

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094004.D
 Acq On : 28 Mar 2017 20:35
 Operator : SJ/MA
 Sample : PB97860BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Manual Integrations
 APPROVED

mohammad
 3/29/2017 1:56:55 PM

Quant Time: Mar 29 03:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	163597	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	668972	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	317422	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	550454	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	370250	20.00	ng	-0.03
86) Perylene-d12	16.27	264	275193	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	4.47	112	792398	81.81	ng	0.00
7) Phenol-d6	5.53	99	985109	82.21	ng	-0.02
23) Nitrobenzene-d5	6.58	82	889456	75.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	223019	88.91	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1691609	81.28	ng	-0.02
78) Terphenyl-d14	13.37	244	1326011	80.28	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	146574	31.50	ng	97
3) Pyridine	2.83	79	429640	33.88	ng	99
4) n-Nitrosodimethylamine	2.79	42	191848	36.76	ng	88
6) Aniline	5.55	93	282102	16.92	ng	# 10
8) 2-Chlorophenol	5.69	128	435452	40.90	ng	97
9) Benzaldehyde	5.42	77	86306	10.67	ng	97
10) Phenol	5.55	94	515538	37.81	ng	94
11) bis(2-Chloroethyl)ether	5.63	93	402472	37.77	ng	98
12) 1,3-Dichlorobenzene	5.86	146	453116	37.94	ng	99
13) 1,4-Dichlorobenzene	5.95	146	459301	37.97	ng	95
14) 1,2-Dichlorobenzene	6.12	146	429517	38.56	ng	98
15) Benzyl Alcohol	6.10	79	350557	39.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	561273	34.18	ng	97
17) 2-Methylphenol	6.24	107	365060	40.04	ng	97
18) Hexachloroethane	6.52	117	161350	37.95	ng	# 83
19) n-Nitroso-di-n-propylamine	6.42	70	291888	37.90	ng	98
20) 3+4-Methylphenols	6.42	107	455370	41.24	ng	# 63
22) Acetophenone	6.40	105	602140	40.39	ng	# 88
24) Nitrobenzene	6.60	77	437146	37.81	ng	95
25) Isophorone	6.89	82	803258	39.00	ng	95
26) 2-Nitrophenol	6.97	139	244521	44.35	ng	97
27) 2,4-Dimethylphenol	7.05	122	396035	41.69	ng	97
28) bis(2-Chloroethoxy)methane	7.15	93	516690	38.04	ng	99
29) 2,4-Dichlorophenol	7.27	162	379469	42.72	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	368741	40.31	ng	97
31) Naphthalene	7.46	128	1237856	38.48	ng	100
32) Benzoic acid	7.20	122	285845	45.20	ng	91
33) 4-Chloroaniline	7.52	127	126727	9.72	ng	# 93
34) Hexachlorobutadiene	7.62	225	183106	39.03	ng	98
35) Caprolactam	7.97	113	125670m	44.37	ng	
36) 4-Chloro-3-methylphenol	8.15	107	403771	43.50	ng	90
37) 2-Methylnaphthalene	8.30	142	870118	40.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	320323	36.89	ng	99
40) Hexachlorocyclopentadiene	8.50	237	337764	83.12	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094004.D
 Acq On : 28 Mar 2017 20:35
 Operator : SJ/MA
 Sample : PB97860BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

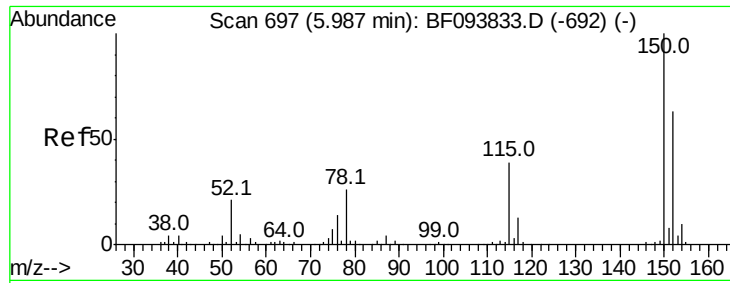
Manual Integrations
 APPROVED

mohammad
 3/29/2017 1:56:55 PM

Quant Time: Mar 29 03:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	265445	43.21	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	266607	40.11	nq	93
45) 1,1'-Biphenyl	8.87	154	992694	38.77	nq	97
46) 2-Chloronaphthalene	8.90	162	776634	38.75	nq	95
47) 2-Nitroaniline	9.02	65	232677	39.14	nq	89
48) Acenaphthylene	9.40	152	1252182	37.59	nq	99
49) Dimethylphthalate	9.27	163	943428	41.81	nq	100
50) 2,6-Dinitrotoluene	9.33	165	213961	41.37	nq	# 86
51) Acenaphthene	9.62	154	740076	38.08	nq	100
52) 3-Nitroaniline	9.53	138	108252	17.82	nq	94
53) 2,4-Dinitrophenol	9.66	184	225192	81.28	nq	# 75
54) Dibenzofuran	9.83	168	1086200	41.05	nq	99
55) 4-Nitrophenol	9.77	139	336698	70.79	nq	# 67
56) 2,4-Dinitrotoluene	9.83	165	263492	40.55	nq	# 76
57) Fluorene	10.25	166	806836	36.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	199889	43.82	nq	98
59) Diethylphthalate	10.13	149	927529	41.59	nq	100
60) 4-Chlorophenyl-phenylether	10.26	204	357142	38.21	nq	92
61) 4-Nitroaniline	10.29	138	217149	37.26	nq	98
62) Azobenzene	10.45	77	880048	41.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	142708	42.33	nq	# 69
65) n-Nitrosodiphenylamine	10.41	169	764700	40.17	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	219992	40.64	nq	97
67) Hexachlorobenzene	10.93	284	225845	41.21	nq	# 87
68) Atrazine	11.08	200	212750	37.31	nq	98
69) Pentachlorophenol	11.17	266	234696	68.80	nq	99
70) Phenanthrene	11.43	178	1188485	38.81	nq	99
71) Anthracene	11.50	178	1229245	38.99	nq	99
72) Carbazole	11.70	167	1105316	34.19	nq	98
73) Di-n-butylphthalate	12.15	149	1411286	41.98	nq	99
74) Fluoranthene	12.89	202	1161062	37.03	nq	99
76) Benzidine	13.06	184	138133	9.43	nq	# 93
77) Pyrene	13.17	202	1152534	42.89	nq	100
79) Butylbenzylphthalate	13.99	149	561847	49.07	nq	89
80) Benzo(a)anthracene	14.64	228	869034	40.25	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	165306	21.42	nq	# 97
82) Chrysene	14.68	228	762392	38.05	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	767500	49.14	nq	# 99
84) Di-n-octyl phthalate	15.45	149	1235482	47.35	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	654271	37.71	nq	100
87) Benzo(b)fluoranthene	15.87	252	716311	42.46	nq	97
88) Benzo(k)fluoranthene	15.90	252	644575m	39.05	nq	
89) Benzo(a)pyrene	16.22	252	641758	41.31	nq	99
90) Dibenzo(a,h)anthracene	17.66	278	543951	41.35	nq	97
91) Benzo(g,h,i)perylene	18.04	276	527287	39.77	nq	97

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



#1

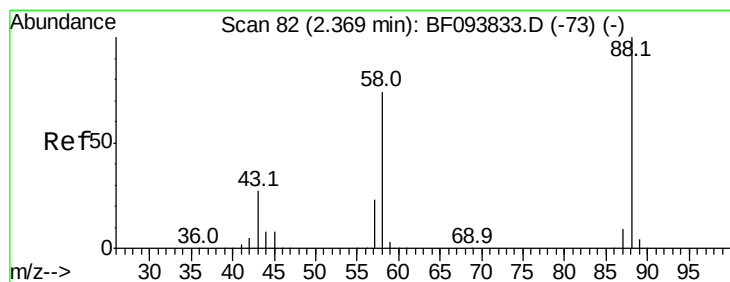
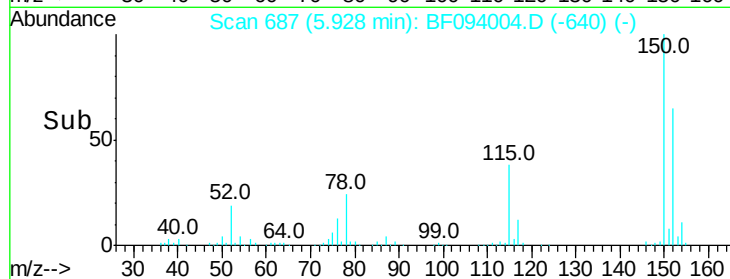
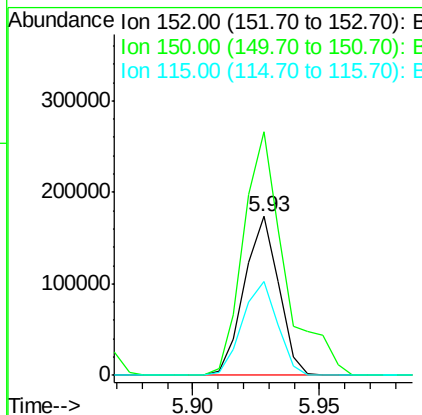
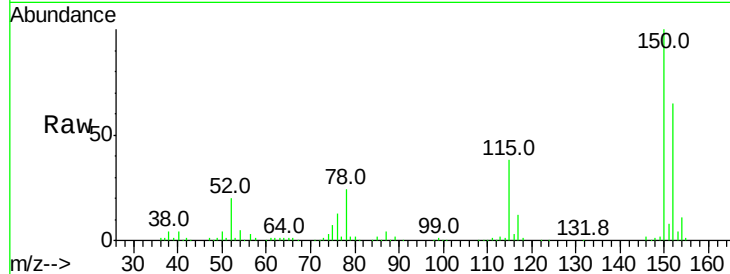
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	59.0	52.2	78.2

Manual Integrations
APPROVED

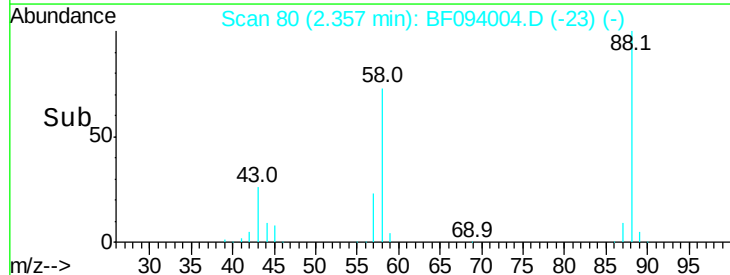
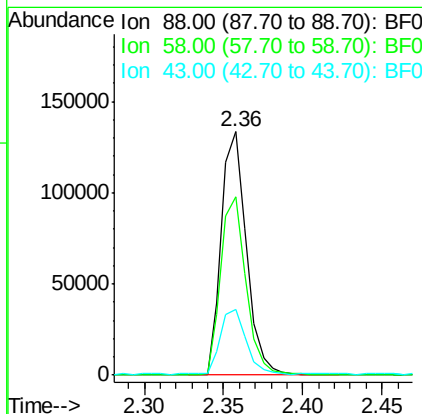
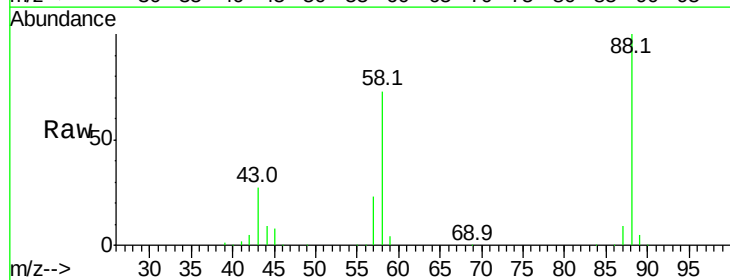
mohammad
3/29/2017 1:56:55 PM

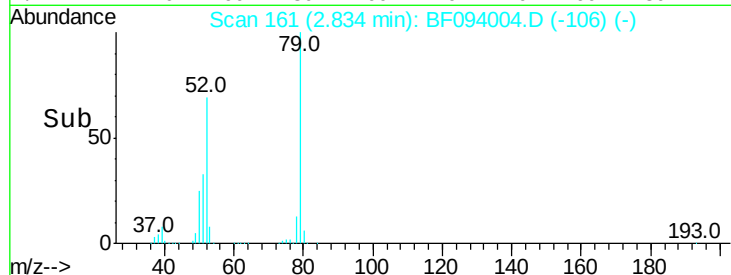
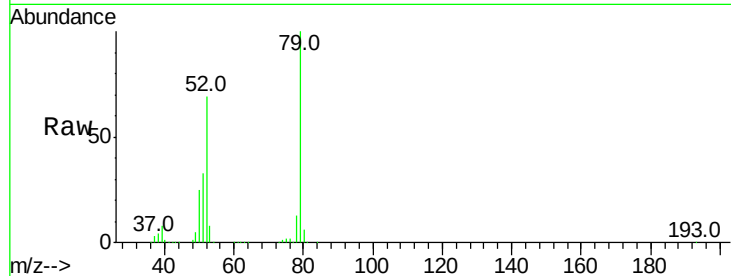
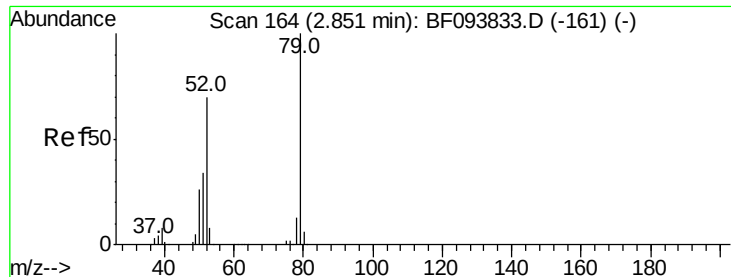


#2

1,4-Dioxane
Concen: 31.50 ng
RT: 2.36 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	61.4	92.0
43	27.3	23.4	35.0





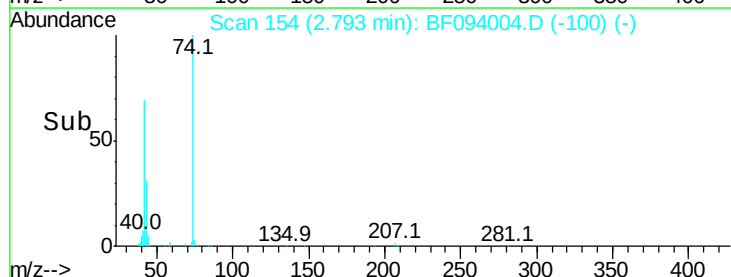
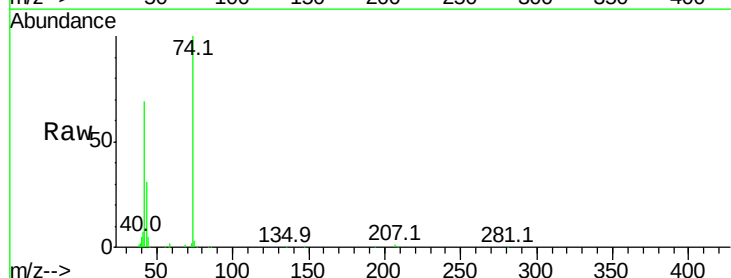
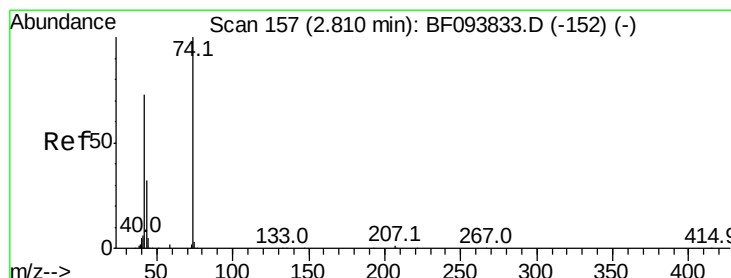
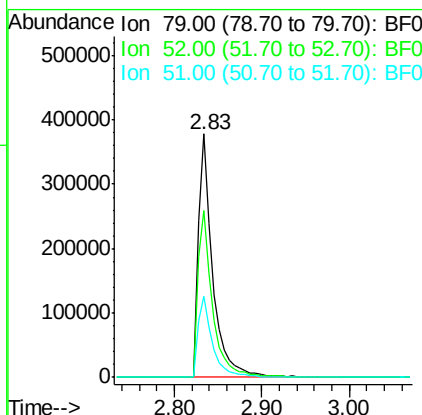
#3
 Pvridine
 Concen: 33.88 ng
 RT: 2.83 min Scan# 161
 Delta R.T. 0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	54.8	82.2
51	33.0	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

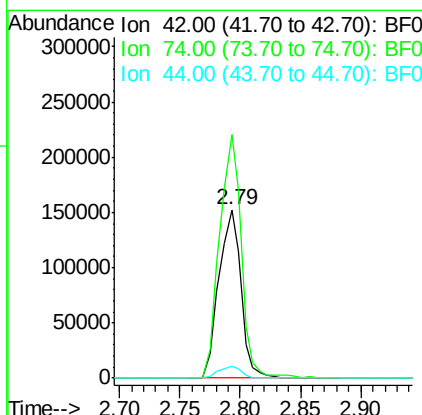
Manual Integrations
 APPROVED

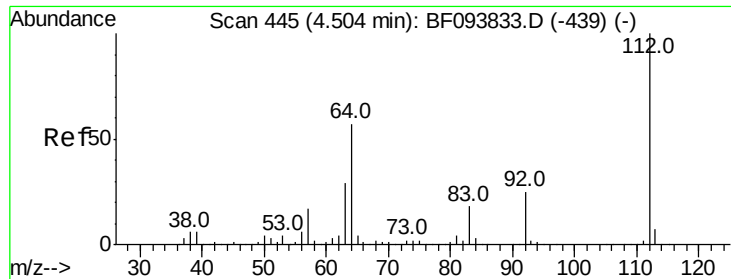
mohammad
 3/29/2017 1:56:55 PM



#4
 n-Nitrosodimethylamine
 Concen: 36.76 ng
 RT: 2.79 min Scan# 154
 Delta R.T. 0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.5	103.9	155.9
44	7.4	5.7	8.5





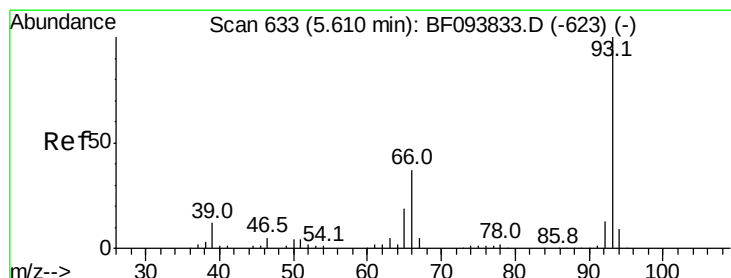
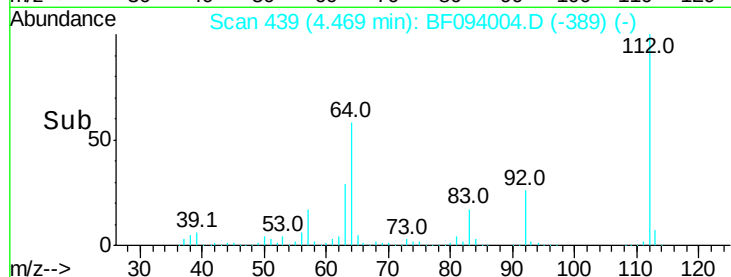
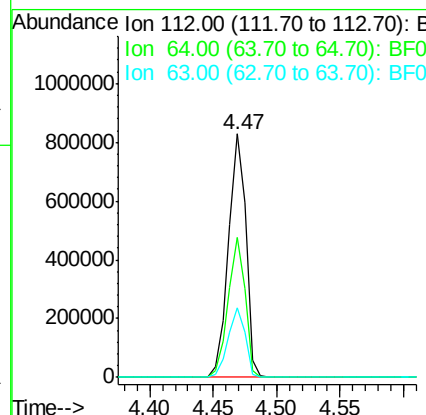
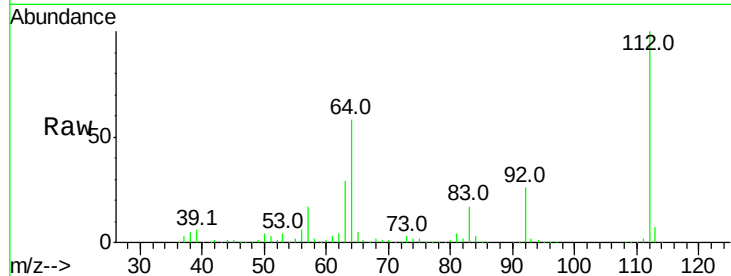
#5
2-Fluorophenol
Concen: 81.81 ng
RT: 4.47 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :
PB97860BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.6	46.0	69.0
63	28.7	23.4	35.0

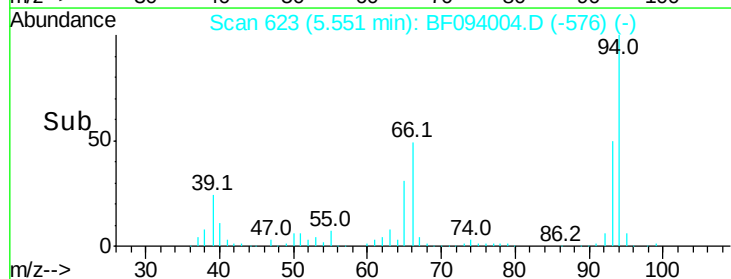
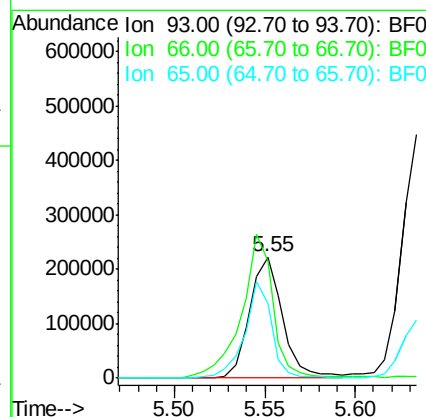
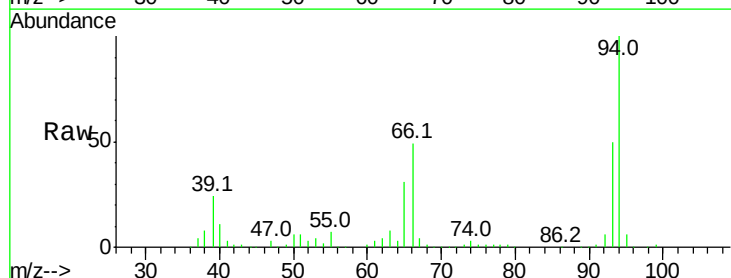
Manual Integrations
APPROVED

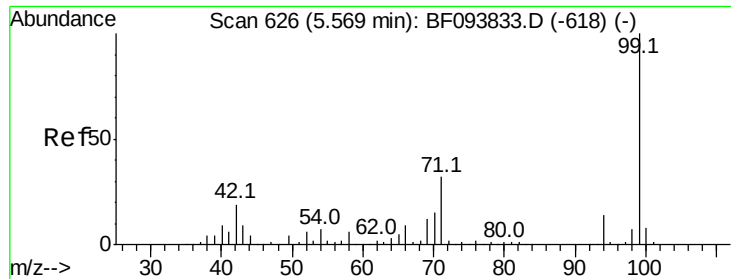
mohammad
3/29/2017 1:56:55 PM



#6
Aniline
Concen: 16.92 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	96.8	32.9	49.3#
65	61.8	16.0	24.0#





#7

Phenol-d6

Concen: 82.21 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

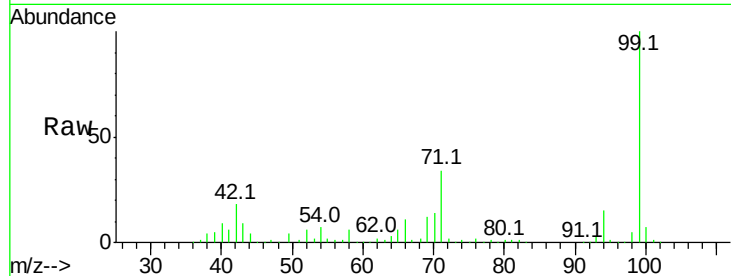
ClientSampleId :

PB97860BSD

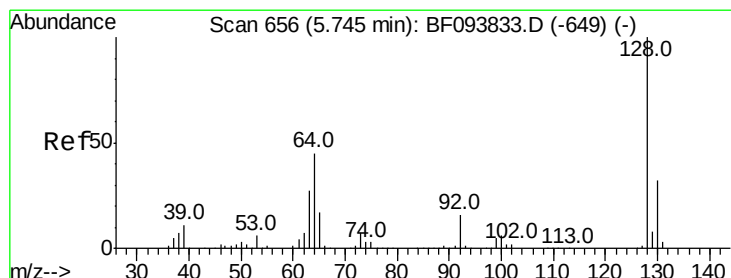
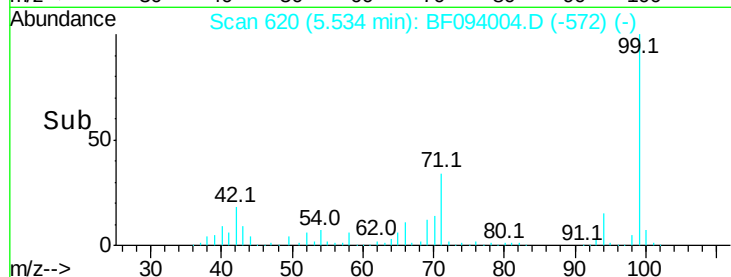
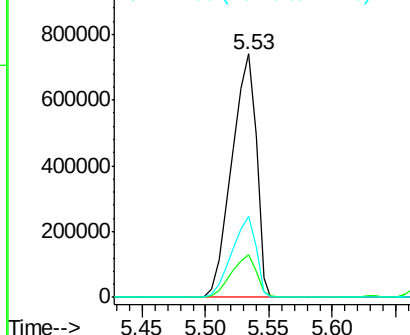
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		985109		
42	17.5	13.5	20.3		
71	33.5	24.5	36.7		

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 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: 40.90 ng

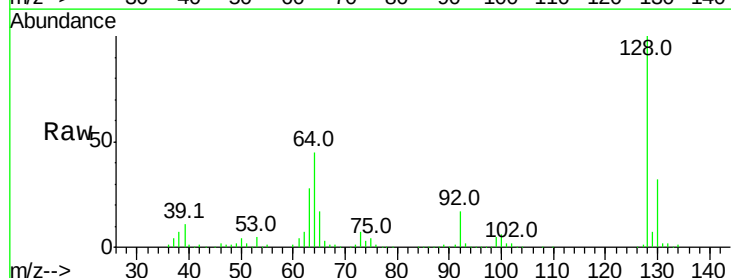
RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

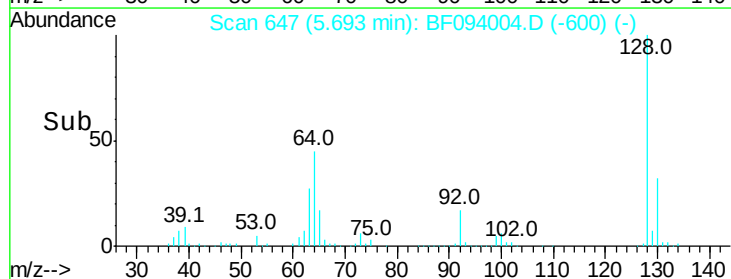
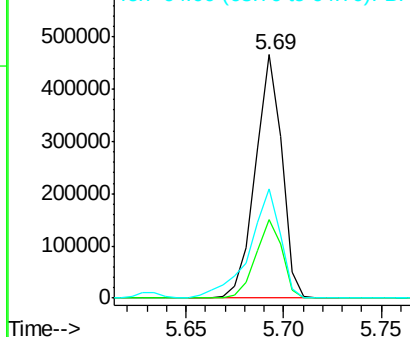
Lab File: BF094004.D

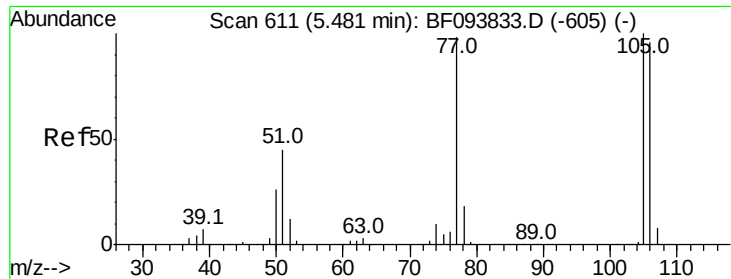
Acq: 28 Mar 2017 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		435452		
130	32.4	12.9	52.9		
64	44.9	28.4	68.4		



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





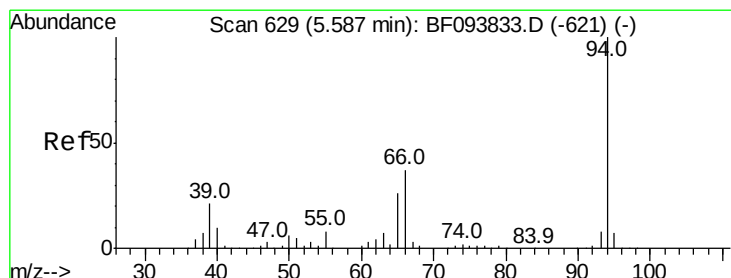
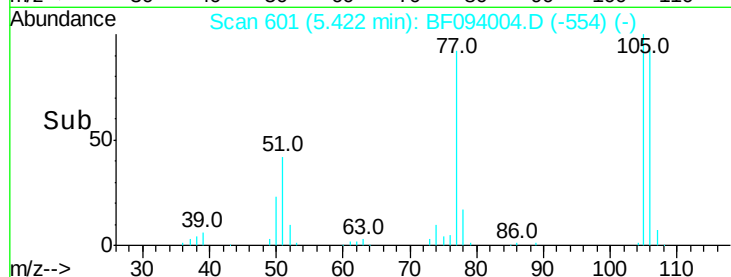
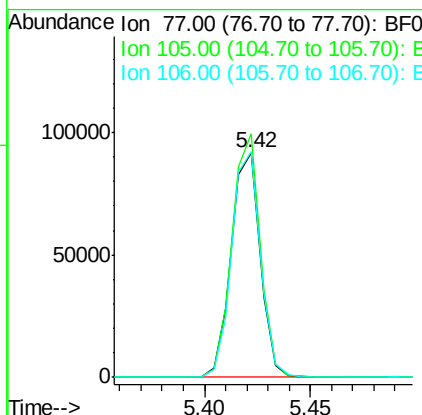
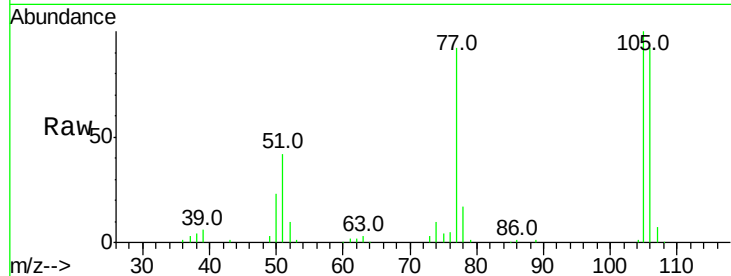
#9
Benzaldehyde
Concen: 10.67 ng
RT: 5.42 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.2	83.8	123.8
106	100.1	79.1	119.1

