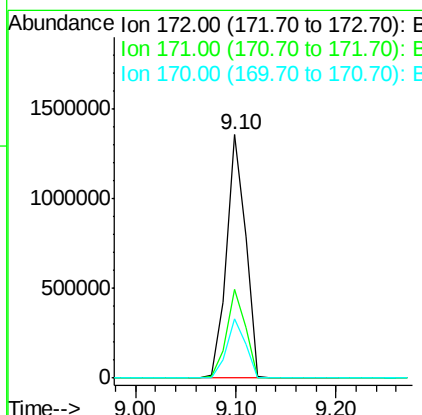
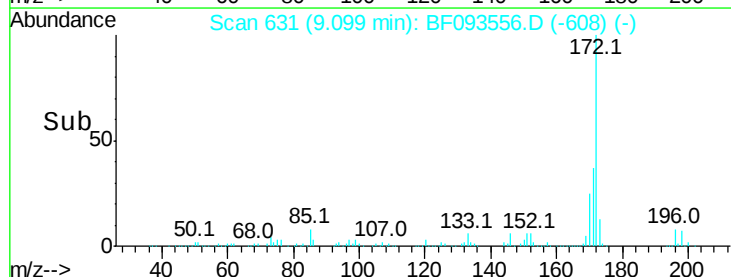
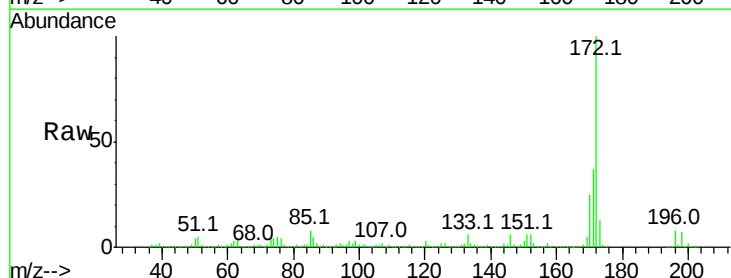
mohammad

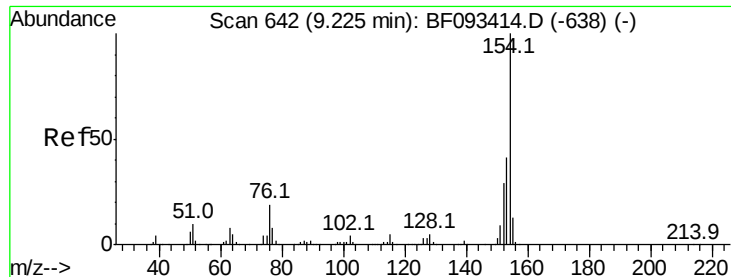
3/13/2017 5:50:40 PM



#44
 2-Fluorobiphenyl
 Concen: 101.10 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1785342		
171	36.6	29.4	44.0		
170	24.6	20.2	30.4		





#45
 1,1'-Biphenyl
 Concen: 49.72 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

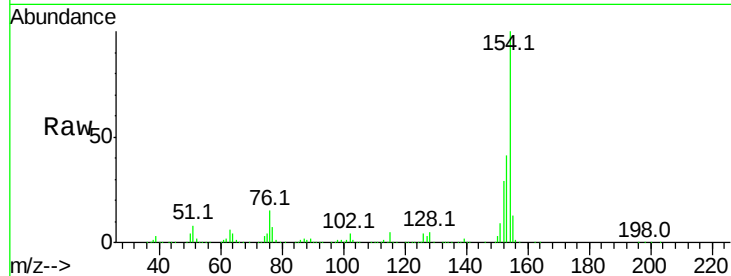
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	15.3	0.0	30.5

Manual Integrations
 APPROVED

mohammad

3/13/2017 5:50:40 PM

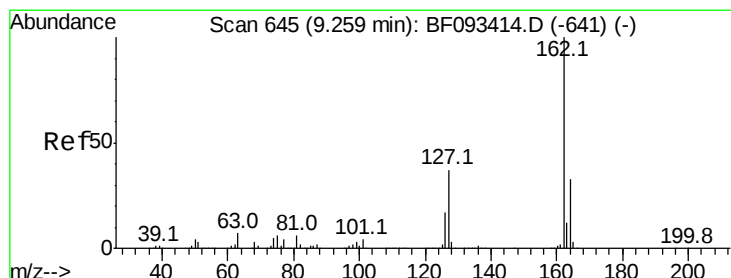
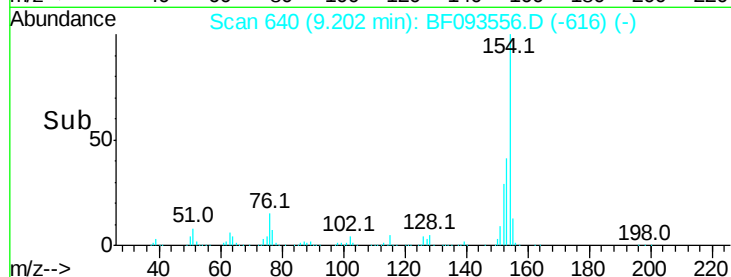
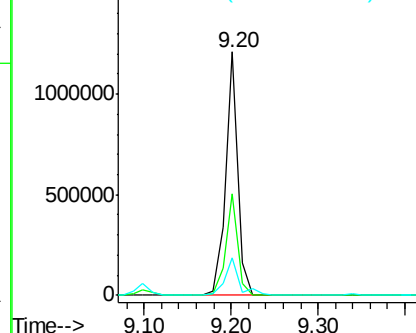


Abundance

Ion 154.00 (153.70 to 154.70): E

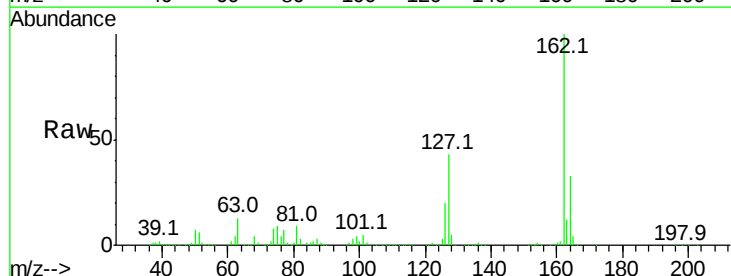
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 52.87 ng
 RT: 9.22 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	30.7	46.1
164	33.0	27.6	41.4

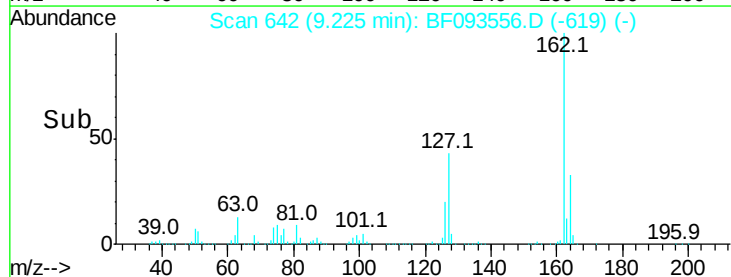
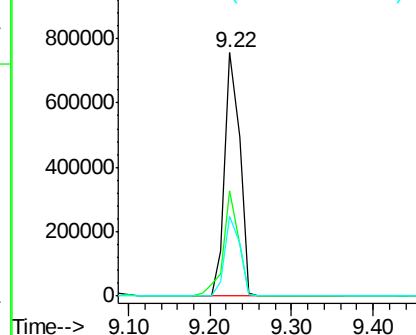


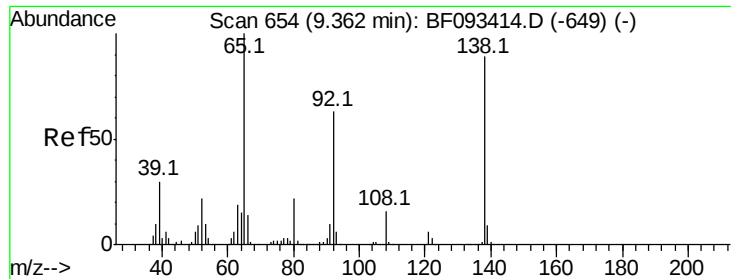
Abundance

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: 49.83 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

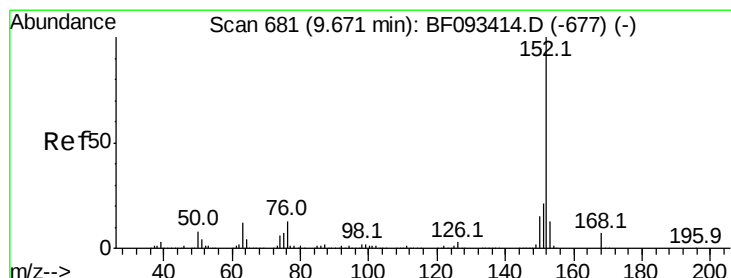
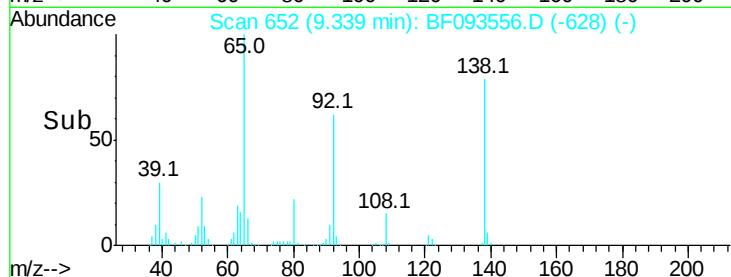
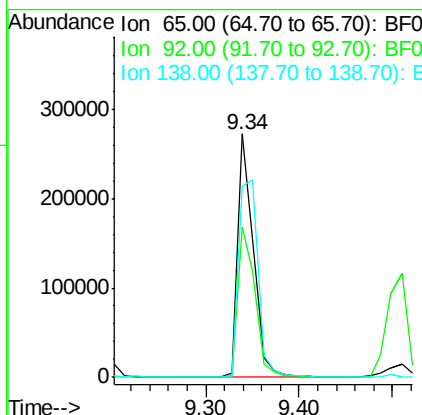
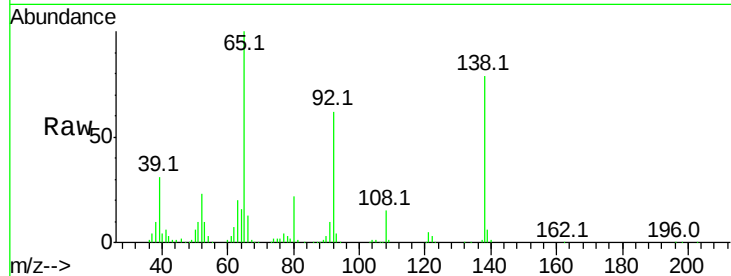
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion: 65 Resp: 322629
Ion Ratio Lower Upper
65 100
92 61.5 53.9 80.9
138 78.7 76.8 115.2

Manual Integrations
APPROVED

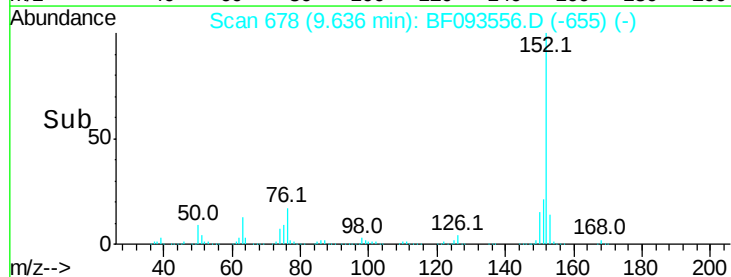
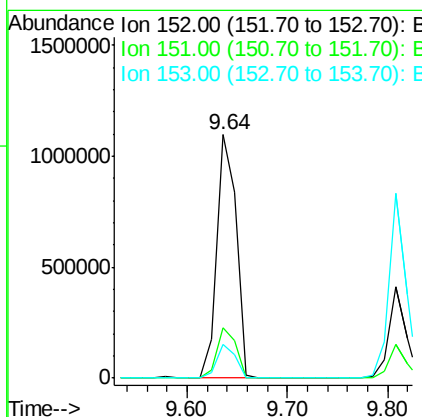
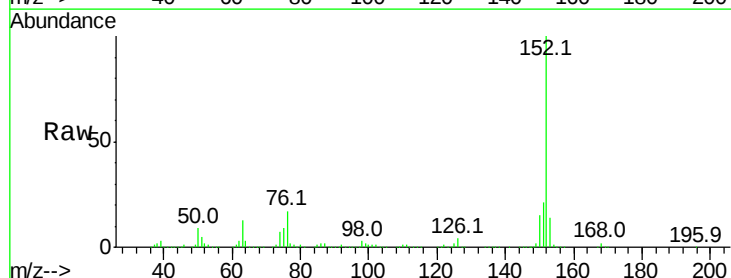
mohammad

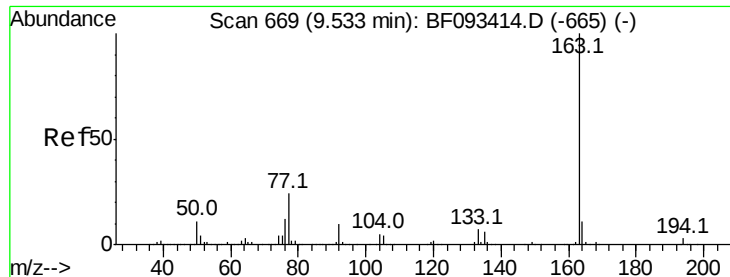
3/13/2017 5:50:40 PM



#48
Acenaphthylene
Concen: 48.45 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion: 152 Resp: 1463376
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.8 11.4 17.2





#49
Dimethylphthalate
Concen: 51.66 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

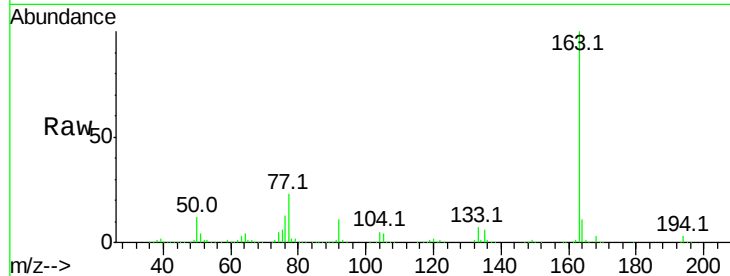
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:163 Resp: 1124860
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.6 8.0 12.0

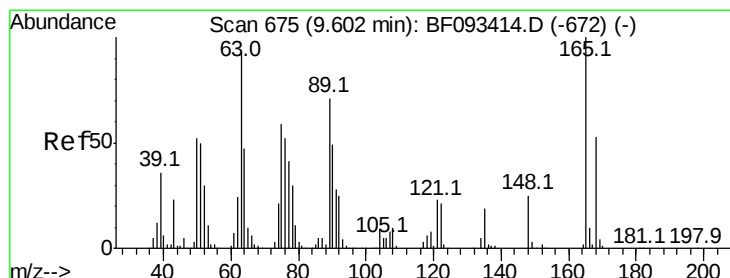
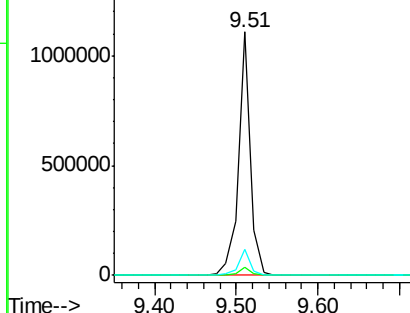
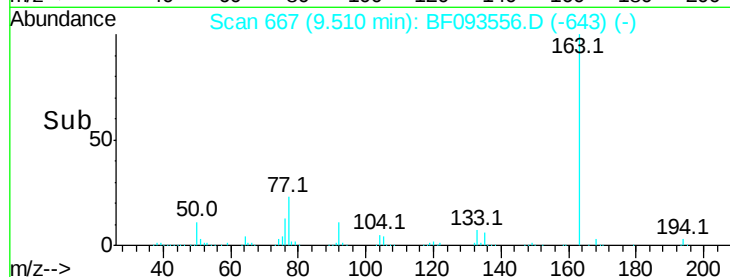
Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM

