

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080417.D
 Acq On : 11 Jul 2015 6:00
 Operator : TP/UM
 Sample : PB84443BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:31:36 PM

Quant Time: Jul 11 06:30:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	19338	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	85076	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	43924	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	89179	20.00	ng	0.00
75) Chrysene-d12	14.49	240	90388	20.00	ng	-0.05
86) Perylene-d12	16.21	264	83152	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	145338	128.79	ng	0.00
7) Phenol-d6	6.80	99	189203	125.84	ng	0.00
23) Nitrobenzene-d5	7.71	82	111141	74.51	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	48364	112.82	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	252745	77.50	ng	0.00
78) Terphenyl-d14	13.30	244	311282	74.79	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.94	88	17705	32.59	ng	# 95
3) Pyridine	3.96	79	37246	30.87	ng	98
4) n-Nitrosodimethylamine	3.74	42	24713	37.35	ng	98
6) Aniline	6.82	93	46086	24.58	ng	88
8) 2-Chlorophenol	6.94	128	50416	37.08	ng	95
9) Benzaldehyde	6.70	77	20905	25.13	ng	94
10) Phenol	6.81	94	68791	41.41	ng	90
11) bis(2-Chloroethyl)ether	6.88	93	51139	37.39	ng	95
12) 1,3-Dichlorobenzene	7.08	146	56906	37.01	ng	96
13) 1,4-Dichlorobenzene	7.16	146	61297	35.36	ng	98
14) 1,2-Dichlorobenzene	7.32	146	55220	33.62	ng	96
15) Benzyl Alcohol	7.30	79	46295	37.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	75064	38.05	ng	# 67
17) 2-Methylphenol	7.41	107	39083	33.08	ng	96
18) Hexachloroethane	7.66	117	17793	33.26	ng	89
19) n-Nitroso-di-n-propylamine	7.55	70	40457	39.32	ng	# 88
20) 3+4-Methylphenols	7.56	107	59057	39.77	ng	# 61
22) Acetophenone	7.56	105	69757	34.21	ng	# 98
24) Nitrobenzene	7.73	77	56244	34.08	ng	96
25) Isophorone	7.97	82	105574	39.49	ng	# 91
26) 2-Nitrophenol	8.05	139	25647	32.37	ng	91
27) 2,4-Dimethylphenol	8.09	122	52209	41.87	ng	98
28) bis(2-Chloroethoxy)methane	8.17	93	59433	36.74	ng	# 97
29) 2,4-Dichlorophenol	8.29	162	45919	39.89	ng	89
30) 1,2,4-Trichlorobenzene	8.37	180	47277	31.05	ng	95
31) Naphthalene	8.45	128	159405	34.26	ng	98
32) Benzoic acid	8.19	122	28787	32.84	ng	97
33) 4-Chloroaniline	8.51	127	39411	24.99	ng	99
34) Hexachlorobutadiene	8.57	225	29990	33.93	ng	94
35) Caprolactam	8.89	113	12227	37.14	ng	# 65
36) 4-Chloro-3-methylphenol	8.99	107	48675	39.93	ng	# 81
37) 2-Methylnaphthalene	9.14	142	100389	32.69	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	51659	35.15	ng	97
40) Hexachlorocyclopentadiene	9.30	237	61205	79.82	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080417.D
 Acq On : 11 Jul 2015 6:00
 Operator : TP/UM
 Sample : PB84443BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB84443BS

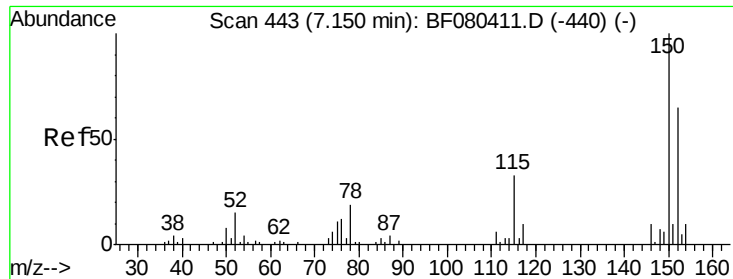
Manual Integrations
 APPROVED

apatel
 7/13/2015 3:31:36 PM

Quant Time: Jul 11 06:30:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	31257	36.93	ng	96
43) 2,4,5-Trichlorophenol	9.47	196	35911	39.53	ng #	90
45) 1,1'-Biphenyl	9.61	154	139788	36.51	ng	99
46) 2-Chloronaphthalene	9.63	162	94694	33.51	ng #	88
47) 2-Nitroaniline	9.74	65	28331	33.18	ng #	84
48) Acenaphthylene	10.05	152	178154	36.86	ng	99
49) Dimethylphthalate	9.90	163	130530	39.31	ng #	98
50) 2,6-Dinitrotoluene	9.97	165	25752	34.56	ng #	82
51) Acenaphthene	10.22	154	121181	39.44	ng	99
52) 3-Nitroaniline	10.16	138	19618	26.97	ng	86
53) 2,4-Dinitrophenol	10.25	184	26837	77.49	ng #	64
54) Dibenzofuran	10.40	168	155879	38.31	ng	97
55) 4-Nitrophenol	10.33	139	42158	72.08	ng #	83
56) 2,4-Dinitrotoluene	10.37	165	37526	43.07	ng #	79
57) Fluorene	10.74	166	125211	36.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.52	232	33073m	41.50	ng	
59) Diethylphthalate	10.60	149	131939	40.59	ng	98
60) 4-Chlorophenyl-phenylether	10.73	204	60967	36.92	ng	92
61) 4-Nitroaniline	10.77	138	25468	35.22	ng	87
62) Azobenzene	10.89	77	129517	36.91	ng	95
64) 4,6-Dinitro-2-methylphenol	10.78	198	19089	39.00	ng #	76
65) n-Nitrosodiphenylamine	10.84	169	100211	36.05	ng	99
66) 4-Bromophenyl-phenylether	11.22	248	36260	38.15	ng	89
67) Hexachlorobenzene	11.29	284	34614	36.27	ng #	55
68) Atrazine	11.37	200	30292	35.04	ng	95
69) Pentachlorophenol	11.49	266	46728	85.74	ng	98
70) Phenanthrene	11.71	178	201168	37.55	ng	99
71) Anthracene	11.76	178	188809	38.06	ng	98
72) Carbazole	11.92	167	167717	36.63	ng #	97
73) Di-n-butylphthalate	12.22	149	187289	38.68	ng #	99
74) Fluoranthene	12.92	202	215374	38.76	ng	99
76) Benzidine	13.06	184	67165	38.03	ng	99
77) Pyrene	13.16	202	218929	37.81	ng	100
79) Butylbenzylphthalate	13.81	149	89701	40.86	ng	91
80) Benzo(a)anthracene	14.48	228	203110	35.66	ng	99
81) 3,3'-Dichlorobenzidine	14.44	252	52259	30.69	ng #	97
82) Chrysene	14.52	228	198304	37.81	ng	100
83) Bis(2-ethylhexyl)phthalate	14.44	149	136982	39.76	ng #	96
84) Di-n-octyl phthalate	15.19	149	228075	37.58	ng	100
85) Indeno(1,2,3-cd)pyrene	17.86	276	213437	32.76	ng	99
87) Benzo(b)fluoranthene	15.72	252	223178	38.64	ng	99
88) Benzo(k)fluoranthene	15.76	252	165724m	35.09	ng	
89) Benzo(a)pyrene	16.15	252	189885	37.52	ng	98
90) Dibenzo(a,h)anthracene	17.87	278	178633	35.63	ng #	96
91) Benzo(g,h,i)perylene	18.36	276	182950	36.73	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

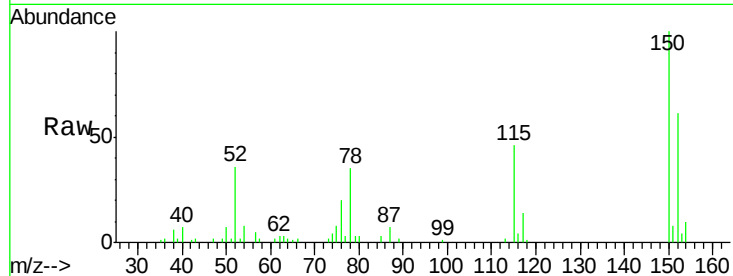
PB84443BS

Manual Integrations
APPROVED

apatel

7/13/2015 3:31:36 PM

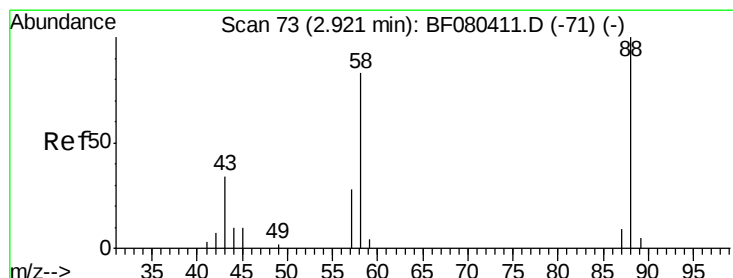
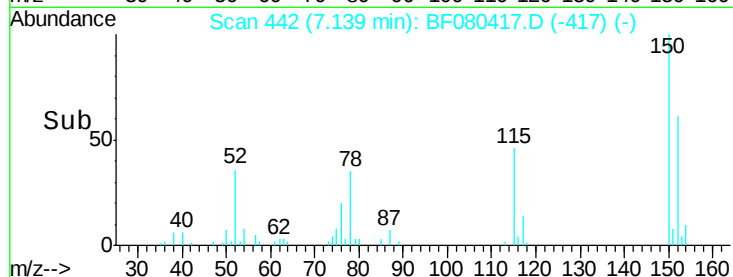
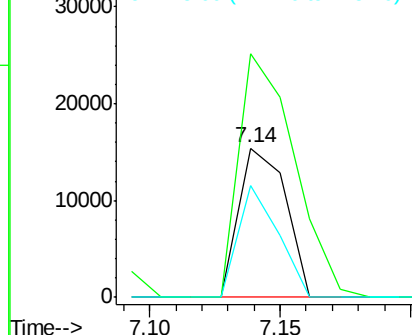
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.5	122.3	183.5
115	75.0	41.0	61.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.59 ng

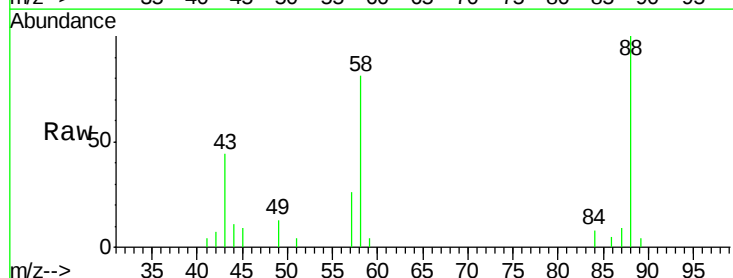
RT: 2.94 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

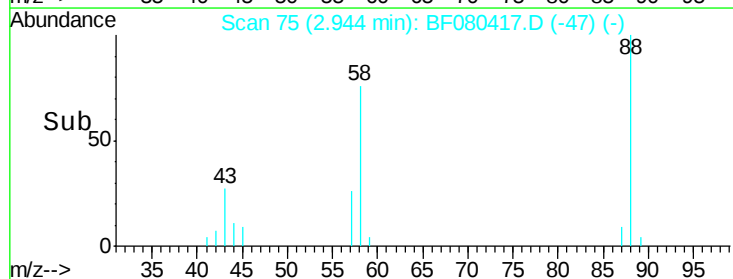
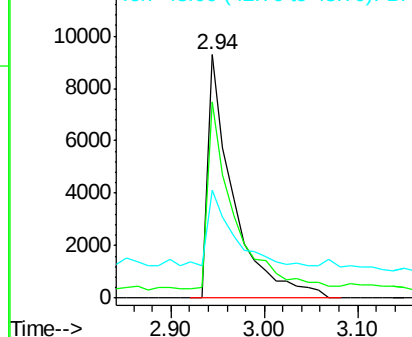
Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.4	93.6
43	37.5	24.4	36.6

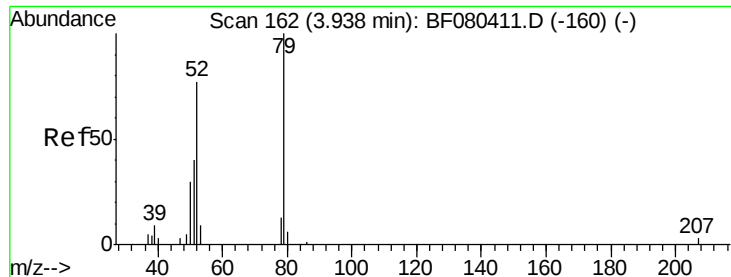


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.87 ng

RT: 3.96 min Scan# 164

Delta R.T. 0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

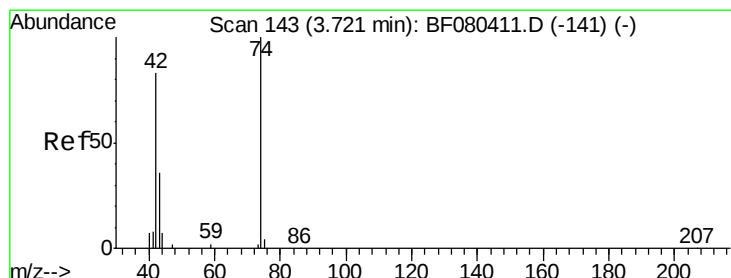
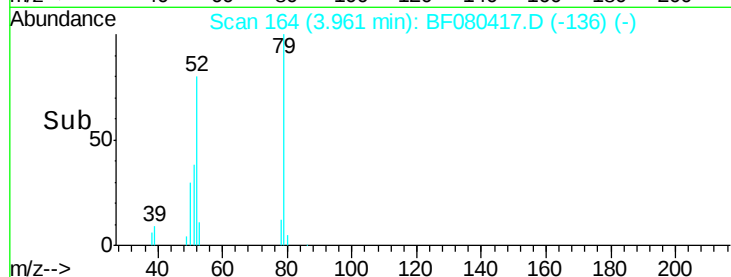
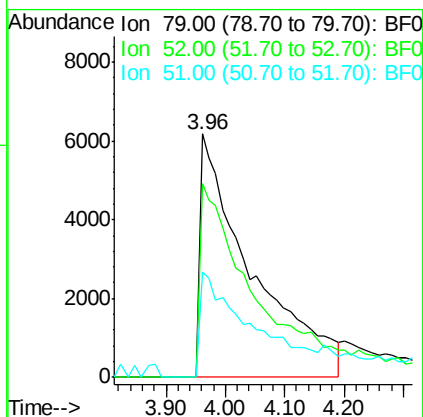
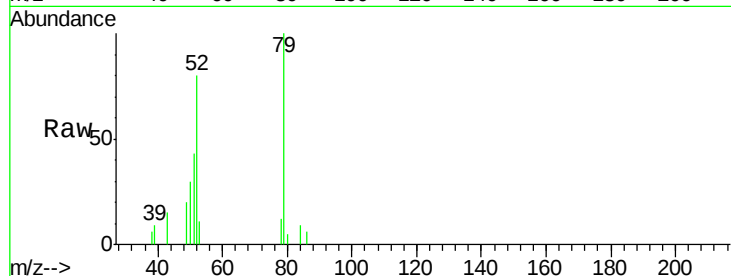
PB84443BS

Manual Integrations
APPROVED

apatel

7/13/2015 3:31:36 PM

Tgt Ion:	79	Resp:	37246
Ion Ratio	Lower	Upper	
79	100		
52	79.8	61.6	92.4
51	43.0	34.5	51.7



#4

n-Nitrosodimethylamine

Concen: 37.35 ng

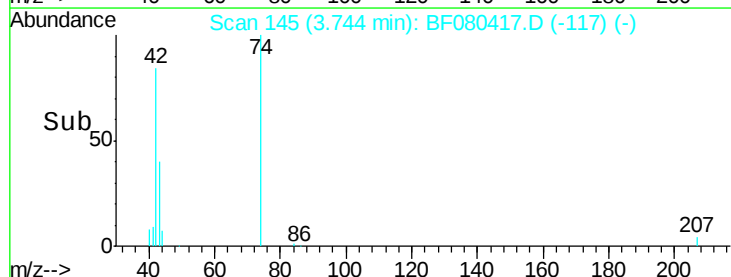
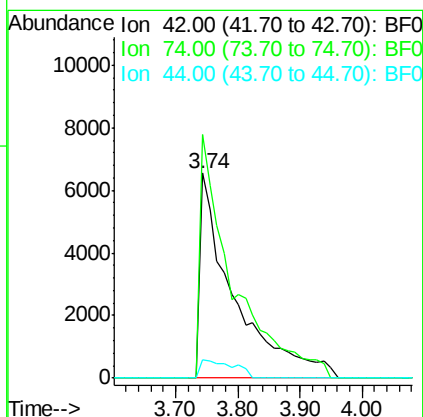
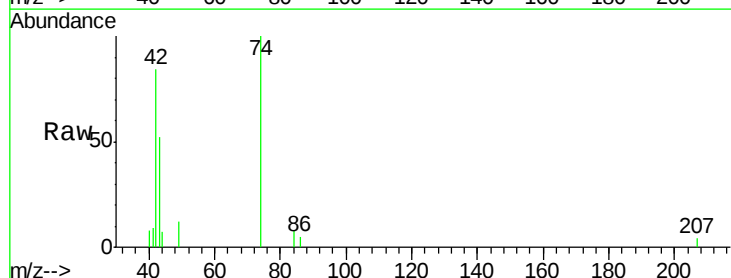
RT: 3.74 min Scan# 145

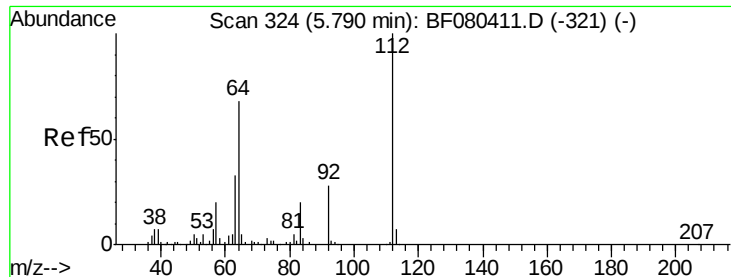
Delta R.T. 0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion:	42	Resp:	24713
Ion Ratio	Lower	Upper	
42	100		
74	119.0	97.0	145.4
44	8.7	6.3	9.5





#5

2-Fluorophenol

Concen: 128.79 ng

RT: 5.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF080417.D

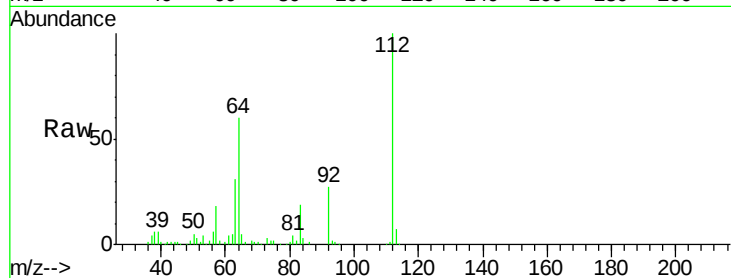
Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

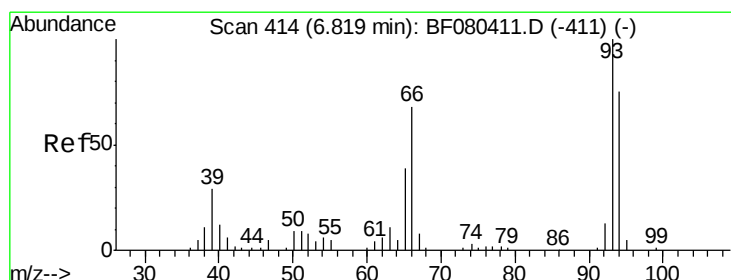
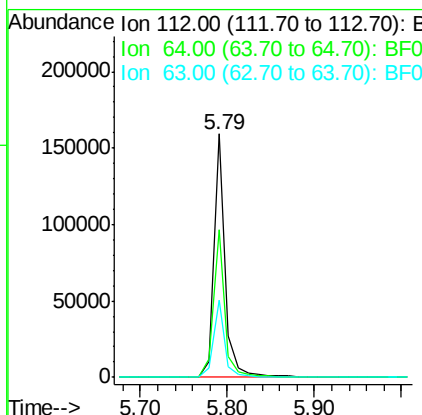
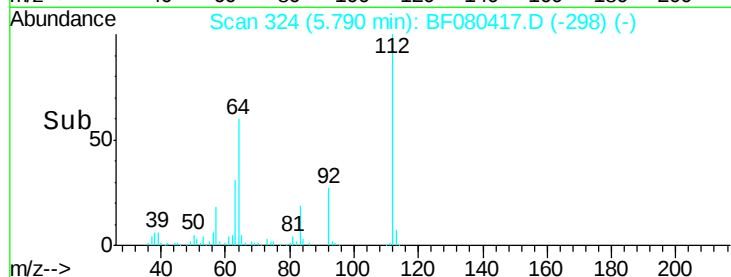
PB84443BS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	145338		
64	60.5	54.3	81.5	
63	31.5	26.7	40.1	

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#6

Aniline

Concen: 24.58 ng

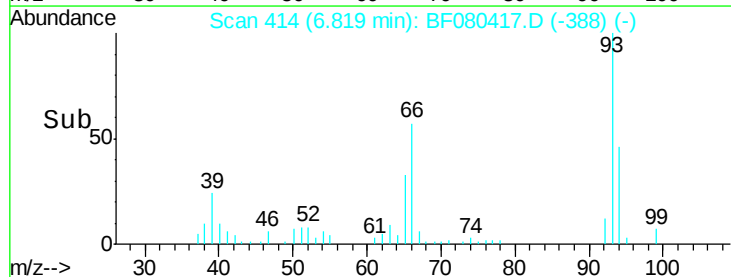
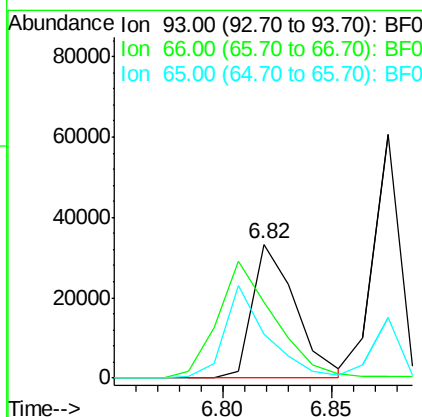
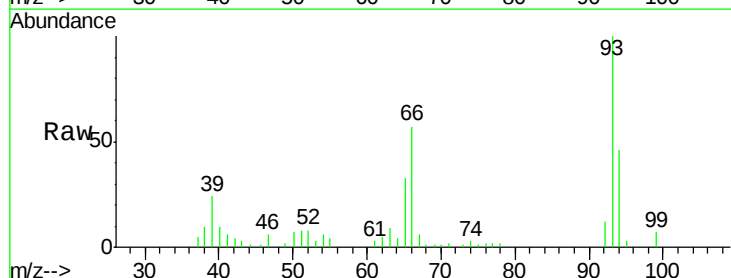
RT: 6.82 min Scan# 414

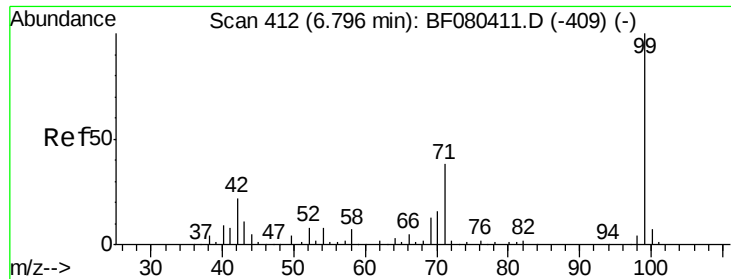
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	46086		
66	57.3	54.8	82.2	
65	33.1	31.4	47.2	





#7

Phenol-d6

Concen: 125.84 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

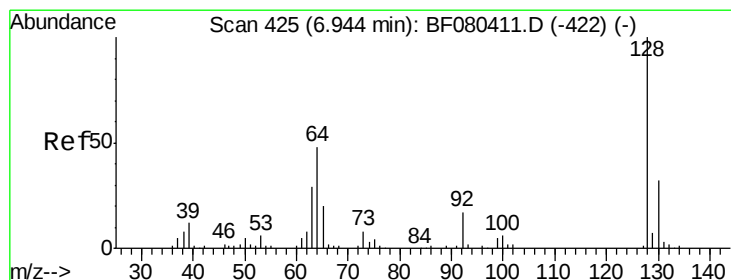
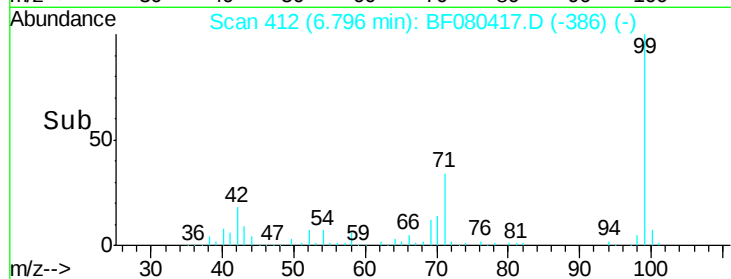
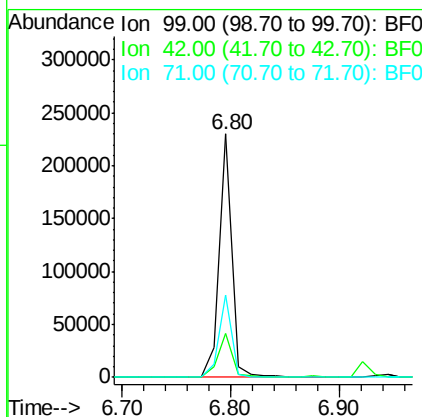
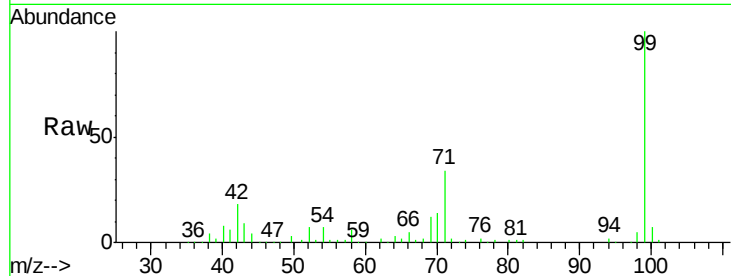
ClientSampleId :

PB84443BS

Tgt Ion:	99	Resp:	189203
Ion Ratio	Lower	Upper	
99	100		
42	18.2	17.9	26.9
71	33.9	30.1	45.1

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#8

2-Chlorophenol

Concen: 37.08 ng

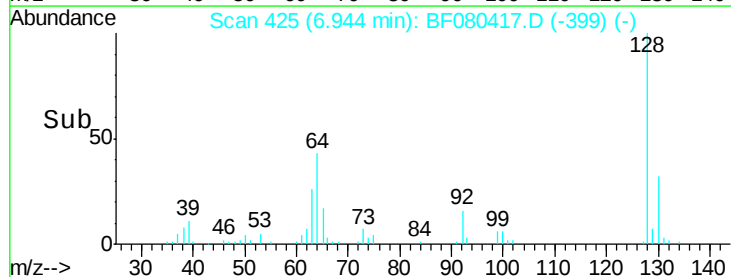
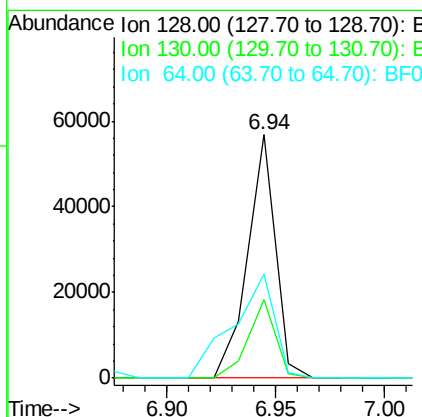
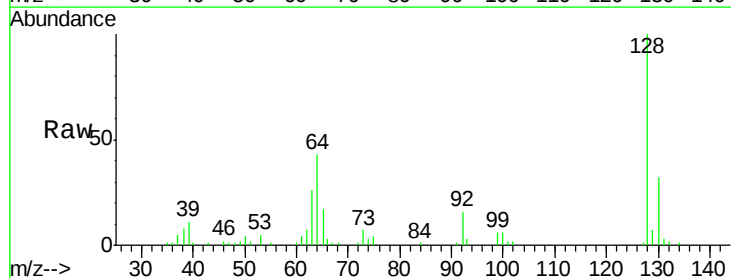
RT: 6.94 min Scan# 425

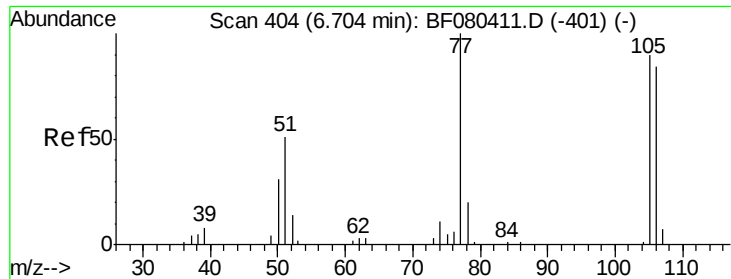
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion:	128	Resp:	50416
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.7	51.7
64	42.8	28.0	68.0





#9

Benzaldehyde

Concen: 25.13 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampled :

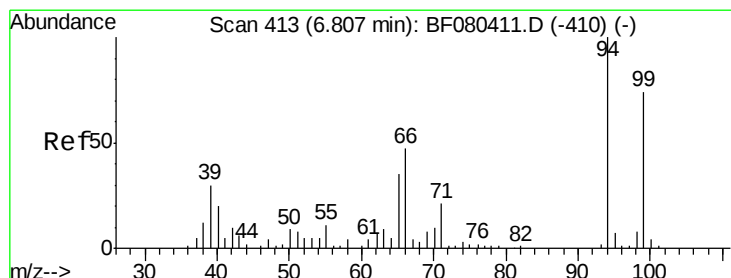
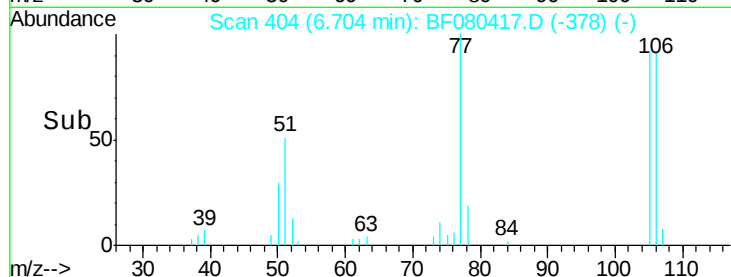
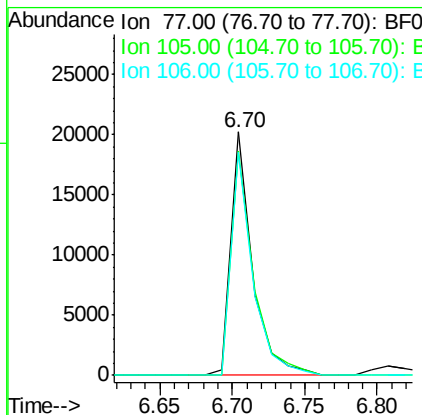
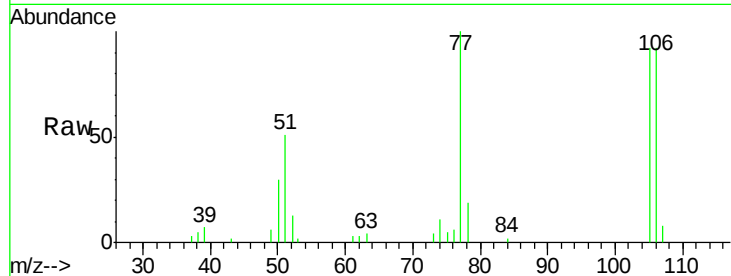
PB84443BS