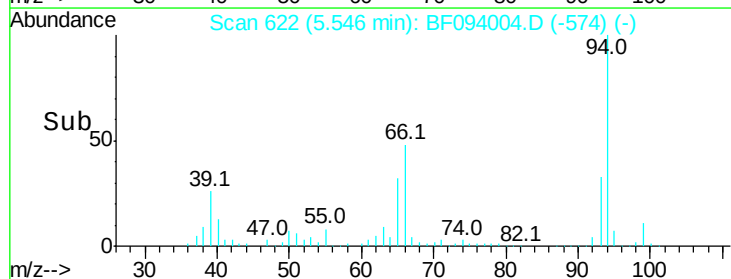
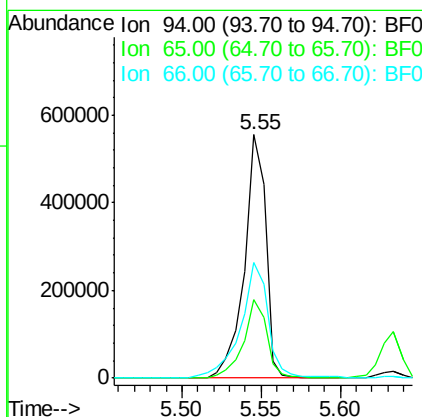
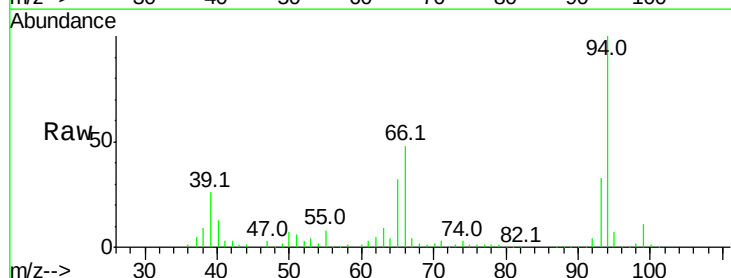
Manual Integrations
APPROVED

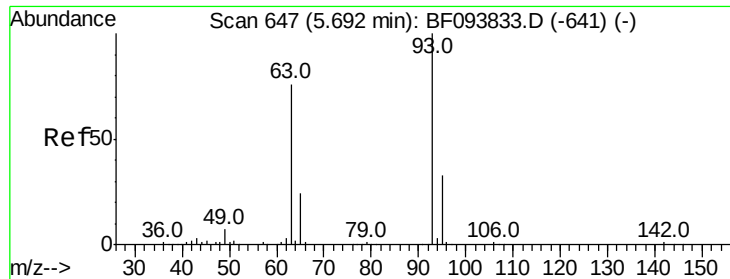
mohammad
3/29/2017 1:56:55 PM



#10
Phenol
Concen: 37.81 ng
RT: 5.55 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.9	49.9
66	47.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.77 ng

RT: 5.63 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

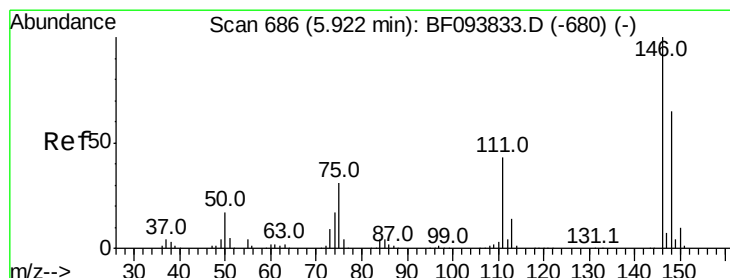
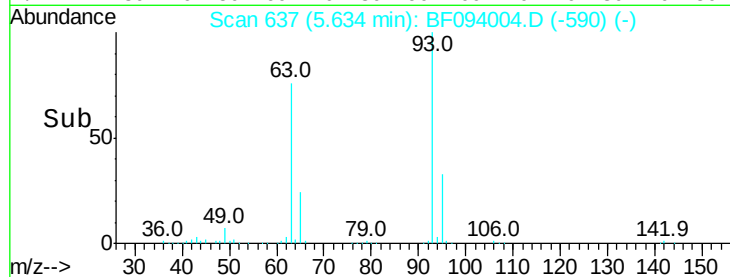
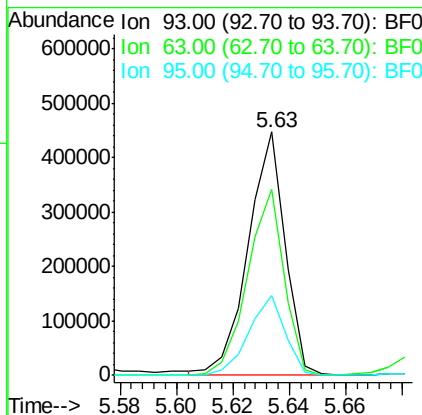
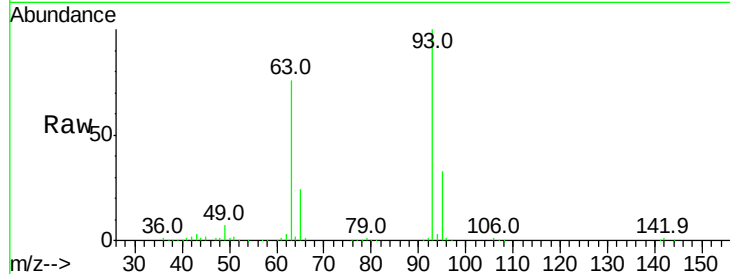
ClientSampleId :

PB97860BSD

Tot Ion:	93	Resp:	402472
Ion Ratio	Lower	Upper	
93	100		
63	76.3	59.2	99.2
95	32.7	12.8	52.8

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#12

1,3-Dichlorobenzene

Concen: 37.94 ng

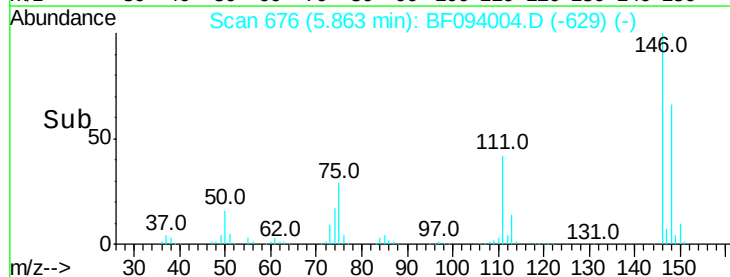
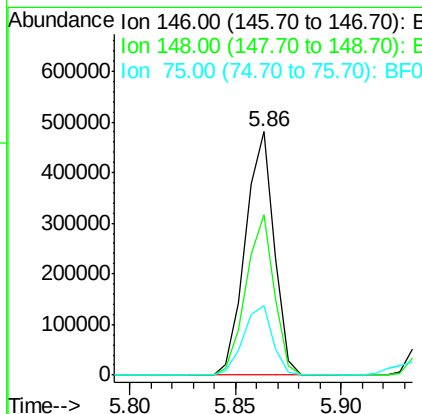
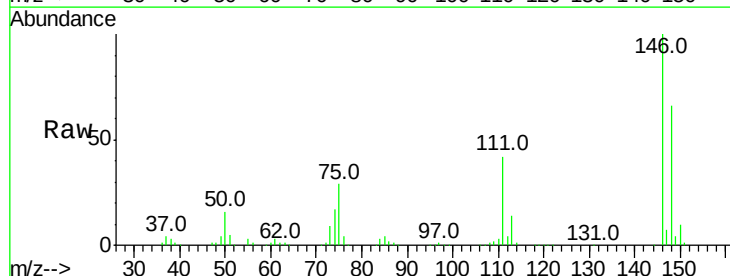
RT: 5.86 min Scan# 676

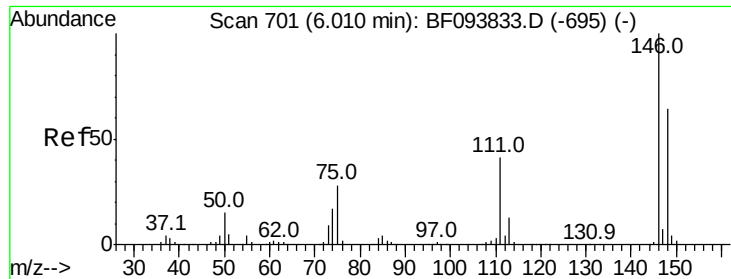
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:	146	Resp:	453116
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.8	77.6
75	28.6	23.1	34.7





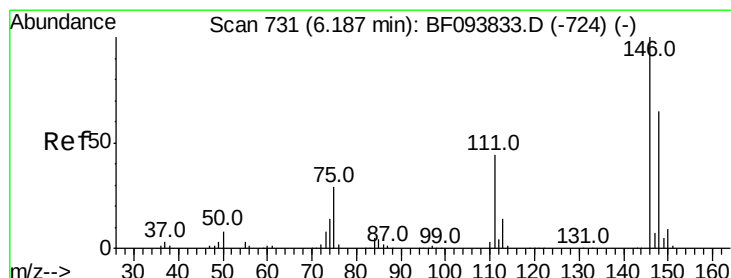
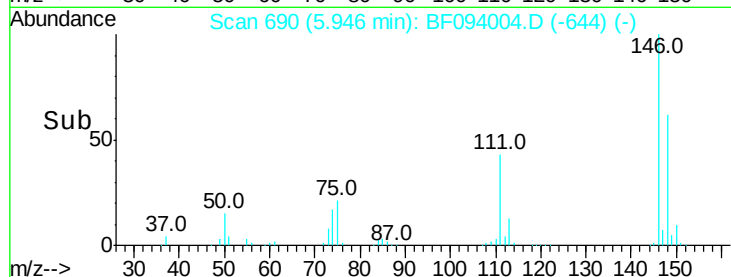
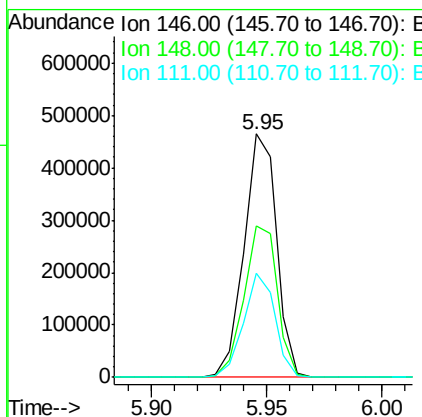
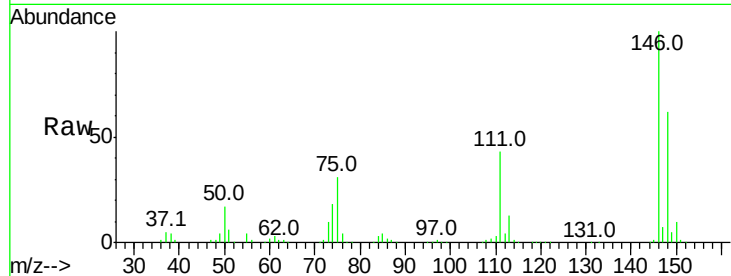
#13
 1,4-Dichlorobenzene
 Concen: 37.97 ng
 RT: 5.95 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	42.5	30.3	45.5

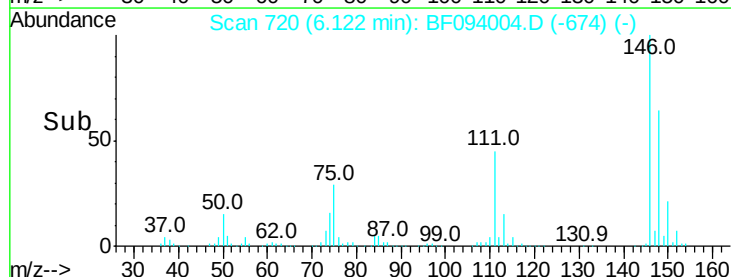
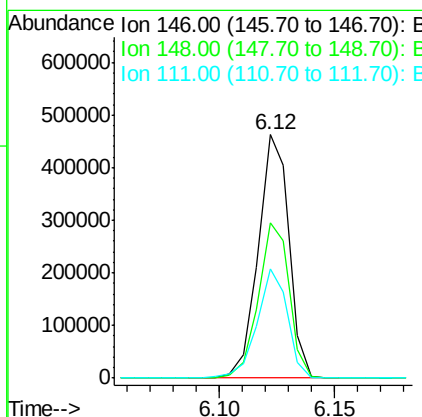
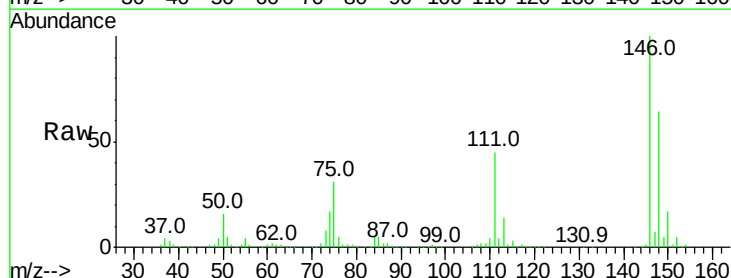
Manual Integrations
 APPROVED

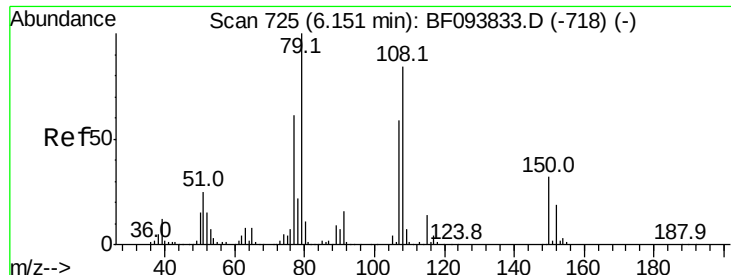
mohammad
 3/29/2017 1:56:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.56 ng
 RT: 6.12 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	44.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 39.97 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

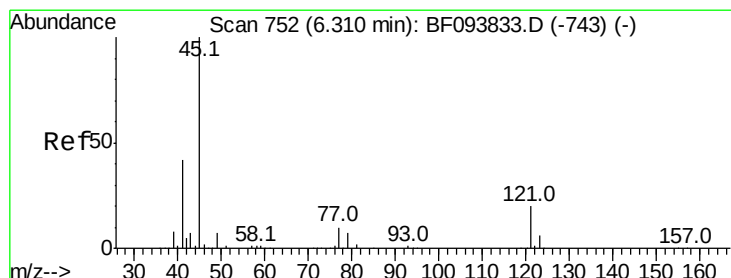
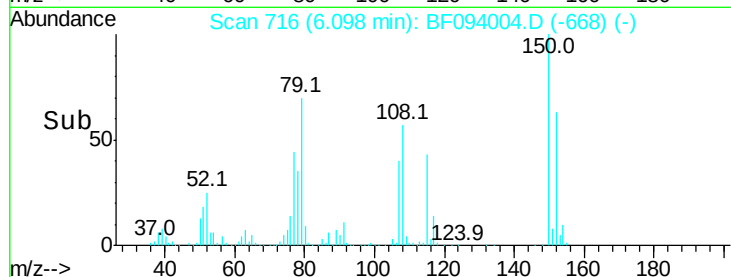
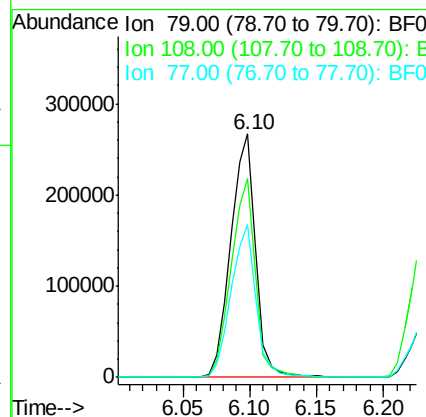
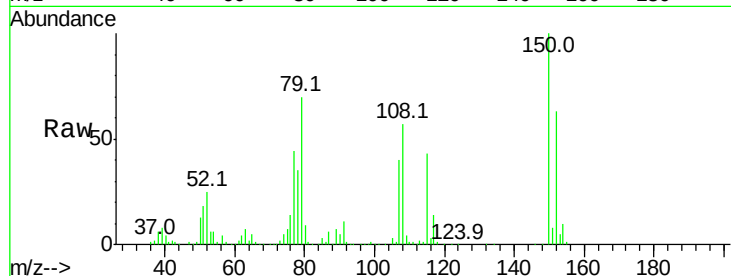
ClientSampleId :

PB97860BSD

Tot Ion:	79	Resp:	350557
Ion Ratio	Lower	Upper	
79	100		
108	81.9	63.4	95.0
77	62.6	49.2	73.8

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.18 ng

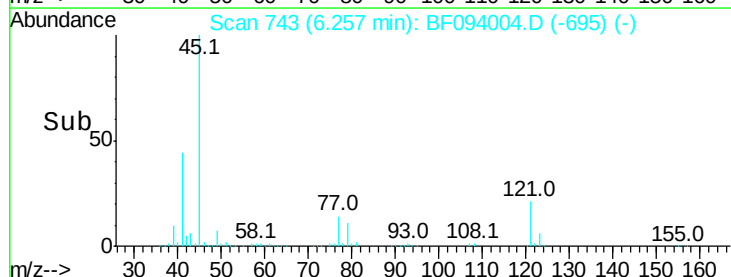
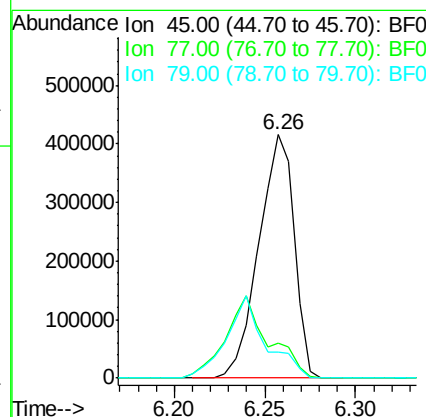
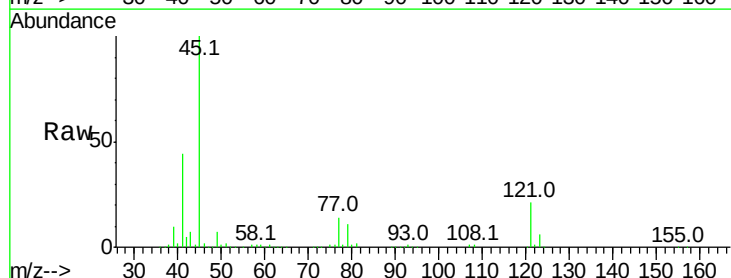
RT: 6.26 min Scan# 743

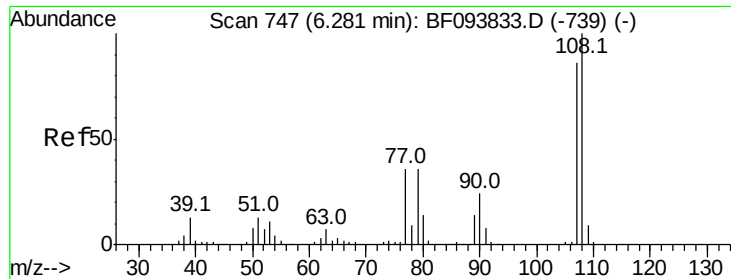
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:	45	Resp:	561273
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	33.2
79	10.9	0.0	30.0





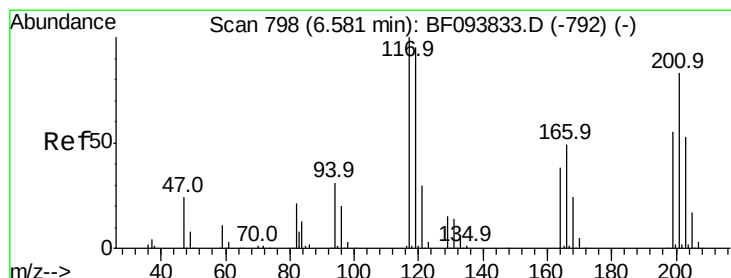
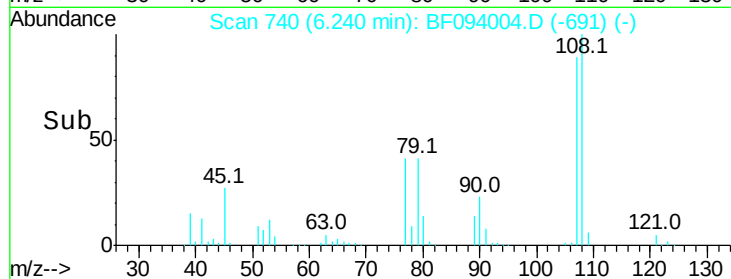
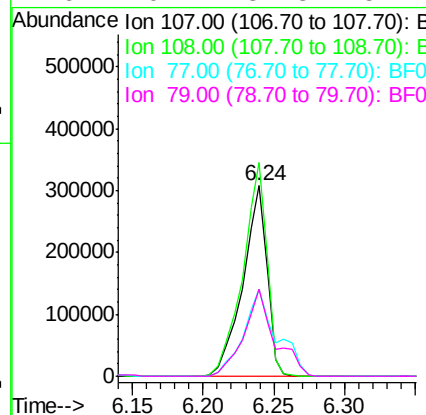
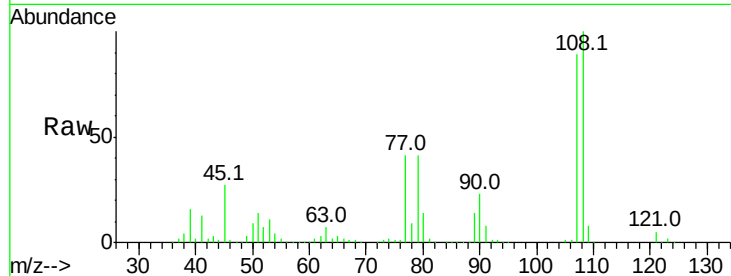
#17
2-Methylphenol
Concen: 40.04 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	93.4	140.0
77	45.5	35.8	53.6
79	46.1	34.8	52.2

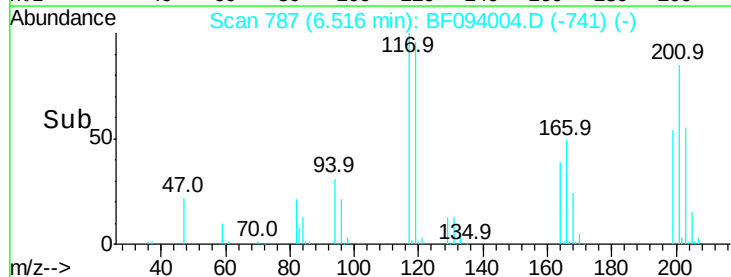
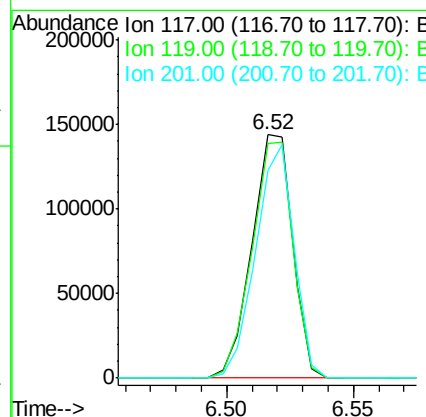
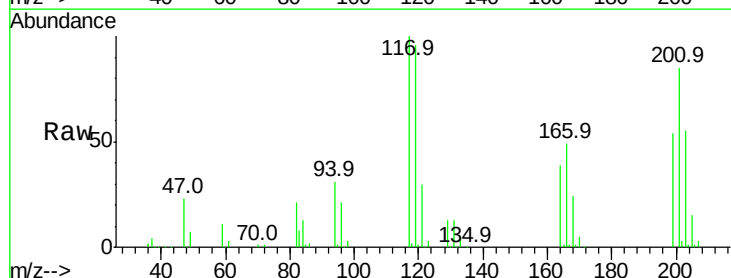
Manual Integrations
APPROVED

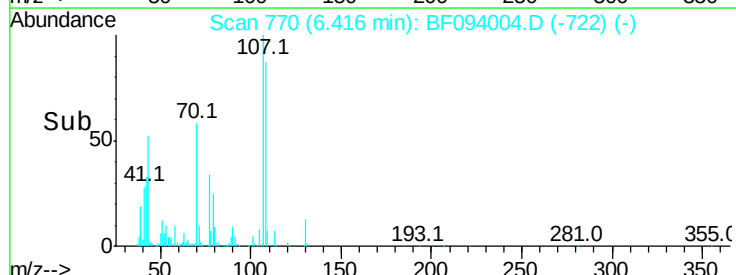
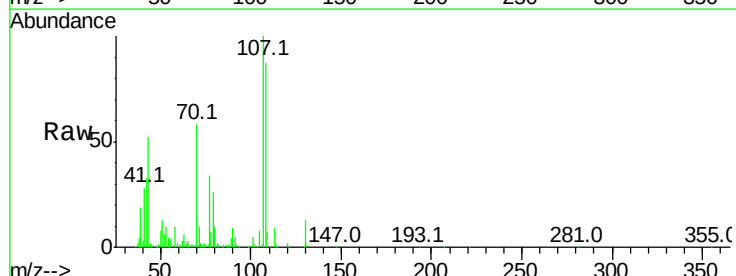
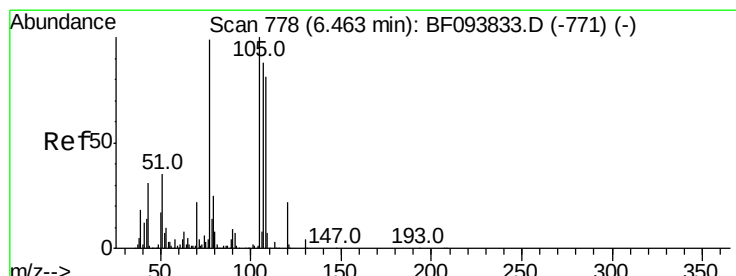
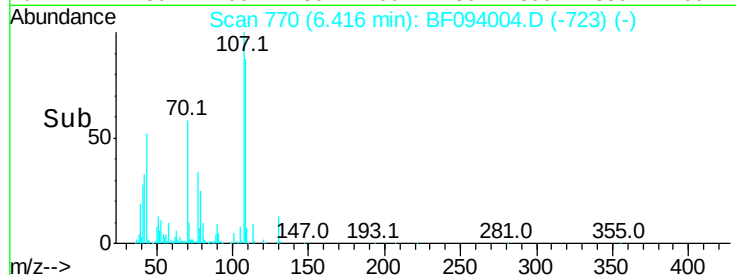
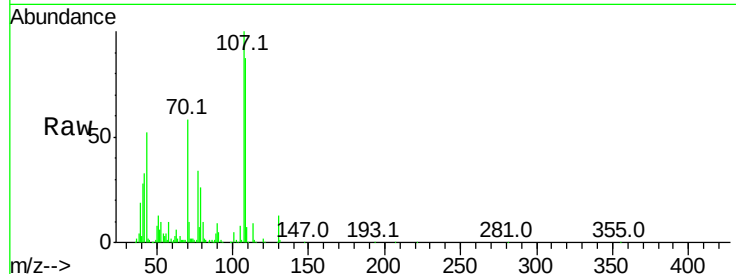
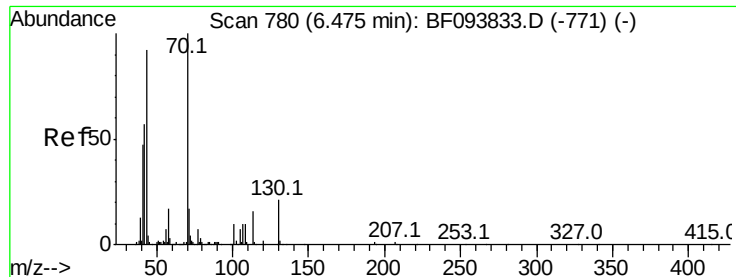
mohammad
3/29/2017 1:56:55 PM



#18
Hexachloroethane
Concen: 37.95 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	85.1	94.6	141.8#





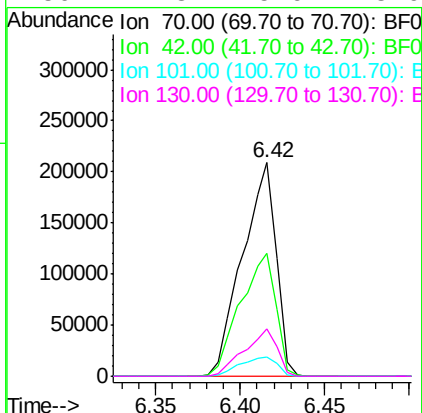
#19
n-Nitroso-di-n-propylamine
Concen: 37.90 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.2	70.8
101	9.2	7.2	10.8
130	22.3	15.9	23.9

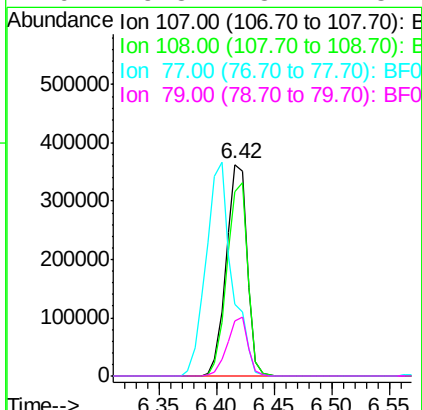
Manual Integrations
APPROVED

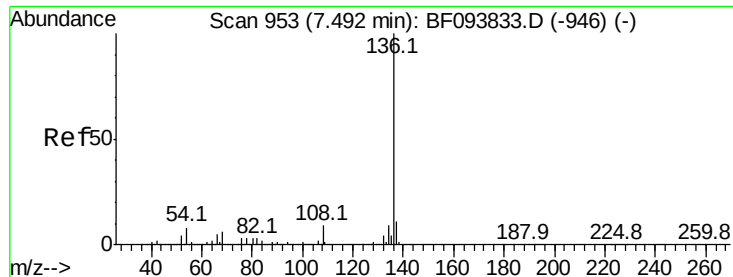
mohammad
3/29/2017 1:56:55 PM



#20
3+4-Methylphenols
Concen: 41.24 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.0	111.0
77	34.0	90.5	130.5#
79	25.8	8.4	48.4





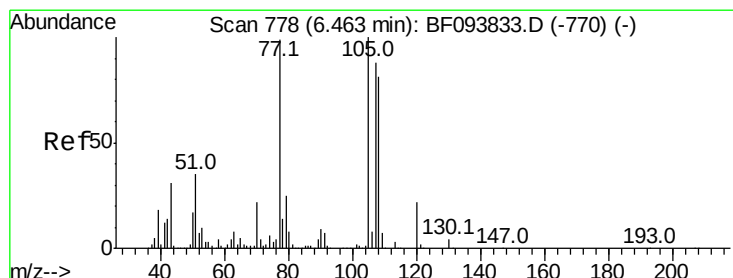
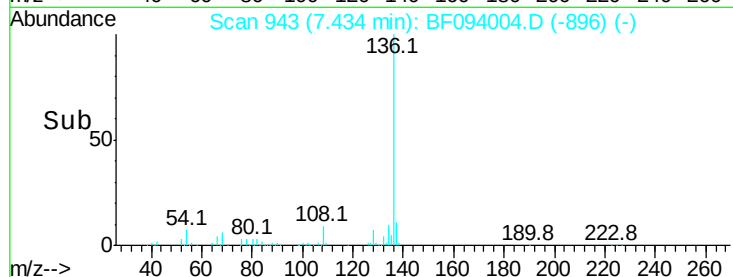
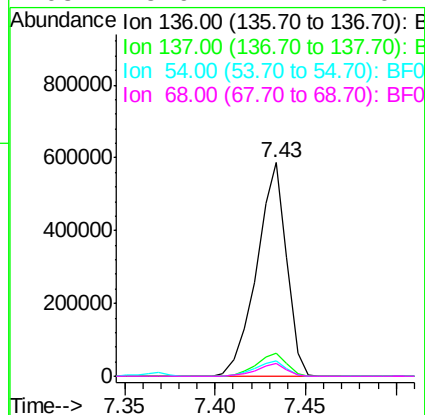
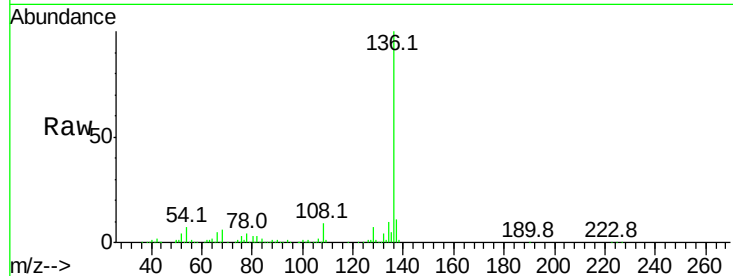
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	668972		
137	11.1		8.5	12.7
54	7.3		4.9	7.3
68	5.9		4.1	6.1