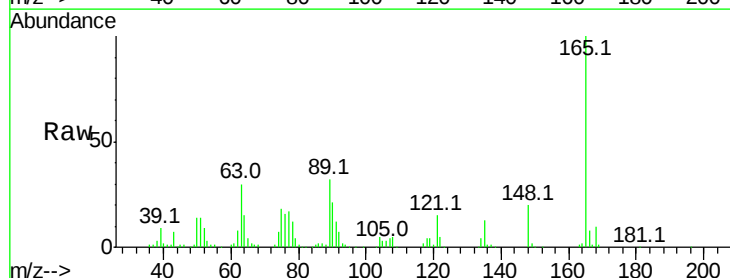


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

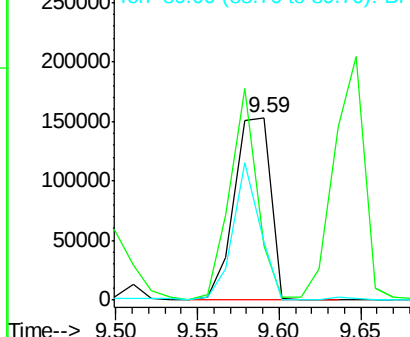
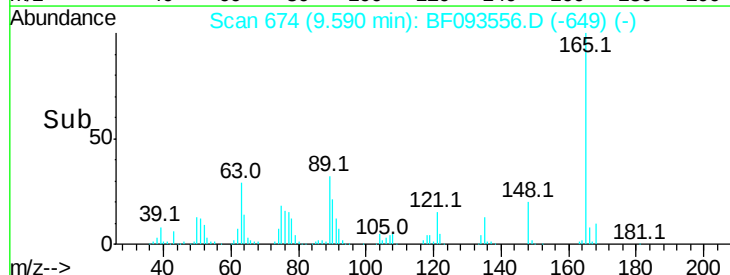


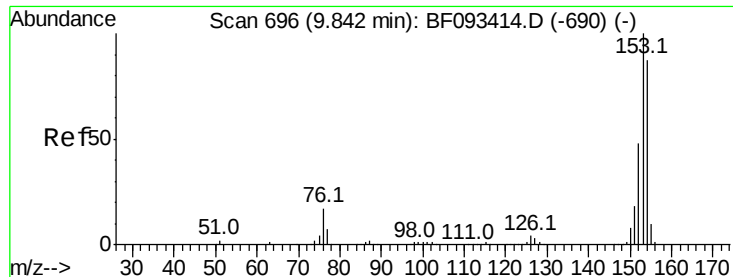
#50
2,6-Dinitrotoluene
Concen: 49.42 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:165 Resp: 236154
Ion Ratio Lower Upper
165 100
63 29.5 36.2 54.4#
89 31.8 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51
Acenaphthene
Concen: 47.41 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

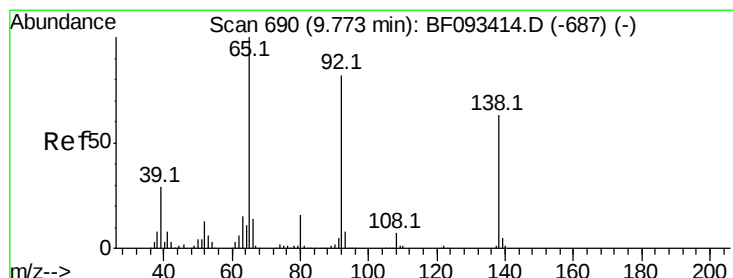
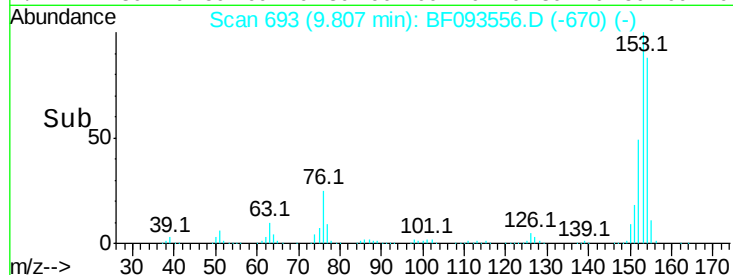
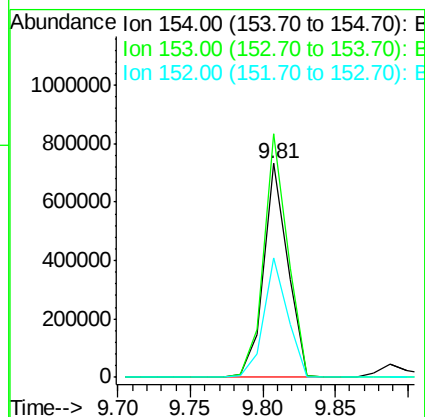
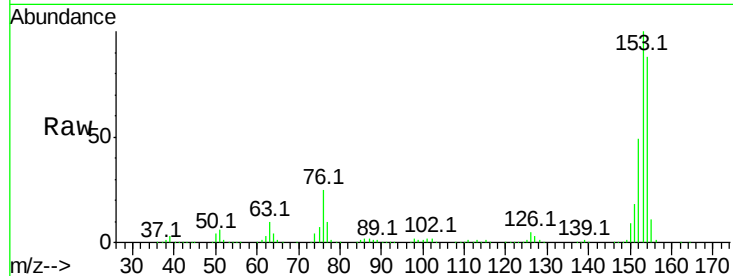
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:154 Resp: 846776
Ion Ratio Lower Upper
154 100
153 113.7 88.6 133.0
152 56.0 41.6 62.4

Manual Integrations
APPROVED

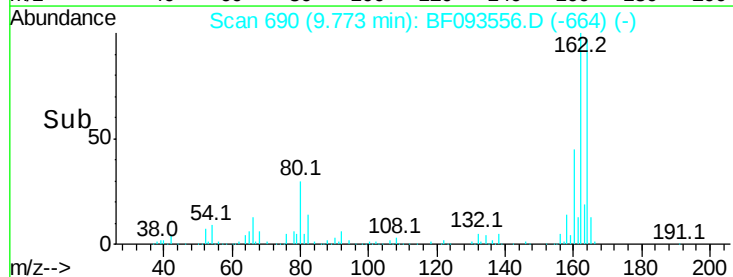
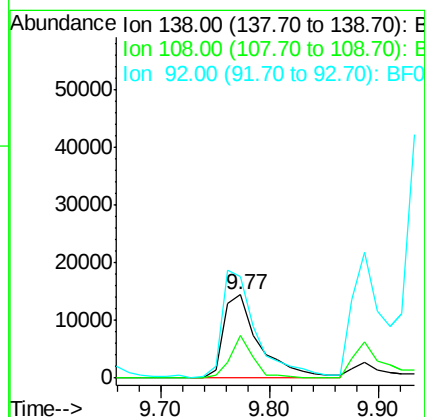
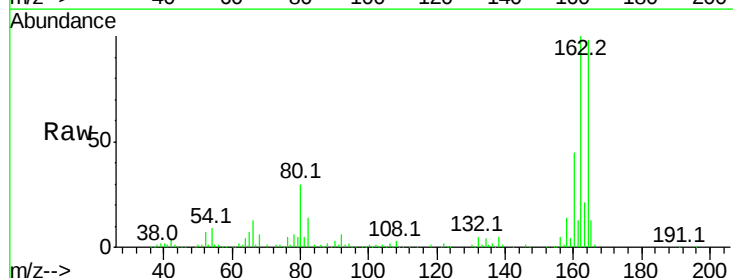
mohammad

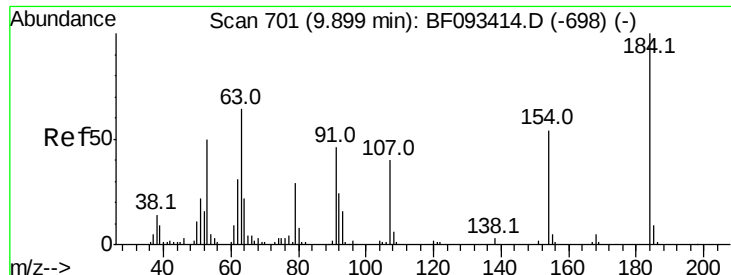
3/13/2017 5:50:40 PM



#52
3-Nitroaniline
Concen: 5.77 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:138 Resp: 33108
Ion Ratio Lower Upper
138 100
108 51.5 8.5 12.7#
92 121.9 97.8 146.8





#53
2,4-Dinitrophenol
Concen: 90.69 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

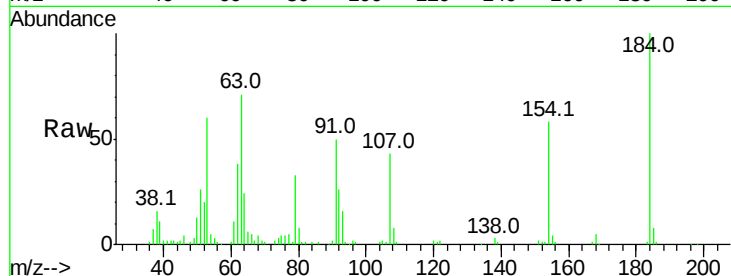
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	197331		
63	71.4	28.4	42.6#	
154	57.8	44.3	66.5	

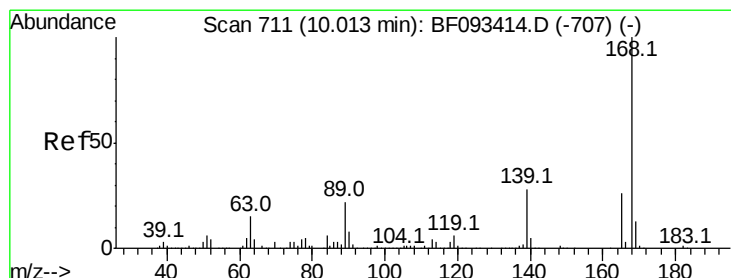
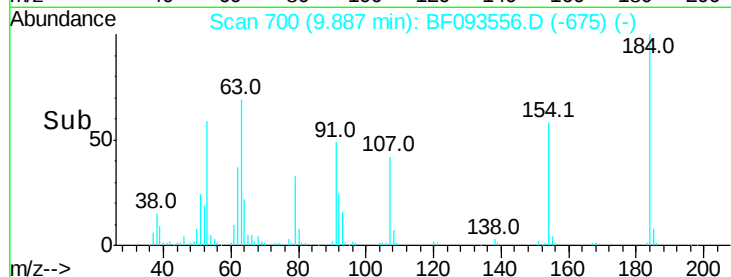
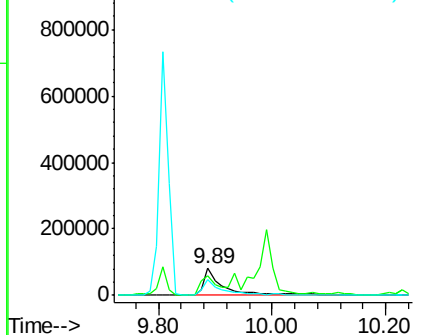
Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



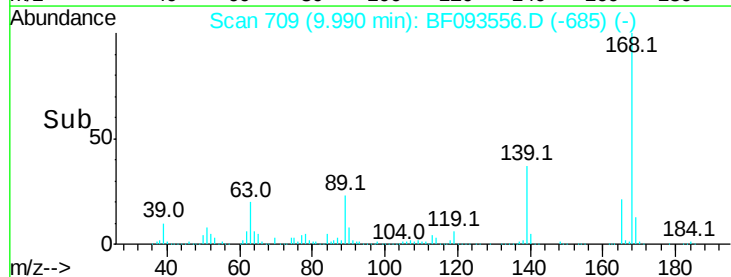
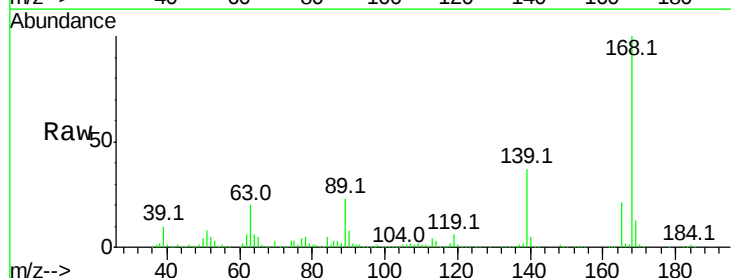
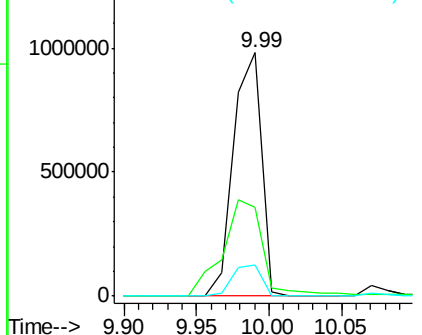
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

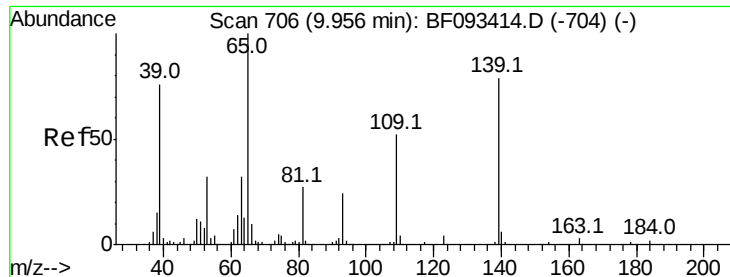


#54
Dibenzofuran
Concen: 58.93 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1317513		
139	36.6	32.6	49.0	
169	12.9	11.3	16.9	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55
4-Nitrophenol
Concen: 60.71 ng/mL
RT: 9.97 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

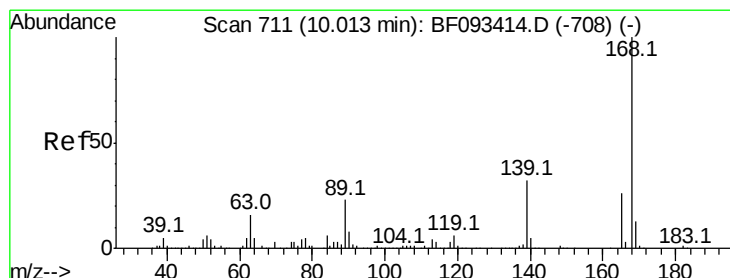
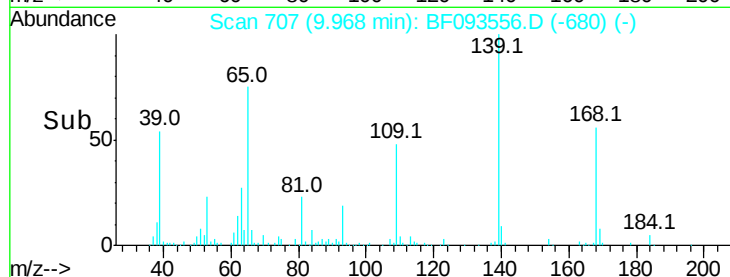
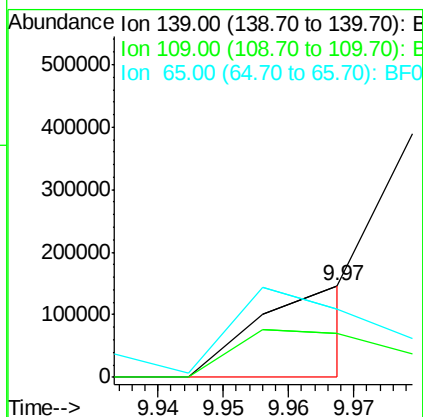
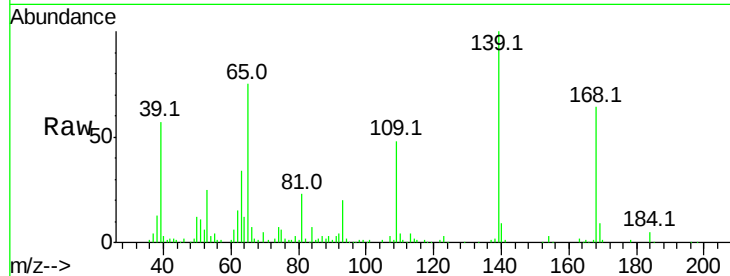
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	48.2	52.2	92.2#
65	75.1	85.8	125.8#