Manual Integrations
APPROVED

apatel

7/13/2015 3:31:36 PM

Tgt Ion:	77	Resp:	20905
Ion	Ratio	Lower	Upper
77	100		
105	92.4	69.6	109.6
106	91.5	63.6	103.6



#10

Phenol

Concen: 41.41 ng

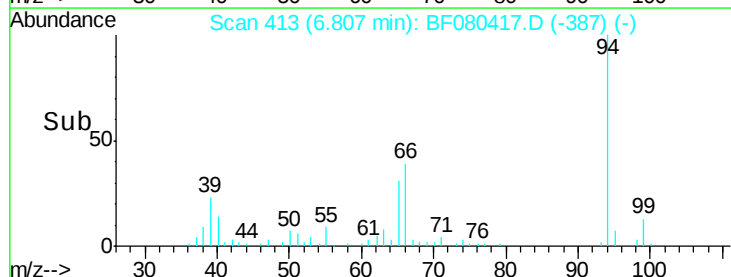
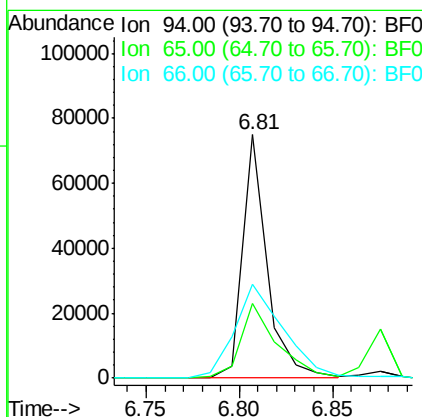
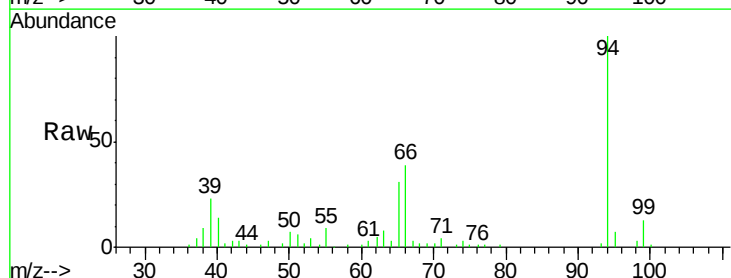
RT: 6.81 min Scan# 413

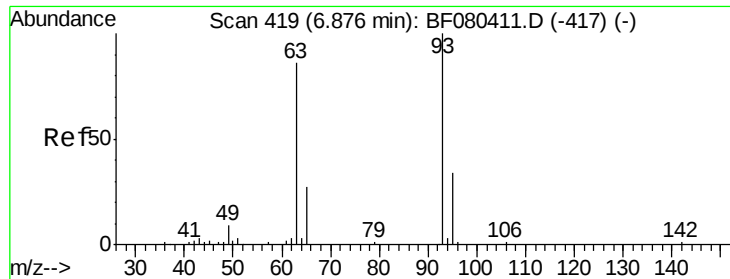
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion:	94	Resp:	68791
Ion	Ratio	Lower	Upper
94	100		
65	30.6	15.0	55.0
66	38.8	27.1	67.1





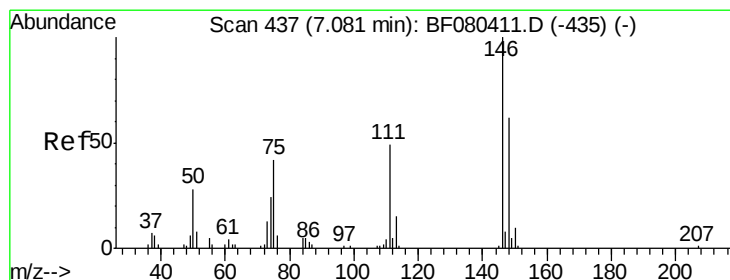
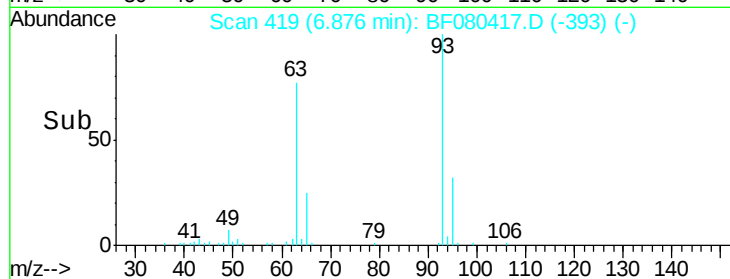
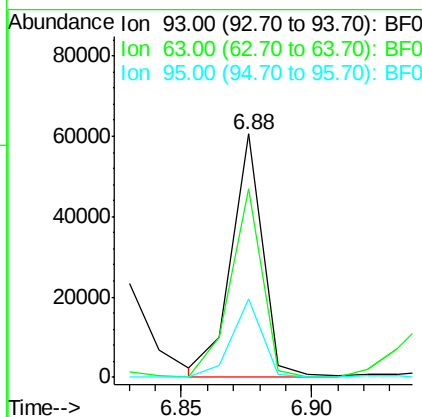
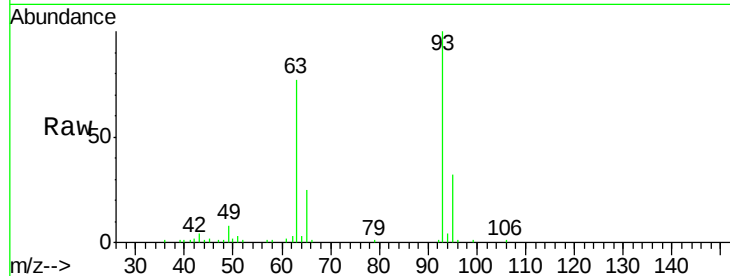
#11
bis(2-Chloroethyl)ether
Concen: 37.39 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	51139		
63	77.2	62.9	102.9	
95	32.0	12.2	52.2	

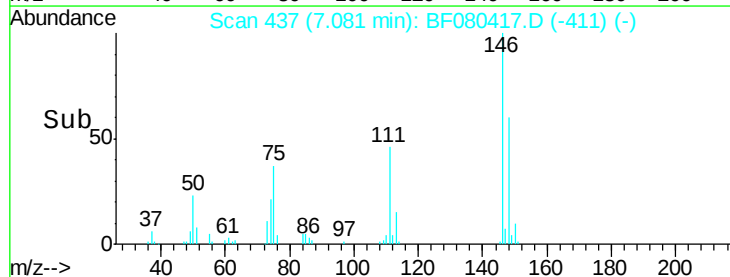
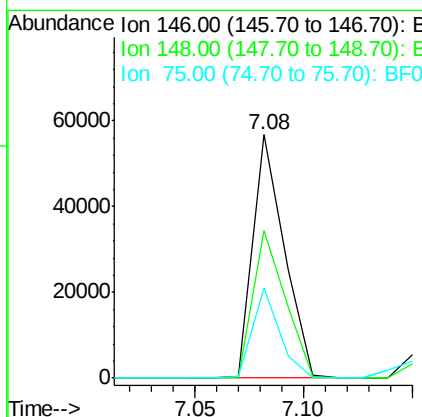
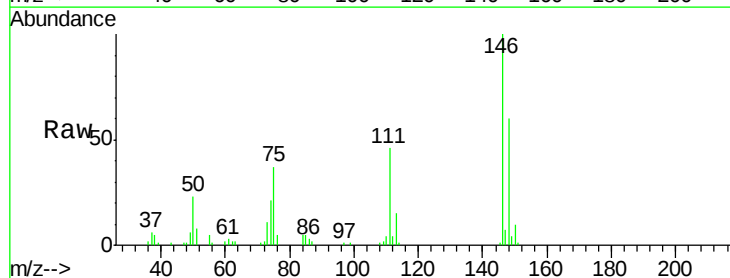
Manual Integrations
APPROVED

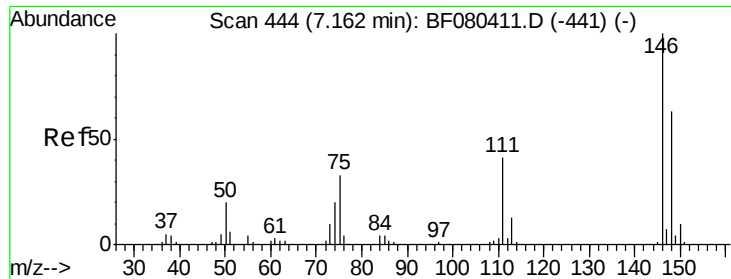
apatel
7/13/2015 3:31:36 PM



#12
1,3-Dichlorobenzene
Concen: 37.01 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	56906		
148	60.4	49.5	74.3	
75	36.8	33.4	50.2	





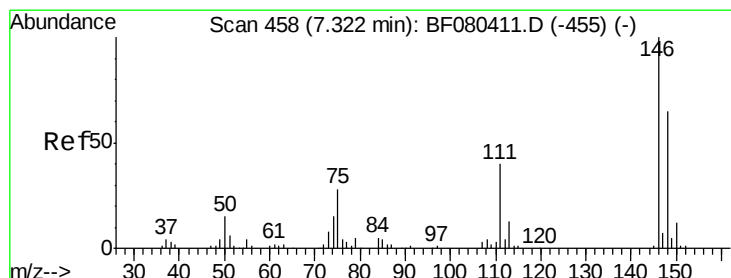
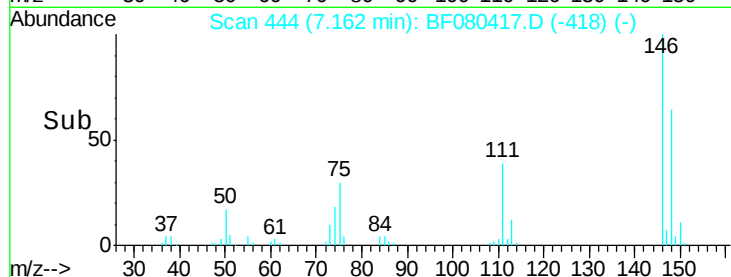
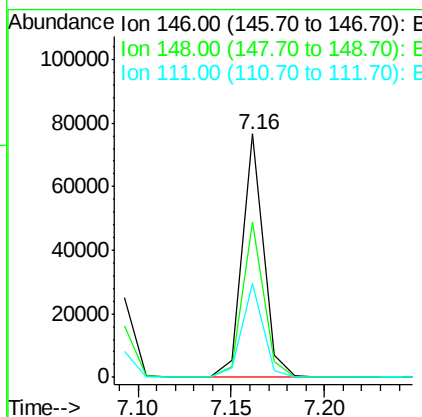
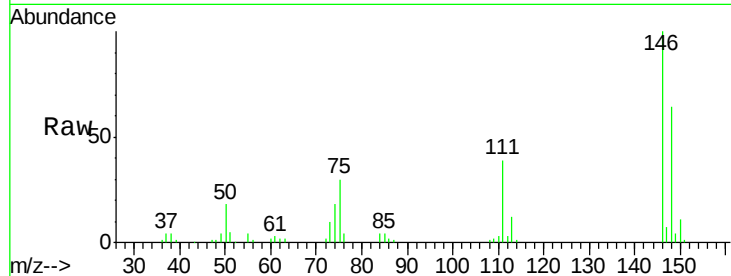
#13
 1,4-Dichlorobenzene
 Concen: 35.36 ng
 RT: 7.16 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampled :
 PB84443BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	38.7	33.1	49.7

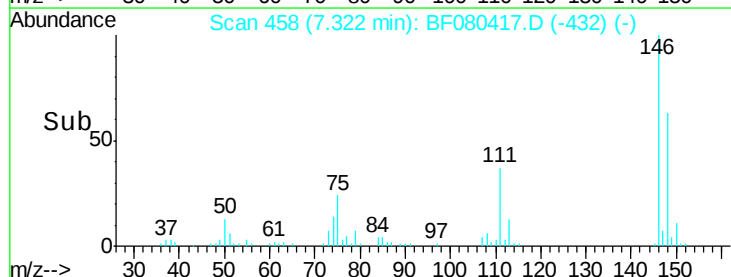
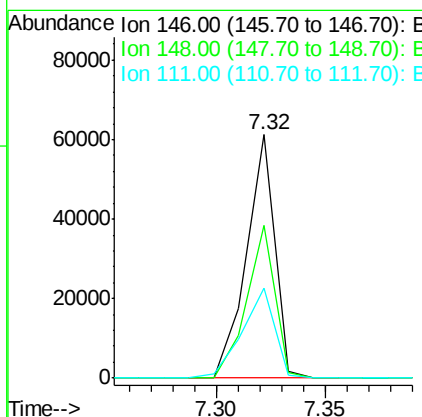
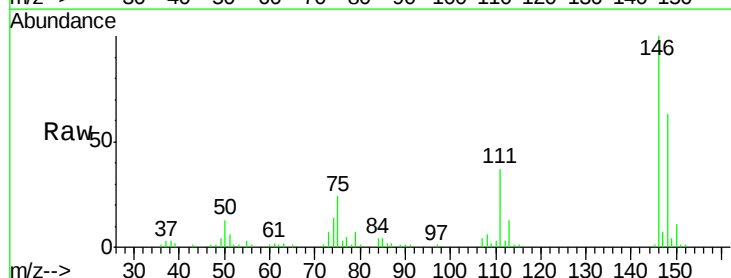
Manual Integrations
 APPROVED

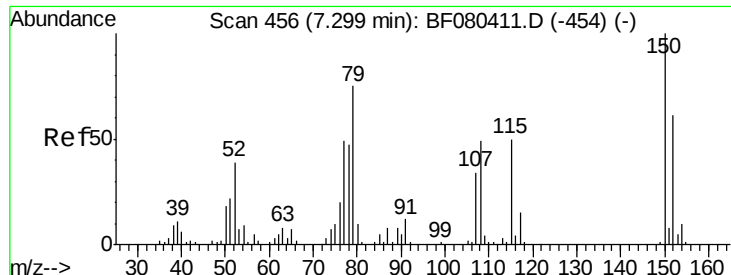
apatel
 7/13/2015 3:31:36 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.62 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.4
111	36.8	32.2	48.2





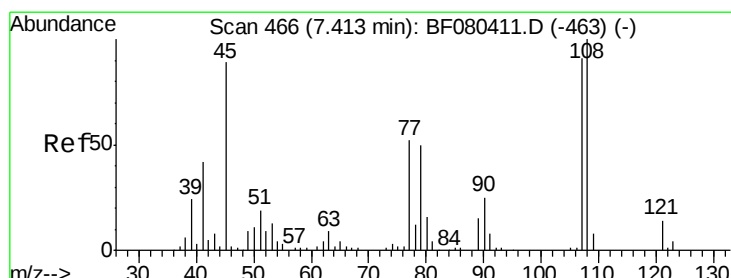
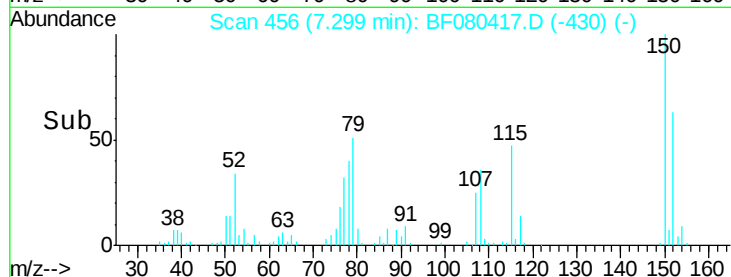
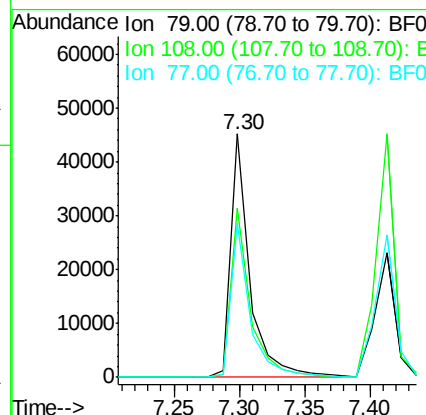
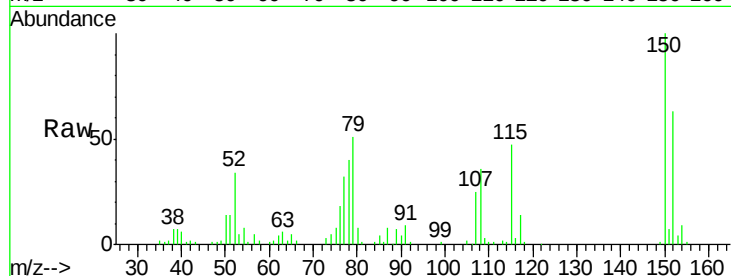
#15
Benzyl Alcohol
Concen: 37.41 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleID :
PB84443BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.6	51.6	77.4
77	63.5	52.2	78.2

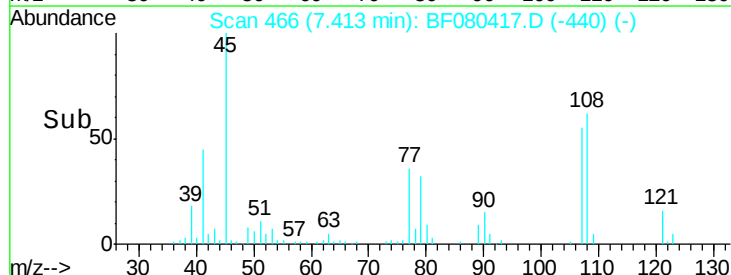
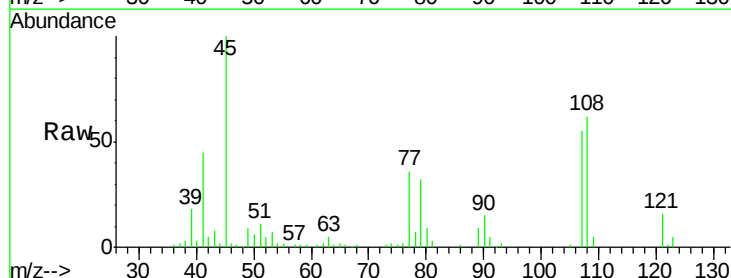
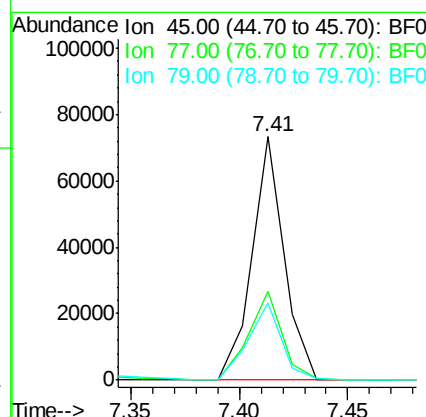
Manual Integrations
APPROVED

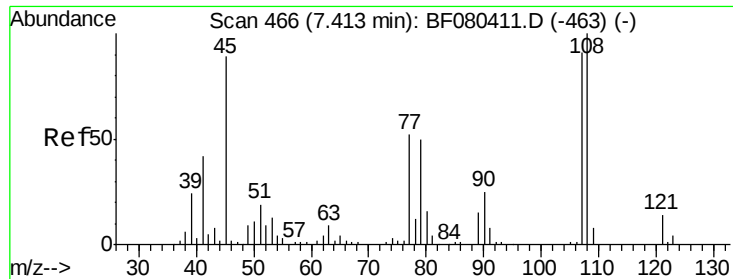
apatel
7/13/2015 3:31:36 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.05 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.2	39.1	79.1#
79	31.7	37.2	77.2#





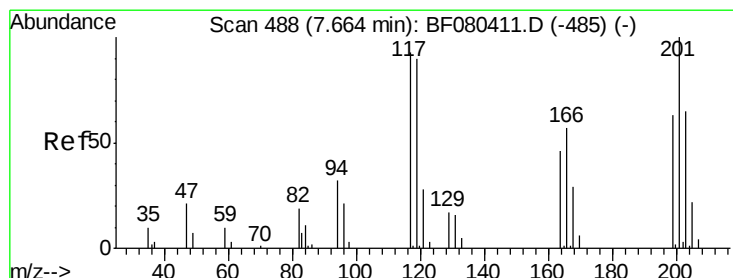
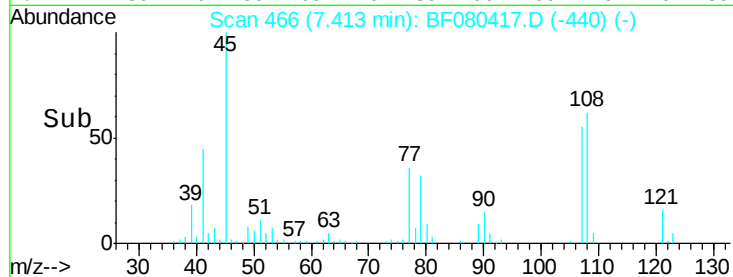
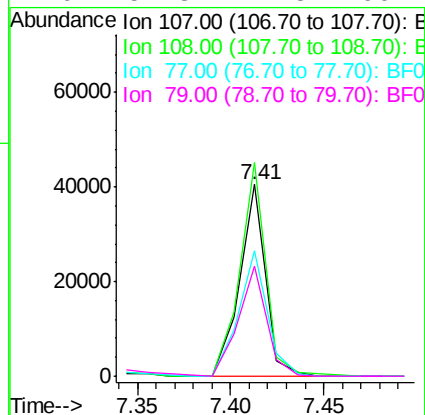
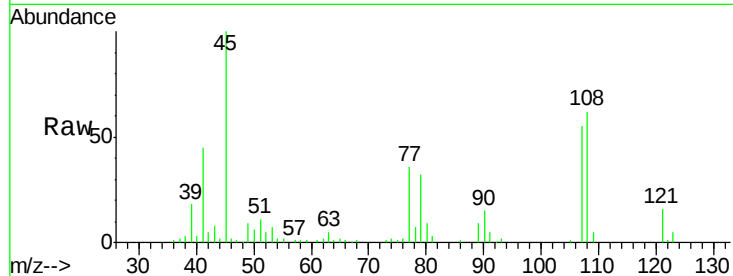
#17
2-Methylphenol
Concen: 33.08 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion:	107	Resp:	39083
Ion Ratio	Lower	Upper	
107	100		
108	111.4	88.0	132.0
77	65.6	45.9	68.9
79	57.3	44.5	66.7

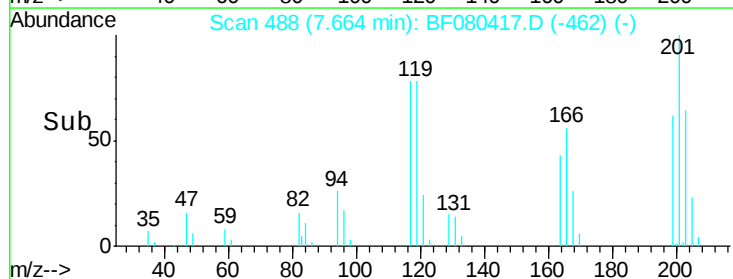
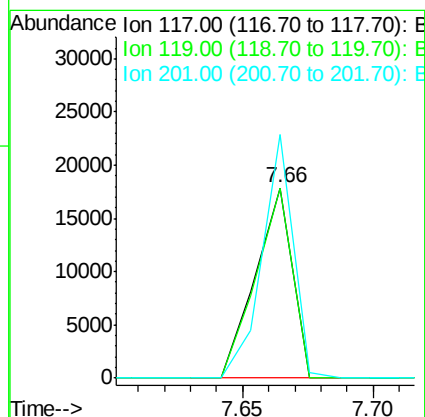
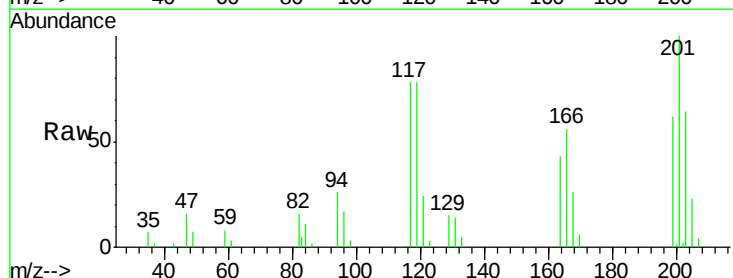
Manual Integrations
APPROVED

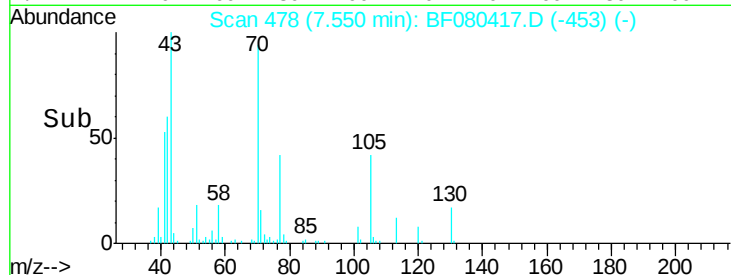
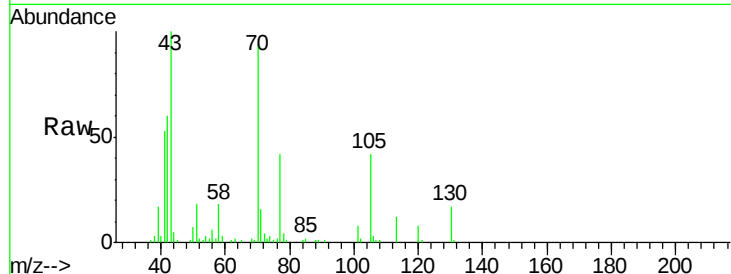
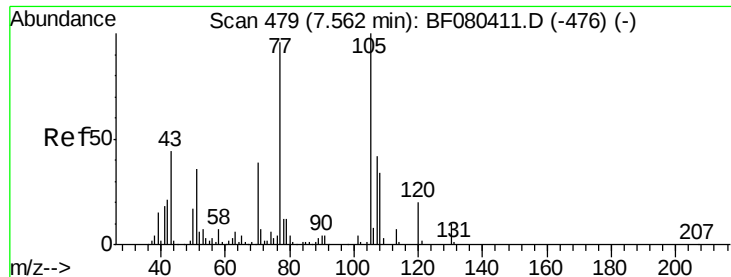
apatel
7/13/2015 3:31:36 PM



#18
Hexachloroethane
Concen: 33.26 ng
RT: 7.66 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion:	117	Resp:	17793
Ion Ratio	Lower	Upper	
117	100		
119	99.6	78.1	117.1
201	128.0	86.5	129.7





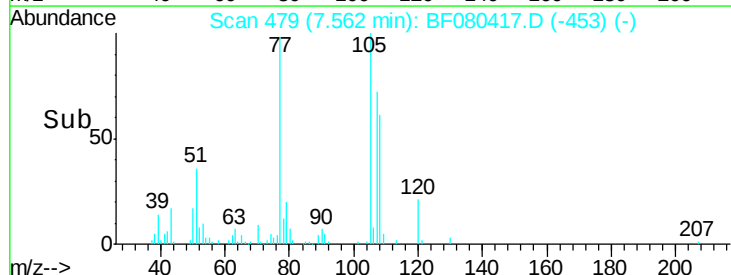
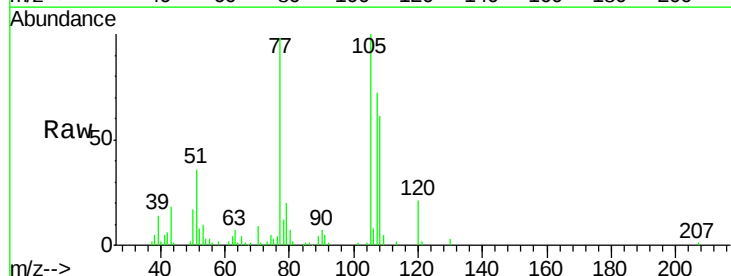
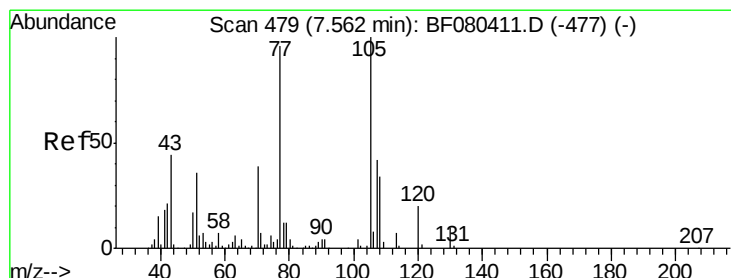
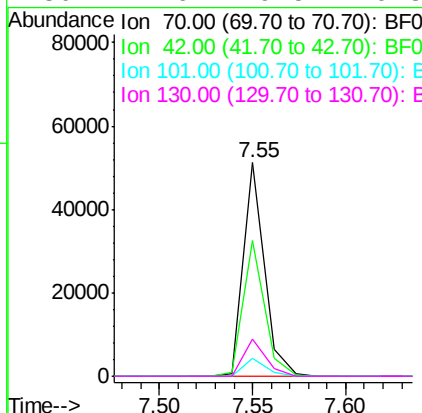
#19
n-Nitroso-di-n-propylamine
Concen: 39.32 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	63.4	43.4	65.0
101	8.3	9.0	13.6#
130	17.6	19.5	29.3#

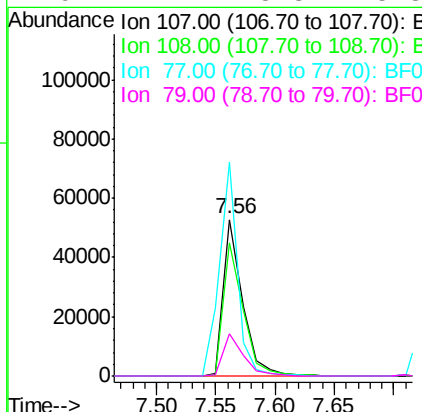
Manual Integrations
APPROVED

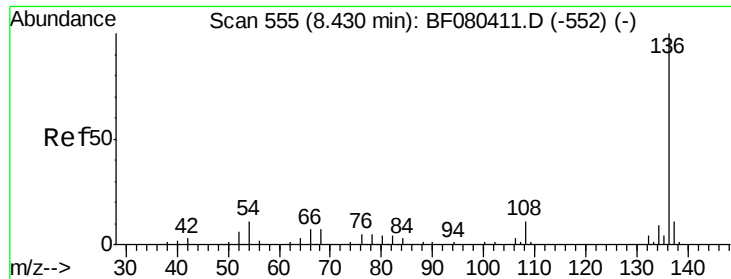
apatel
7/13/2015 3:31:36 PM



#20
3+4-Methylphenols
Concen: 39.77 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	84.9	60.8	100.8
77	136.7	207.5	247.5#
79	27.4	8.3	48.3





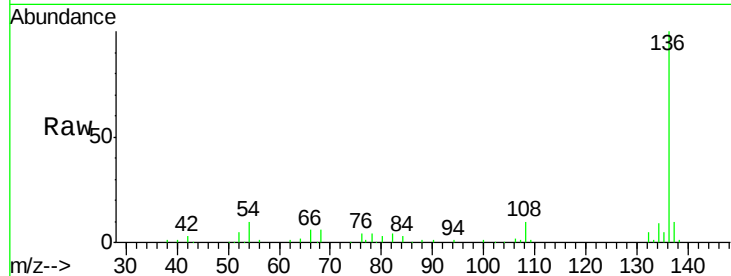
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	85076		
137	10.5	9.0	13.4	
54	9.7	9.1	13.7	
68	6.3	5.9	8.9	