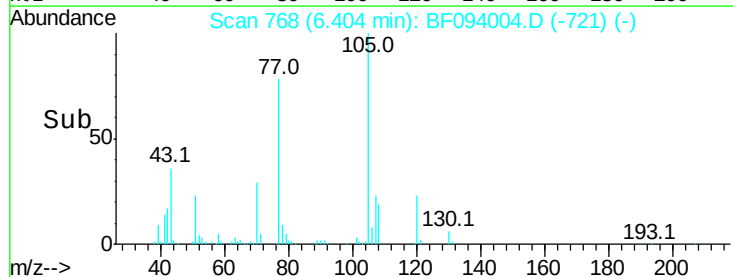
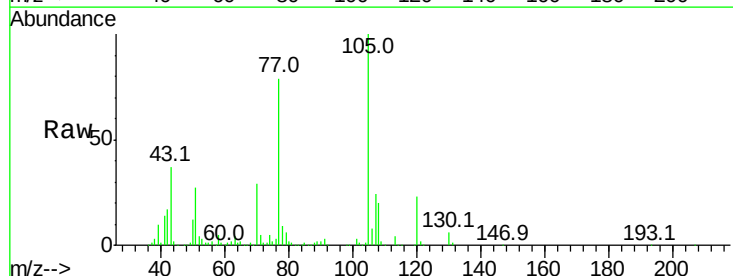
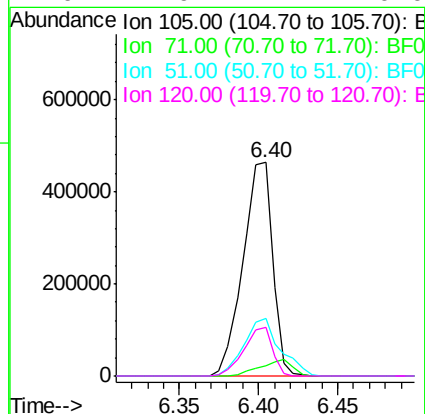
Manual Integrations
APPROVED

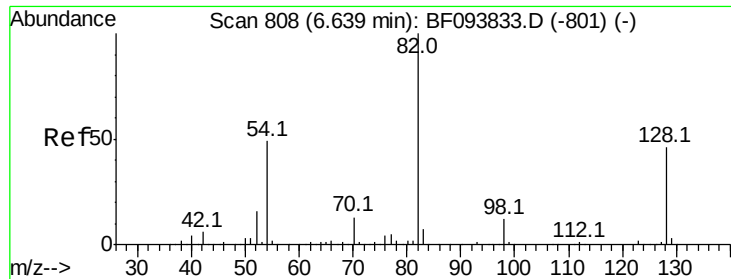
mohammad
3/29/2017 1:56:55 PM



#22
Acetophenone
Concen: 40.39 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	602140		
71	5.0		2.8	4.2#
51	27.0		30.7	46.1#
120	22.9		17.4	26.0





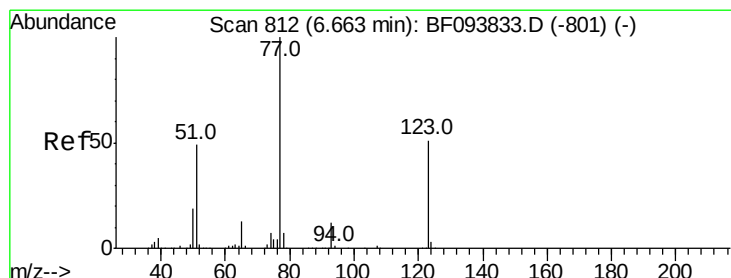
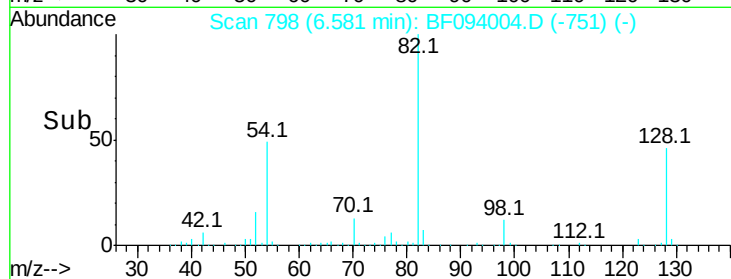
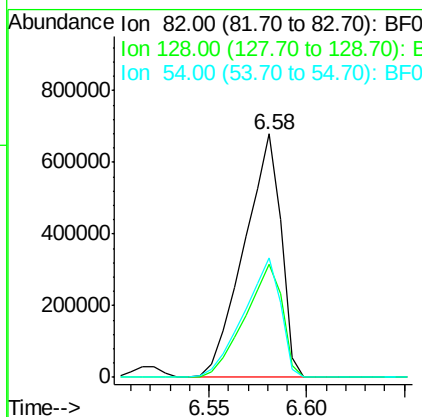
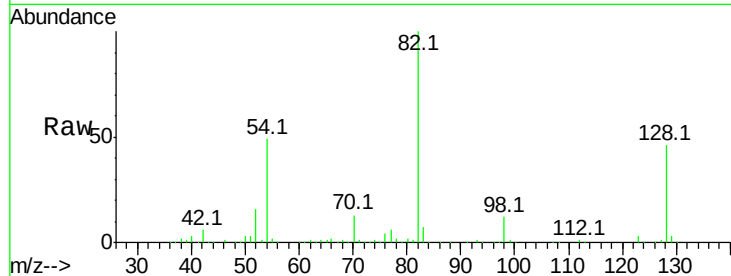
#23
 Nitrobenzene-d5
 Concen: 75.88 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	49.0	42.2	63.2

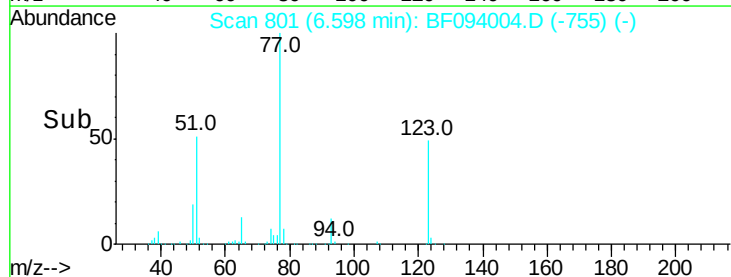
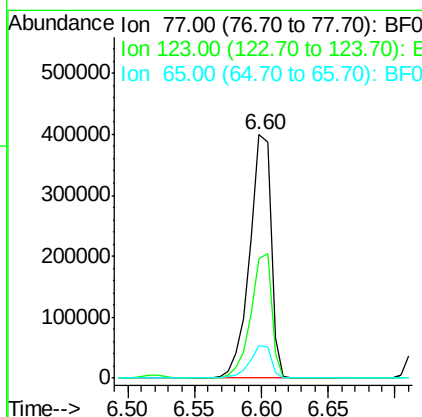
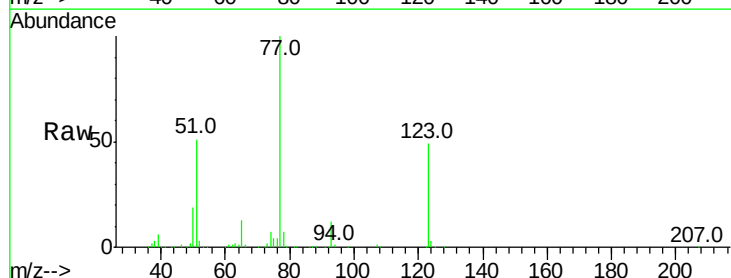
Manual Integrations
 APPROVED

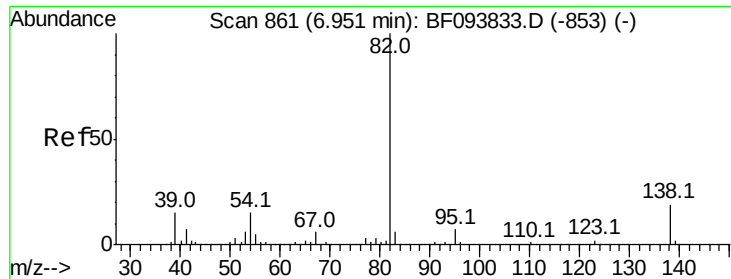
mohammad
 3/29/2017 1:56:55 PM



#24
 Nitrobenzene
 Concen: 37.81 ng
 RT: 6.60 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	35.8	53.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 39.00 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

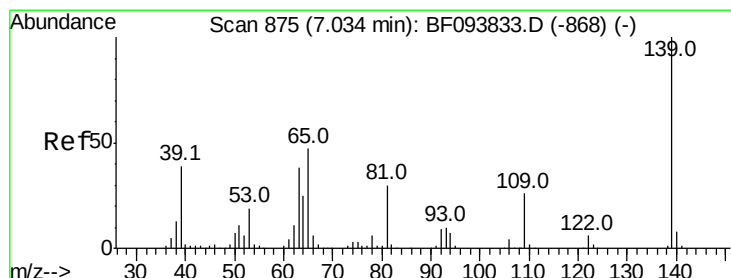
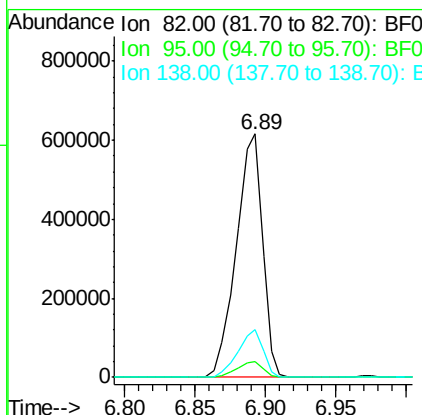
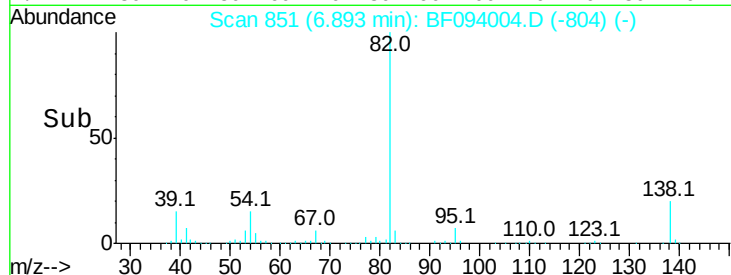
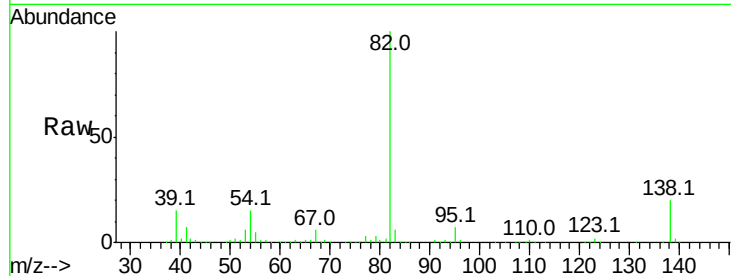
ClientSampleId :

PB97860BSD

Tot Ion:	82	Resp:	803258
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	19.6	13.1	19.7

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#26

2-Nitrophenol

Concen: 44.35 ng

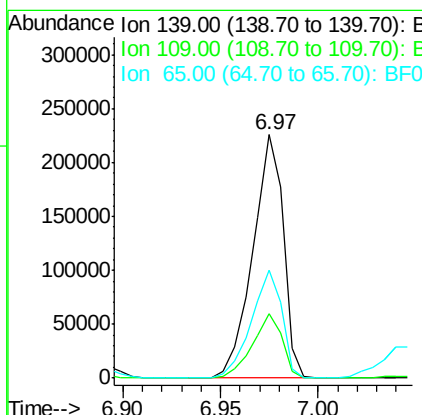
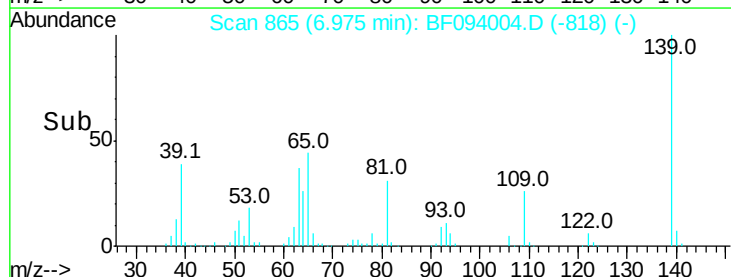
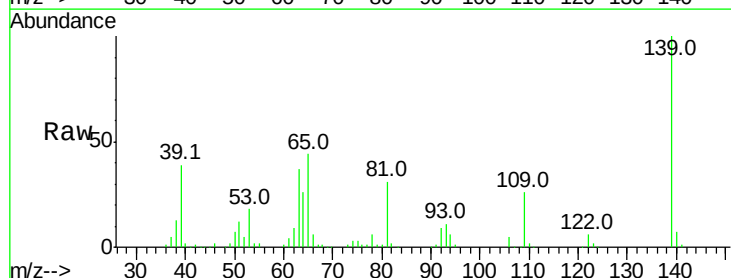
RT: 6.97 min Scan# 865

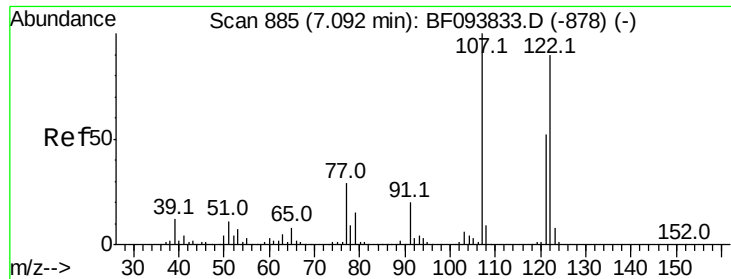
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:	139	Resp:	244521
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.6
65	44.4	33.0	49.6





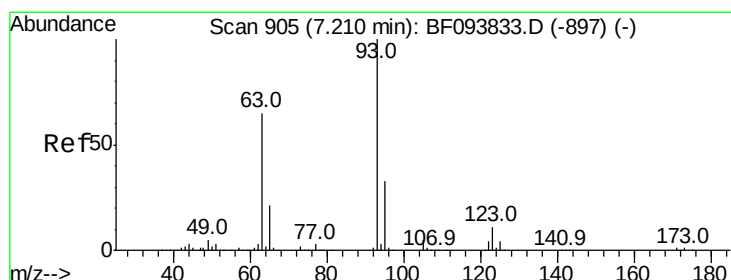
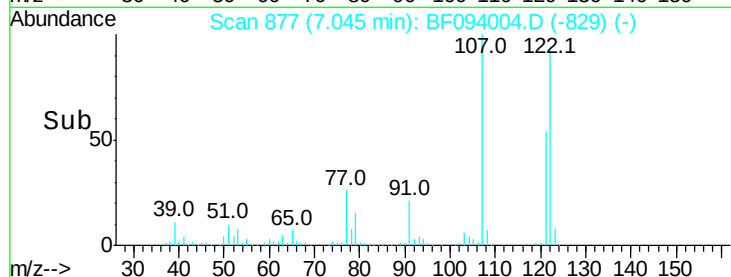
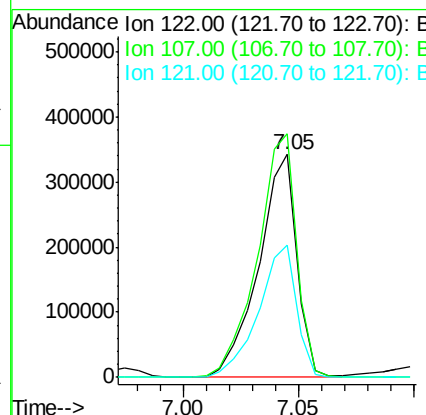
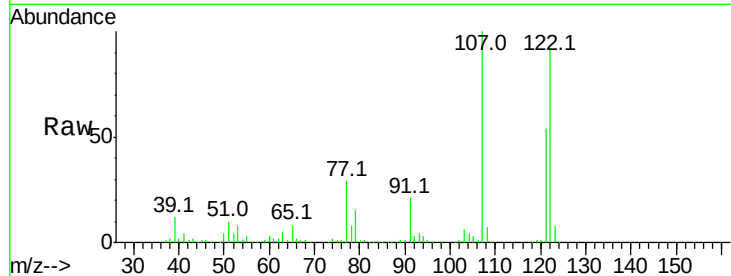
#27
2,4-Dimethylphenol
Concen: 41.69 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	396035		
107	109.1	89.2	133.8	
121	59.0	45.2	67.8	

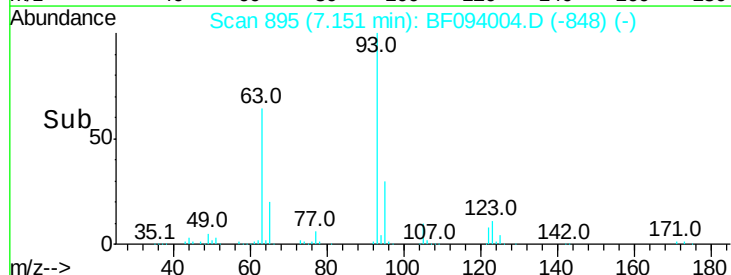
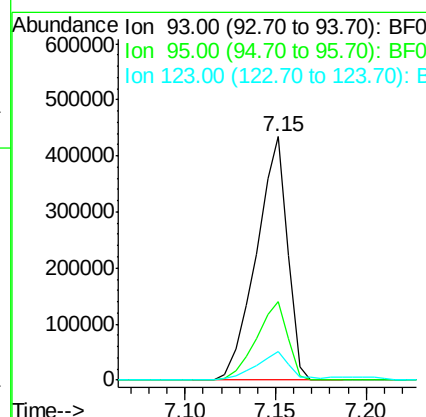
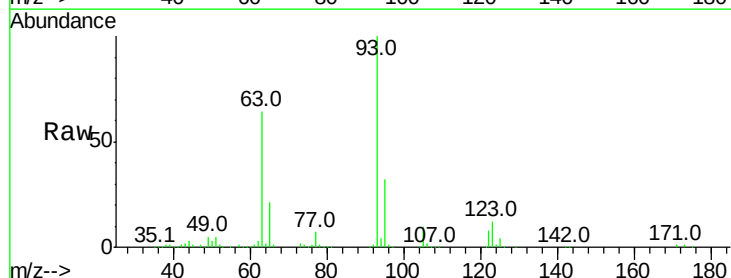
Manual Integrations
APPROVED

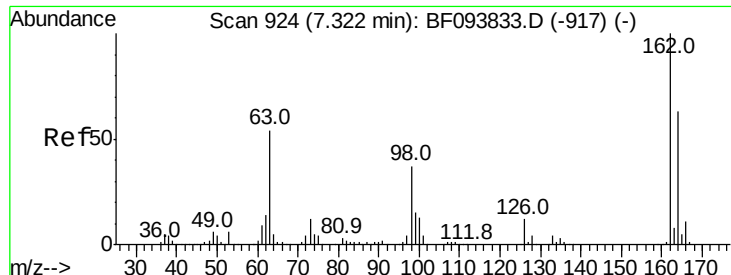
mohammad
3/29/2017 1:56:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.04 ng
RT: 7.15 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	516690		
95	32.5	26.5	39.7	
123	11.6	9.0	13.4	





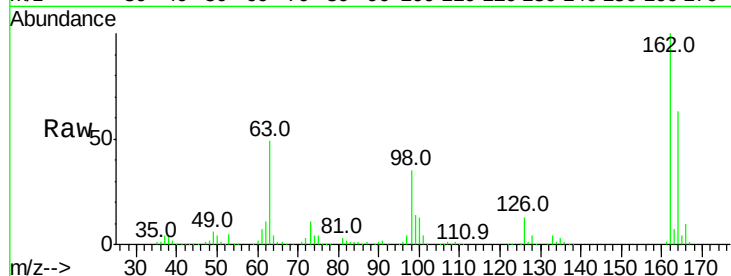
#29
 2,4-Dichlorophenol
 Concen: 42.72 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

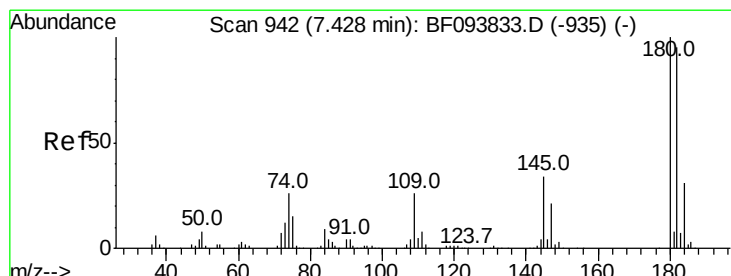
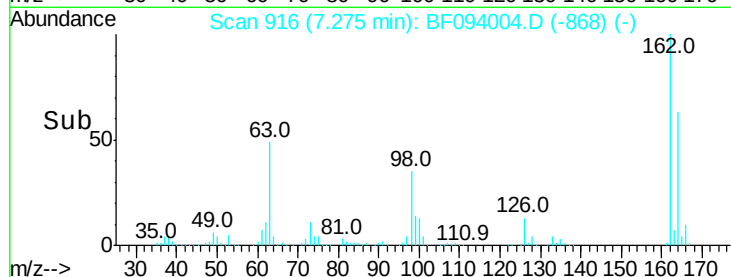
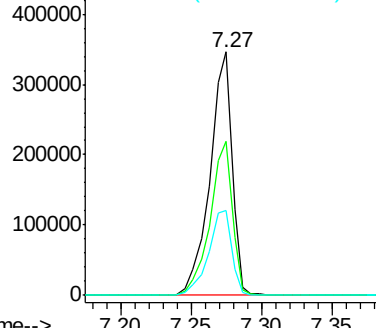
Tot Ion	Ratio	Resp	Lower	Upper
162	100	379469		
164	63.5	44.6	84.6	
98	35.0	14.8	54.8	

Manual Integrations
 APPROVED

mohammad
 3/29/2017 1:56:55 PM

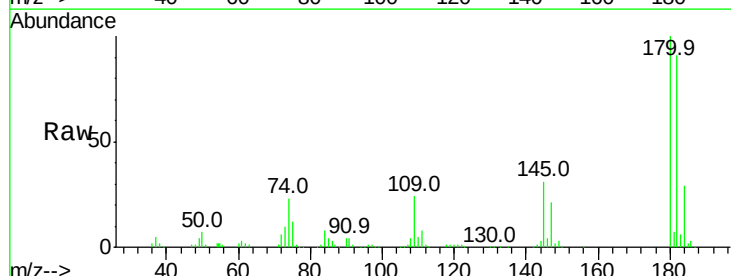


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

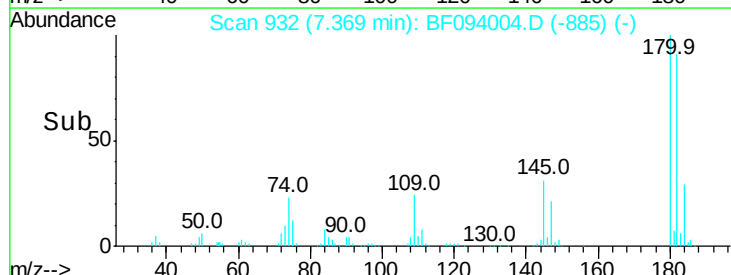
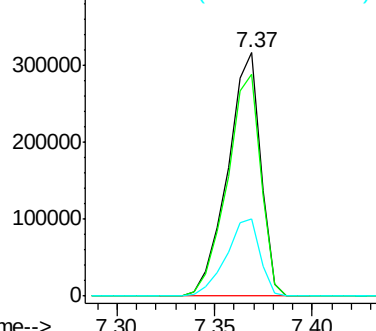


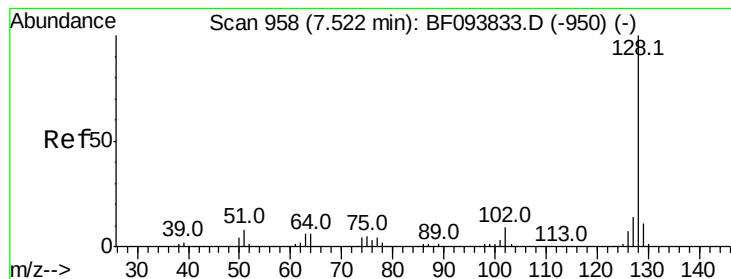
#30
 1,2,4-Trichlorobenzene
 Concen: 40.31 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	368741		
182	91.2	75.8	113.6	
145	31.5	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.48 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB97860BSD

Tot Ion:128 Resp: 1237856

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

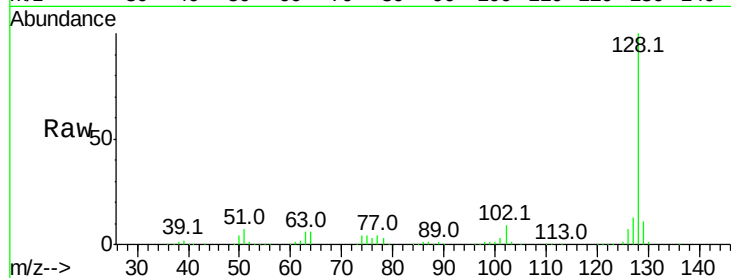
127 13.3 10.8 16.2

Manual Integrations

APPROVED

mohammad

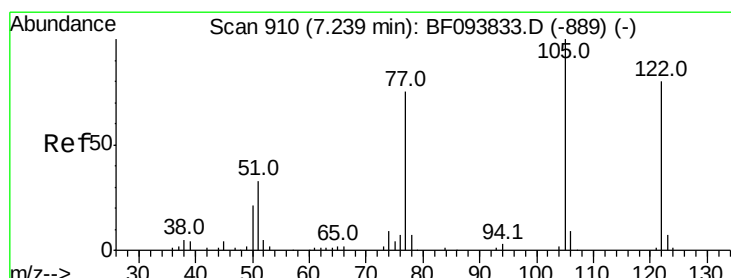
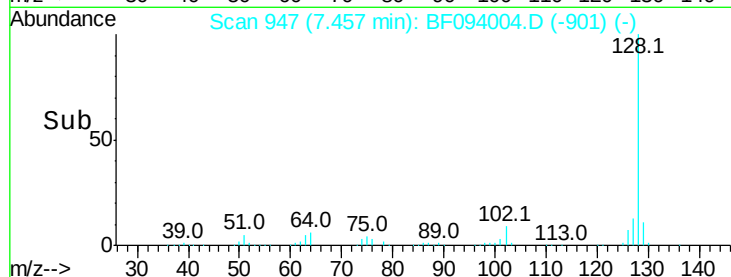
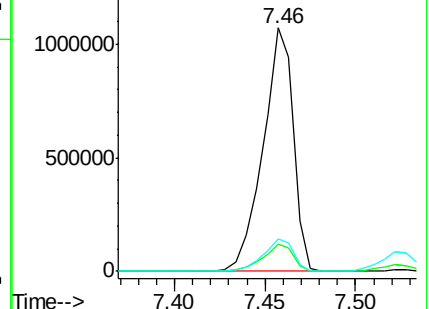
3/29/2017 1:56:55 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.20 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

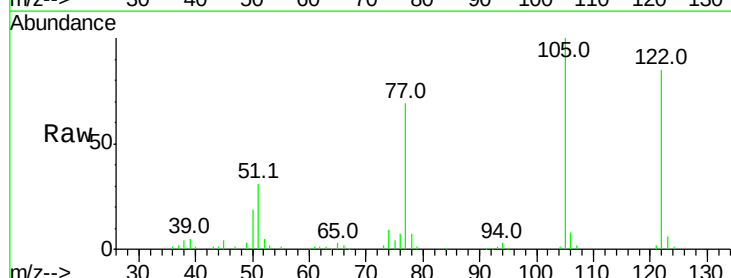
Tgt Ion:122 Resp: 285845

Ion Ratio Lower Upper

122 100

105 117.3 103.3 143.3

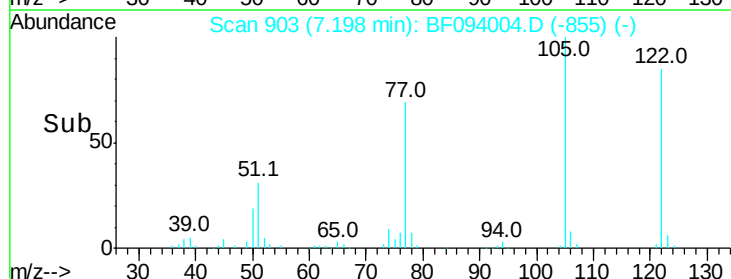
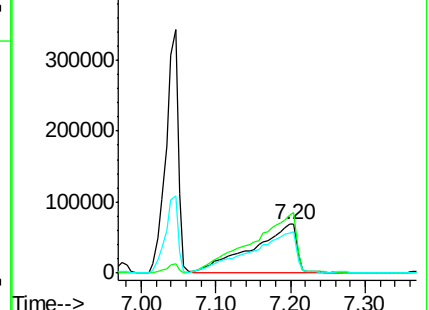
77 80.9 73.7 113.7

