

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080090.D
 Acq On : 20 Jun 2015 9:21
 Operator : TP/IZ
 Sample : PB84072BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Manual Integrations
 APPROVED

apatel
 6/22/2015 2:44:11 PM

Quant Time: Jun 22 01:49:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44714	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	182183	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	97130	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	201184	20.00	ng	-0.01
75) Chrysene-d12	14.89	240	212991	20.00	ng	0.03
86) Perylene-d12	16.79	264	205614	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	374481	148.25	ng	0.00
7) Phenol-d6	6.94	99	490028	145.78	ng	0.00
23) Nitrobenzene-d5	7.89	82	295382	94.39	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	140132	147.54	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	575565	84.51	ng	0.00
78) Terphenyl-d14	13.60	244	751125	82.36	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	38309	31.91	ng	88
3) Pyridine	4.04	79	134219	42.03	ng	# 80
4) n-Nitrosodimethylamine	3.94	42	64785	42.69	ng	89
6) Aniline	6.98	93	114101	24.67	ng	91
8) 2-Chlorophenol	7.11	128	126675	43.39	ng	# 81
9) Benzaldehyde	6.88	77	59731	30.78	ng	89
10) Phenol	6.95	94	170635	46.52	ng	86
11) bis(2-Chloroethyl)ether	7.05	93	123214	42.34	ng	87
12) 1,3-Dichlorobenzene	7.28	146	137682	39.26	ng	96
13) 1,4-Dichlorobenzene	7.35	146	153913m	46.15	ng	
14) 1,2-Dichlorobenzene	7.51	146	141014	43.45	ng	99
15) Benzyl Alcohol	7.45	79	114177	41.54	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.60	45	209233	48.44	ng	84
17) 2-Methylphenol	7.57	107	102343	41.04	ng	# 90
18) Hexachloroethane	7.85	117	49032	44.15	ng	89
19) n-Nitroso-di-n-propylamine	7.73	70	97191	41.65	ng	# 77
20) 3+4-Methylphenols	7.72	107	146088	45.39	ng	92
22) Acetophenone	7.73	105	184585	43.48	ng	# 80
24) Nitrobenzene	7.91	77	142064	43.98	ng	# 76
25) Isophorone	8.14	82	254218	40.36	ng	# 82
26) 2-Nitrophenol	8.23	139	67681	50.06	ng	# 74
27) 2,4-Dimethylphenol	8.25	122	130590	46.32	ng	87
28) bis(2-Chloroethoxy)methane	8.34	93	159359	43.07	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	124263	51.47	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	126739	46.23	ng	98
31) Naphthalene	8.64	128	370154m	38.86	ng	
32) Benzoic acid	8.31	122	66758	39.17	ng	# 59
33) 4-Chloroaniline	8.68	127	79147m	19.42	ng	
34) Hexachlorobutadiene	8.77	225	70120	41.53	ng	99
35) Caprolactam	9.02	113	34438	43.95	ng	# 82
36) 4-Chloro-3-methylphenol	9.16	107	113895	41.82	ng	95
37) 2-Methylnaphthalene	9.34	142	283797	46.06	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	134784	47.69	ng	99
40) Hexachlorocyclopentadiene	9.50	237	102804	71.41	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080090.D
 Acq On : 20 Jun 2015 9:21
 Operator : TP/IZ
 Sample : PB84072BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB84072BSD