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



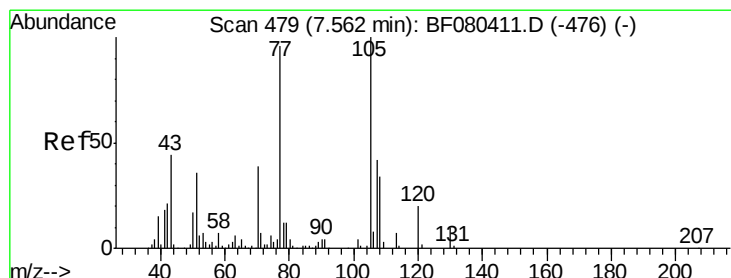
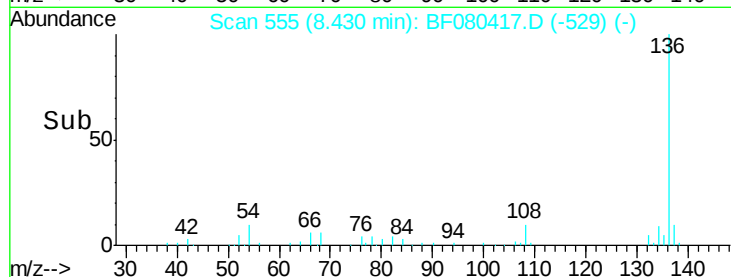
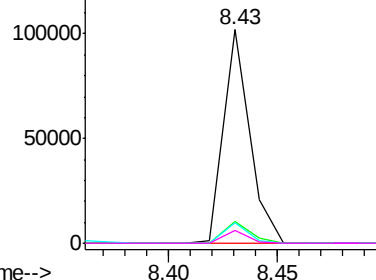
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.21 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	69757		
71	1.3	5.2	7.8#	
51	35.7	28.7	43.1	
120	21.1	16.4	24.6	

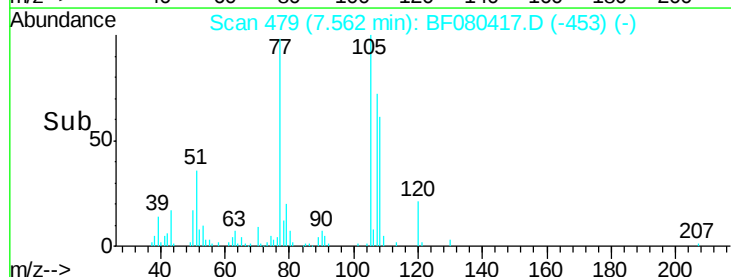
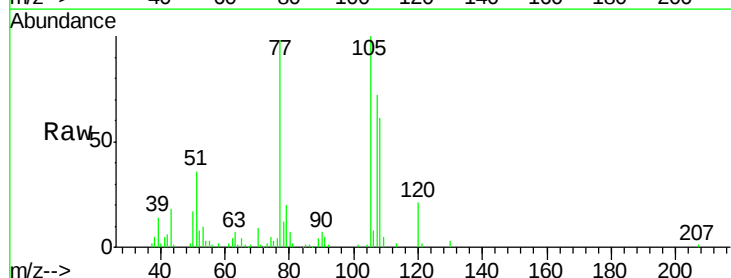
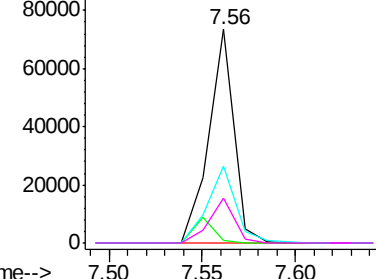
Abundance

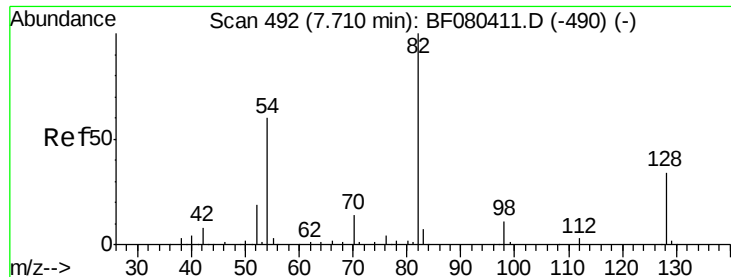
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





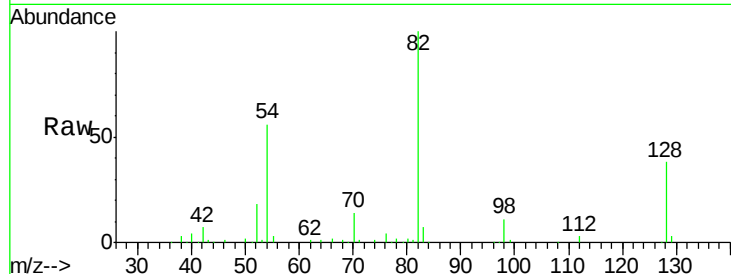
#23
 Nitrobenzene-d5
 Concen: 74.51 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

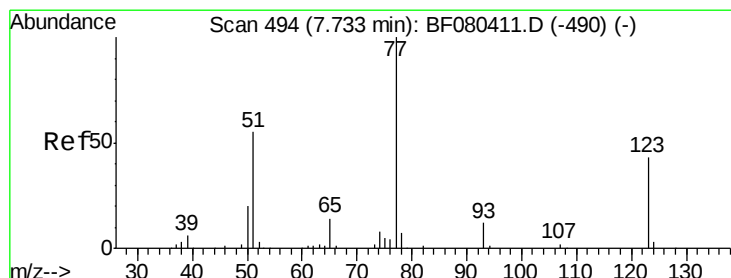
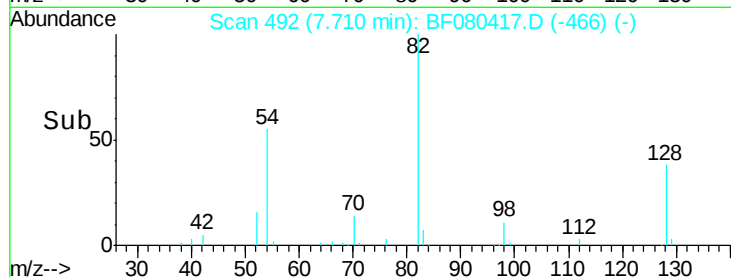
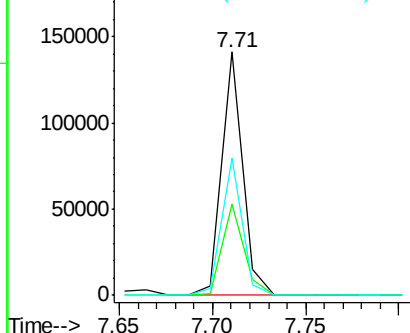
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	111141		
128	37.6	26.9	40.3	
54	56.2	47.7	71.5	

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:31:36 PM

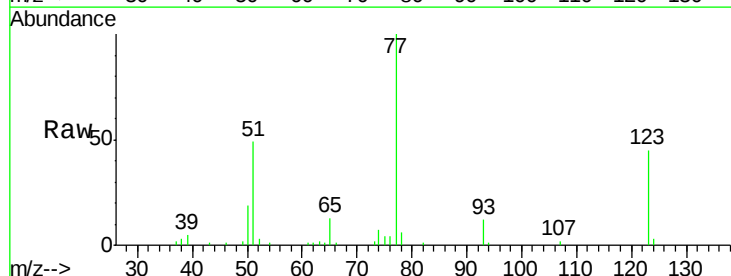


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

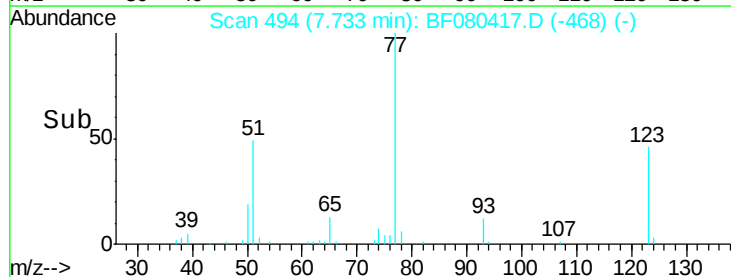
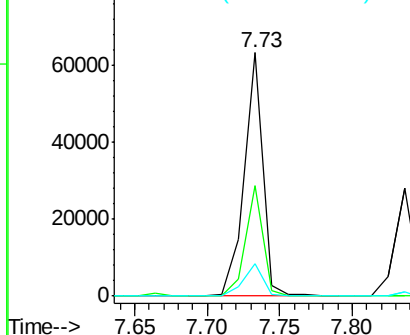


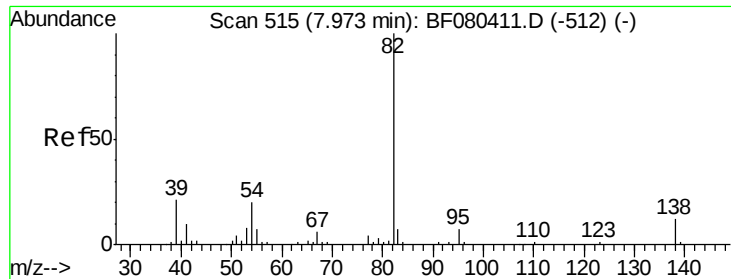
#24
 Nitrobenzene
 Concen: 34.08 ng
 RT: 7.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	56244		
123	45.3	34.0	51.0	
65	13.2	11.2	16.8	



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





#25

Isophorone

Concen: 39.49 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

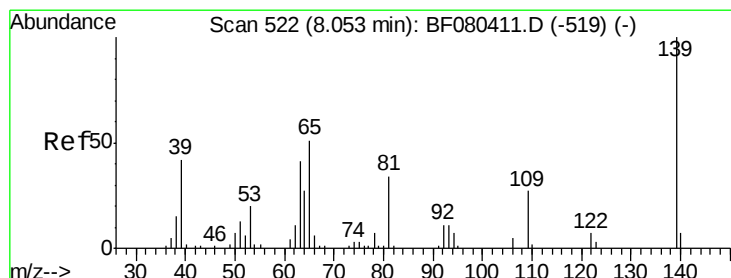
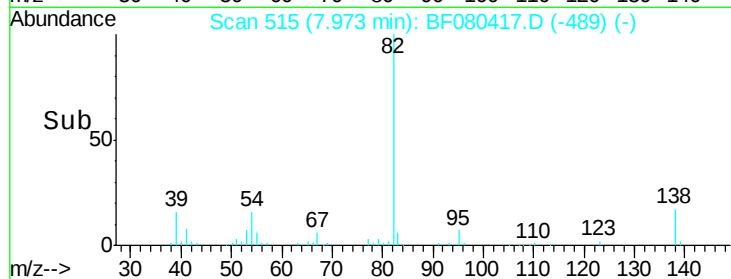
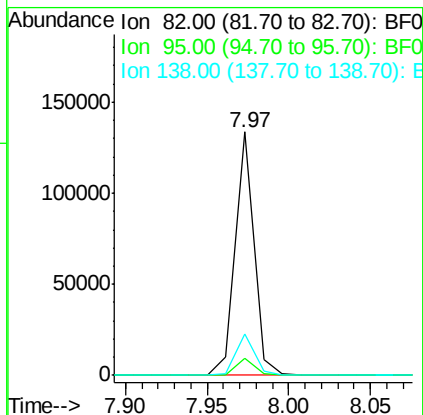
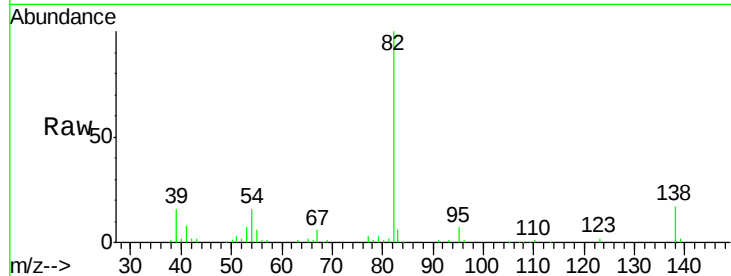
ClientSampleId :

PB84443BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.1	9.5	14.3#

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#26

2-Nitrophenol

Concen: 32.37 ng

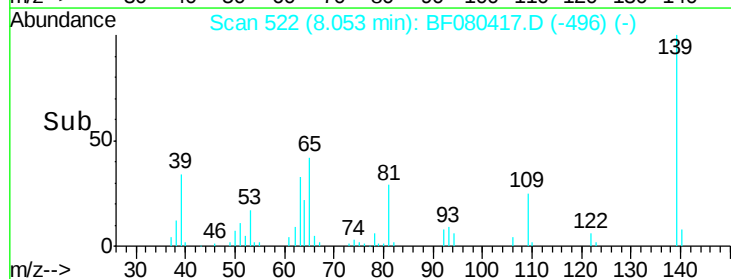
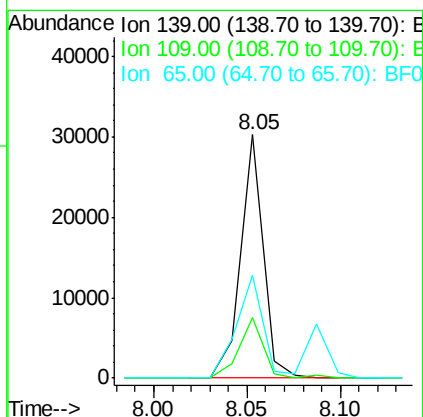
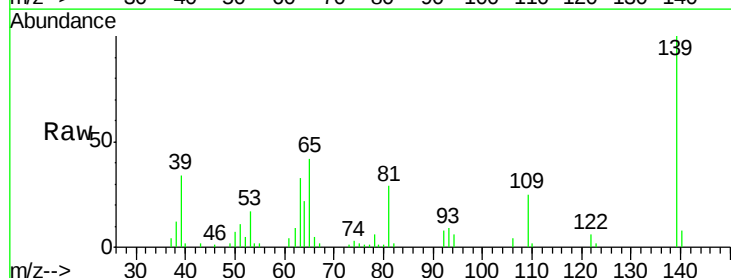
RT: 8.05 min Scan# 522

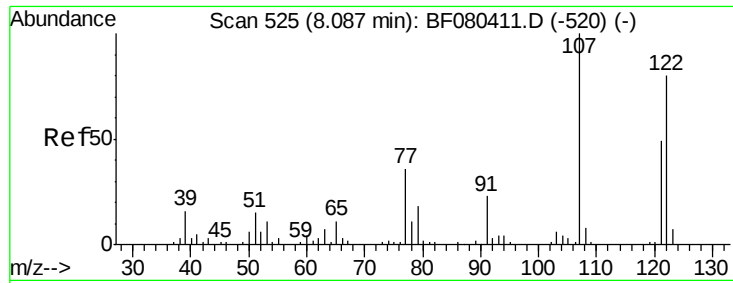
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	24.9	21.7	32.5
65	42.1	40.5	60.7





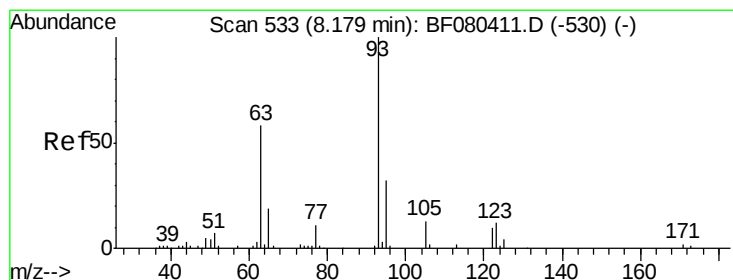
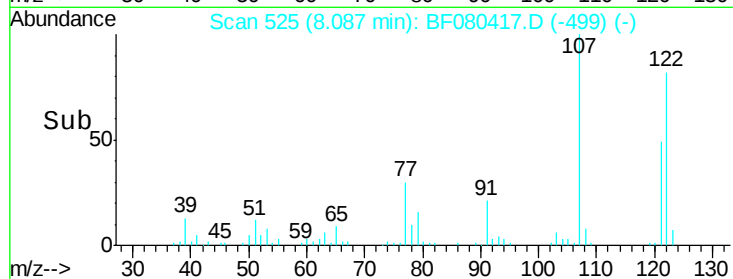
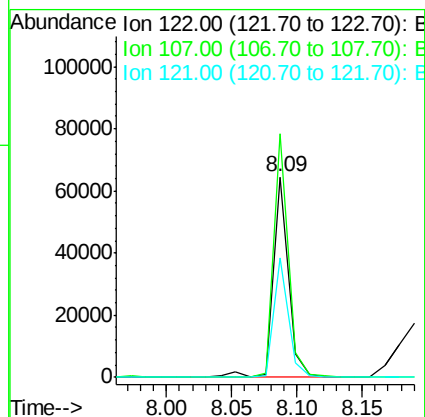
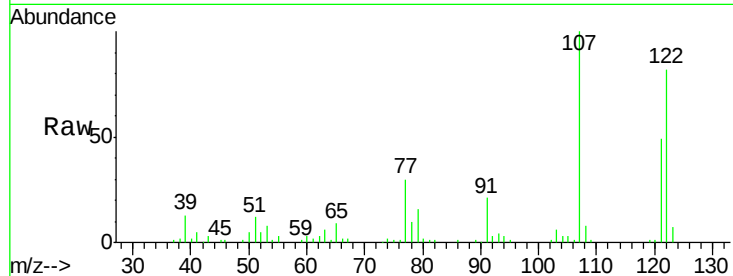
#27
 2,4-Dimethylphenol
 Concen: 41.87 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampled :
 PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	52209		
107	121.6	99.5	149.3	
121	59.7	48.4	72.6	

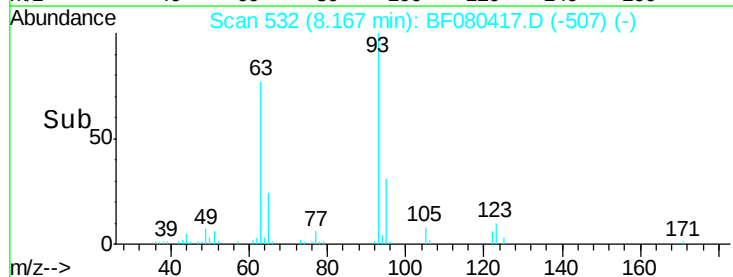
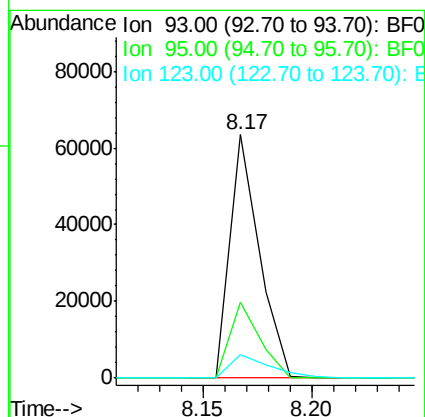
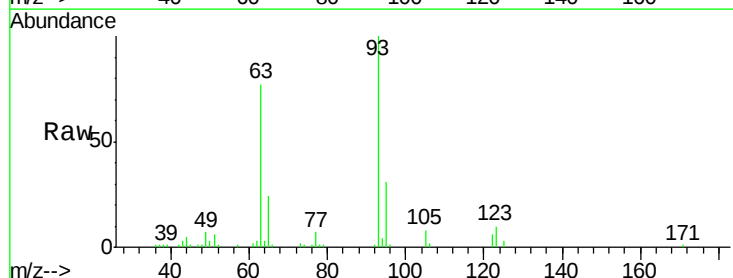
Manual Integrations
 APPROVED

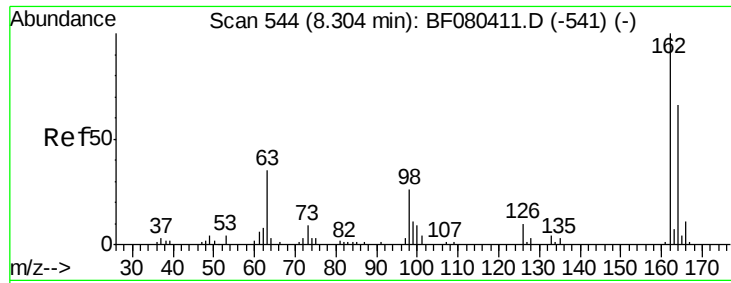
apatel
 7/13/2015 3:31:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.74 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	59433		
95	31.1	25.8	38.8	
123	9.6	9.7	14.5	





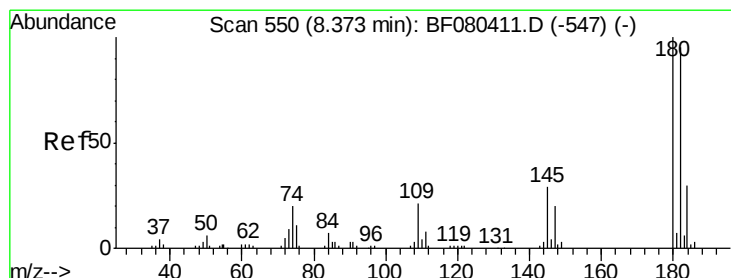
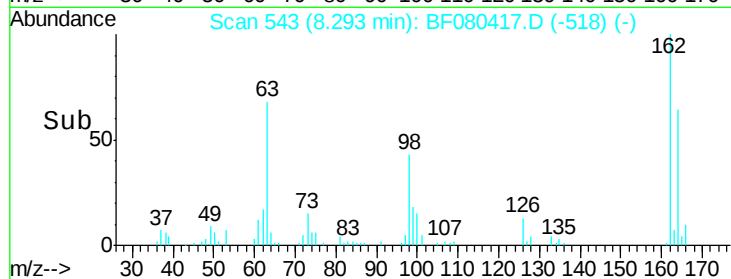
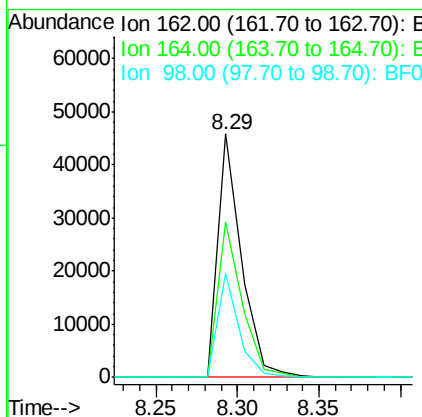
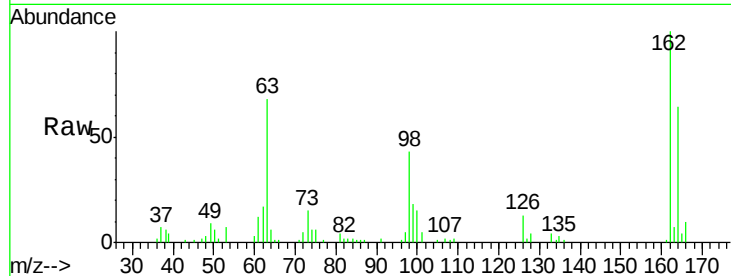
#29
 2,4-Dichlorophenol
 Concen: 39.89 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	45919		
164	63.9	45.5	85.5	
98	43.0	6.3	46.3	

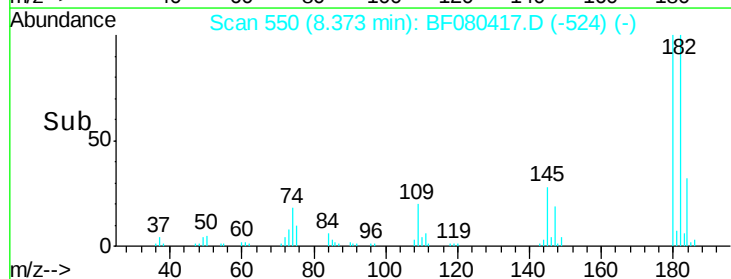
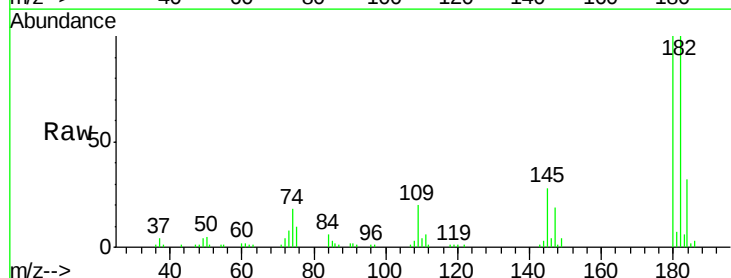
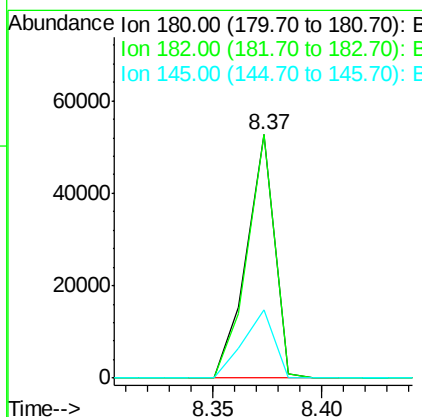
Manual Integrations
 APPROVED

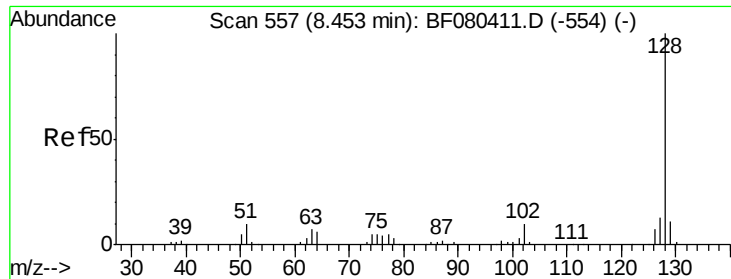
apatel
 7/13/2015 3:31:36 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 31.05 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	47277		
182	99.9	75.6	113.4	
145	27.9	23.3	34.9	





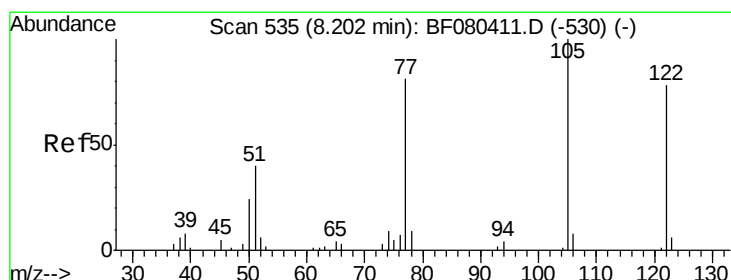
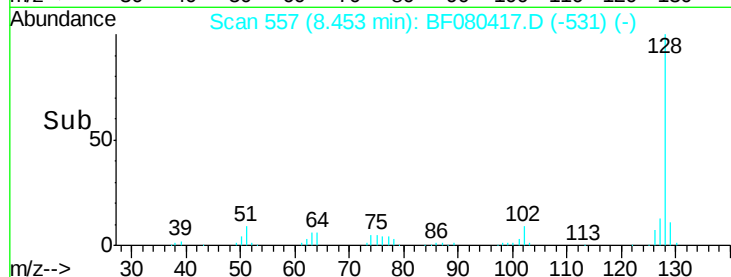
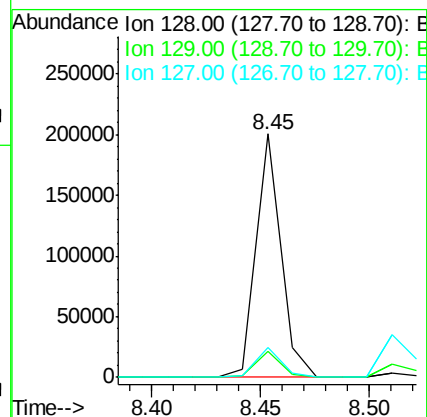
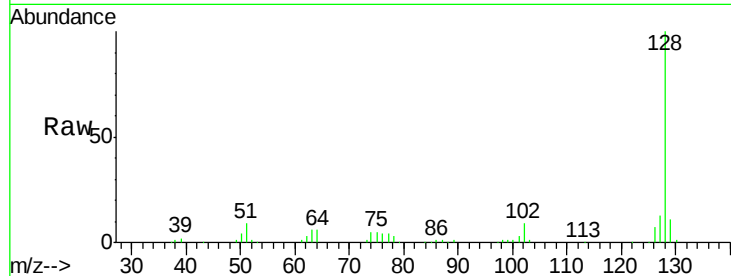
#31
Naphthalene
Concen: 34.26 ng
RT: 8.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampled :
PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.7	9.1	13.7
127	12.5	10.7	16.1

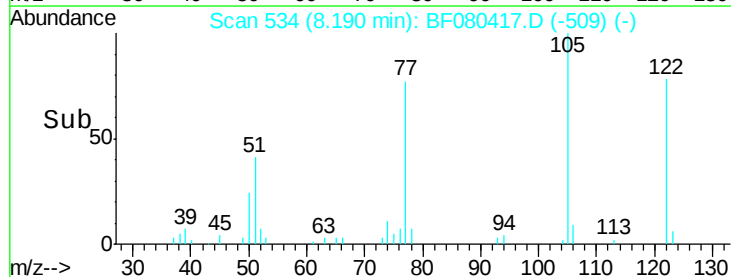
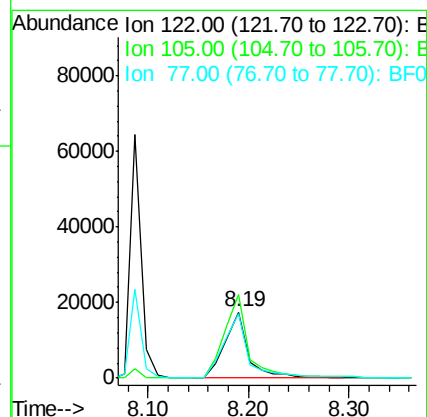
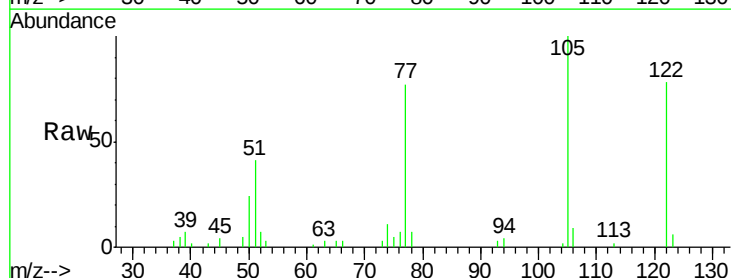
Manual Integrations
APPROVED

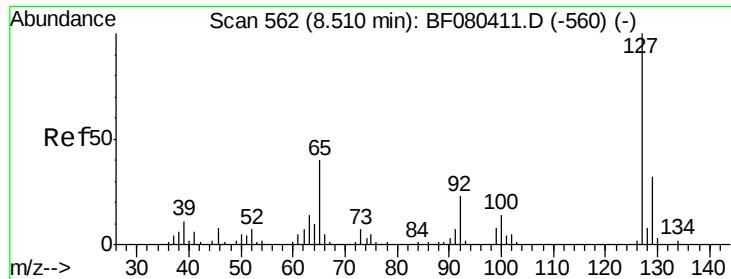
apatel
7/13/2015 3:31:36 PM



#32
Benzoic acid
Concen: 32.84 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

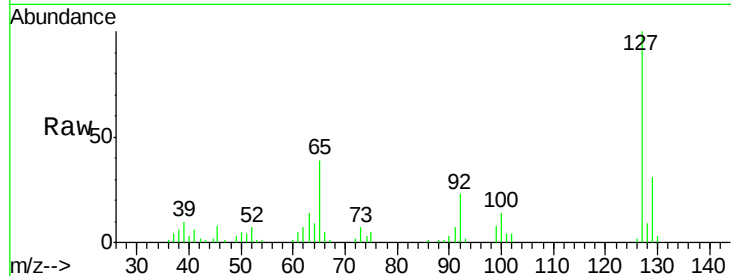
Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	127.7	108.8	148.8
77	98.8	84.2	124.2





#33
 4-Chloroaniline
 Concen: 24.99 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