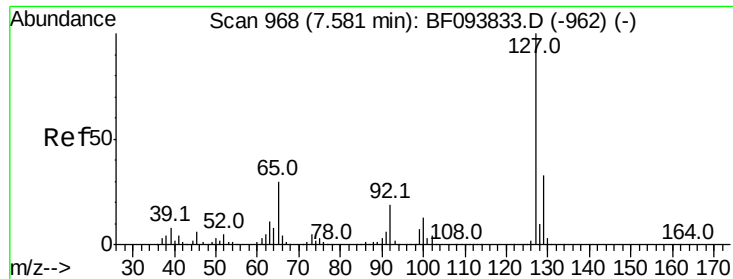


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





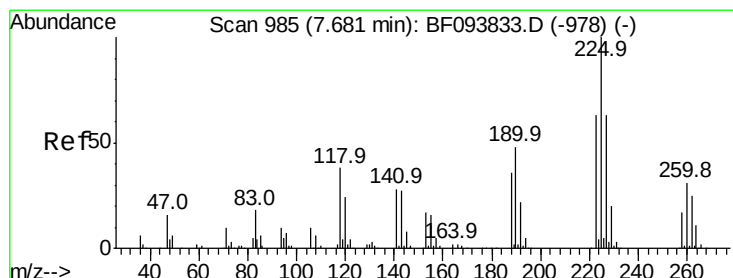
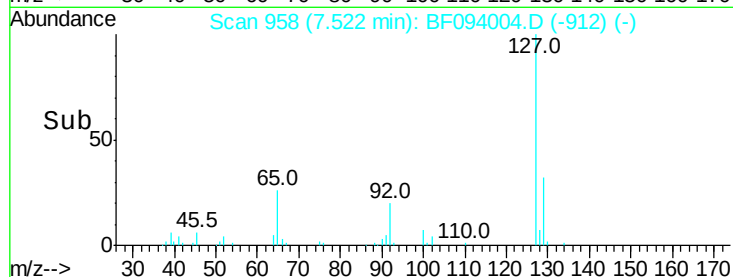
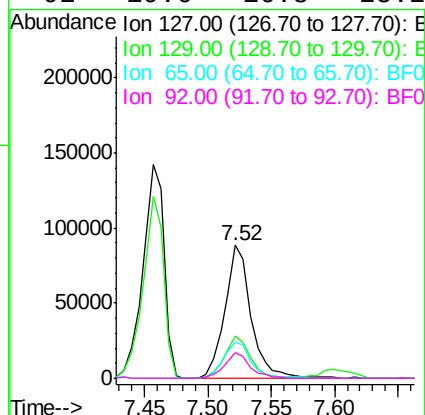
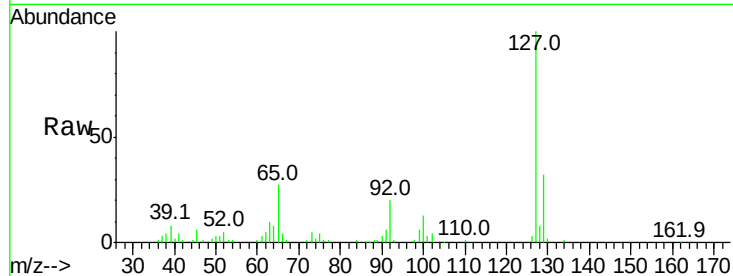
#33
4-Chloroaniline
Concen: 9.72 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.2	39.2		
65	26.9	27.8	41.8		
92	19.6	16.8	25.2		

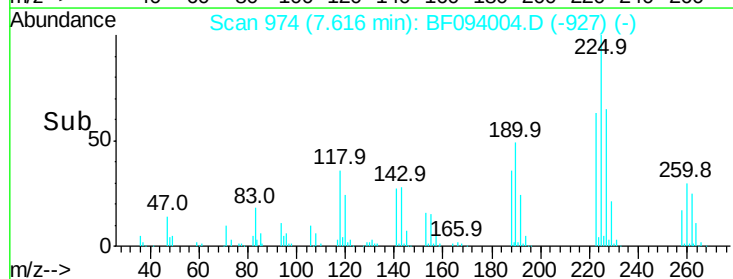
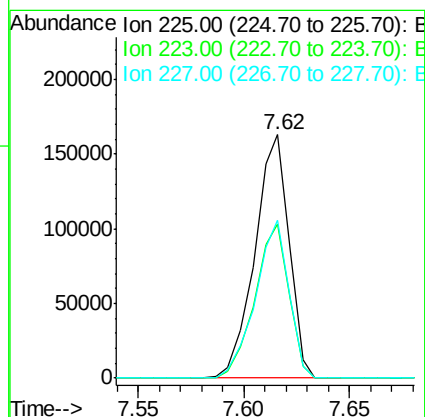
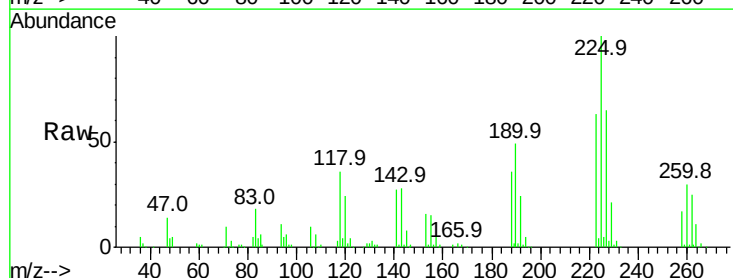
Manual Integrations
APPROVED

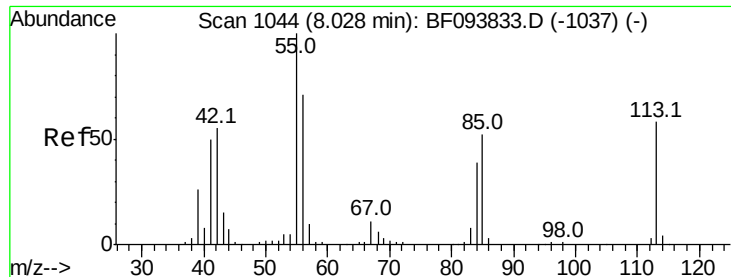
mohammad
3/29/2017 1:56:55 PM



#34
Hexachlorobutadiene
Concen: 39.03 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	48.8	73.2		
227	64.9	51.1	76.7		





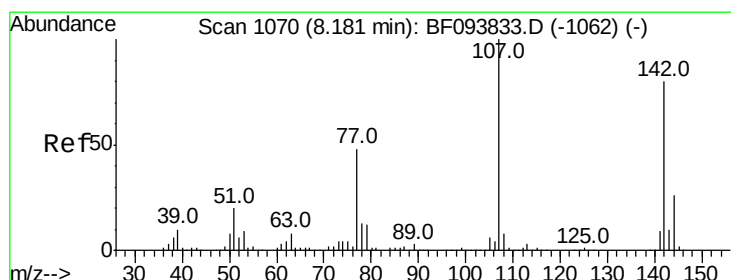
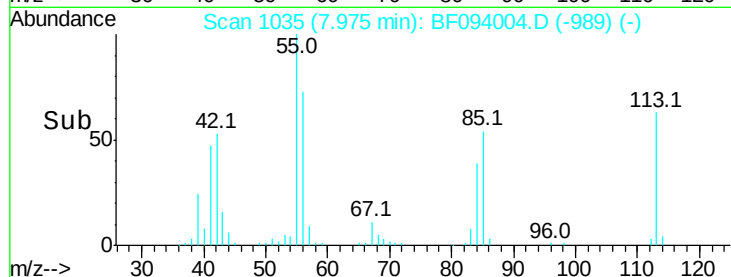
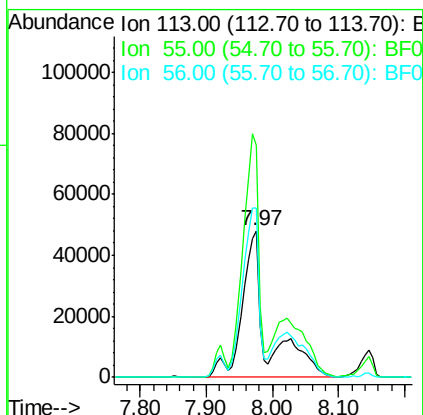
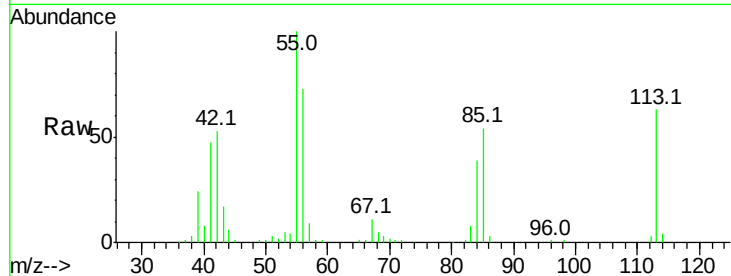
#35
Caprolactam
Concen: 44.37 ng/ml
RT: 7.97 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleID :
PB97860BSD

Tot Ion:113 Resp: 125670
Ion Ratio Lower Upper
113 100
55 158.2 150.2 190.2
56 115.9 107.8 147.8

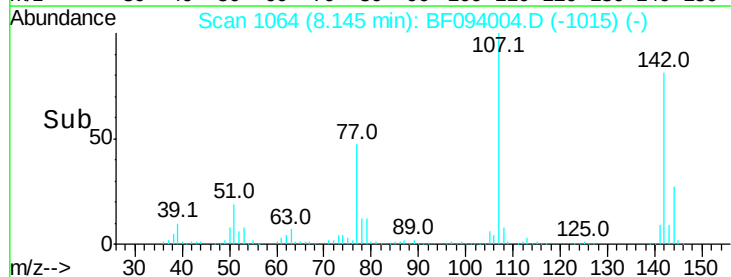
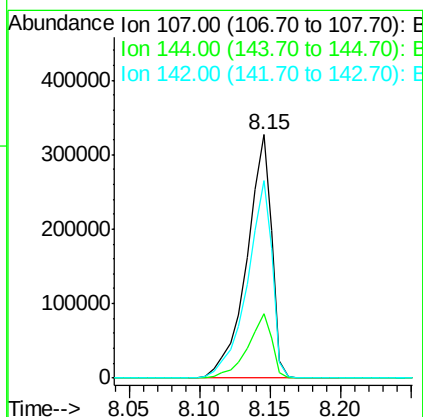
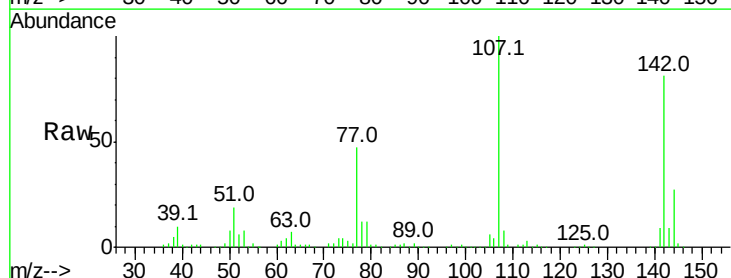
Manual Integrations
APPROVED

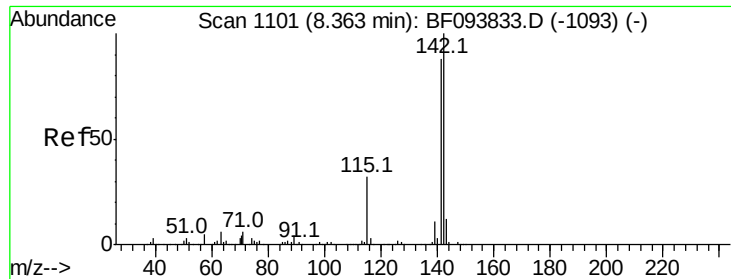
mohammad
3/29/2017 1:56:55 PM



#36
4-Chloro-3-methylphenol
Concen: 43.50 ng/ml
RT: 8.15 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion:107 Resp: 403771
Ion Ratio Lower Upper
107 100
144 26.6 24.2 36.4
142 81.3 73.4 110.0





#37

2-Methylnaphthalene

Concen: 40.58 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

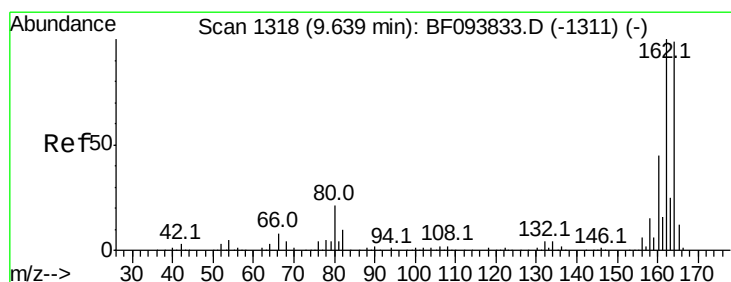
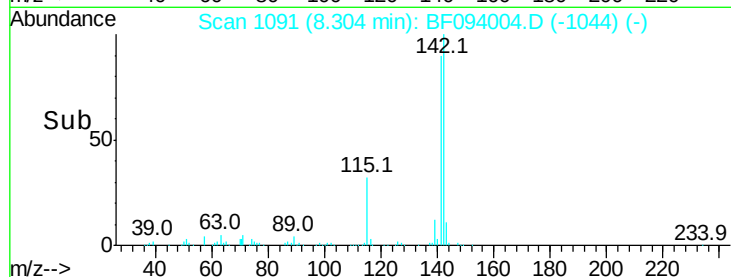
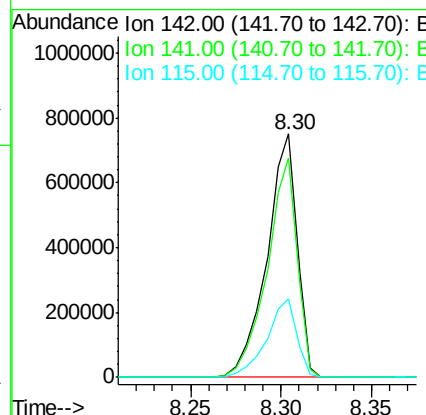
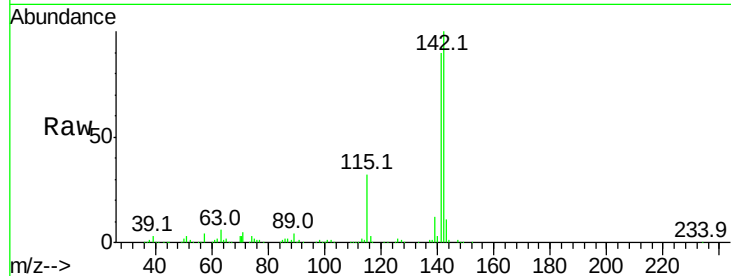
Instrument :
BNA_F

ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	32.3	27.1	40.7

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

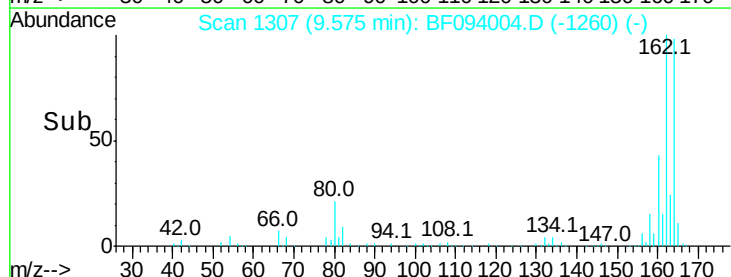
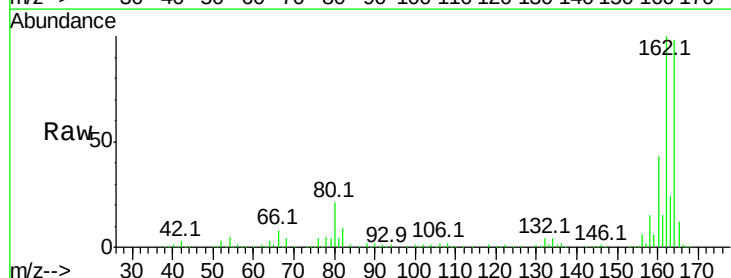
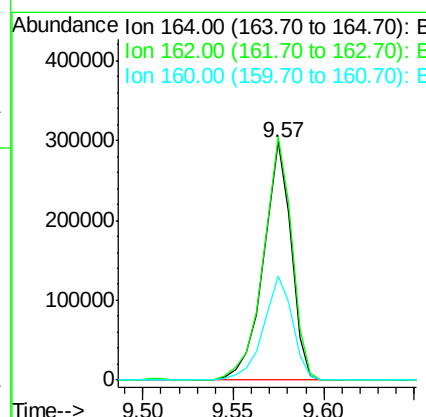
RT: 9.57 min Scan# 1307

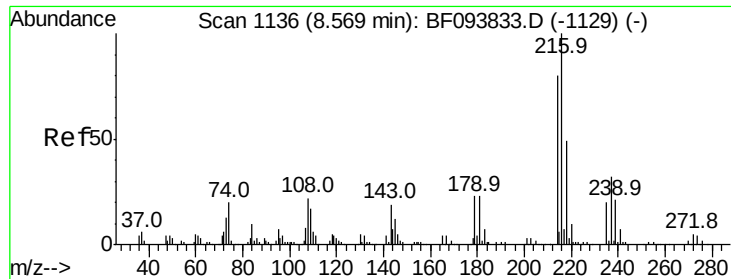
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	43.8	36.2	54.2





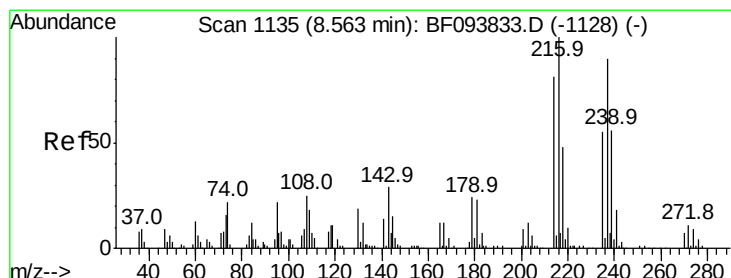
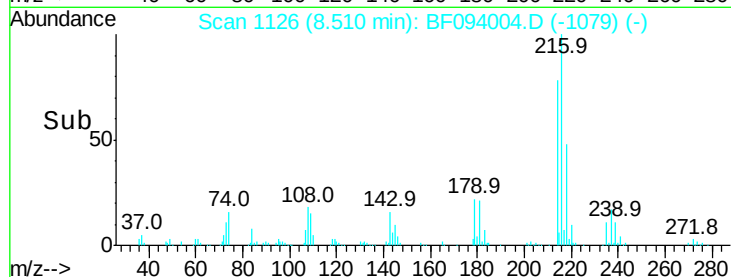
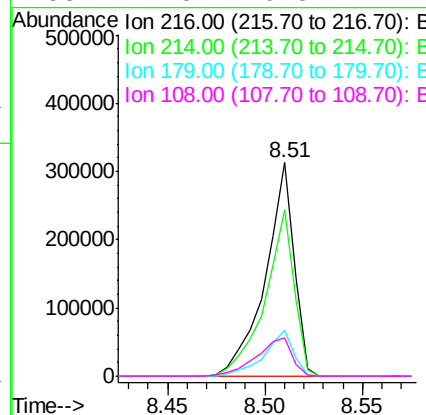
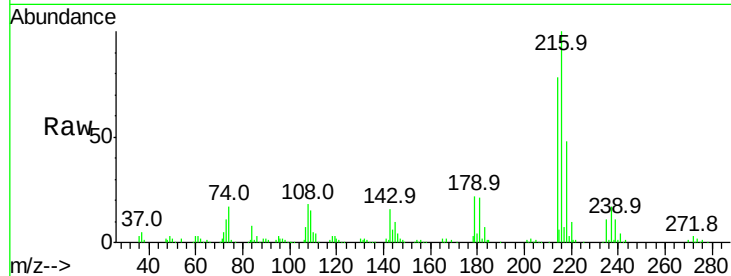
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.89 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	320323		
214	78.7		63.4	95.2
179	21.9		17.9	26.9
108	22.3		16.5	24.7

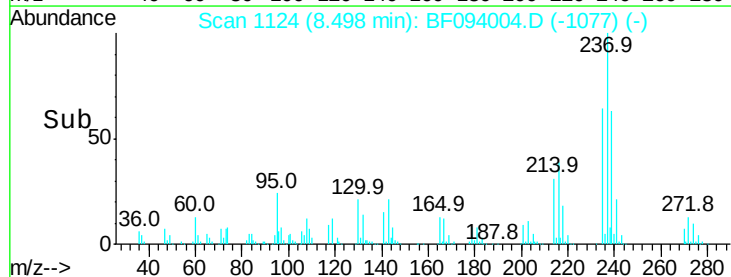
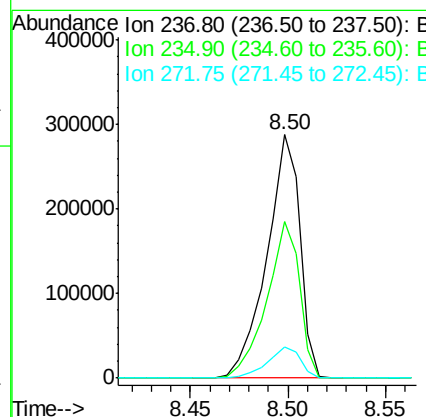
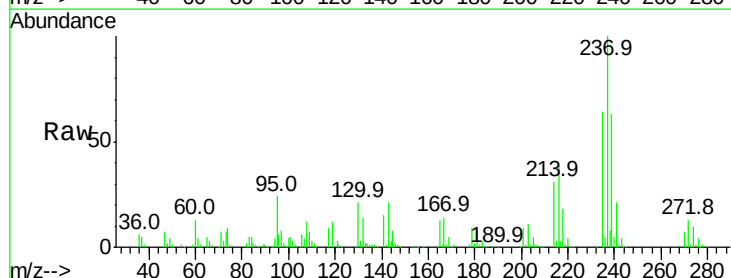
Manual Integrations
 APPROVED

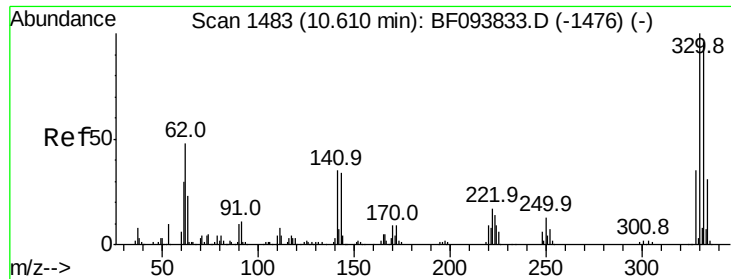
mohammad
 3/29/2017 1:56:55 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.12 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	337764		
235	64.4		42.6	82.6
272	12.8		0.0	31.9





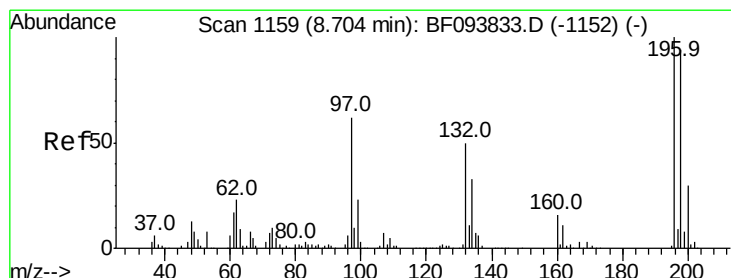
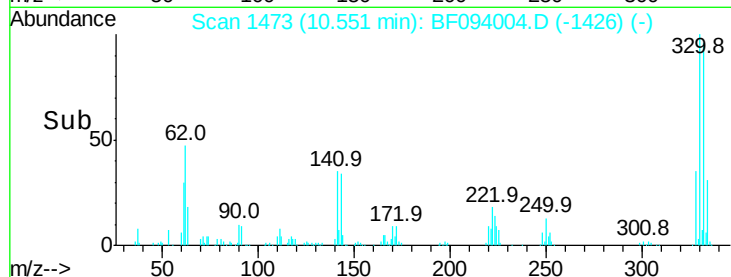
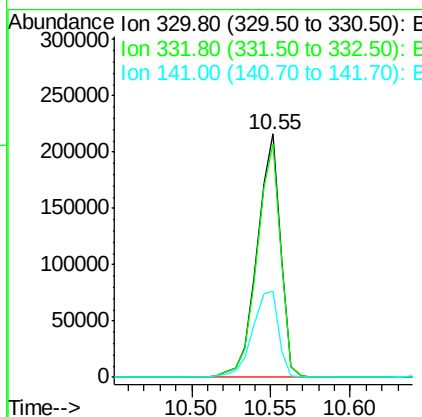
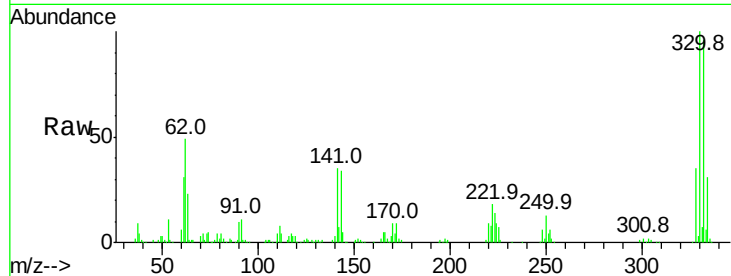
#41
 2,4,6-Tribromophenol
 Concen: 88.91 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223019		
332	96.6	76.6	115.0	
141	39.4	31.4	47.2	

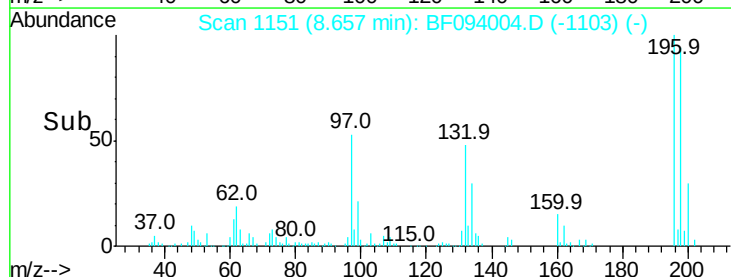
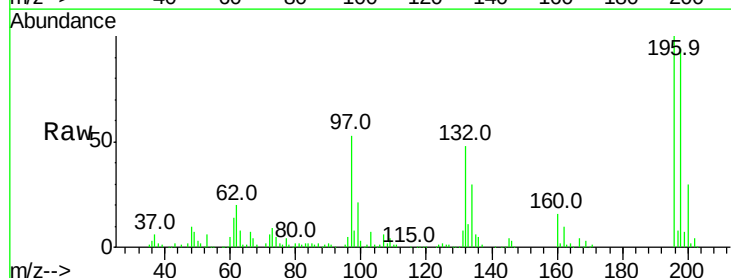
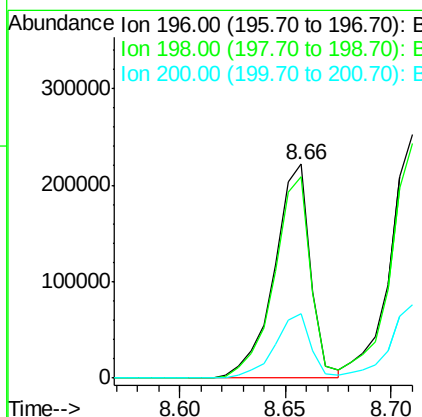
Manual Integrations
 APPROVED

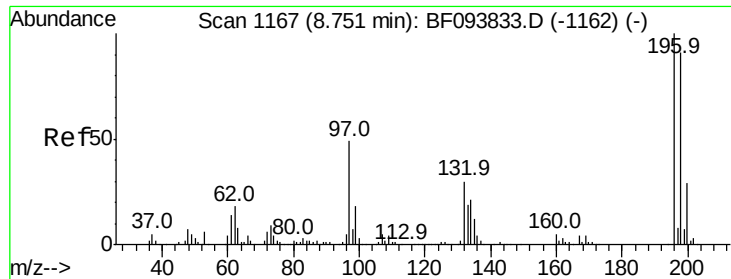
mohammad
 3/29/2017 1:56:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.21 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265445		
198	94.2	74.2	111.4	
200	30.2	24.0	36.0	





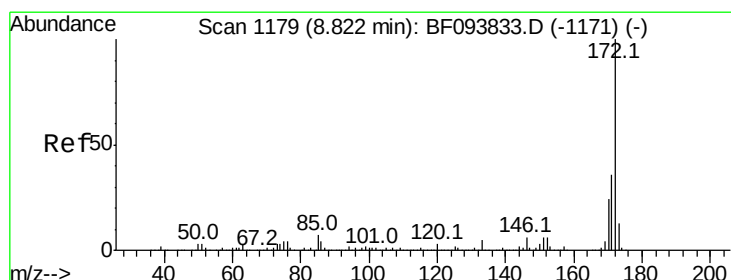
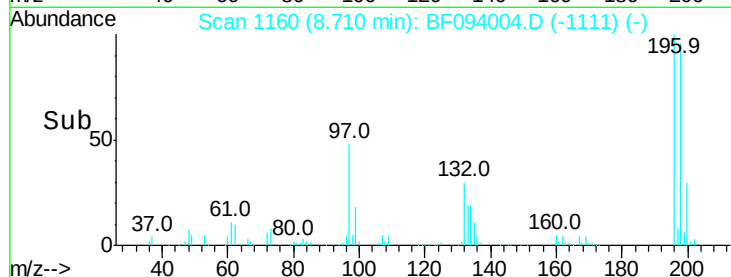
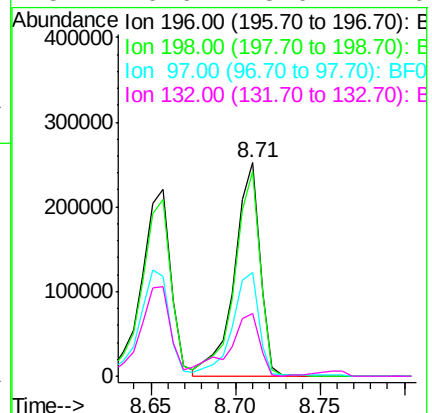
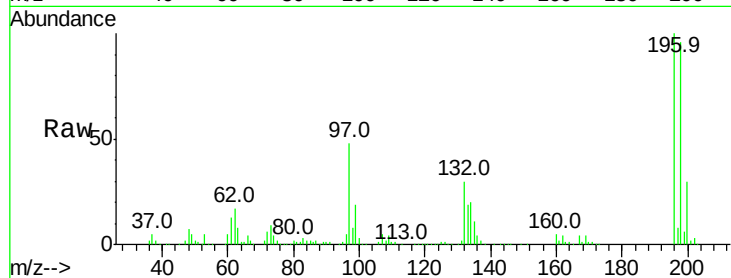
#43
 2,4,5-Trichlorophenol
 Concen: 40.11 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	266607		
198	96.1	75.7	113.5	
97	48.3	47.7	71.5	
132	29.6	28.0	42.0	

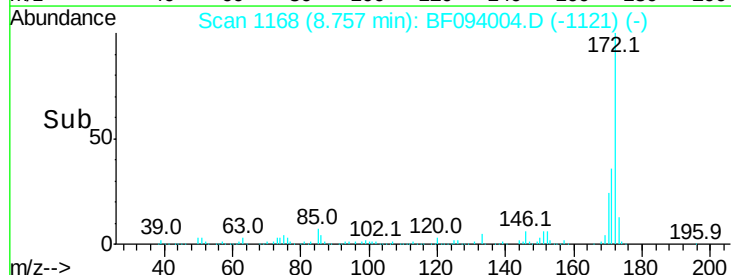
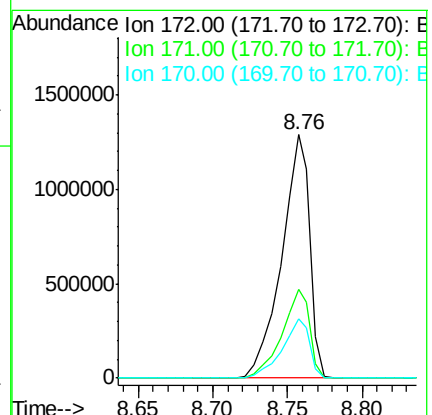
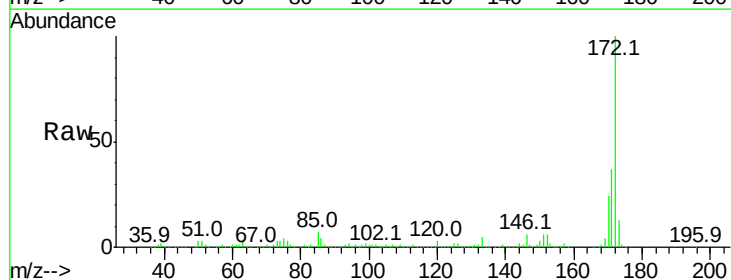
Manual Integrations
 APPROVED

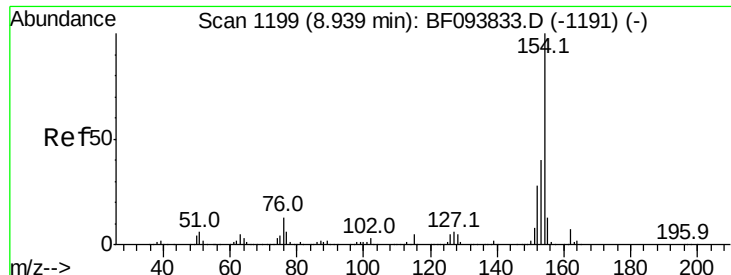
mohammad
 3/29/2017 1:56:55 PM



#44
 2-Fluorobiphenyl
 Concen: 81.28 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1691609		
171	36.5	29.6	44.4	
170	24.2	19.8	29.8	