Manual Integrations
APPROVED

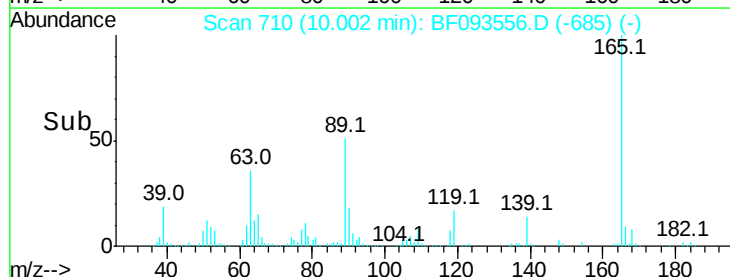
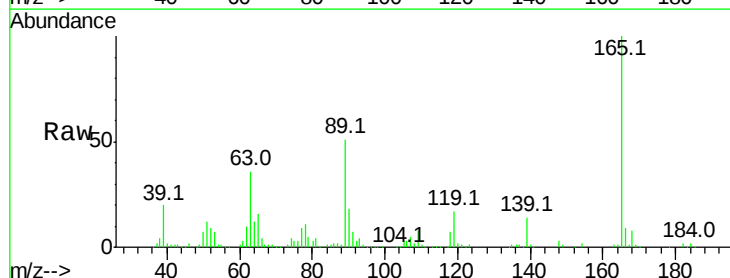
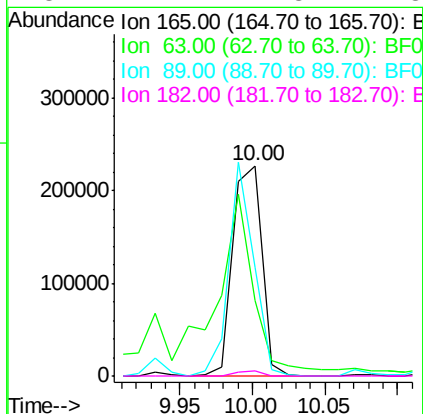
mohammad

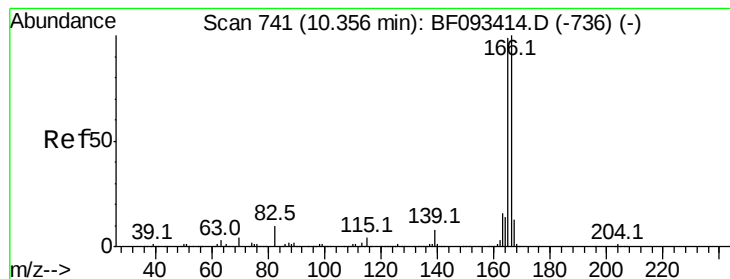
3/13/2017 5:50:40 PM



#56
2,4-Dinitrotoluene
Concen: 53.86 ng/mL
RT: 10.00 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.9	40.2	60.4#
89	51.5	62.5	93.7#
182	2.4	1.8	2.8





#57

Fluorene

Concen: 53.81 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:166 Resp: 1019460

Ion Ratio Lower Upper

166 100

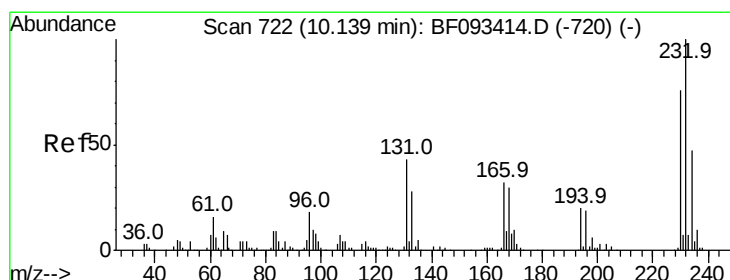
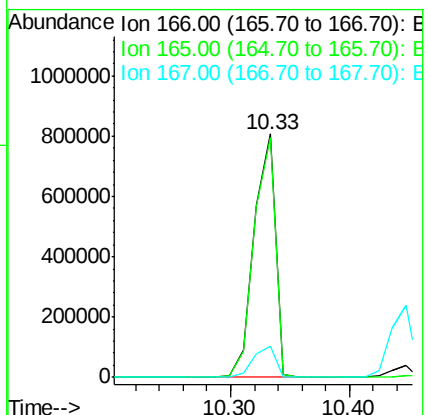
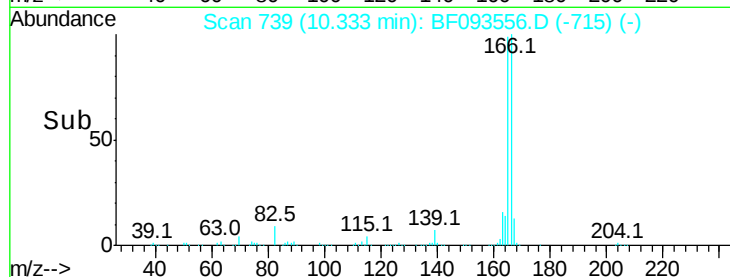
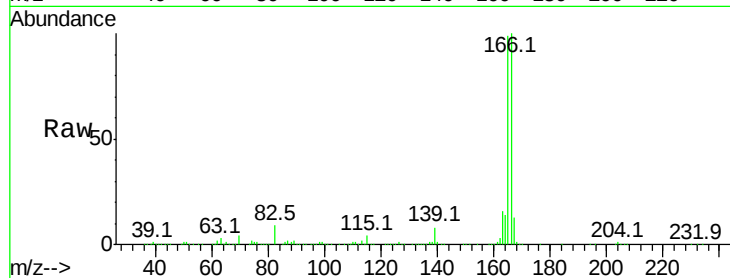
165 98.6 77.8 116.8

167 12.7 10.8 16.2

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.04 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Tgt Ion:232 Resp: 242040

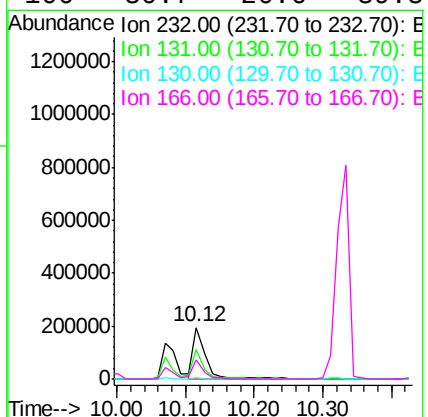
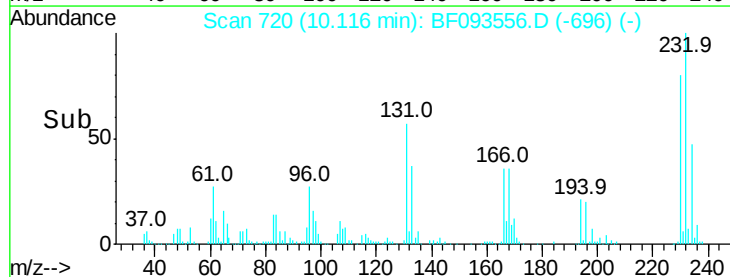
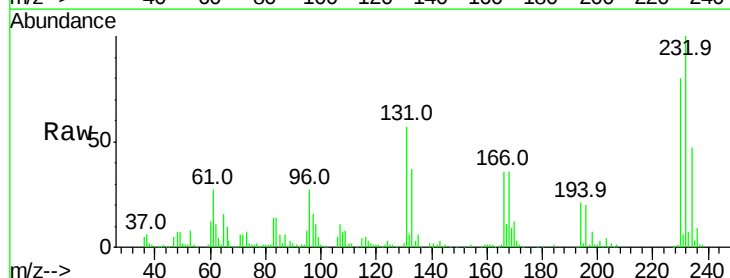
Ion Ratio Lower Upper

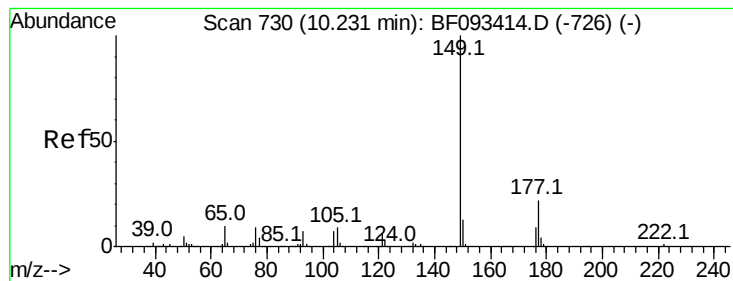
232 100

131 47.5 40.1 60.1

130 2.6 1.8 2.8

166 30.7 26.6 39.8





#59

Diethylphthalate

Concen: 52.42 ng

RT: 10.21 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:149 Resp: 1091030

Ion Ratio Lower Upper

149 100

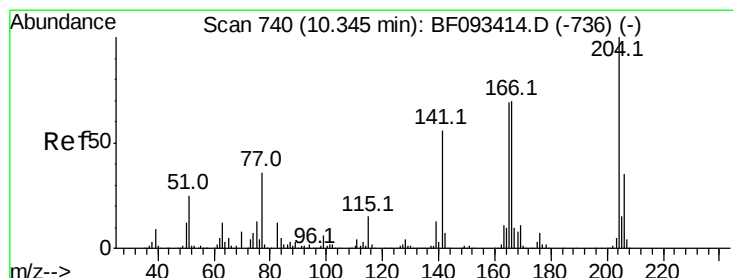
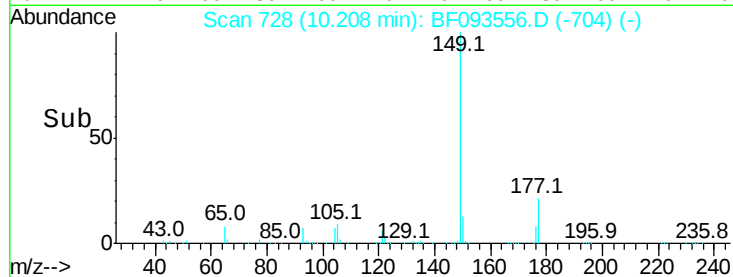
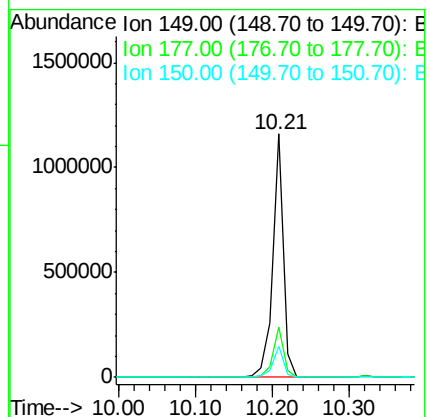
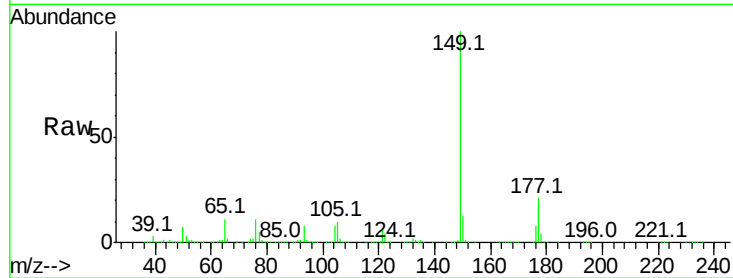
177 20.9 16.6 25.0

150 12.8 10.4 15.6

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



#60

4-Chlorophenyl-phenylether

Concen: 55.48 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

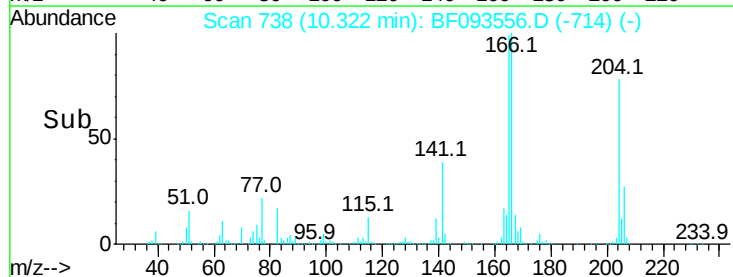
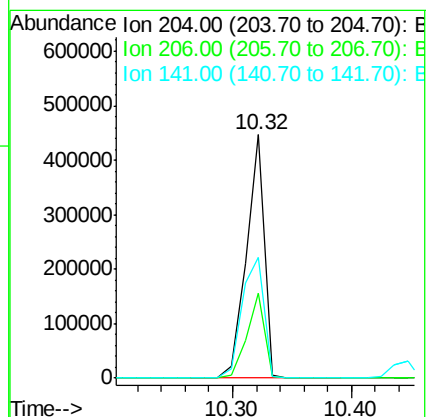
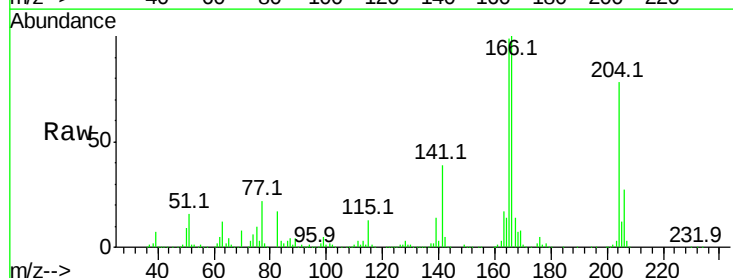
Tgt Ion:204 Resp: 471129

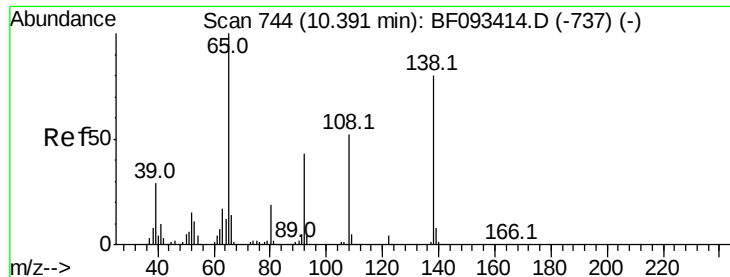
Ion Ratio Lower Upper

204 100

206 34.9 25.8 38.6

141 49.5 59.4 89.0#





#61
4-Nitroaniline
Concen: 35.41 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

