

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080733.D
 Acq On : 31 Jul 2015 14:37
 Operator : TP/UM
 Sample : PB84695BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:23 AM

Quant Time: Aug 01 01:26:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155306	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	573424	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	305393	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	543123	20.00	ng	0.00
75) Chrysene-d12	14.00	240	334262	20.00	ng	0.00
86) Perylene-d12	15.41	264	280530	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1087711	120.15	ng	0.02
7) Phenol-d6	6.49	99	1475620	119.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	1066008	90.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	444106	140.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1822812	89.05	ng	0.00
78) Terphenyl-d14	12.96	244	1682443	95.19	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.60	88	156547	35.06	ng	98
3) Pyridine	3.31	79	372557	30.08	ng	98
4) n-Nitrosodimethylamine	3.26	42	286340	40.44	ng	99
6) Aniline	6.52	93	313684	17.68	ng	95
8) 2-Chlorophenol	6.64	128	384773	37.92	ng	96
9) Benzaldehyde	6.40	77	55210	5.73	ng	89
10) Phenol	6.50	94	541045	37.93	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	407402	39.99	ng	98
12) 1,3-Dichlorobenzene	6.80	146	463681	41.05	ng	97
13) 1,4-Dichlorobenzene	6.88	146	458372	39.77	ng	98
14) 1,2-Dichlorobenzene	7.02	146	438396	41.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	935207	42.96	ng	97
17) 2-Methylphenol	7.12	107	346173	41.56	ng	95
18) Hexachloroethane	7.37	117	176271	40.98	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	354586	42.72	ng	# 93
20) 3+4-Methylphenols	7.26	107	464698	45.22	ng	# 88
22) Acetophenone	7.26	105	562621	40.65	ng	# 93
24) Nitrobenzene	7.44	77	530245	44.70	ng	97
25) Isophorone	7.68	82	866366	41.14	ng	98
26) 2-Nitrophenol	7.76	139	225057m	46.73	ng	
27) 2,4-Dimethylphenol	7.80	122	459784m	50.82	ng	
28) bis(2-Chloroethoxy)methane	7.89	93	565323	45.31	ng	99
29) 2,4-Dichlorophenol	8.00	162	351988	43.77	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	351716	40.11	ng	98
31) Naphthalene	8.16	128	1100718	38.46	ng	99
32) Benzoic acid	7.92	122	241028m	38.06	ng	
33) 4-Chloroaniline	8.21	127	75785	6.27	ng	96
34) Hexachlorobutadiene	8.28	225	239426	42.29	ng	98
35) Caprolactam	8.57	113	103035m	42.79	ng	
36) 4-Chloro-3-methylphenol	8.70	107	403923	46.59	ng	# 87
37) 2-Methylnaphthalene	8.85	142	803314	44.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	324799	33.87	ng	98
40) Hexachlorocyclopentadiene	9.00	237	469242	79.53	ng	98
42) 2,4,6-Trichlorophenol	9.13	196	236558	35.46	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080733.D
 Acq On : 31 Jul 2015 14:37
 Operator : TP/UM
 Sample : PB84695BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

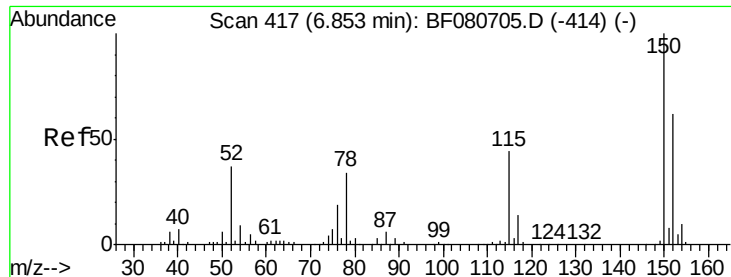
Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:23 AM

Quant Time: Aug 01 01:26:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	284372	42.97	ng	95
45) 1,1'-Biphenyl	9.31	154	884923	37.79	ng	95
46) 2-Chloronaphthalene	9.33	162	699223	36.56	ng	# 89
47) 2-Nitroaniline	9.44	65	309090	41.54	ng	96
48) Acenaphthylene	9.76	152	1209168	39.76	ng	99
49) Dimethylphthalate	9.62	163	890257	41.37	ng	99
50) 2,6-Dinitrotoluene	9.68	165	198426	43.44	ng	97
51) Acenaphthene	9.93	154	882184	47.55	ng	99
52) 3-Nitroaniline	9.84	138	76459	14.51	ng	# 55
53) 2,4-Dinitrophenol	9.95	184	246652	101.39	ng	# 60
54) Dibenzofuran	10.10	168	1067766	43.03	ng	99
55) 4-Nitrophenol	10.00	139	237442	61.15	ng	# 53
56) 2,4-Dinitrotoluene	10.08	165	256174	42.77	ng	93
57) Fluorene	10.44	166	810338	42.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	228280	45.74	ng	97
59) Diethylphthalate	10.32	149	848371	40.90	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	367561	44.09	ng	97
61) 4-Nitroaniline	10.45	138	159030	33.42	ng	96
62) Azobenzene	10.59	77	1047657	46.62	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	135555	41.44	ng	93
65) n-Nitrosodiphenylamine	10.54	169	651985	36.62	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	259570	46.30	ng	94
67) Hexachlorobenzene	10.98	284	256527	39.57	ng	96
68) Atrazine	11.07	200	69951	12.76	ng	97
69) Pentachlorophenol	11.17	266	308243	78.58	ng	97
70) Phenanthrene	11.39	178	1052590	38.47	ng	100
71) Anthracene	11.45	178	1212793	45.11	ng	100
72) Carbazole	11.60	167	863114	36.99	ng	98
73) Di-n-butylphthalate	11.94	149	1360957	47.03	ng	99
74) Fluoranthene	12.58	202	1196729	45.24	ng	98
76) Benzidine	12.71	184	159339	13.09	ng	99
77) Pyrene	12.81	202	1166862	45.01	ng	100
79) Butylbenzylphthalate	13.43	149	466437	43.43	ng	92
80) Benzo(a)anthracene	13.99	228	808567	40.22	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	145237	21.17	ng	98
82) Chrysene	14.02	228	740145	37.93	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	600121	46.50	ng	# 93
84) Di-n-octyl phthalate	14.60	149	1008252	46.59	ng	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	728840	41.63	ng	# 87
87) Benzo(b)fluoranthene	15.01	252	752555	44.91	ng	# 96
88) Benzo(k)fluoranthene	15.04	252	556093m	40.32	ng	
89) Benzo(a)pyrene	15.36	252	629226	45.74	ng	# 96
90) Dibenzo(a,h)anthracene	16.81	278	619073	50.27	ng	# 97
91) Benzo(g,h,i)perylene	17.21	276	616791	50.90	ng	97

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



#1

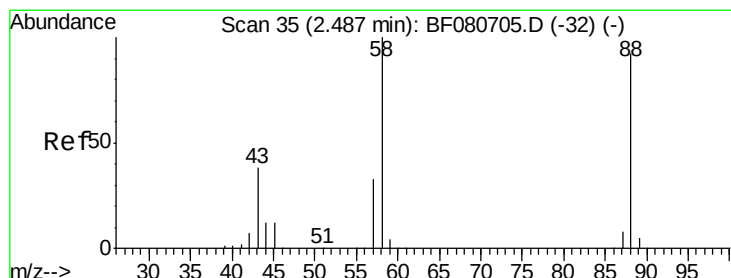
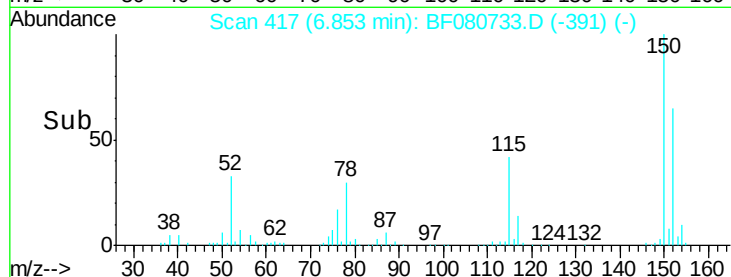
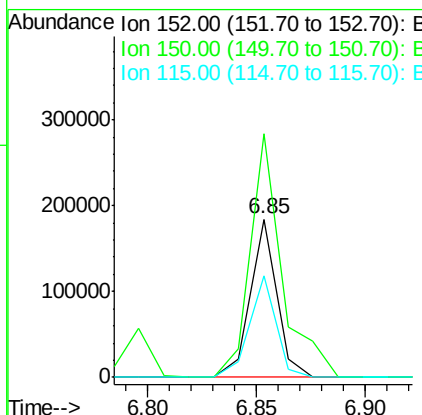
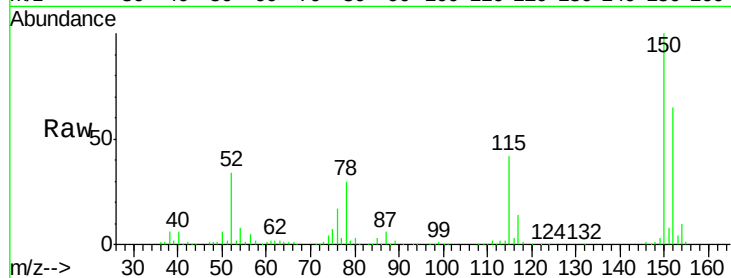
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	155306		
150	154.0	129.6	194.4	
115	64.2	56.6	85.0	

Manual Integrations
APPROVED

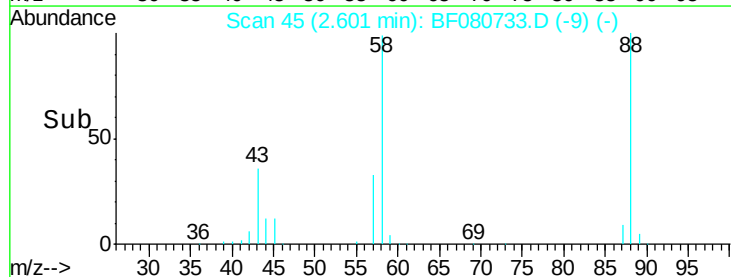
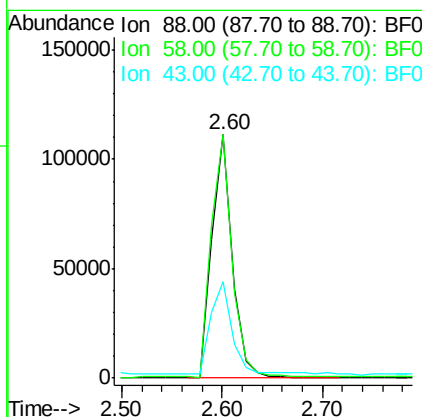
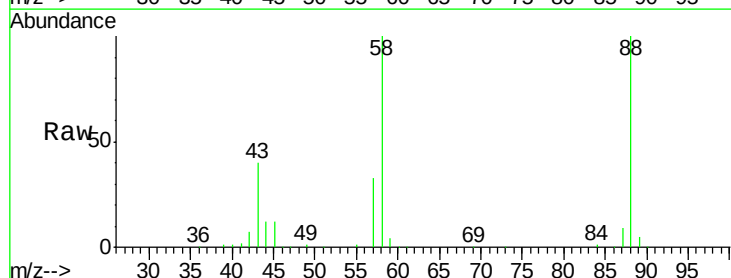
MMDadoda
8/3/2015 11:55:23 AM

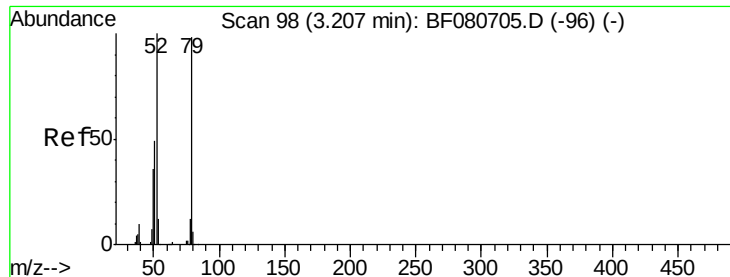


#2

1,4-Dioxane
Concen: 35.06 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.11 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	156547		
58	100.8	82.3	123.5	
43	40.5	31.7	47.5	





#3

Pyridine

Concen: 30.08 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.10 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

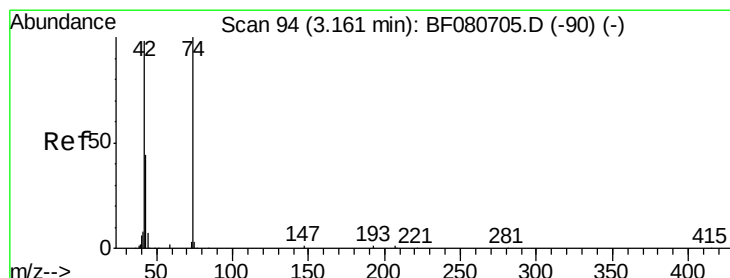
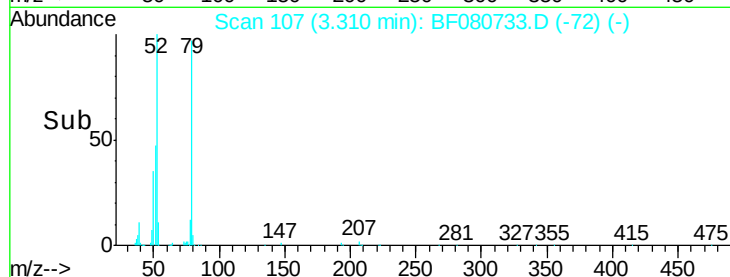
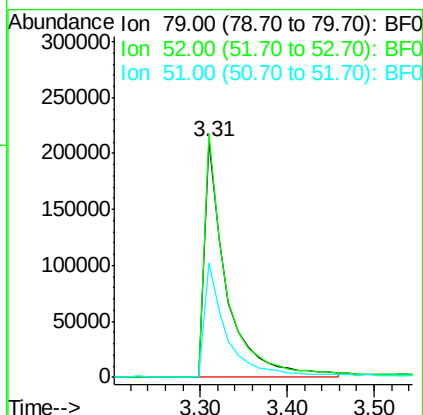
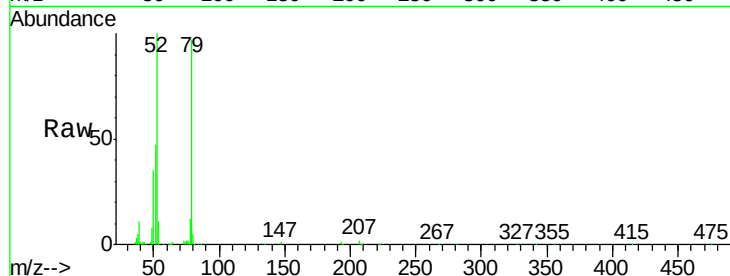
ClientSampleId :

PB84695BS

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM

Tgt Ion	Ratio	Lower	Upper
79	100		
52	103.3	81.6	122.4
51	48.6	40.2	60.2



#4

n-Nitrosodimethylamine

Concen: 40.44 ng

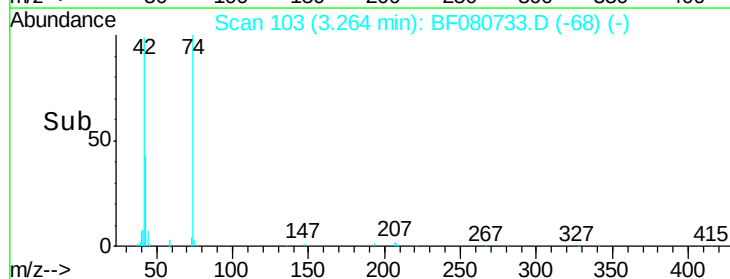
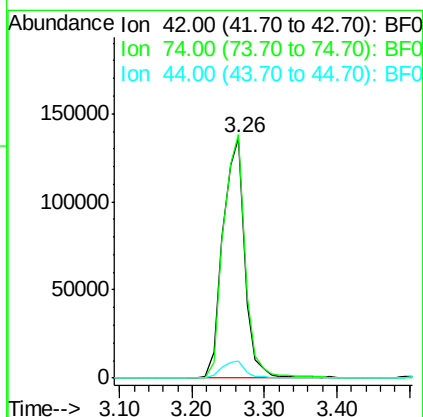
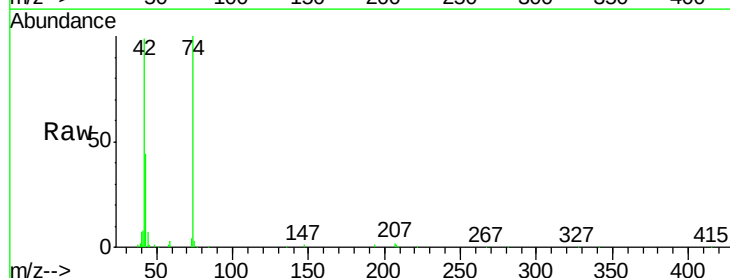
RT: 3.26 min Scan# 103

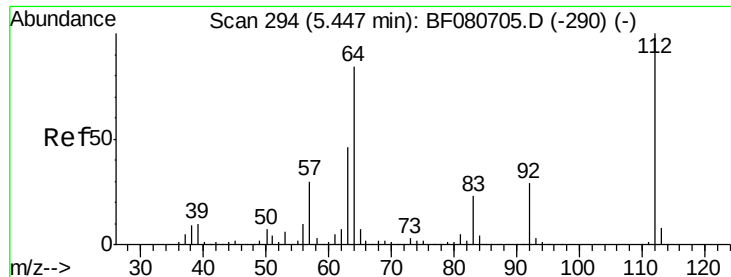
Delta R.T. 0.10 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.3	81.5	122.3
44	7.3	5.6	8.4





#5

2-Fluorophenol

Concen: 120.15 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080733.D

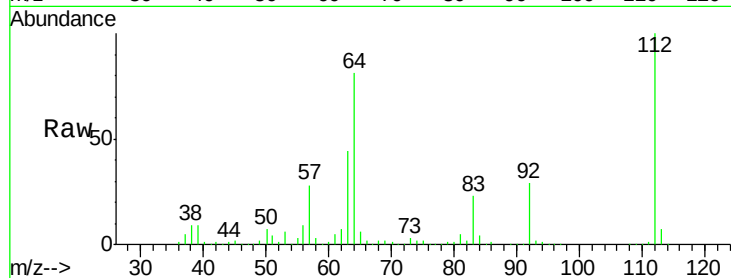
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

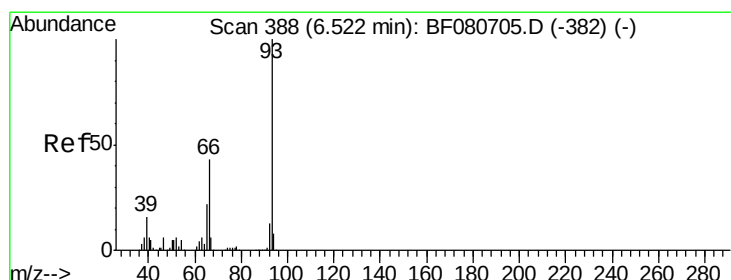
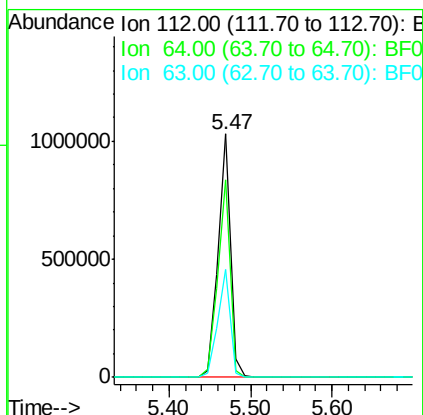
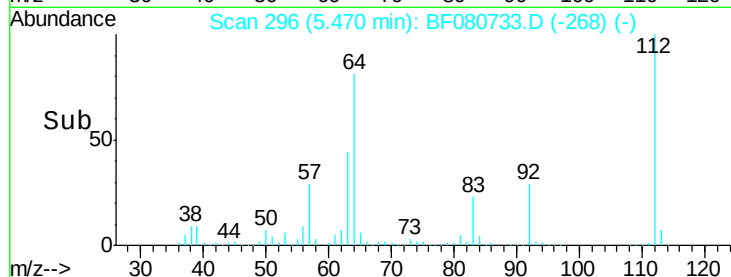
PB84695BS



Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.3	66.8	100.2
63	44.3	36.7	55.1

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#6

Aniline

Concen: 17.68 ng

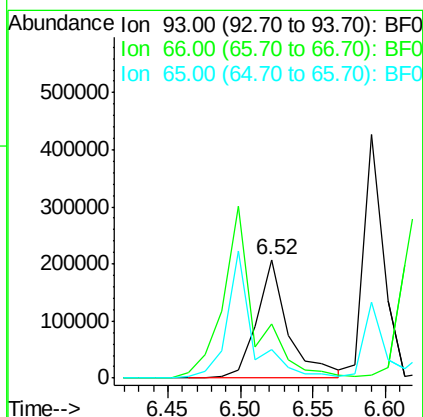
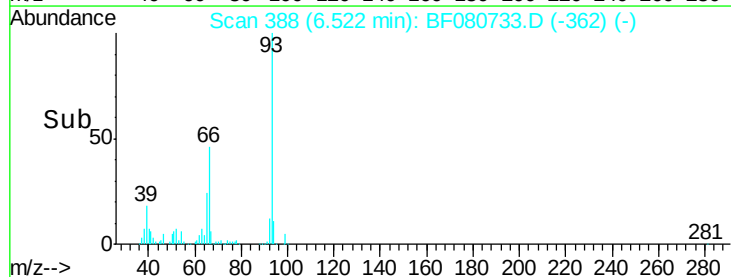
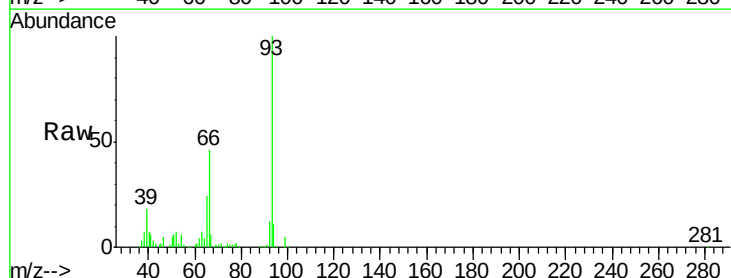
RT: 6.52 min Scan# 388

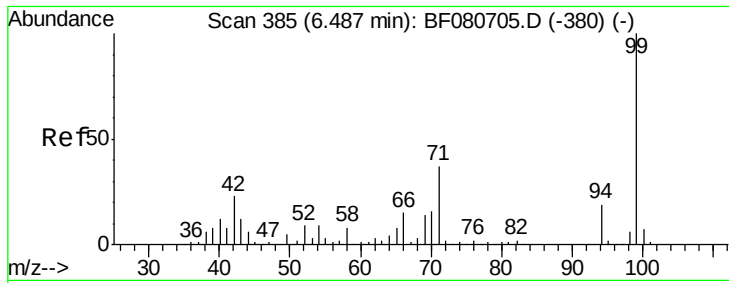
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.1	34.3	51.5
65	24.2	17.6	26.4





#7

Phenol-d6

Concen: 119.73 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080733.D

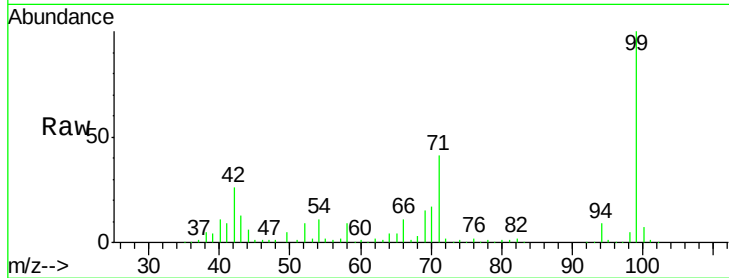
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS



Tgt Ion: 99 Resp: 1475620

Ion Ratio Lower Upper

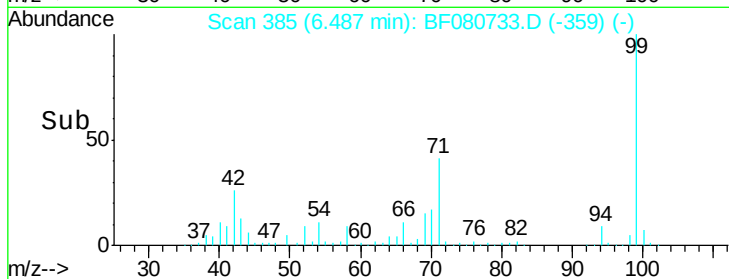
99 100

42 25.9 18.2 27.2

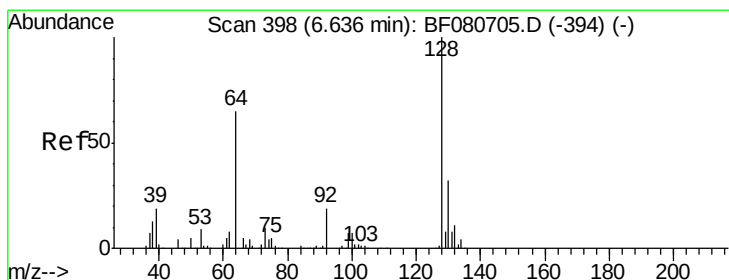
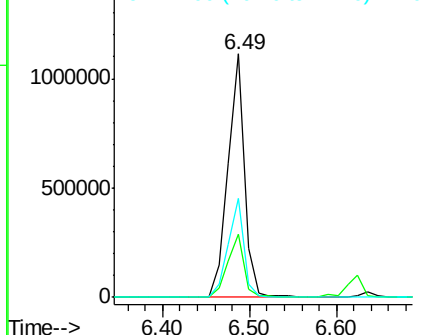
71 40.7 29.5 44.3

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0
1500000
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.92 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

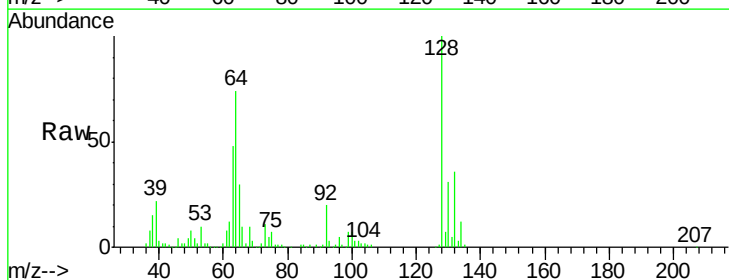
Tgt Ion: 128 Resp: 384773

Ion Ratio Lower Upper

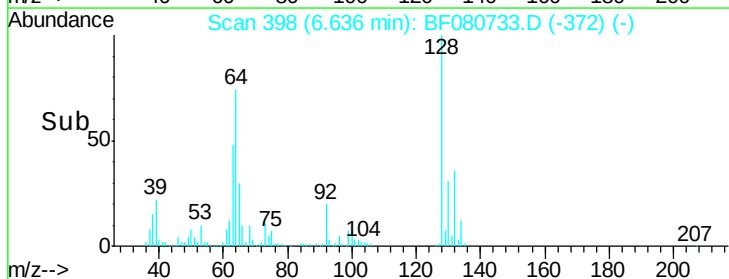
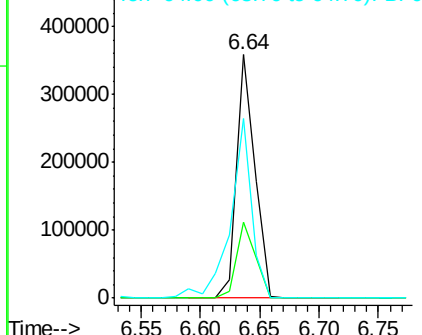
128 100

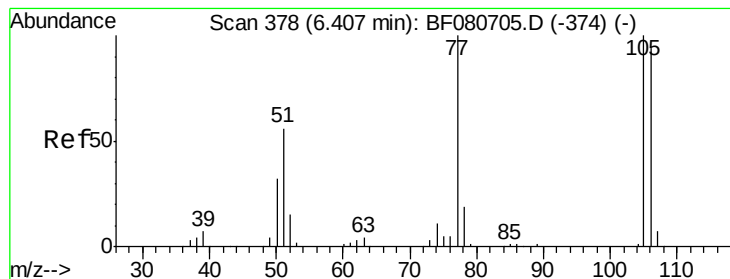
130 31.3 11.7 51.7

64 73.5 48.7 88.7



Abundance Ion 128.00 (127.70 to 128.70): E
500000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.73 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

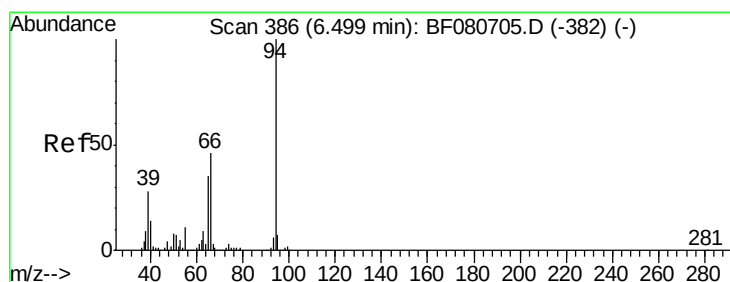
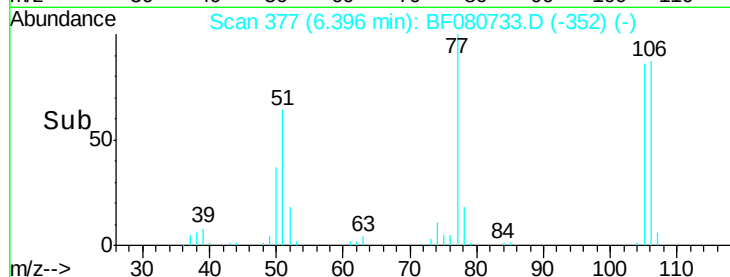
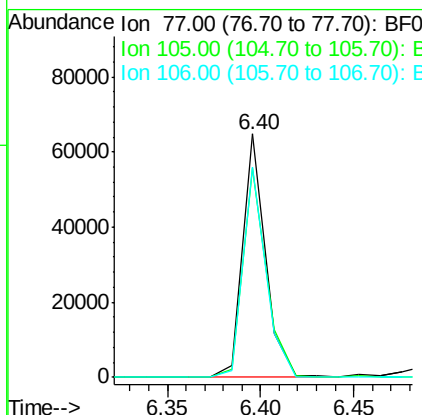
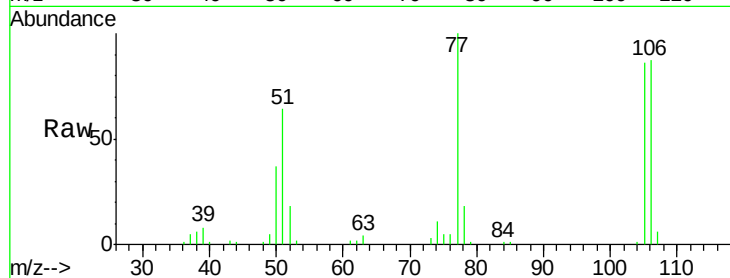
ClientSampleId :