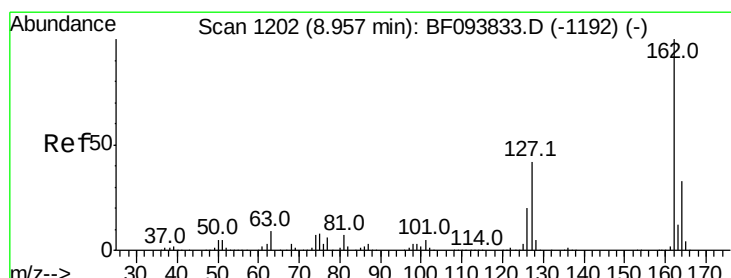
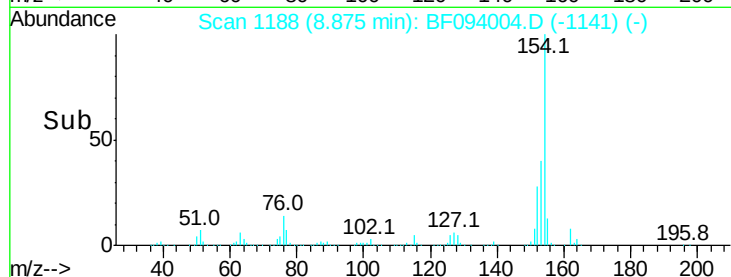
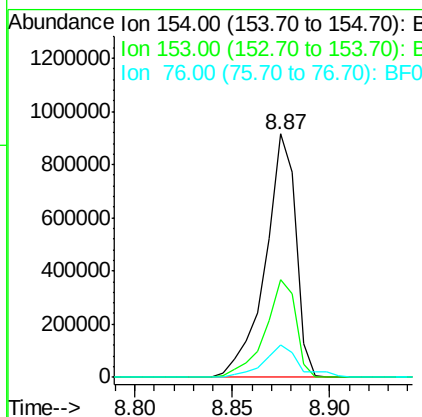
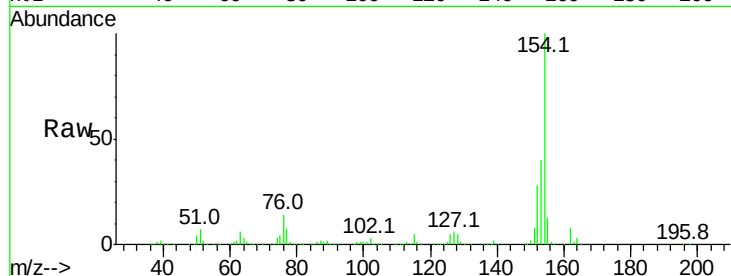
#45
1,1'-Biphenyl
Concen: 38.77 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.0	21.2	61.2	
76	13.5	0.0	29.9	

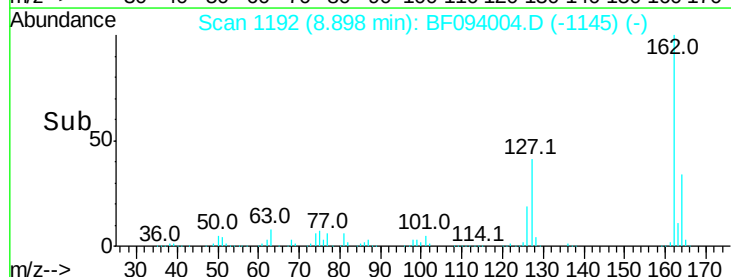
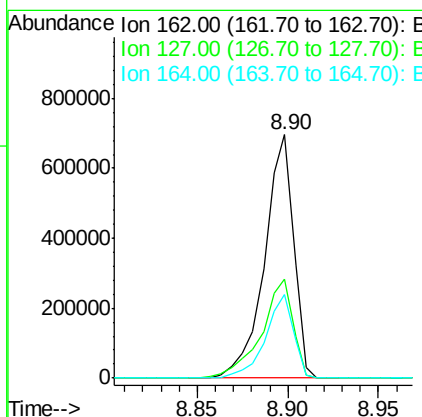
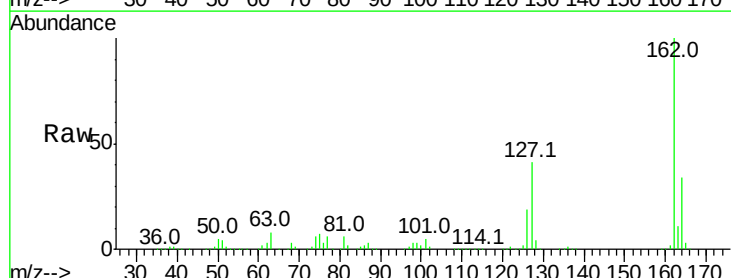
Manual Integrations
APPROVED

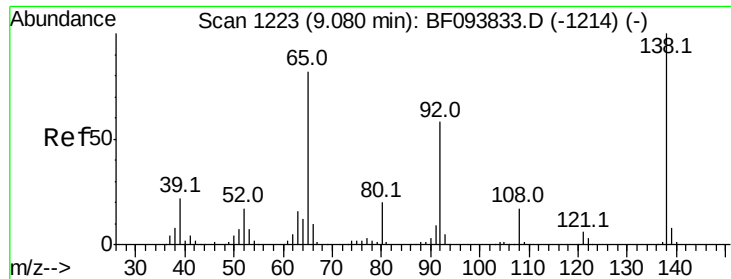
mohammad
3/29/2017 1:56:55 PM



#46
2-Chloronaphthalene
Concen: 38.75 ng
RT: 8.90 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.7	28.3	42.5	
164	34.1	27.0	40.4	





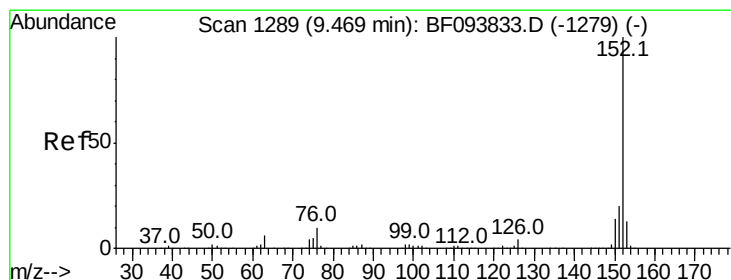
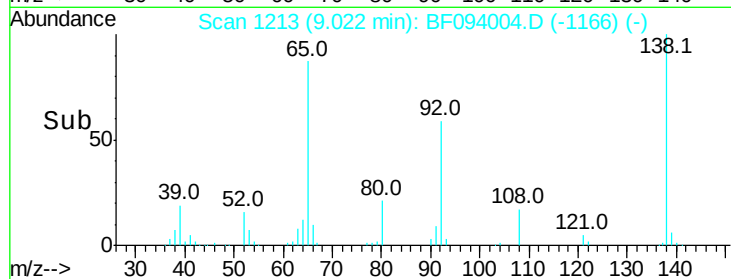
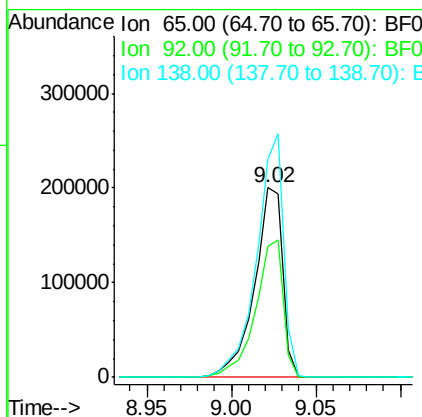
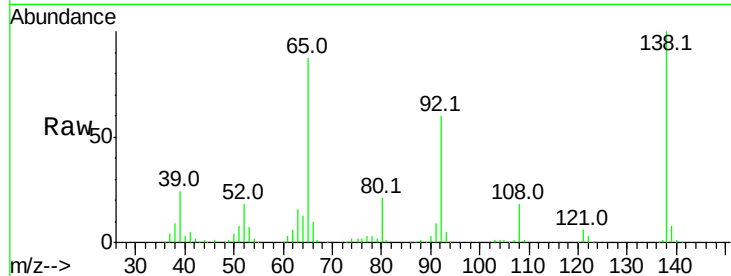
#47
2-Nitroaniline
Concen: 39.14 ng
RT: 9.02 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	53.9	80.9
138	115.2	78.8	118.2

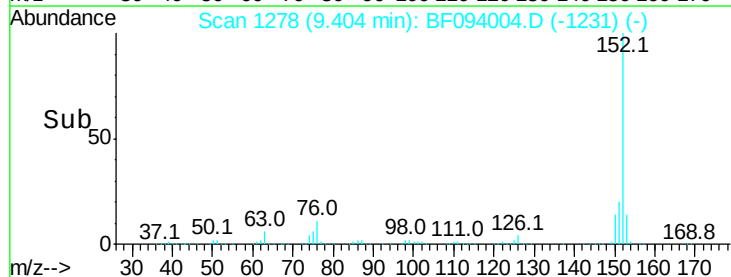
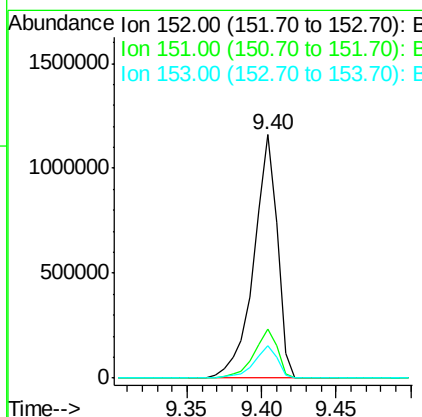
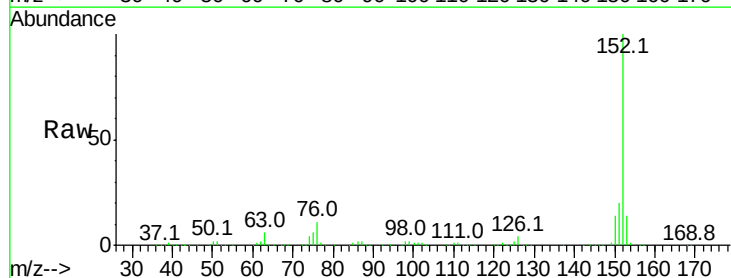
Manual Integrations
APPROVED

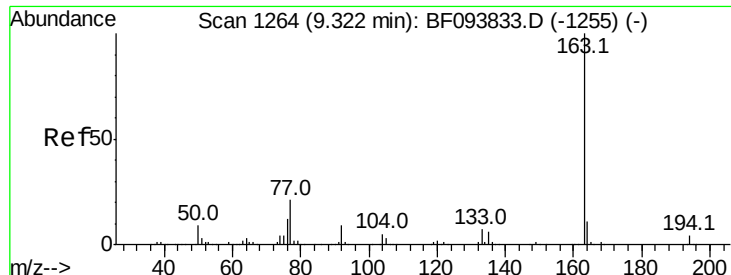
mohammad
3/29/2017 1:56:55 PM



#48
Acenaphthylene
Concen: 37.59 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.5	10.8	16.2





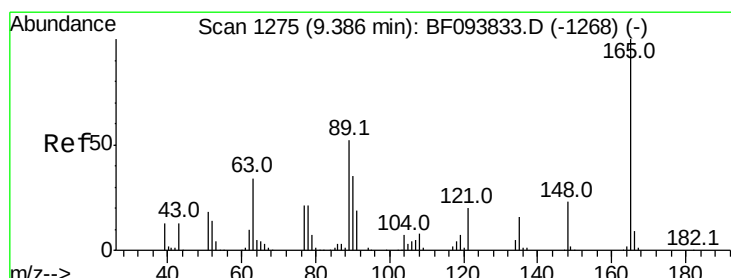
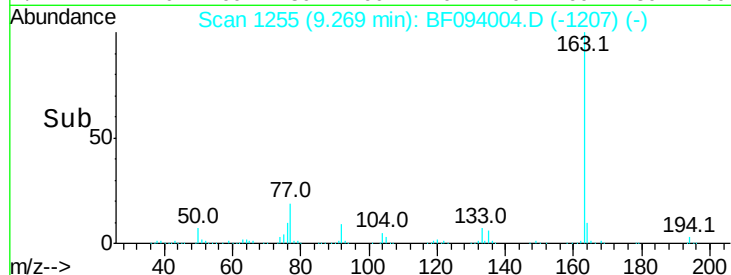
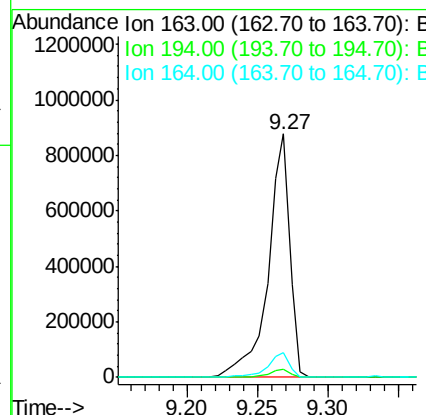
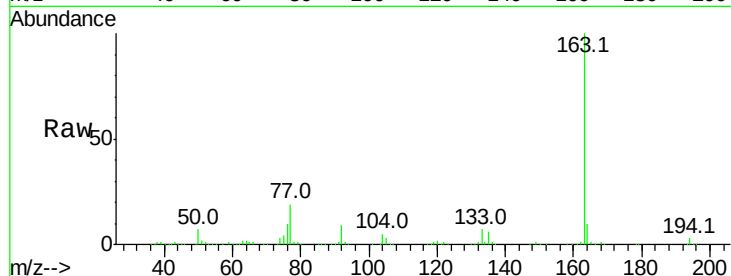
#49
 Dimethylphthalate
 Concen: 41.81 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.4	8.4	12.6	

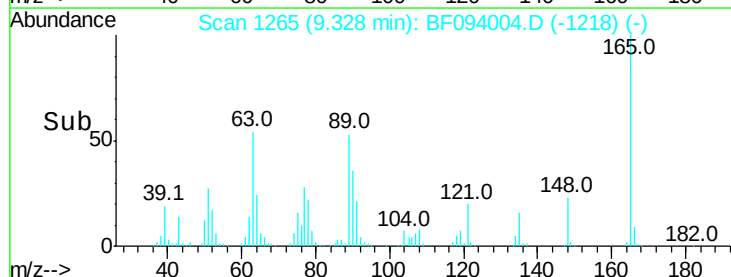
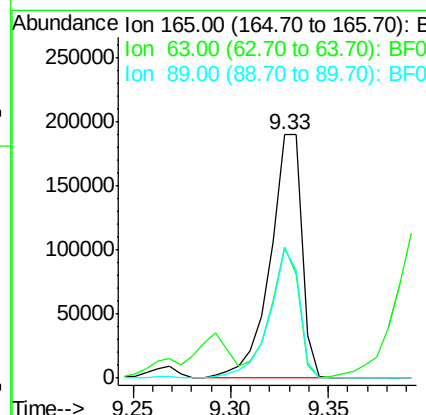
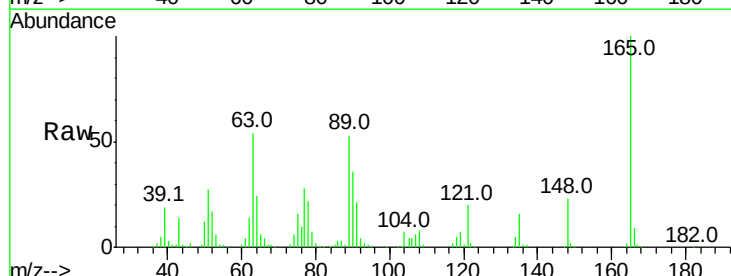
Manual Integrations
 APPROVED

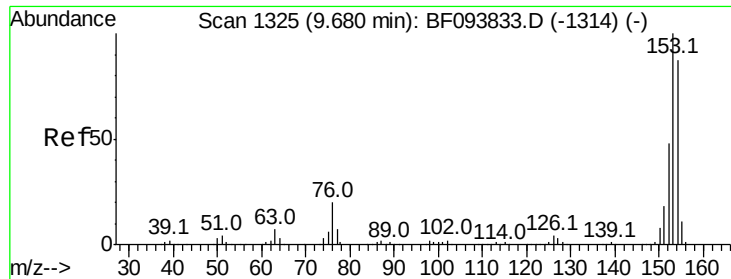
mohammad
 3/29/2017 1:56:55 PM



#50
 2,6-Dinitrotoluene
 Concen: 41.37 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.9	34.3	51.5#	
89	53.1	37.1	55.7	





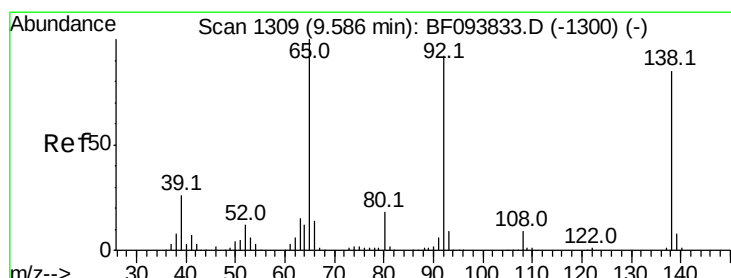
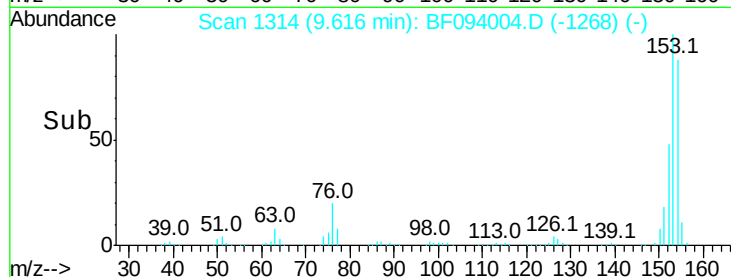
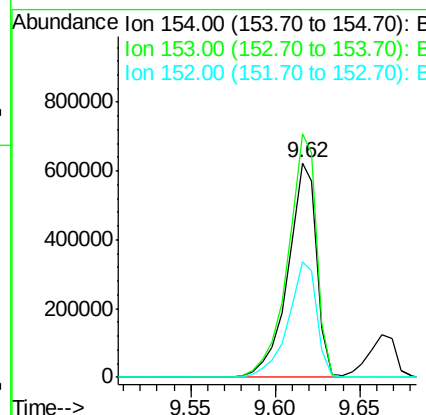
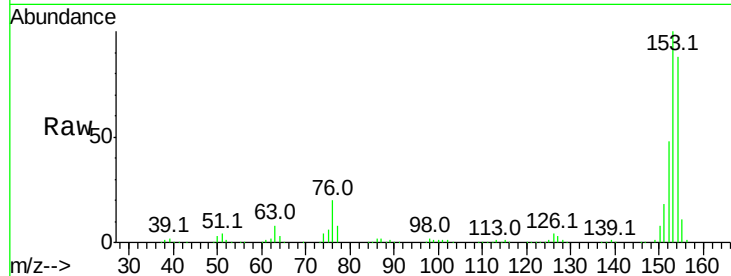
#51
Acenaphthene
Concen: 38.08 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.5	135.7
152	54.0	43.6	65.4

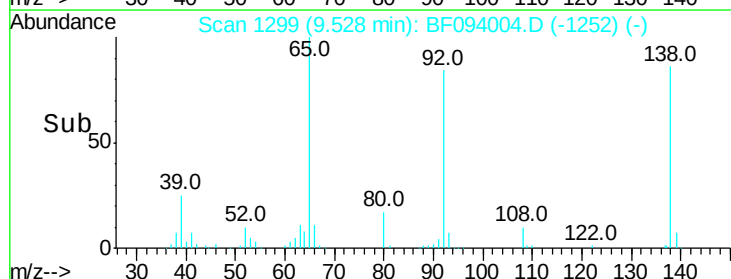
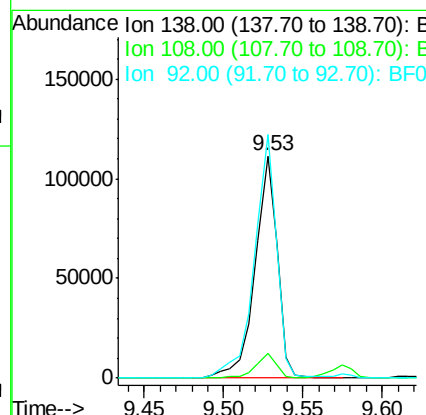
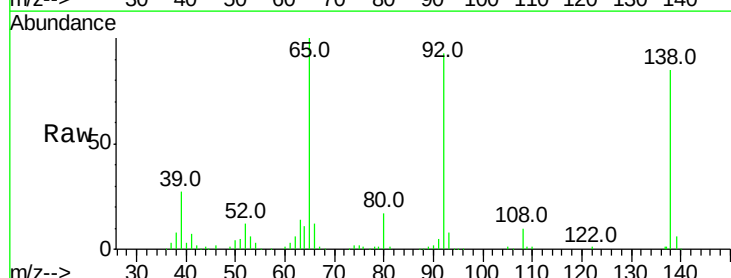
Manual Integrations
APPROVED

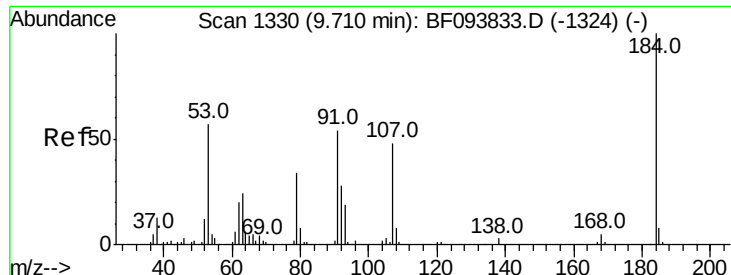
mohammad
3/29/2017 1:56:55 PM



#52
3-Nitroaniline
Concen: 17.82 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.1	13.7
92	109.7	93.8	140.6





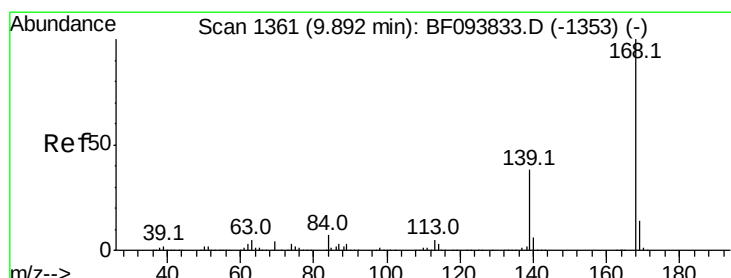
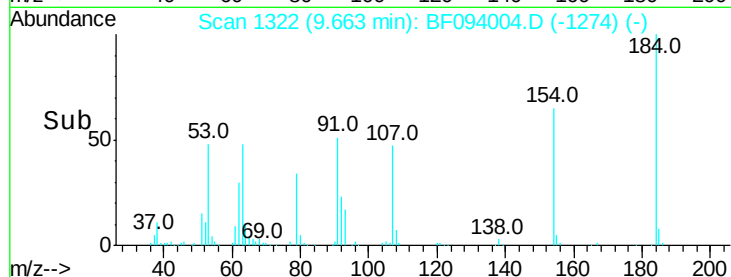
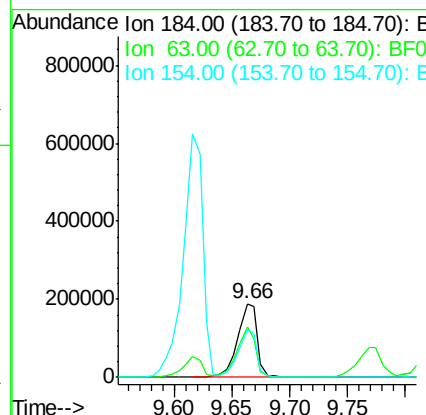
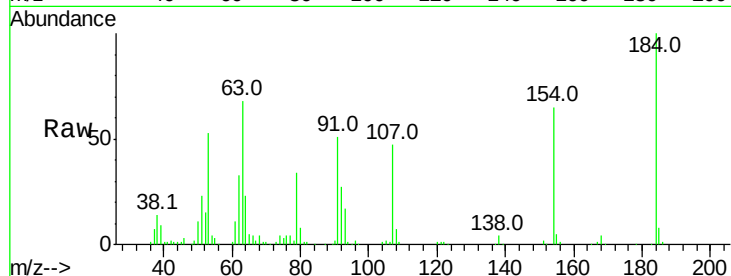
#53
2,4-Dinitrophenol
Concen: 81.28 ng
RT: 9.66 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	225192		
63	68.4	62.7	94.1	
154	65.3	81.1	121.7	

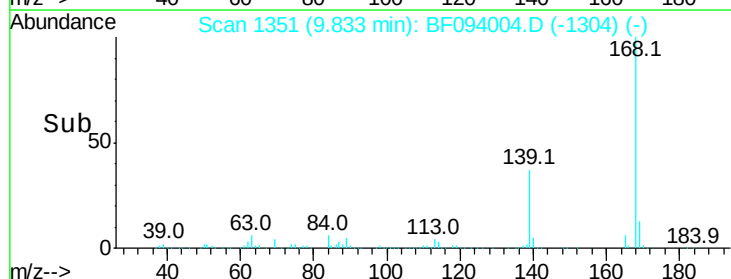
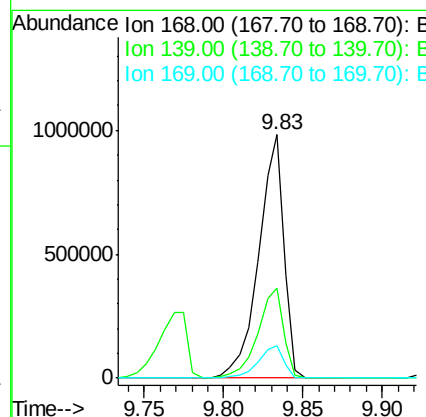
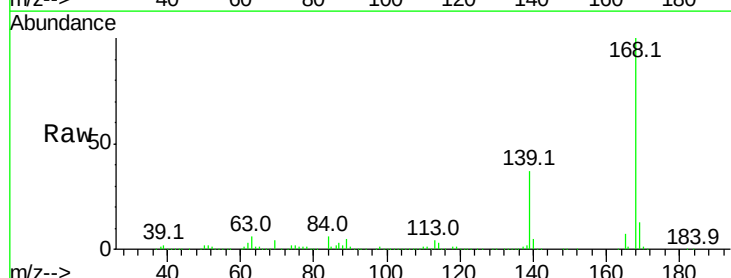
Manual Integrations
APPROVED

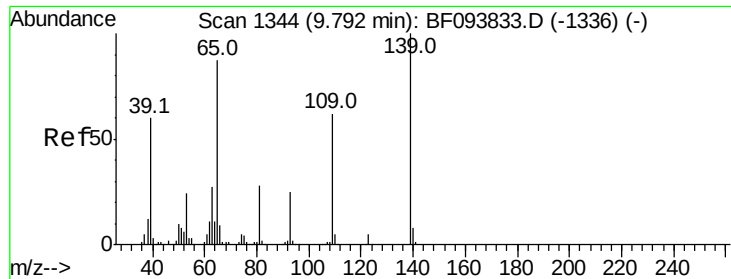
mohammad
3/29/2017 1:56:55 PM



#54
Dibenzofuran
Concen: 41.05 ng
RT: 9.83 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1086200		
139	37.1	30.6	45.8	
169	13.5	10.8	16.2	





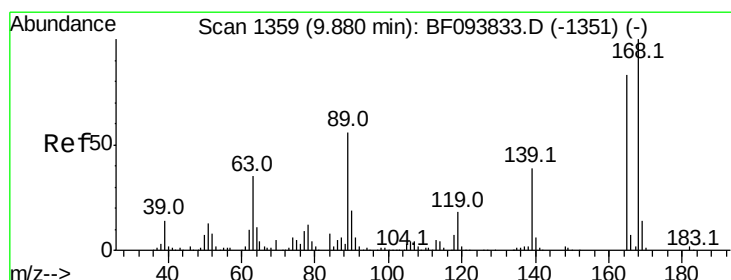
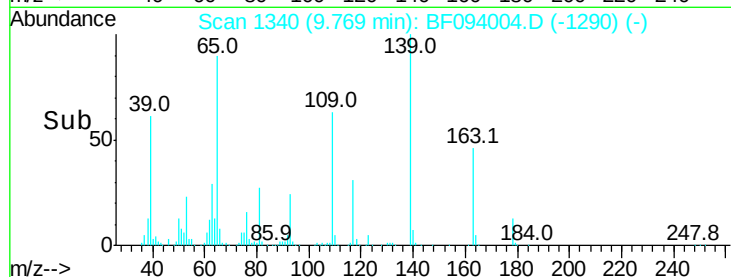
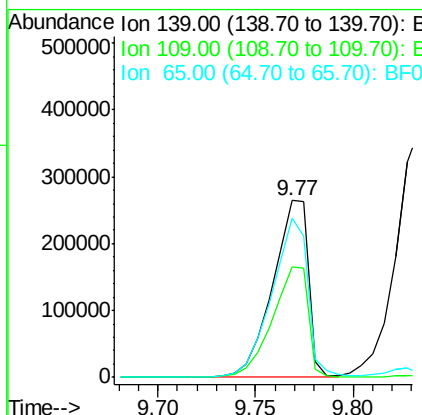
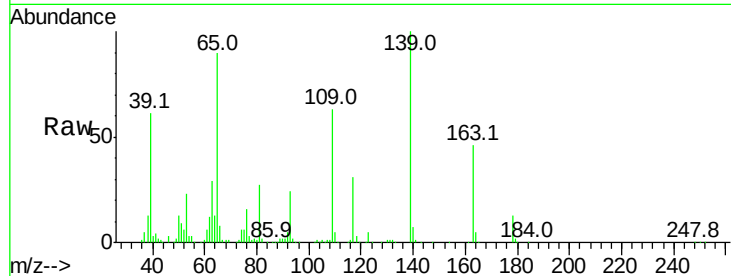
#55
4-Nitrophenol
Concen: 70.79 ng
RT: 9.77 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.7	34.1	74.1	
65	89.6	31.4	71.4	

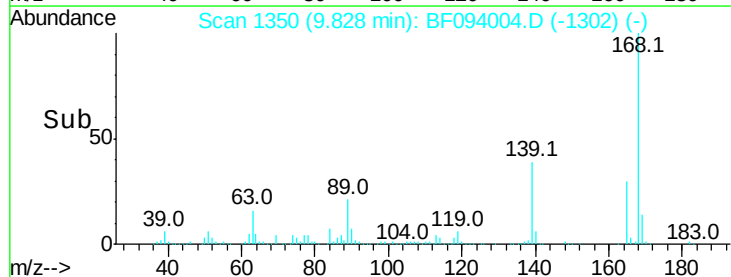
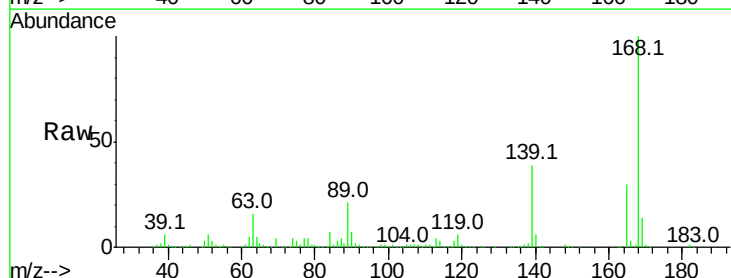
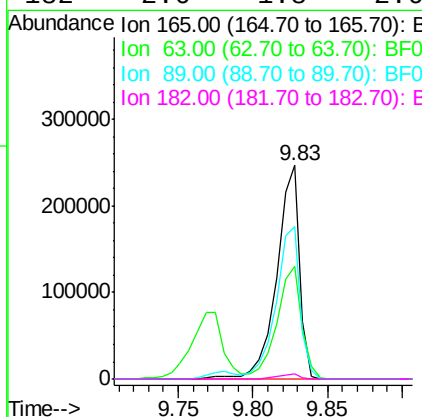
Manual Integrations
APPROVED