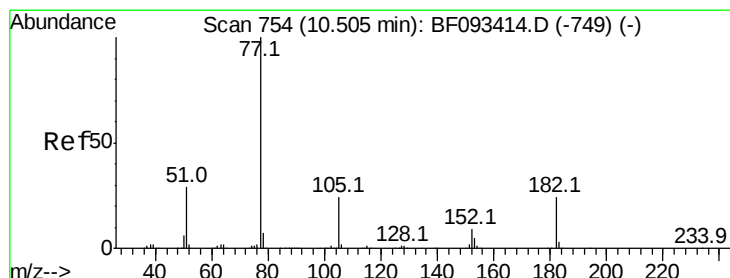
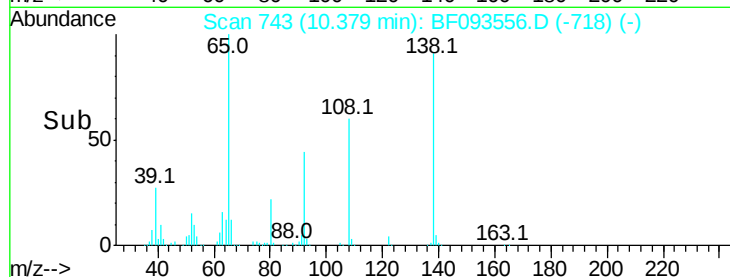
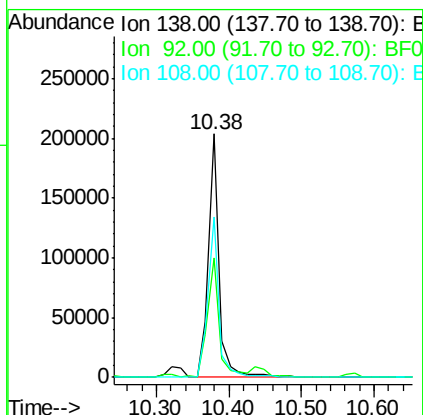
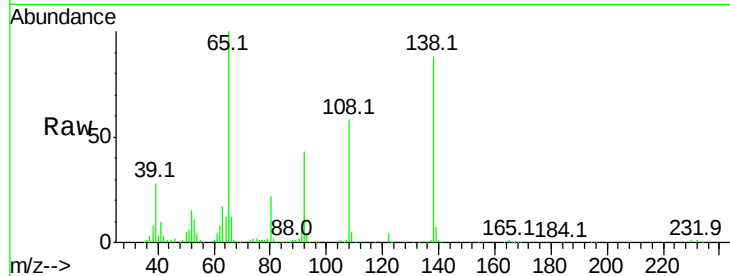
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion:138 Resp: 207916
Ion Ratio Lower Upper
138 100
92 49.2 31.7 71.7
108 65.9 52.6 92.6

Manual Integrations
APPROVED

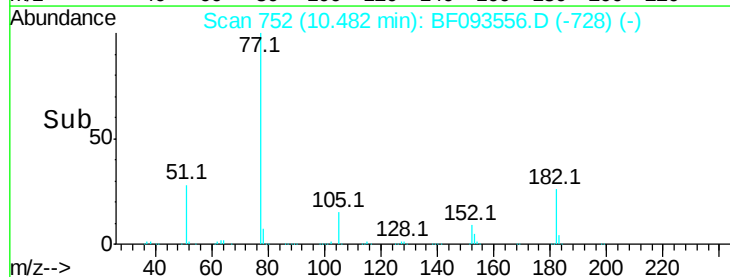
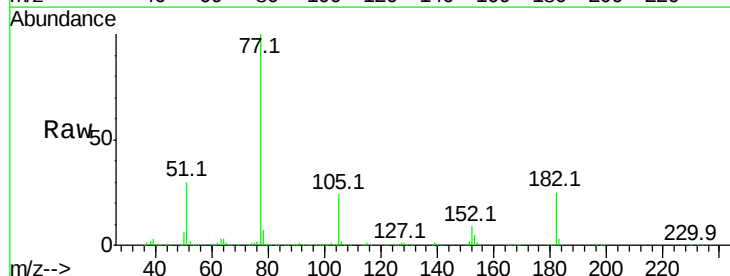
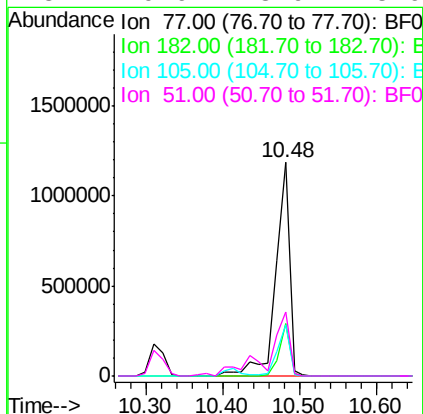
mohammad

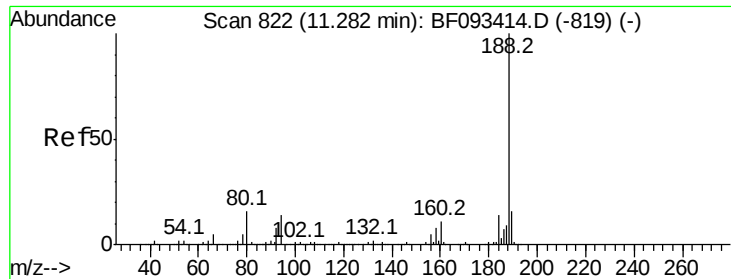
3/13/2017 5:50:40 PM



#62
Azobenzene
Concen: 61.90 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion: 77 Resp: 1463752
Ion Ratio Lower Upper
77 100
182 24.7 0.0 39.3
105 24.1 2.3 42.3
51 29.9 8.9 48.9





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

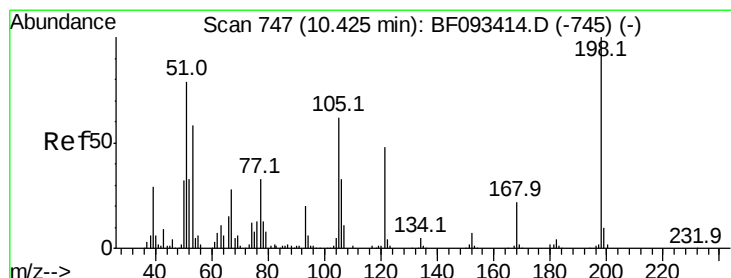
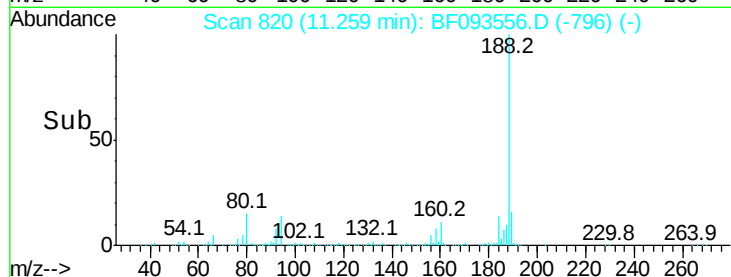
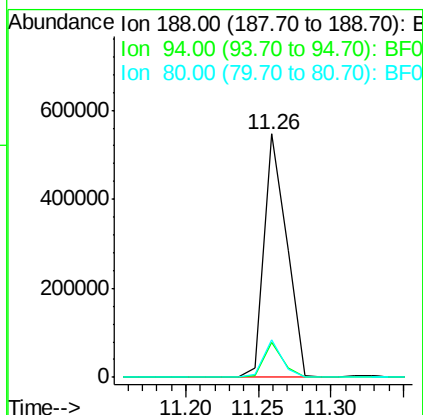
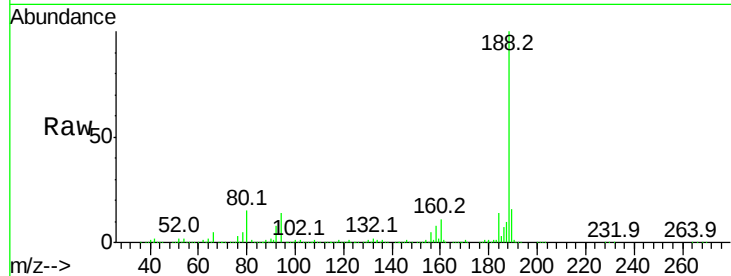
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	591747		
94	14.3	10.0	15.0	
80	15.4	11.2	16.8	

Manual Integrations
APPROVED

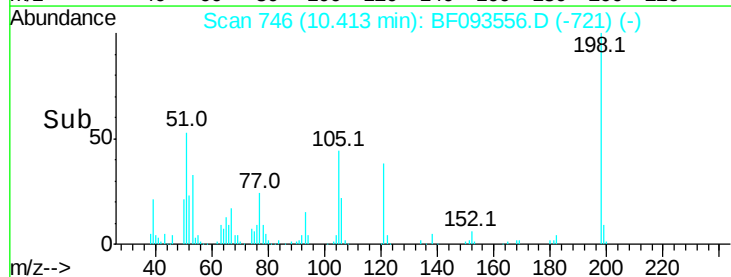
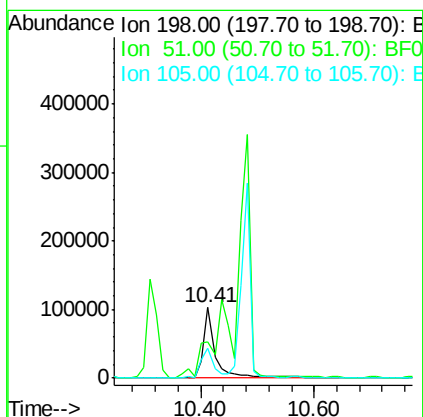
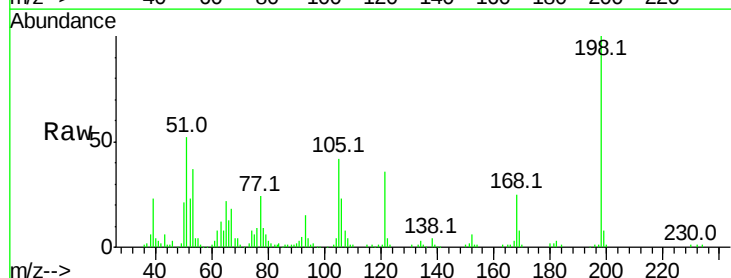
mohammad

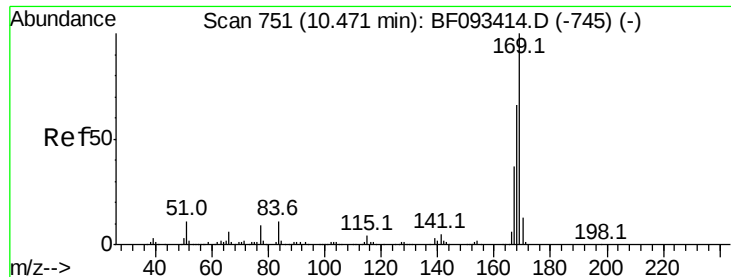
3/13/2017 5:50:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.08 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	149837		
51	51.6	6.7	46.7#	
105	42.3	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 40.14 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

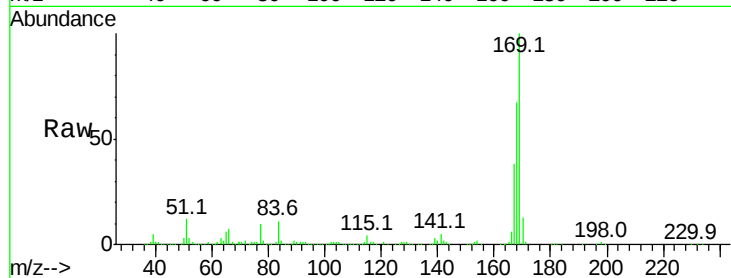
TP-9-COMP-0-12FTMS

Tot Ion:	169	Resp:	793095
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	37.5	30.2	45.4

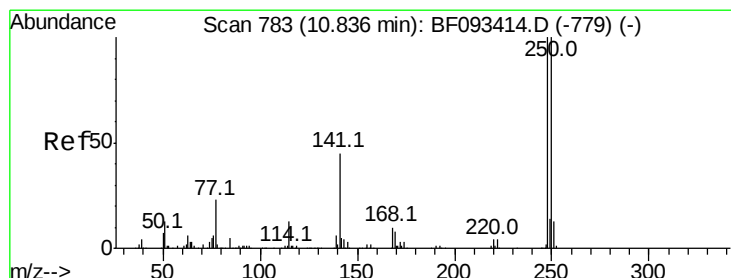
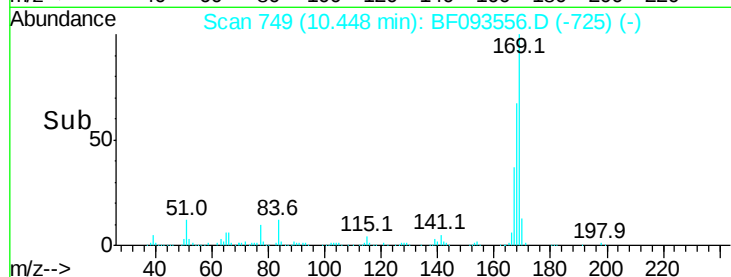
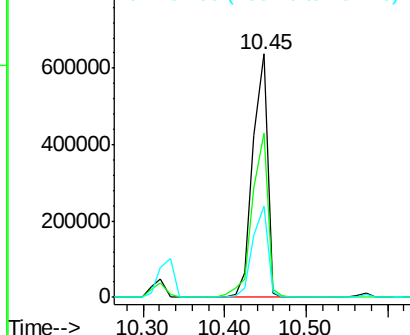
Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



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



#66

4-Bromophenyl-phenylether

Concen: 43.47 ng

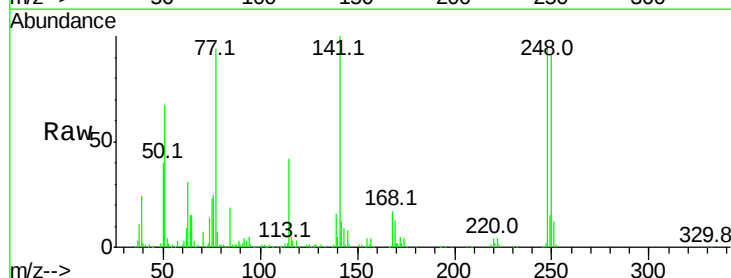
RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

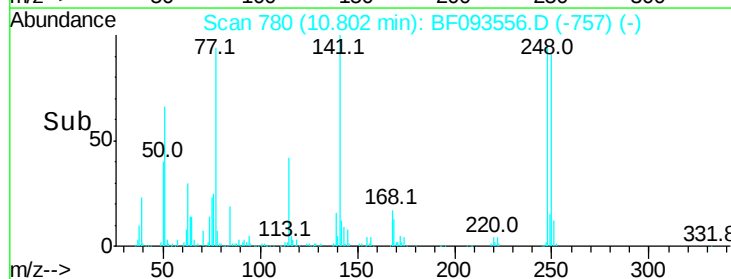
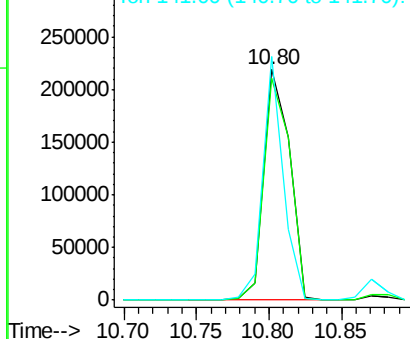
Lab File: BF093556.D

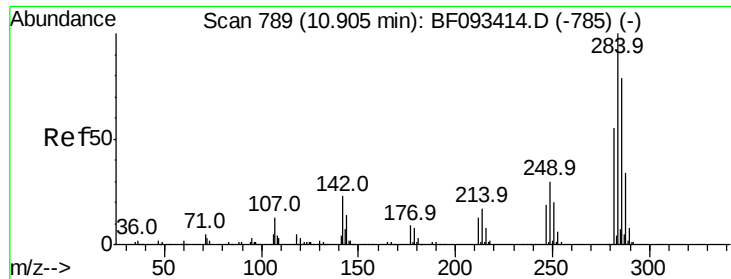
Acq: 11 Mar 2017 7:12

Tgt Ion:	248	Resp:	271999
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.9	115.3
141	105.6	68.2	102.4#