PB84695BS

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM

Tgt Ion:	77	Resp:	55210
Ion	Ratio	Lower	Upper
77	100		
105	86.0	80.2	120.2
106	86.6	74.2	114.2



#10

Phenol

Concen: 37.93 ng

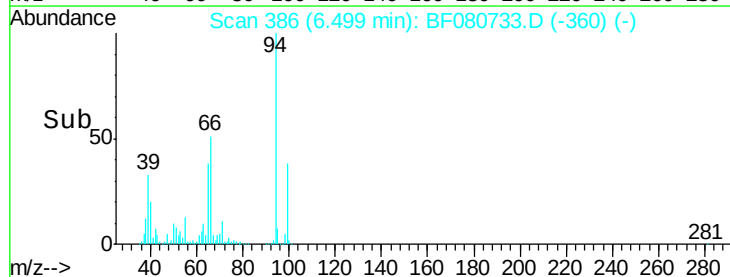
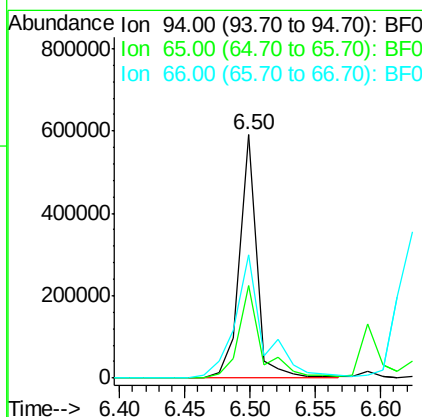
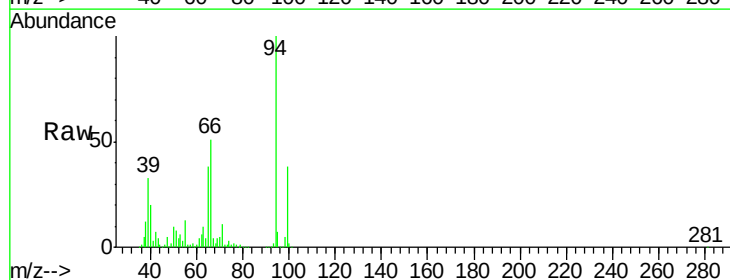
RT: 6.50 min Scan# 386

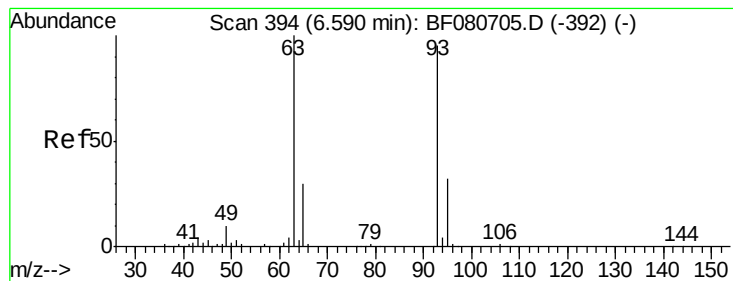
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:	94	Resp:	541045
Ion	Ratio	Lower	Upper
94	100		
65	37.8	14.7	54.7
66	50.8	25.9	65.9





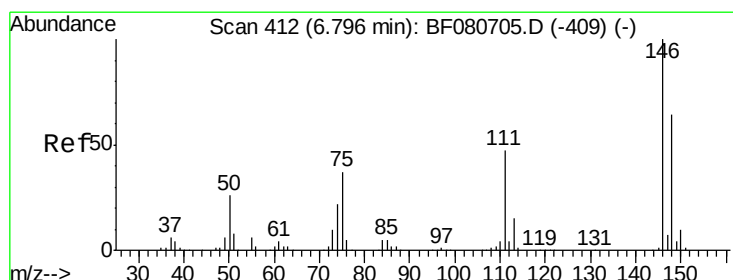
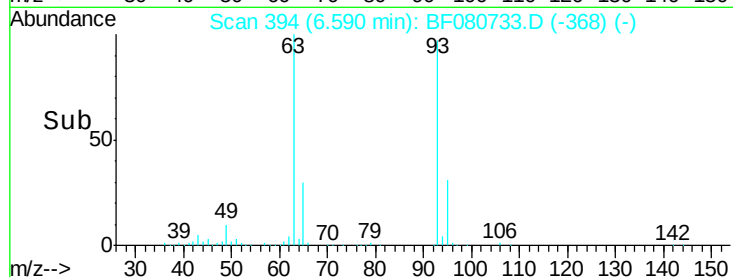
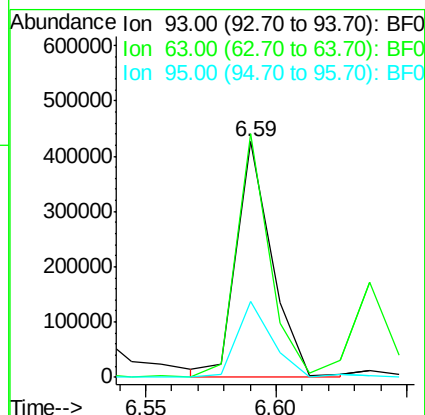
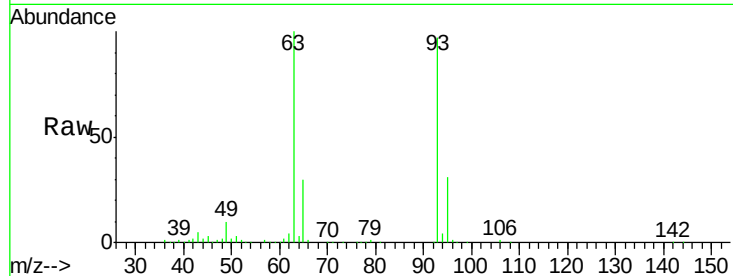
#11
bis(2-Chloroethyl)ether
Concen: 39.99 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	103.2	85.3	125.3
95	32.3	13.3	53.3

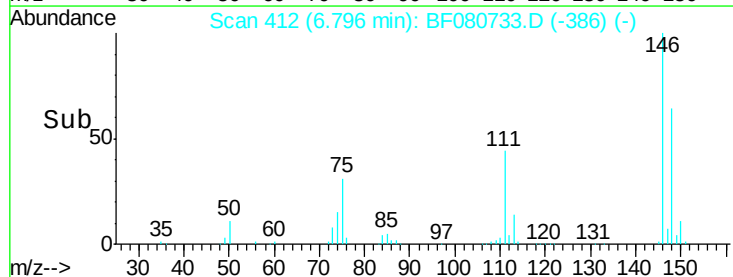
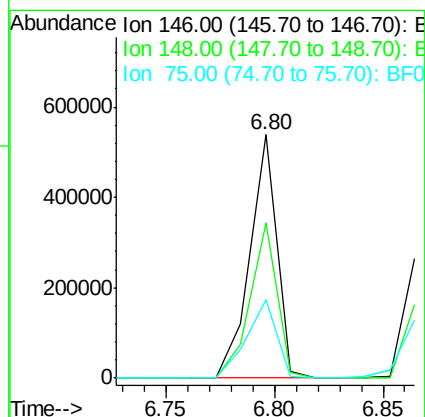
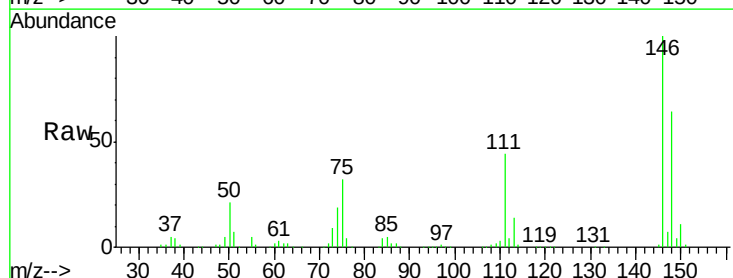
Manual Integrations
APPROVED

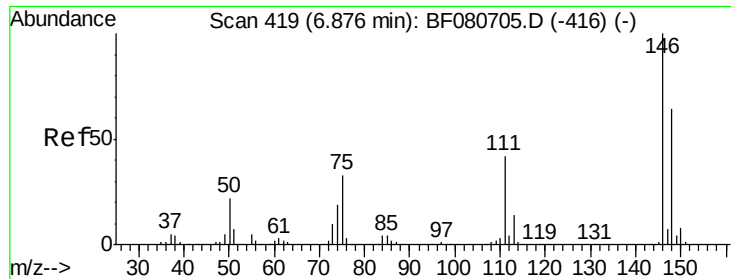
MMDadoda
8/3/2015 11:55:23 AM



#12
1,3-Dichlorobenzene
Concen: 41.05 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
75	32.4	29.4	44.0





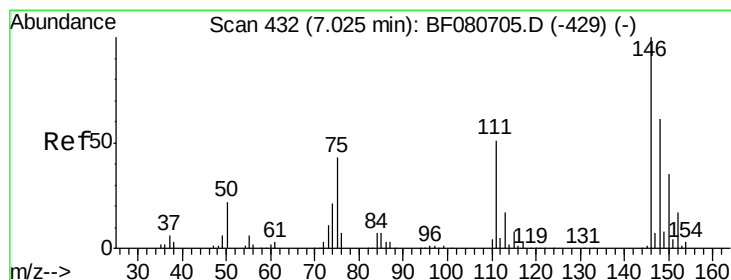
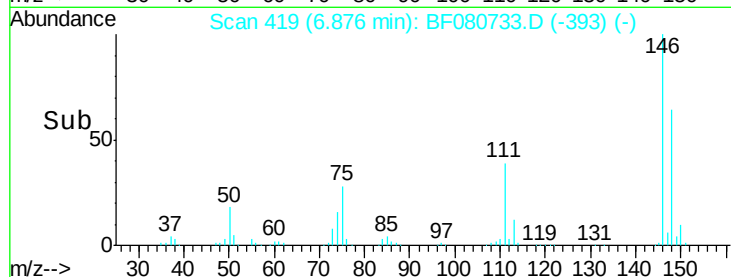
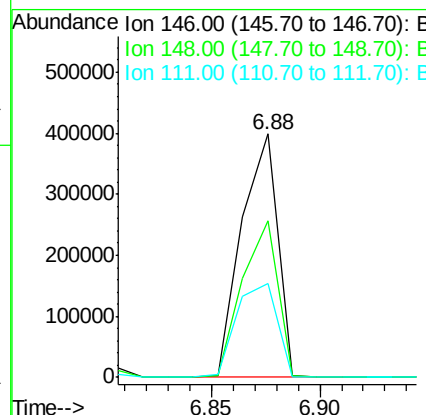
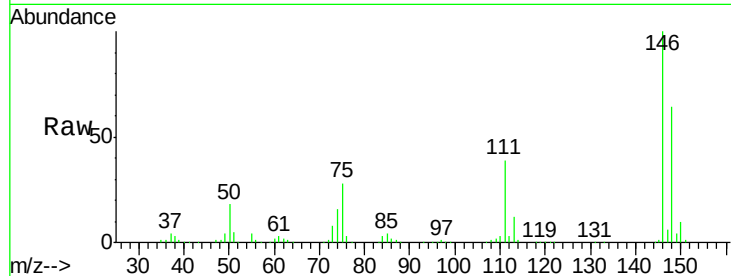
#13
 1,4-Dichlorobenzene
 Concen: 39.77 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	38.6	33.8	50.6

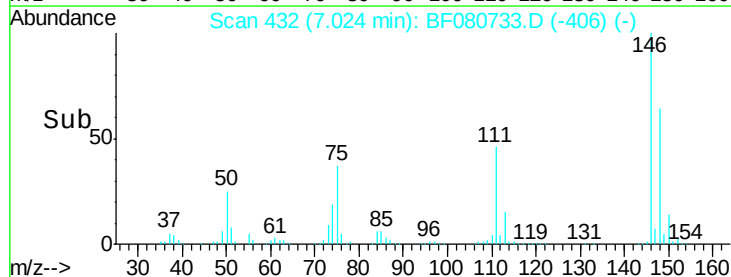
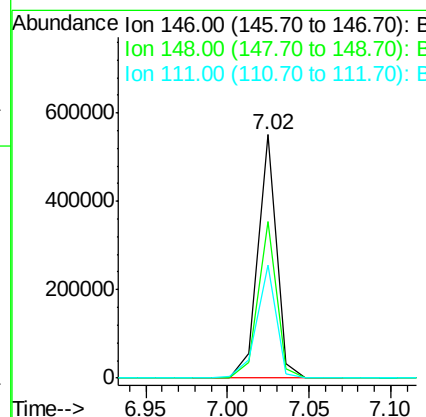
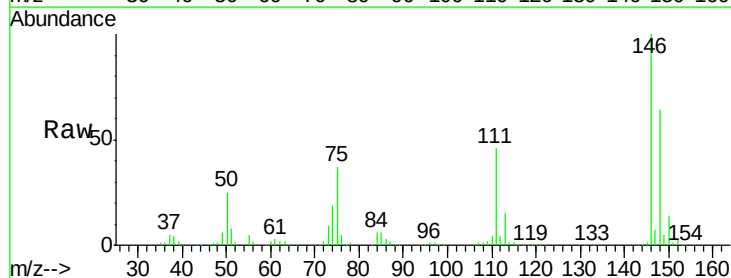
Manual Integrations
 APPROVED

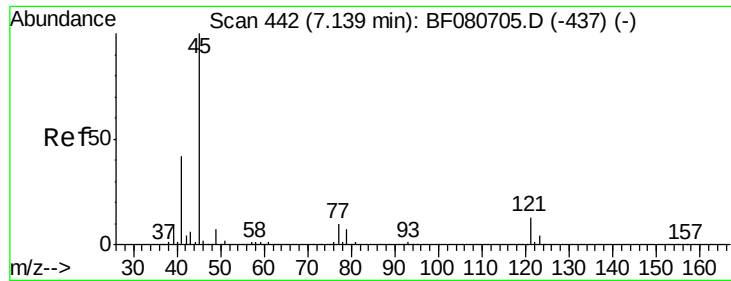
MMDadoda
 8/3/2015 11:55:23 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.62 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.2	73.8
111	46.5	41.0	61.4





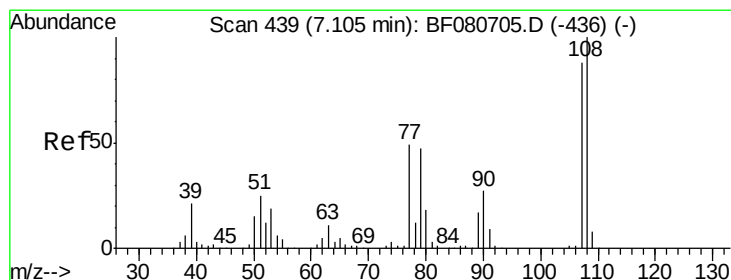
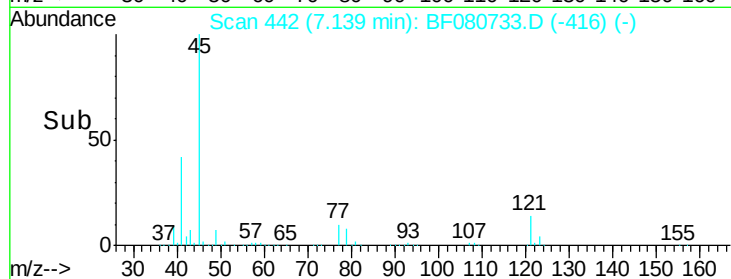
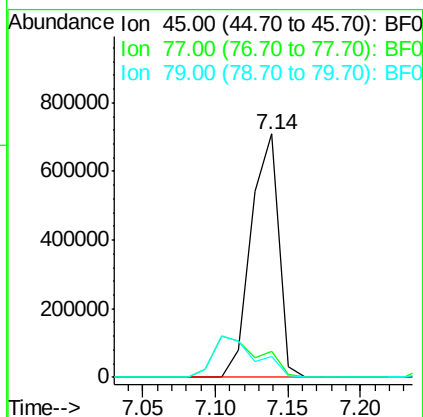
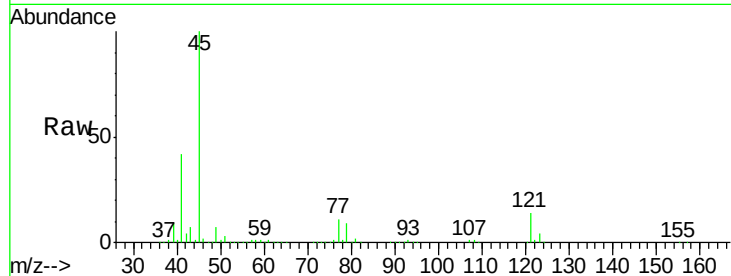
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.96 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	10.6	0.0	29.9
79	8.5	0.0	27.4

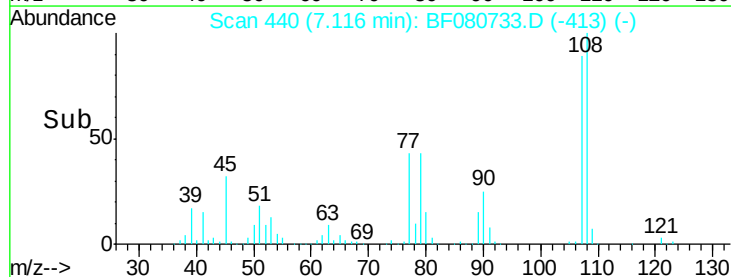
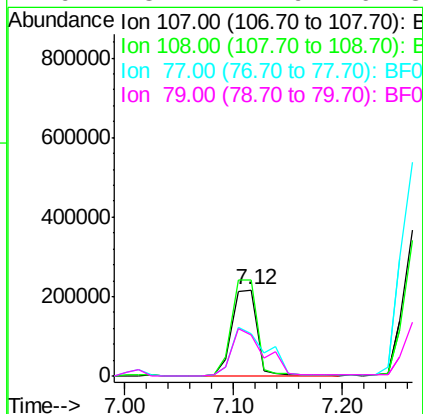
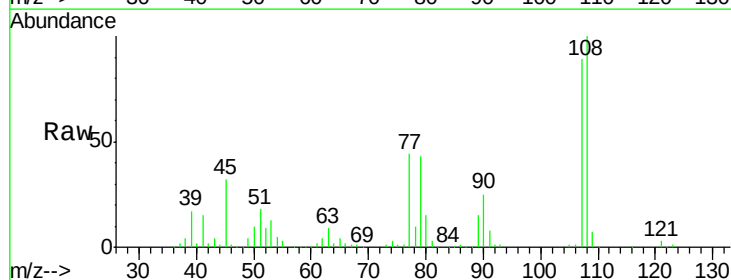
Manual Integrations
APPROVED

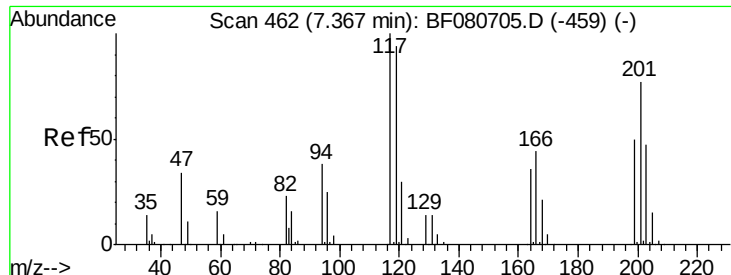
MMDadoda
8/3/2015 11:55:23 AM



#17
2-Methylphenol
Concen: 41.56 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.5	90.8	136.2
77	49.1	44.6	67.0
79	48.2	42.9	64.3





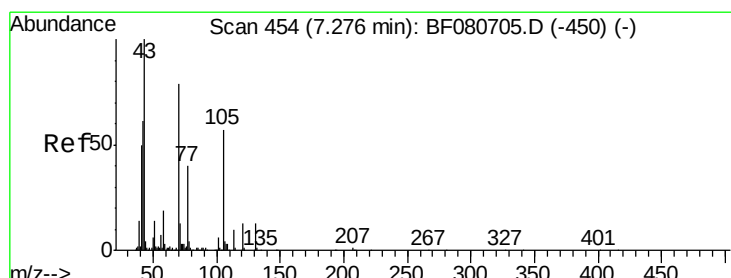
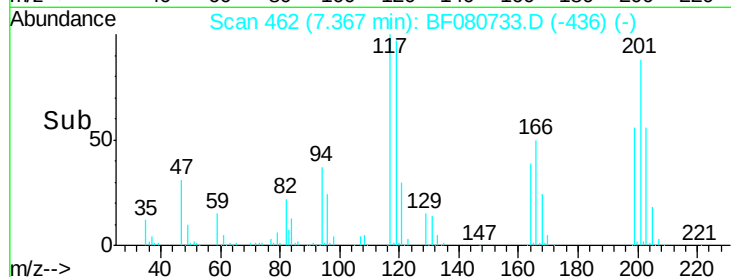
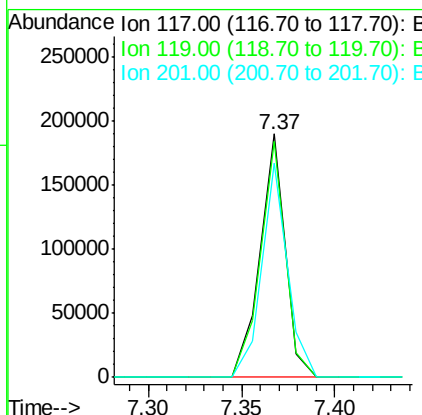
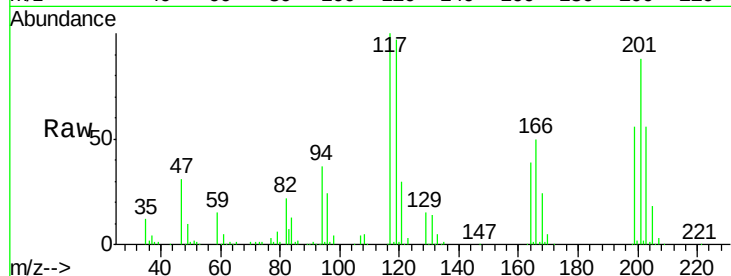
#18
 Hexachloroethane
 Concen: 40.98 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	176271		
119	96.7	74.9	112.3	
201	88.0	61.5	92.3	

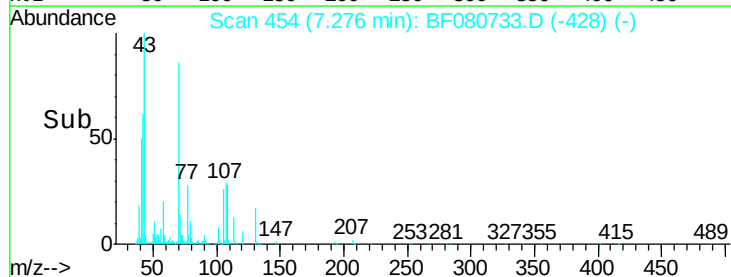
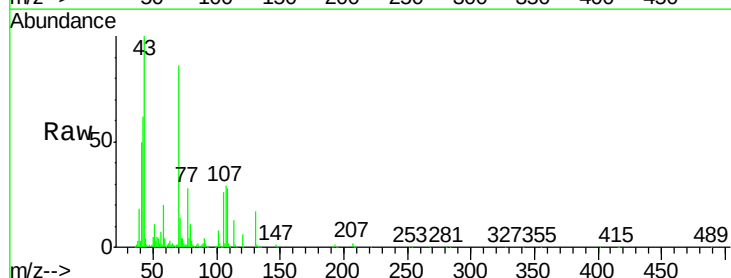
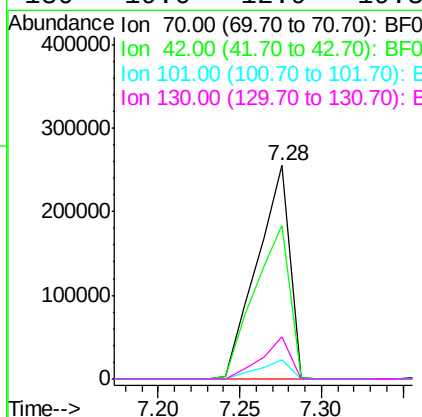
Manual Integrations
 APPROVED

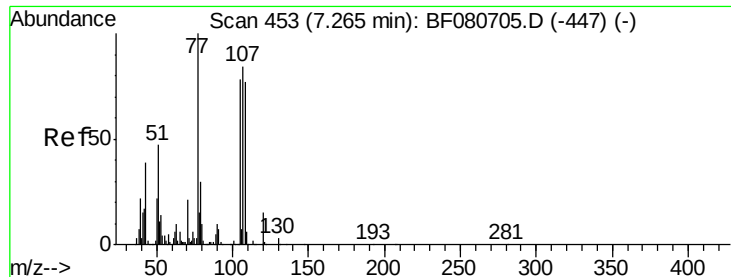
MMDadoda
 8/3/2015 11:55:23 AM



#19
 n-Nitroso-di-n-propylamine
 Concen: 42.72 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	354586		
42	71.7	61.8	92.6	
101	9.3	6.1	9.1#	
130	19.6	12.9	19.3#	





#20

3+4-Methylphenols

Concen: 45.22 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

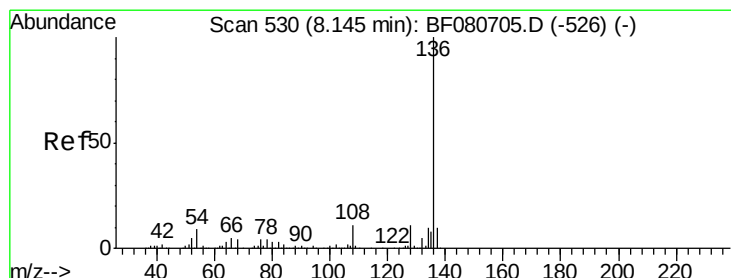
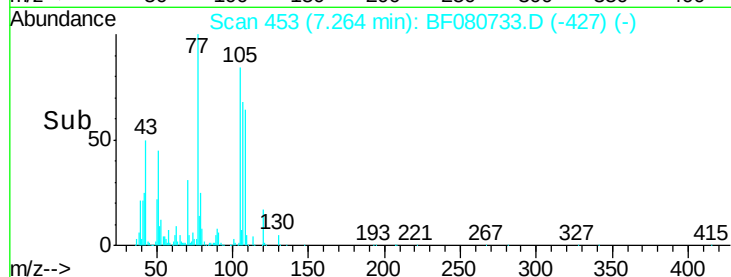
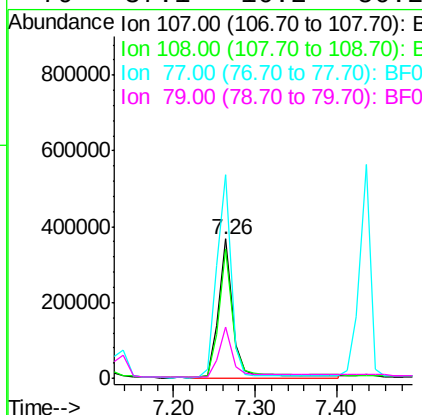
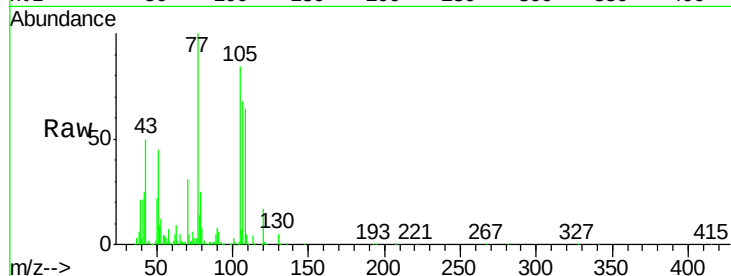
ClientSampleId :

PB84695BS

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	464698		
108	92.8	71.8	111.8		
77	146.1	99.8	139.8#		
79	37.1	16.2	56.2		



#21

Naphthalene-d8

Concen: 20.00 ng

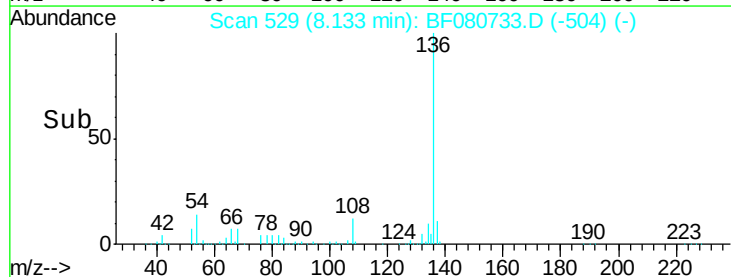
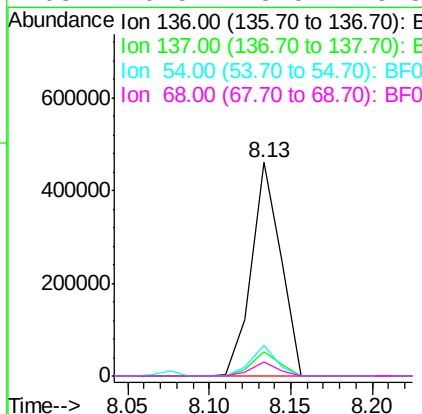
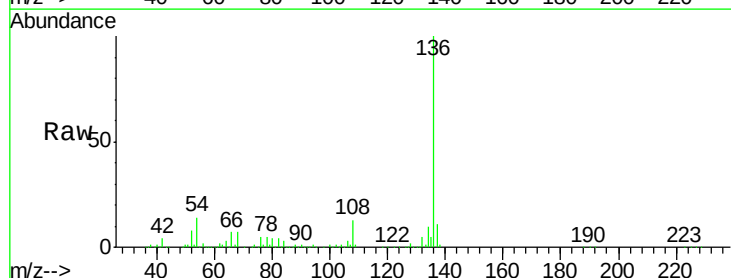
RT: 8.13 min Scan# 529

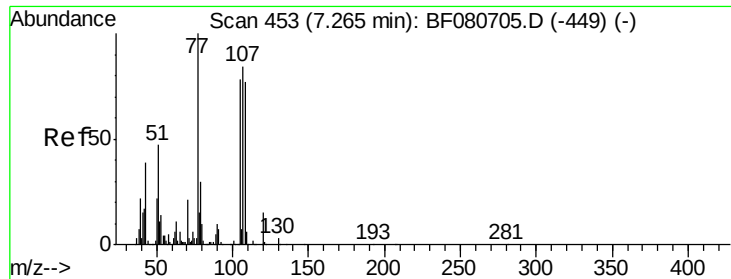
Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

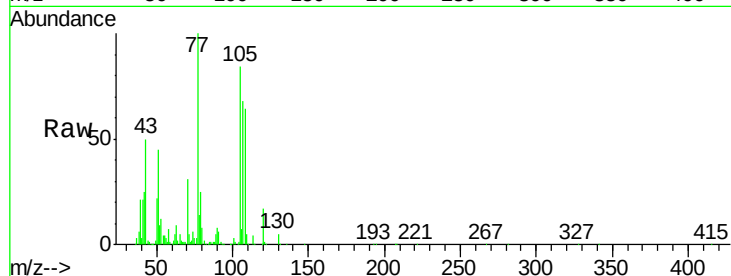
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	573424		
137	11.2	8.4	12.6		
54	14.5	6.9	10.3#		
68	6.5	3.5	5.3#		





#22
Acetophenone
Concen: 40.65 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