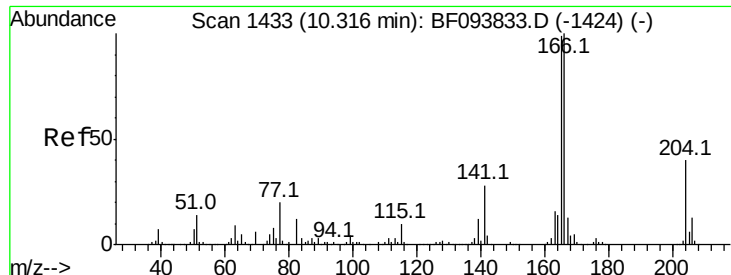
mohammad
3/29/2017 1:56:55 PM



#56
2,4-Dinitrotoluene
Concen: 40.55 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.6	25.4	38.0	
89	71.1	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 36.77 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

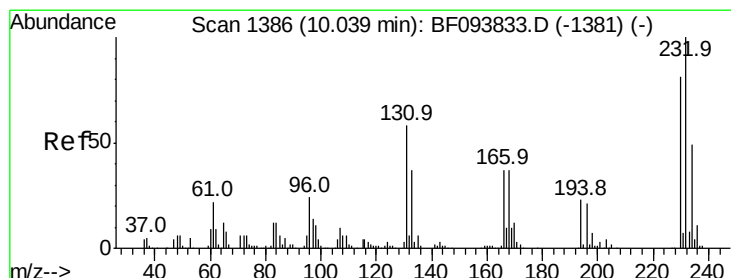
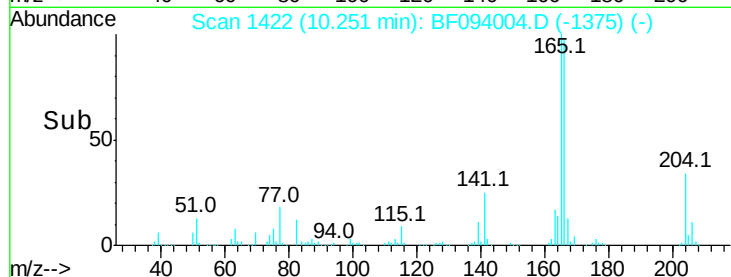
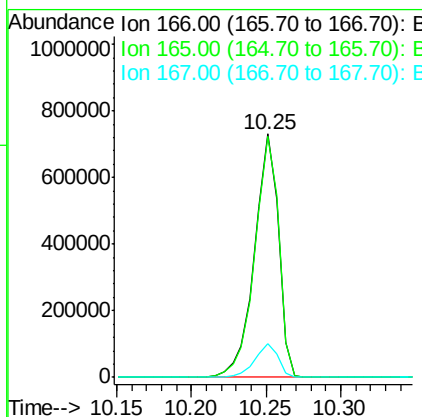
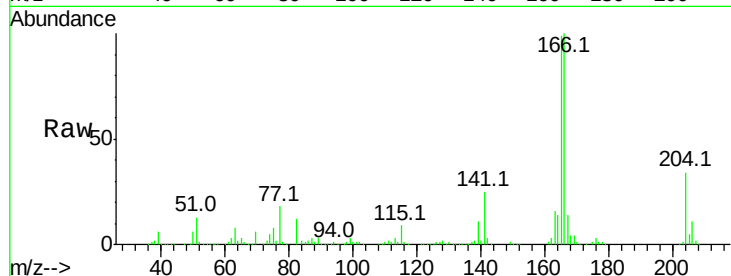
ClientSampleId :

PB97860BSD

Tot Ion:	166	Resp:	806836
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.8	118.2
167	13.6	10.6	16.0

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.82 ng

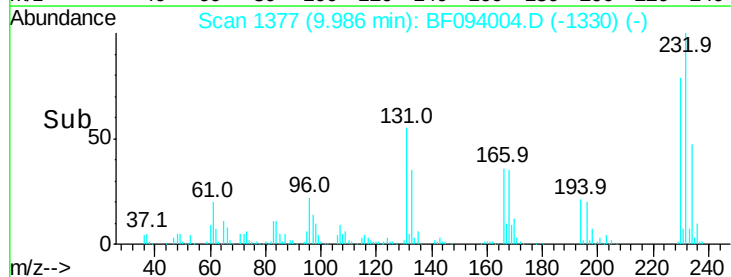
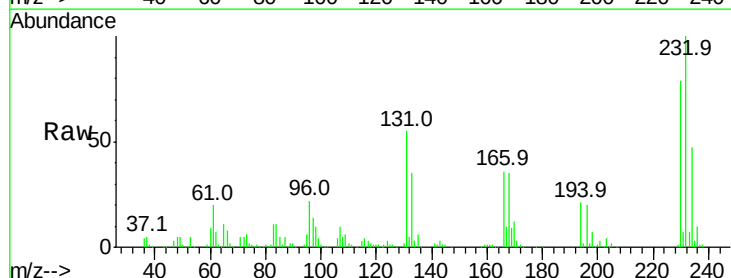
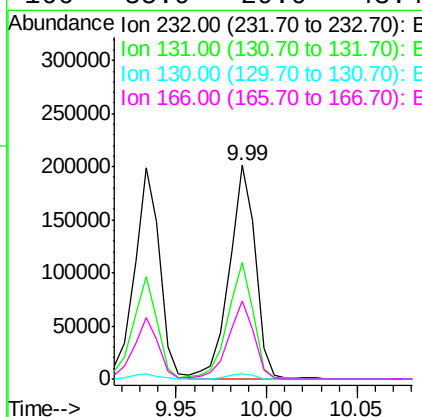
RT: 9.99 min Scan# 1377

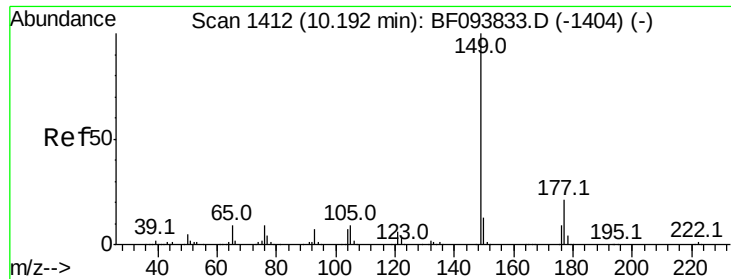
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:	232	Resp:	199889
Ion Ratio	Lower	Upper	
232	100		
131	53.5	44.8	67.2
130	2.5	2.3	3.5
166	35.9	29.0	43.4





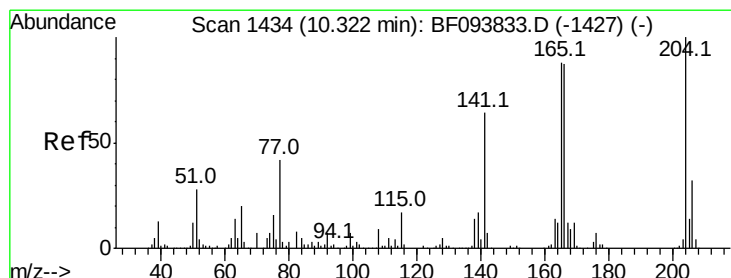
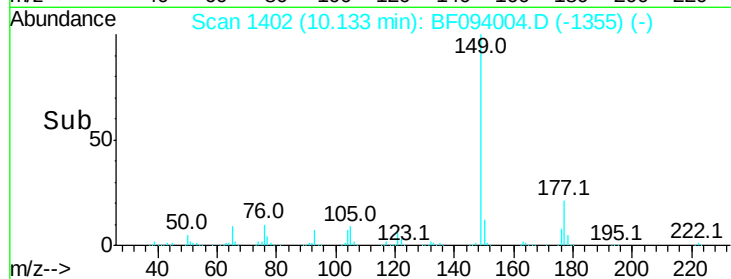
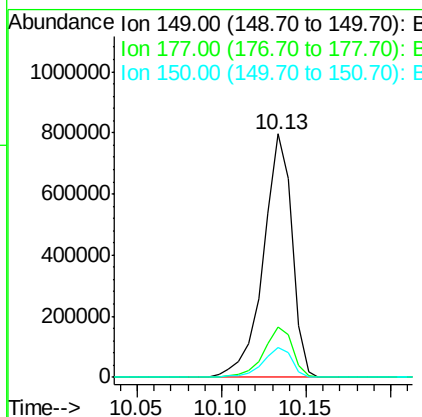
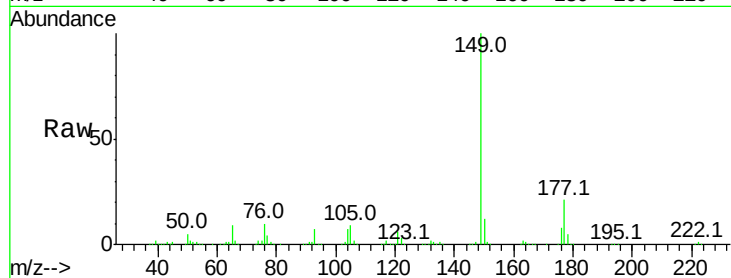
#59
Diethylphthalate
Concen: 41.59 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampled :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.5	10.2	15.2

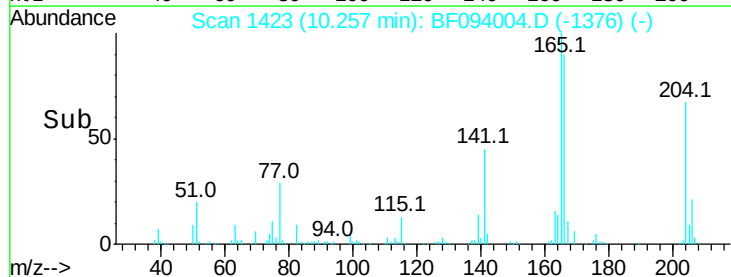
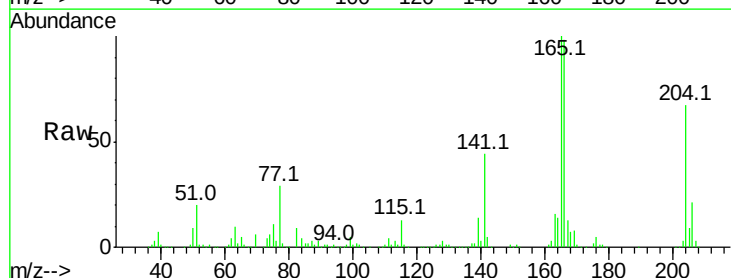
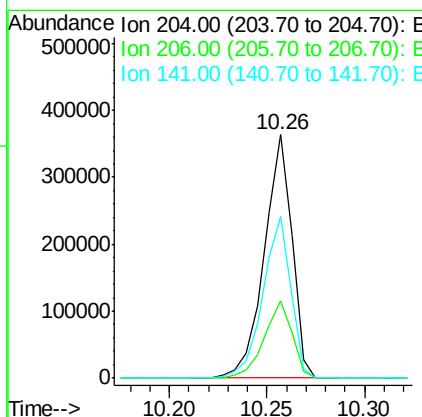
Manual Integrations
APPROVED

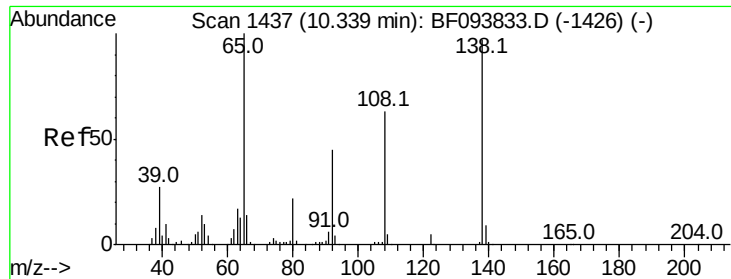
mohammad
3/29/2017 1:56:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.21 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	66.7	60.8	91.2





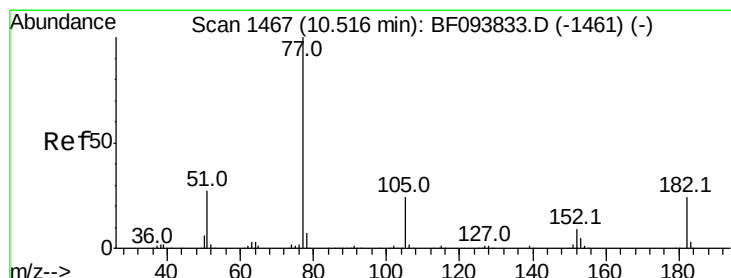
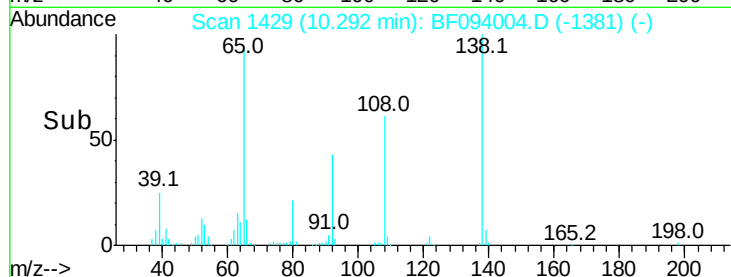
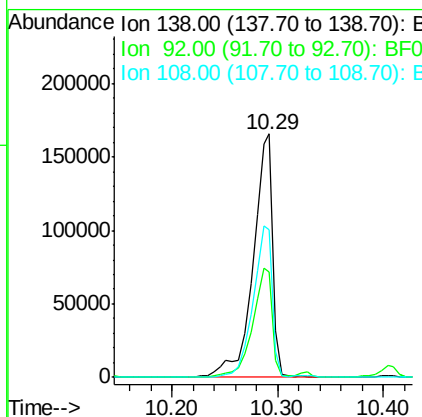
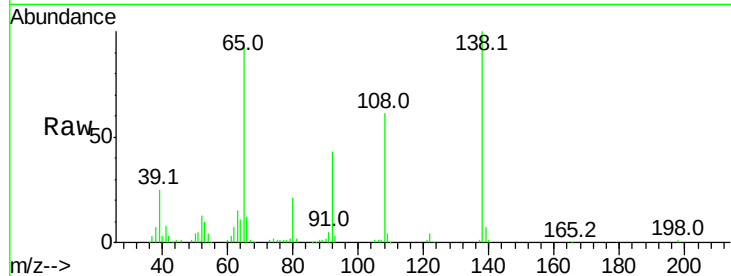
#61
4-Nitroaniline
Concen: 37.26 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	21.8	61.8
108	60.5	42.3	82.3

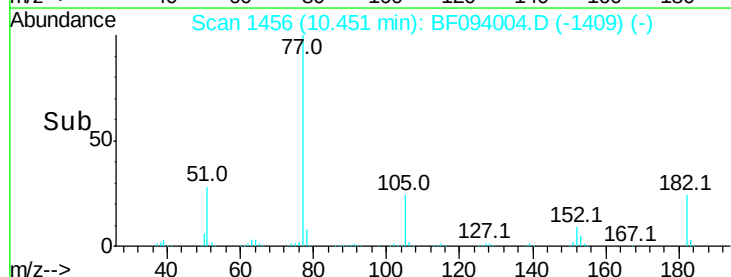
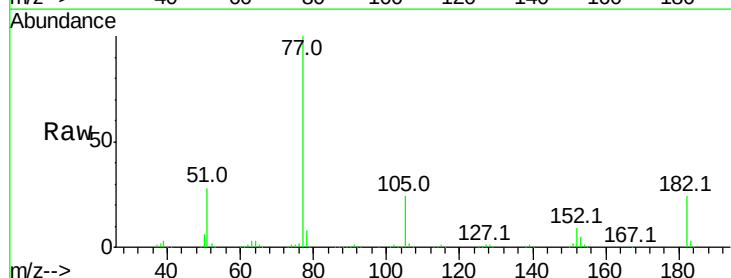
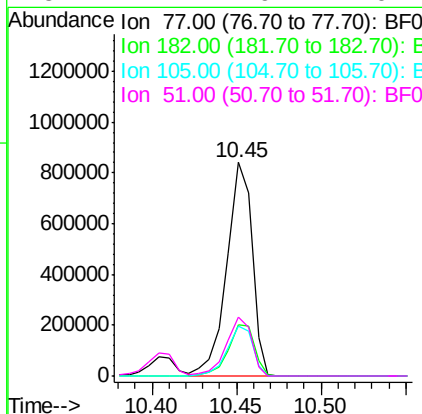
Manual Integrations
APPROVED

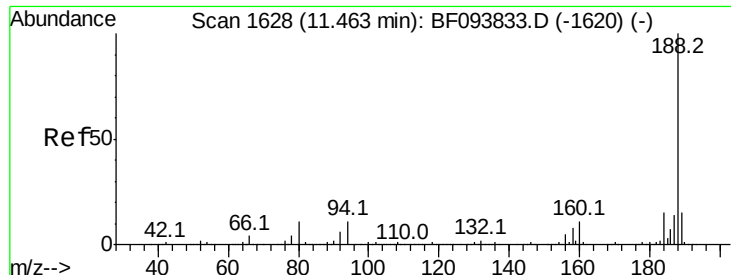
mohammad
3/29/2017 1:56:55 PM



#62
Azobenzene
Concen: 41.72 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	0.1	40.1
105	23.6	3.6	43.6
51	27.7	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

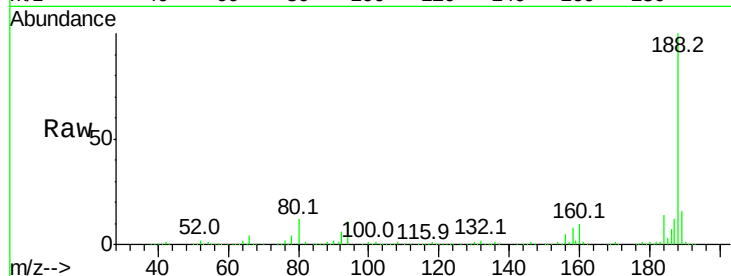
ClientSampleId :

PB97860BSD

Tot Ion:	188	Resp:	550454
Ion Ratio	Lower	Upper	
188	100		
94	11.1	9.4	14.2
80	11.8	10.2	15.2

Manual Integrations
APPROVED

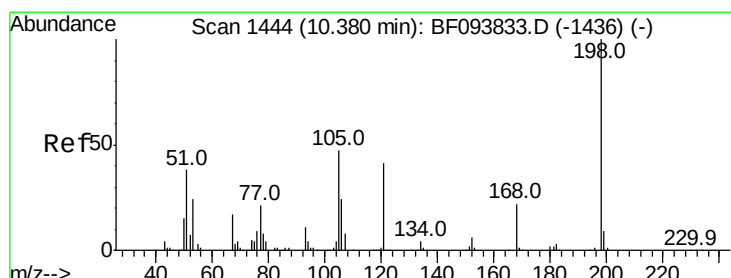
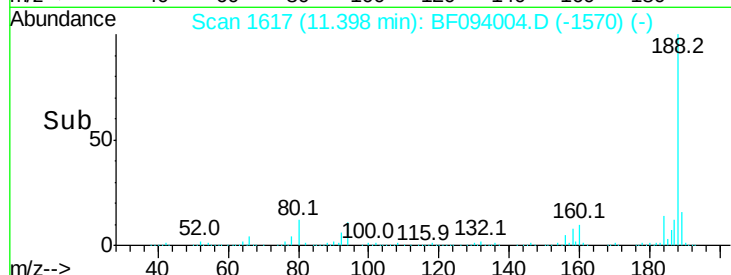
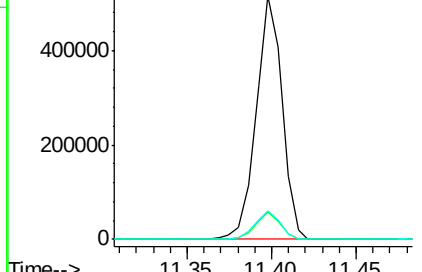
mohammad
3/29/2017 1:56:55 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.33 ng

RT: 10.33 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF094004.D

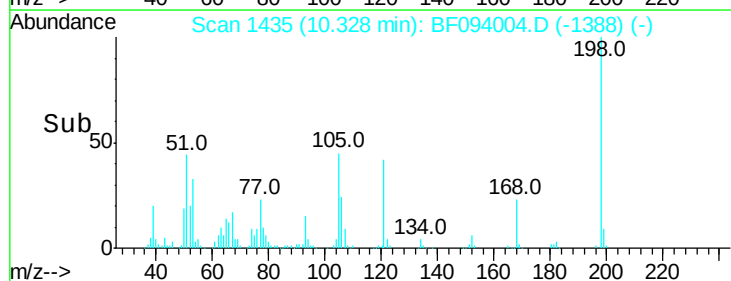
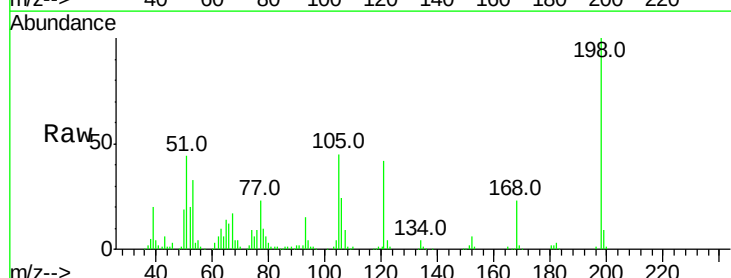
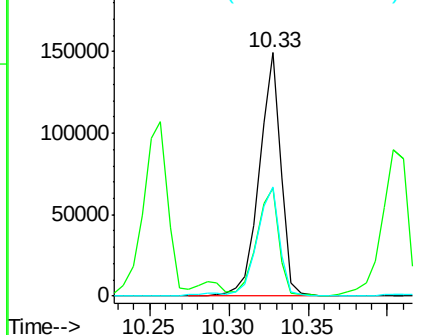
Acq: 28 Mar 2017 20:35

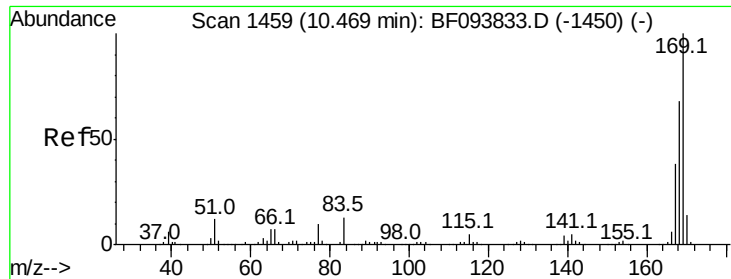
Tgt Ion:	198	Resp:	142708
Ion Ratio	Lower	Upper	
198	100		
51	44.4	53.2	93.2#
105	44.9	45.8	85.8#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





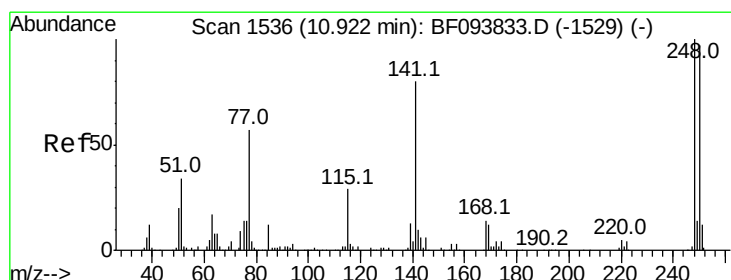
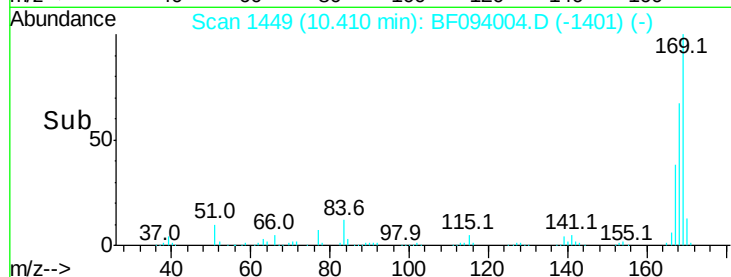
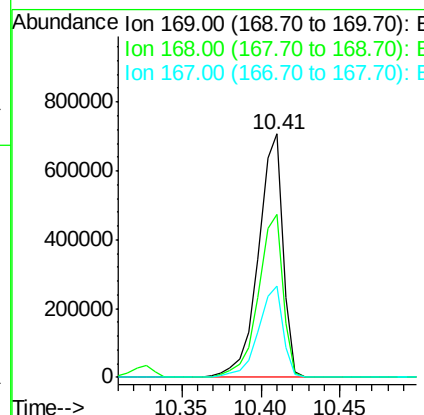
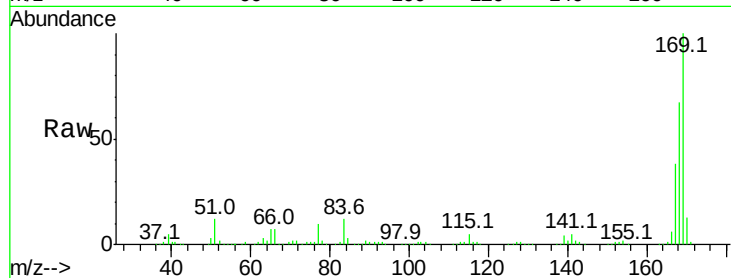
#65
 n-Nitrosodiphenylamine
 Concen: 40.17 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	764700		
168	66.8	53.2	79.8	
167	37.7	29.5	44.3	

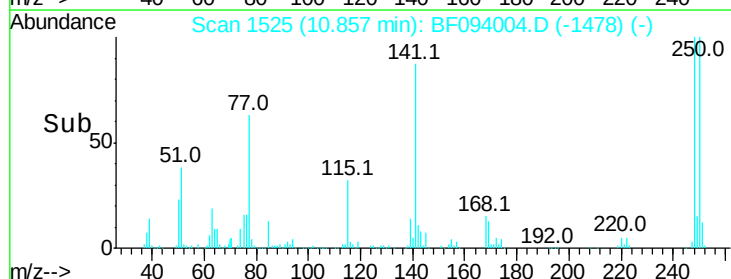
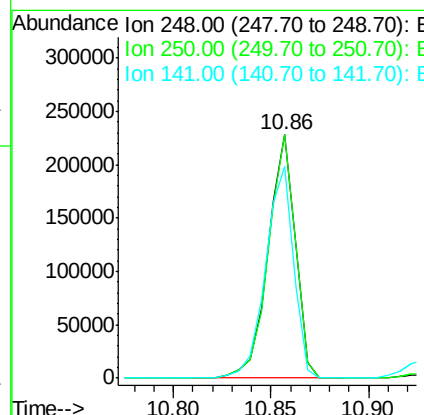
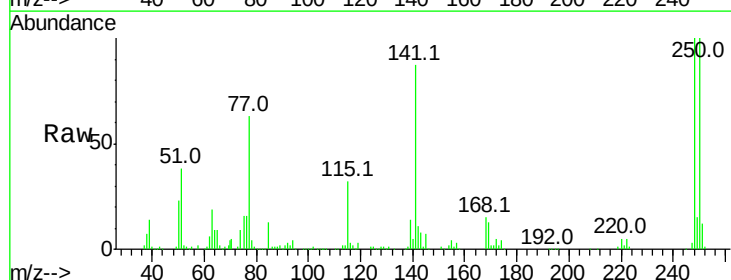
Manual Integrations
 APPROVED

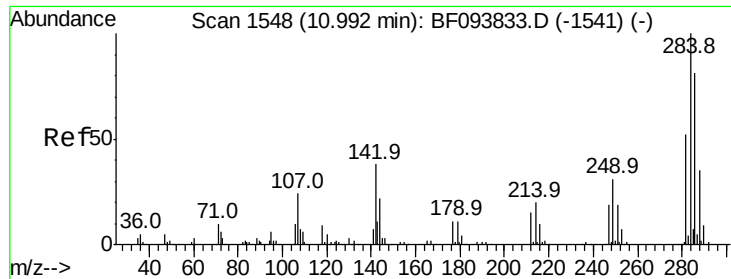
mohammad
 3/29/2017 1:56:55 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.64 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	219992		
250	99.9	76.8	115.2	
141	87.1	68.6	103.0	





#67

Hexachlorobenzene

Concen: 41.21 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

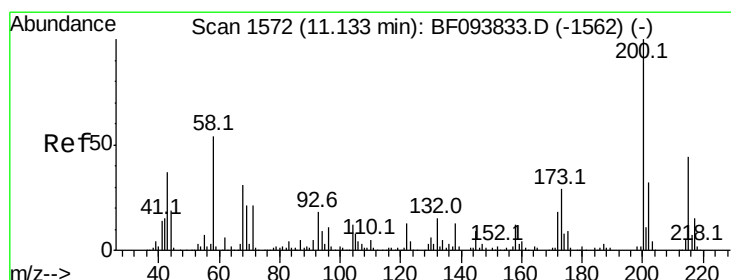
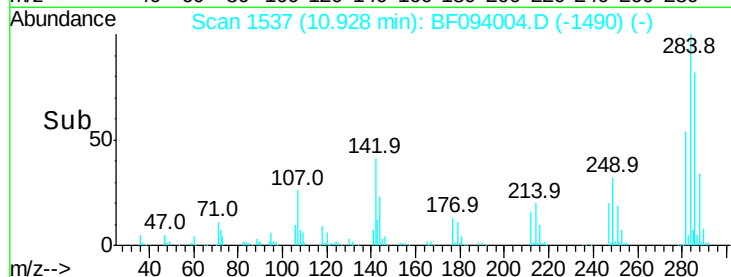
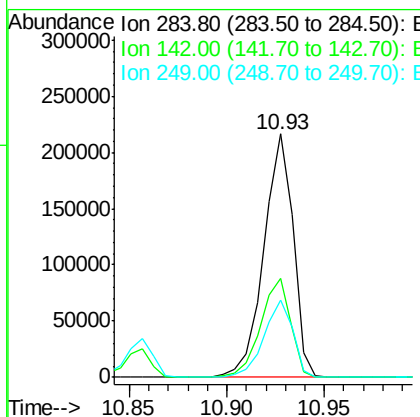
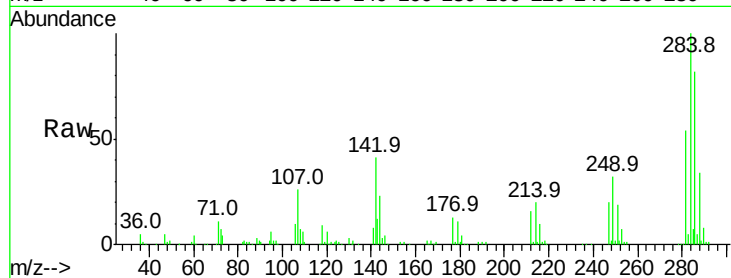
ClientSampleId :

PB97860BSD

Tot Ion:	284	Resp:	225845
Ion Ratio		Lower	Upper
284	100		
142	40.6	22.8	34.2#
249	31.6	24.0	36.0