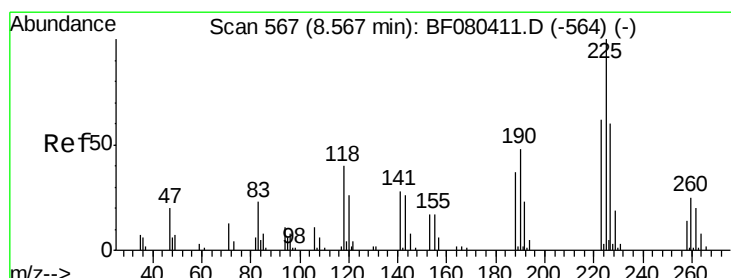
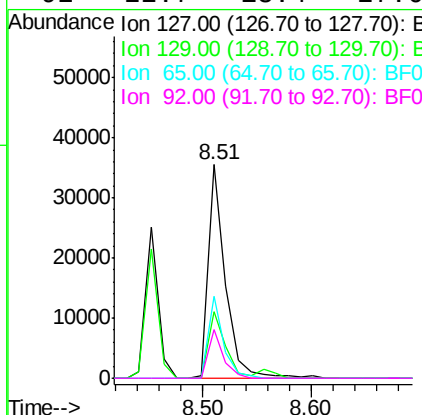
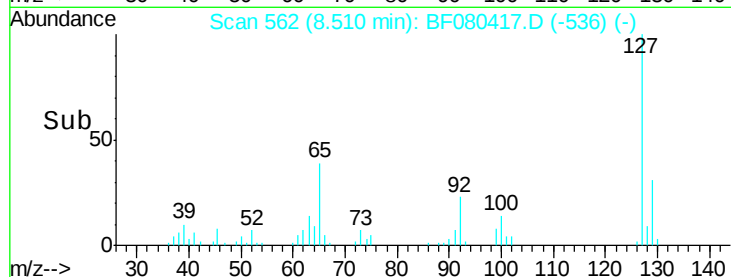
Instrument :
 BNA_F
 ClientSampled :
 PB84443BS



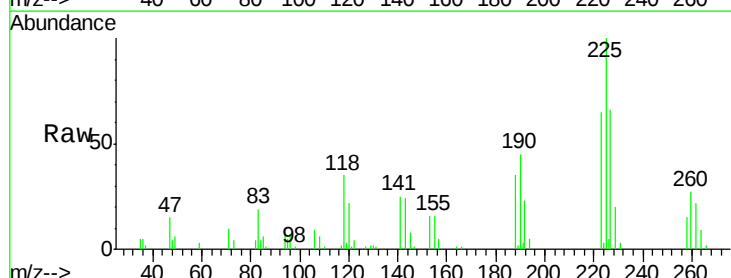
Tgt Ion:	127	Resp:	39411
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.5	38.3
65	38.6	31.8	47.8
92	22.7	18.4	27.6

Manual Integrations
 APPROVED

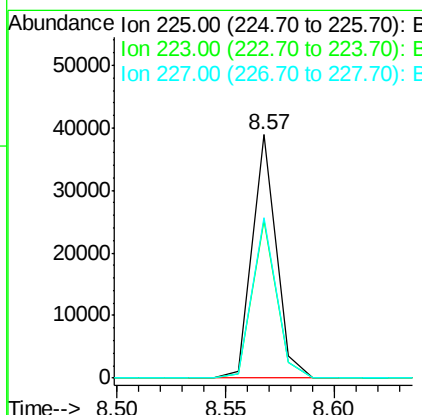
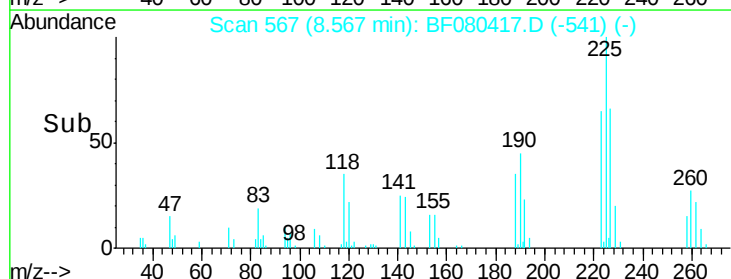
apatel
 7/13/2015 3:31:36 PM

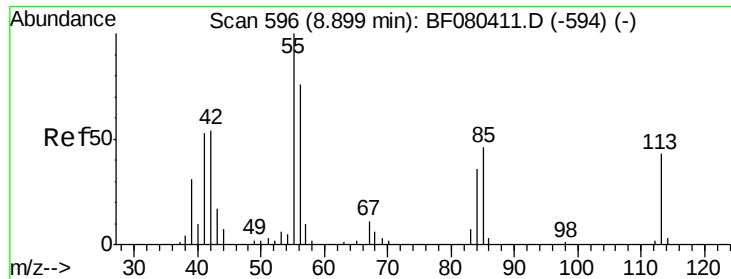


#34
 Hexachlorobutadiene
 Concen: 33.93 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00



Tgt Ion:	225	Resp:	29990
Ion Ratio	Lower	Upper	
225	100		
223	64.7	49.5	74.3
227	65.8	48.0	72.0





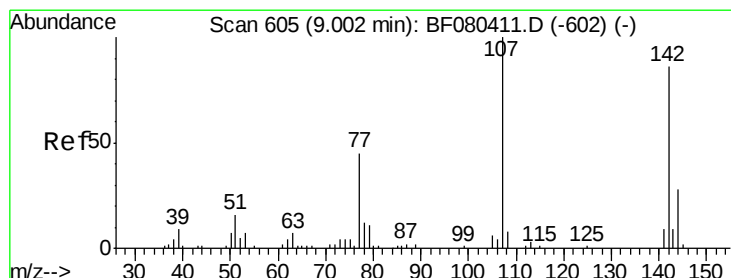
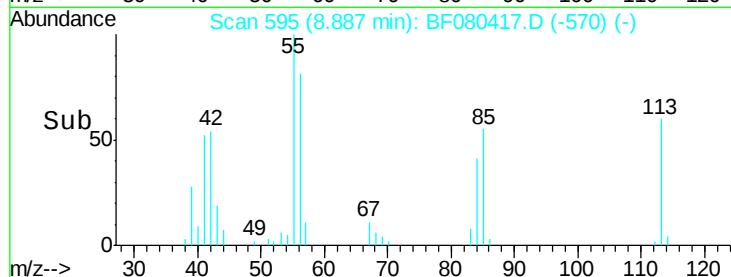
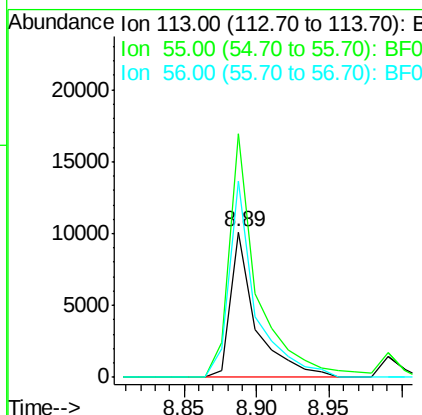
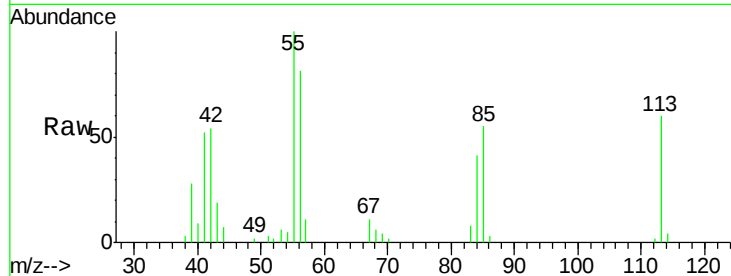
#35
 Caprolactam
 Concen: 37.14 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	12227		
55	167.8	214.2	254.2#	
56	135.3	156.9	196.9#	

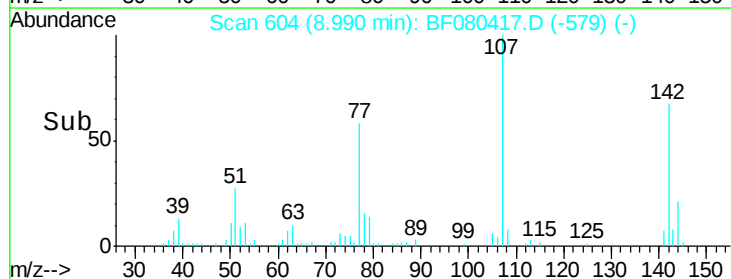
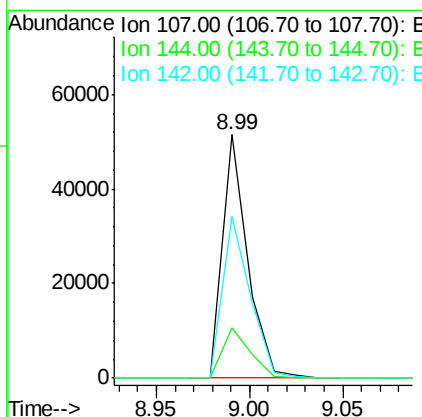
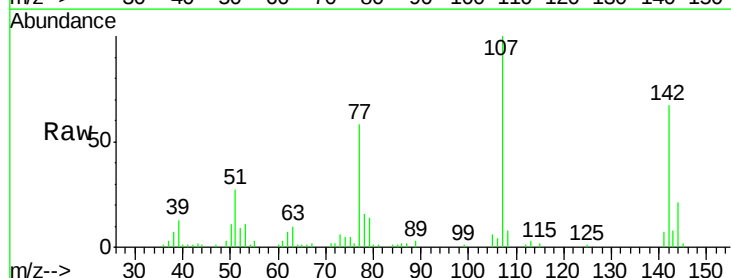
Manual Integrations
 APPROVED

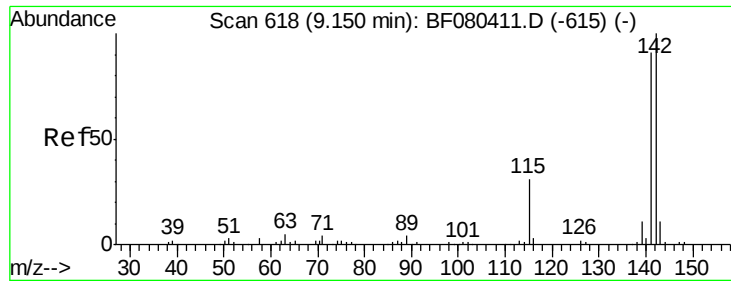
apatel
 7/13/2015 3:31:36 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.93 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	48675		
144	20.9	22.6	34.0#	
142	66.7	68.7	103.1#	





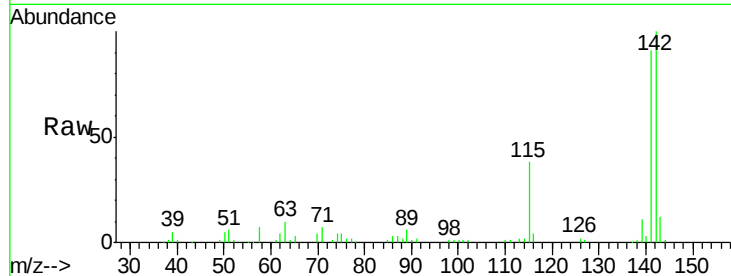
#37
 2-Methylnaphthalene
 Concen: 32.69 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampled :
 PB84443BS

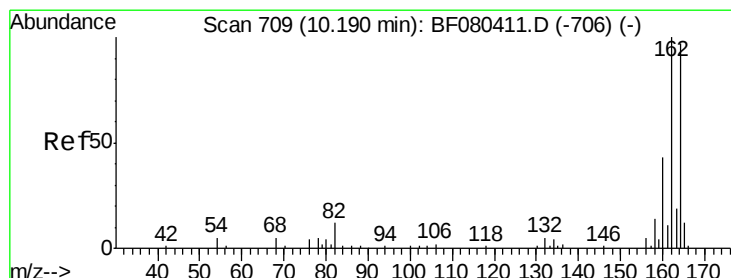
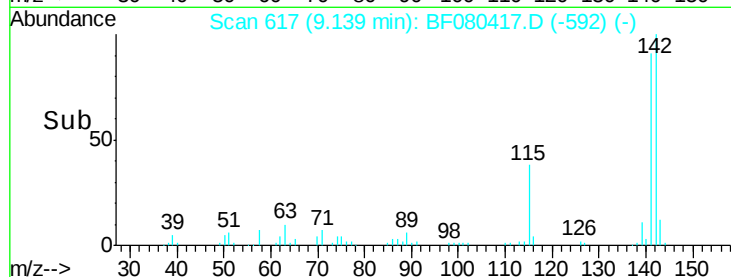
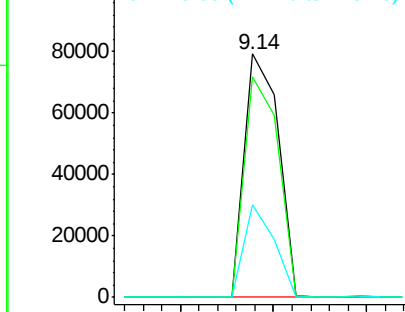
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	100389		
141	90.8	73.0	109.4	
115	37.8	25.0	37.4#	

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:31:36 PM

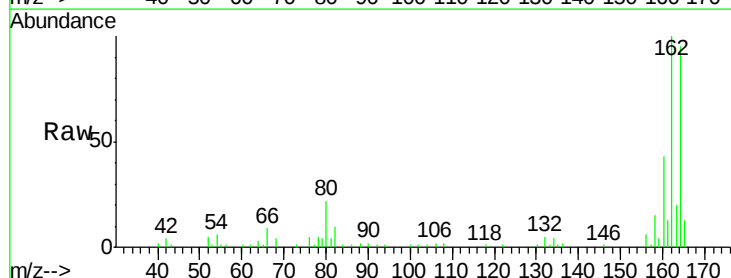


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

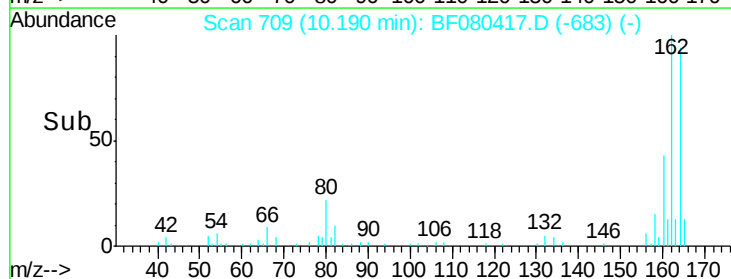
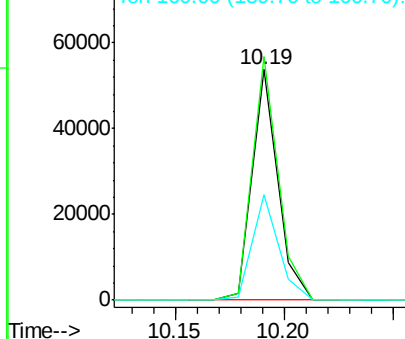


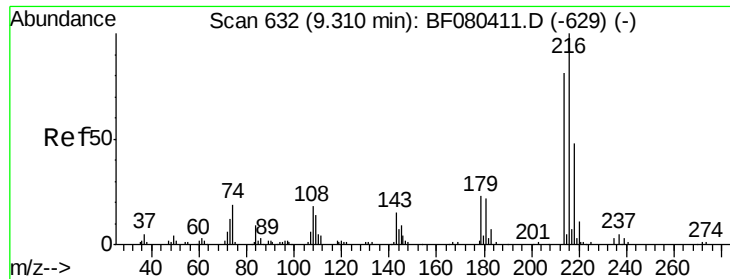
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43924		
162	105.7	82.7	124.1	
160	45.5	35.5	53.3	



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.15 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF080417.D

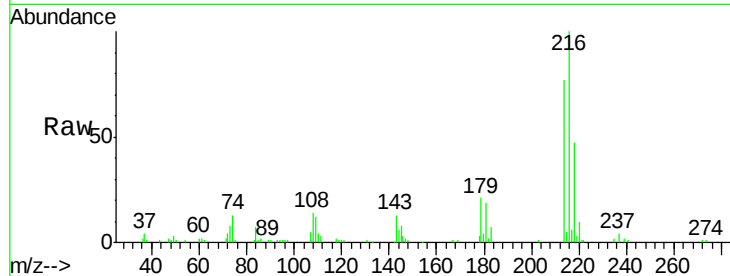
Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampled :

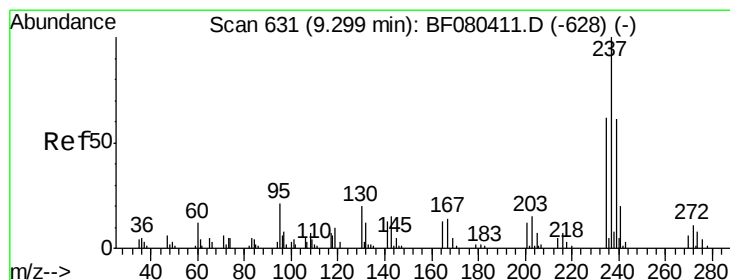
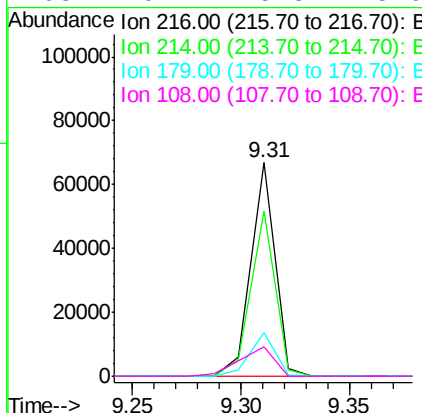
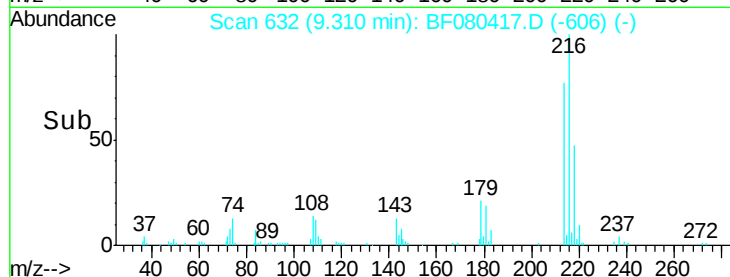
PB84443BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	64.6	97.0
179	21.3	17.9	26.9
108	19.7	15.8	23.6

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#40

Hexachlorocyclopentadiene

Concen: 79.82 ng

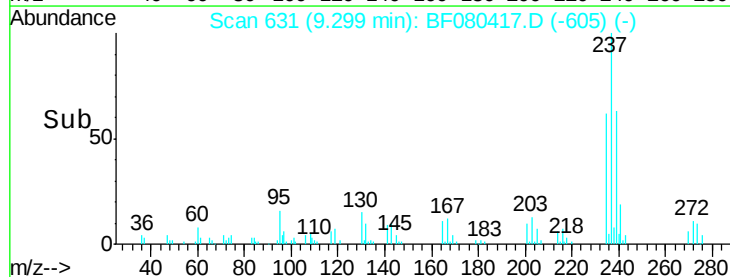
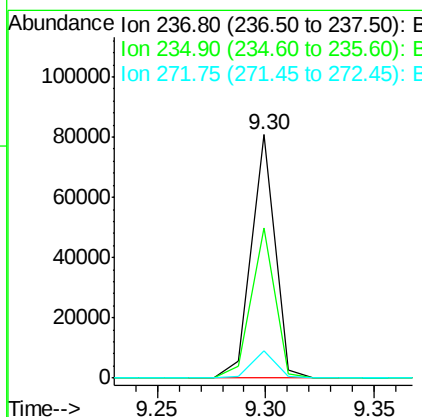
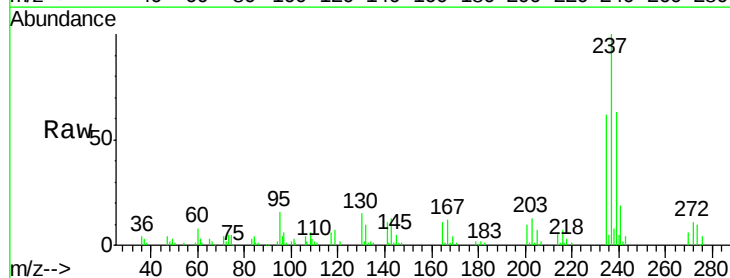
RT: 9.30 min Scan# 631

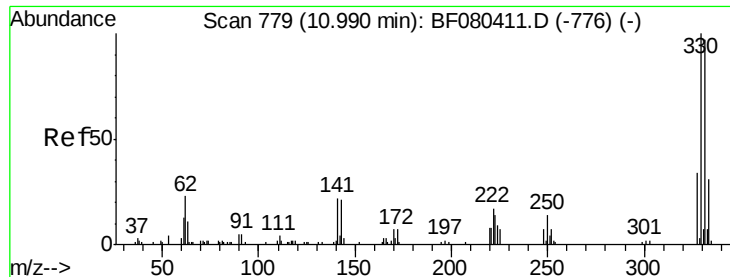
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.4	82.4
272	11.4	0.0	31.4





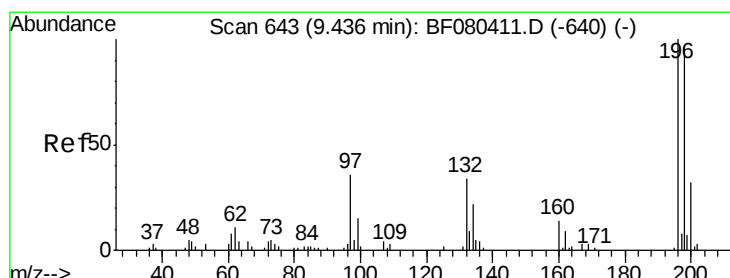
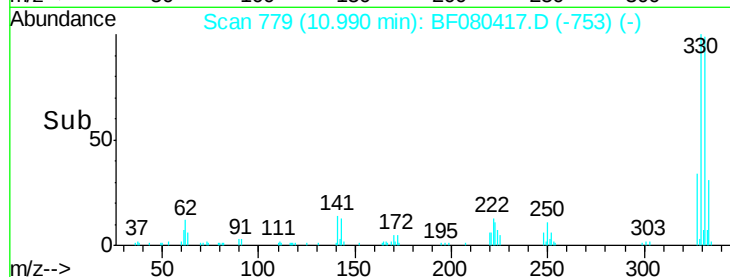
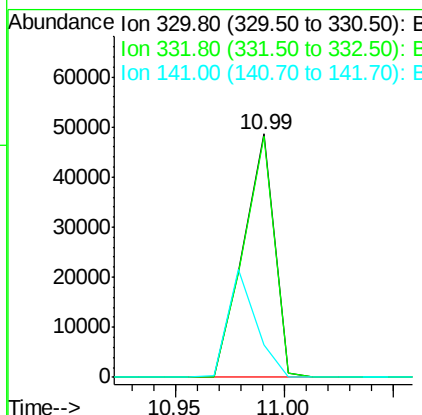
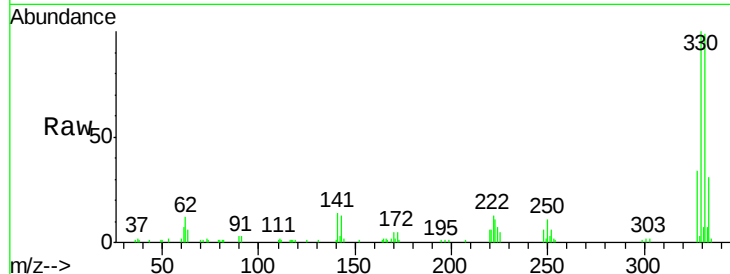
#41
 2,4,6-Tribromophenol
 Concen: 112.82 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	48364		
332	98.6	78.0	117.0	
141	40.4	28.6	43.0	

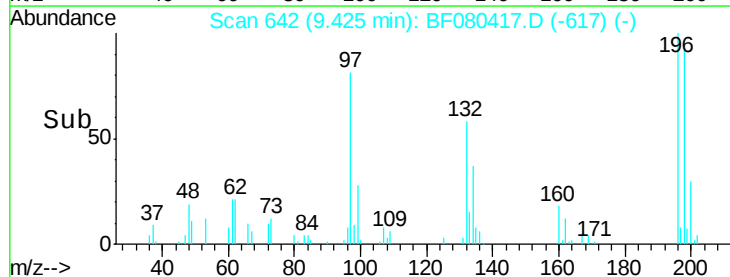
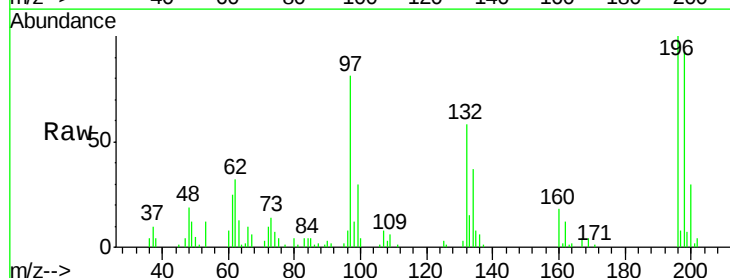
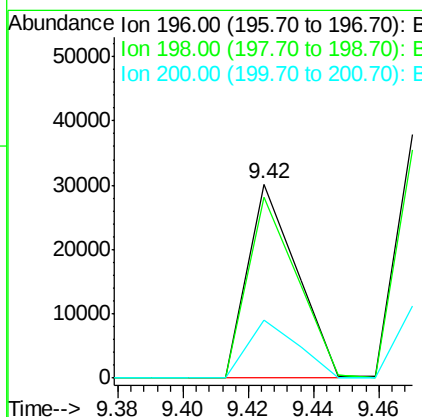
Manual Integrations
 APPROVED

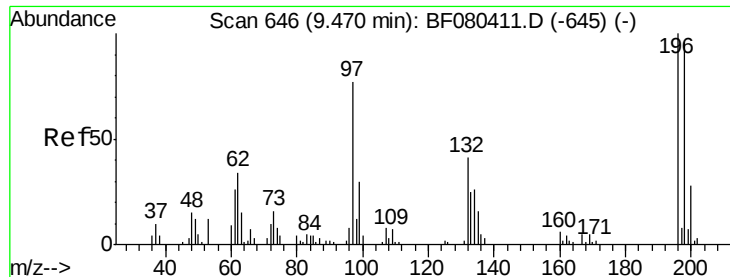
apatel
 7/13/2015 3:31:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.93 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

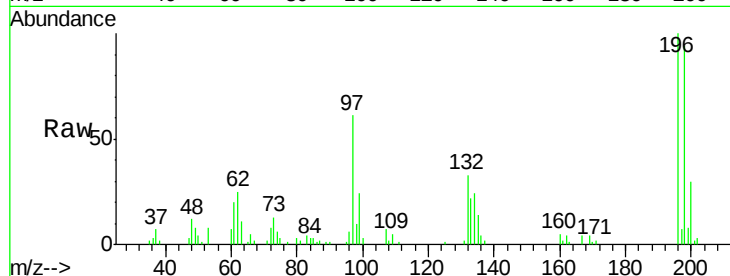
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	31257		
198	93.1	77.4	116.2	
200	30.1	25.8	38.6	





#43
 2,4,5-Trichlorophenol
 Concen: 39.53 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

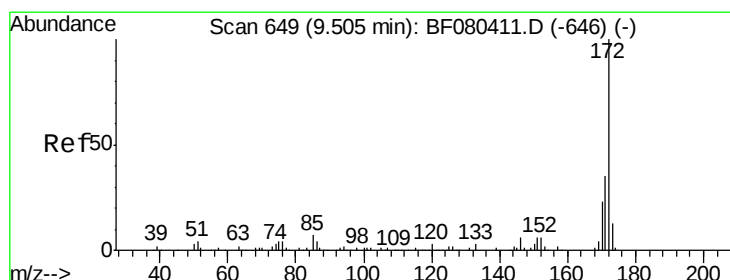
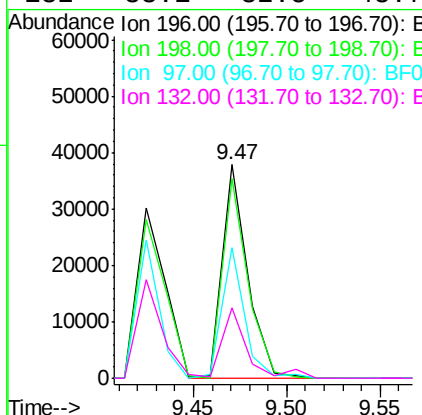
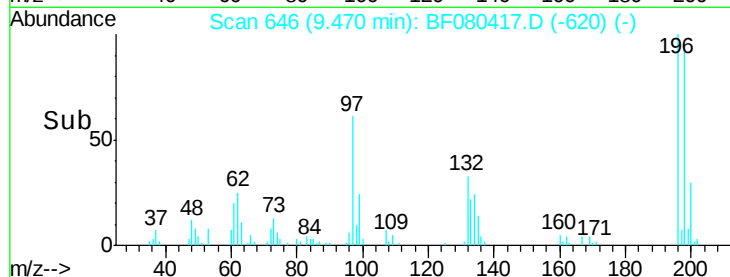
Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35911		
198	93.6	76.1	114.1	
97	61.3	62.2	93.2#	
132	33.1	32.5	48.7	

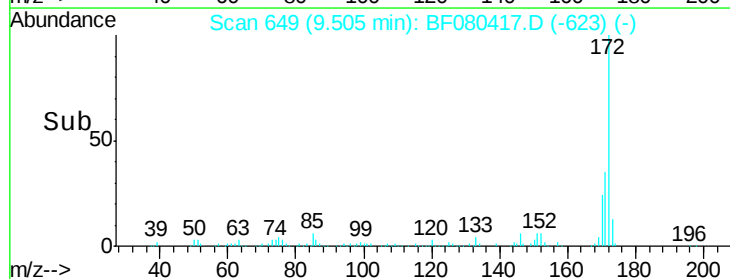
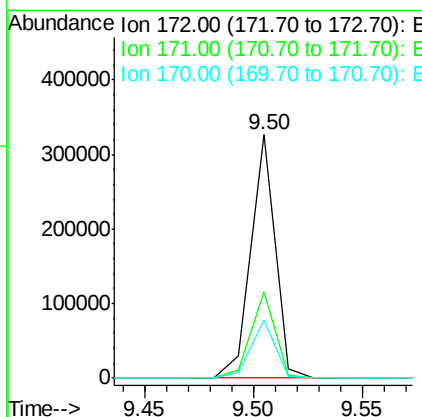
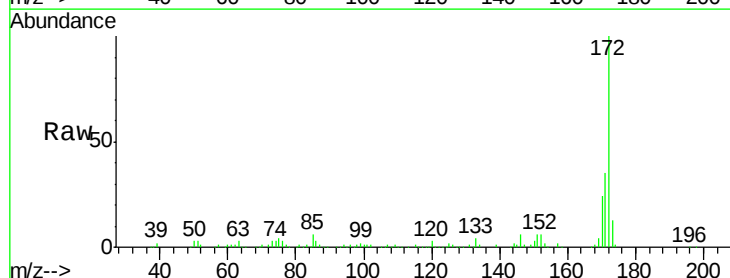
Manual Integrations
 APPROVED

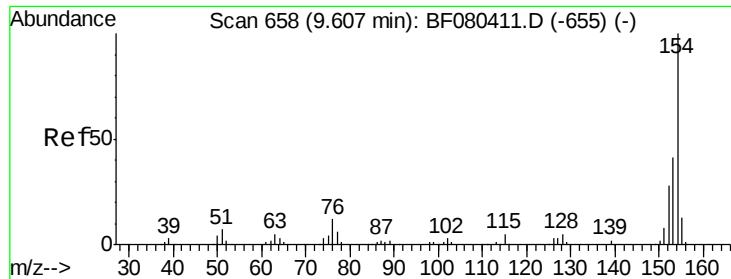
apatel
 7/13/2015 3:31:36 PM



#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	252745		
171	35.3	28.4	42.6	
170	23.7	18.6	28.0	