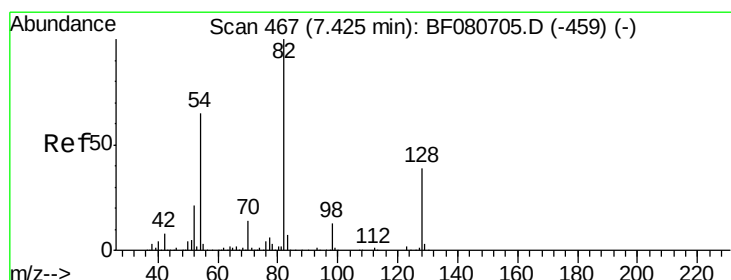
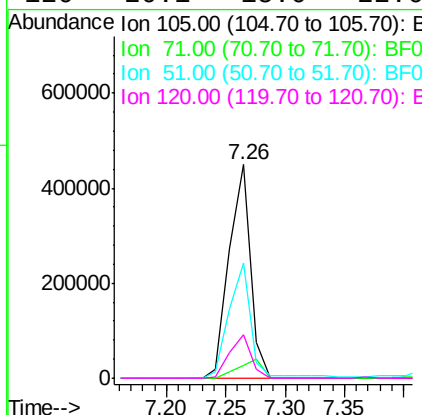
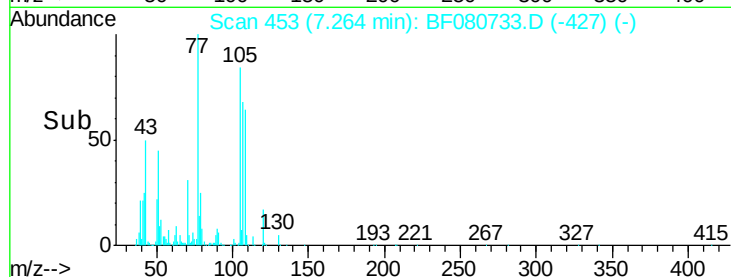
Instrument :
BNA_F
ClientSampleId :
PB84695BS



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562621		
71	6.1	3.4	5.0#	
51	53.7	47.9	71.9	
120	20.1	15.0	22.6	

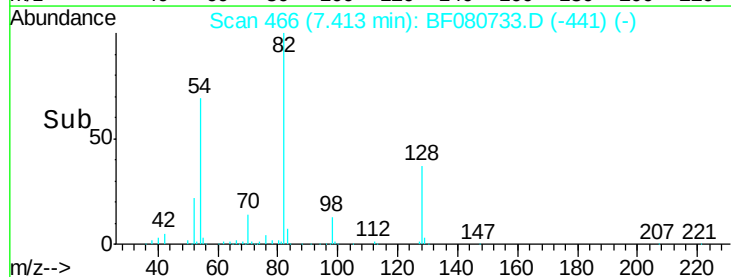
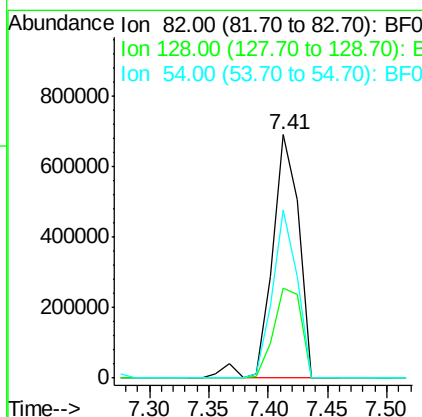
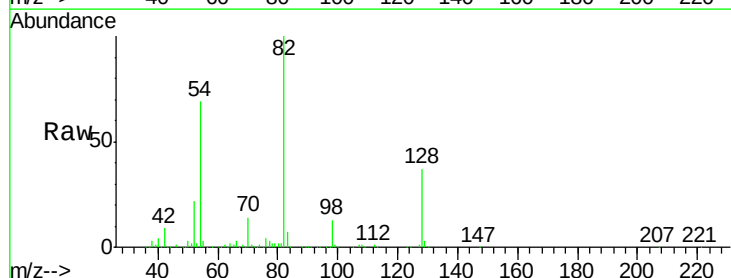
Manual Integrations
APPROVED

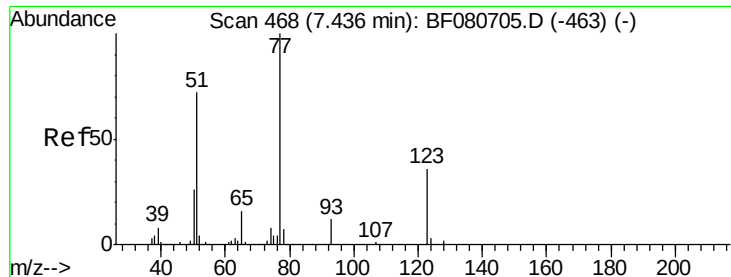
MMDadoda
8/3/2015 11:55:23 AM



#23
Nitrobenzene-d5
Concen: 90.02 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1066008		
128	36.9	31.5	47.3	
54	69.1	51.8	77.8	





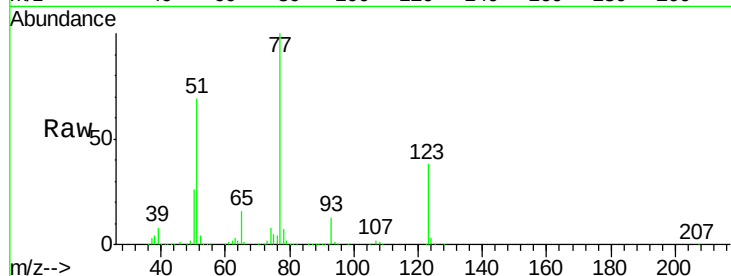
#24
 Nitrobenzene
 Concen: 44.70 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

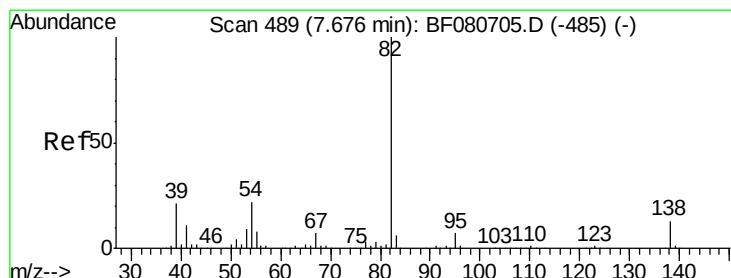
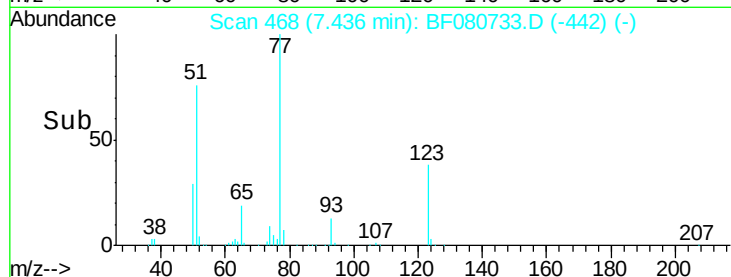
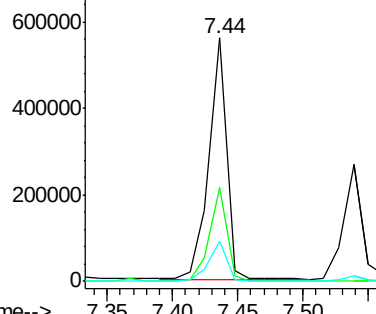
Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	28.9	43.3
65	16.3	13.0	19.4

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:23 AM

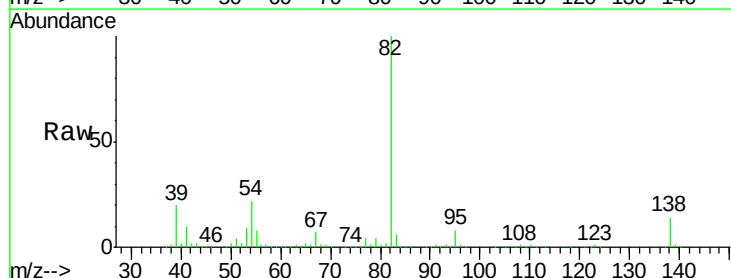


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

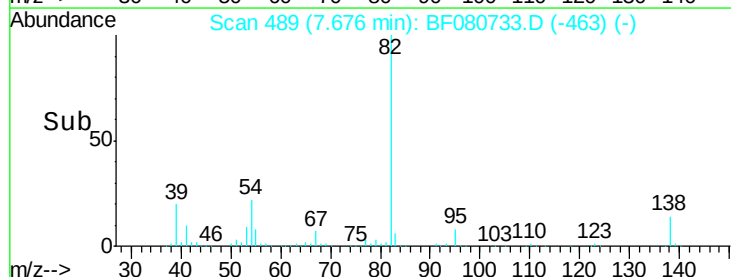
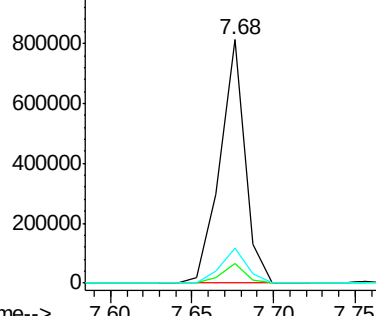


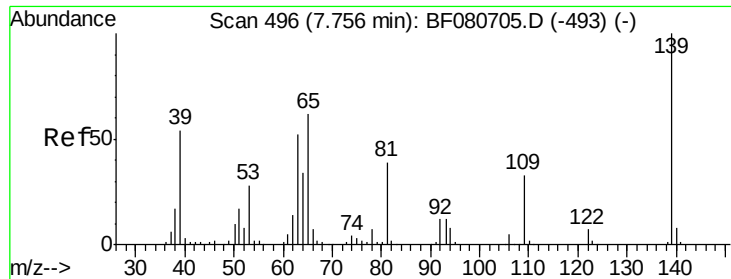
#25
 Isophorone
 Concen: 41.14 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	5.8	8.6
138	14.4	10.7	16.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





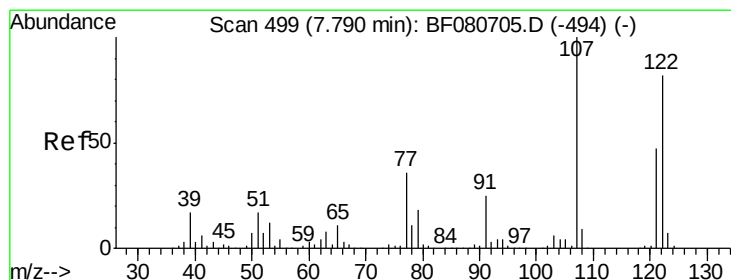
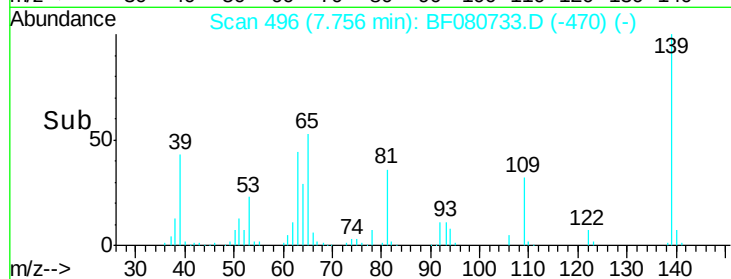
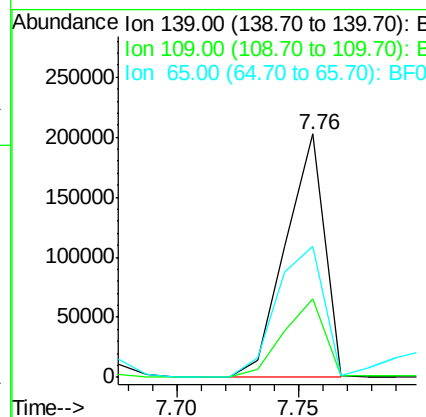
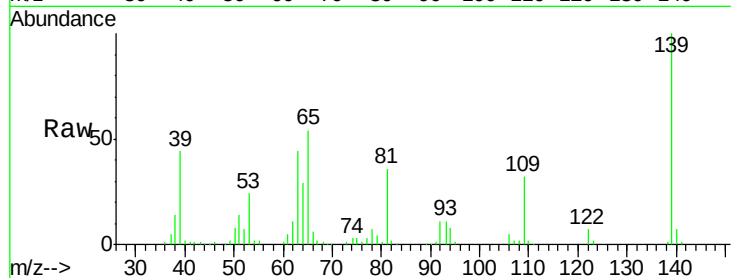
#26
2-Nitrophenol
Concen: 46.73 ng m
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	26.5	39.7
65	53.5	49.8	74.8

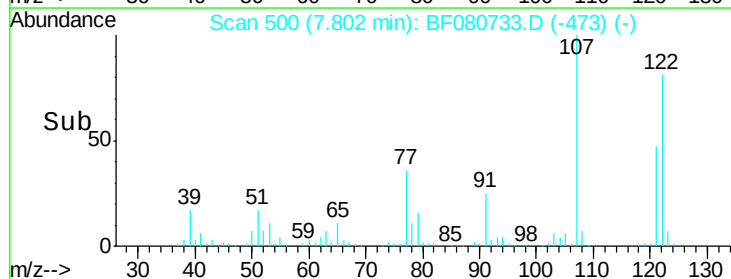
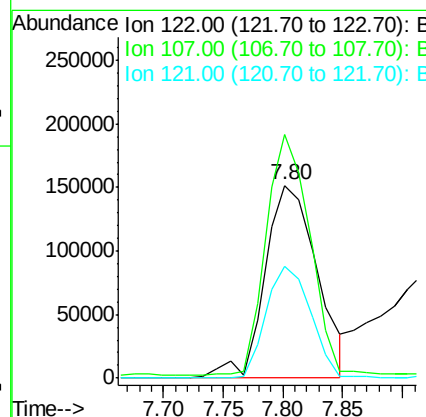
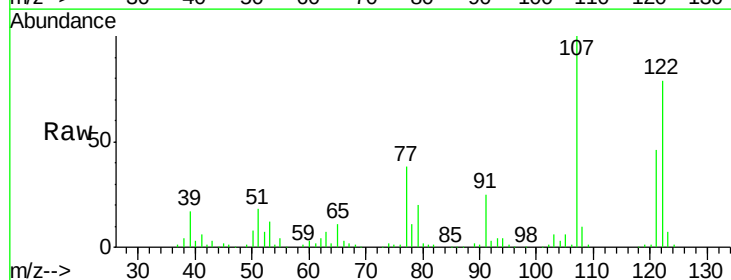
Manual Integrations
APPROVED

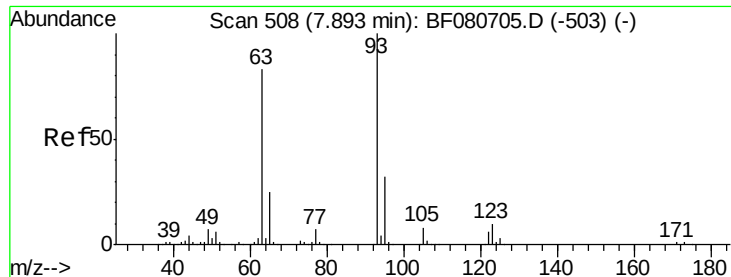
MMDadoda
8/3/2015 11:55:23 AM



#27
2,4-Dimethylphenol
Concen: 50.82 ng m
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.3	98.1	147.1
121	57.9	45.8	68.8





#28

bis(2-Chloroethoxy)methane

Concen: 45.31 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

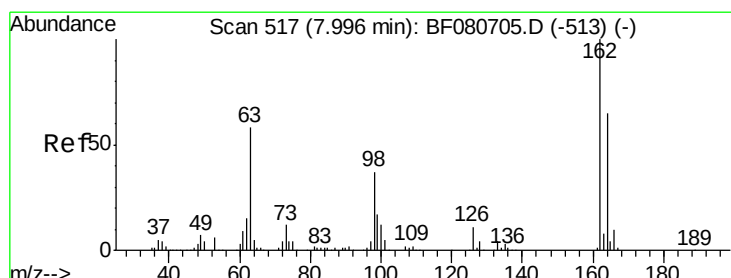
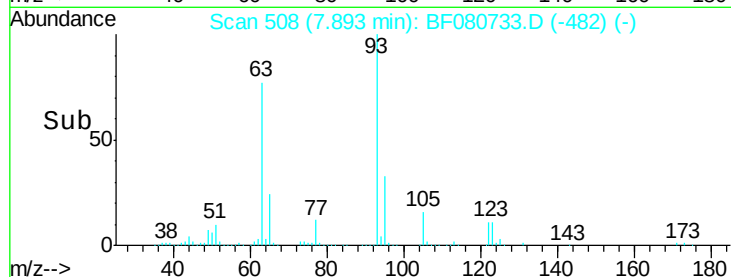
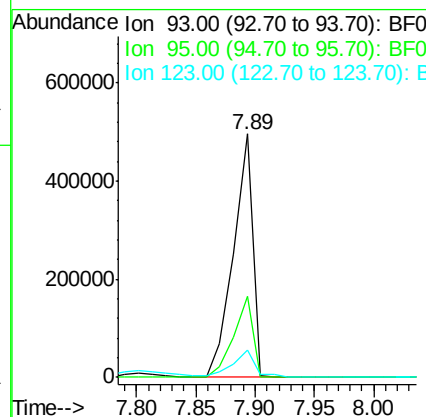
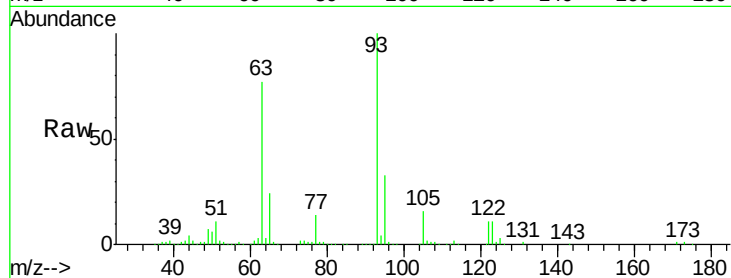
ClientSampleId :

PB84695BS

Tgt Ion:	93	Resp:	565323
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	11.2	8.2	12.4

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#29

2,4-Dichlorophenol

Concen: 43.77 ng

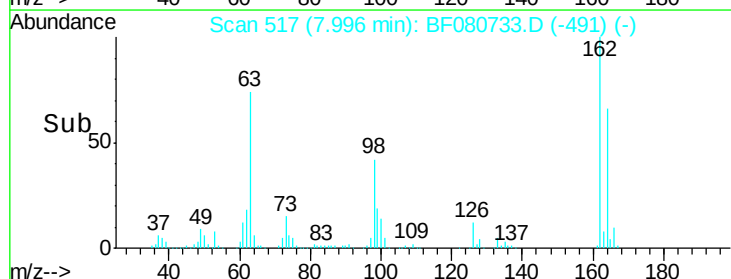
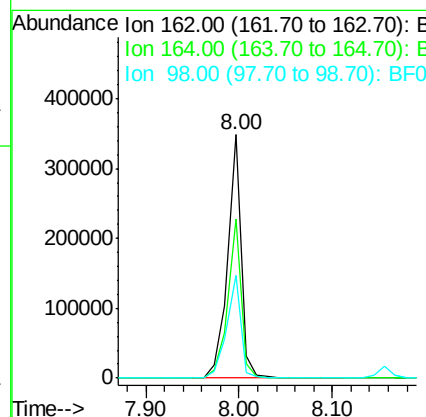
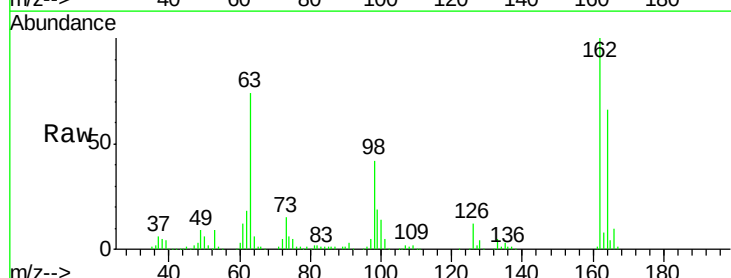
RT: 8.00 min Scan# 517

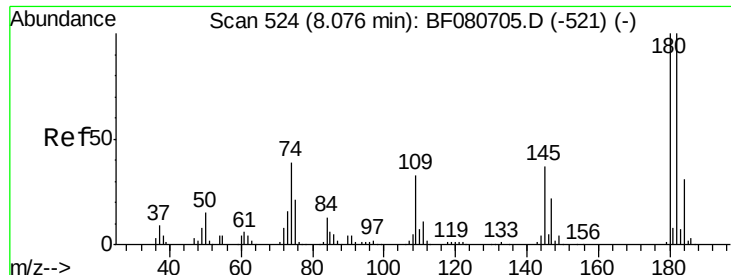
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:	162	Resp:	351988
Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.1	85.1
98	42.1	17.0	57.0





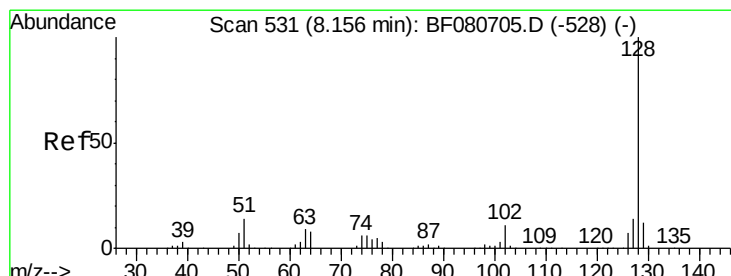
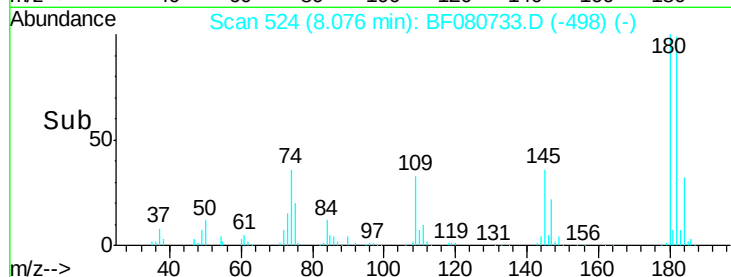
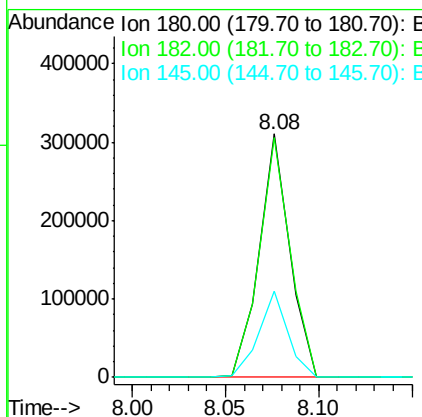
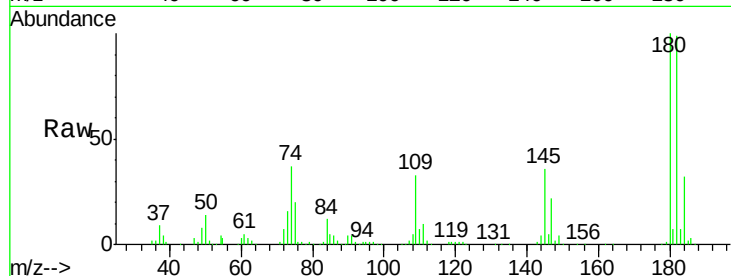
#30
 1,2,4-Trichlorobenzene
 Concen: 40.11 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	351716		
182	98.6	79.8	119.8	
145	35.6	29.8	44.6	

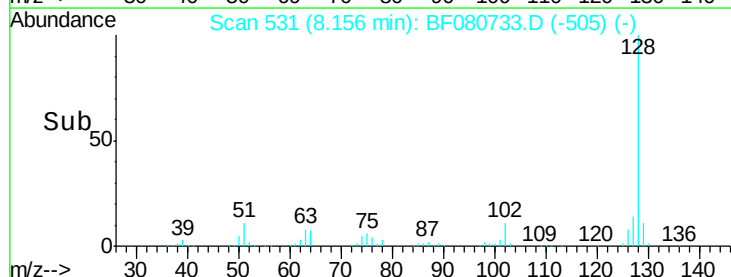
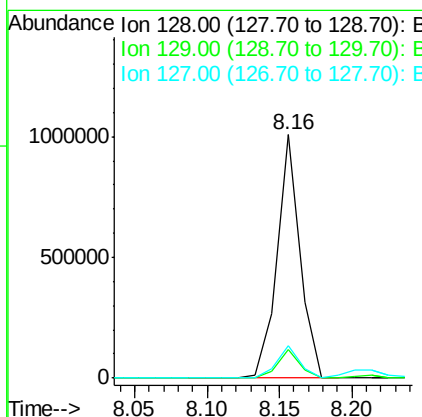
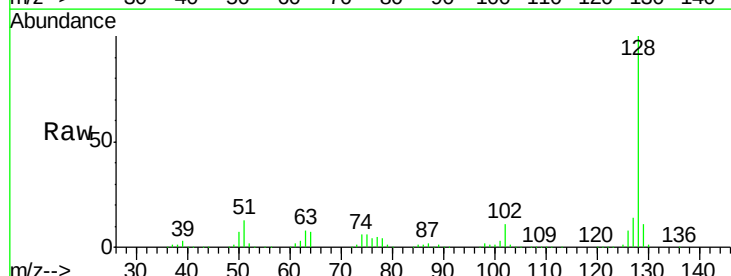
Manual Integrations
 APPROVED

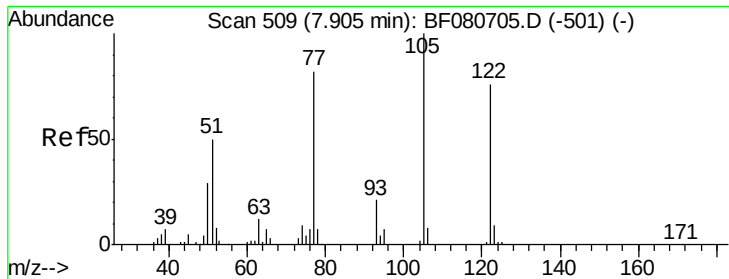
MMDadoda
 8/3/2015 11:55:23 AM



#31
 Naphthalene
 Concen: 38.46 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1100718		
129	11.5	9.5	14.3	
127	13.5	11.0	16.6	





#32

Benzoic acid

Concen: 38.06 ng m

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF080733.D

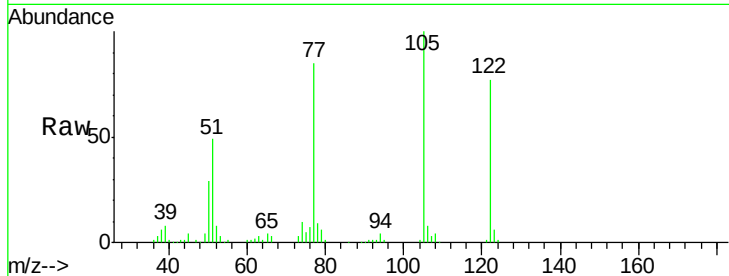
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

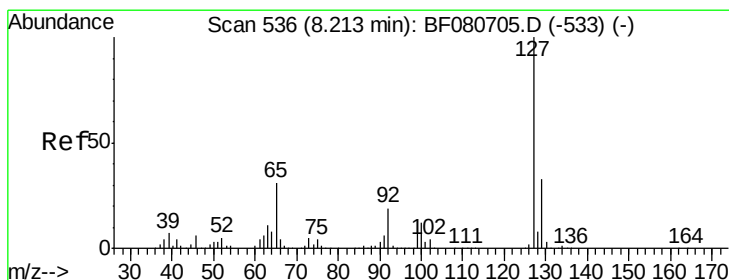
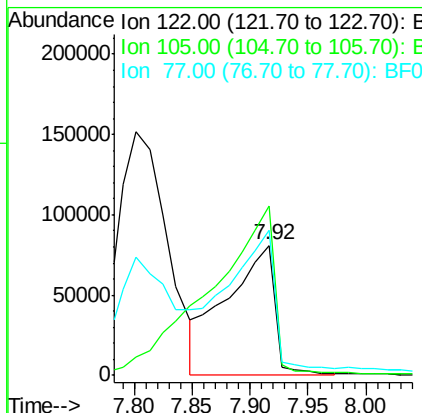
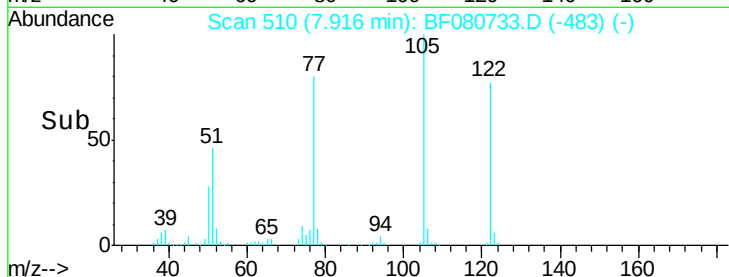
PB84695BS



Tgt Ion:	122	Resp:	241028
Ion Ratio	Lower	Upper	
122	100		
105	130.3	111.3	151.3
77	111.2	88.1	128.1

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#33

4-Chloroaniline

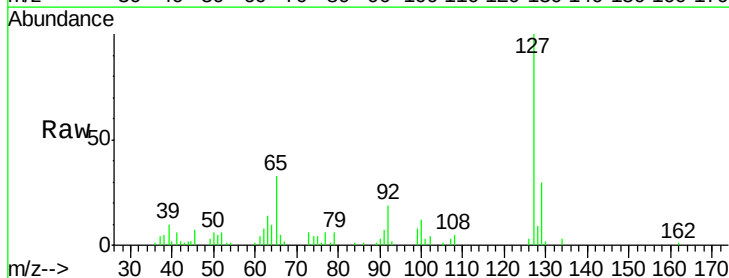
Concen: 6.27 ng

RT: 8.21 min Scan# 536

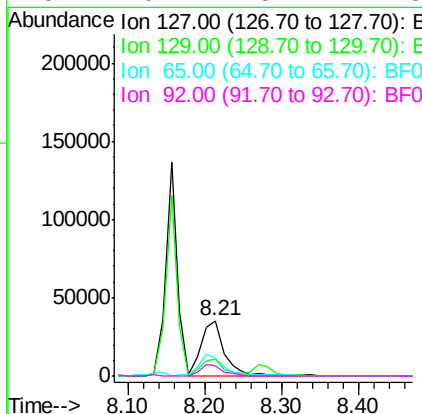
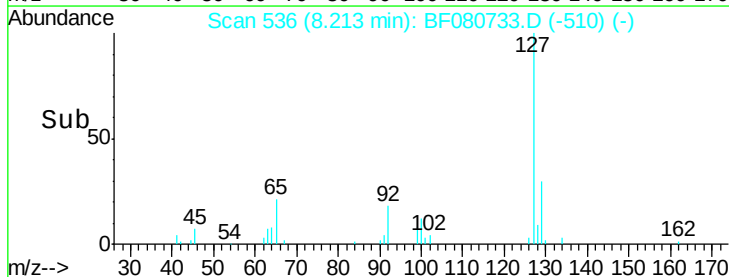
Delta R.T. -0.00 min