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





#67
Hexachlorobenzene
Concen: 45.87 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

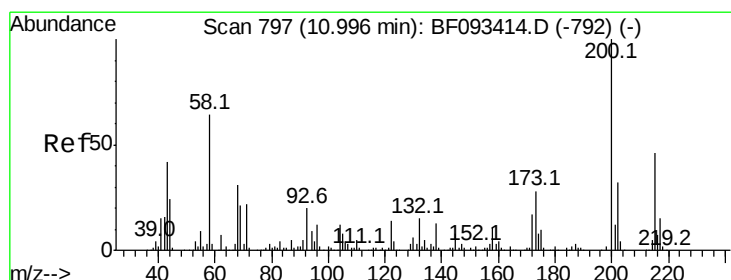
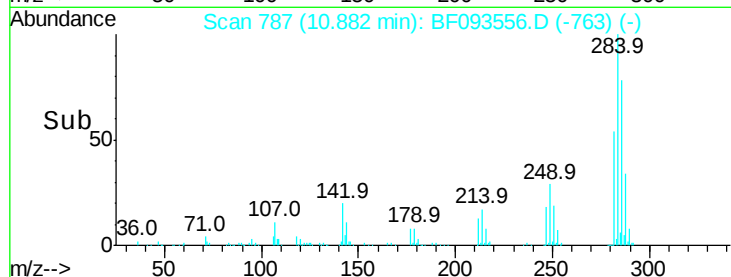
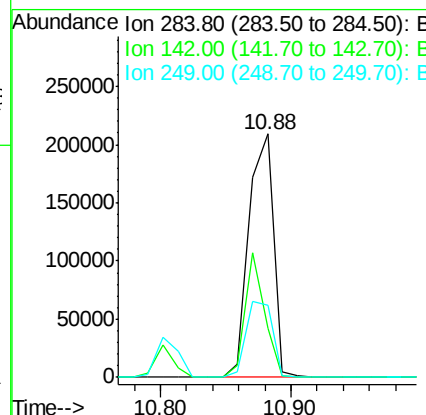
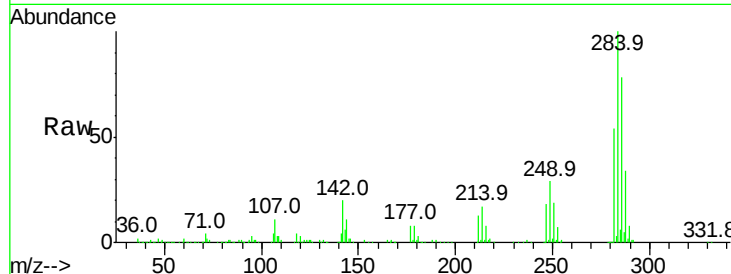
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	274105		
142	20.0		22.6	33.8#
249	29.4		25.4	38.0

Manual Integrations
APPROVED

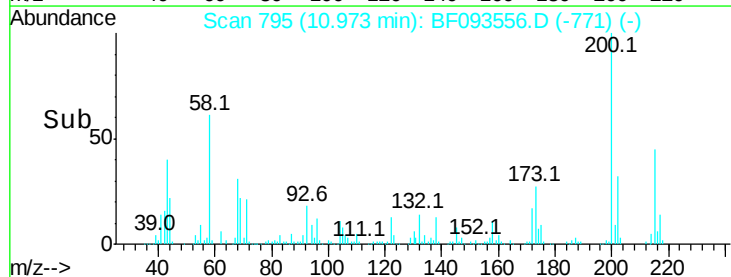
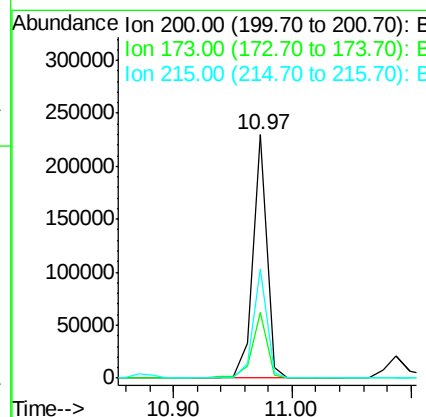
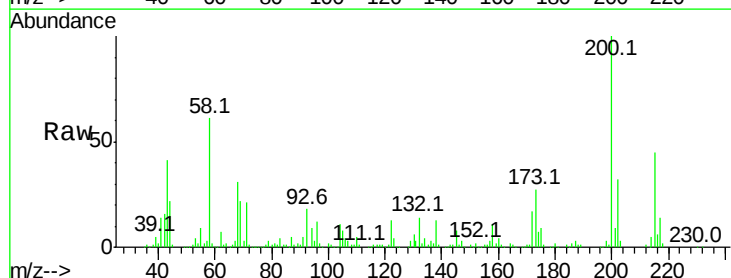
mohammad

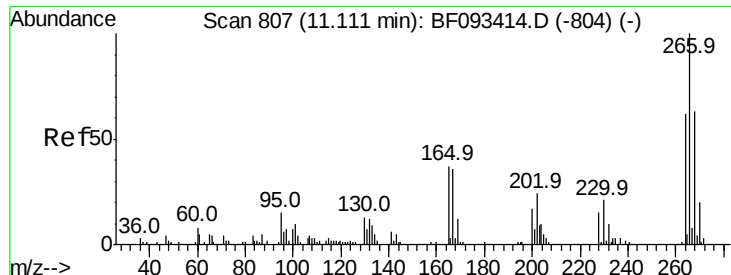
3/13/2017 5:50:40 PM



#68
Atrazine
Concen: 32.93 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	190426		
173	27.0		9.6	49.6
215	45.0		25.7	65.7





#69
 Pentachlorophenol
 Concen: 83.29 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

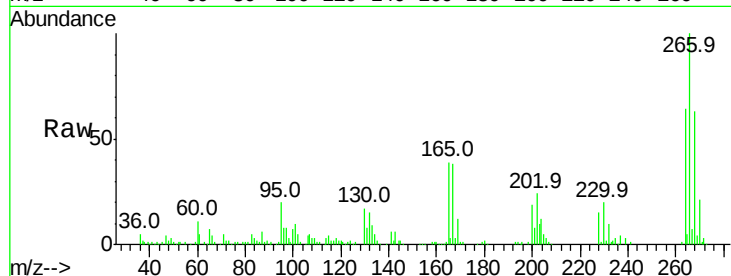
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	171818		
268	63.1	53.3	79.9	
264	64.3	50.3	75.5	

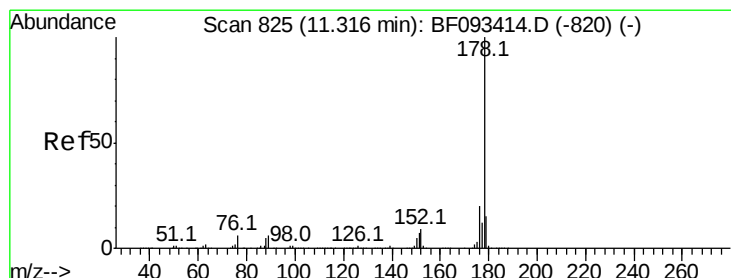
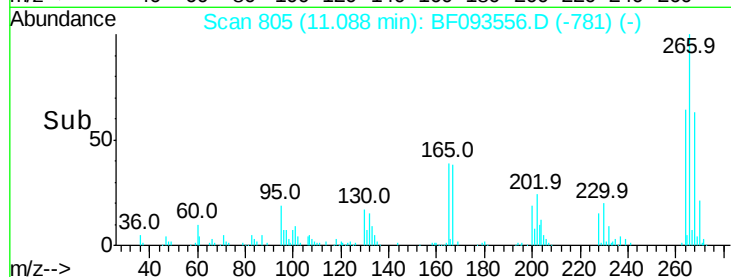
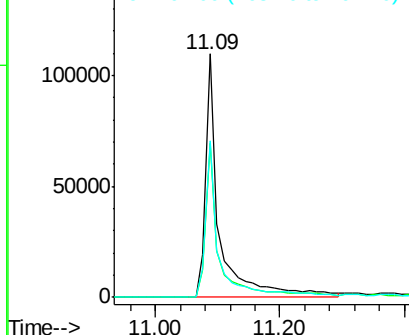
Manual Integrations
 APPROVED

mohammad

3/13/2017 5:50:40 PM

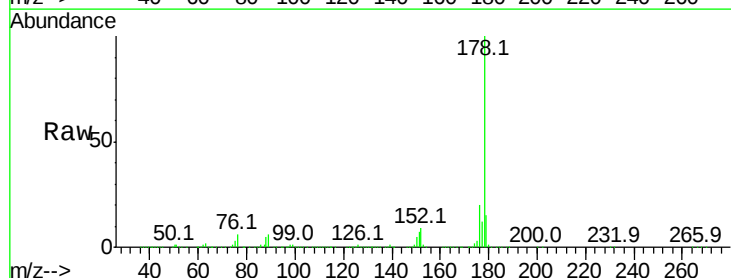


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

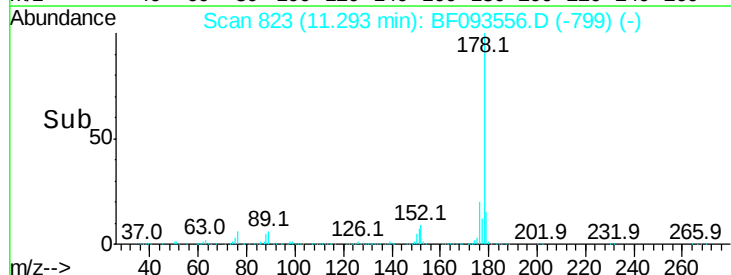
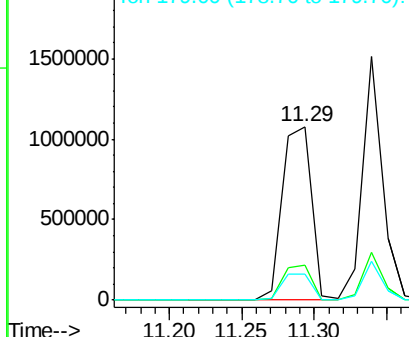


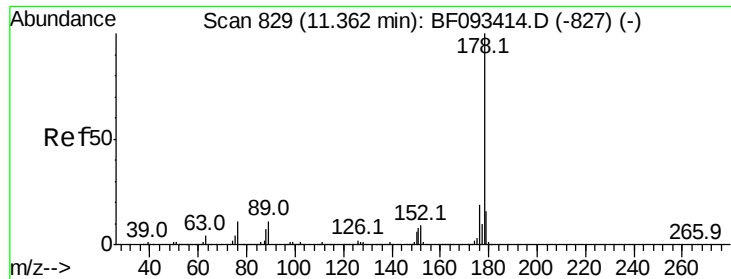
#70
 Phenanthrene
 Concen: 44.61 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1506649		
176	20.1	16.6	25.0	
179	15.1	12.8	19.2	



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





#71
 Anthracene
 Concen: 42.95 ng
 RT: 11.34 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

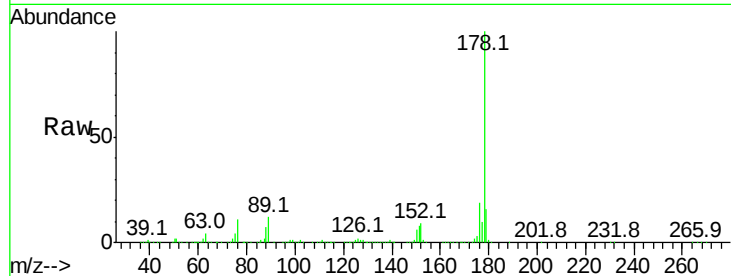
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion:178 Resp: 1467520
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.9 13.2 19.8

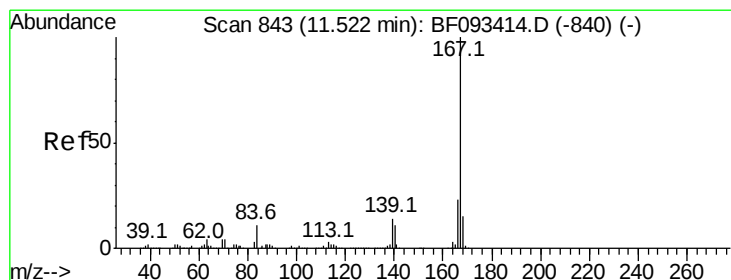
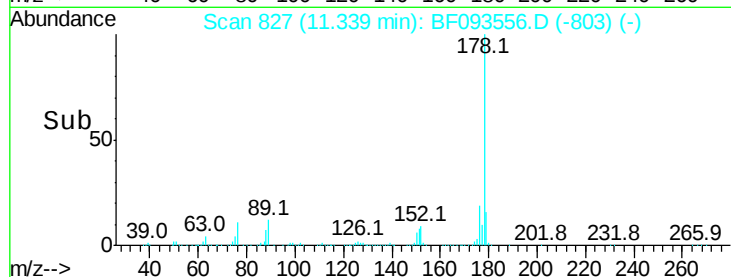
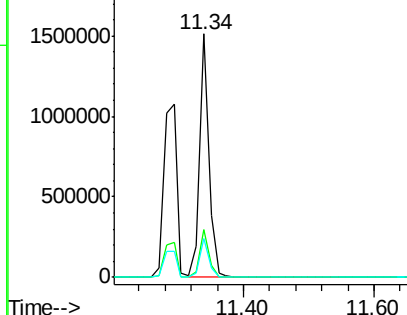
Manual Integrations
 APPROVED

mohammad

3/13/2017 5:50:40 PM



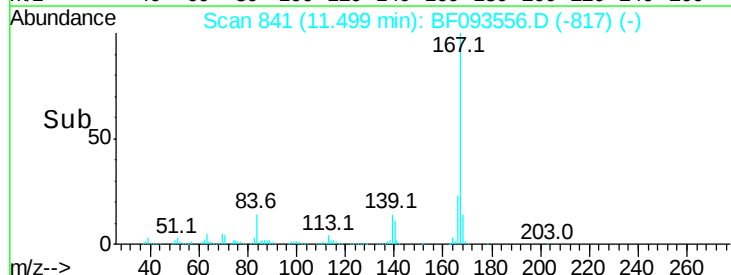
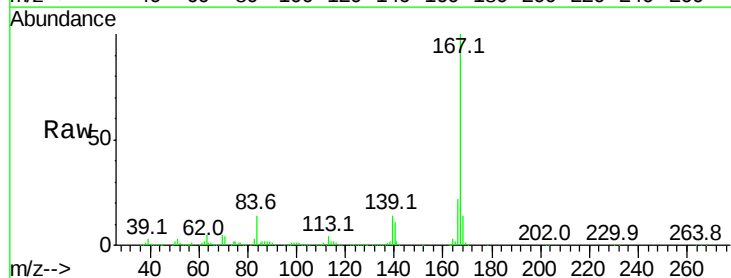
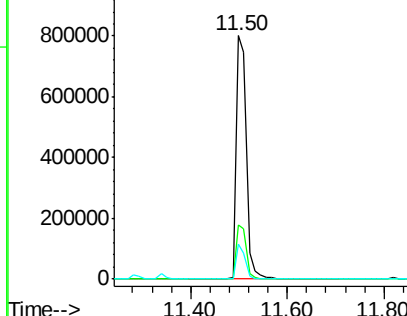
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