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#68

Atrazine

Concen: 37.31 ng

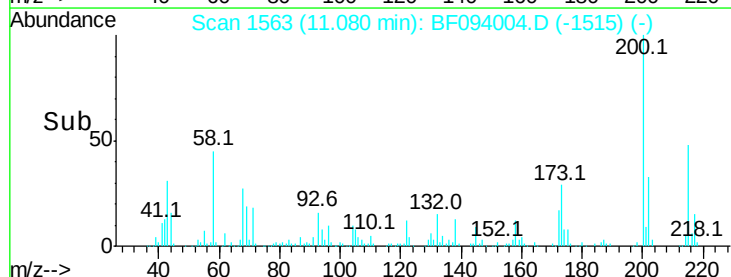
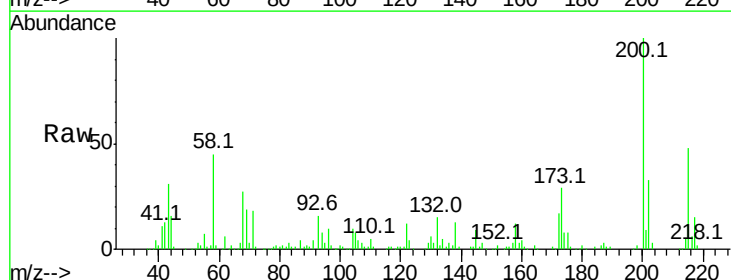
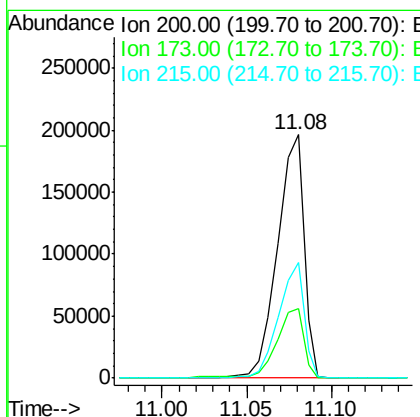
RT: 11.08 min Scan# 1563

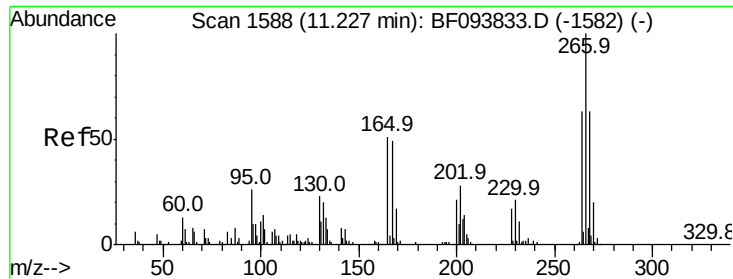
Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:	200	Resp:	212750
Ion Ratio		Lower	Upper
200	100		
173	28.7	6.3	46.3
215	47.6	27.2	67.2





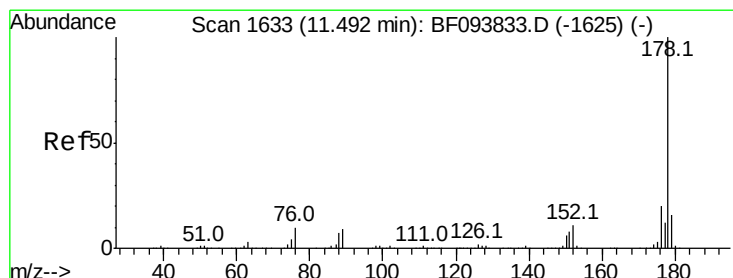
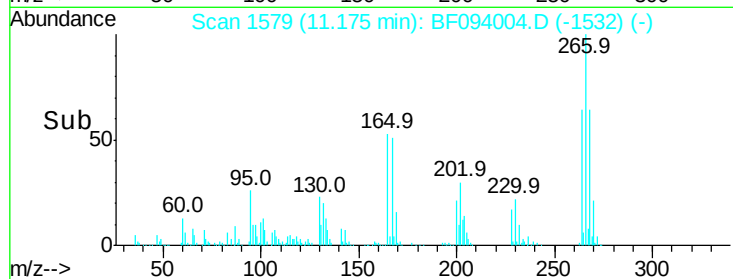
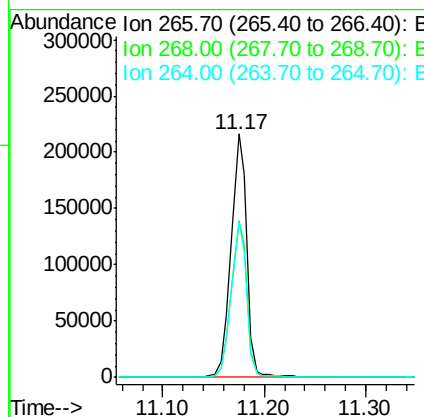
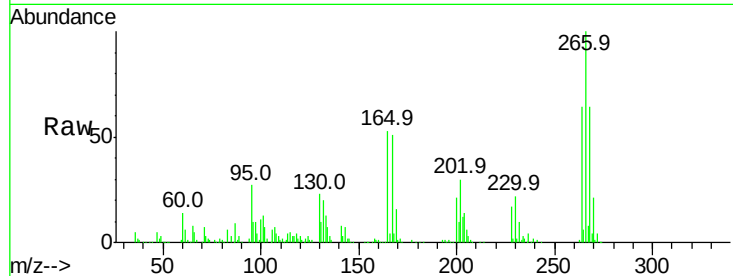
#69
 Pentachlorophenol
 Concen: 68.80 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	234696		
268	64.2	51.1	76.7	
264	63.6	51.7	77.5	

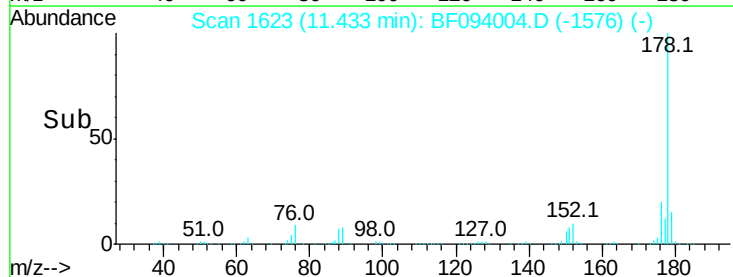
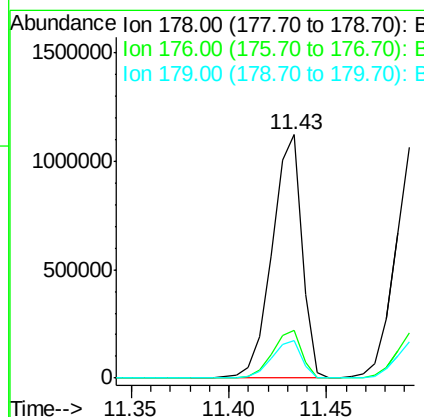
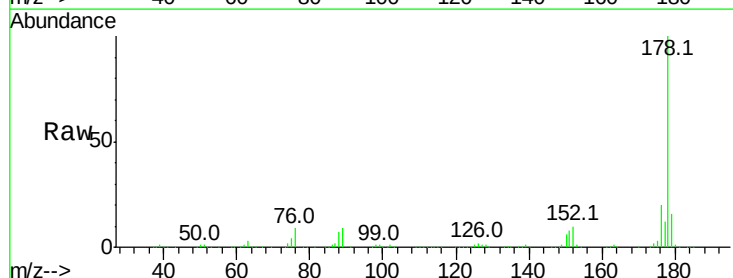
Manual Integrations
 APPROVED

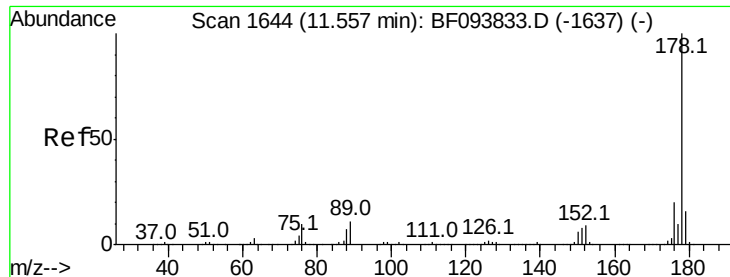
mohammad
 3/29/2017 1:56:55 PM



#70
 Phenanthrene
 Concen: 38.81 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1188485		
176	19.8	16.2	24.4	
179	15.5	12.6	19.0	





#71

Anthracene

Concen: 38.99 ng

RT: 11.50 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampled :

PB97860BSD

Tot Ion:178 Resp: 1229245

Ion Ratio Lower Upper

178 100

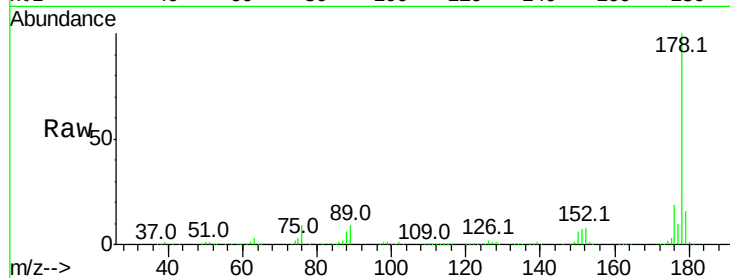
176 19.0 15.8 23.8

179 15.7 12.7 19.1

Manual Integrations
APPROVED

mohammad

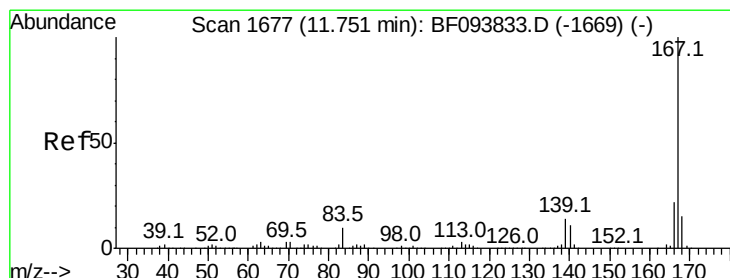
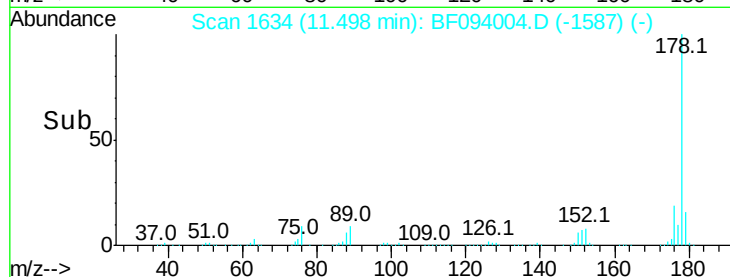
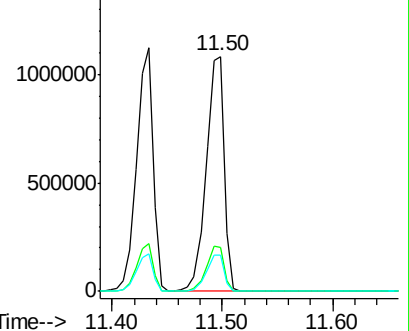
3/29/2017 1:56:55 PM



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: 34.19 ng

RT: 11.70 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

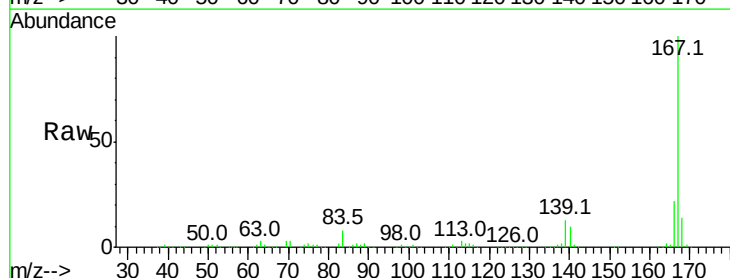
Tgt Ion:167 Resp: 1105316

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

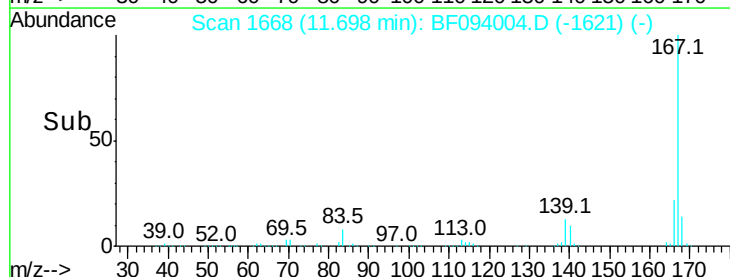
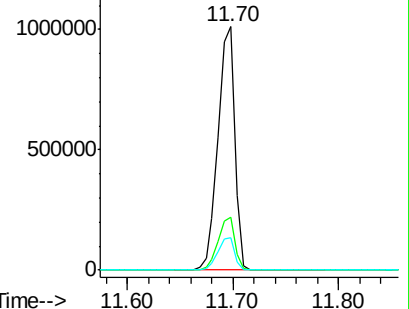
139 13.5 11.7 17.5

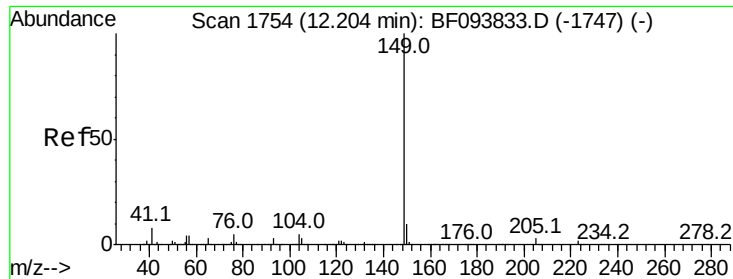


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.98 ng

RT: 12.15 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

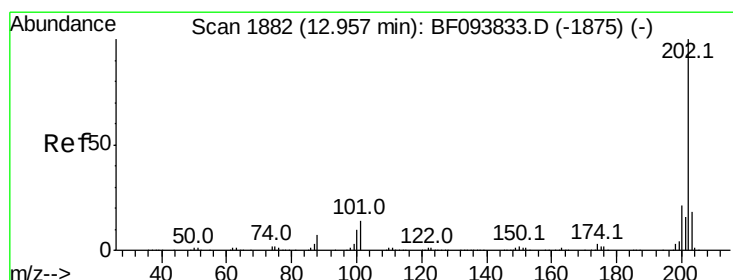
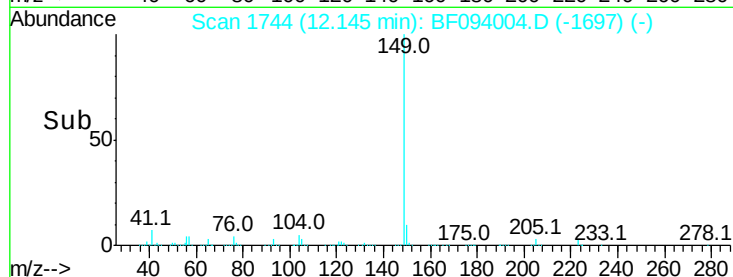
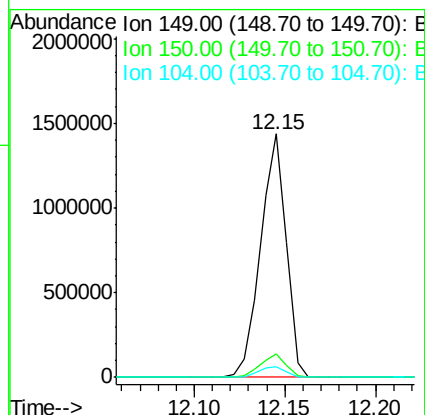
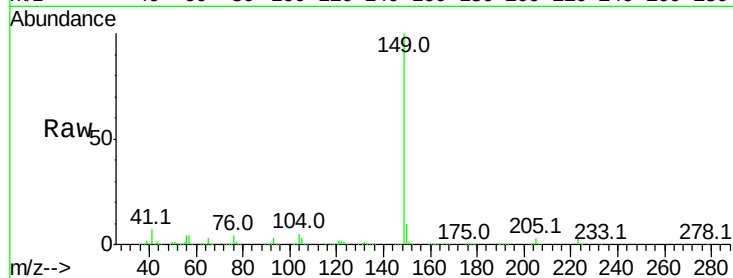
ClientSampleId :

PB97860BSD

Tot Ion:	149	Resp:	1411286
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#74

Fluoranthene

Concen: 37.03 ng

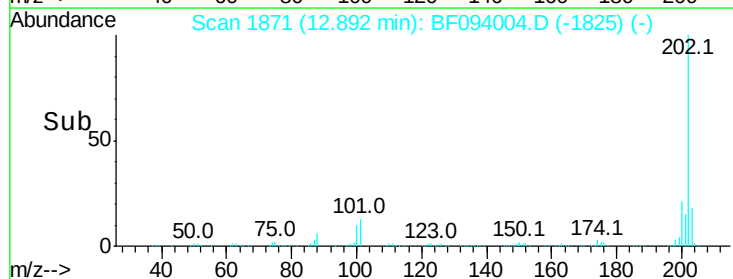
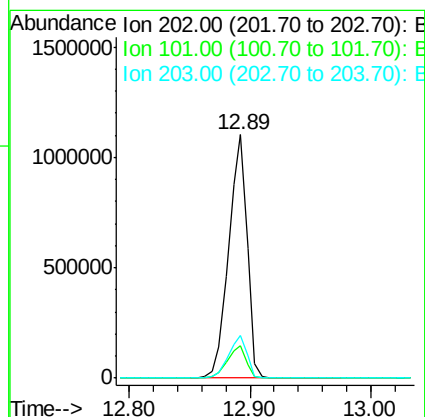
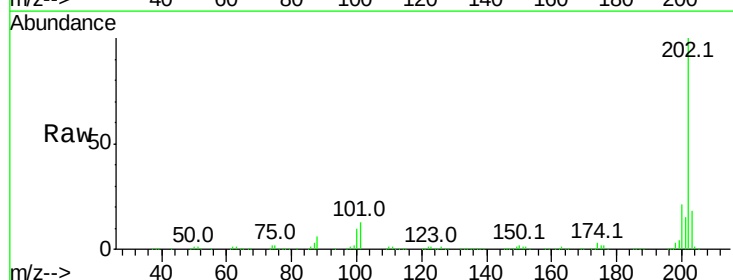
RT: 12.89 min Scan# 1871

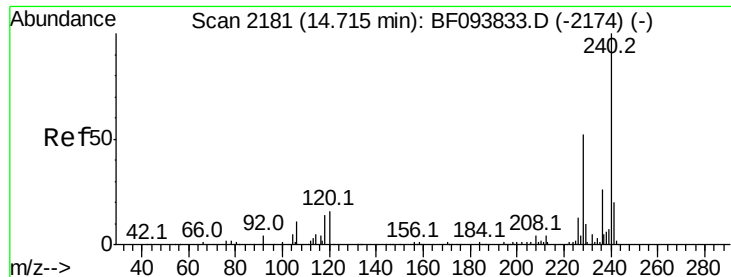
Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:	202	Resp:	1161062
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleID :

PB97860BSD

Tot Ion:240 Resp: 370250

Ion Ratio Lower Upper

240 100

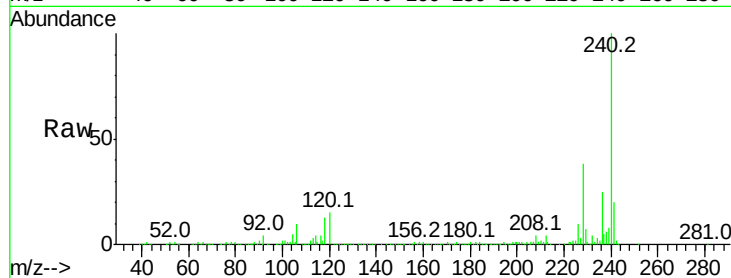
120 15.0 5.8 8.8#

236 25.2 20.5 30.7

Manual Integrations
APPROVED

mohammad

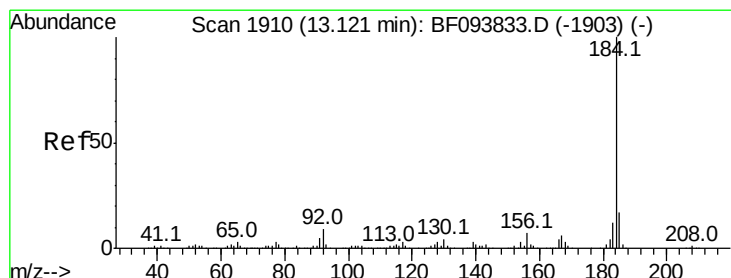
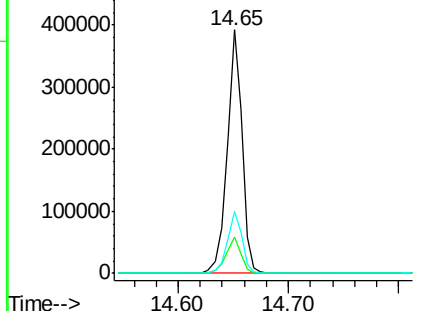
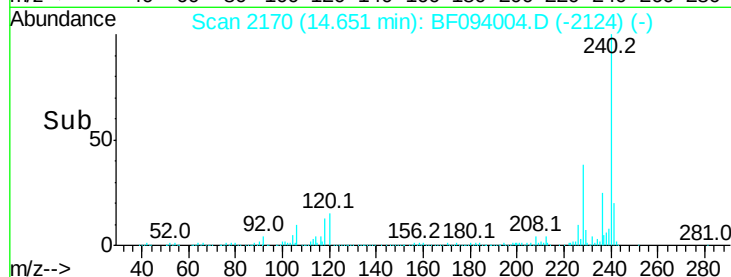
3/29/2017 1:56:55 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.43 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

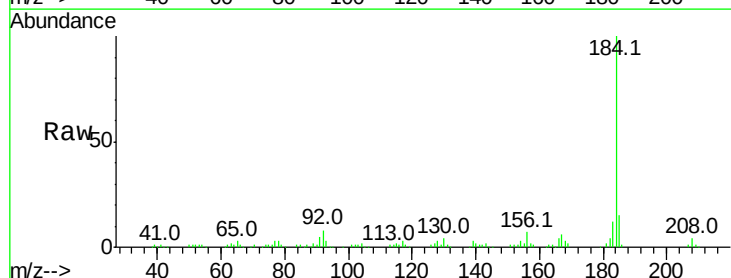
Tgt Ion:184 Resp: 138133

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

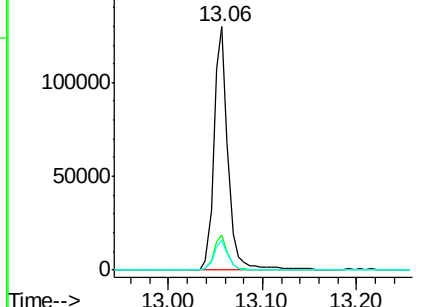
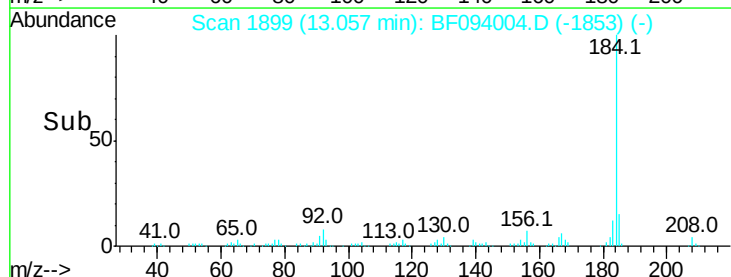
183 12.2 9.8 14.6

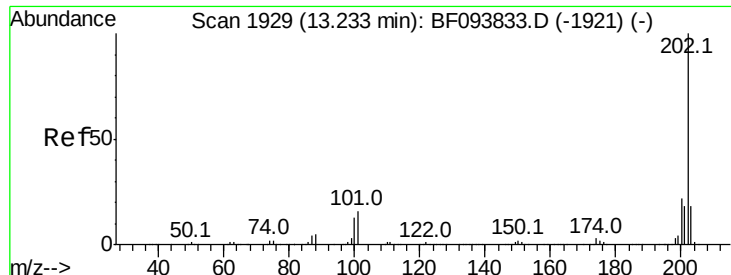


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





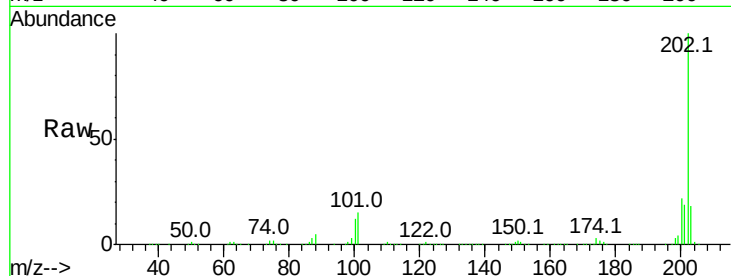
#77
Pvrene
Concen: 42.89 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.7	14.4	21.6

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM

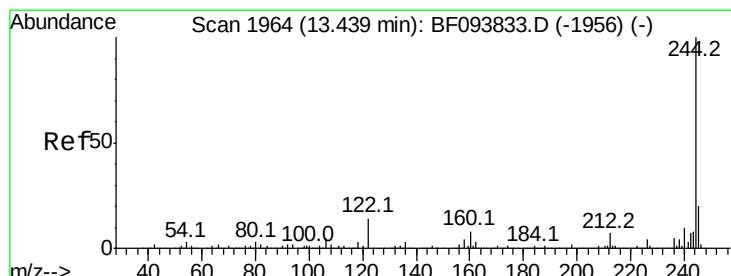
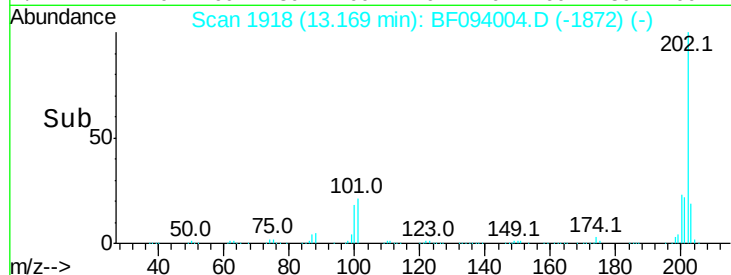
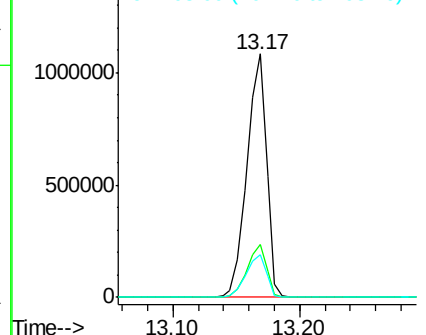


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 80.28 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

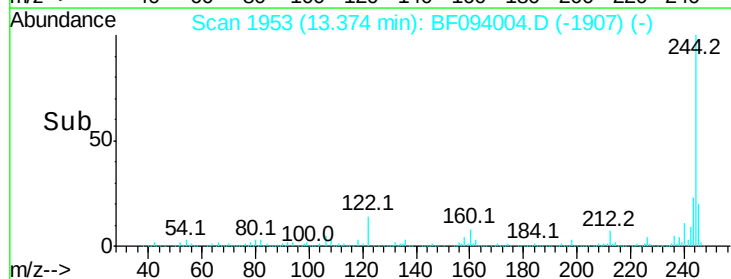
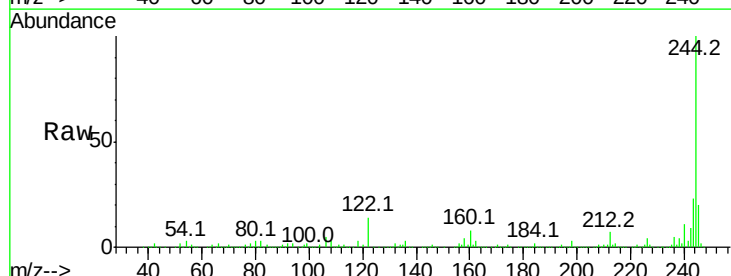
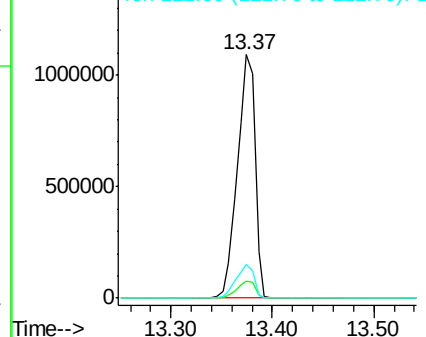
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.1	10.3	15.5

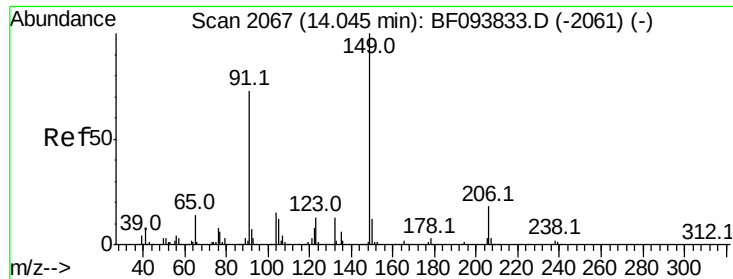
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





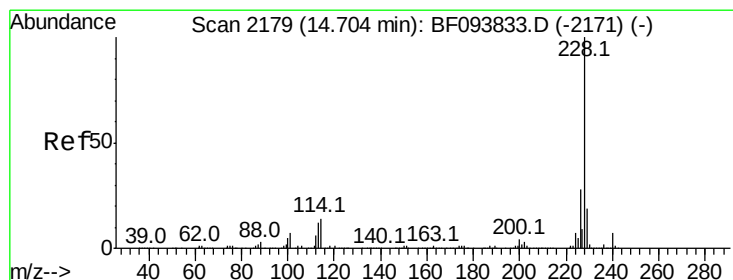
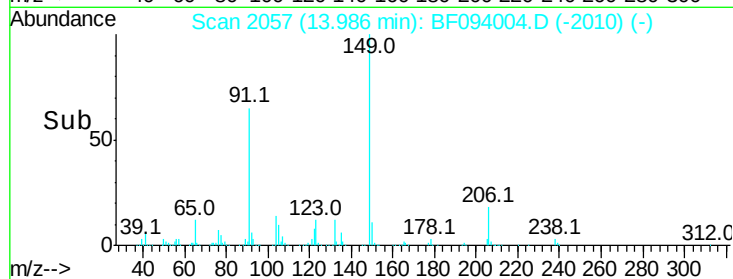
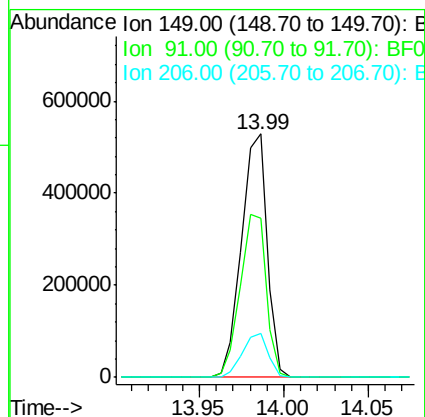
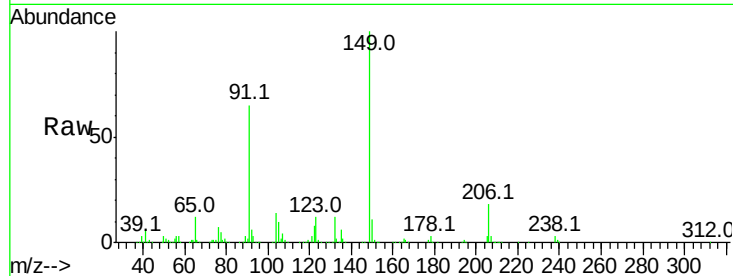
#79
Butylbenzylphthalate
Concen: 49.07 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	45.0	67.4
206	18.0	17.0	25.6