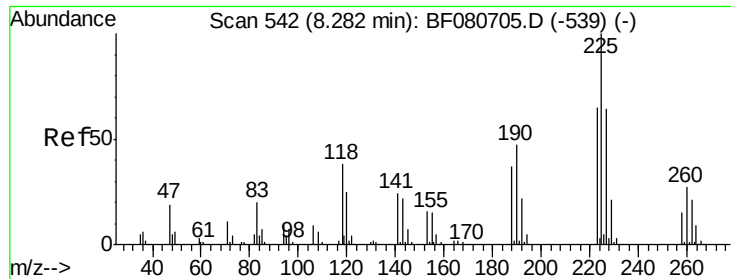
Lab File: BF080733.D

Acq: 31 Jul 2015 14:37



Tgt Ion:	127	Resp:	75785
Ion Ratio	Lower	Upper	
127	100		
129	30.3	26.7	40.1
65	32.8	24.5	36.7
92	19.1	15.2	22.8





#34

Hexachlorobutadiene

Concen: 42.29 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF080733.D

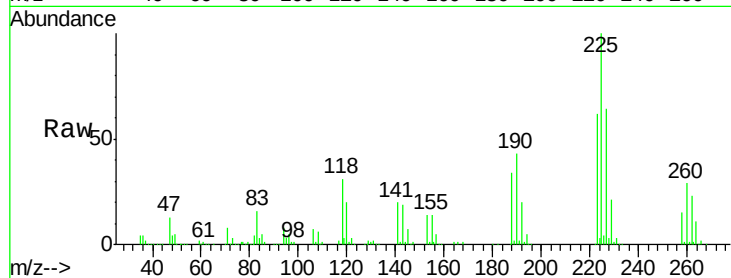
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

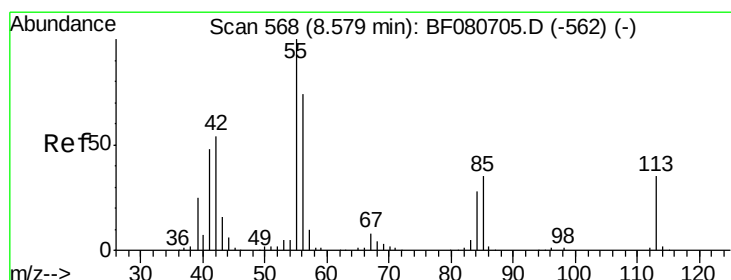
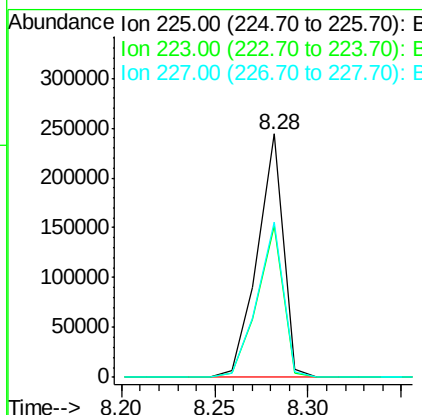
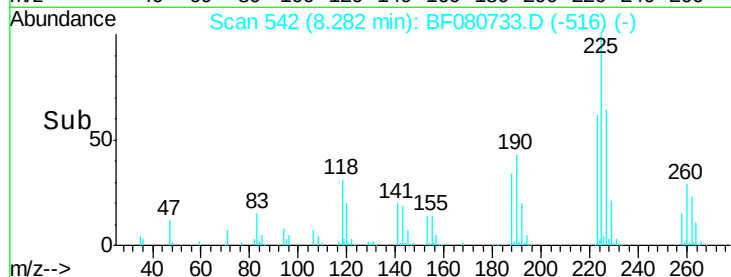
PB84695BS



Tgt Ion:	225	Resp:	239426
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.7	77.5
227	63.8	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#35

Caprolactam

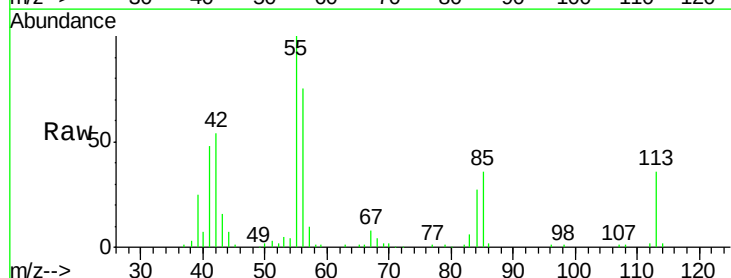
Concen: 42.79 ng m

RT: 8.57 min Scan# 567

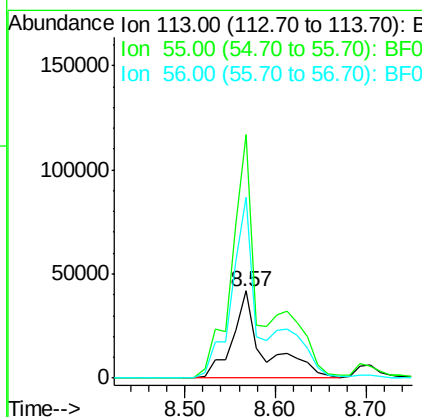
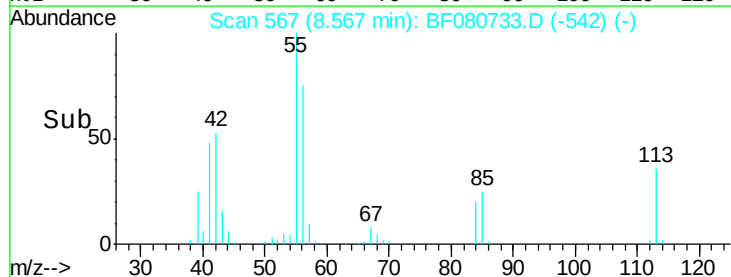
Delta R.T. -0.01 min

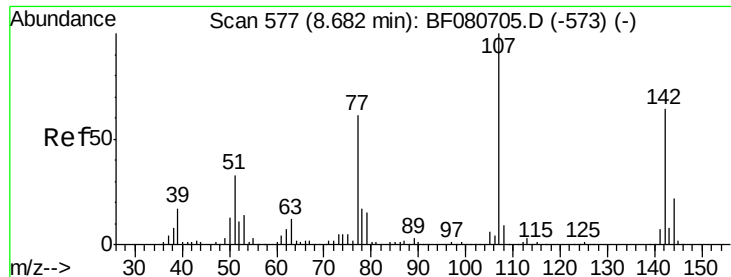
Lab File: BF080733.D

Acq: 31 Jul 2015 14:37



Tgt Ion:	113	Resp:	103035
Ion Ratio	Lower	Upper	
113	100		
55	278.6	269.3	309.3
56	207.7	193.3	233.3





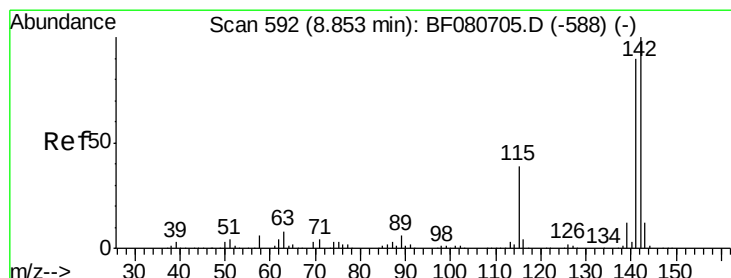
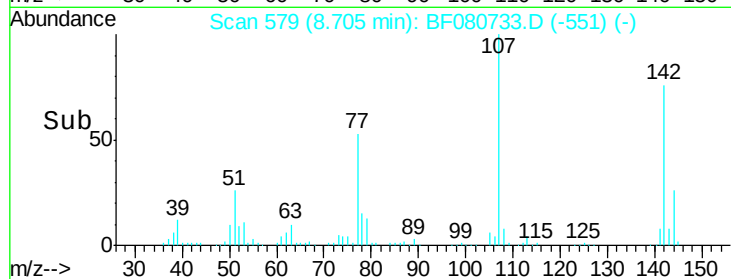
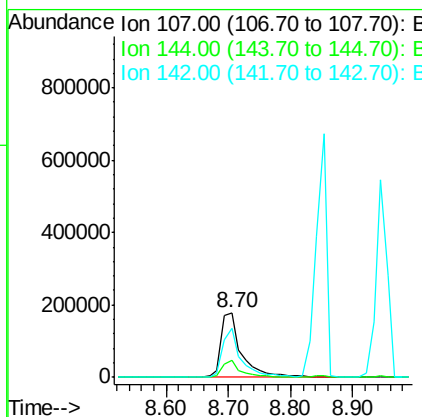
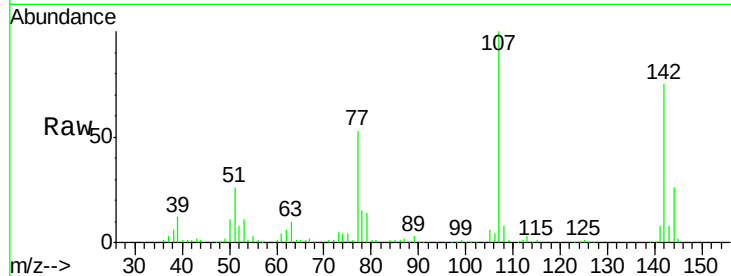
#36
 4-Chloro-3-methylphenol
 Concen: 46.59 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion:107 Resp: 403923
 Ion Ratio Lower Upper
 107 100
 144 25.8 17.2 25.8#
 142 75.2 51.2 76.8

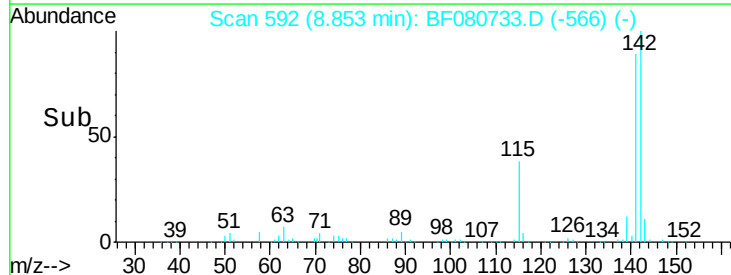
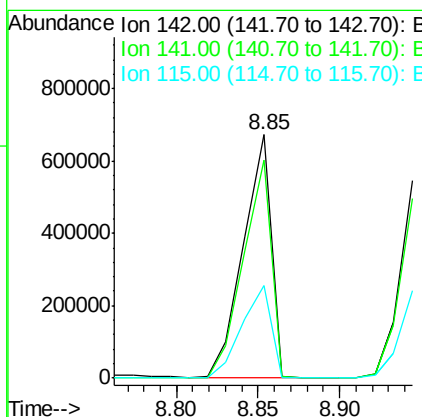
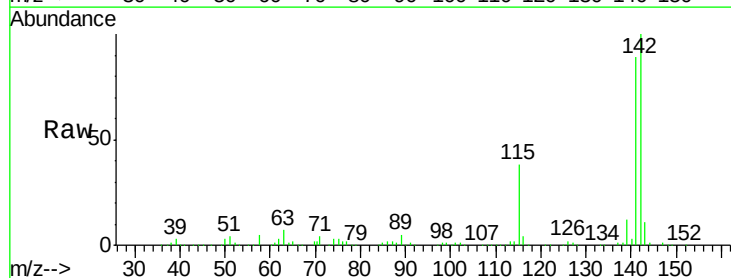
Manual Integrations
 APPROVED

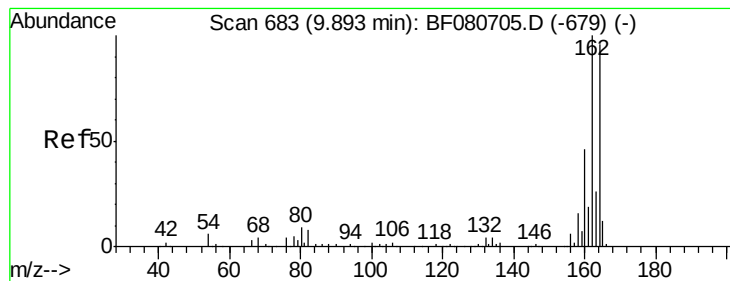
MMDadoda
 8/3/2015 11:55:23 AM



#37
 2-Methylnaphthalene
 Concen: 44.71 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion:142 Resp: 803314
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.9 107.9
 115 38.2 31.4 47.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080733.D

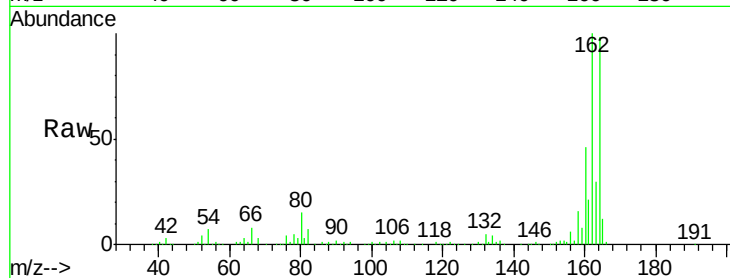
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS



Tgt Ion:164 Resp: 305393

Ion Ratio Lower Upper

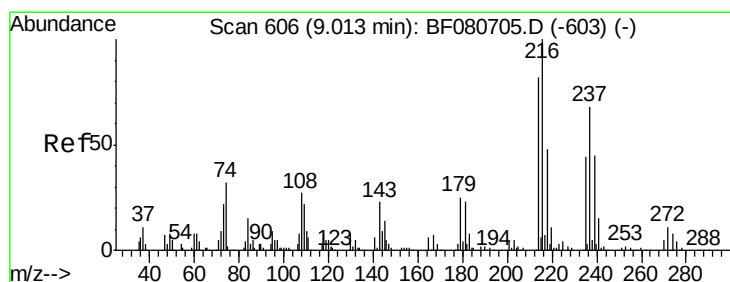
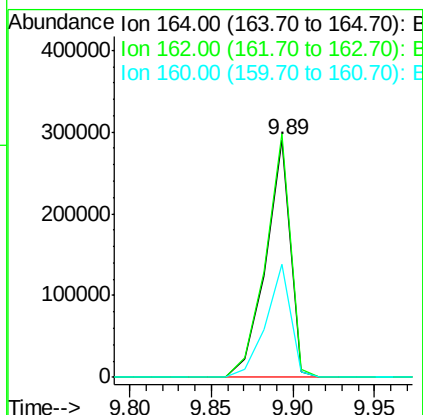
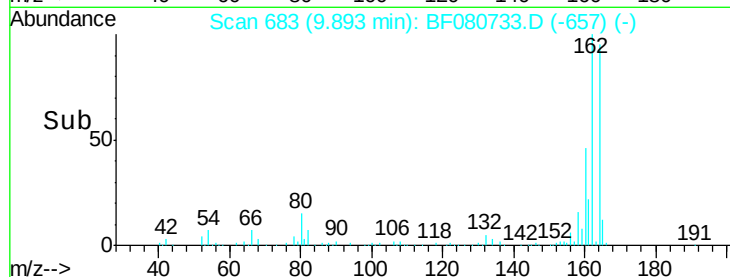
164 100

162 102.4 83.4 125.0

160 47.4 38.0 57.0

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.87 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:216 Resp: 324799

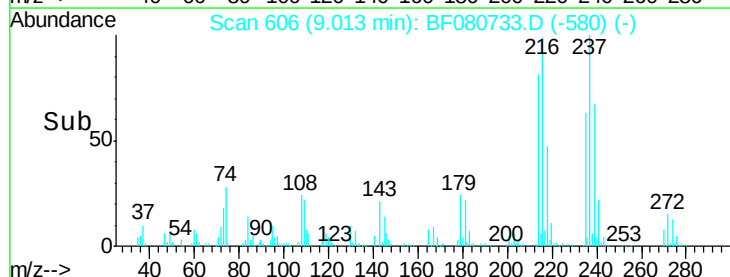
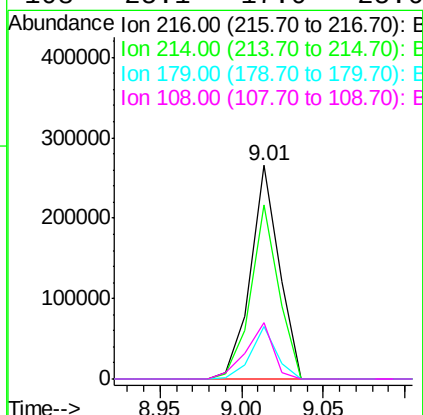
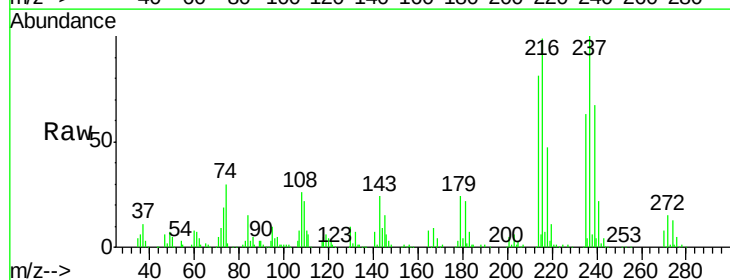
Ion Ratio Lower Upper

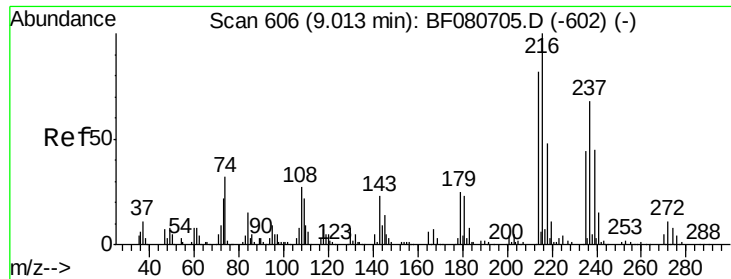
216 100

214 79.3 63.1 94.7

179 22.3 16.9 25.3

108 25.1 17.0 25.6





#40

Hexachlorocyclopentadiene

Concen: 79.53 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

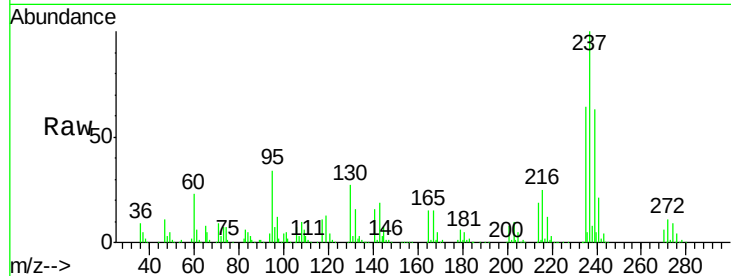
ClientSampleId :

PB84695BS

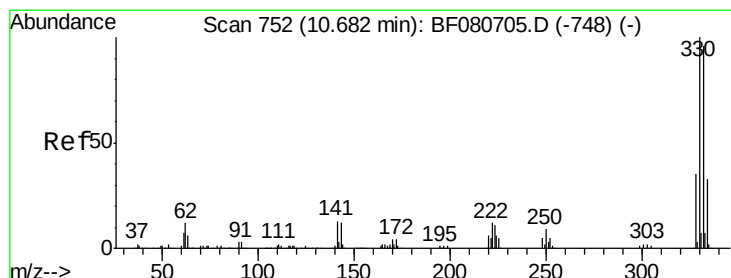
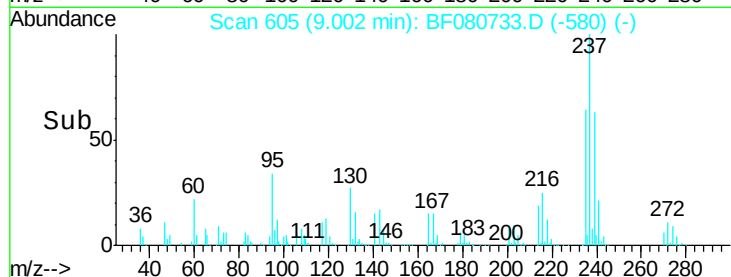
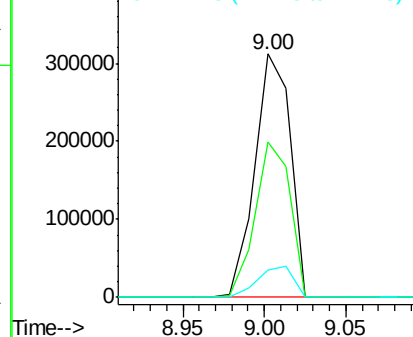
Tgt Ion:	237	Resp:	469242
Ion Ratio	Lower	Upper	
237	100		
235	63.8	44.3	84.3
272	11.2	0.0	35.5

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 140.14 ng

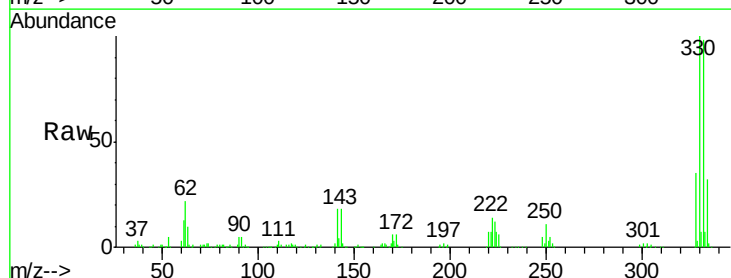
RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

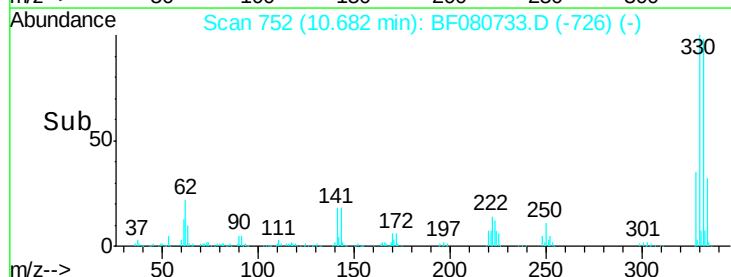
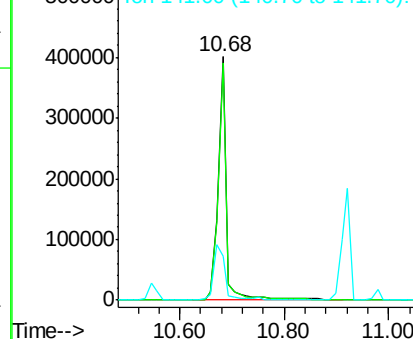
Lab File: BF080733.D

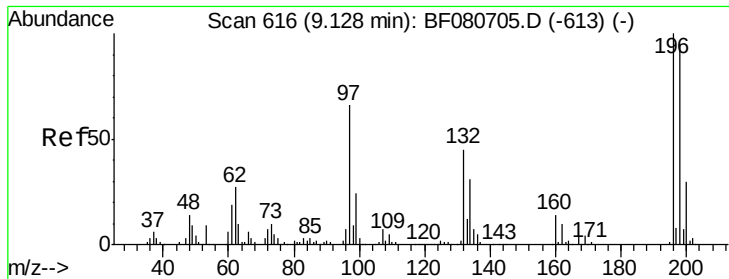
Acq: 31 Jul 2015 14:37

Tgt Ion:	330	Resp:	444106
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.6	114.8
141	29.9	26.0	39.0



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





#42

2,4,6-Trichlorophenol

Concen: 35.46 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF080733.D

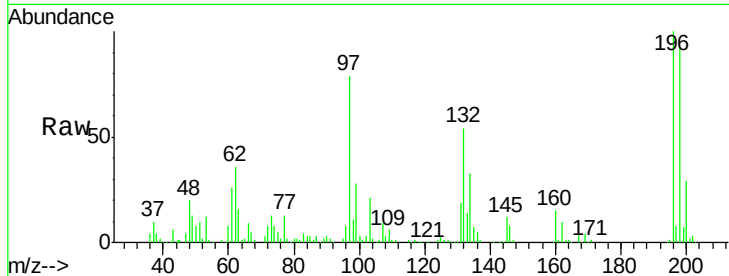
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

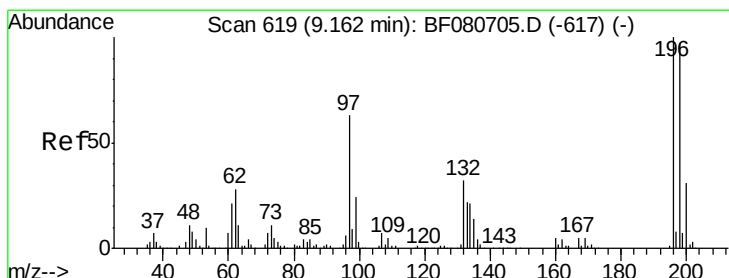
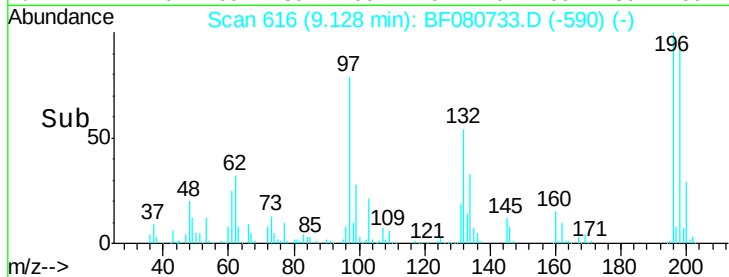
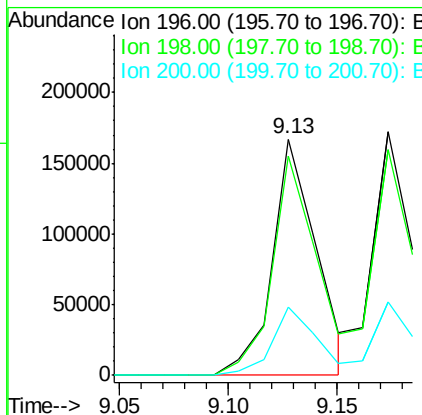
PB84695BS



Tgt Ion:	196	Resp:	236558
Ion Ratio	Lower	Upper	
196	100		
198	92.7	75.8	113.8
200	29.0	24.2	36.2

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#43

2,4,5-Trichlorophenol

Concen: 42.97 ng

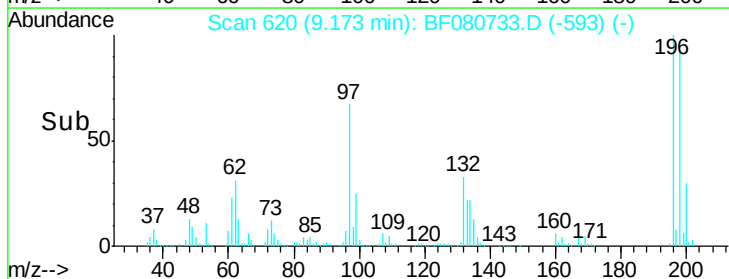
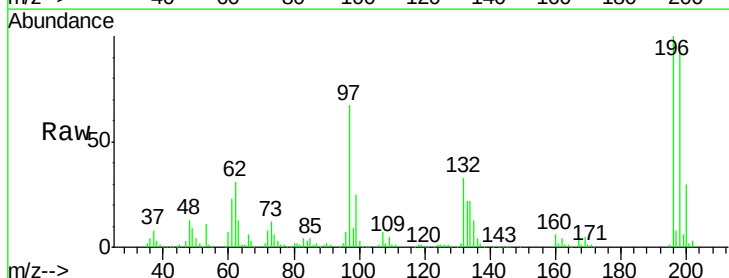
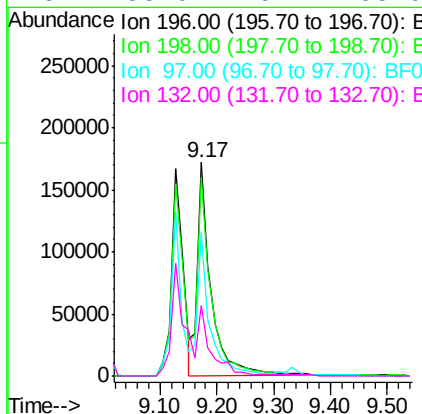
RT: 9.17 min Scan# 620

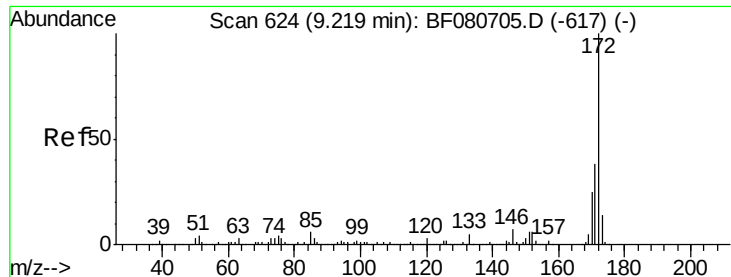
Delta R.T. 0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:	196	Resp:	284372
Ion Ratio	Lower	Upper	
196	100		
198	92.8	77.8	116.8
97	67.4	49.0	73.4
132	33.0	25.4	38.0





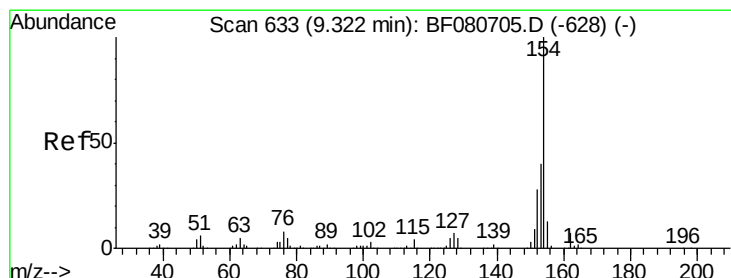
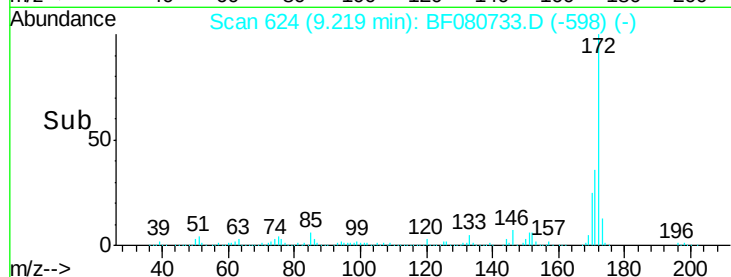
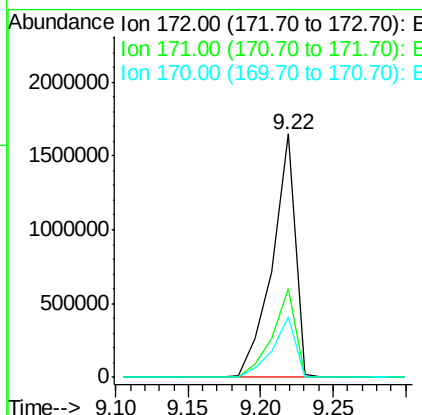
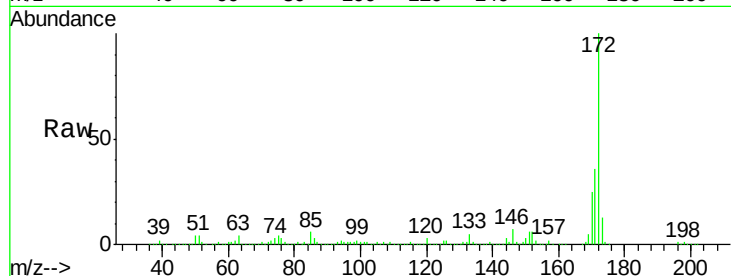
#44
2-Fluorobiphenyl
Concen: 89.05 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.2	45.4
170	24.9	20.2	30.2