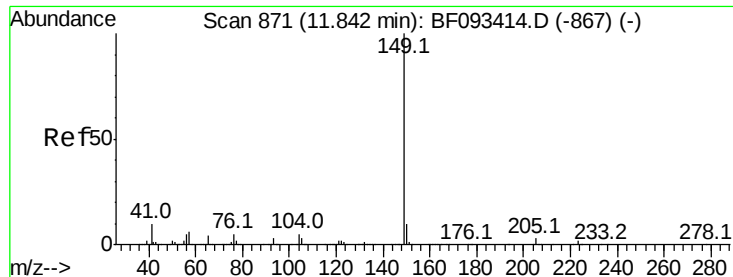


#72
 Carbazole
 Concen: 36.22 ng
 RT: 11.50 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:167 Resp: 1162533
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 14.3 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.67 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:149 Resp: 1695839

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

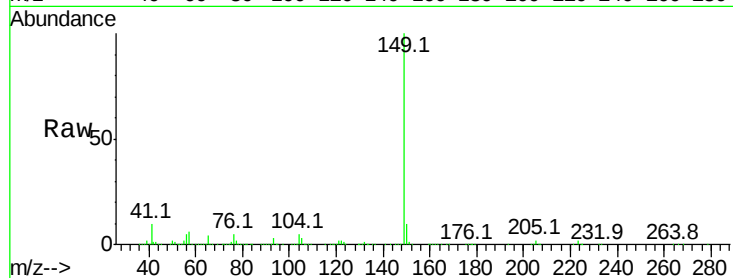
104 5.0 4.6 7.0

Manual Integrations

APPROVED

mohammad

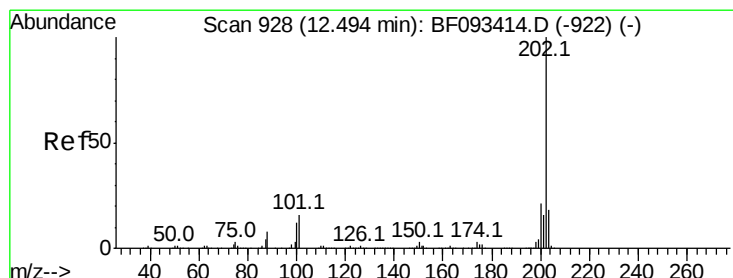
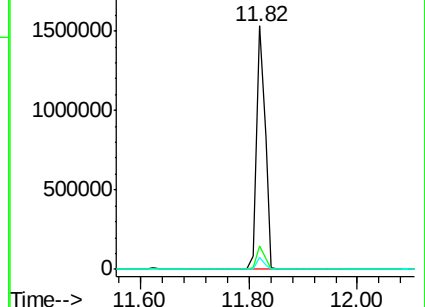
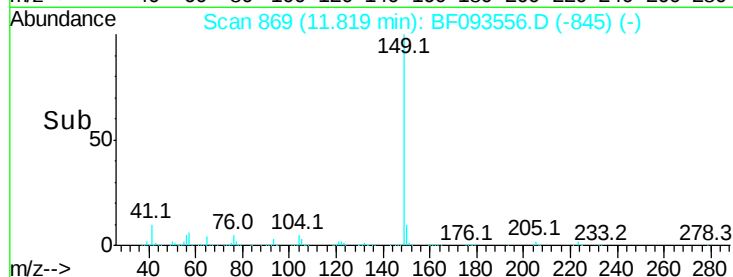
3/13/2017 5:50:40 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.69 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

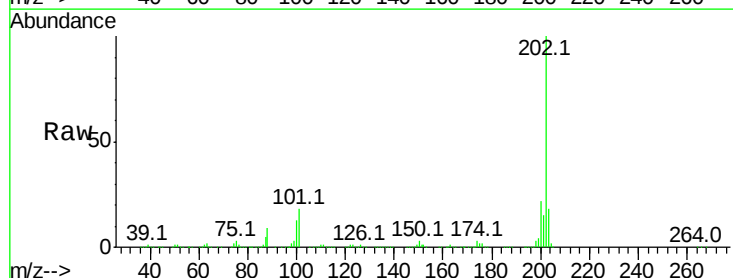
Tgt Ion:202 Resp: 1490773

Ion Ratio Lower Upper

202 100

101 17.5 0.0 34.6

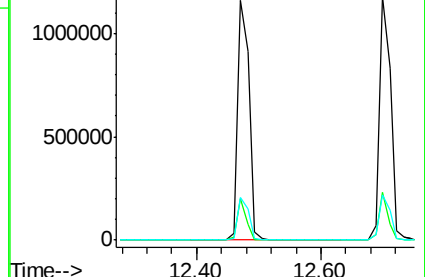
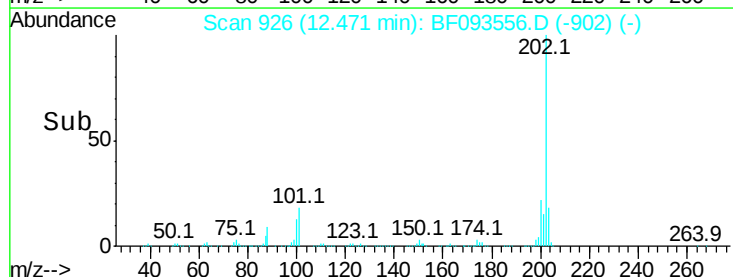
203 17.9 0.0 38.7

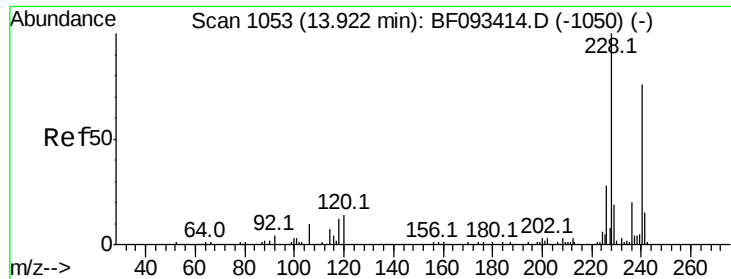


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP-0-12FTMS

Tot Ion:240 Resp: 453191

Ion Ratio Lower Upper

240 100

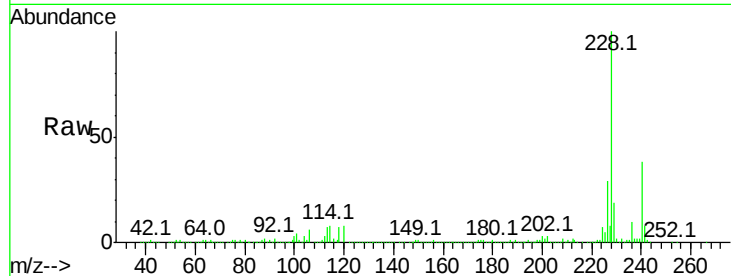
120 22.1 12.9 19.3#

236 27.1 20.9 31.3

Manual Integrations
APPROVED

mohammad

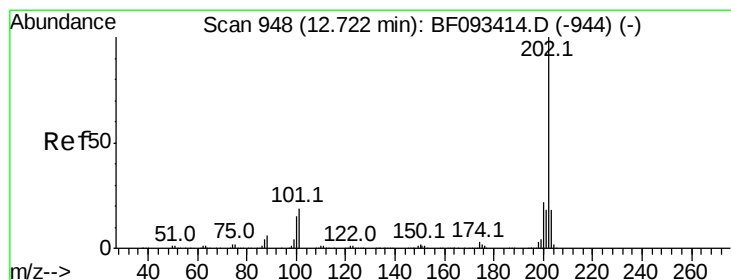
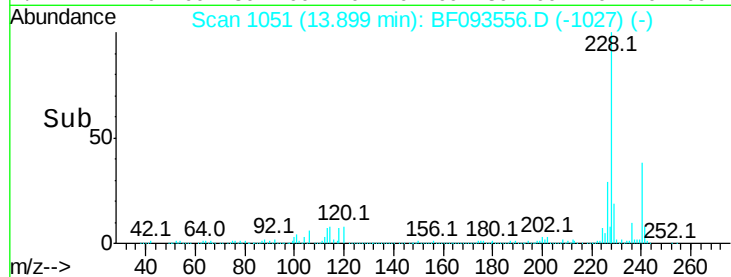
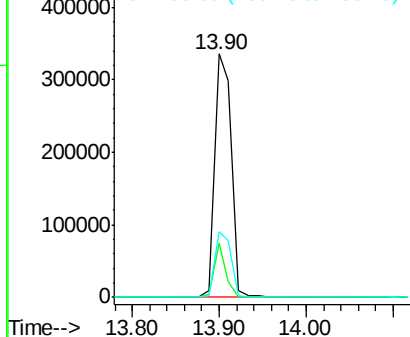
3/13/2017 5:50:40 PM



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



#77

Pyrene

Concen: 44.45 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093556.D

Acq: 11 Mar 2017 7:12

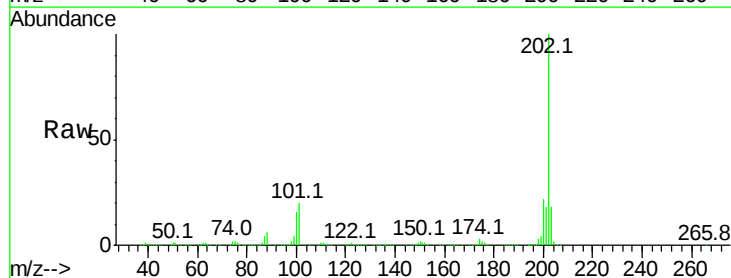
Tgt Ion:202 Resp: 1465058

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

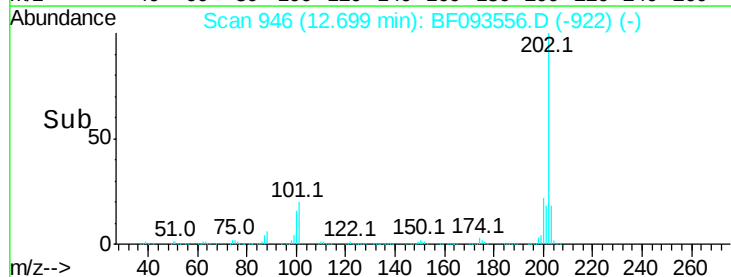
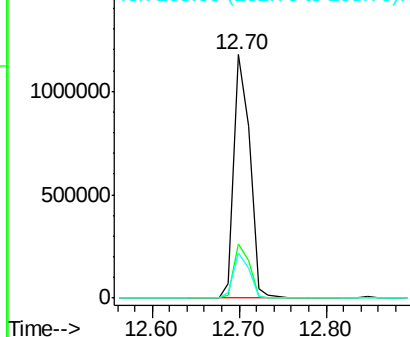
203 18.4 14.7 22.1

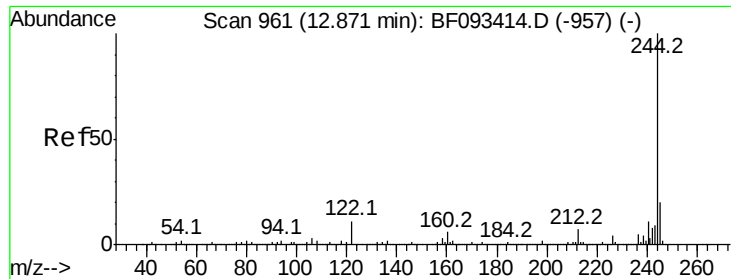


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78
 Terphenyl-d14
 Concen: 96.98 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

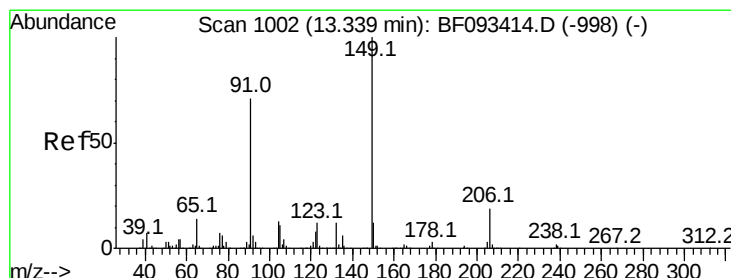
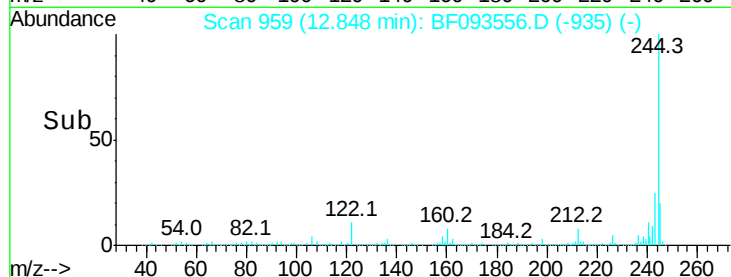
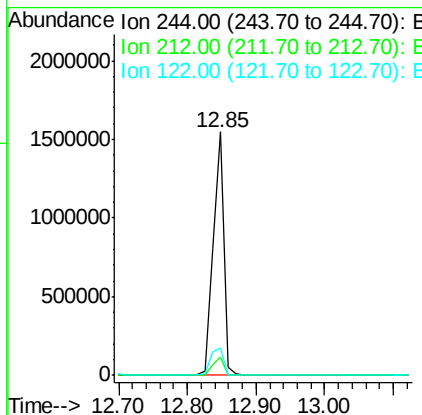
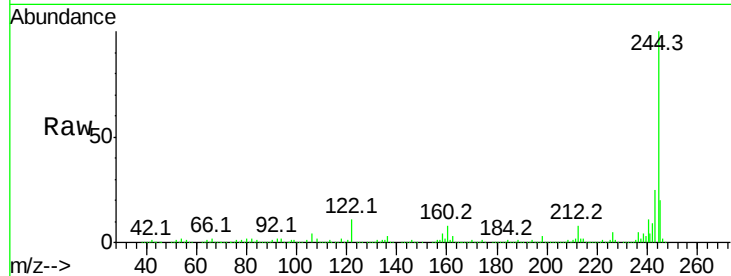
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Tot Ion:244 Resp: 1690533
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.3 11.4 17.2#

Manual Integrations
 APPROVED

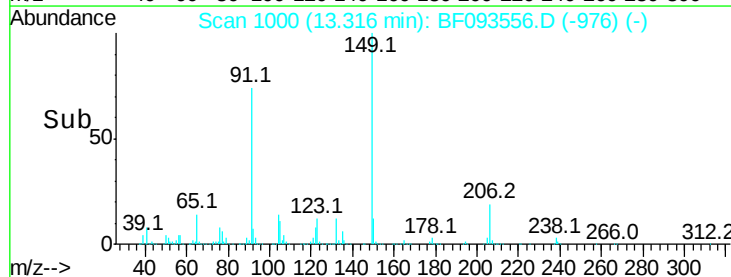
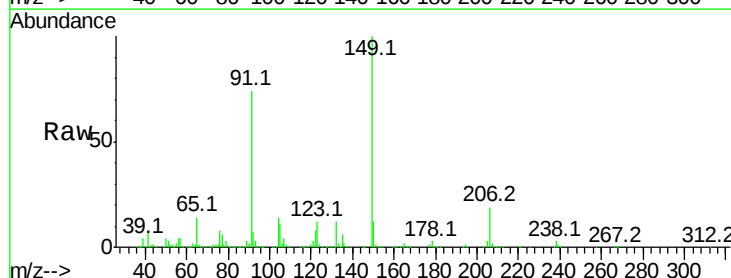
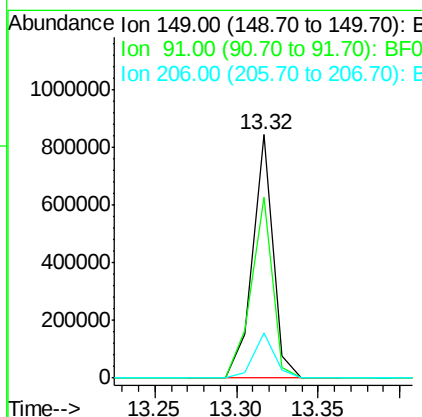
mohammad