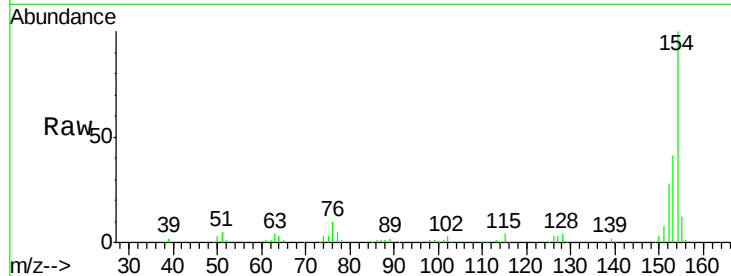
#45
 1,1'-Biphenyl
 Concen: 36.51 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

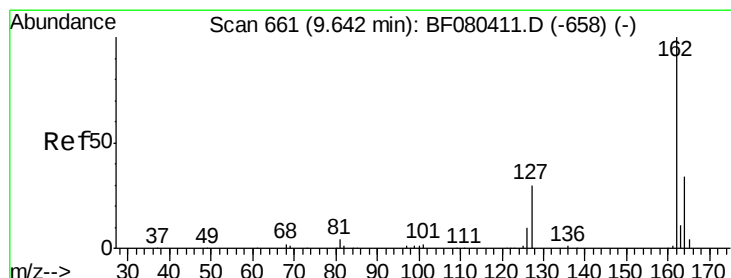
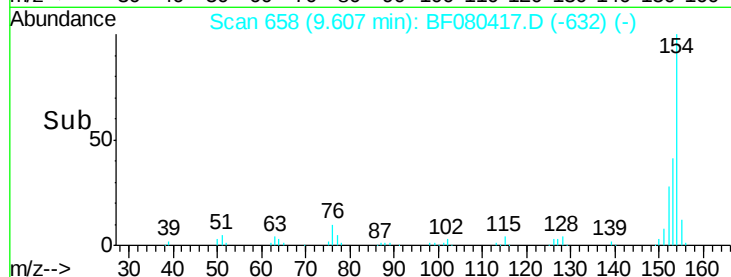
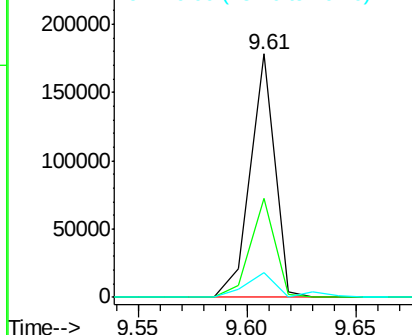
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.6	20.6	60.6
76	10.4	0.0	32.4

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:31:36 PM

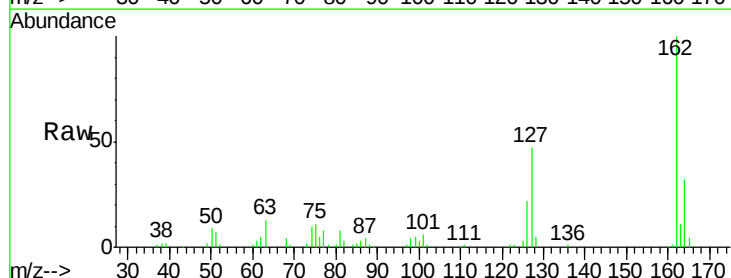


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

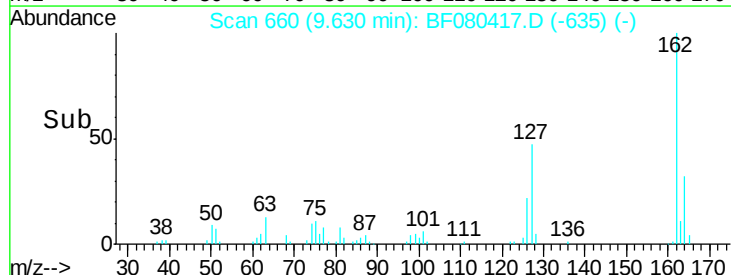
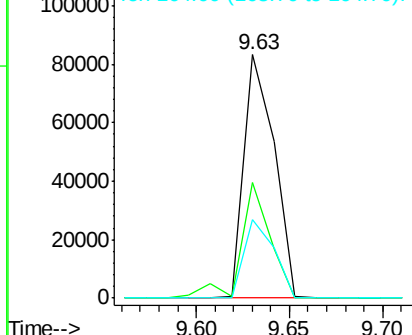


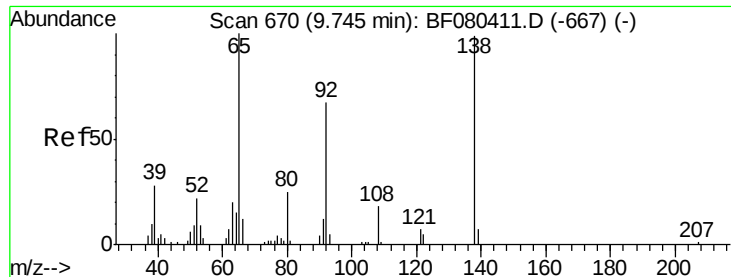
#46
 2-Chloronaphthalene
 Concen: 33.51 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	47.4	28.6	42.8#
164	32.0	27.2	40.8



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





#47

2-Nitroaniline

Concen: 33.18 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

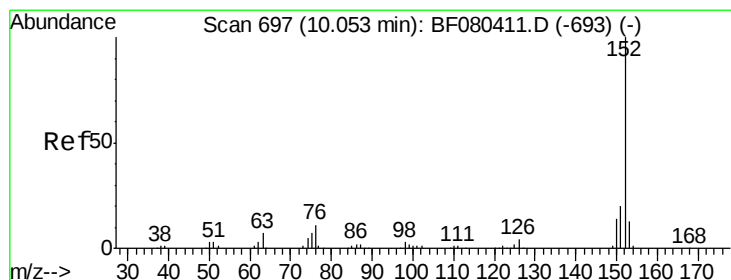
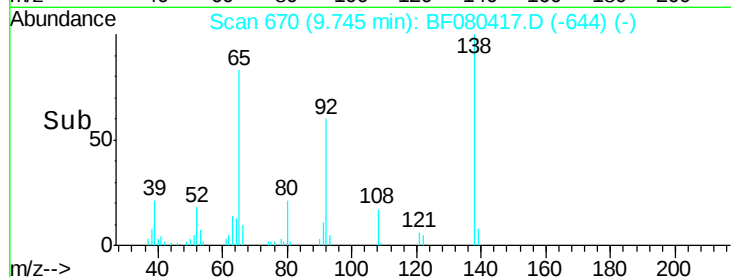
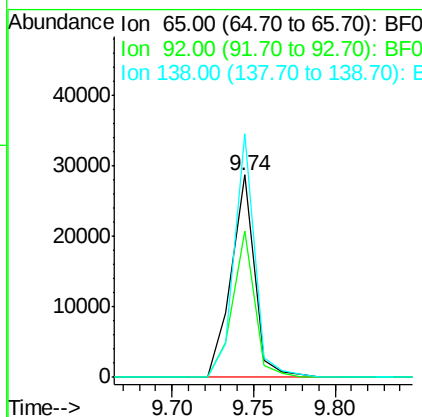
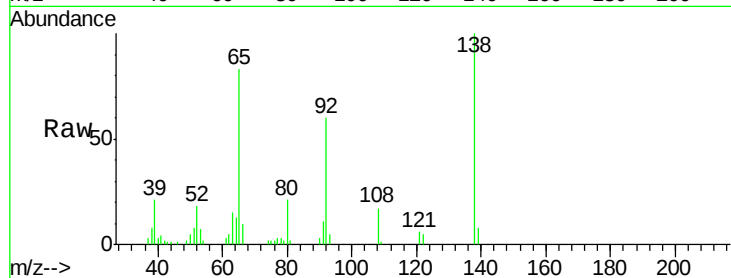
ClientSampleId :

PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	28331		
92	72.4	53.2	79.8	
138	120.3	78.9	118.3	

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#48

Acenaphthylene

Concen: 36.86 ng

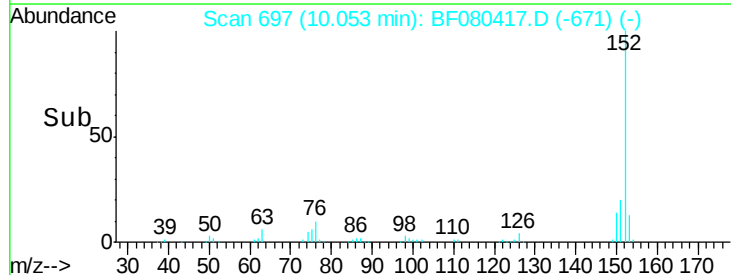
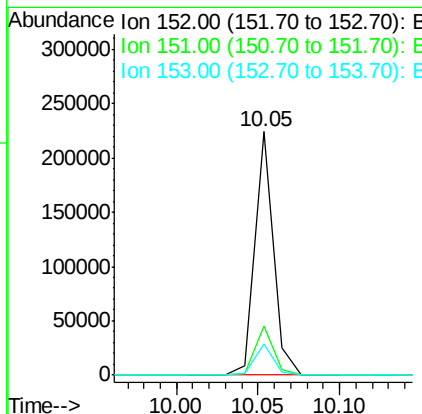
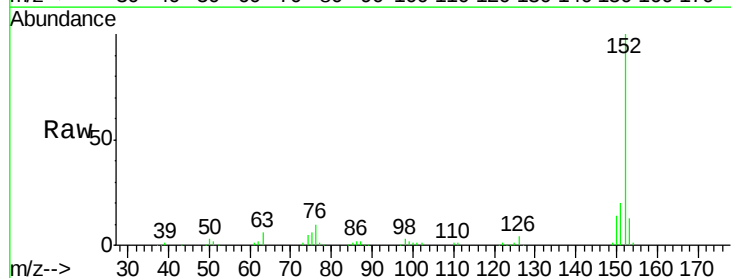
RT: 10.05 min Scan# 697

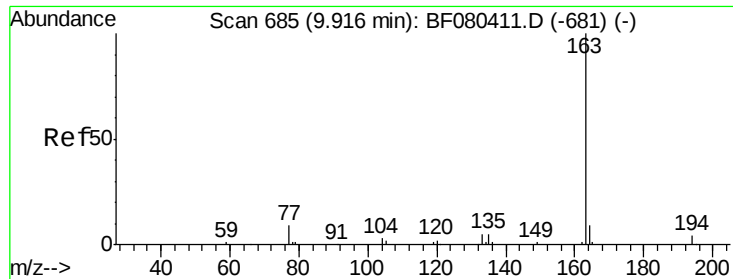
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	178154		
151	20.4	15.8	23.8	
153	12.9	10.2	15.4	





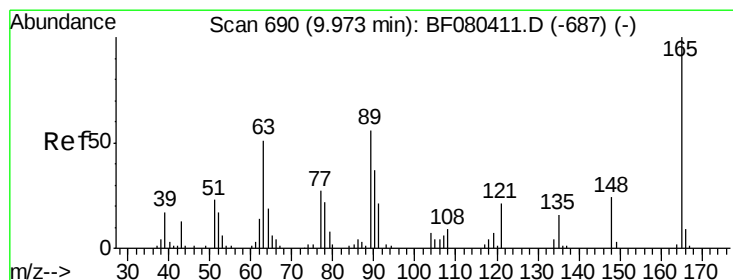
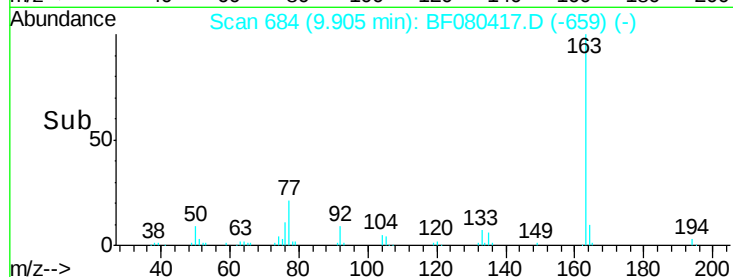
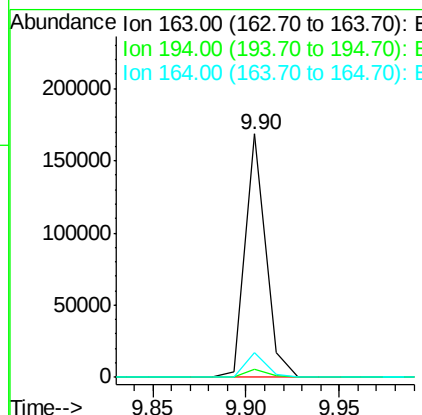
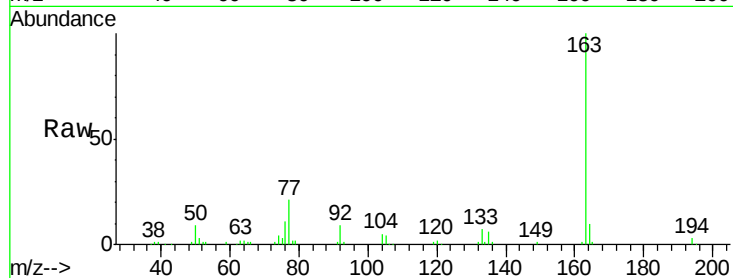
#49
Dimethylphthalate
Concen: 39.31 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion:163 Resp: 130530
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.2#
164 10.0 7.4 11.0

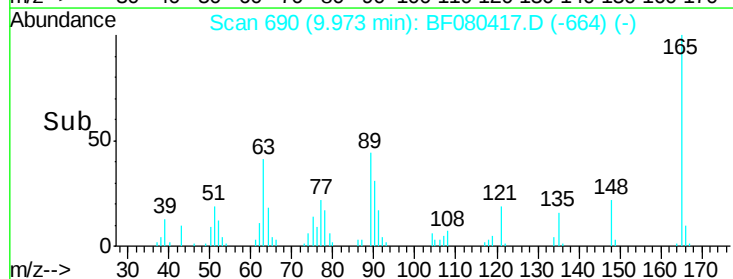
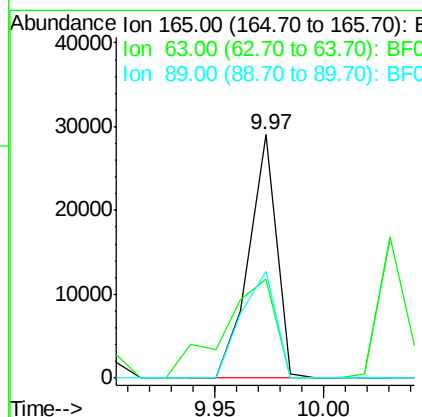
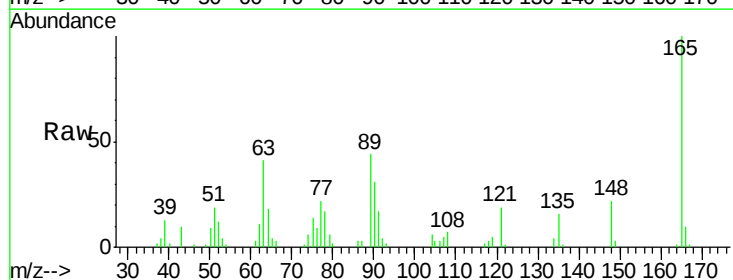
Manual Integrations
APPROVED

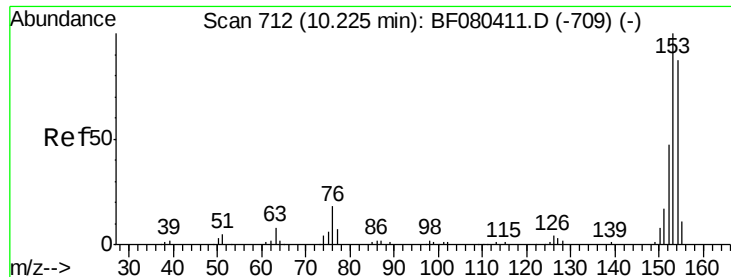
apatel
7/13/2015 3:31:36 PM



#50
2,6-Dinitrotoluene
Concen: 34.56 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion:165 Resp: 25752
Ion Ratio Lower Upper
165 100
63 40.7 44.5 66.7#
89 43.8 44.5 66.7#





#51

Acenaphthene

Concen: 39.44 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF080417.D

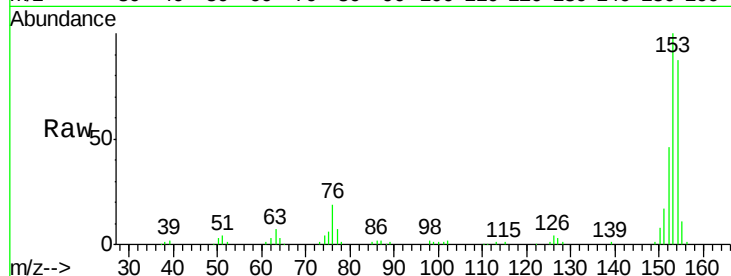
Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

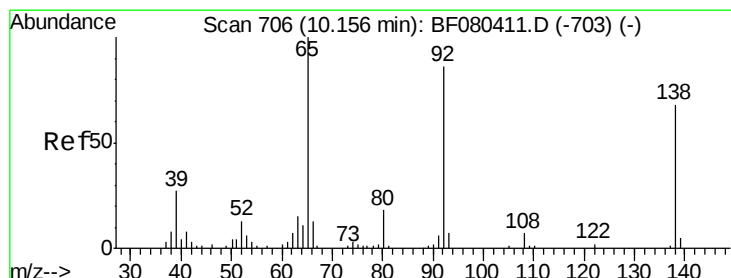
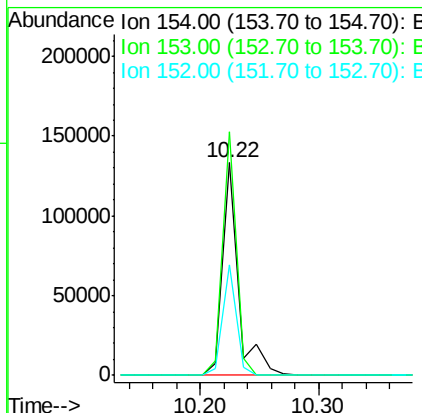
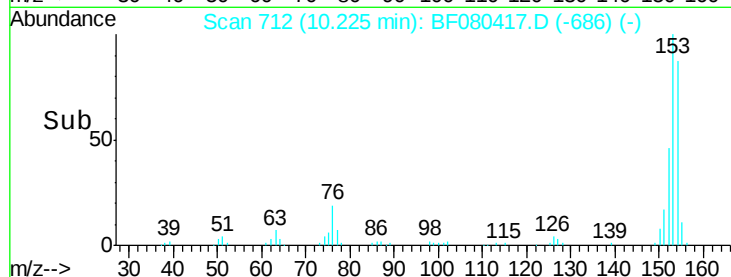
PB84443BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.5	91.7	137.5	
152	52.3	43.5	65.3	

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#52

3-Nitroaniline

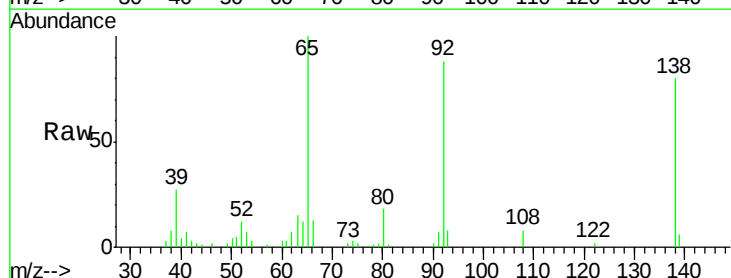
Concen: 26.97 ng

RT: 10.16 min Scan# 706

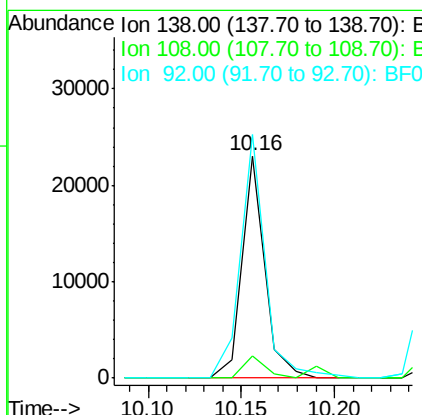
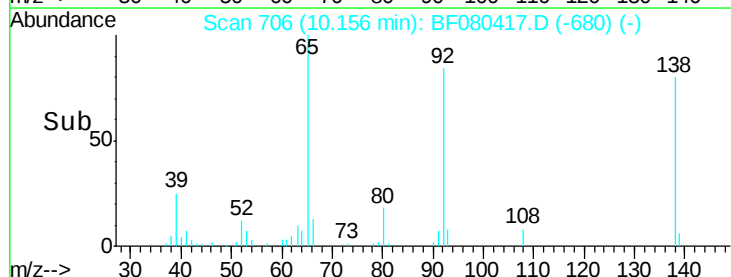
Delta R.T. 0.00 min

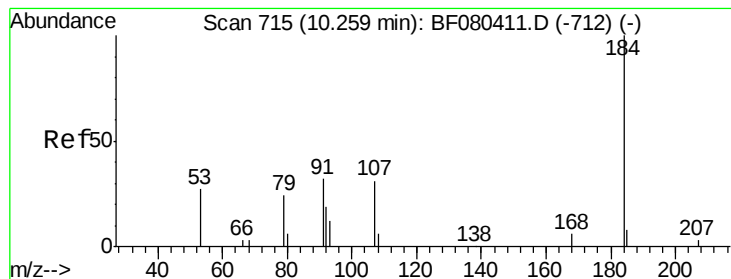
Lab File: BF080417.D

Acq: 11 Jul 2015 6:00



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.8	8.4	12.6	
92	109.5	101.0	151.4	





#53

2,4-Dinitrophenol

Concen: 77.49 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

Tgt Ion:184 Resp: 26837
Ion Ratio Lower Upper

184 100

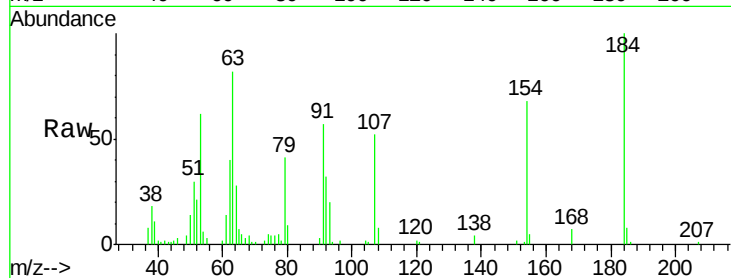
63 81.9 30.8 46.2#

154 67.8 46.8 70.2

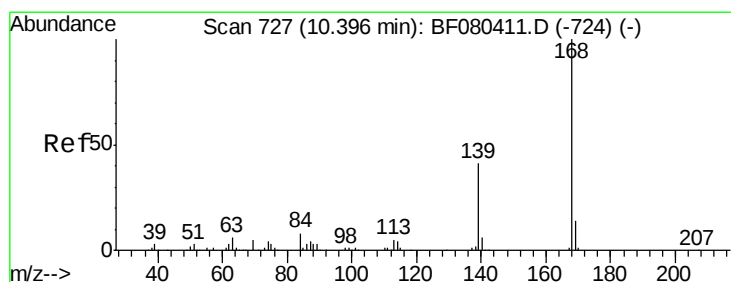
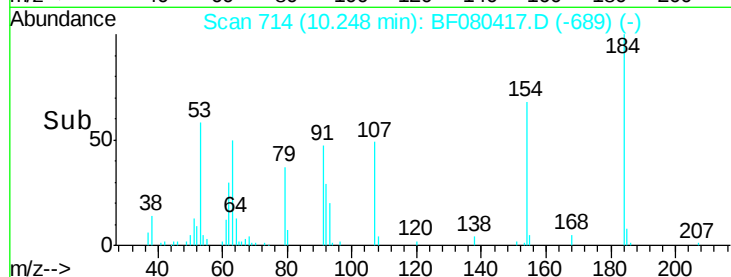
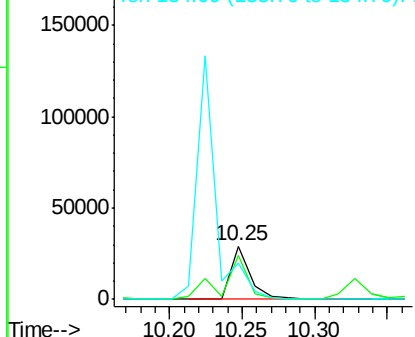
Manual Integrations
APPROVED

apatel

7/13/2015 3:31:36 PM



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



#54

Dibenzofuran

Concen: 38.31 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080417.D

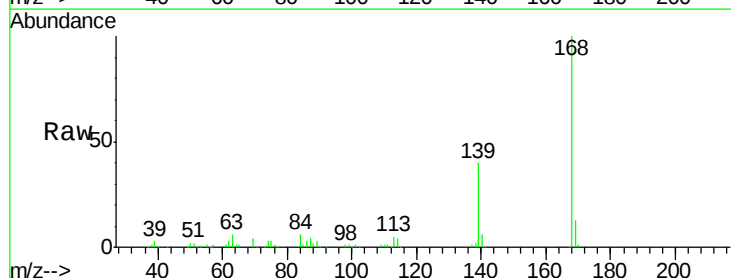
Acq: 11 Jul 2015 6:00

Tgt Ion:168 Resp: 155879
Ion Ratio Lower Upper

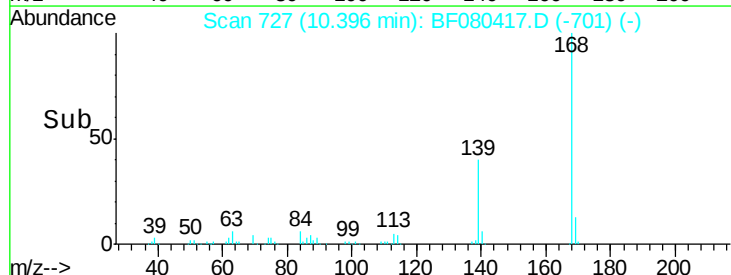
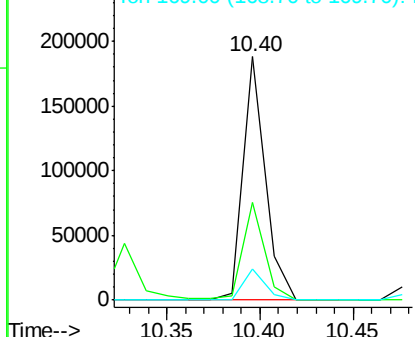
168 100

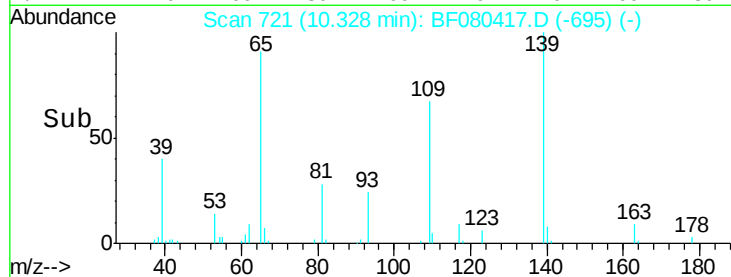
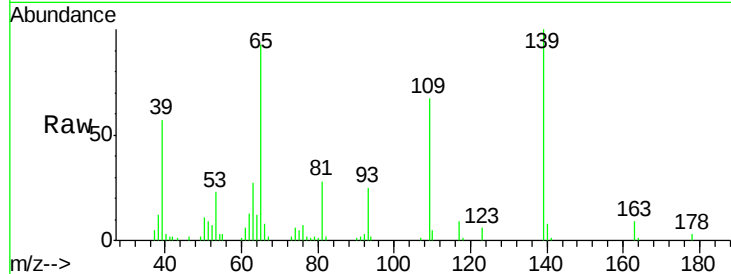
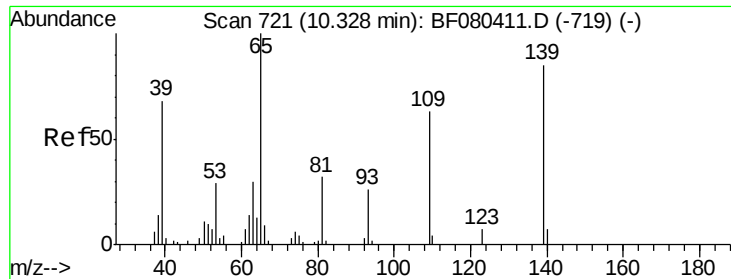
139 40.0 33.4 50.2

169 13.0 11.1 16.7



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: 72.08 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion:	139	Resp:	42158
Ion Ratio	Lower	Upper	
139	100		
109	67.3	54.6	94.6
65	93.0	97.8	137.8#

Instrument :

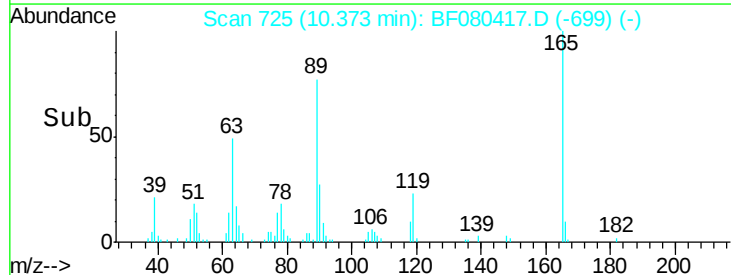
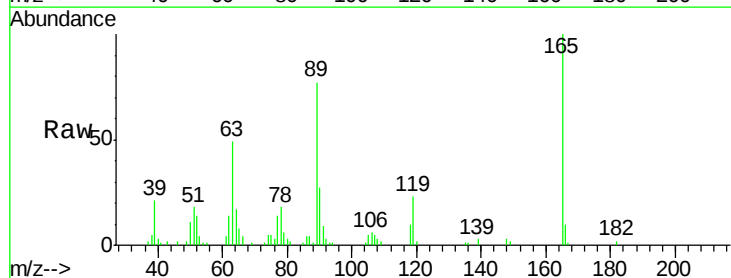
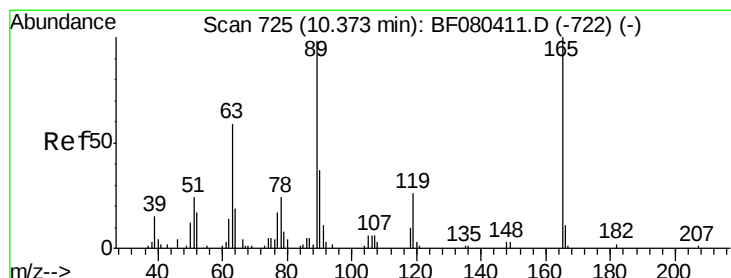
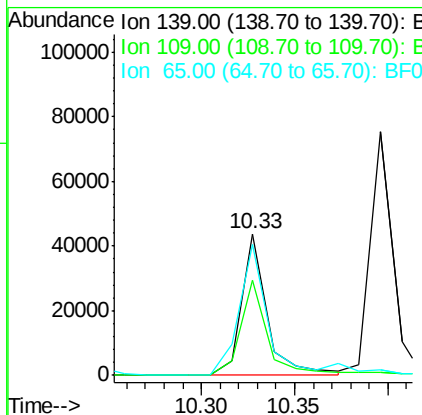
BNA_F

ClientSampled :