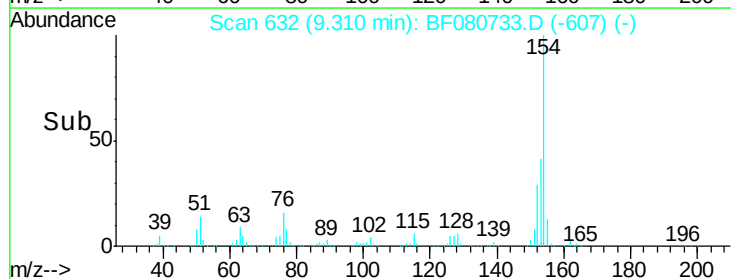
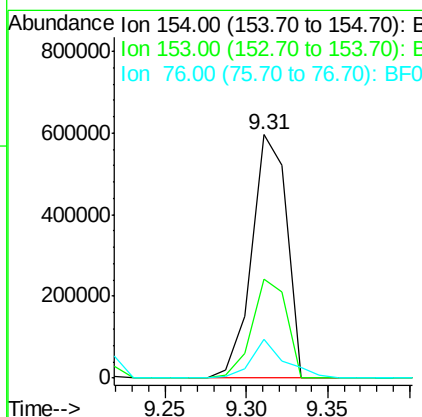
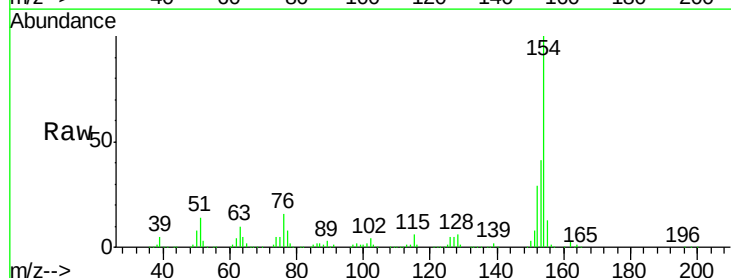
Manual Integrations
APPROVED

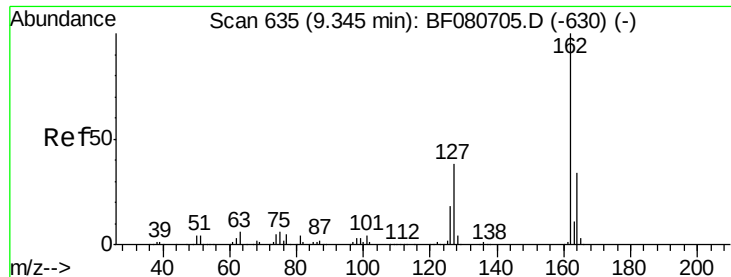
MMDadoda
8/3/2015 11:55:23 AM



#45
1,1'-Biphenyl
Concen: 37.79 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	15.9	0.0	28.3





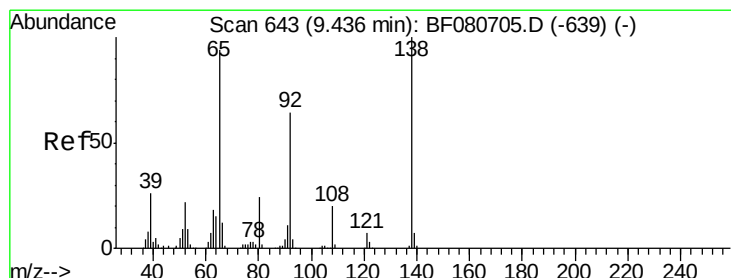
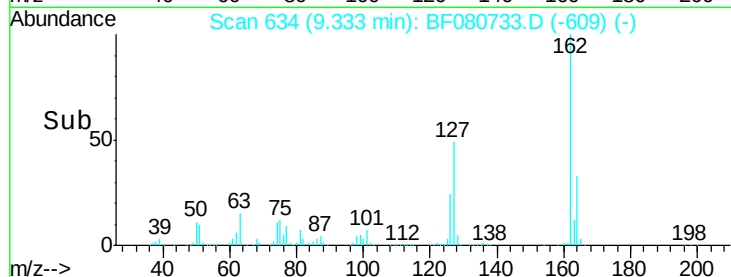
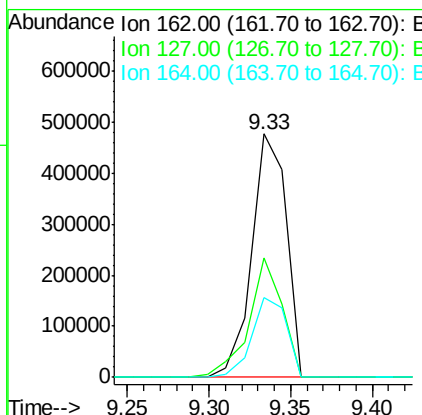
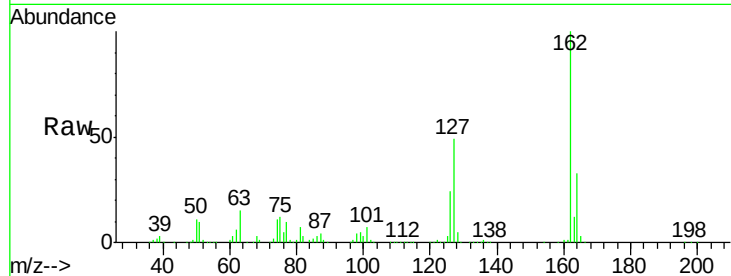
#46
 2-Chloronaphthalene
 Concen: 36.56 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	699223		
127	49.2	30.2	45.4#	
164	32.9	27.1	40.7	

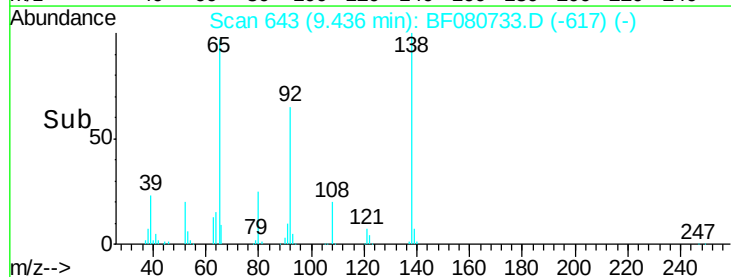
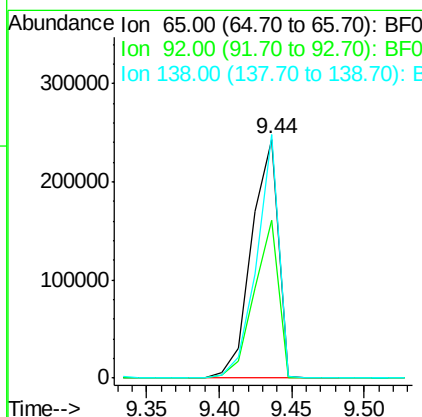
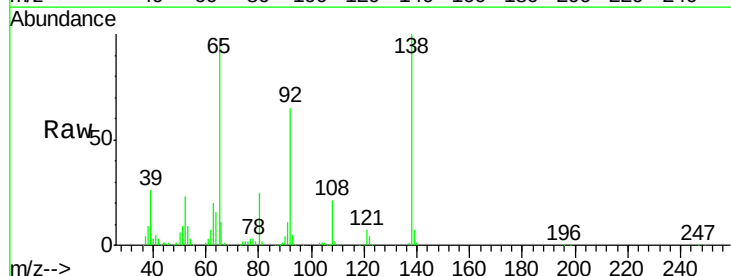
Manual Integrations
 APPROVED

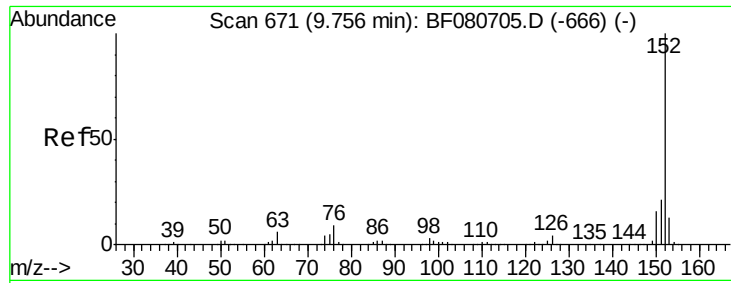
MMDadoda
 8/3/2015 11:55:23 AM



#47
 2-Nitroaniline
 Concen: 41.54 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	309090		
92	66.1	54.9	82.3	
138	101.9	85.1	127.7	





#48

Acenaphthylene

Concen: 39.76 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF080733.D

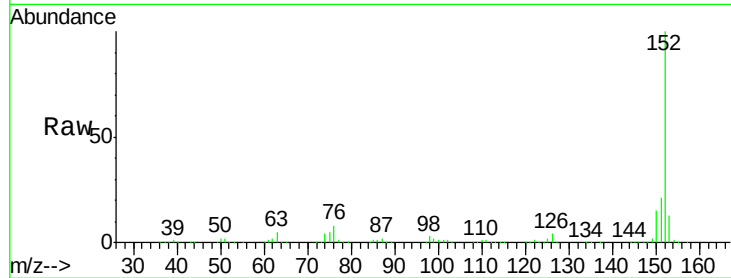
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

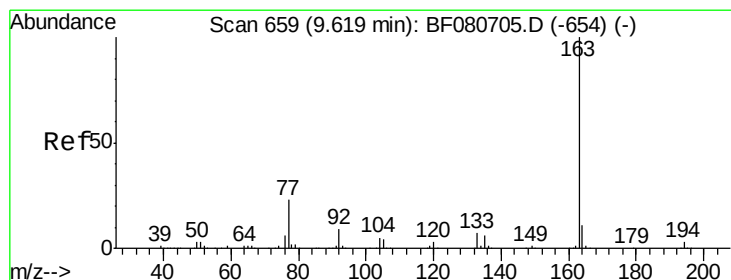
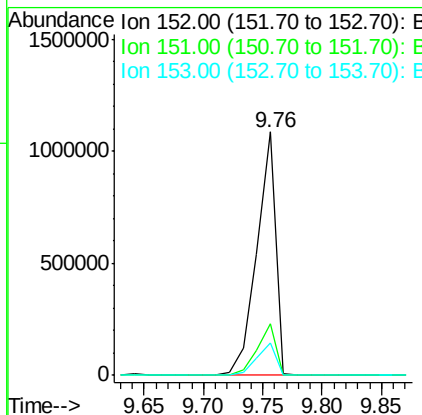
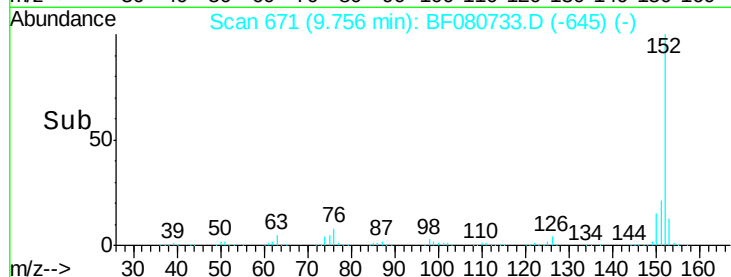
PB84695BS



Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6
153	13.1	10.8	16.2

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#49

Dimethylphthalate

Concen: 41.37 ng

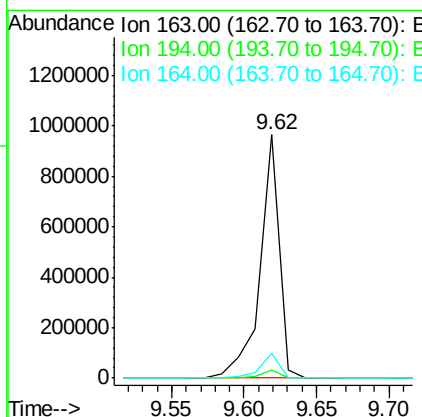
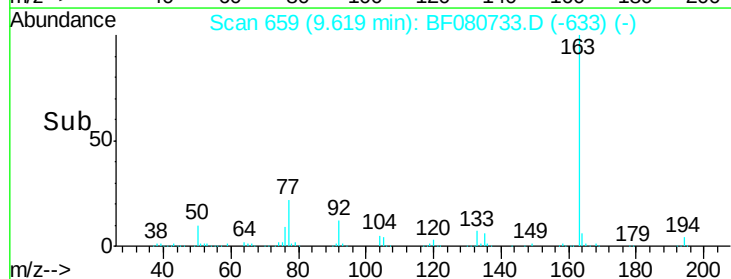
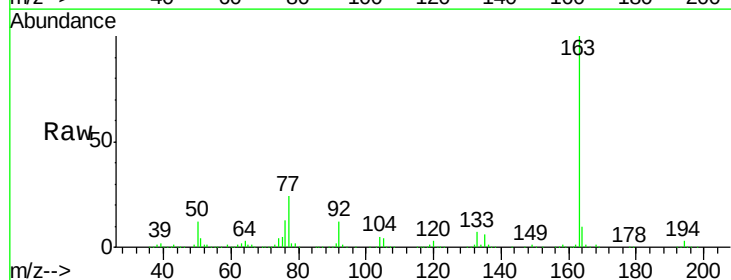
RT: 9.62 min Scan# 659

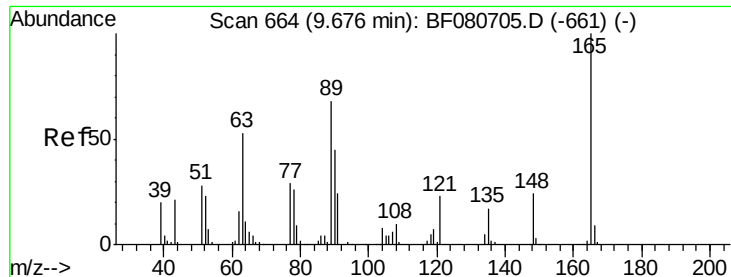
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.7	13.1





#50

2,6-Dinitrotoluene

Concen: 43.44 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

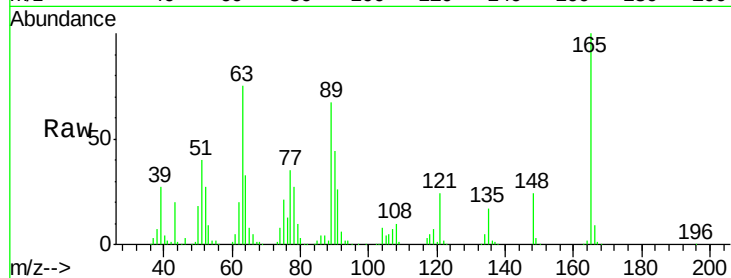
ClientSampleId :

PB84695BS

Tgt Ion:	165	Resp:	198426
Ion Ratio	Lower	Upper	
165	100		
63	74.8	62.3	93.5
89	66.8	54.8	82.2

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM

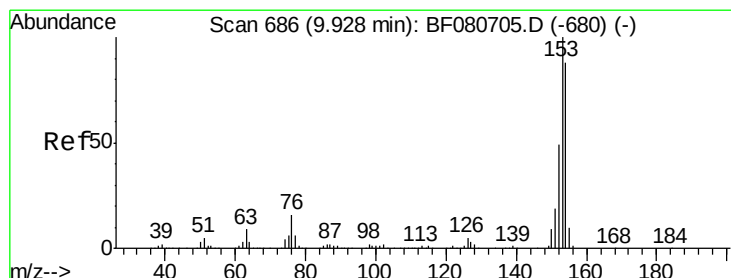
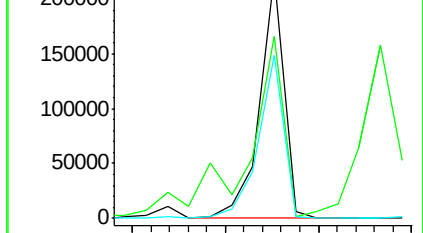
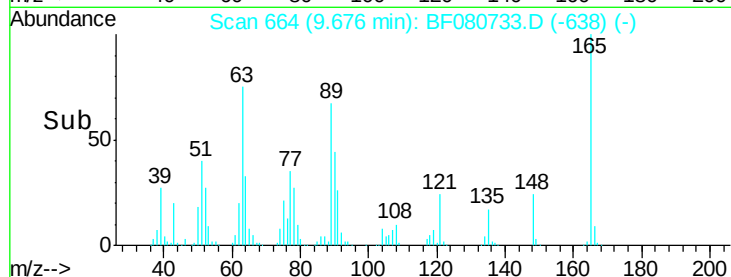


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



#51

Acenaphthene

Concen: 47.55 ng

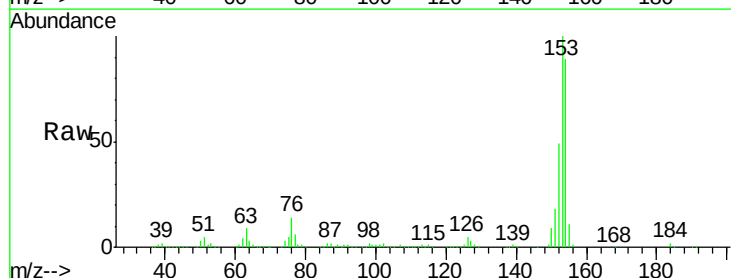
RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:	154	Resp:	882184
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.7	136.1
152	55.2	44.2	66.4

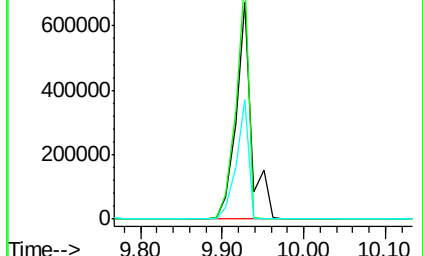
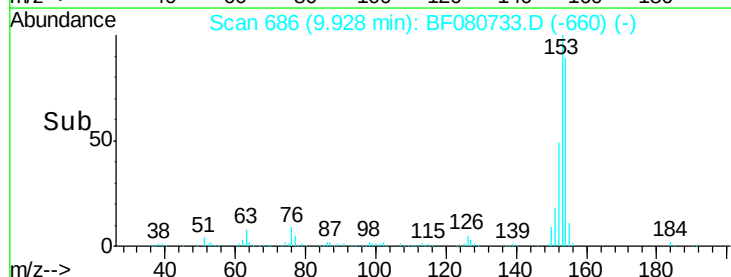


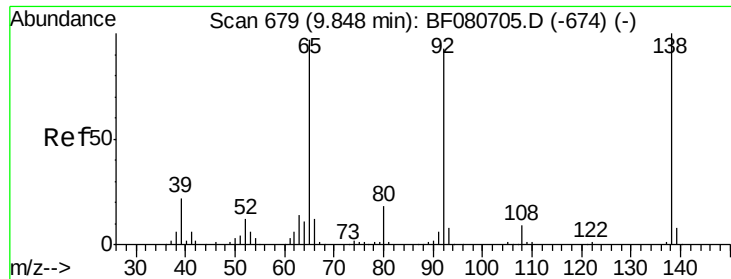
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





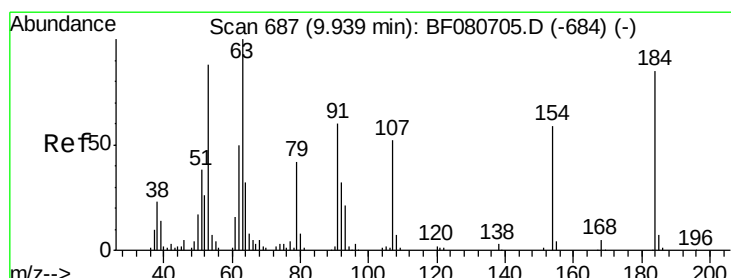
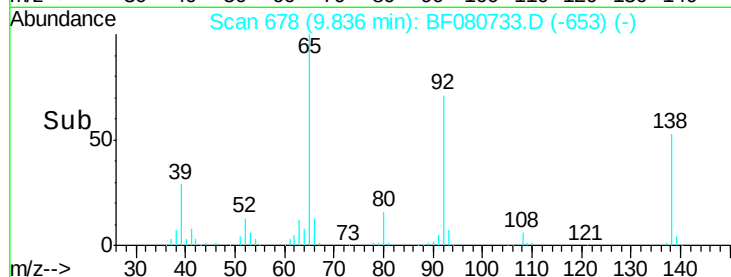
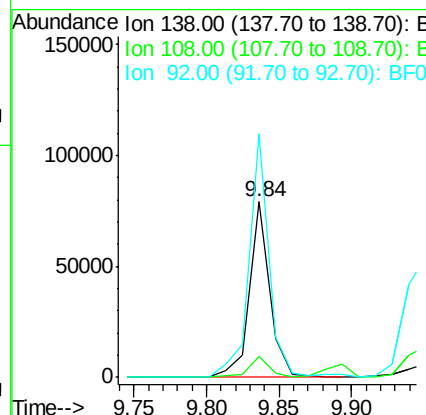
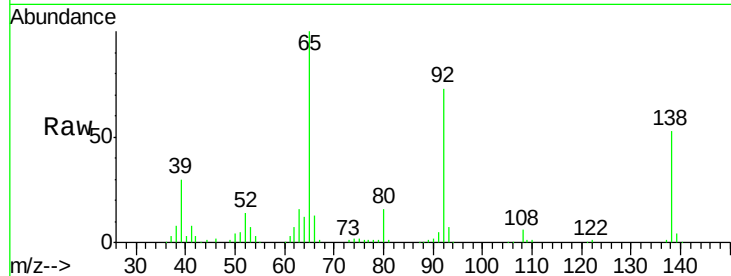
#52
 3-Nitroaniline
 Concen: 14.51 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	6.9	10.3#
92	139.0	74.1	111.1#

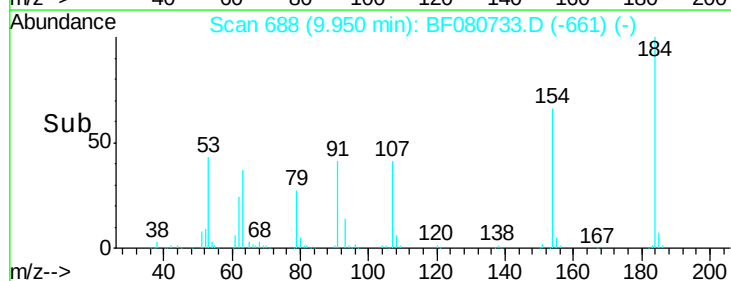
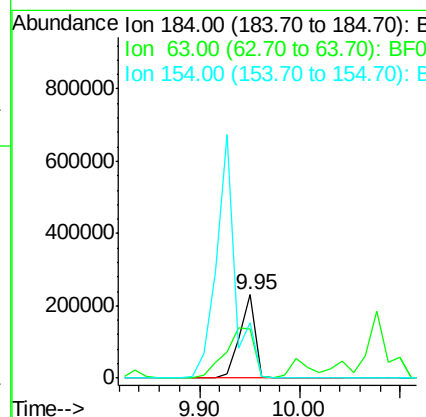
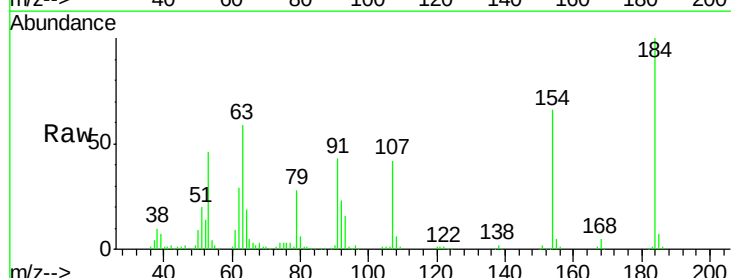
Manual Integrations
 APPROVED

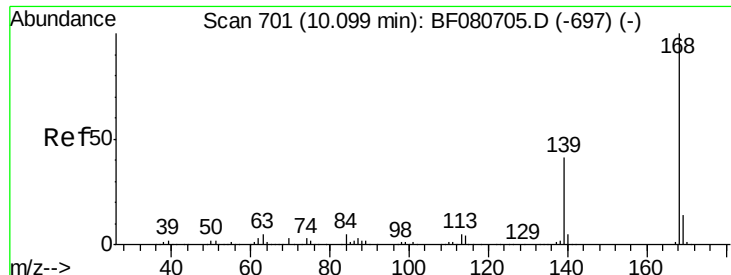
MMDadoda
 8/3/2015 11:55:23 AM



#53
 2,4-Dinitrophenol
 Concen: 101.39 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	96.0	144.0#
154	66.3	66.0	99.0





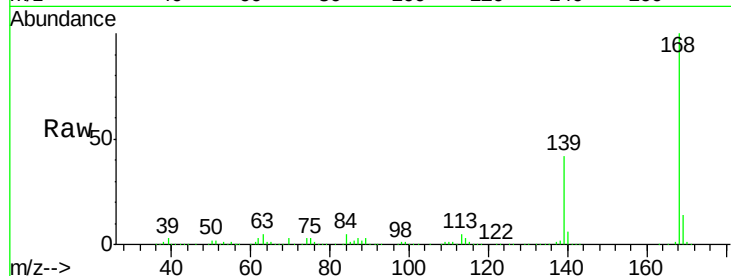
#54
Dibenzenofuran
Concen: 43.03 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

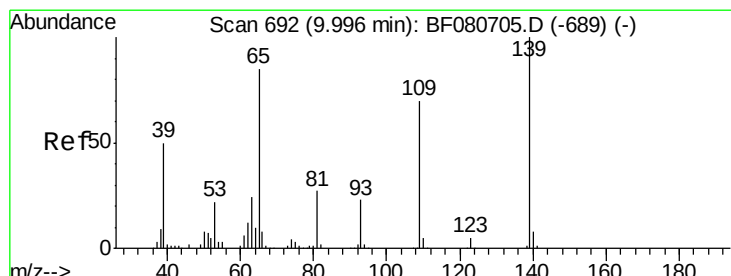
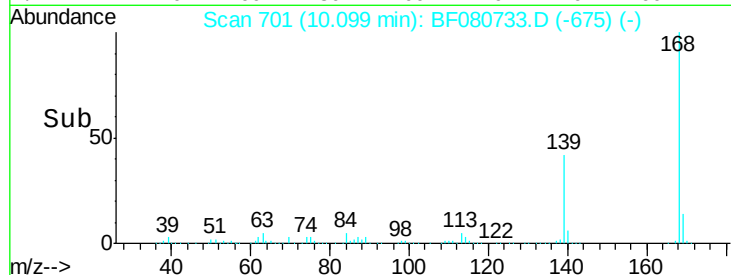
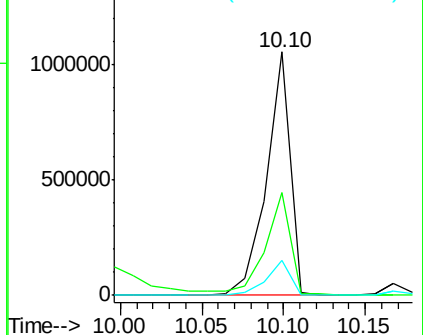
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.0	49.6
169	14.1	11.4	17.2

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



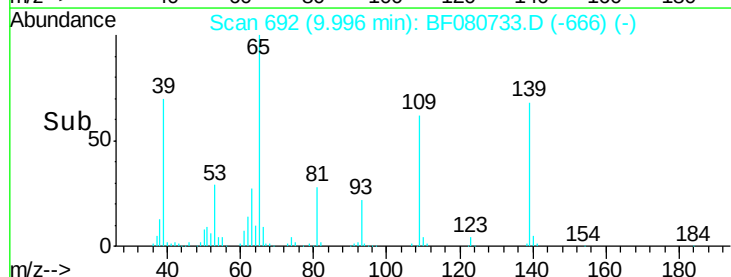
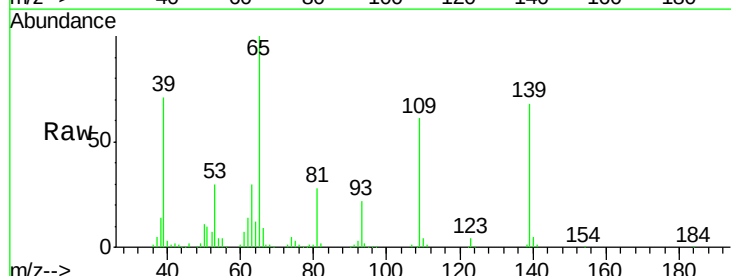
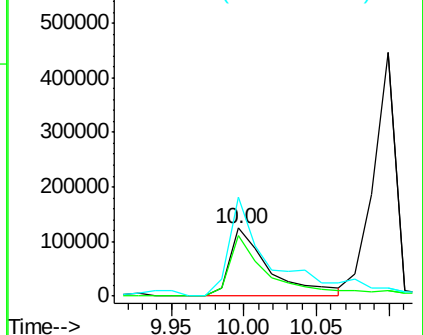
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

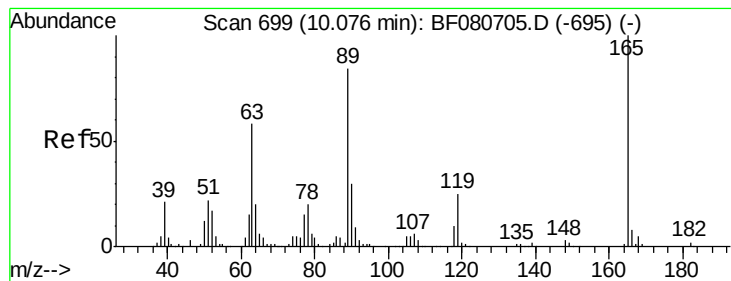


#55
4-Nitrophenol
Concen: 61.15 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.3	50.4	90.4
65	147.1	66.1	106.1#

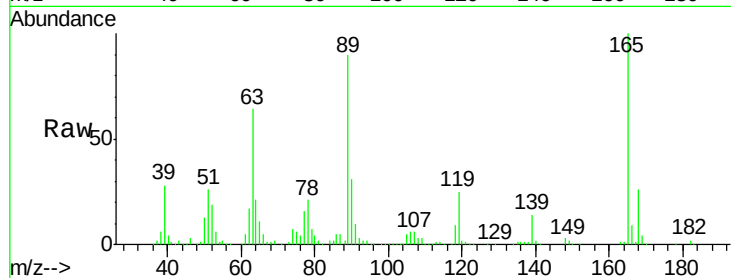
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#56
2,4-Dinitrotoluene
Concen: 42.77 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