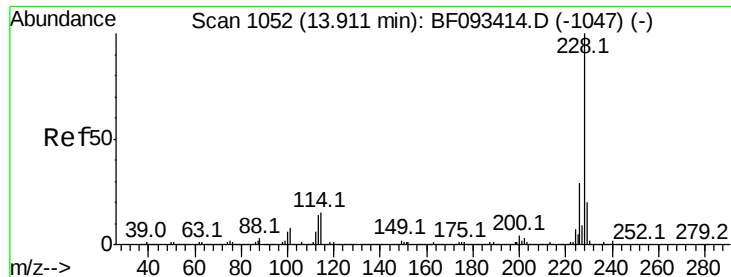
3/13/2017 5:50:40 PM



#79
 Butylbenzylphthalate
 Concen: 53.35 ng
 RT: 13.32 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF093556.D
 Acq: 11 Mar 2017 7:12

Tgt Ion:149 Resp: 740246
 Ion Ratio Lower Upper
 149 100
 91 74.2 63.9 95.9
 206 18.7 14.6 21.8





#80
Benzo(a)anthracene
Concen: 47.07 ng
RT: 13.89 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

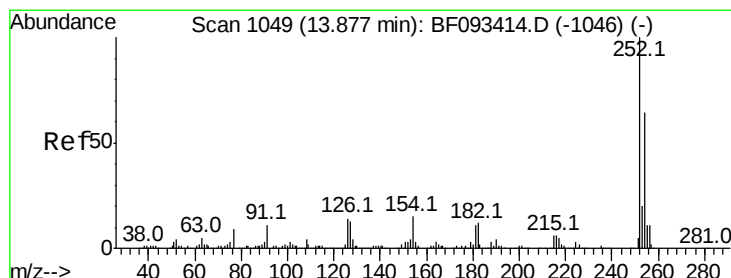
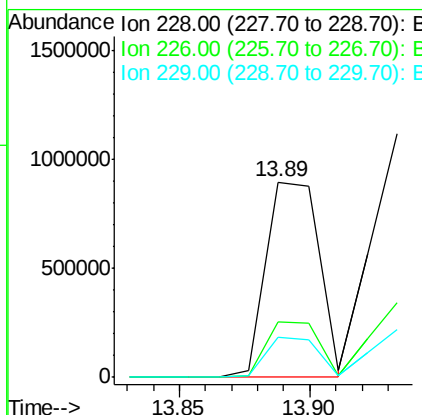
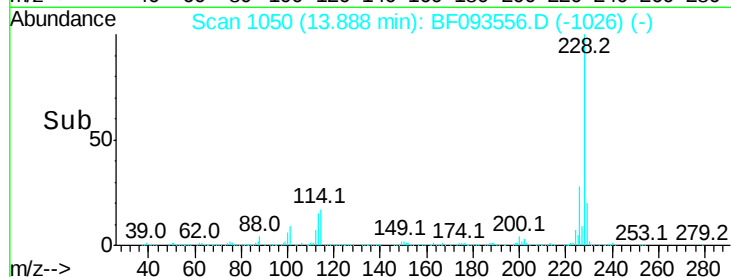
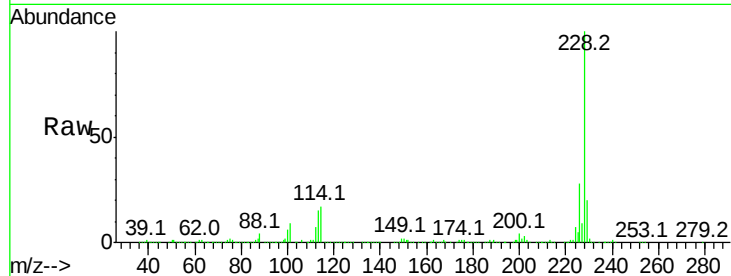
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.2	16.2	24.4

Manual Integrations
APPROVED

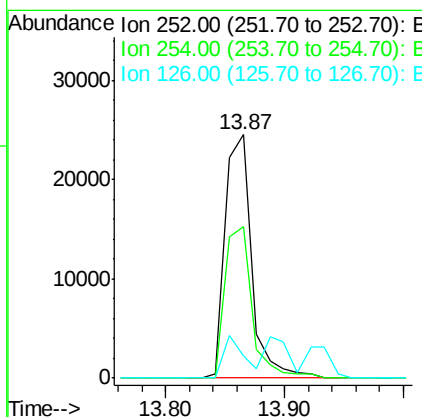
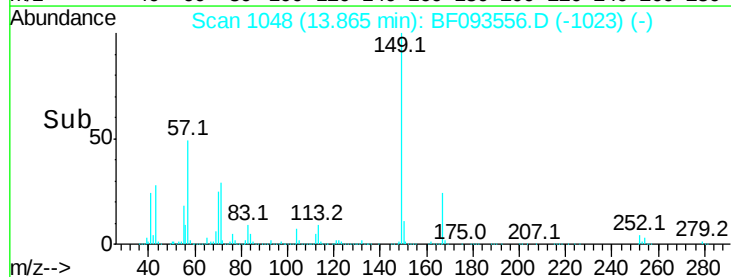
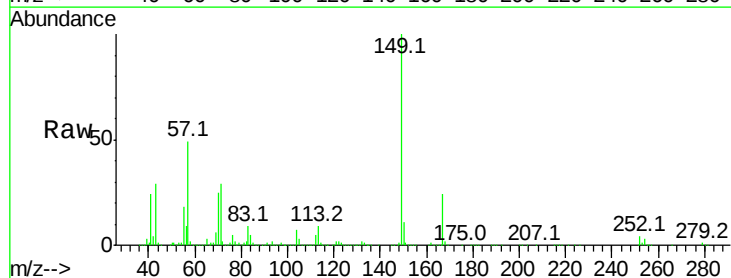
mohammad

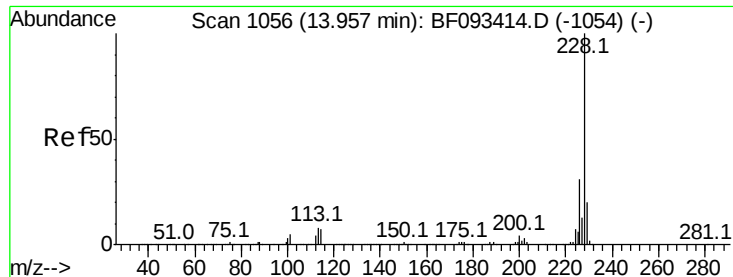
3/13/2017 5:50:40 PM



#81
3,3'-Dichlorobenzidine
Concen: 4.06 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	52.3	78.5
126	9.1	13.6	20.4





#82
Chrysene
Concen: 50.28 ng
RT: 13.93 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

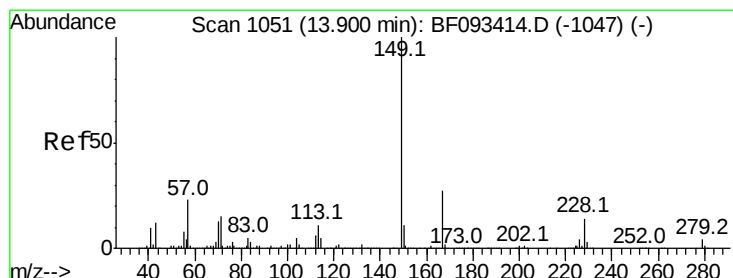
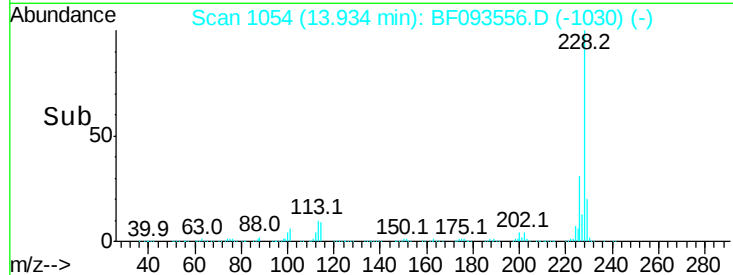
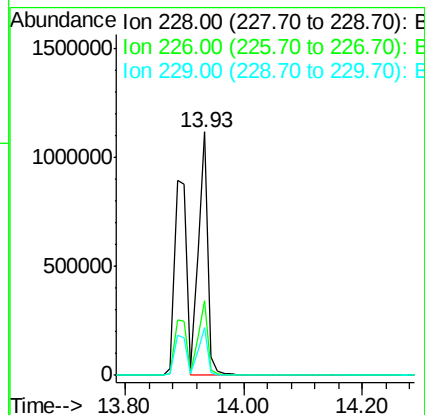
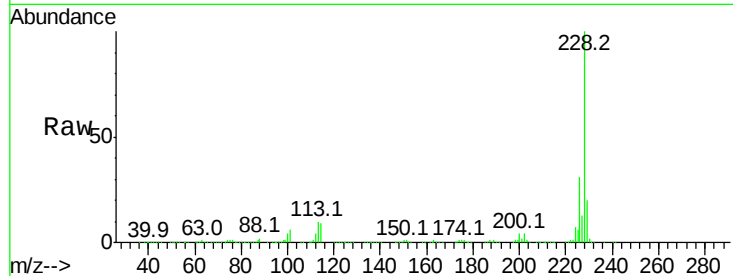
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot	Ion:228	Resp:	1244920
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	19.7	16.2	24.2

Manual Integrations
APPROVED

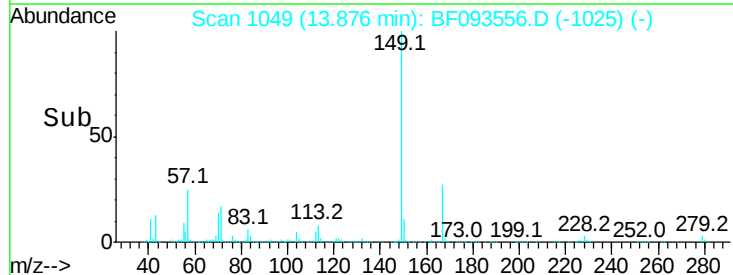
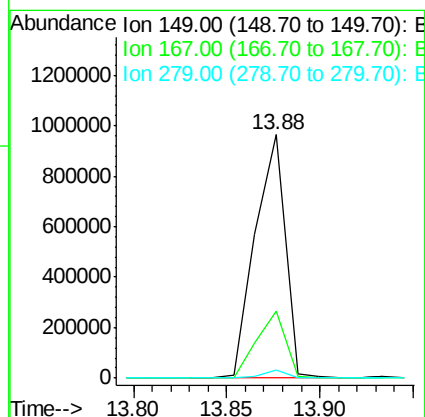
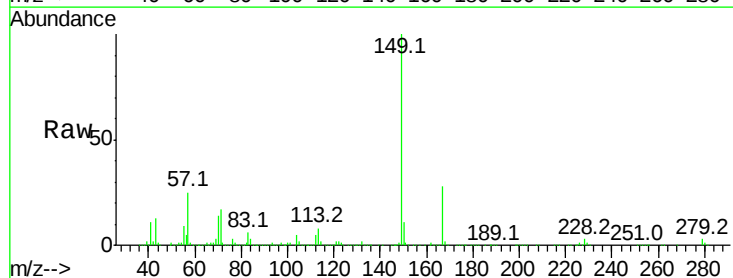
mohammad

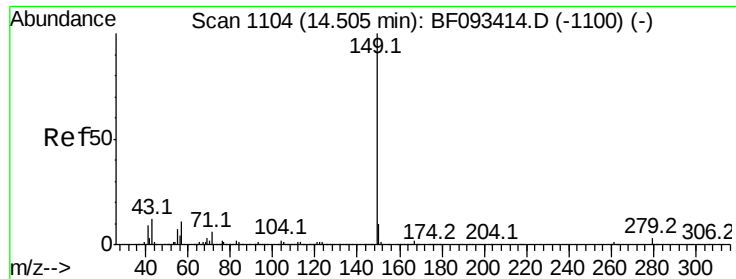
3/13/2017 5:50:40 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 55.67 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion:149	Resp: 1076693
Ion Ratio	Lower Upper
149 100	
167 27.5	20.2 30.4
279 3.4	1.8 2.8#





#84
Di-n-octyl phthalate
Concen: 50.85 ng
RT: 14.48 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

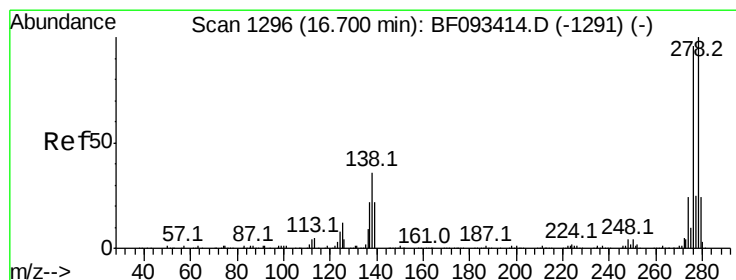
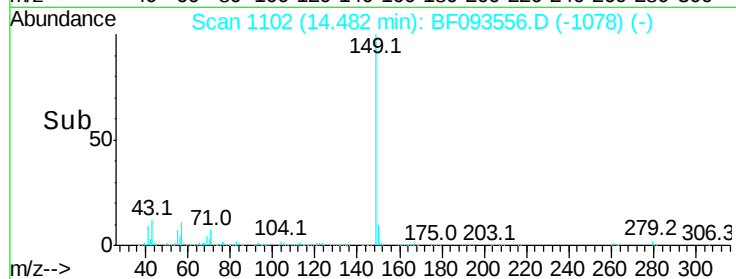
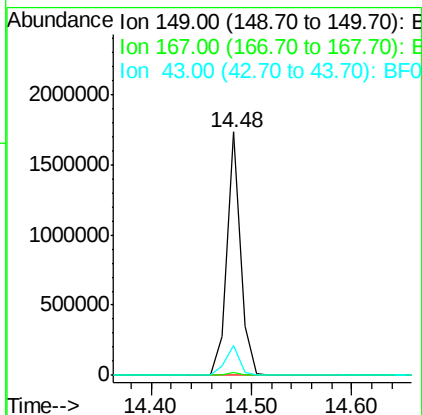
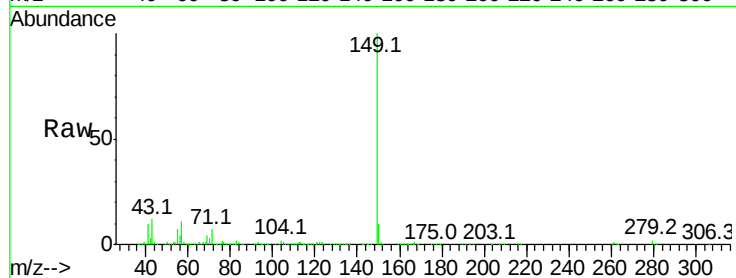
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.5	8.9	13.3