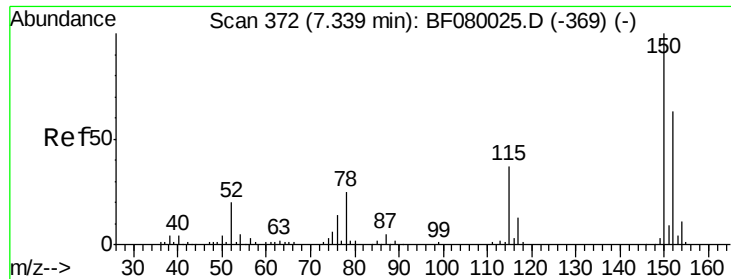
Manual Integrations
 APPROVED

apatel
 6/22/2015 2:44:11 PM

Quant Time: Jun 22 01:49:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	88885	46.22	ng	100
43) 2,4,5-Trichlorophenol	9.65	196	88654	40.01	ng #	86
45) 1,1'-Biphenyl	9.81	154	322978	40.87	ng	96
46) 2-Chloronaphthalene	9.83	162	253064	39.47	ng #	93
47) 2-Nitroaniline	9.92	65	73476	41.74	ng	93
48) Acenaphthylene	10.25	152	429659	40.15	ng	97
49) Dimethylphthalate	10.09	163	311885	42.71	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	60476	41.31	ng #	35
51) Acenaphthene	10.42	154	266484	40.70	ng	93
52) 3-Nitroaniline	10.32	138	49304	29.19	ng #	52
53) 2,4-Dinitrophenol	10.44	184	49840	83.38	ng #	1
54) Dibenzofuran	10.60	168	375571	40.43	ng #	85
55) 4-Nitrophenol	10.47	139	119476	88.50	ng #	51
56) 2,4-Dinitrotoluene	10.56	165	93111	50.12	ng #	82
57) Fluorene	10.95	166	318462	43.20	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.71	232	75132	40.16	ng	99
59) Diethylphthalate	10.79	149	297229	40.42	ng	97
60) 4-Chlorophenyl-phenylether	10.93	204	142972	40.36	ng #	81
61) 4-Nitroaniline	10.94	138	66941	38.37	ng #	48
62) Azobenzene	11.09	77	299802	40.05	ng	85
64) 4,6-Dinitro-2-methylphenol	10.97	198	33773	36.75	ng	88
65) n-Nitrosodiphenylamine	11.04	169	264813	40.42	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	94303	44.08	ng #	89
67) Hexachlorobenzene	11.51	284	101968	42.89	ng #	83
68) Atrazine	11.57	200	84066	40.62	ng	82
69) Pentachlorophenol	11.69	266	106042	78.71	ng	99
70) Phenanthrene	11.92	178	465450	38.21	ng	97
71) Anthracene	11.98	178	497613	42.43	ng	98
72) Carbazole	12.13	167	423209	37.80	ng	95
73) Di-n-butylphthalate	12.46	149	541614	41.87	ng #	98
74) Fluoranthene	13.19	202	506391	39.04	ng	96
76) Benzidine	13.32	184	337938	56.76	ng	98
77) Pyrene	13.45	202	520813	39.71	ng	96
79) Butylbenzylphthalate	14.15	149	229238	43.53	ng #	78
80) Benzo(a)anthracene	14.88	228	514318	39.64	ng	97
81) 3,3'-Dichlorobenzidine	14.83	252	175994	39.33	ng #	94
82) Chrysene	14.93	228	476994m	39.87	ng	
83) Bis(2-ethylhexyl)phthalate	14.86	149	350410	42.10	ng	96
84) Di-n-octyl phthalate	15.67	149	593306	41.60	ng	95
85) Indeno(1,2,3-cd)pyrene	18.65	276	561438	37.21	ng #	89
87) Benzo(b)fluoranthene	16.24	252	502105	40.33	ng #	89
88) Benzo(k)fluoranthene	16.29	252	497918	39.28	ng #	86
89) Benzo(a)pyrene	16.71	252	491782	41.60	ng #	87
90) Dibenzo(a,h)anthracene	18.68	278	477272	39.44	ng #	80
91) Benzo(g,h,i)perylene	19.21	276	476686	39.01	ng #	77

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



#1

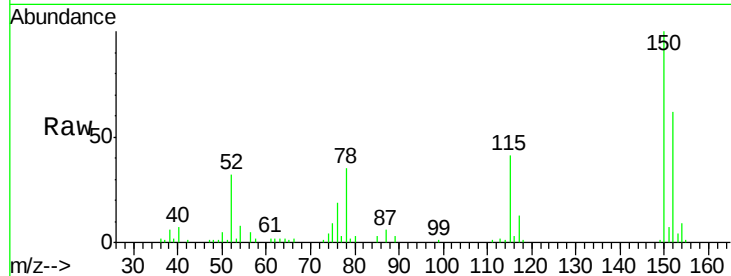
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

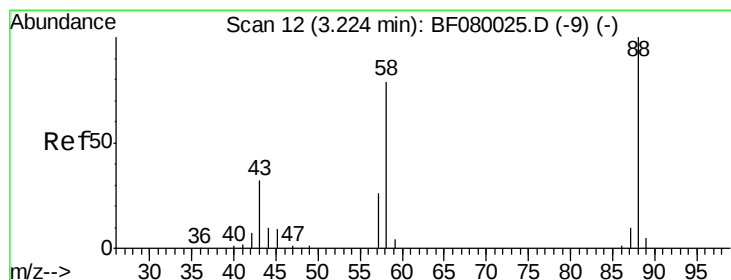
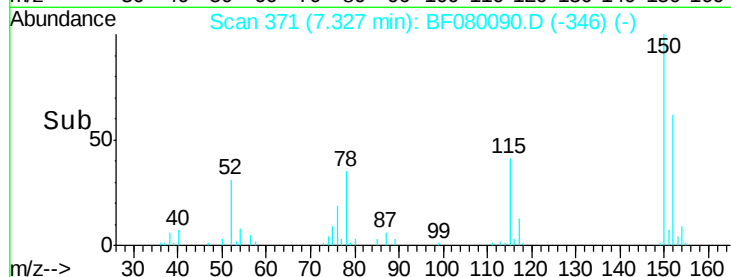
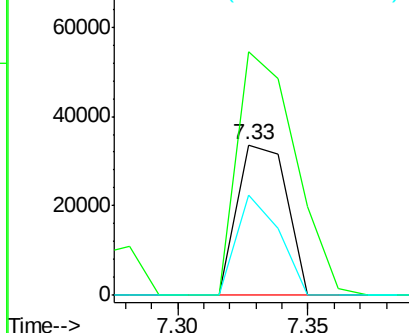
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.7	187.1
115	66.4	39.0	58.4