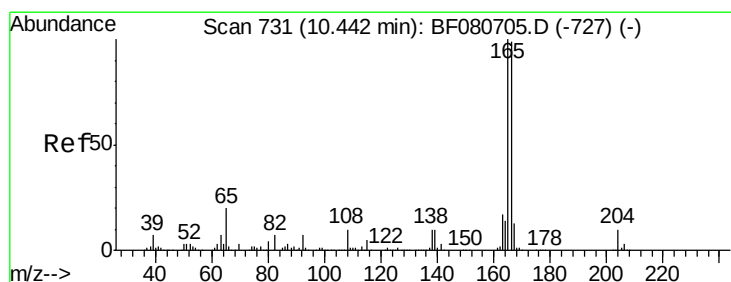
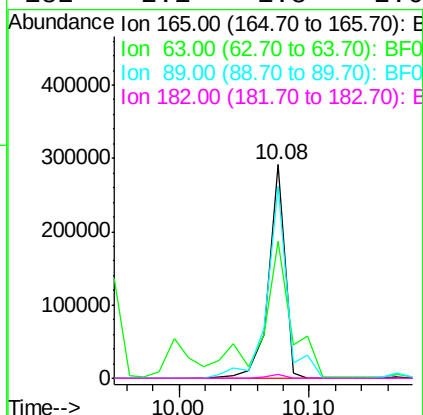
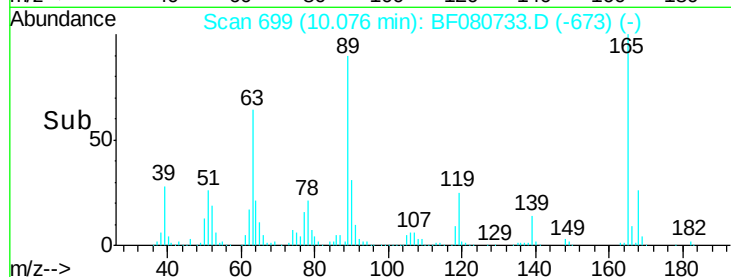
Instrument :
BNA_F
ClientSampleId :
PB84695BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	256174		
63	64.2	46.7	70.1	
89	89.7	67.4	101.2	
182	2.1	1.8	2.6	

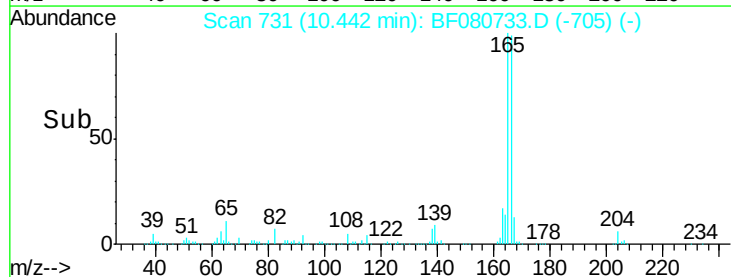
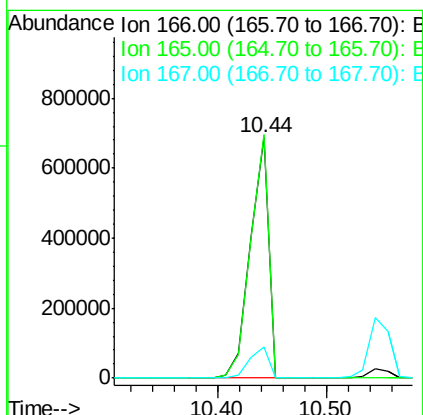
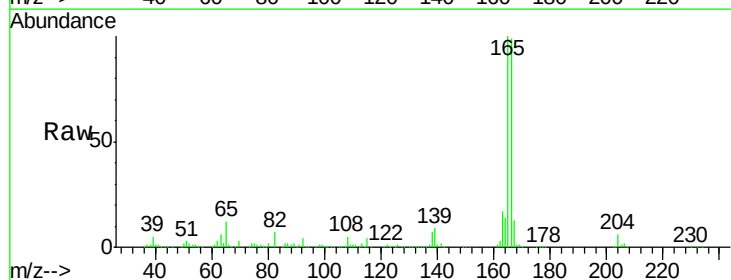
Manual Integrations
APPROVED

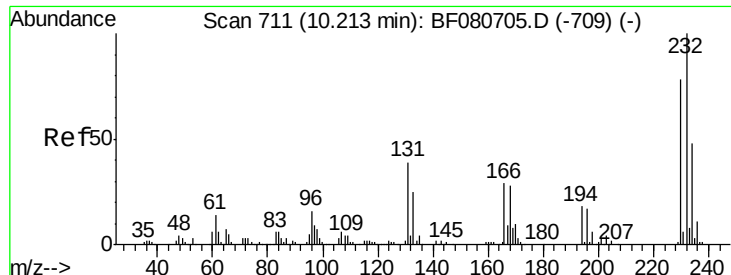
MMDadoda
8/3/2015 11:55:23 AM



#57
Fluorene
Concen: 42.07 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	810338		
165	101.2	81.0	121.4	
167	13.1	10.8	16.2	





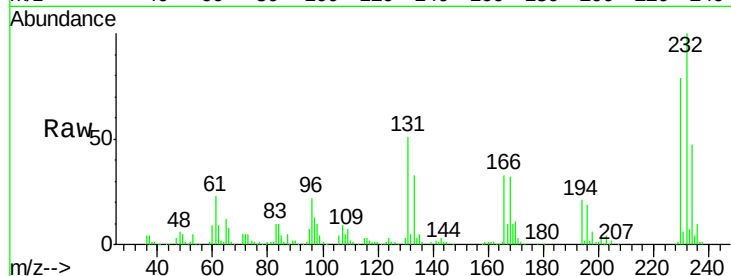
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.74 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

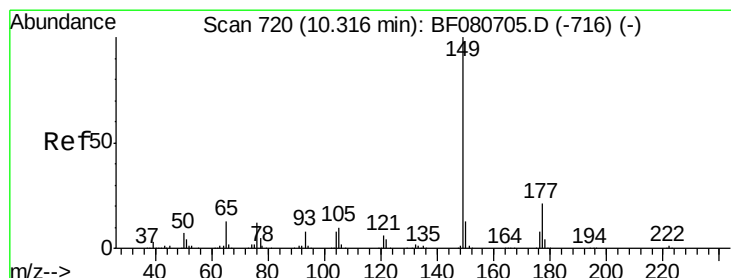
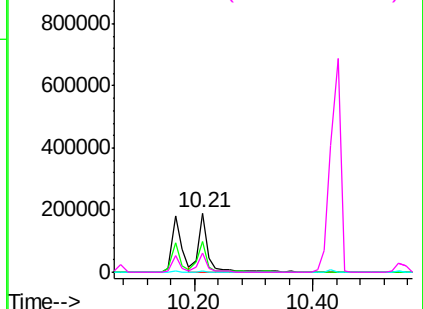
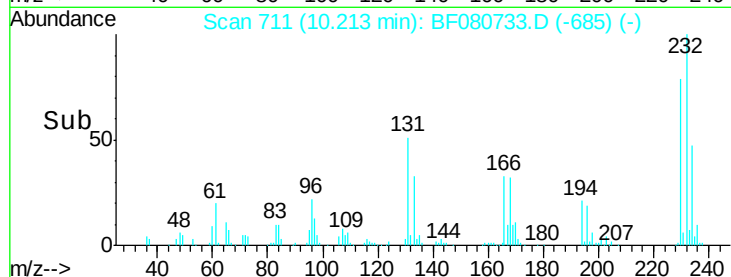
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	228280		
131	49.5	38.2	57.2	
130	2.4	1.8	2.6	
166	30.0	25.6	38.4	

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:23 AM

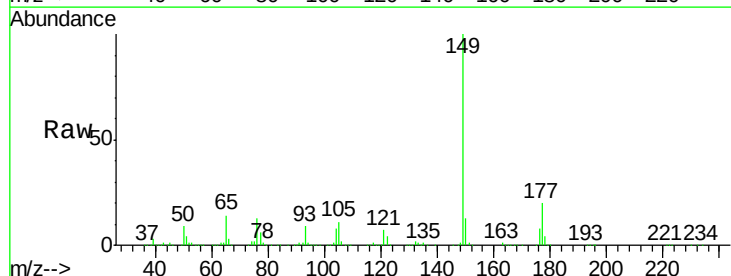


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

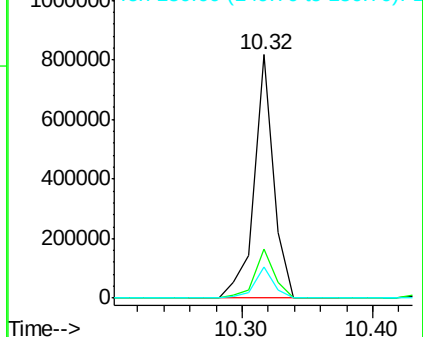
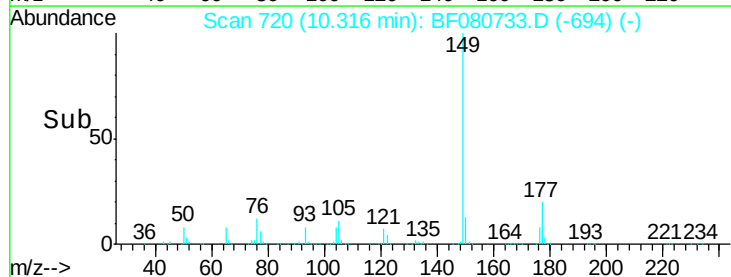


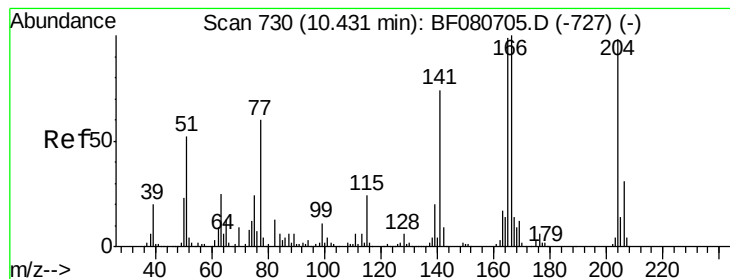
#59
 Diethylphthalate
 Concen: 40.90 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	848371		
177	20.0	16.6	25.0	
150	12.9	10.2	15.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 44.09 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080733.D

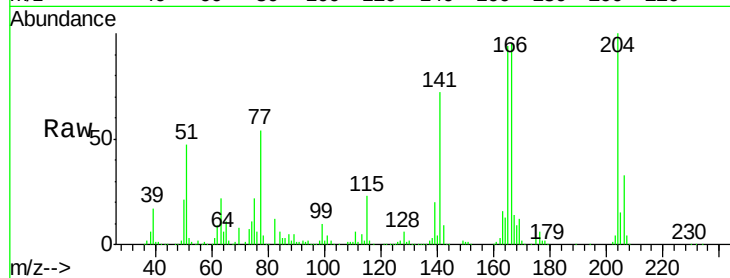
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

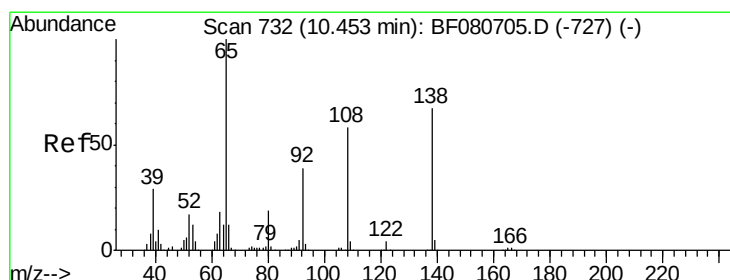
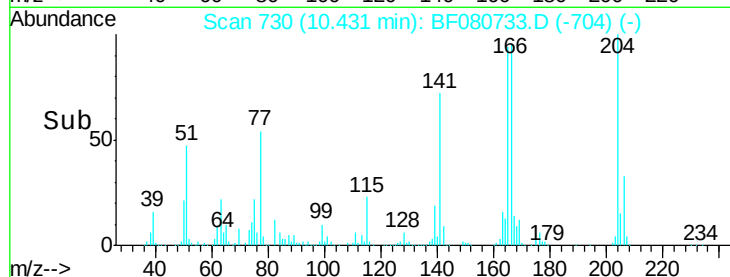
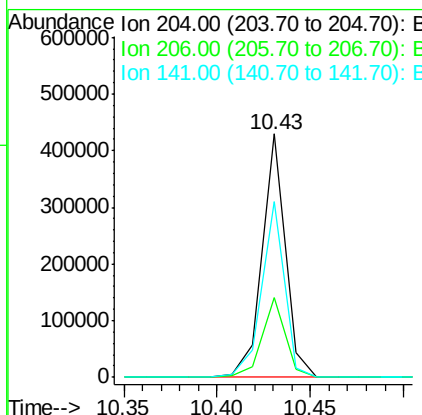
PB84695BS



Tgt Ion:	204	Resp:	367561
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.1	37.7
141	72.2	60.3	90.5

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#61

4-Nitroaniline

Concen: 33.42 ng

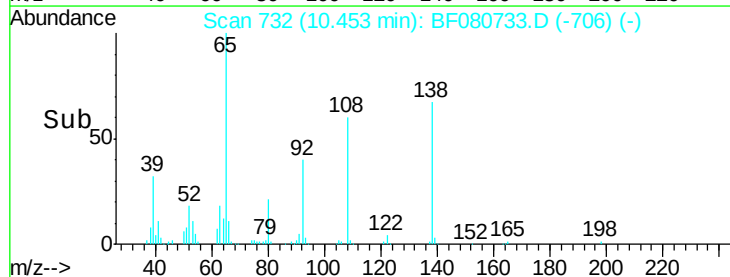
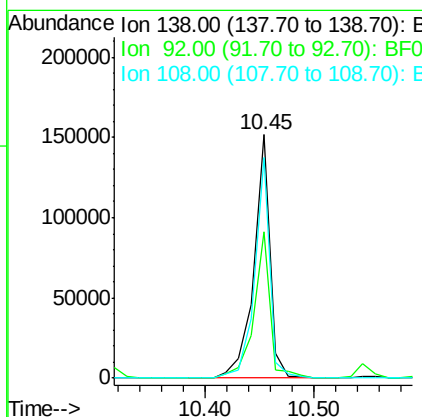
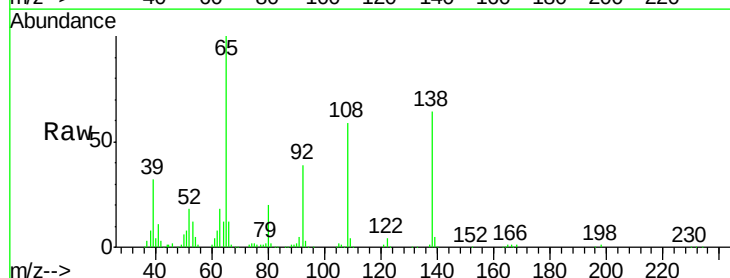
RT: 10.45 min Scan# 732

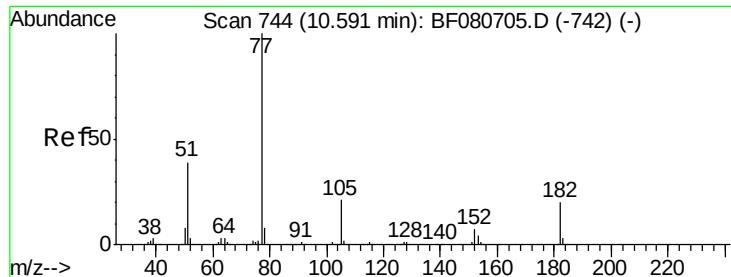
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:	138	Resp:	159030
Ion Ratio	Lower	Upper	
138	100		
92	60.0	38.2	78.2
108	90.7	66.3	106.3





#62

Azobenzene

Concen: 46.62 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF080733.D

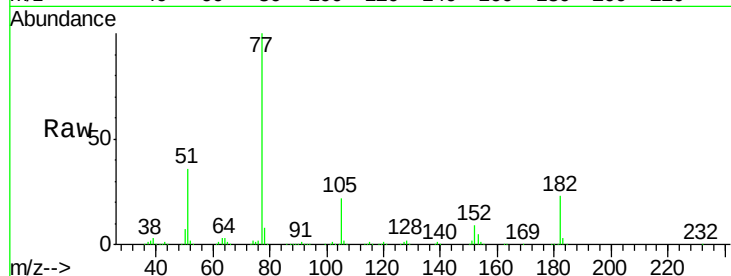
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS



Tgt Ion: 77 Resp: 1047657

Ion Ratio Lower Upper

77 100

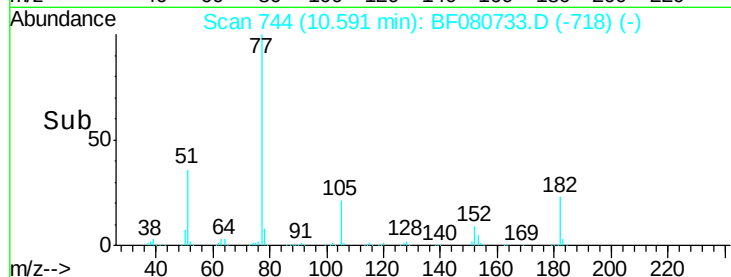
182 22.7 0.0 39.9

105 21.5 1.1 41.1

51 36.3 18.9 58.9

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM

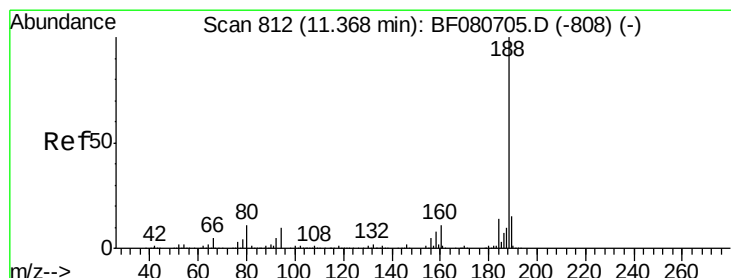
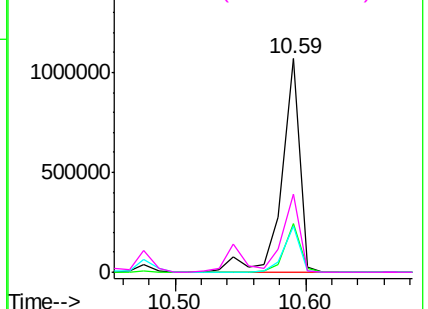


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

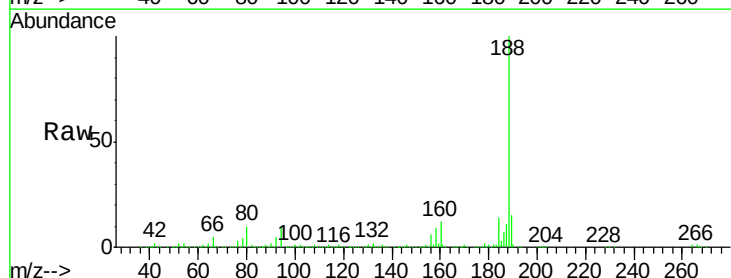
Tgt Ion: 188 Resp: 543123

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

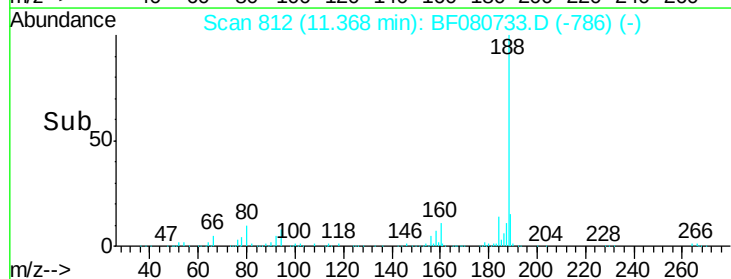
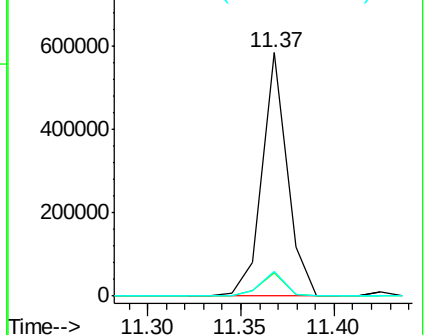
80 10.0 9.1 13.7

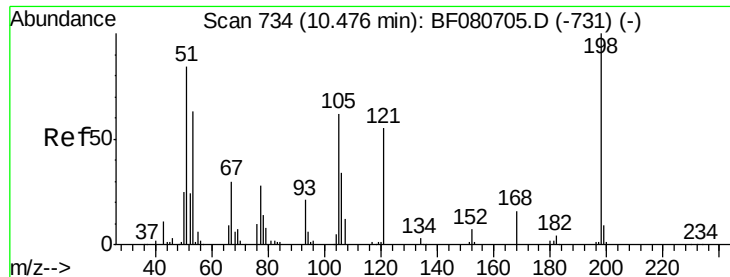


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





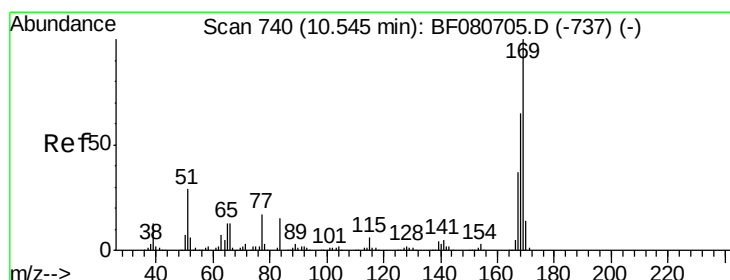
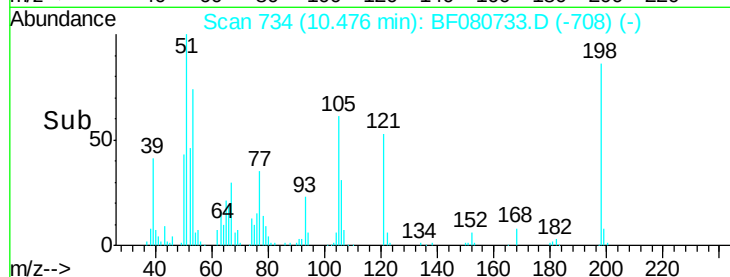
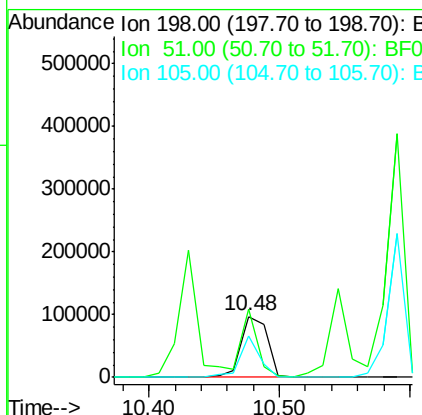
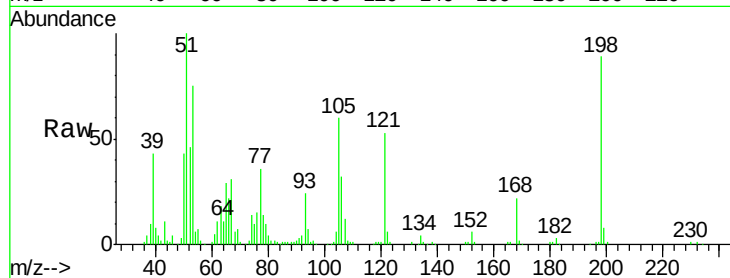
#64
4,6-Dinitro-2-methylphenol
Concen: 41.44 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13555		
51	112.3	84.6	124.6	
105	67.7	43.0	83.0	

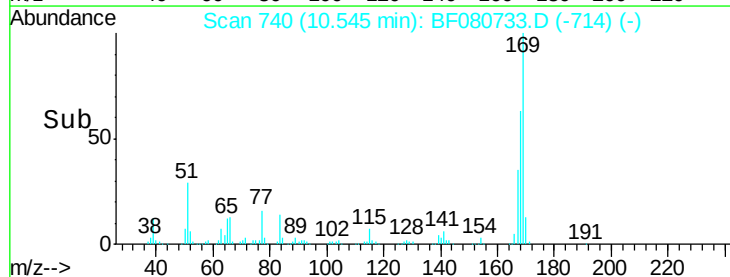
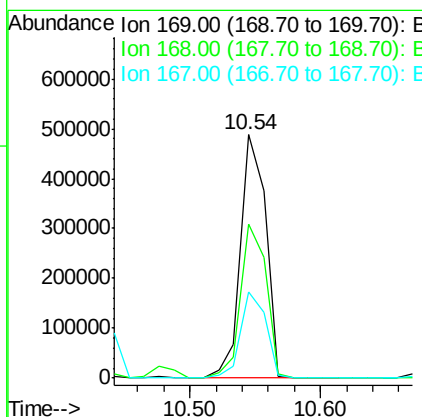
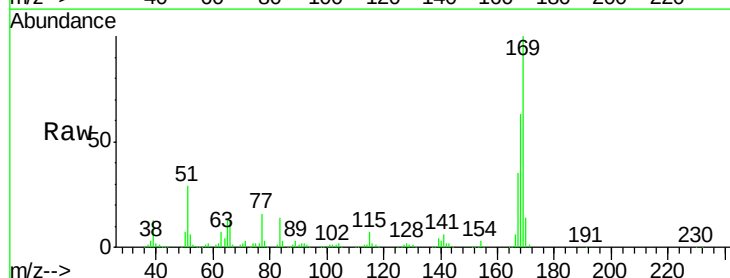
Manual Integrations
APPROVED

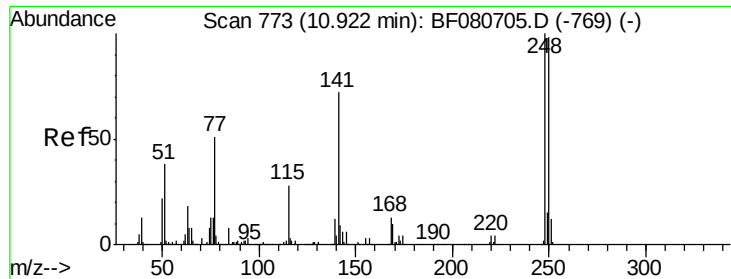
MMDadoda
8/3/2015 11:55:23 AM



#65
n-Nitrosodiphenylamine
Concen: 36.62 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	651985		
168	63.4	52.1	78.1	
167	35.2	29.3	43.9	





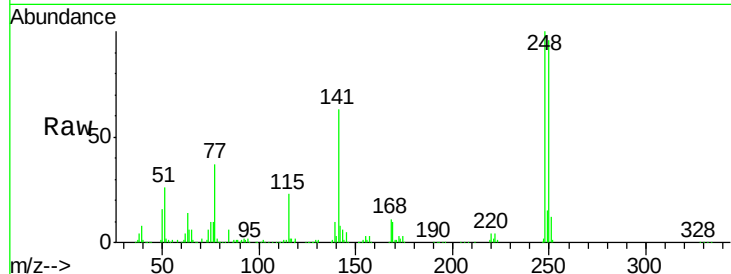
#66
4-Bromophenyl-phenylether
Concen: 46.30 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

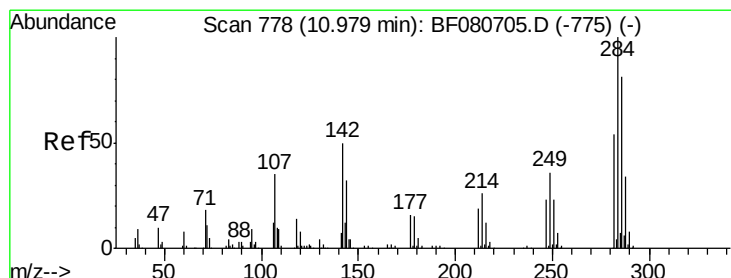
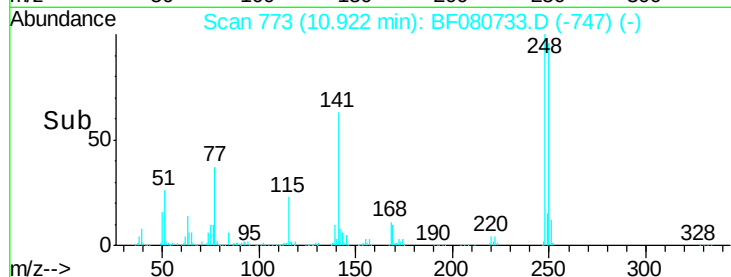
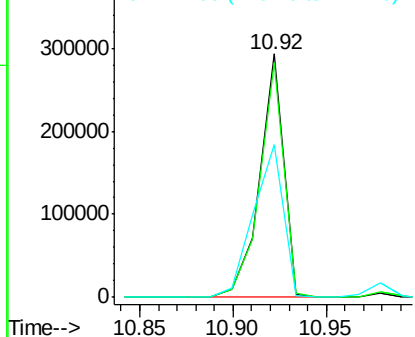
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259570		
250	96.4		78.4	117.6
141	62.8		57.5	86.3

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM

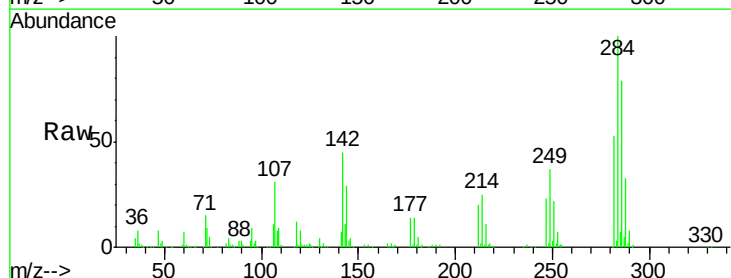


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

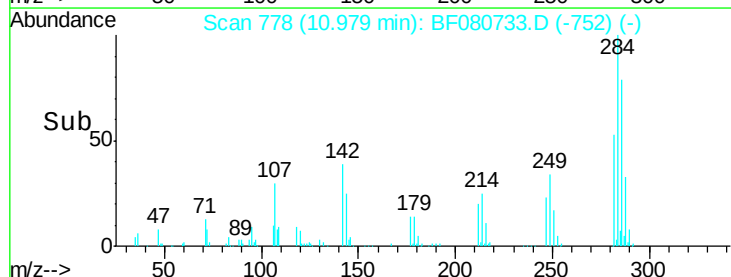
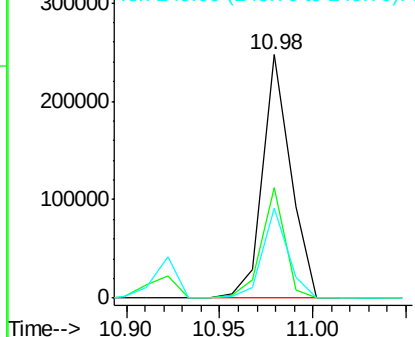


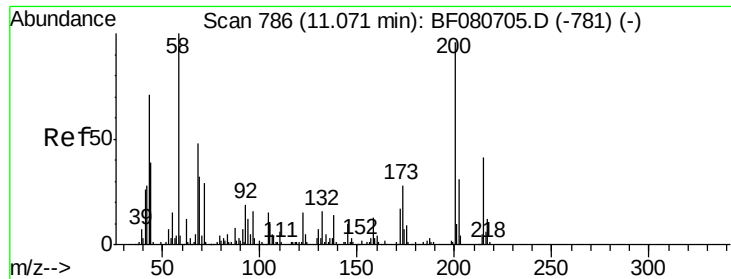
#67
Hexachlorobenzene
Concen: 39.57 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	256527		
142	45.3		39.8	59.6
249	37.0		28.7	43.1