PB84443BS

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#56

2,4-Dinitrotoluene

Concen: 43.07 ng

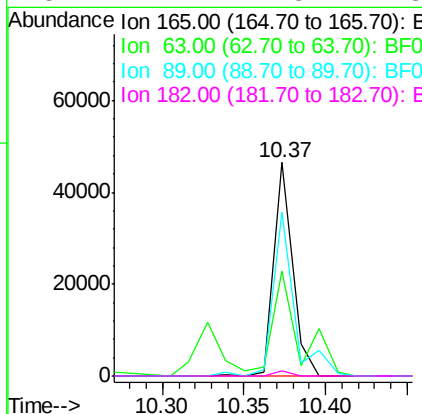
RT: 10.37 min Scan# 725

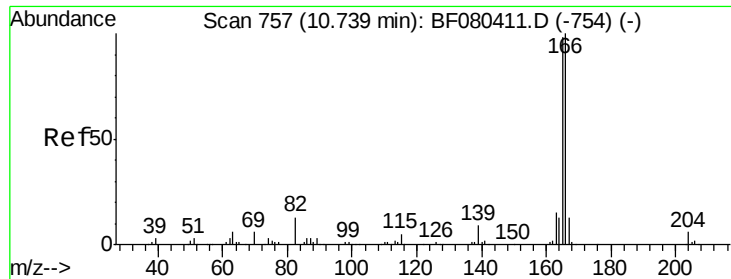
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion:	165	Resp:	37526
Ion Ratio	Lower	Upper	
165	100		
63	49.0	51.7	77.5#
89	76.8	78.6	117.8#
182	2.2	1.8	2.8





#57

Fluorene

Concen: 36.53 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF080417.D

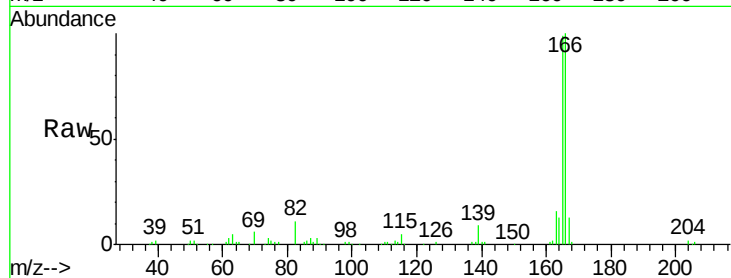
Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

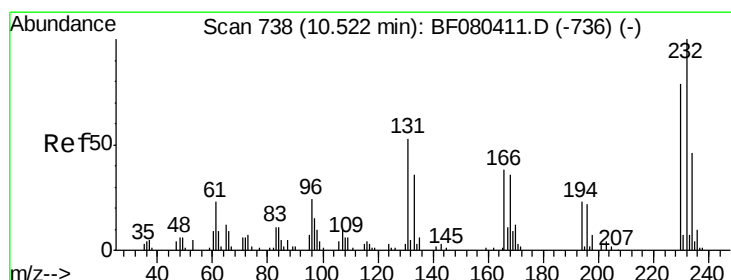
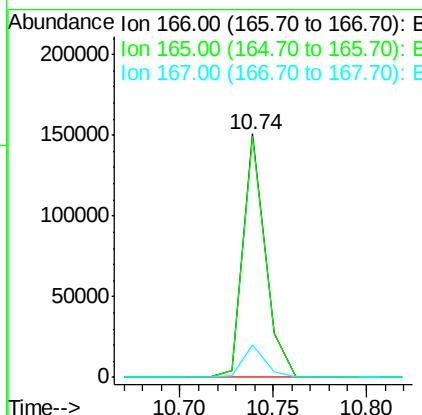
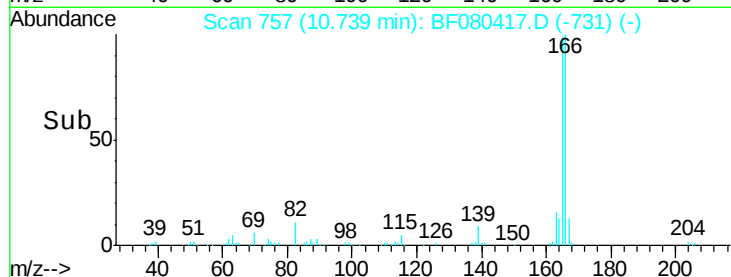
PB84443BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	125211		
165	99.2	78.3	117.5	
167	13.4	10.6	15.8	

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#58

2,3,4,6-Tetrachlorophenol

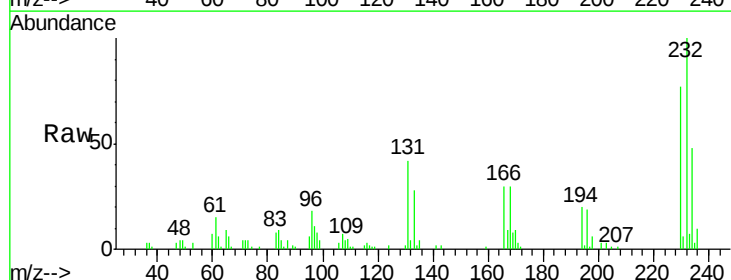
Concen: 41.50 ng m

RT: 10.52 min Scan# 738

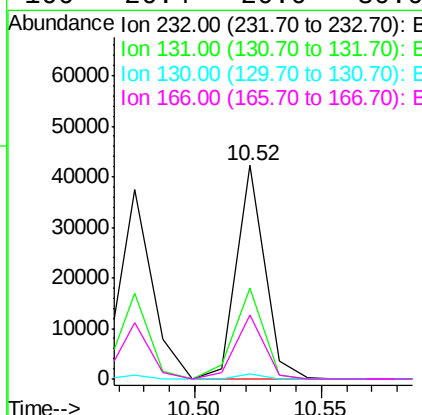
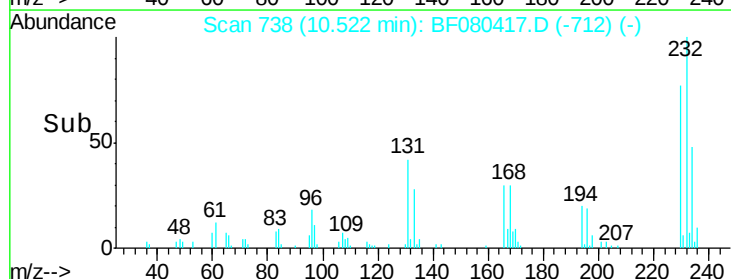
Delta R.T. 0.00 min

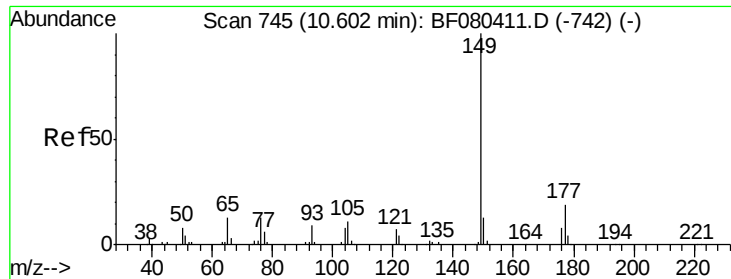
Lab File: BF080417.D

Acq: 11 Jul 2015 6:00



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	33073		
131	40.4	33.0	49.4	
130	1.8	1.8	2.8	
166	26.4	20.0	30.0	





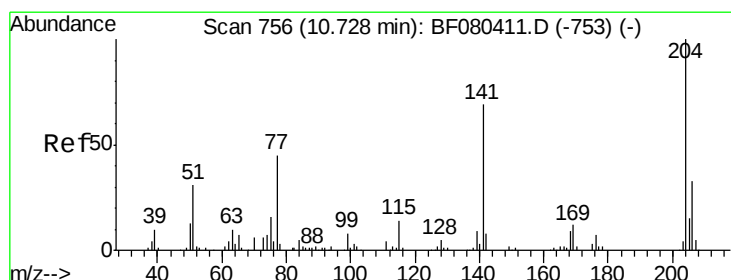
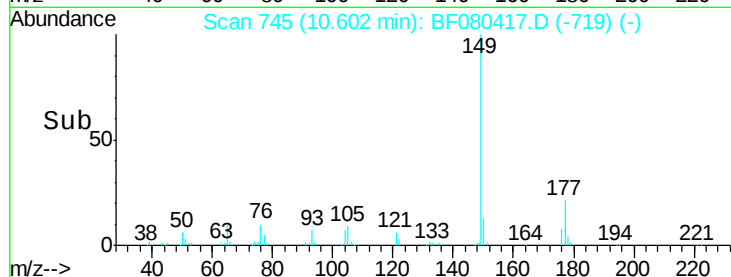
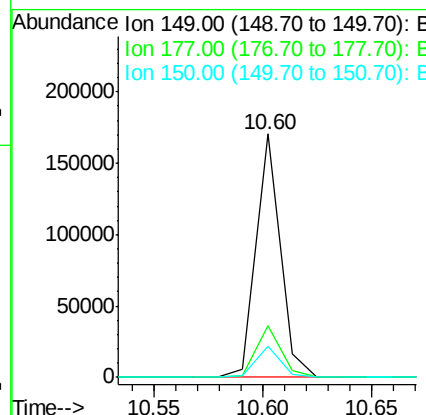
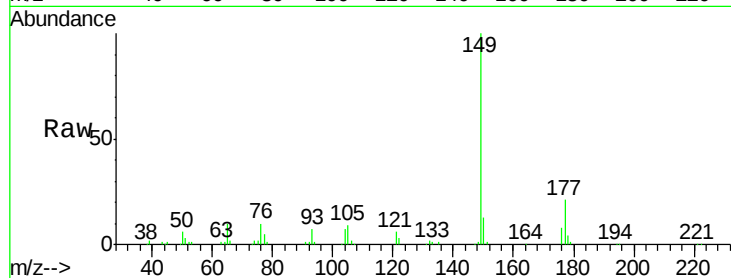
#59
Diethylphthalate
Concen: 40.59 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.0	15.4	23.2
150	12.8	10.3	15.5

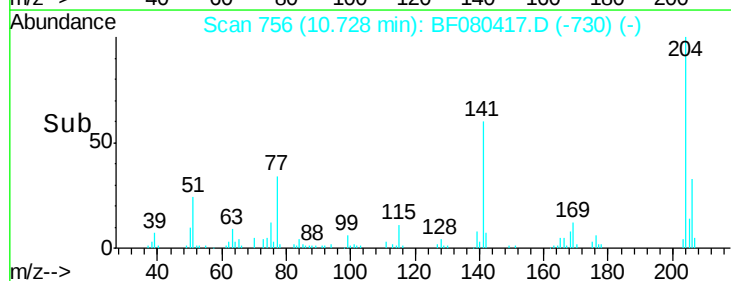
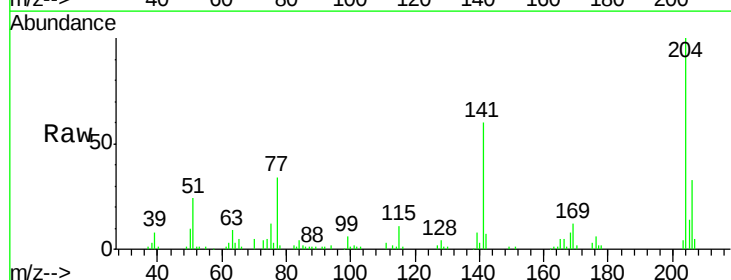
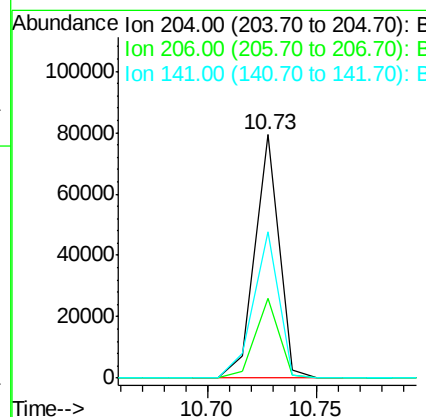
Manual Integrations
APPROVED

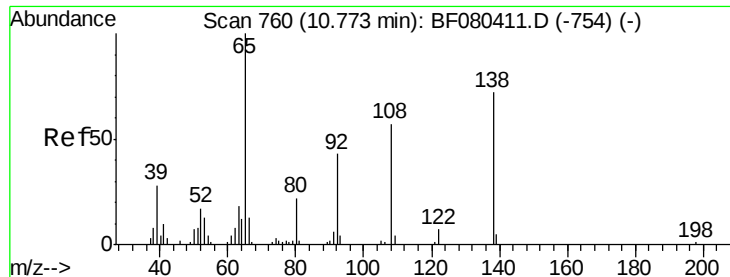
apatel
7/13/2015 3:31:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.92 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.6	26.8	40.2
141	60.2	55.1	82.7





#61

4-Nitroaniline

Concen: 35.22 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

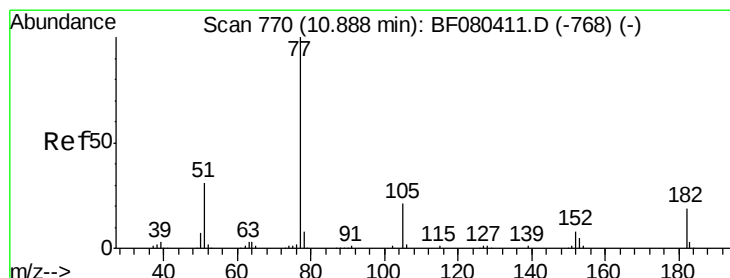
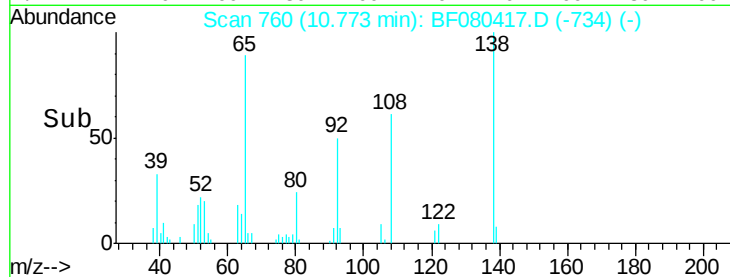
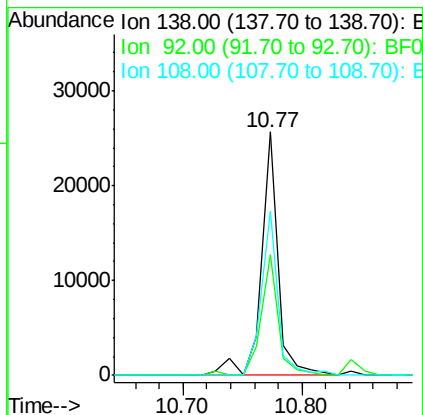
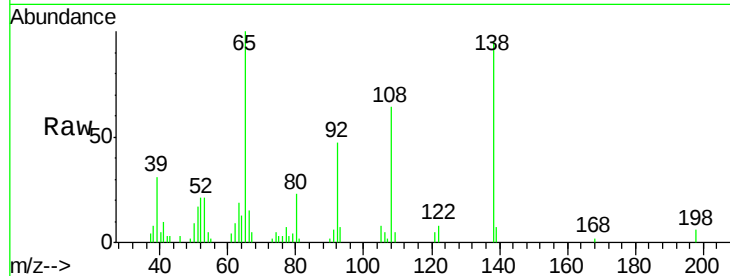
PB84443BS

Manual Integrations
APPROVED

apatel

7/13/2015 3:31:36 PM

Tgt Ion:	138	Resp:	25468
Ion Ratio	Lower	Upper	
138	100		
92	49.7	39.0	79.0
108	67.7	59.4	99.4



#62

Azobenzene

Concen: 36.91 ng

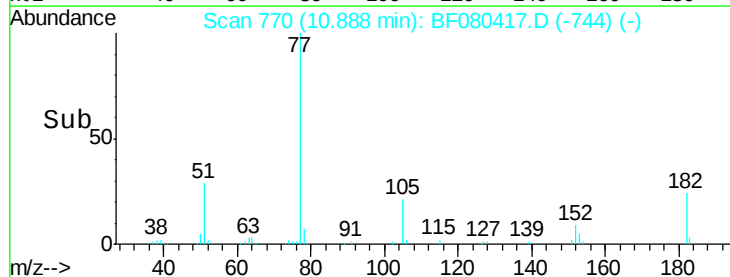
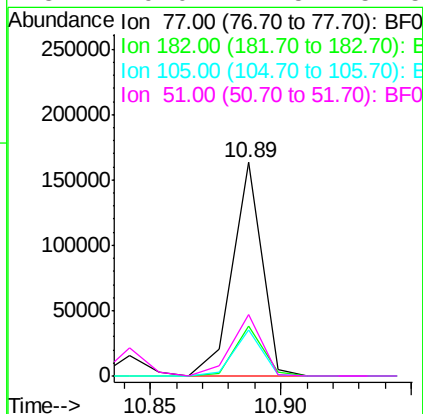
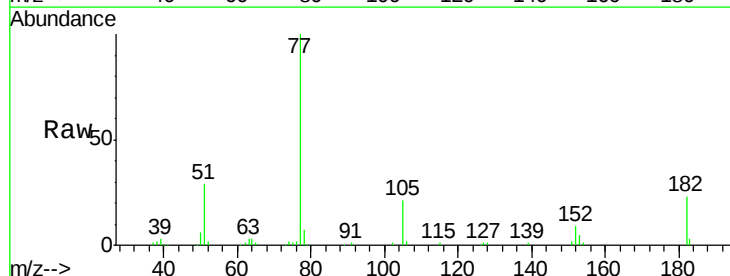
RT: 10.89 min Scan# 770

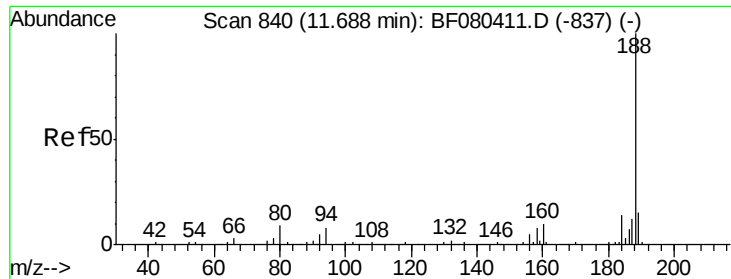
Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion:	77	Resp:	129517
Ion Ratio	Lower	Upper	
77	100		
182	23.4	0.0	39.4
105	21.4	0.6	40.6
51	29.0	11.5	51.5





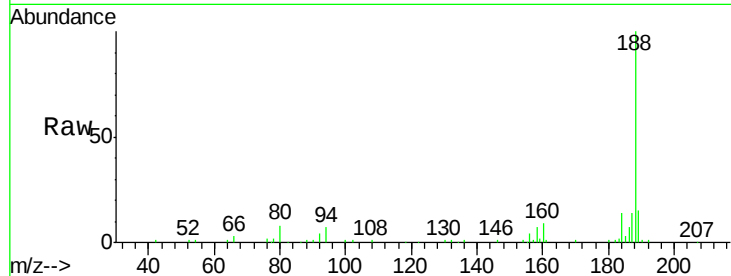
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.7	6.7	10.1#
80	7.6	7.5	11.3

Manual Integrations
APPROVED

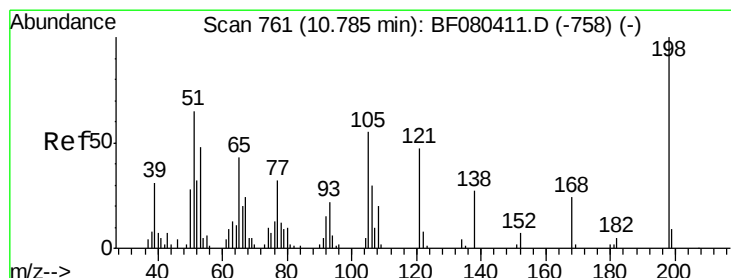
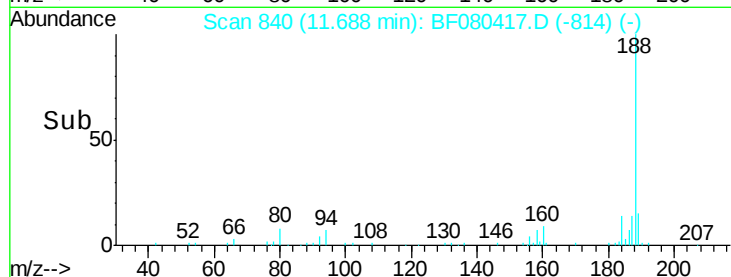
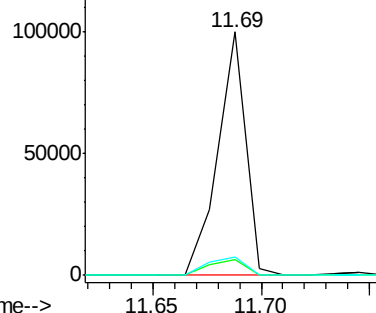
apatel
7/13/2015 3:31:36 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



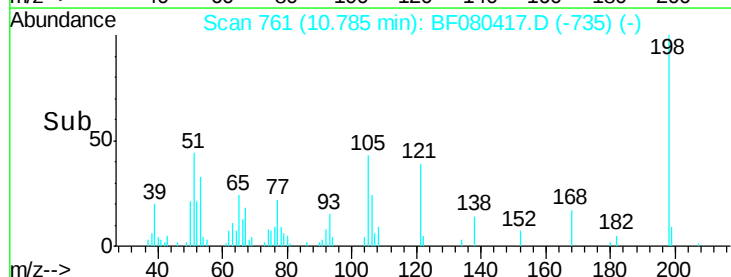
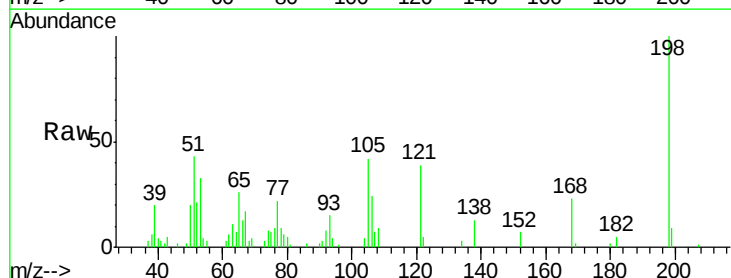
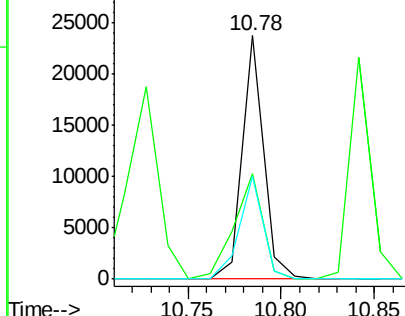
#64
4,6-Dinitro-2-methylphenol
Concen: 39.00 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

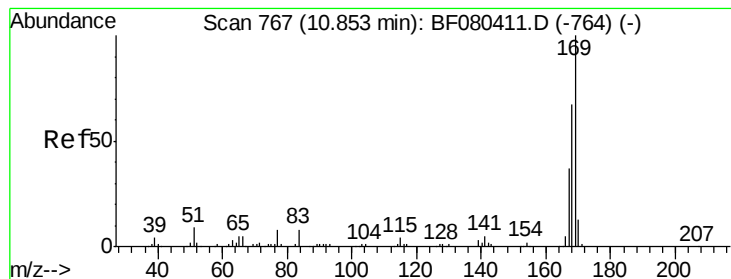
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.4	47.2	87.2#
105	42.1	34.7	74.7

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





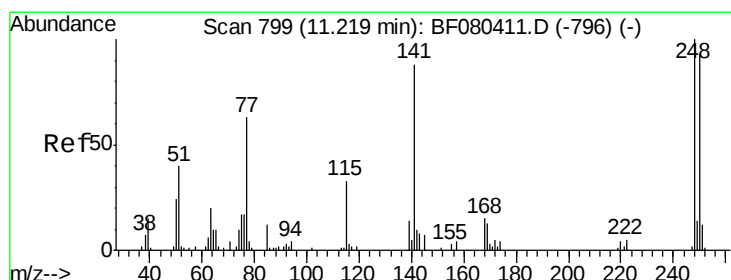
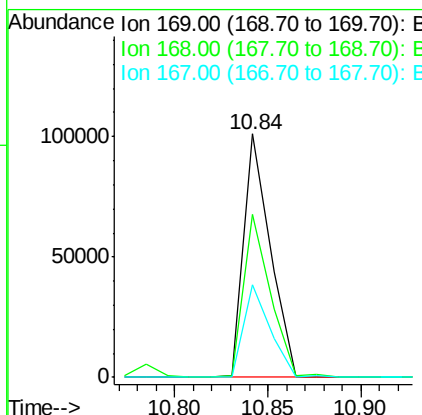
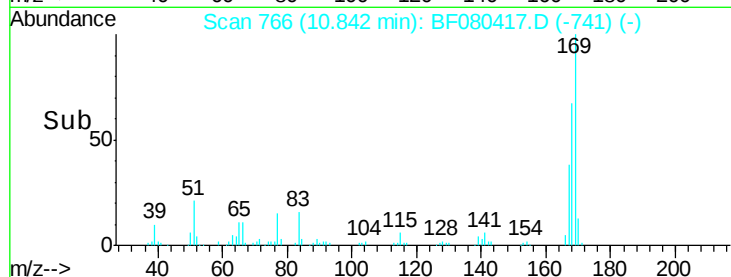
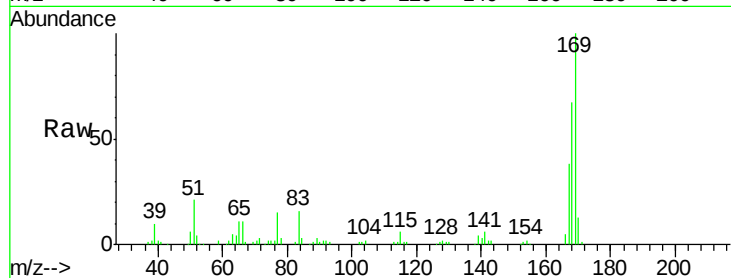
#65
 n-Nitrosodiphenylamine
 Concen: 36.05 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.2	53.5	80.3
167	37.8	29.4	44.2

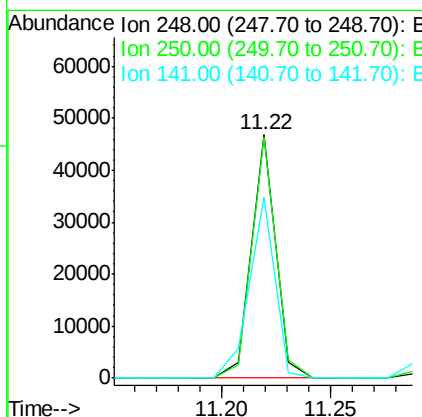
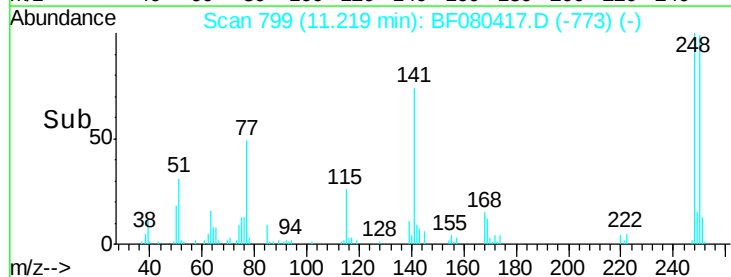
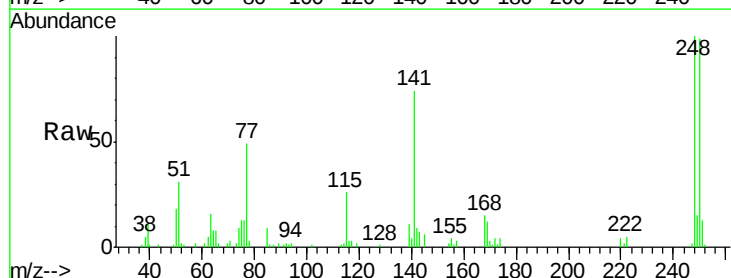
Manual Integrations
 APPROVED

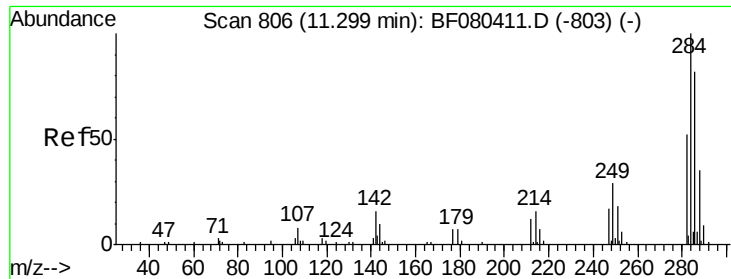
apatel
 7/13/2015 3:31:36 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.15 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.9	74.2	111.4
141	74.3	70.7	106.1





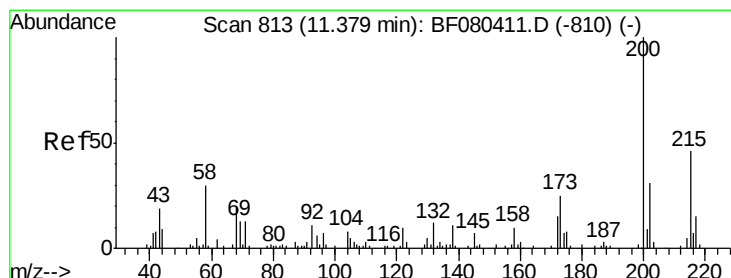
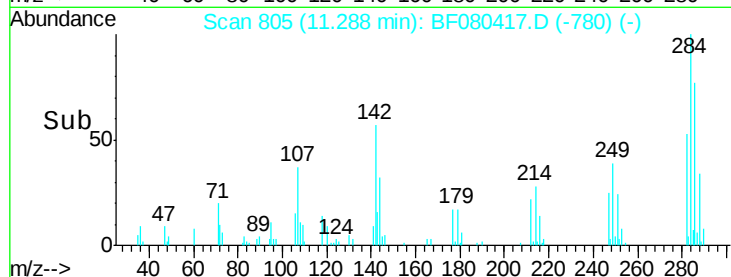
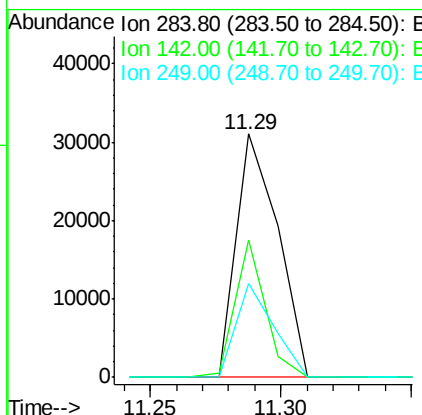
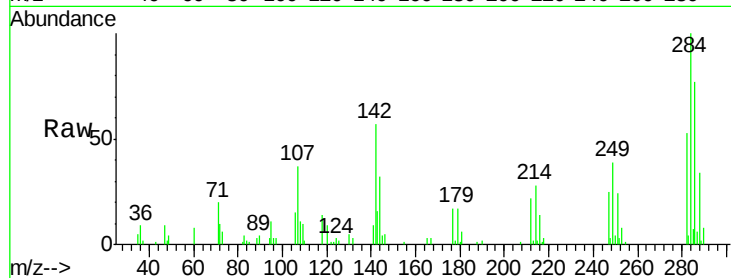
#67
Hexachlorobenzene
Concen: 36.27 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	56.6	12.9	19.3#
249	38.6	23.5	35.3#