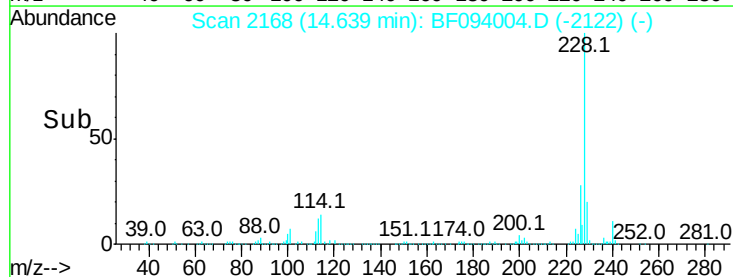
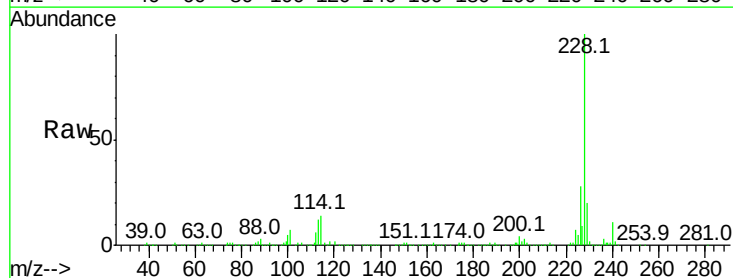
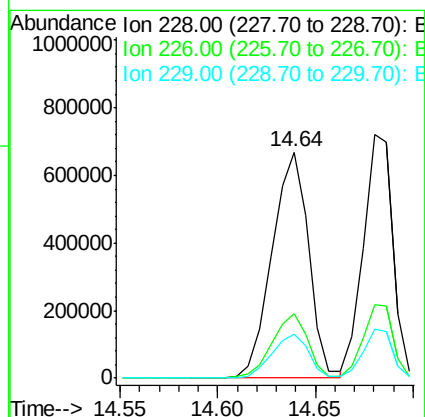
Manual Integrations
APPROVED

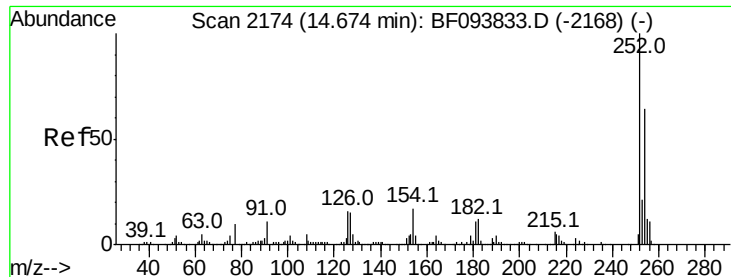
mohammad
3/29/2017 1:56:55 PM



#80
Benzo(a)anthracene
Concen: 40.25 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.6	16.3	24.5





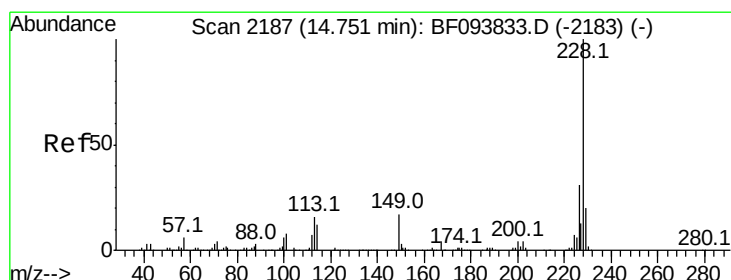
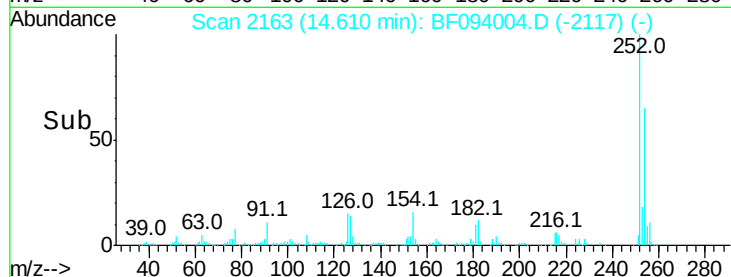
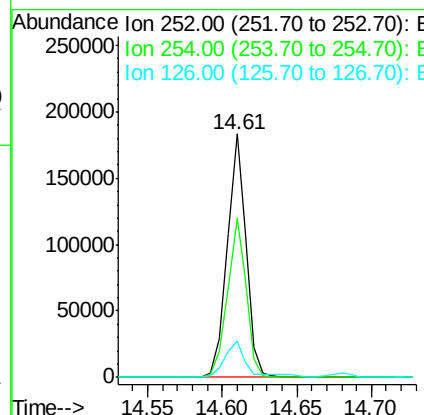
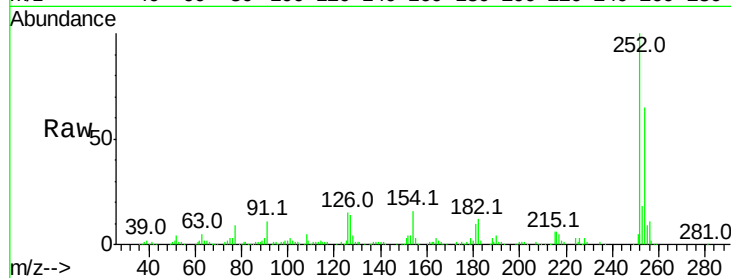
#81
 3,3'-Dichlorobenzidine
 Concen: 21.42 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	51.5	77.3
126	14.9	15.8	23.8

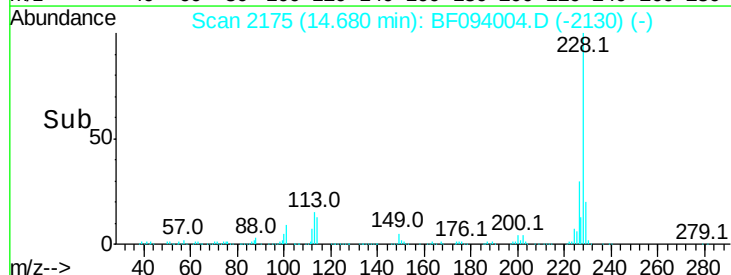
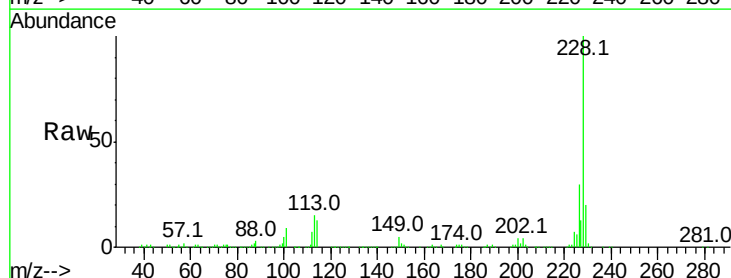
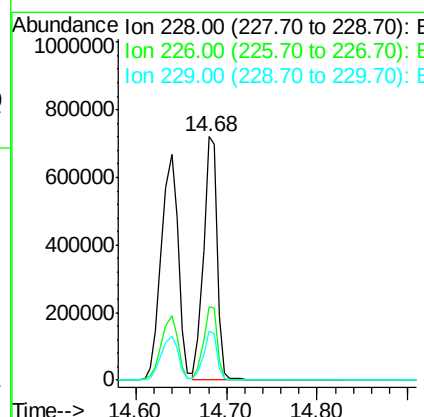
Manual Integrations
 APPROVED

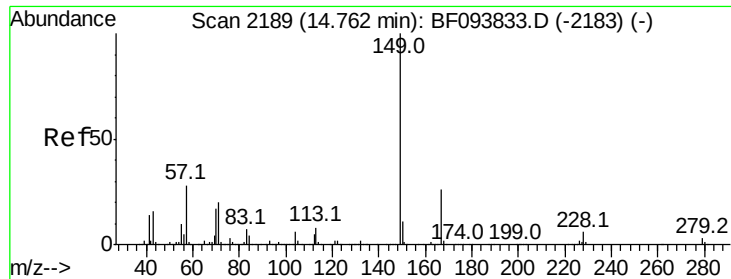
mohammad
 3/29/2017 1:56:55 PM



#82
 Chrysene
 Concen: 38.05 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.14 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

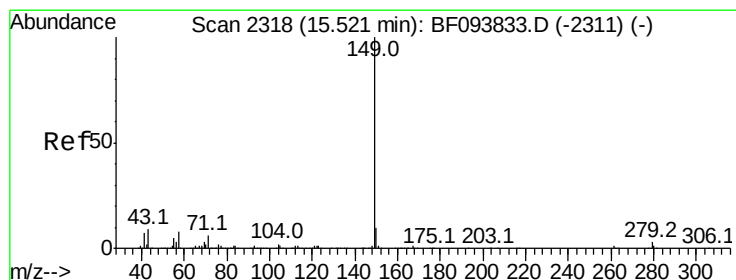
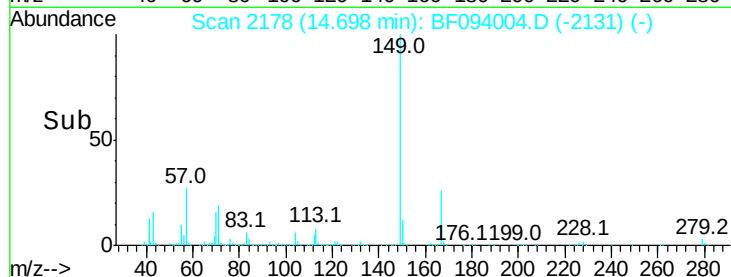
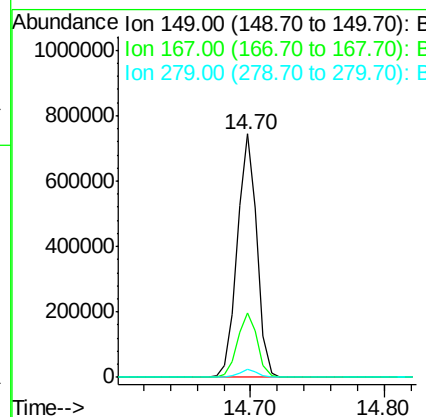
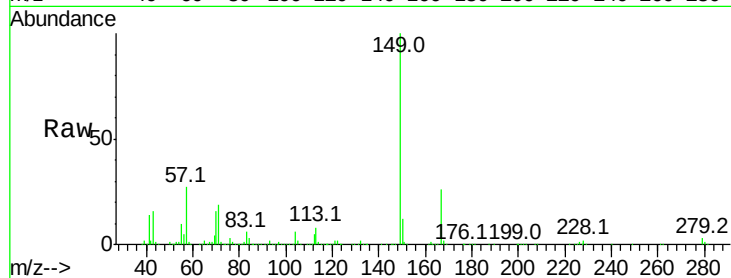
ClientSampleId :

PB97860BSD

Tot Ion:	149	Resp:	767500
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.0	31.4
279	3.2	1.9	2.9#

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM



#84

Di-n-octyl phthalate

Concen: 47.35 ng

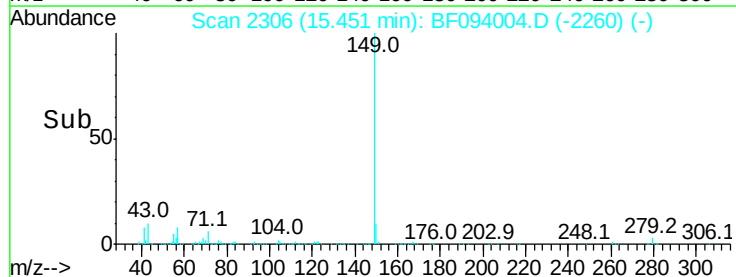
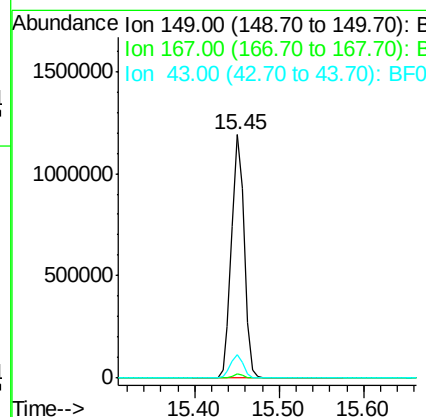
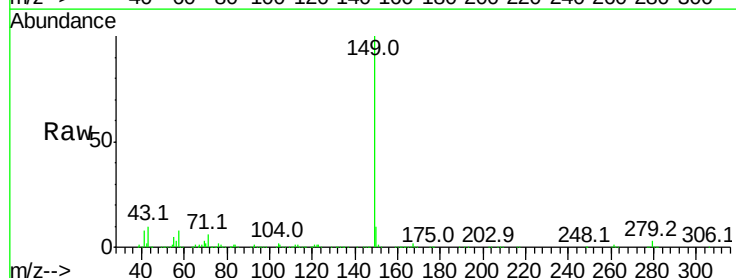
RT: 15.45 min Scan# 2306

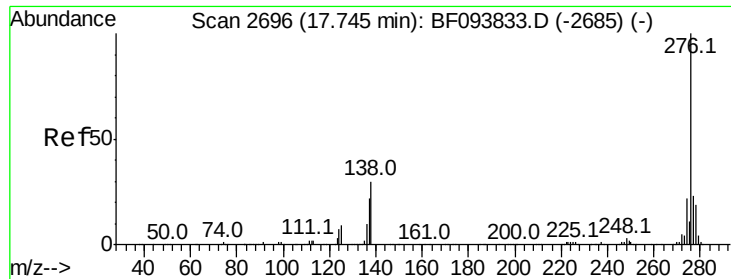
Delta R.T. -0.03 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Tgt Ion:	149	Resp:	1235482
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.7	8.5	12.7





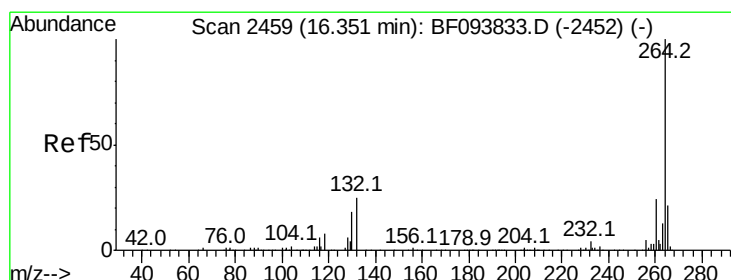
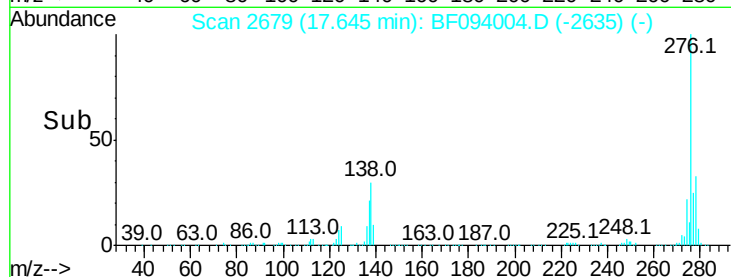
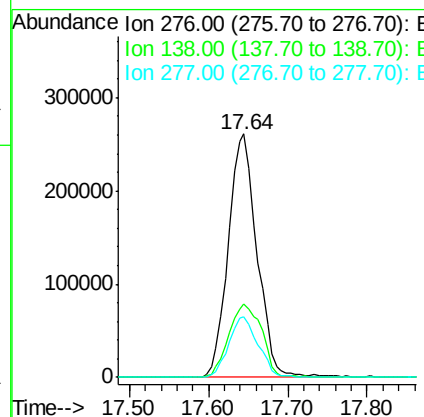
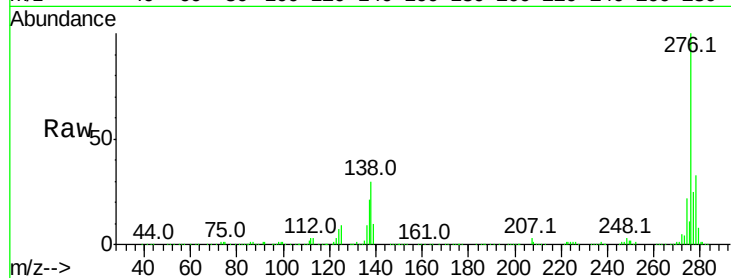
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.71 ng
 RT: 17.64 min Scan# 2679
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.5	20.2	30.4

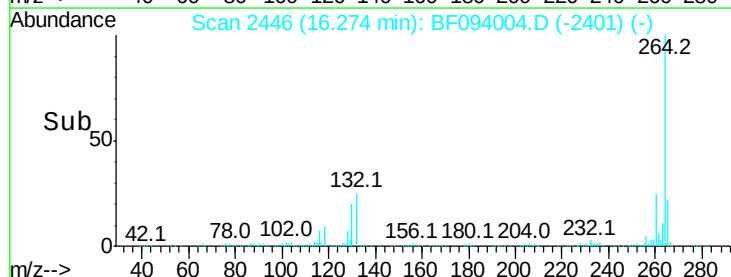
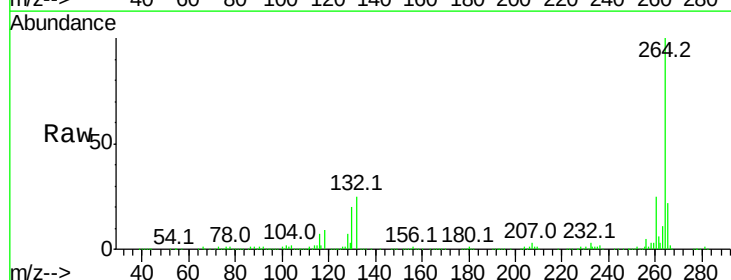
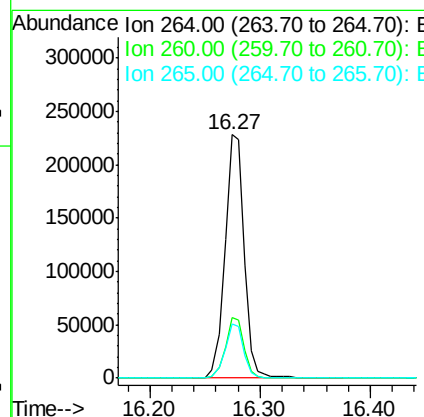
Manual Integrations
 APPROVED

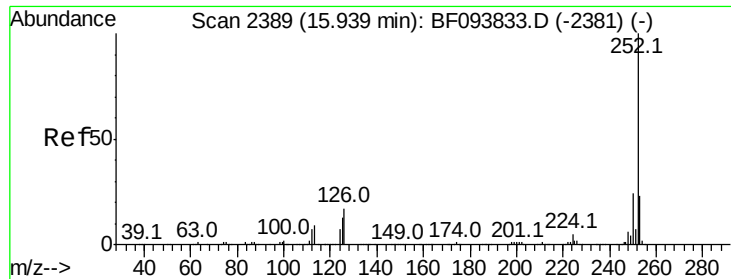
mohammad
 3/29/2017 1:56:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094004.D
 Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.2	25.8





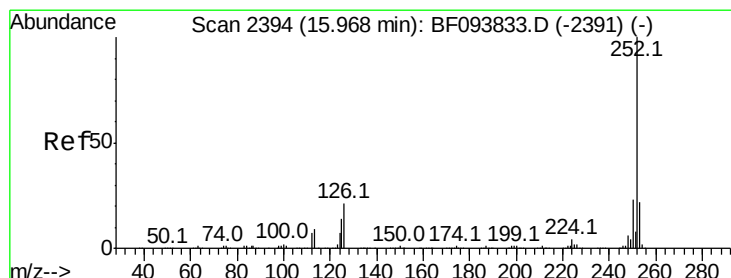
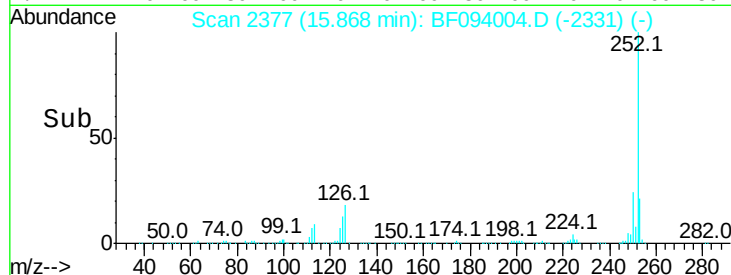
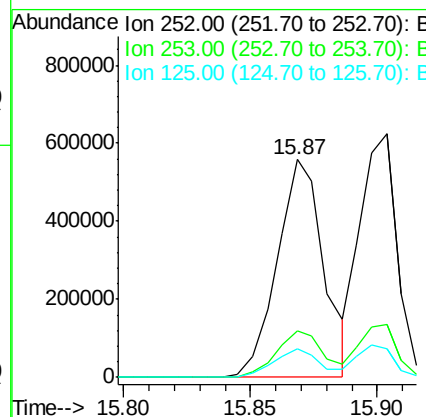
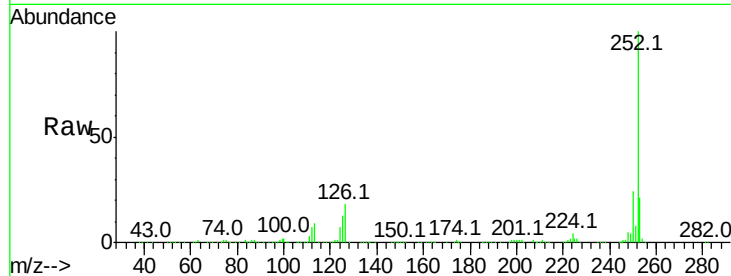
#87
Benzo(b)fluoranthene
Concen: 42.46 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	13.3	9.8	14.8

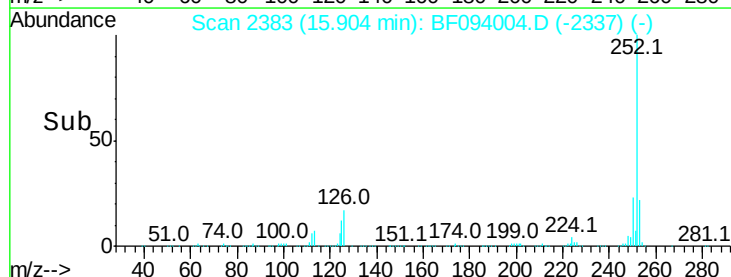
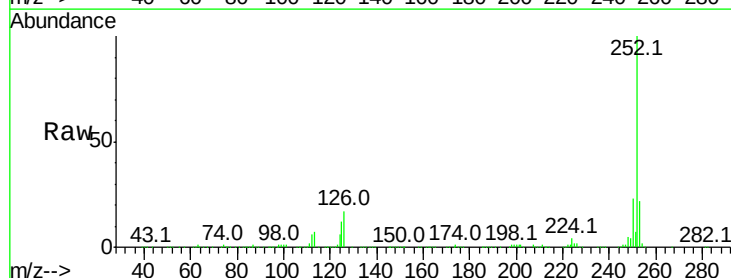
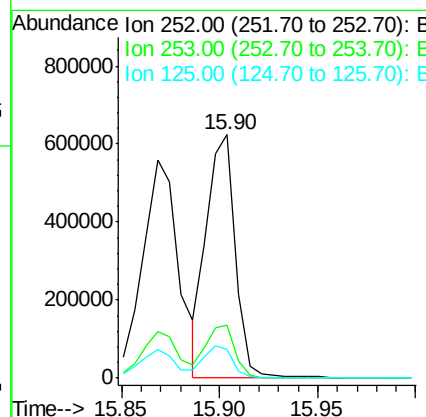
Manual Integrations
APPROVED

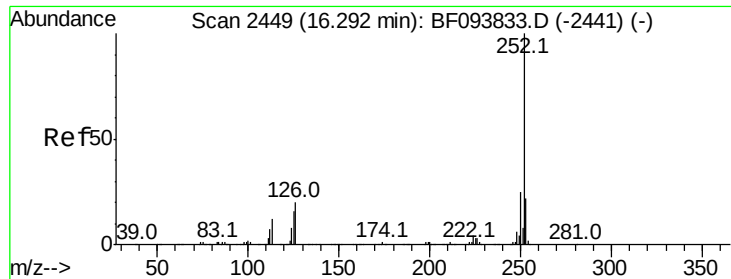
mohammad
3/29/2017 1:56:55 PM



#88
Benzo(k)fluoranthene
Concen: 39.05 ng m
RT: 15.90 min Scan# 2383
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	11.8	13.1	19.7





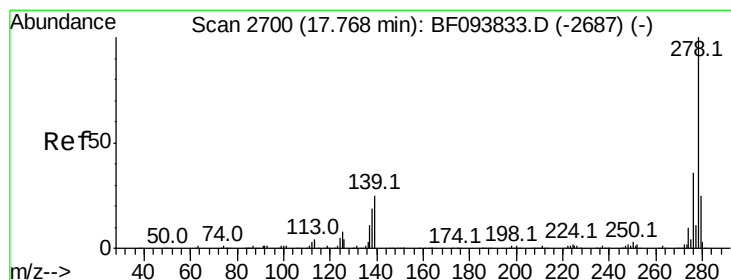
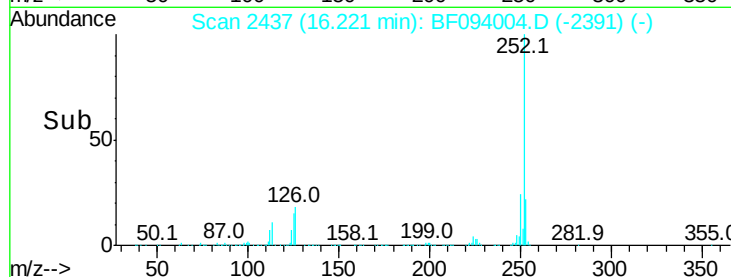
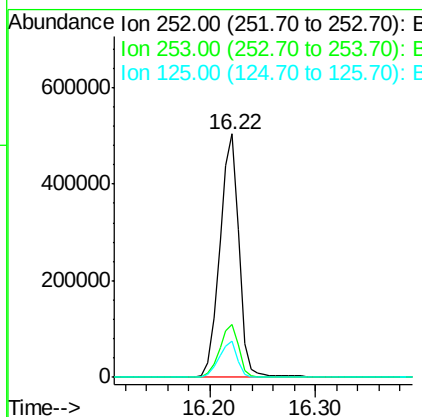
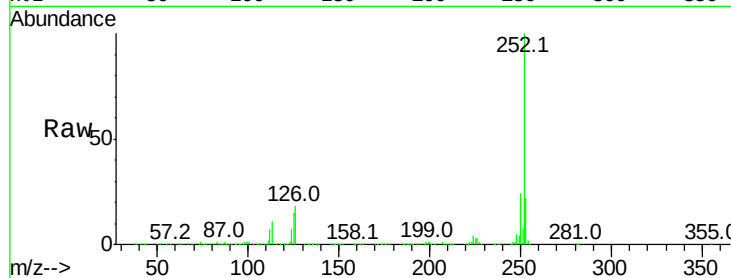
#89
Benzo(a)pyrene
Concen: 41.31 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.8	11.0	16.4

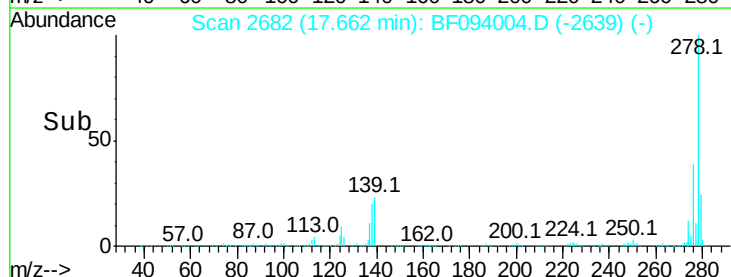
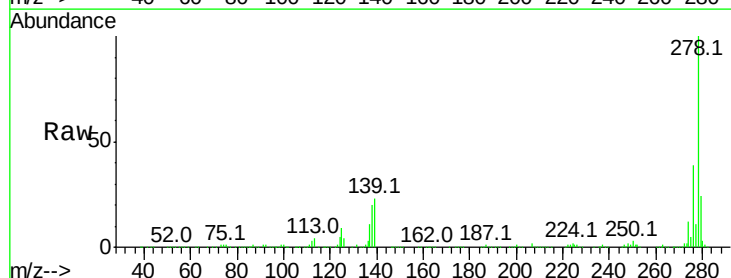
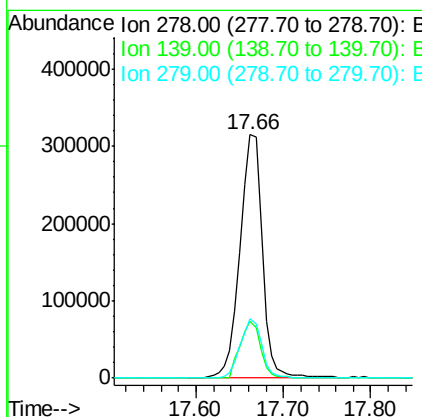
Manual Integrations
APPROVED

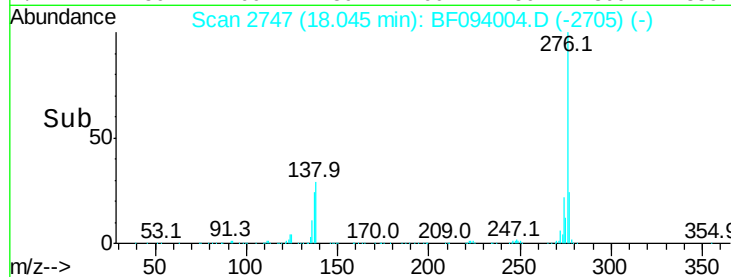
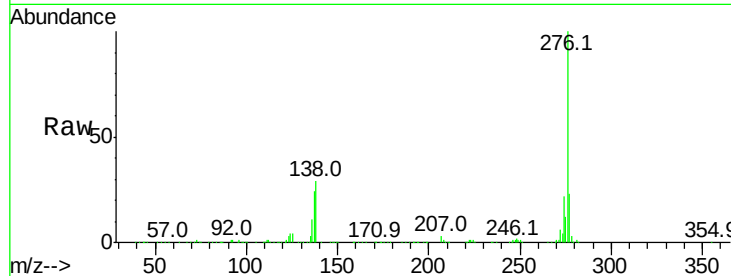
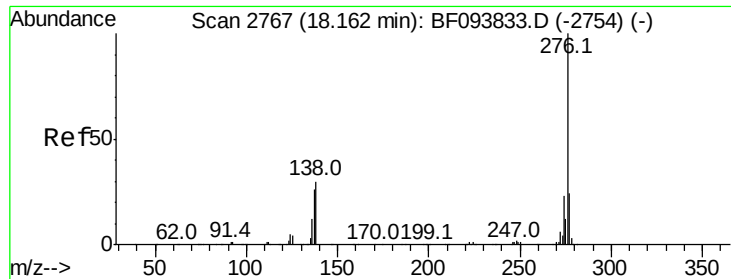
mohammad
3/29/2017 1:56:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.35 ng
RT: 17.66 min Scan# 2682
Delta R.T. -0.05 min
Lab File: BF094004.D
Acq: 28 Mar 2017 20:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	24.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 39.77 ng

RT: 18.04 min Scan# 2747

Delta R.T. -0.05 min

Lab File: BF094004.D

Acq: 28 Mar 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB97860BSD

Tot Ion:	276	Resp:	527287
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	28.9	25.4	38.0

Manual Integrations
APPROVED

mohammad
3/29/2017 1:56:55 PM