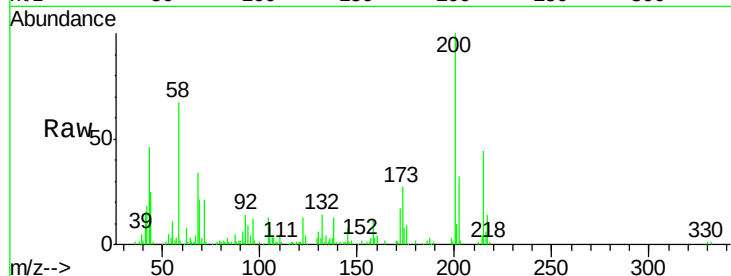
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68
Atrazine
Concen: 12.76 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

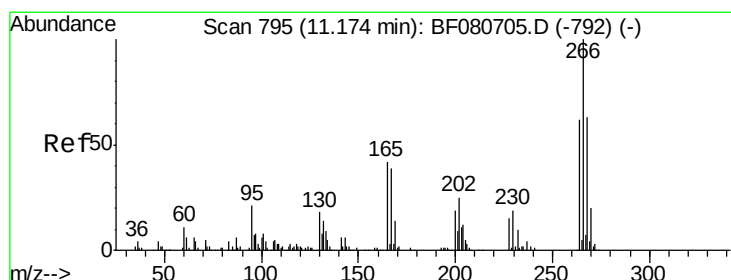
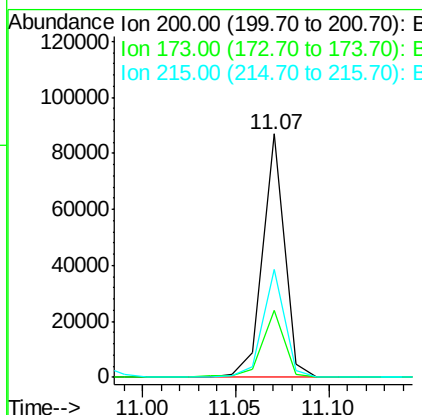
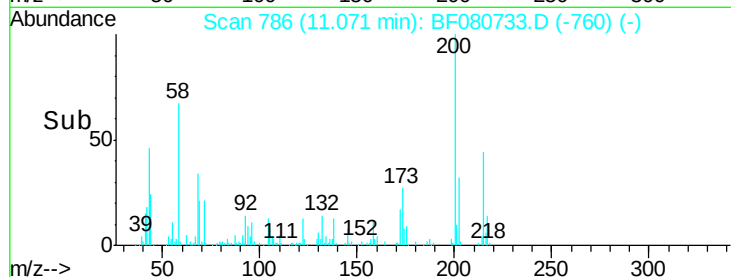
Instrument :
BNA_F
ClientSampleId :
PB84695BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	8.6	48.6
215	44.1	22.2	62.2

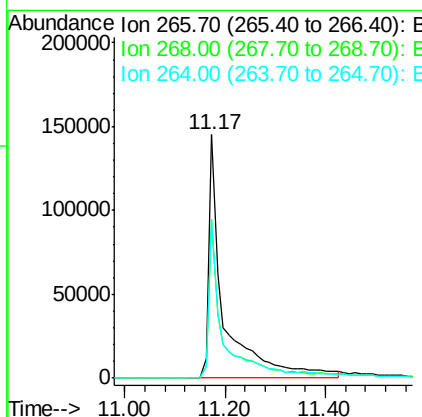
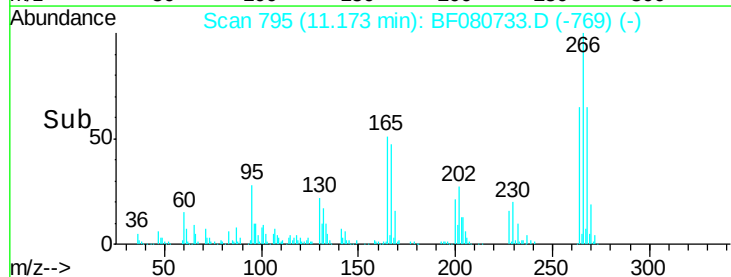
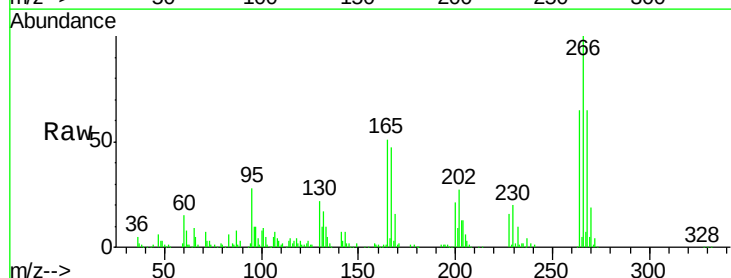
Manual Integrations
APPROVED

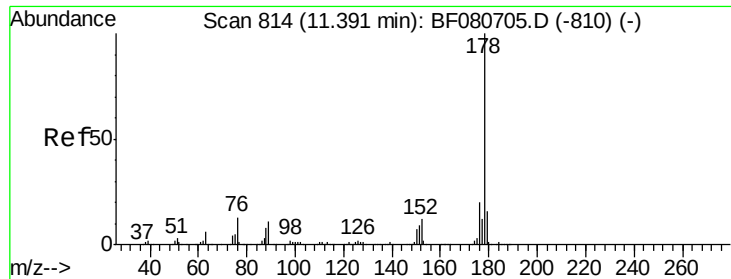
MMDadoda
8/3/2015 11:55:23 AM



#69
Pentachlorophenol
Concen: 78.58 ng
RT: 11.17 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	50.5	75.7
264	65.2	50.0	75.0





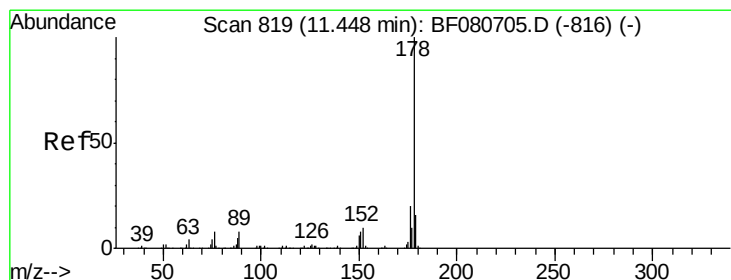
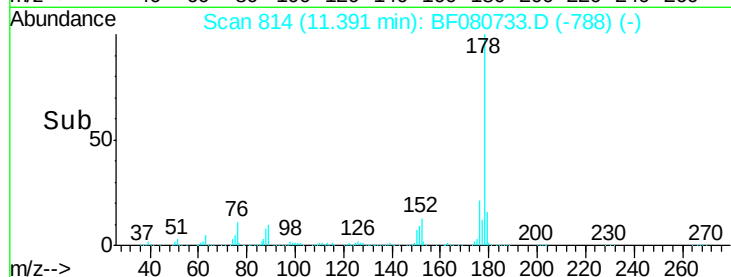
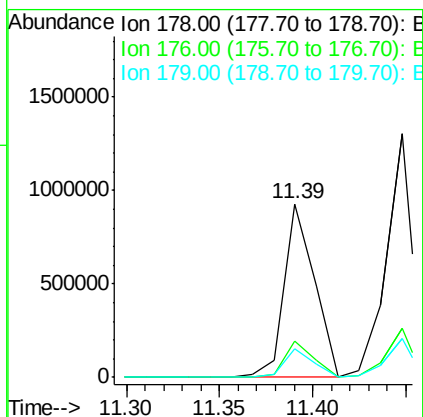
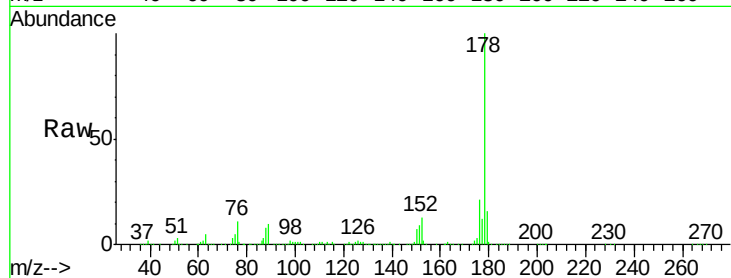
#70
Phenanthrene
Concen: 38.47 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion:178 Resp: 1052590
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.2 13.0 19.4

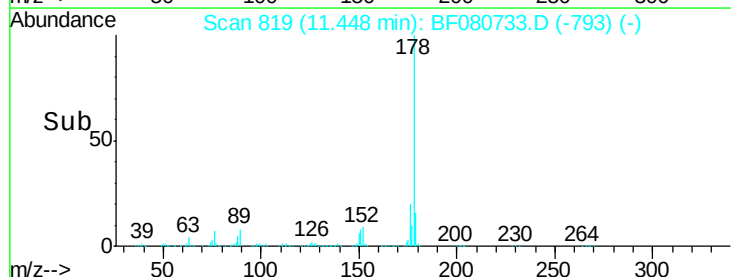
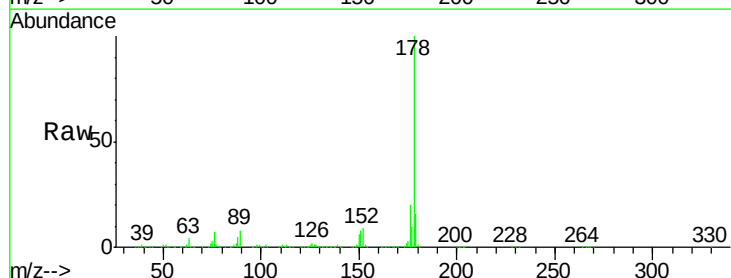
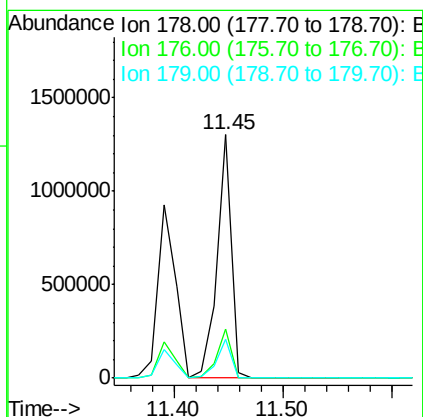
Manual Integrations
APPROVED

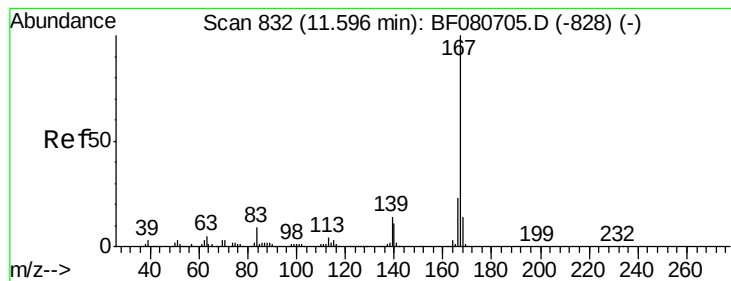
MMDadoda
8/3/2015 11:55:23 AM



#71
Anthracene
Concen: 45.11 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:178 Resp: 1212793
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.7 19.1





#72

Carbazole

Concen: 36.99 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF080733.D

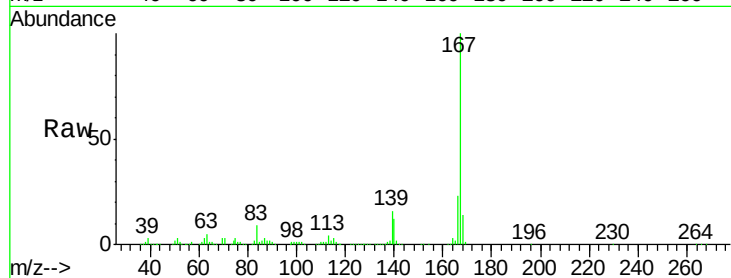
Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

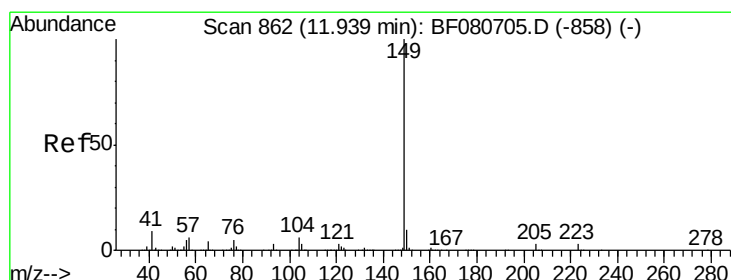
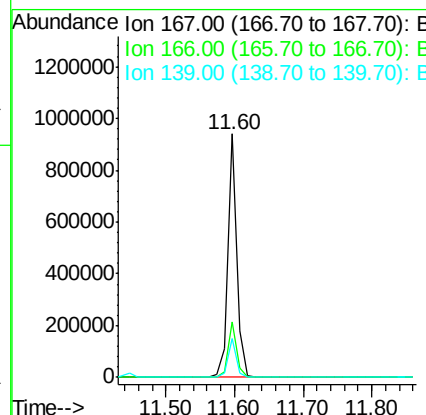
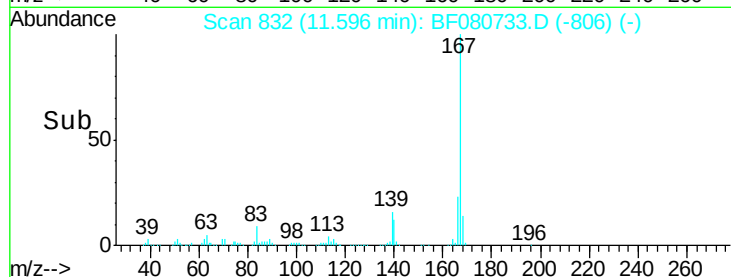
PB84695BS



Tgt Ion:	167	Resp:	863114
Ion Ratio	Lower	Upper	
167	100		
166	22.6	18.2	27.4
139	15.9	11.5	17.3

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#73

Di-n-butylphthalate

Concen: 47.03 ng

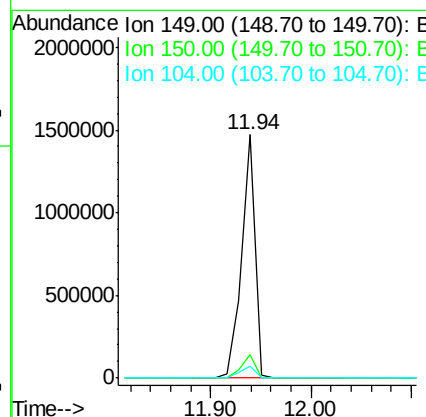
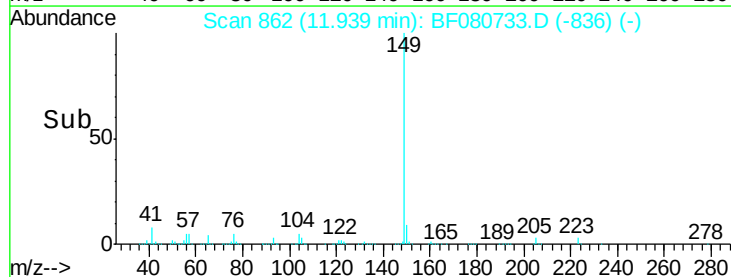
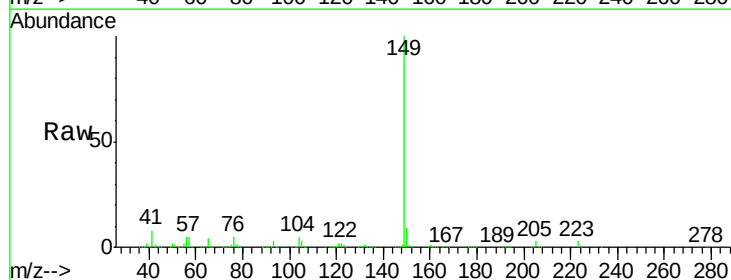
RT: 11.94 min Scan# 862

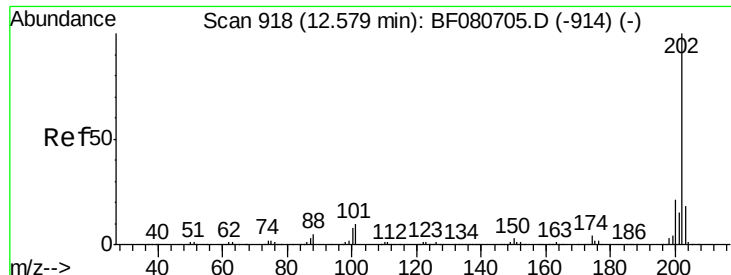
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:	149	Resp:	1360957
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.1	4.4	6.6





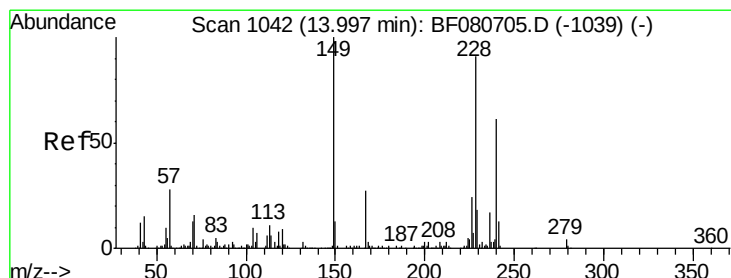
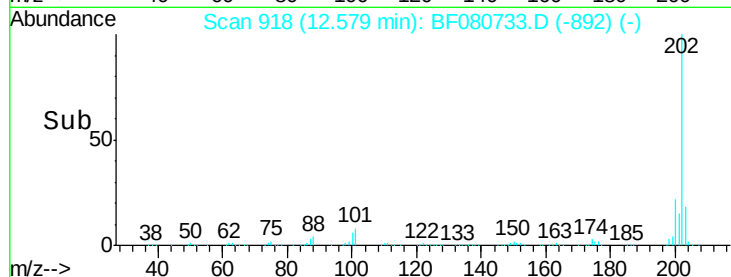
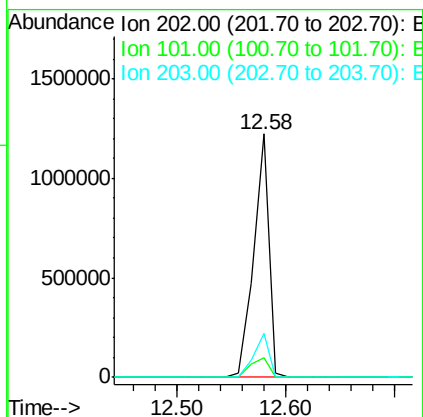
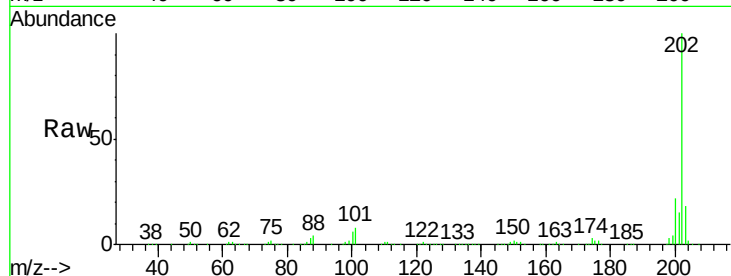
#74
 Fluoranthene
 Concen: 45.24 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	29.6
203	17.9	0.0	37.8

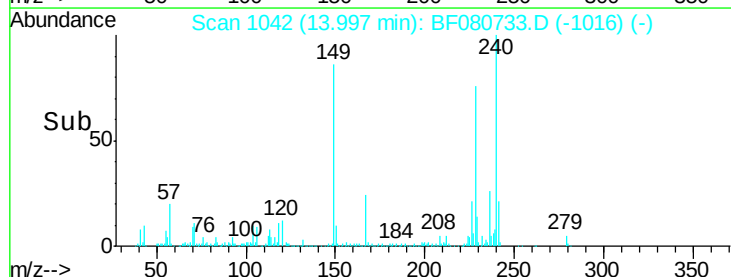
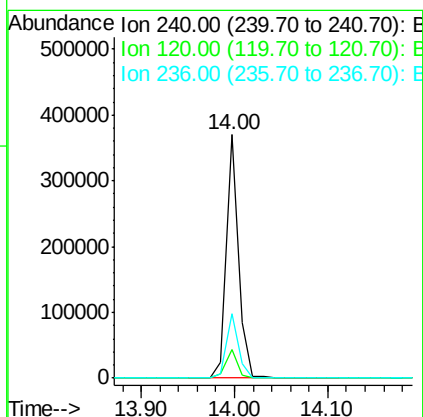
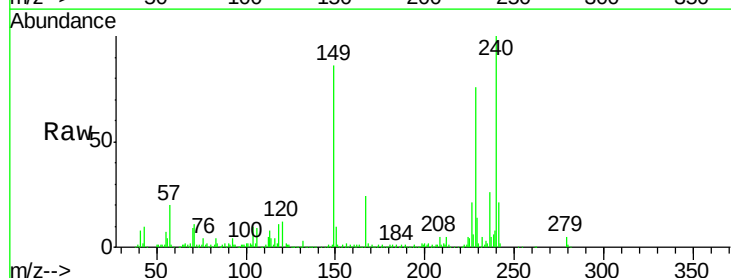
Manual Integrations
 APPROVED

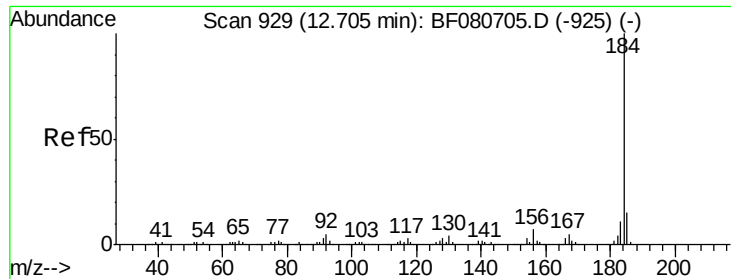
MMDadoda
 8/3/2015 11:55:23 AM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	11.8	17.8#
236	26.4	21.8	32.8





#76

Benzidine

Concen: 13.09 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

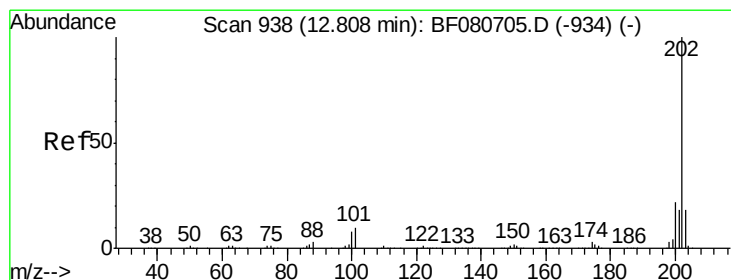
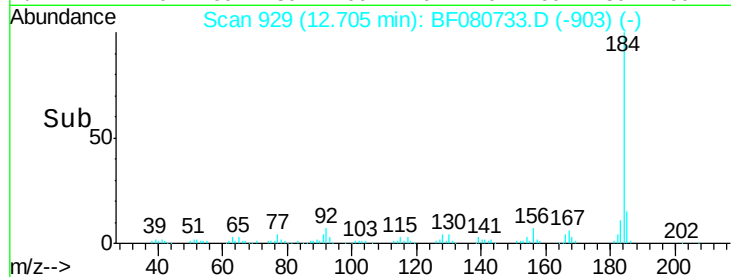
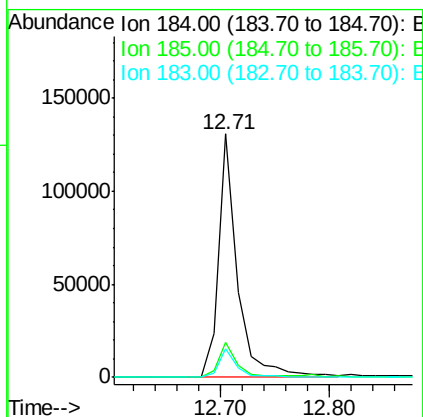
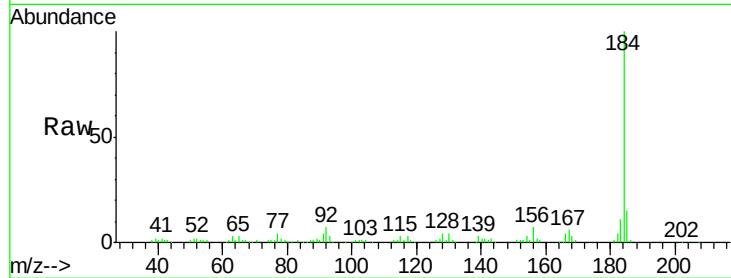
ClientSampleId :

PB84695BS

Tgt Ion:	184	Resp:	159339
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.0	18.0
183	11.5	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#77

Pyrene

Concen: 45.01 ng

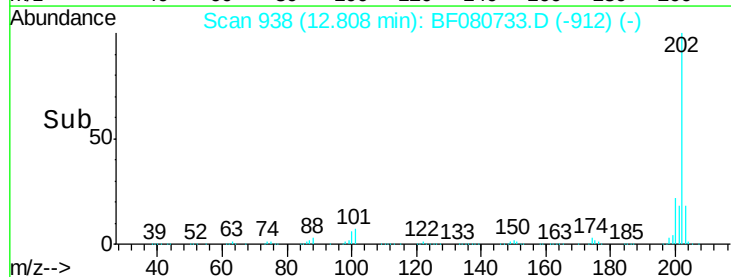
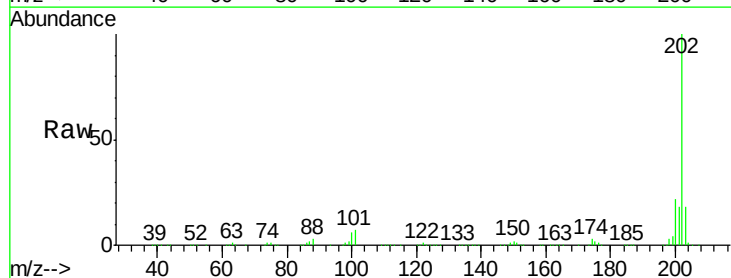
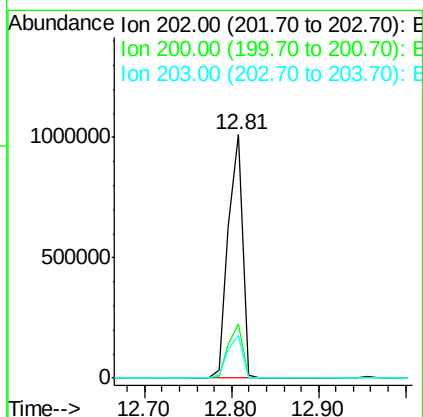
RT: 12.81 min Scan# 938

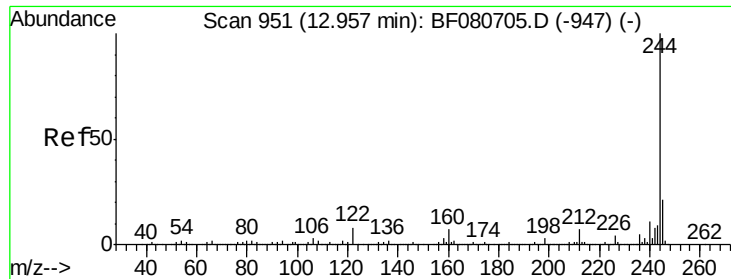
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:	202	Resp:	1166862
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	17.6	14.2	21.2





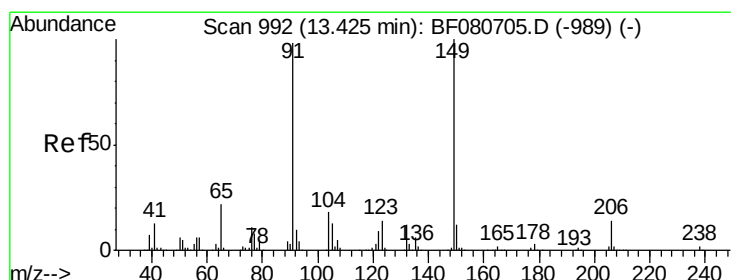
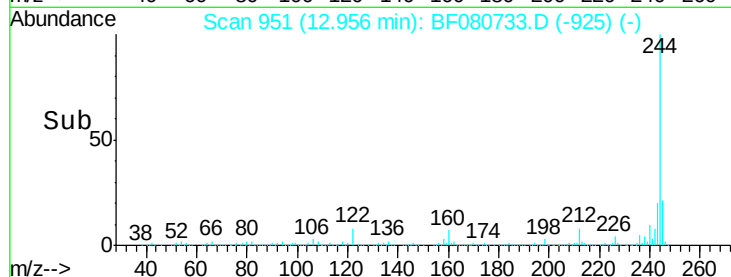
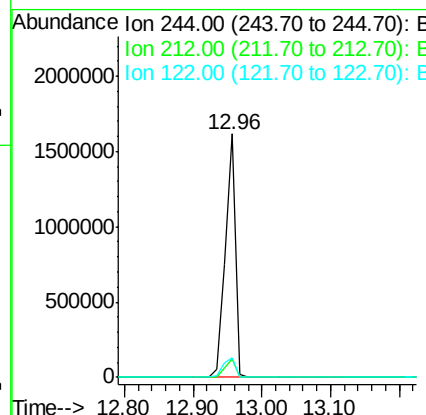
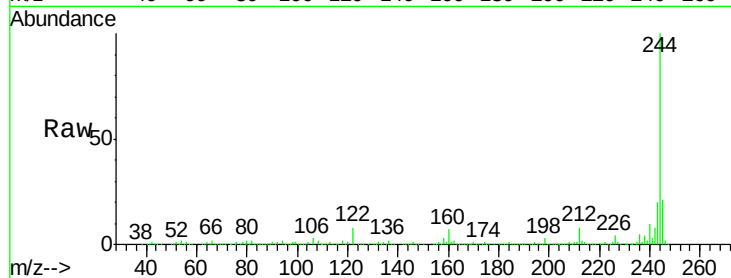
#78
 Terphenyl-d14
 Concen: 95.19 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	8.3	6.6	9.8

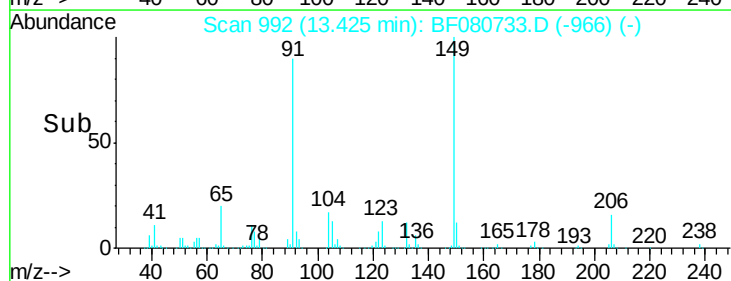
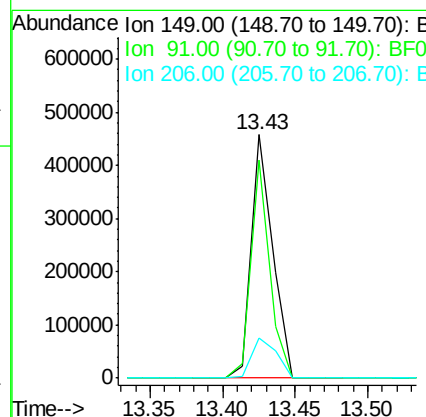
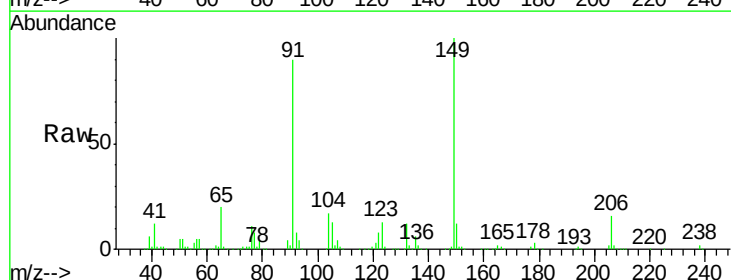
Manual Integrations
 APPROVED