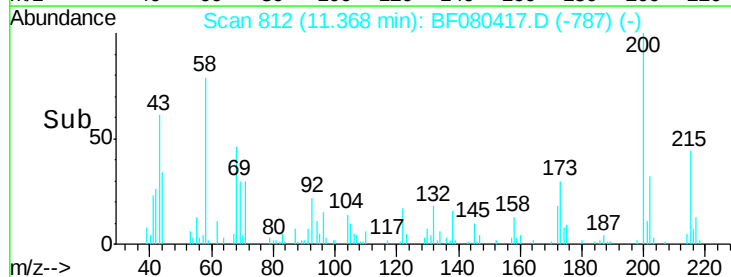
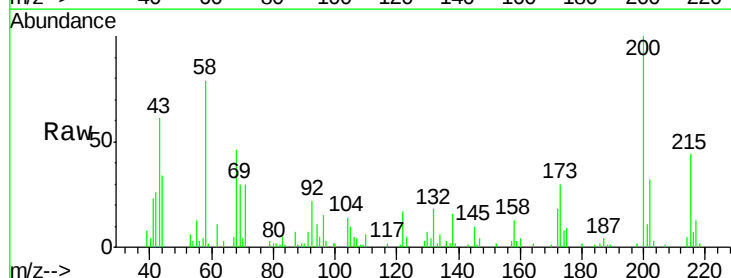
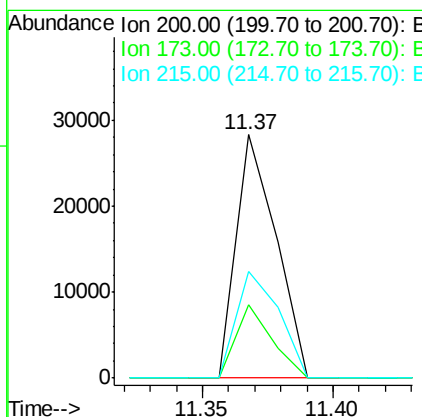
Manual Integrations
APPROVED

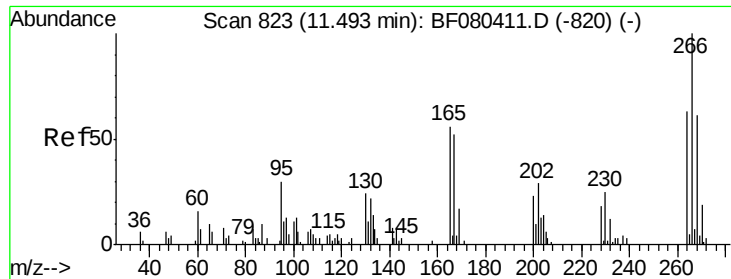
apatel
7/13/2015 3:31:36 PM



#68
Atrazine
Concen: 35.04 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.1	5.5	45.5
215	43.9	25.8	65.8





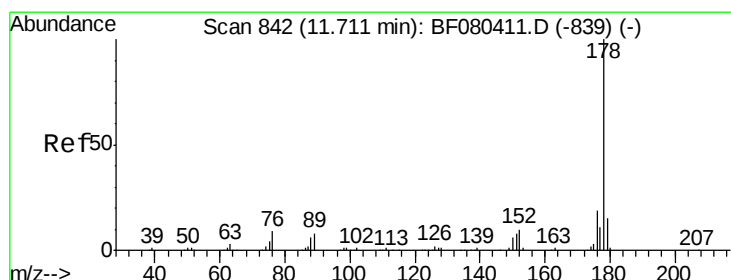
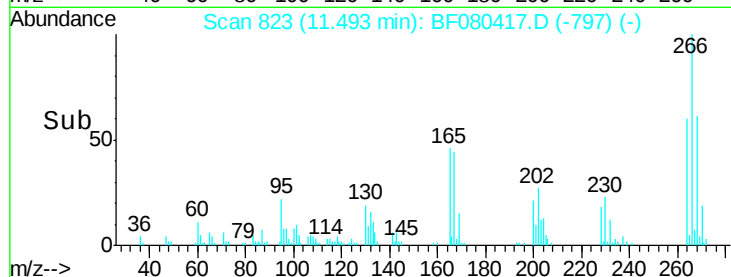
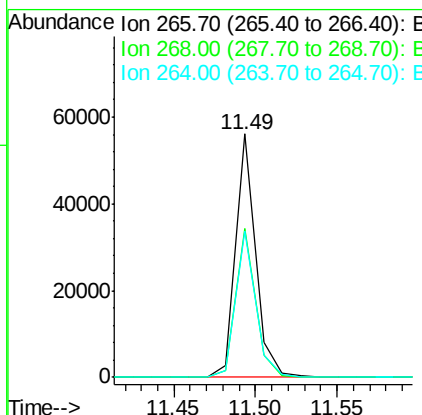
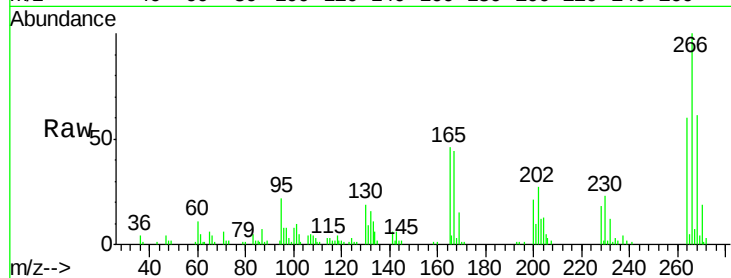
#69
 Pentachlorophenol
 Concen: 85.74 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	46728		
268	61.4	48.5	72.7	
264	59.9	50.2	75.2	

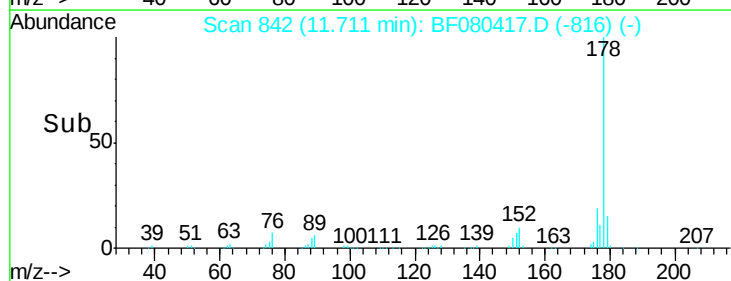
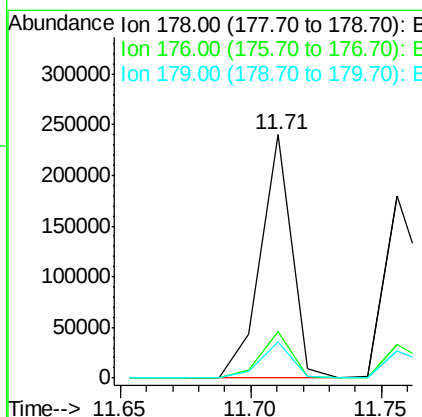
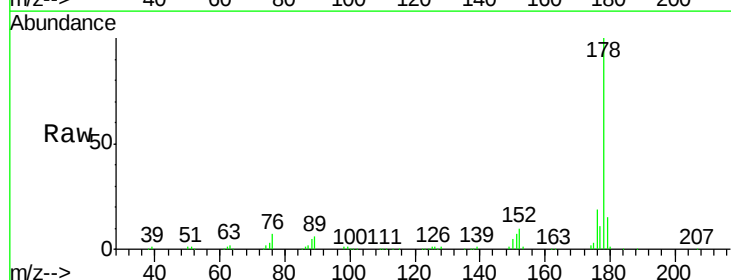
Manual Integrations
 APPROVED

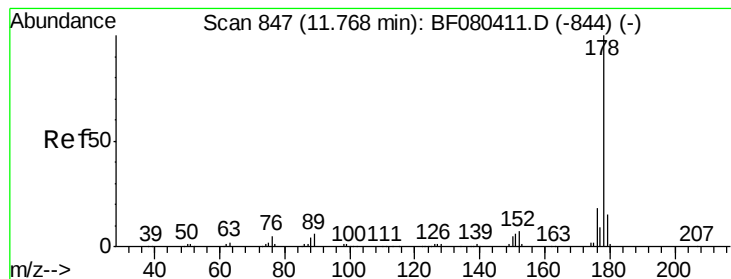
apatel
 7/13/2015 3:31:36 PM



#70
 Phenanthrene
 Concen: 37.55 ng
 RT: 11.71 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	201168		
176	19.1	15.2	22.8	
179	15.1	12.4	18.6	





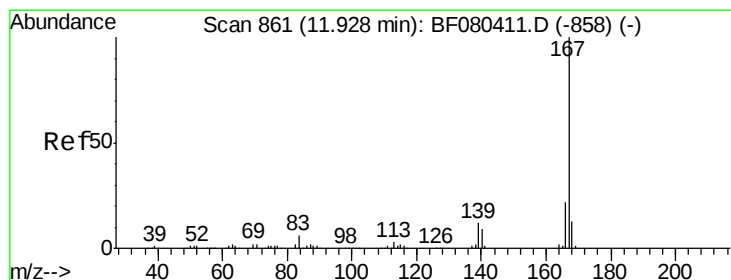
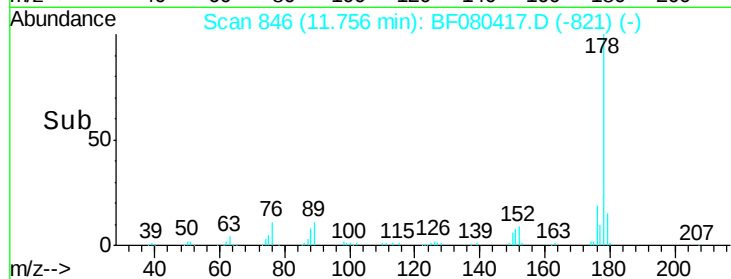
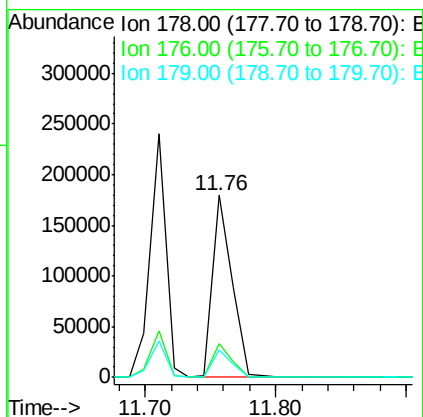
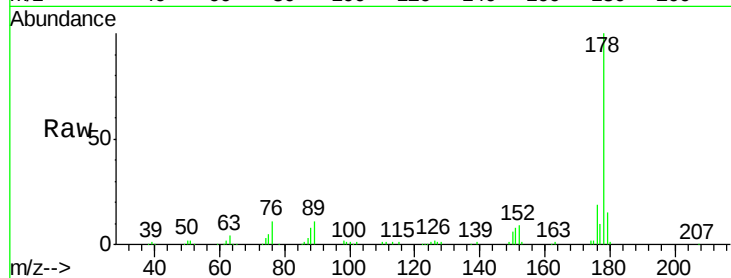
#71
 Anthracene
 Concen: 38.06 ng
 RT: 11.76 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.2	21.4
179	15.1	11.6	17.4

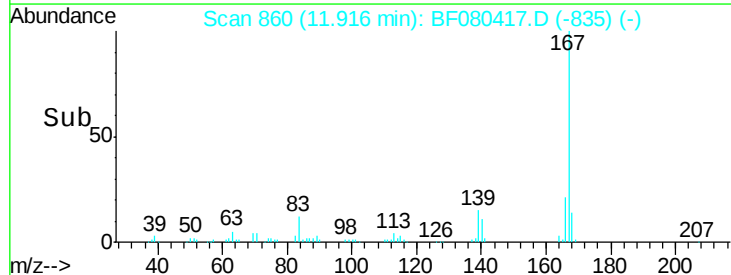
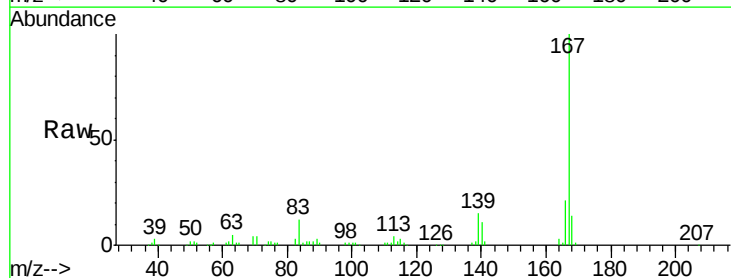
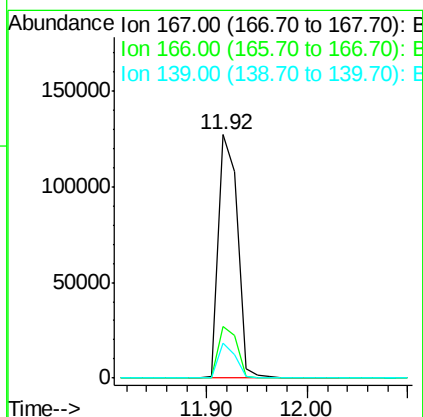
Manual Integrations
 APPROVED

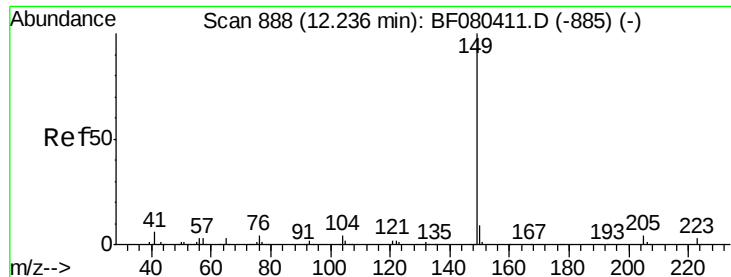
apatel
 7/13/2015 3:31:36 PM



#72
 Carbazole
 Concen: 36.63 ng
 RT: 11.92 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	14.5	9.5	14.3





#73

Di-n-butylphthalate

Concen: 38.68 ng

RT: 12.22 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

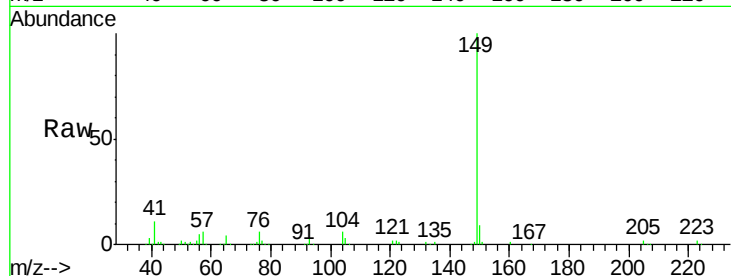
ClientSampleId :

PB84443BS

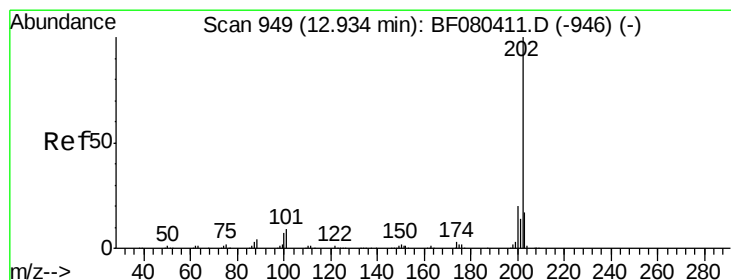
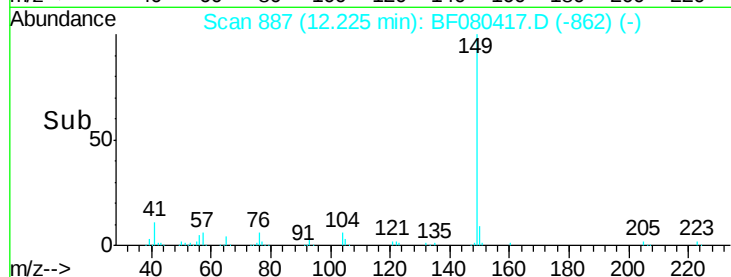
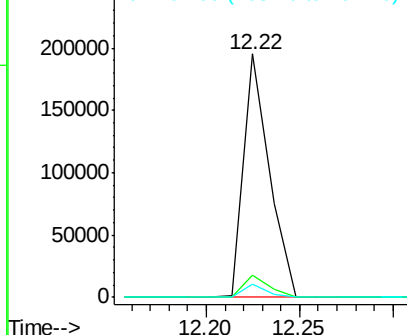
Tgt Ion:	149	Resp:	187289
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.0
104	5.6	3.5	5.3#

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.76 ng

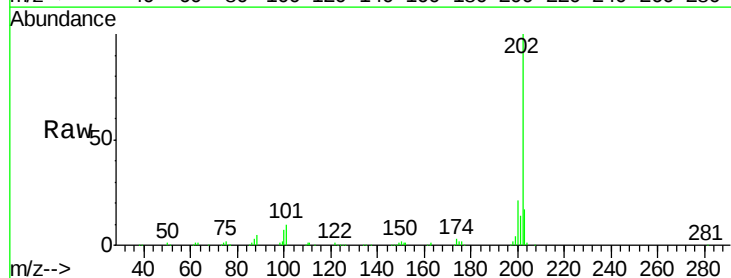
RT: 12.92 min Scan# 948

Delta R.T. -0.01 min

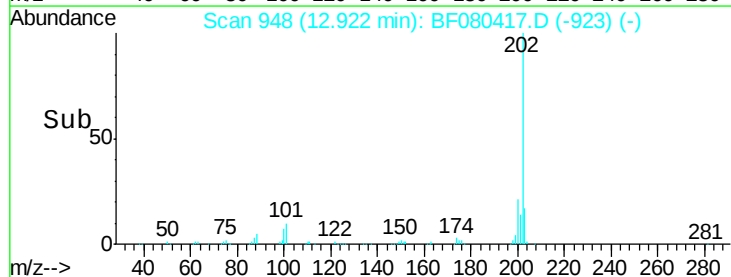
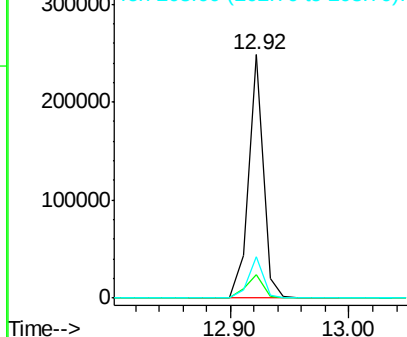
Lab File: BF080417.D

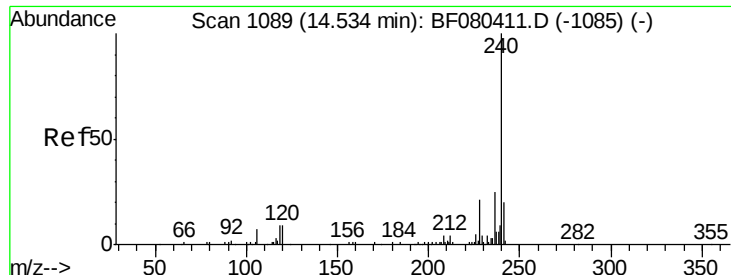
Acq: 11 Jul 2015 6:00

Tgt Ion:	202	Resp:	215374
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	28.8
203	17.0	0.0	37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.05 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

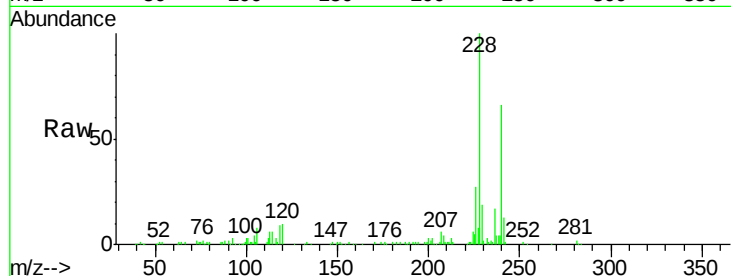
ClientSampleId :

PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	90388		
120	15.5	7.4	11.2#	
236	25.6	19.7	29.5	

Manual Integrations
APPROVED

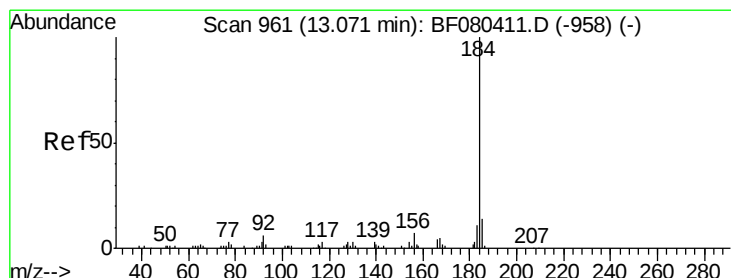
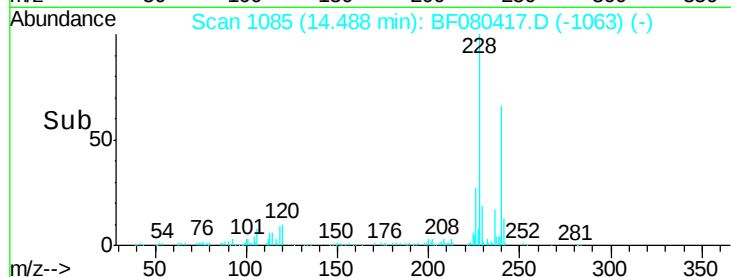
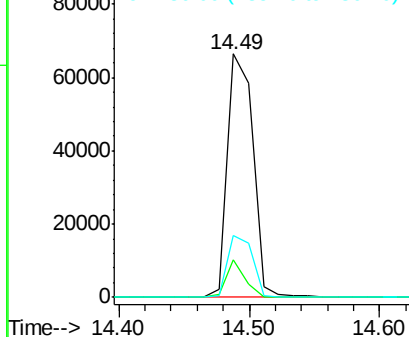
apatel
7/13/2015 3:31:36 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.03 ng

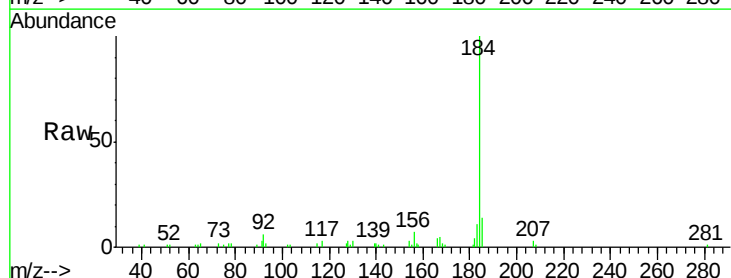
RT: 13.06 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

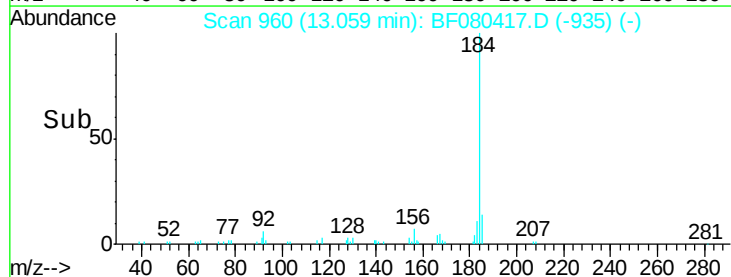
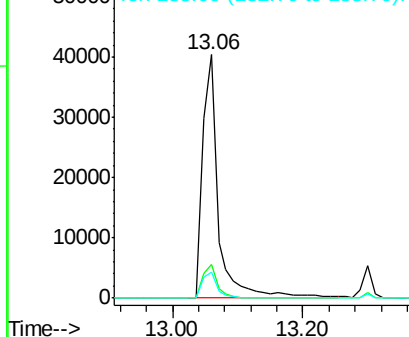
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	67165		
185	13.6	11.0	16.4	
183	10.7	9.0	13.6	

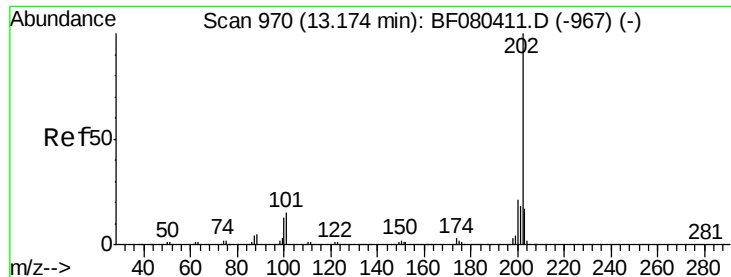


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.81 ng

RT: 13.16 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

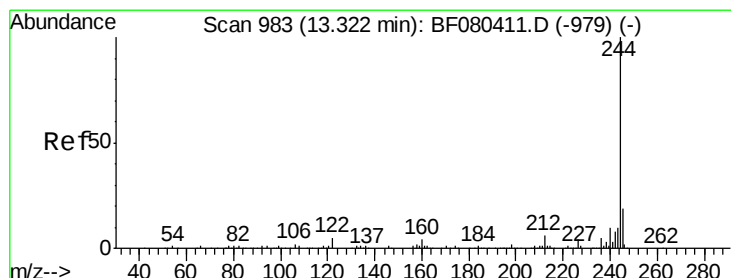
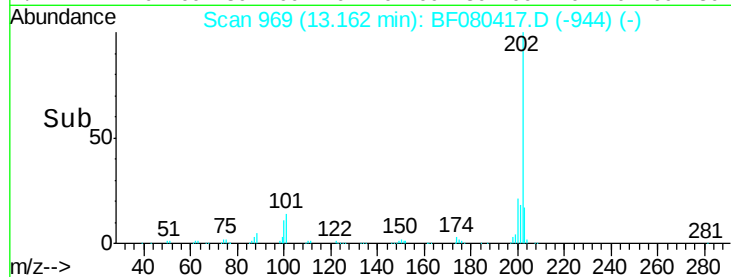
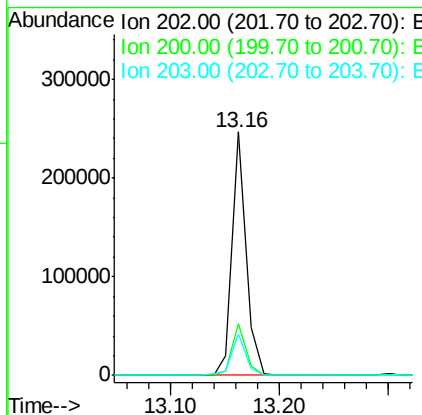
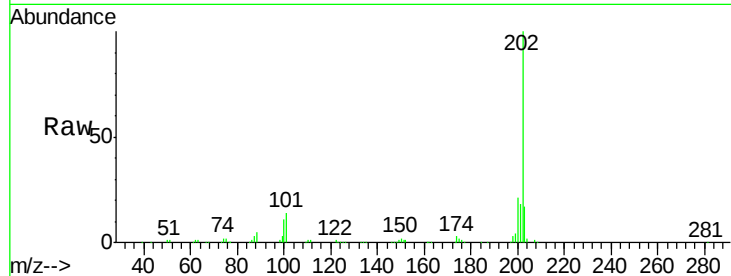
ClientSampleId :

PB84443BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		218929		
200	21.0	17.0	25.6		
203	17.2	13.8	20.8		

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#78

Terphenyl-d14

Concen: 74.79 ng

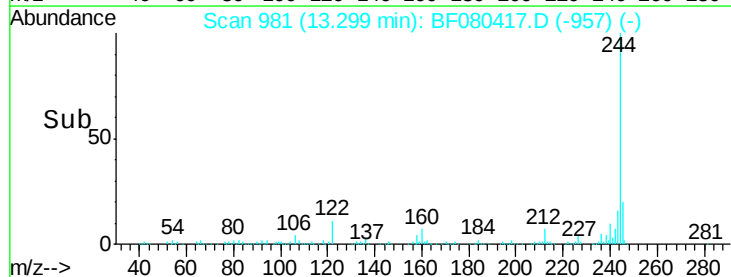
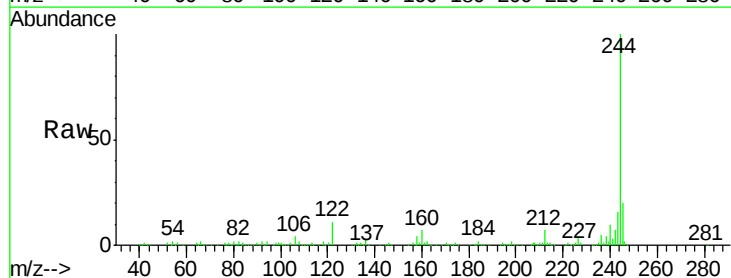
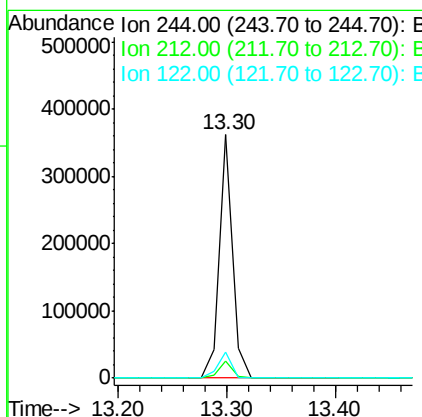
RT: 13.30 min Scan# 981

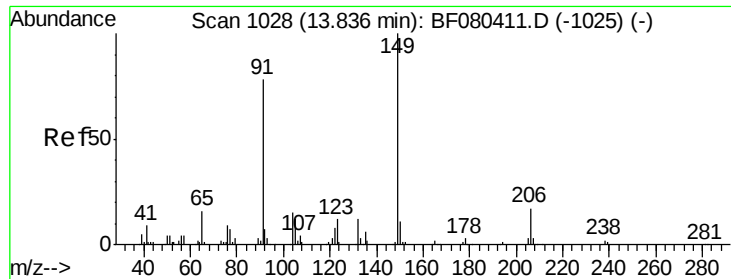
Delta R.T. -0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		311282		
212	7.3	4.9	7.3		
122	10.5	4.1	6.1#		





#79

Butylbenzylphthalate

Concen: 40.86 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

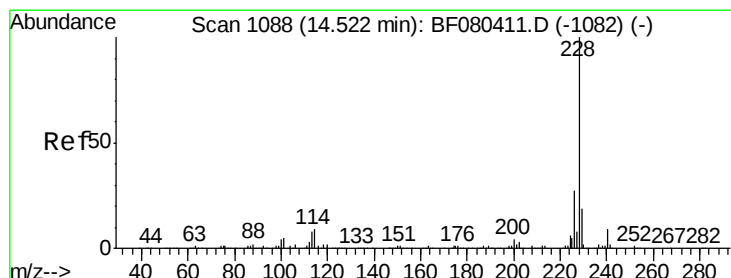
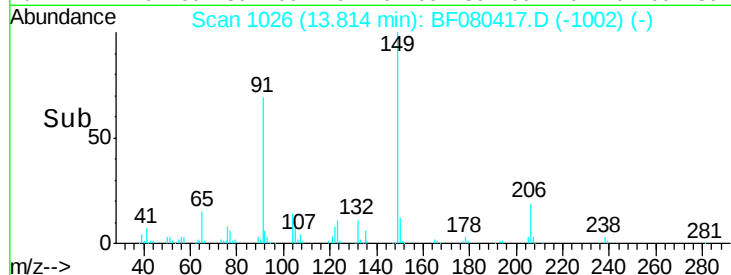
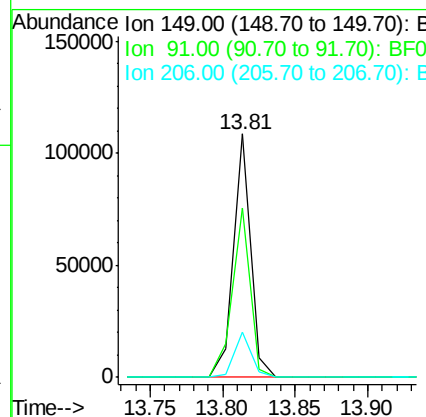
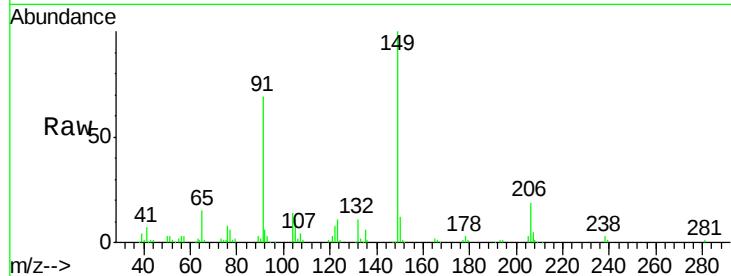
ClientSampleId :

PB84443BS

Tgt Ion:	149	Resp:	89701
Ion Ratio	Lower	Upper	
149	100		
91	69.4	62.5	93.7
206	18.8	14.0	21.0