Manual Integrations
APPROVED

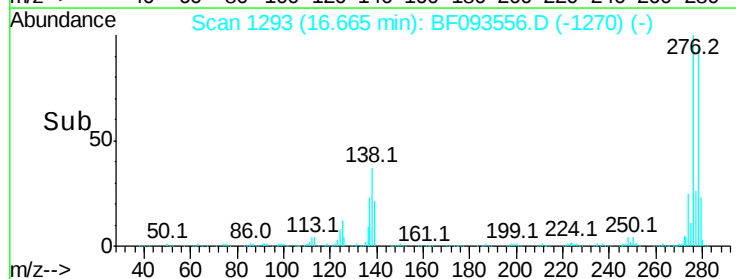
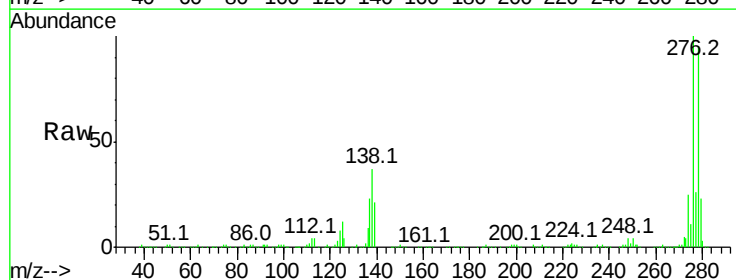
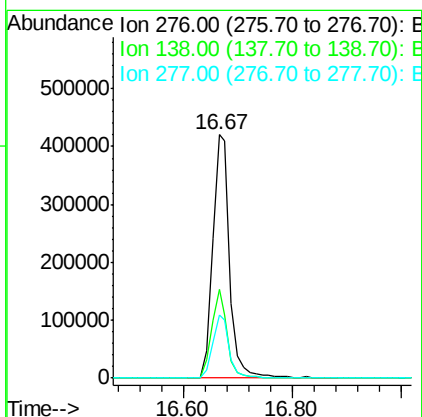
mohammad

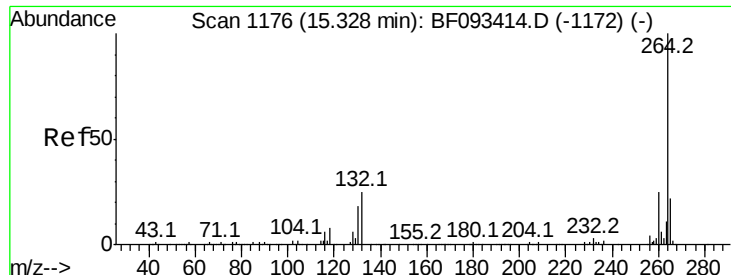
3/13/2017 5:50:40 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.87 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	25.4	20.2	30.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

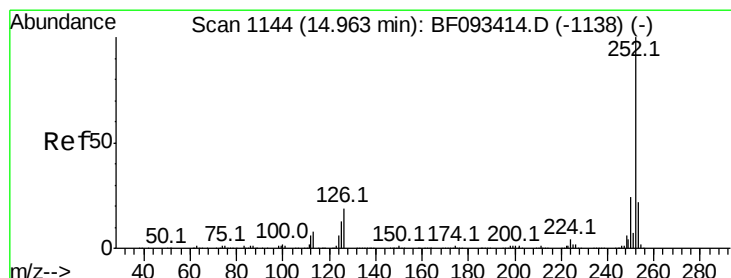
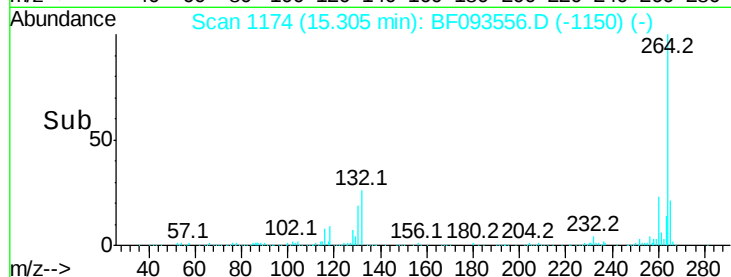
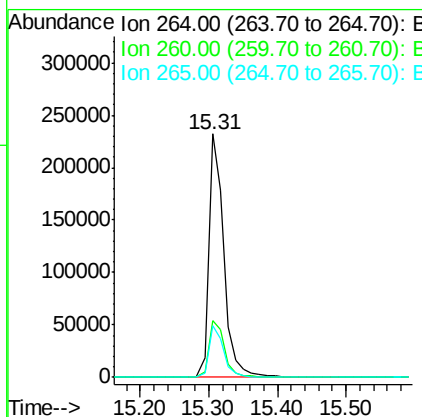
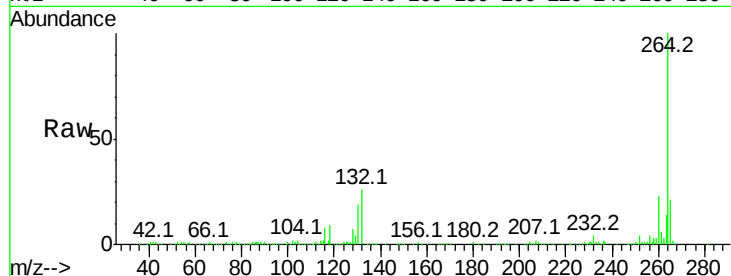
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.4	26.0

Manual Integrations
APPROVED

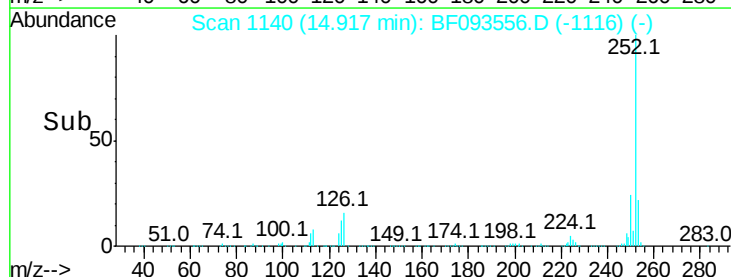
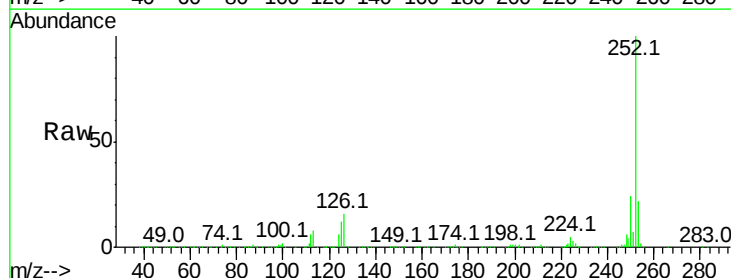
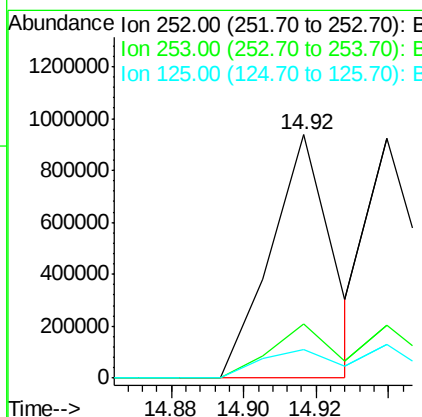
mohammad

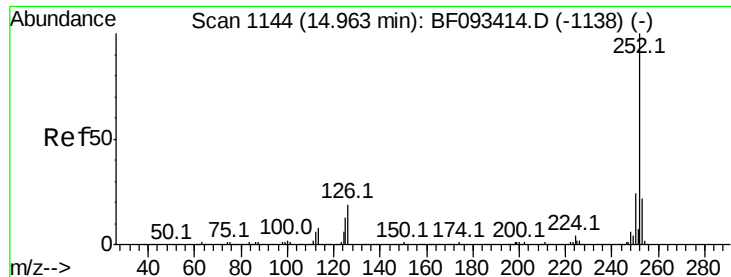
3/13/2017 5:50:40 PM



#87
Benzo(b)fluoranthene
Concen: 51.94 ng m
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.6	9.8	14.6





#88
Benzo(k)fluoranthene
Concen: 46.01 ng m
RT: 14.94 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

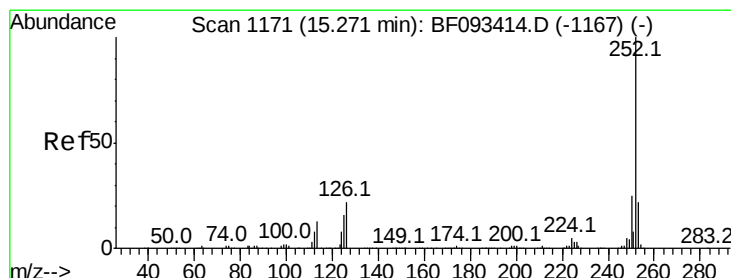
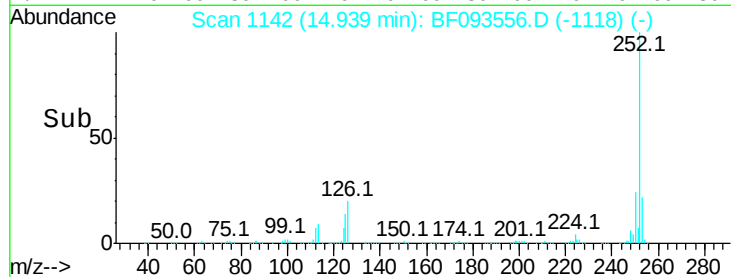
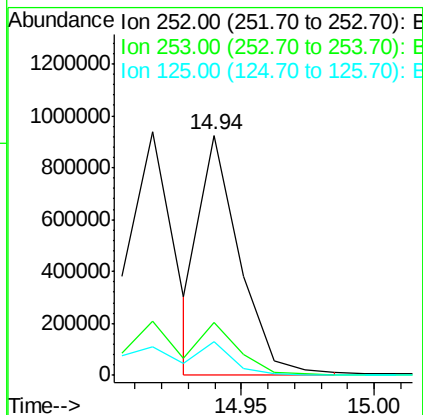
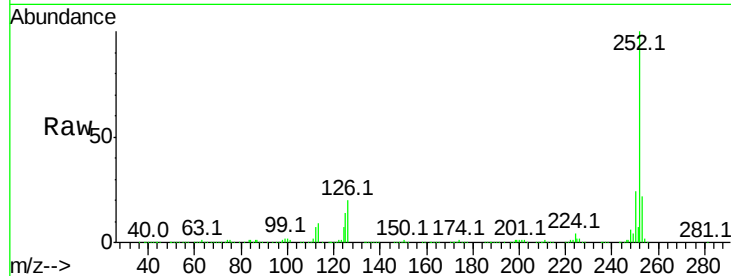
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	13.9	8.9	13.3

Manual Integrations
APPROVED

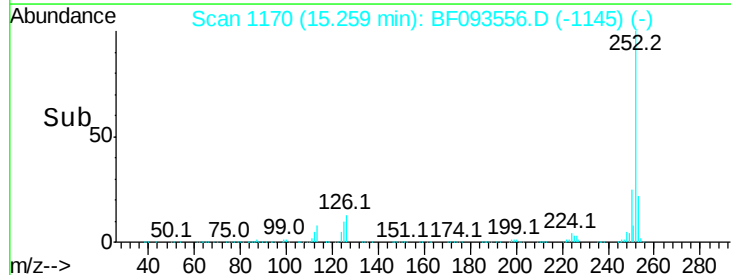
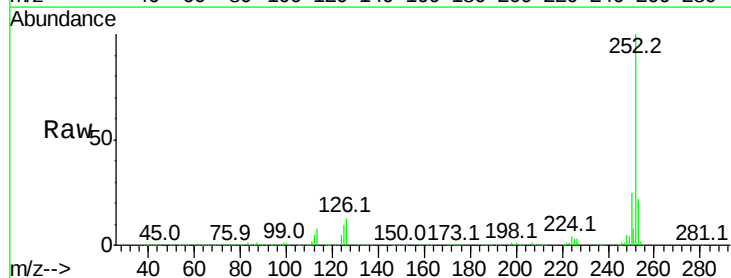
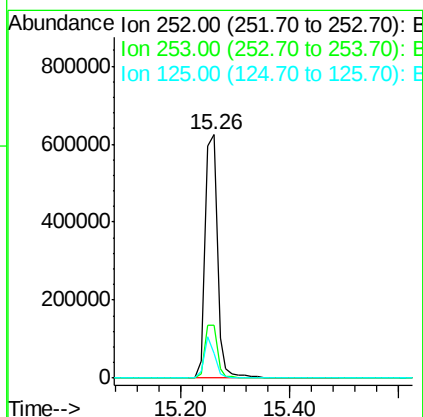
mohammad

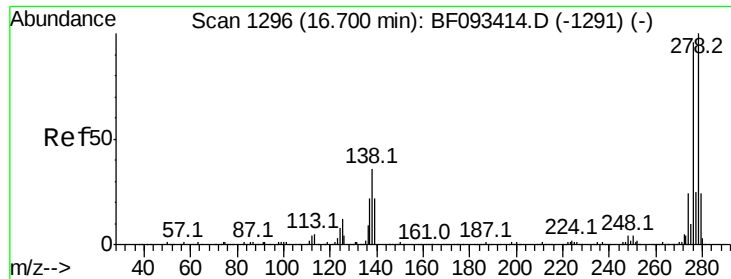
3/13/2017 5:50:40 PM



#89
Benzo(a)pyrene
Concen: 50.00 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.4	10.0	15.0





#90
Dibenzo(a,h)anthracene
Concen: 48.81 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

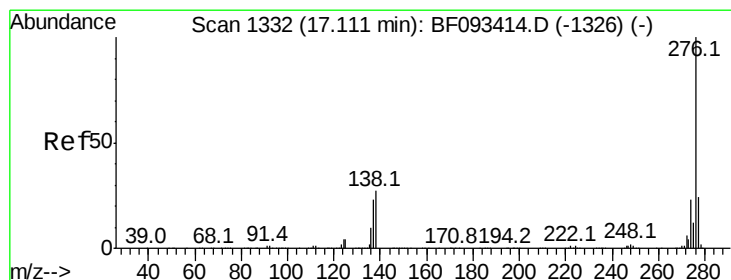
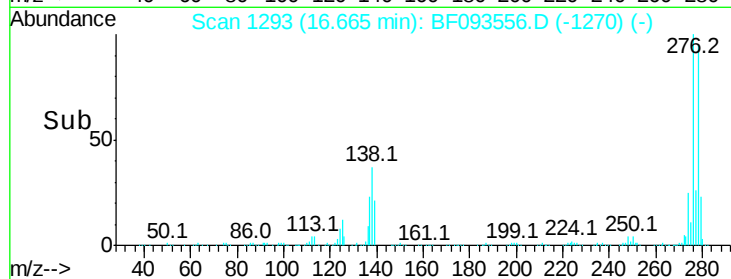
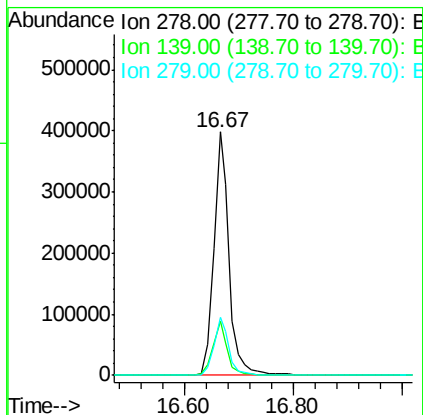
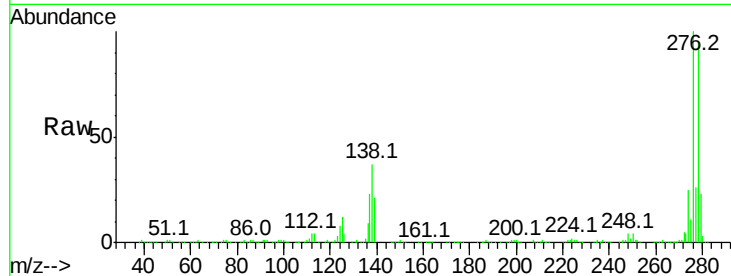
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP-0-12FTMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.8	22.2#
279	24.0	19.8	29.6

Manual Integrations
APPROVED

mohammad

3/13/2017 5:50:40 PM



#91
Benzo(g,h,i)perylene
Concen: 47.82 ng
RT: 17.08 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF093556.D
Acq: 11 Mar 2017 7:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	27.8	16.0	24.0#