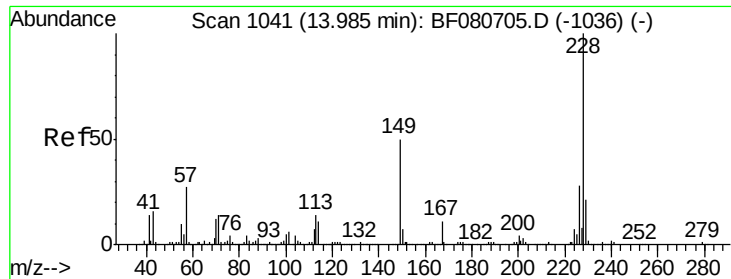
MMDadoda
 8/3/2015 11:55:23 AM



#79
 Butylbenzylphthalate
 Concen: 43.43 ng
 RT: 13.43 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	89.6	78.6	118.0
206	16.2	11.4	17.2





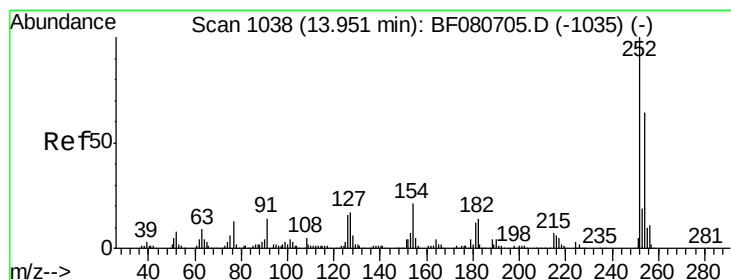
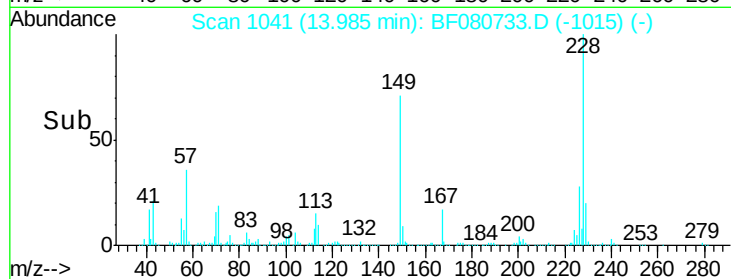
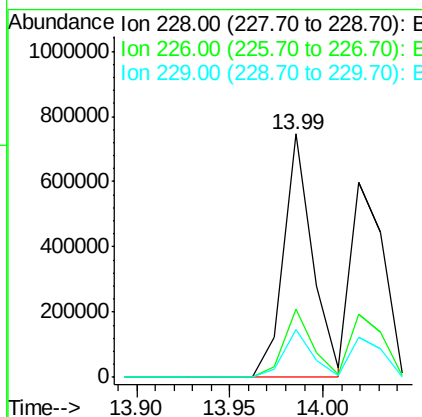
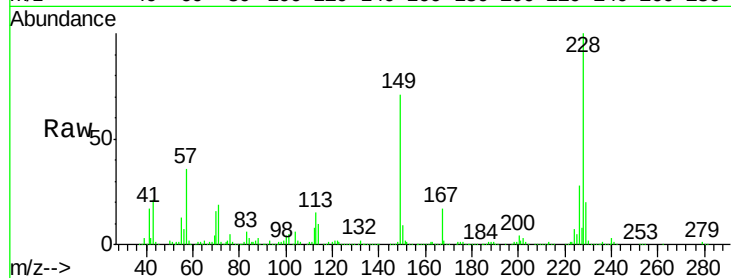
#80
Benzo(a)anthracene
Concen: 40.22 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.8	16.6	25.0

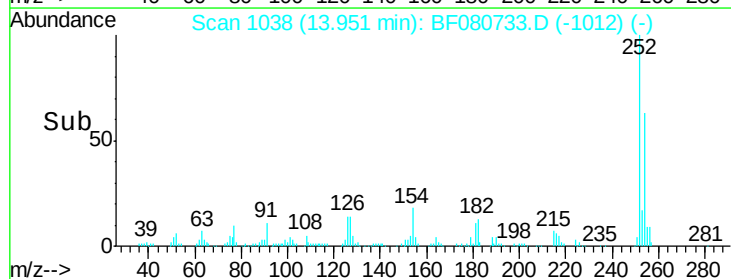
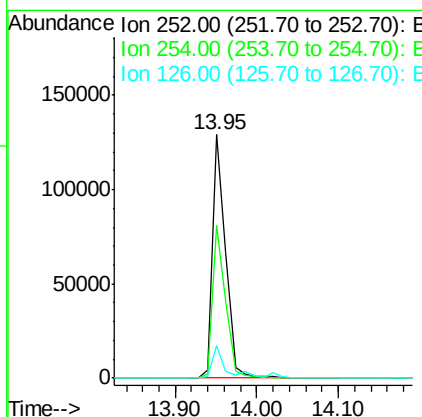
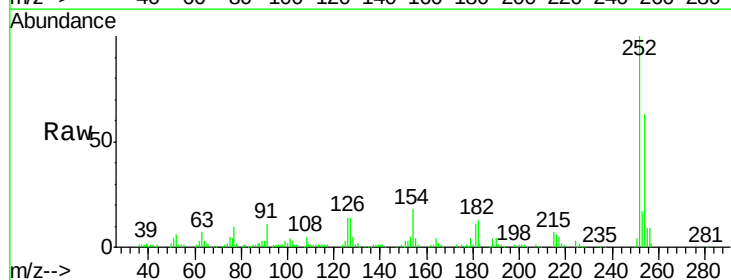
Manual Integrations
APPROVED

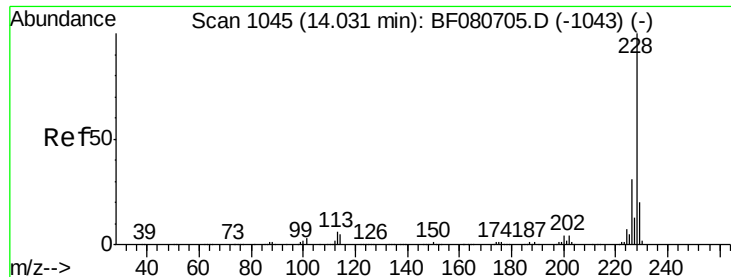
MMDadoda
8/3/2015 11:55:23 AM



#81
3,3'-Dichlorobenzidine
Concen: 21.17 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.0	76.4
126	13.6	13.2	19.8





#82

Chrysene

Concen: 37.93 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

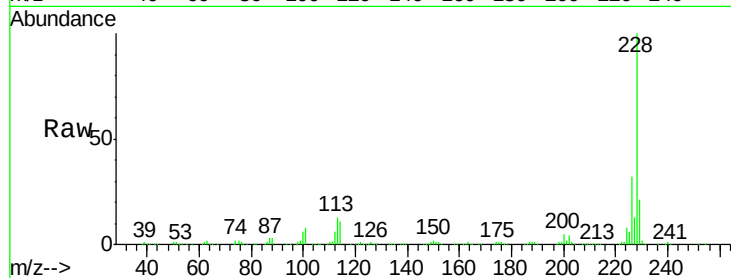
ClientSampleId :

PB84695BS

Tgt Ion:	228	Resp:	740145
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.1	37.7
229	20.5	15.8	23.8

Manual Integrations
APPROVED

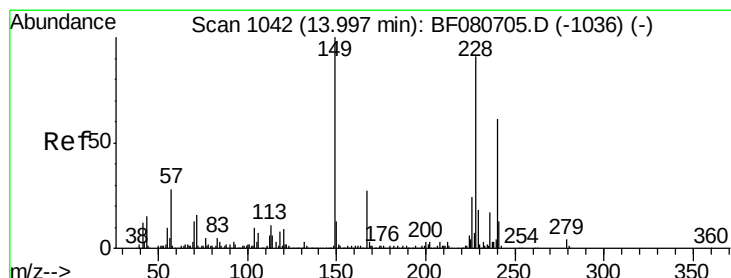
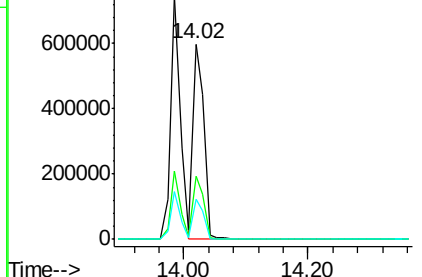
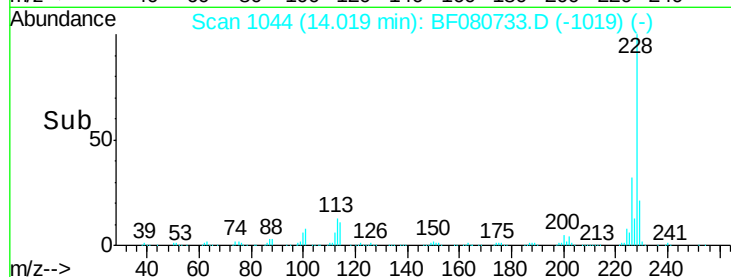
MMDadoda
8/3/2015 11:55:23 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.50 ng

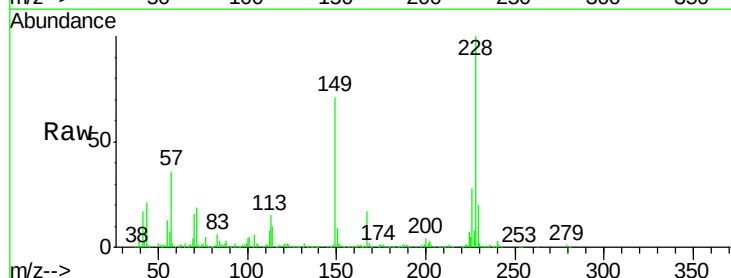
RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

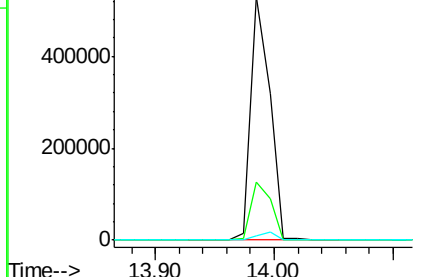
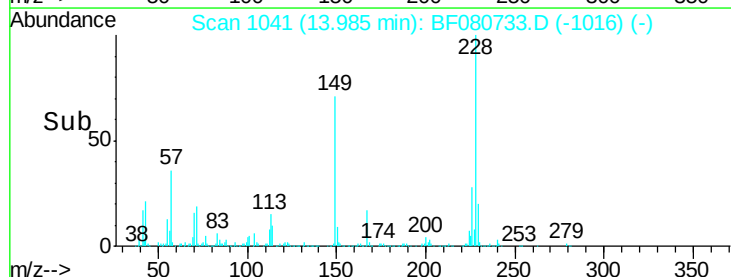
Tgt Ion:	149	Resp:	600121
Ion Ratio	Lower	Upper	
149	100		
167	23.7	21.8	32.8
279	1.8	3.4	5.0#

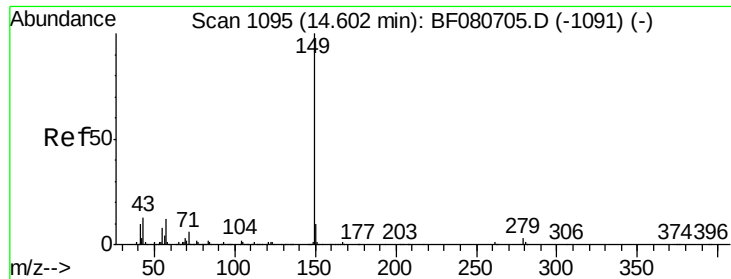


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





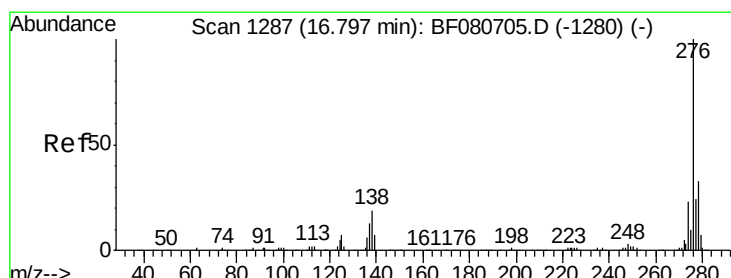
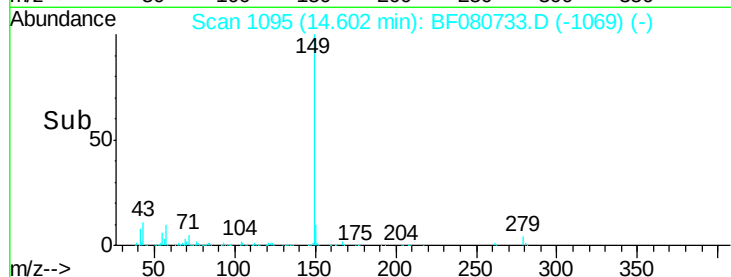
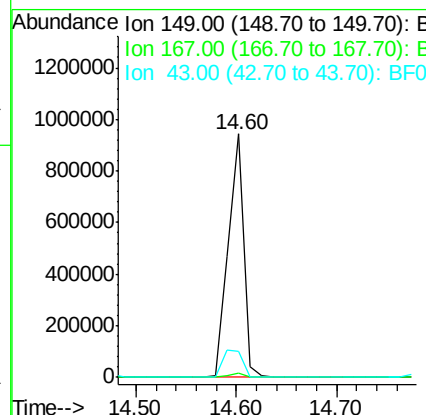
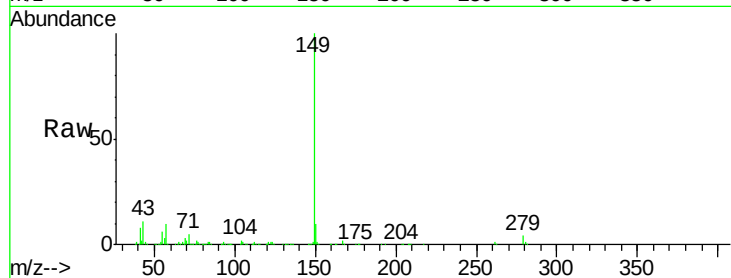
#84
Di-n-octyl phthalate
Concen: 46.59 ng
RT: 14.60 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	15.1	12.2	18.4

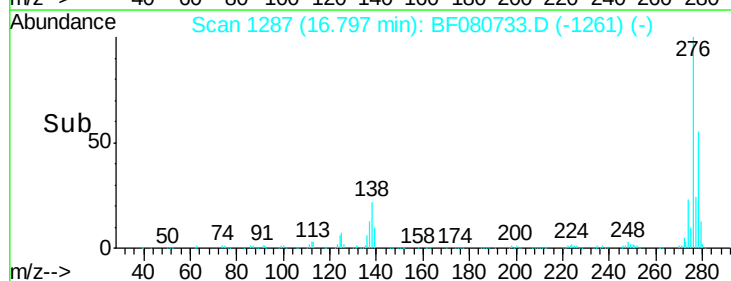
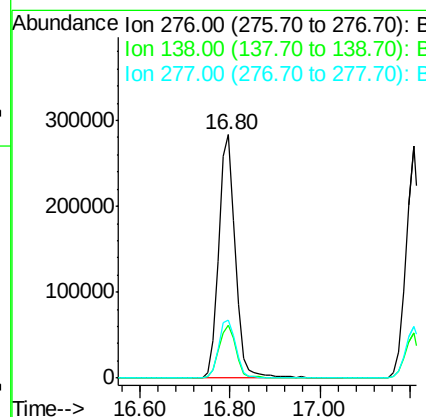
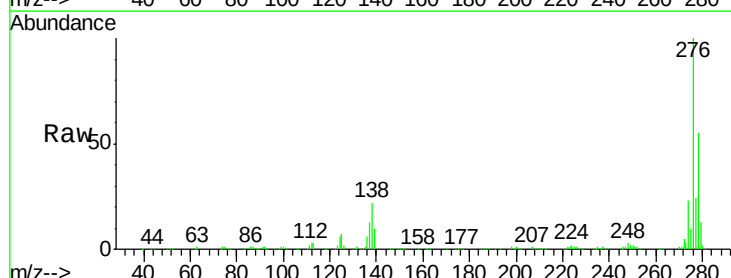
Manual Integrations
APPROVED

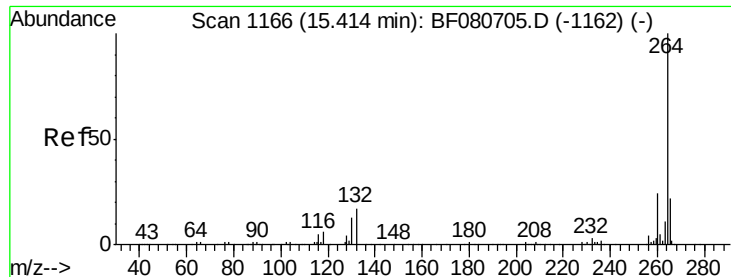
MMDadoda
8/3/2015 11:55:23 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.63 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	13.2	19.8#
277	25.1	15.4	23.2#





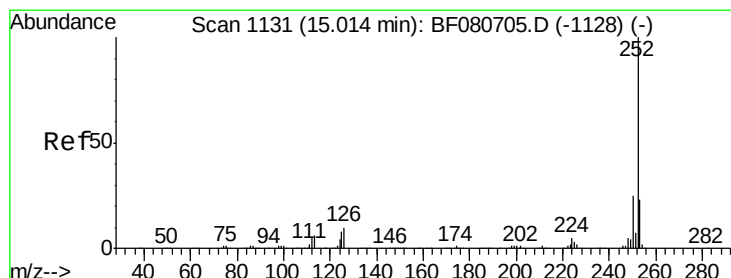
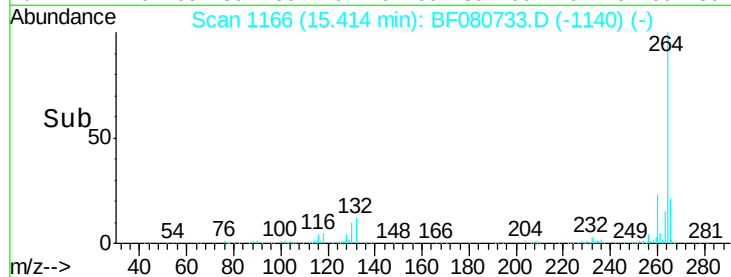
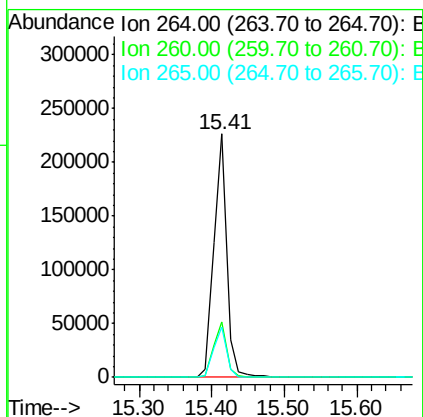
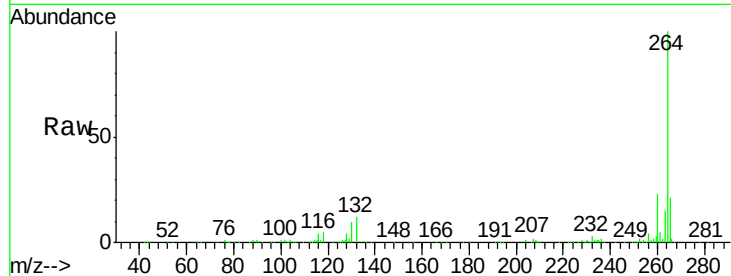
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	280530		
260	23.0	19.4	29.0	
265	20.7	17.3	25.9	

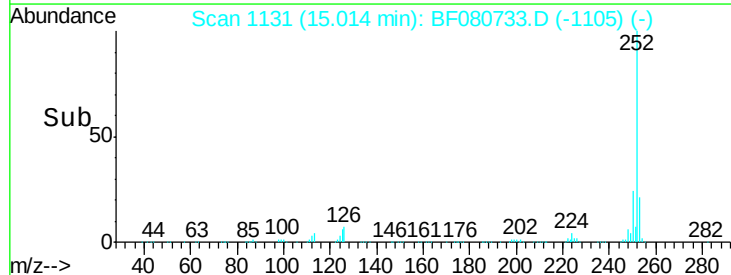
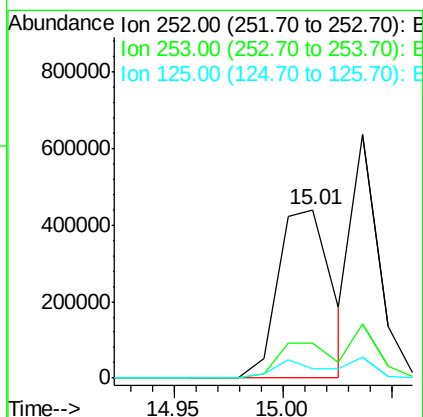
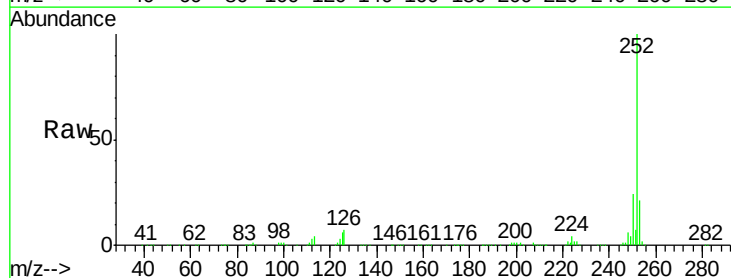
Manual Integrations
APPROVED

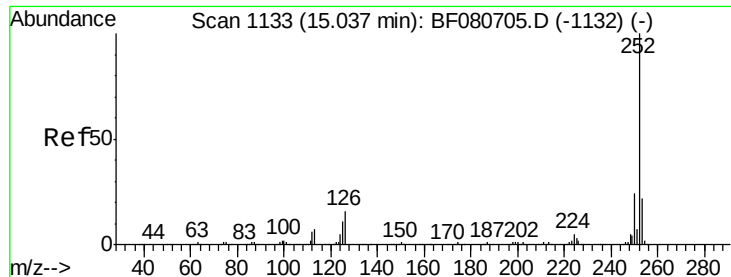
MMDadoda
8/3/2015 11:55:23 AM



#87
Benzo(b)fluoranthene
Concen: 44.91 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	752555		
253	20.9	18.1	27.1	
125	5.5	6.2	9.2#	





#88

Benzo(k)fluoranthene

Concen: 40.32 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

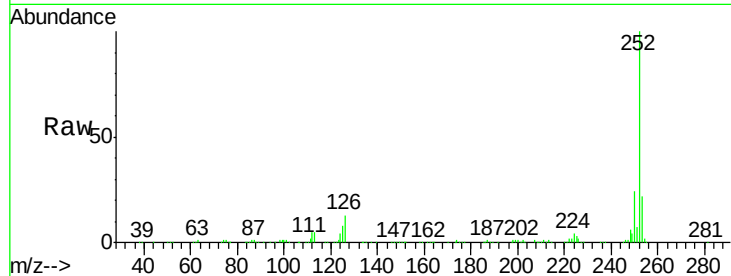
ClientSampleId :

PB84695BS

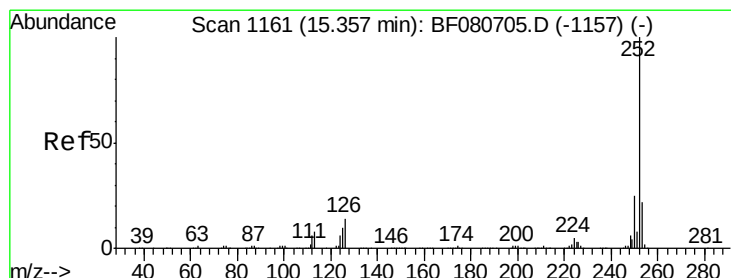
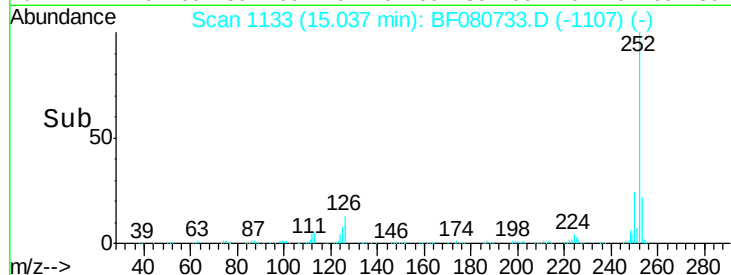
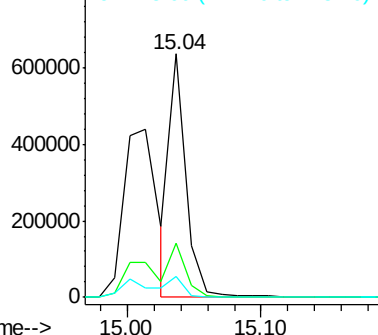
Tgt Ion:	252	Resp:	556093
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	8.3	9.0	13.4#

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



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



#89

Benzo(a)pyrene

Concen: 45.74 ng

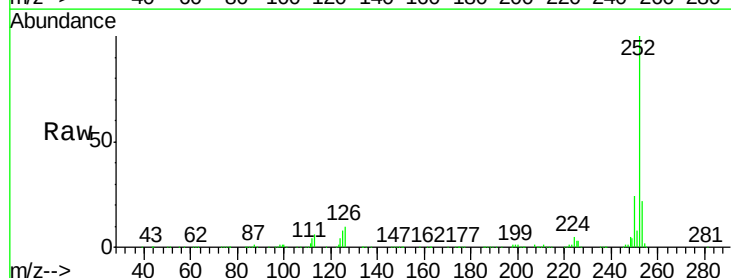
RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

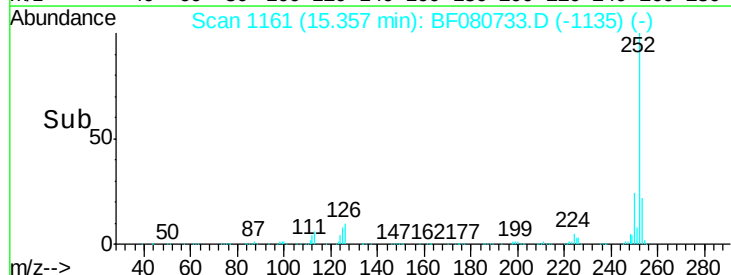
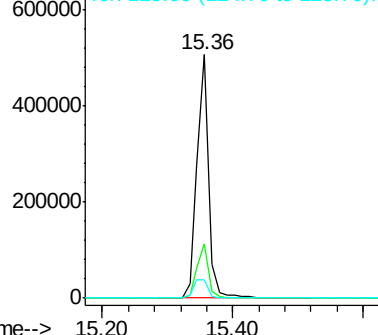
Lab File: BF080733.D

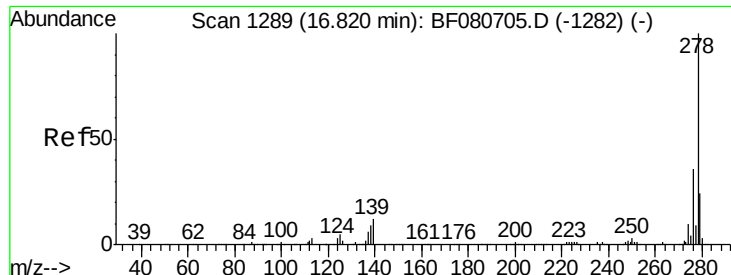
Acq: 31 Jul 2015 14:37

Tgt Ion:	252	Resp:	629226
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	7.6	8.2	12.4#



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





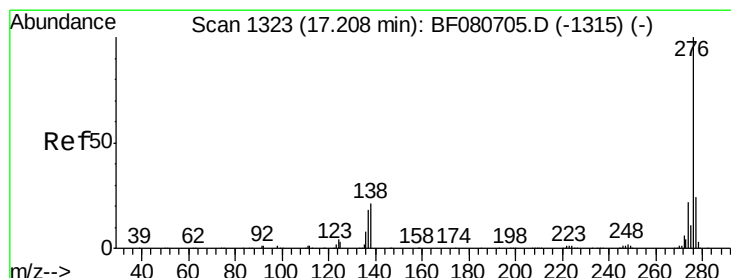
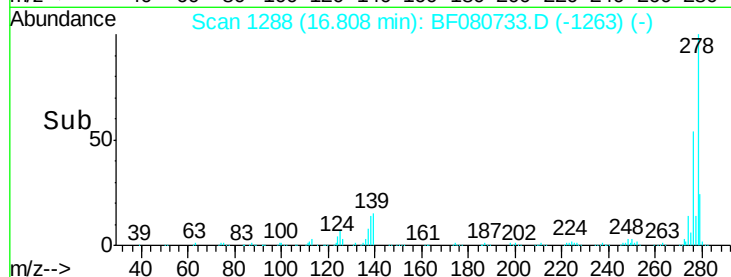
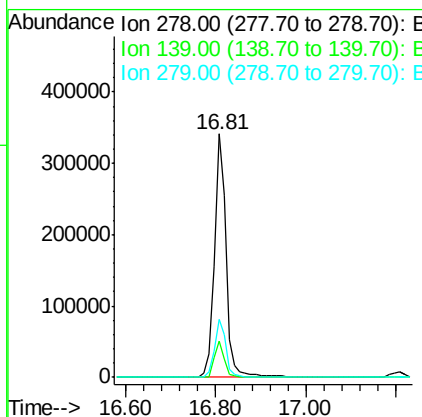
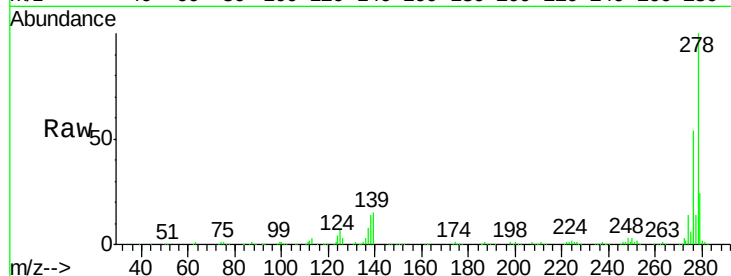
#90
Dibenzo(a,h)anthracene
Concen: 50.27 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	9.8	14.8#
279	23.9	19.4	29.2

Manual Integrations
APPROVED

MMDadoda
8/3/2015 11:55:23 AM



#91
Benzo(g,h,i)perylene
Concen: 50.90 ng
RT: 17.21 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.9	28.3
138	19.3	16.9	25.3