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#80

Benzo(a)anthracene

Concen: 35.66 ng

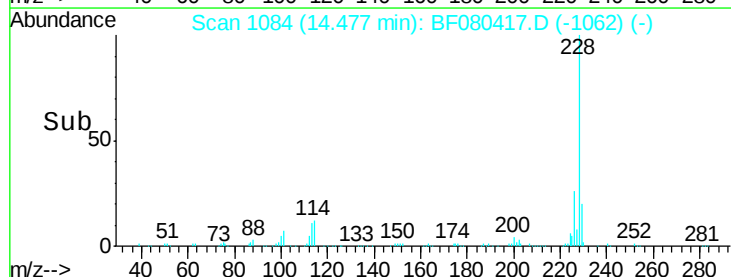
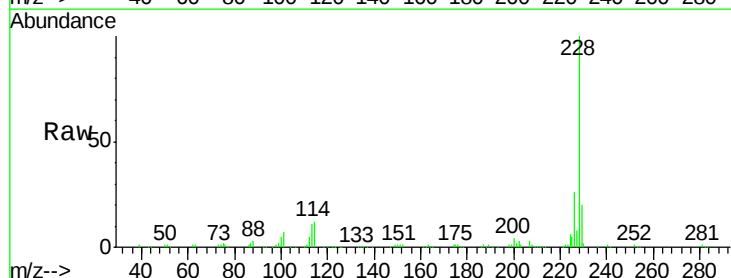
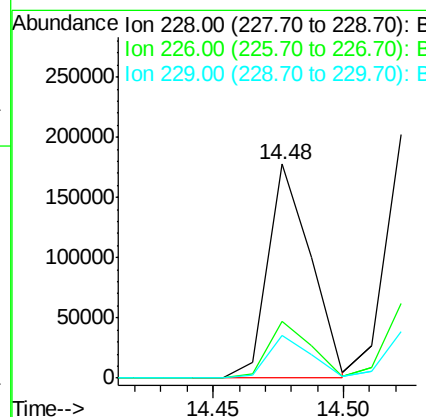
RT: 14.48 min Scan# 1084

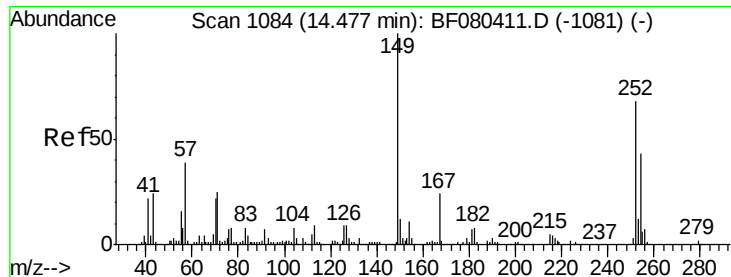
Delta R.T. -0.05 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion:	228	Resp:	203110
Ion Ratio	Lower	Upper	
228	100		
226	26.4	21.7	32.5
229	20.0	15.5	23.3





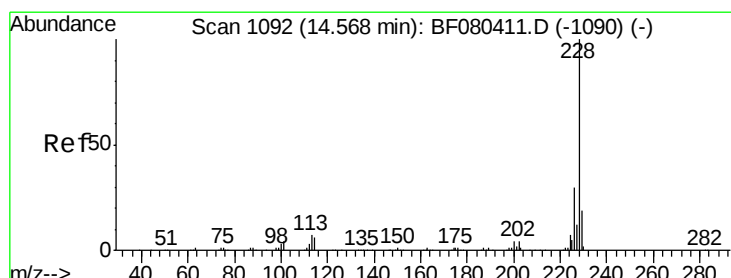
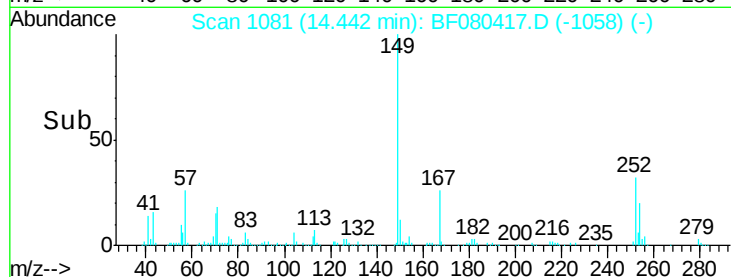
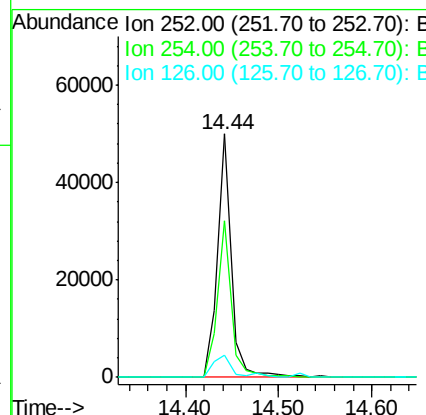
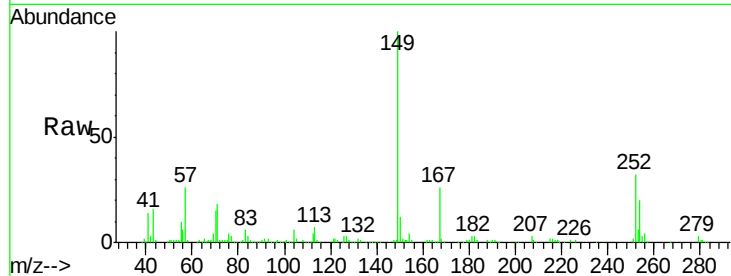
#81
 3,3'-Dichlorobenzidine
 Concen: 30.69 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	50.6	76.0
126	9.1	10.6	15.8

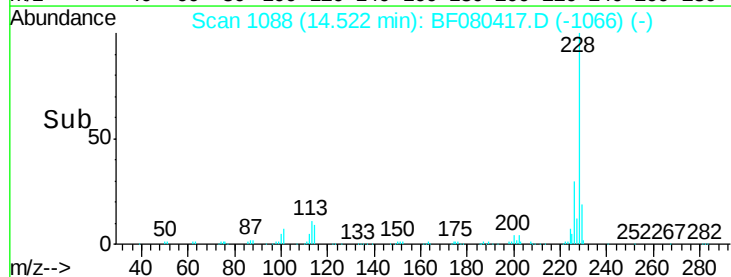
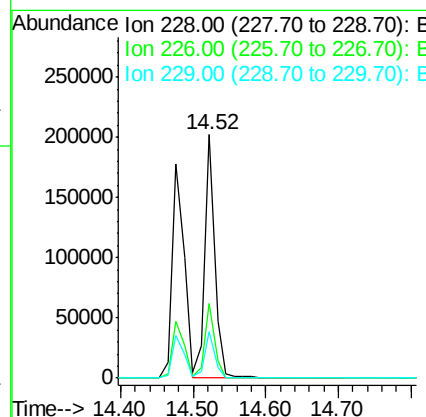
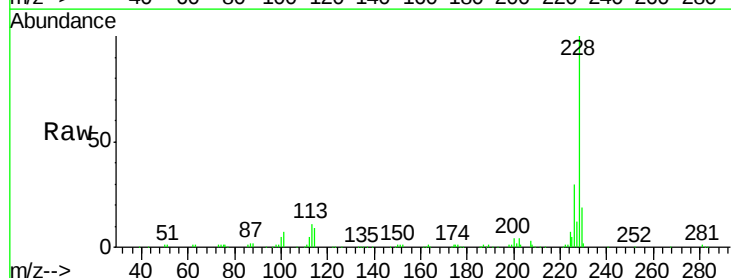
Manual Integrations
 APPROVED

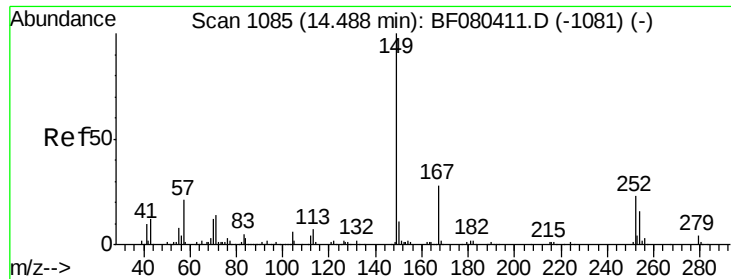
apatel
 7/13/2015 3:31:36 PM



#82
 Chrysene
 Concen: 37.81 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.05 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	24.3	36.5
229	19.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.76 ng

RT: 14.44 min Scan# 1081

Delta R.T. -0.05 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

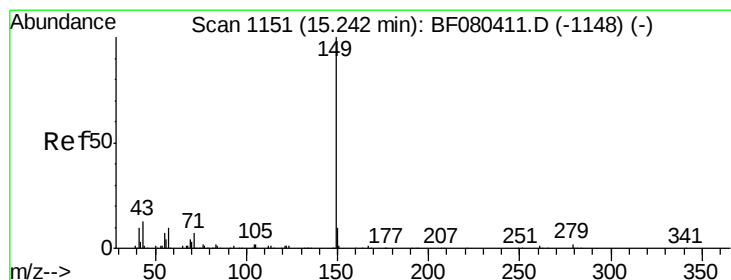
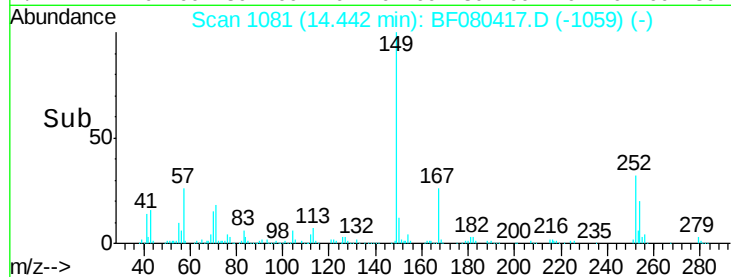
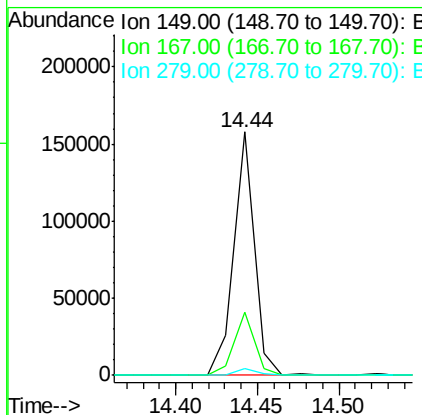
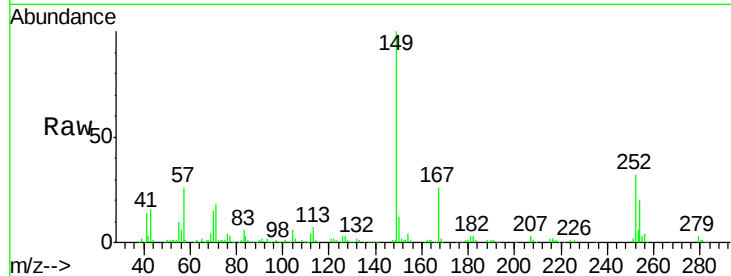
ClientSampleId :

PB84443BS

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		136982		
167	26.0		22.5	33.7	
279	3.0		3.5	5.3	

Manual Integrations
APPROVED

apatel
7/13/2015 3:31:36 PM



#84

Di-n-octyl phthalate

Concen: 37.58 ng

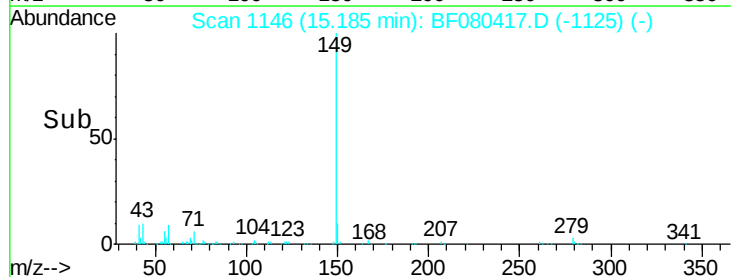
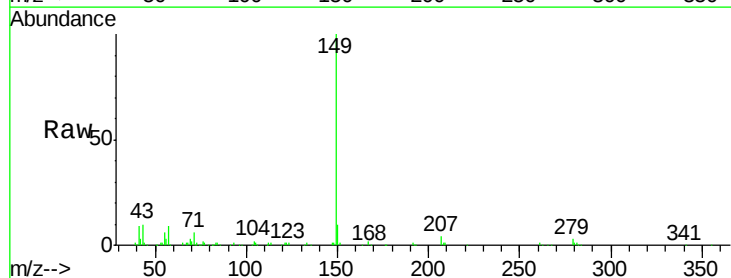
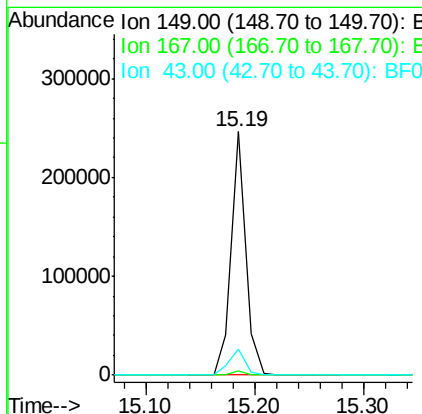
RT: 15.19 min Scan# 1146

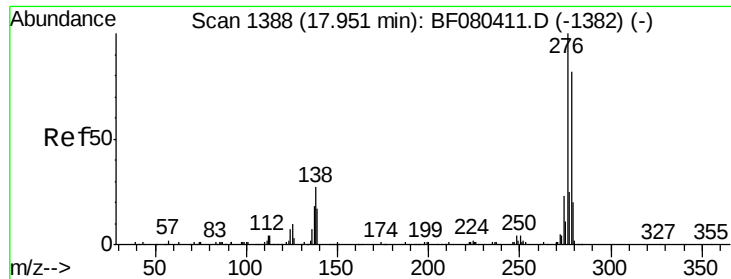
Delta R.T. -0.06 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		228075		
167	1.5		1.2	1.8	
43	11.2		9.0	13.6	





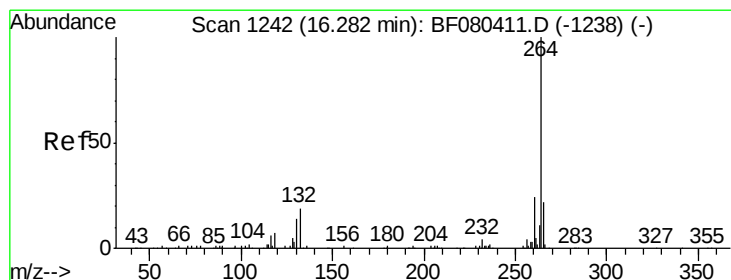
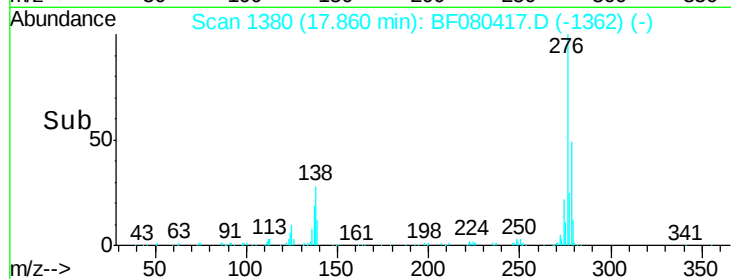
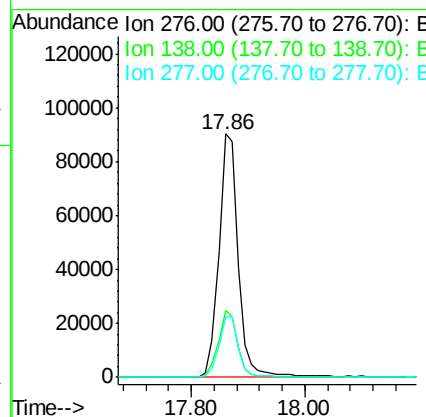
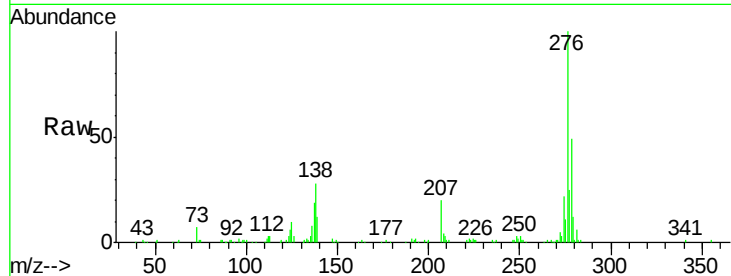
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.76 ng
 RT: 17.86 min Scan# 1380
 Delta R.T. -0.09 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	213437		
138	27.2	21.4	32.0	
277	24.9	19.5	29.3	

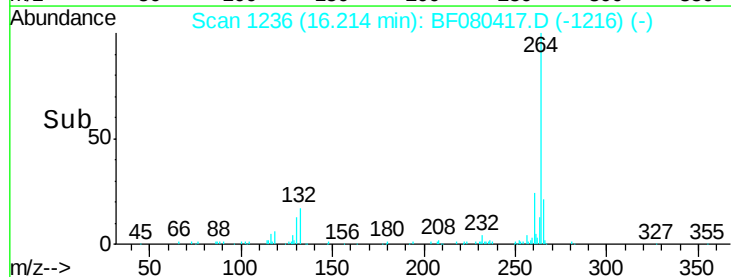
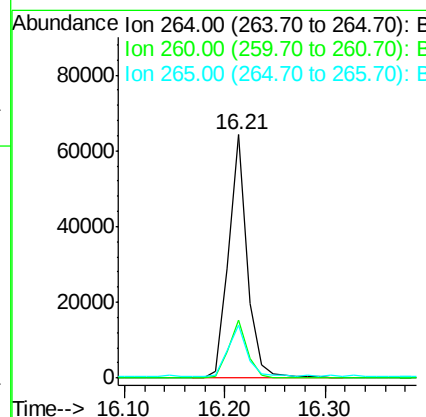
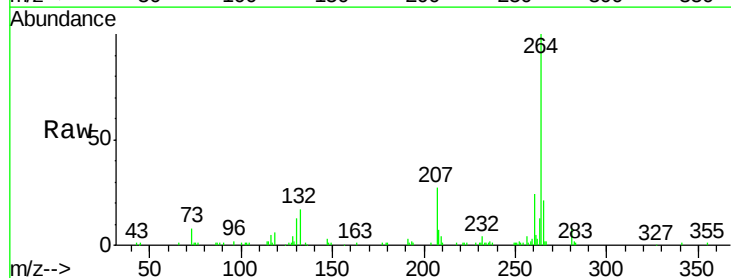
Manual Integrations
 APPROVED

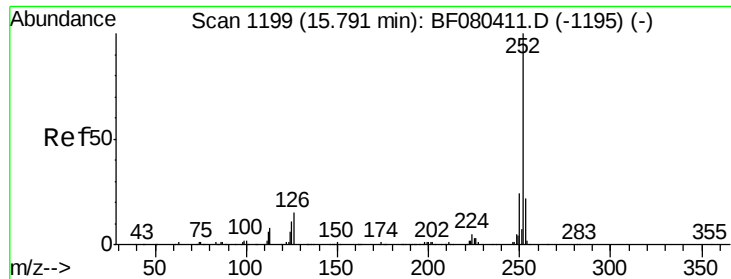
apatel
 7/13/2015 3:31:36 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 1236
 Delta R.T. -0.07 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	83152		
260	23.7	19.4	29.2	
265	21.5	17.8	26.8	





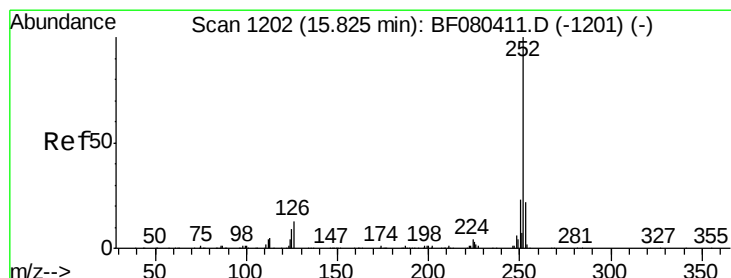
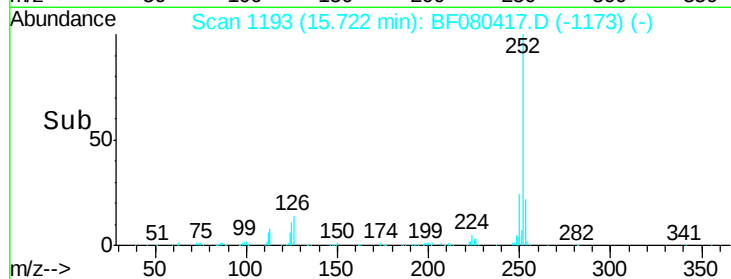
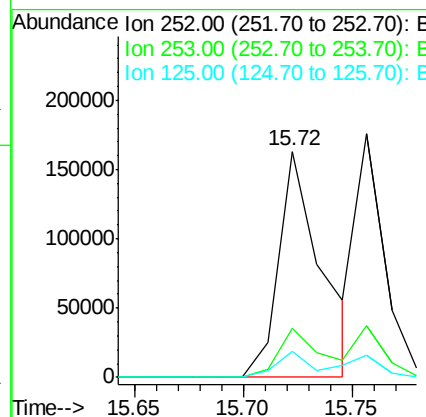
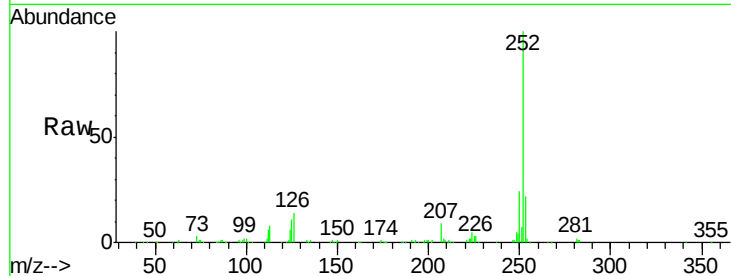
#87
Benzo(b)fluoranthene
Concen: 38.64 ng
RT: 15.72 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.2	8.6	12.8

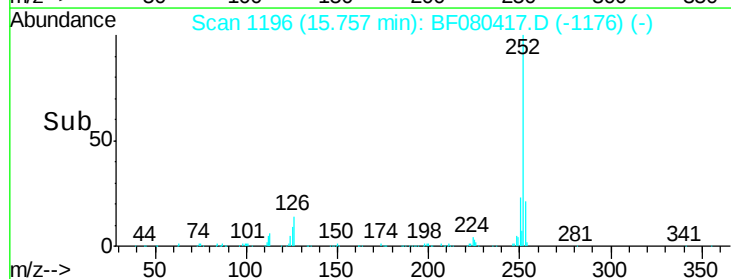
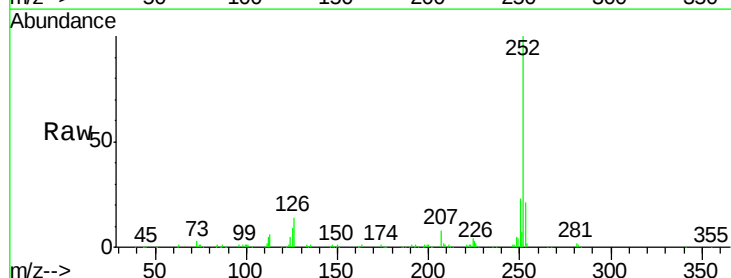
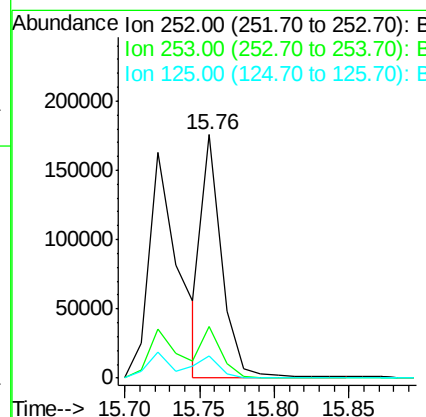
Manual Integrations
APPROVED

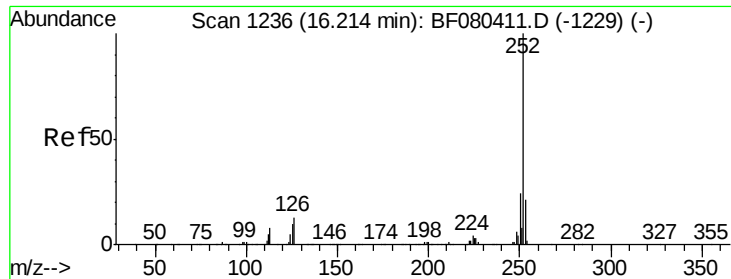
apatel
7/13/2015 3:31:36 PM



#88
Benzo(k)fluoranthene
Concen: 35.09 ng m
RT: 15.76 min Scan# 1196
Delta R.T. -0.07 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.0	17.7	26.5
125	9.4	8.4	12.6





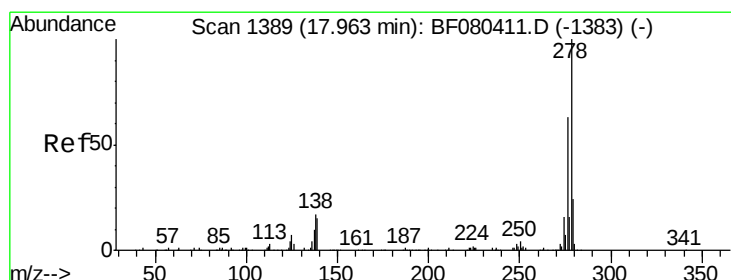
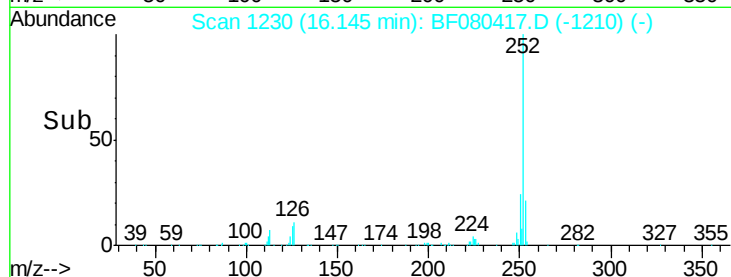
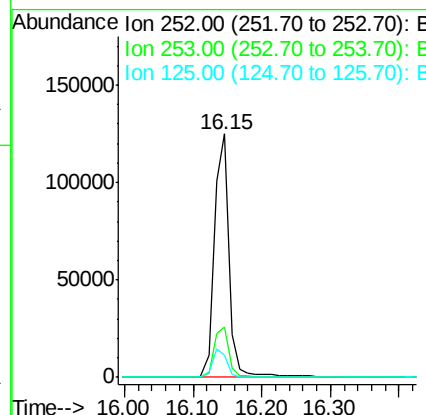
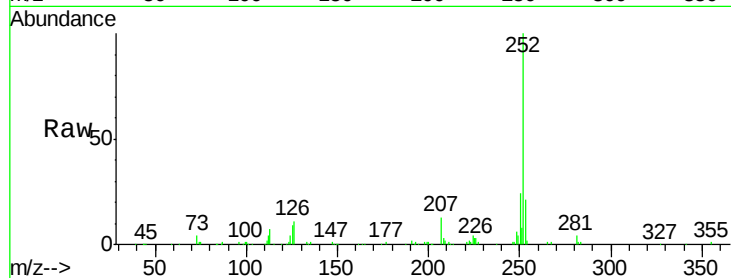
#89
Benzo(a)pyrene
Concen: 37.52 ng
RT: 16.15 min Scan# 1230
Delta R.T. -0.07 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.8	17.0	25.6
125	9.1	8.1	12.1

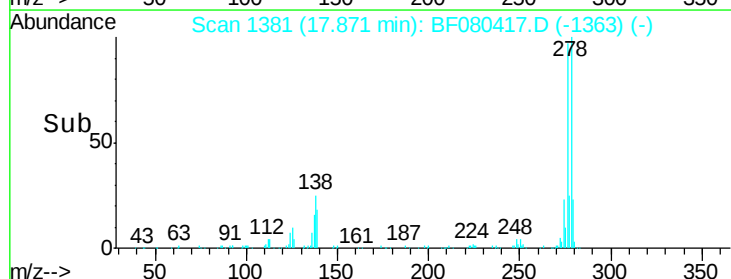
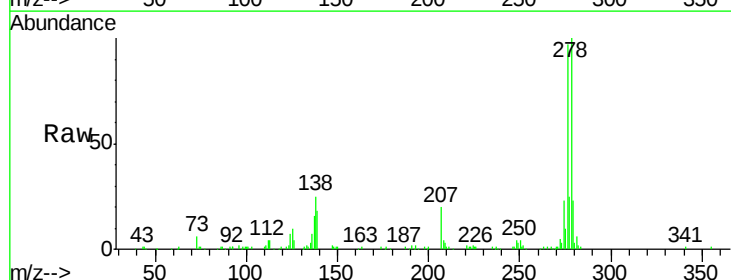
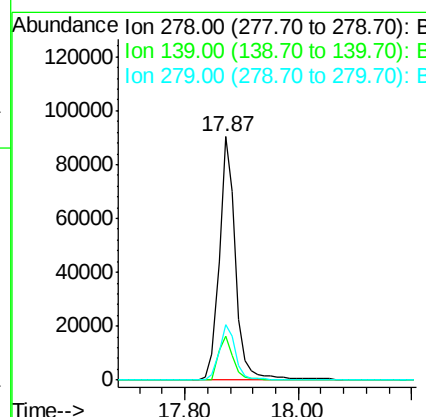
Manual Integrations
APPROVED

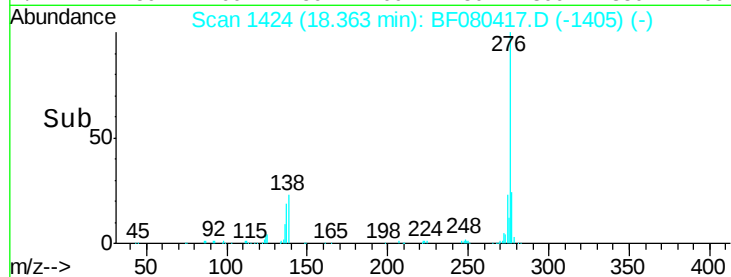
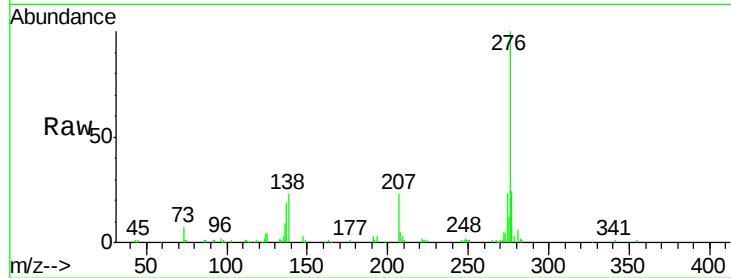
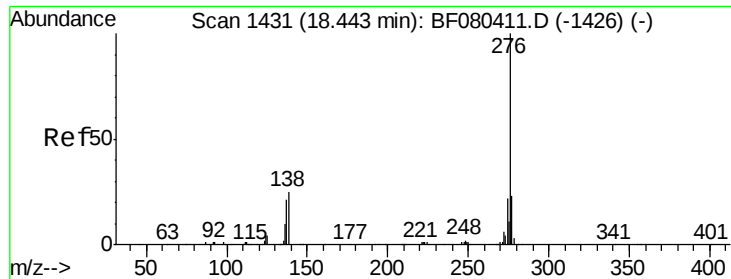
apatel
7/13/2015 3:31:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.63 ng
RT: 17.87 min Scan# 1381
Delta R.T. -0.09 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.2	11.8	17.8#
279	23.0	18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 36.73 ng
 RT: 18.36 min Scan# 1424
 Delta R.T. -0.08 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.2	27.4
138	23.1	20.3	30.5

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:31:36 PM