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



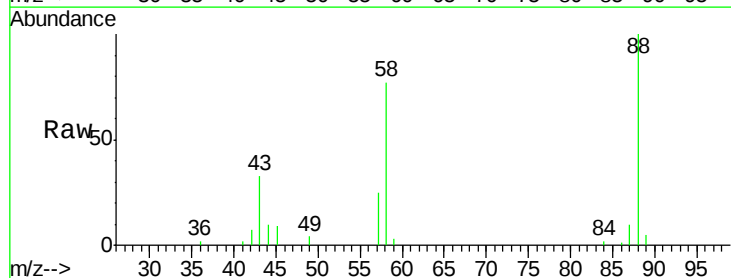
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



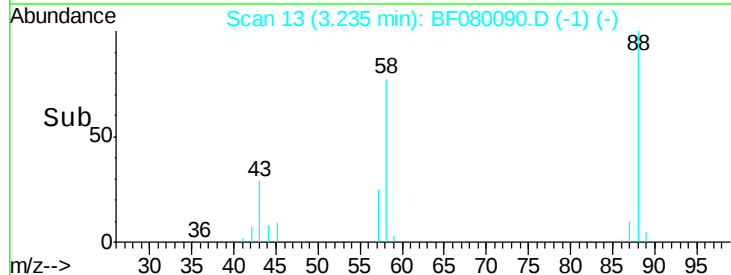
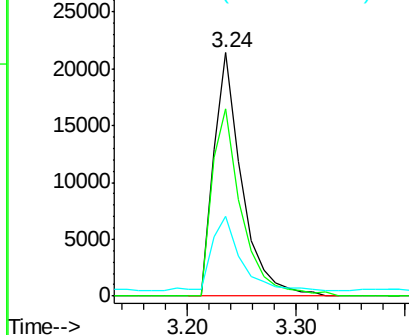
#2

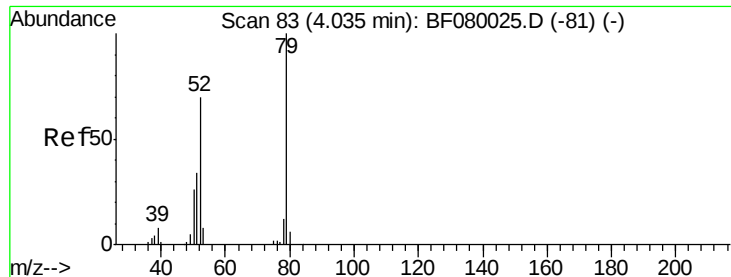
1,4-Dioxane
Concen: 31.91 ng
RT: 3.24 min Scan# 13
Delta R.T. 0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	77.7	116.5
43	32.0	26.6	40.0



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: 42.03 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

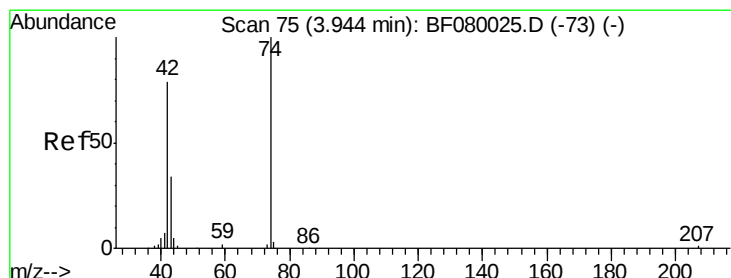
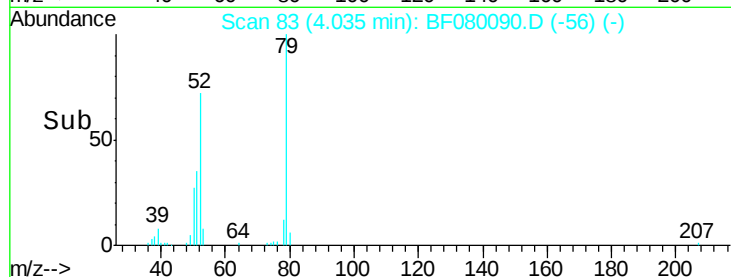
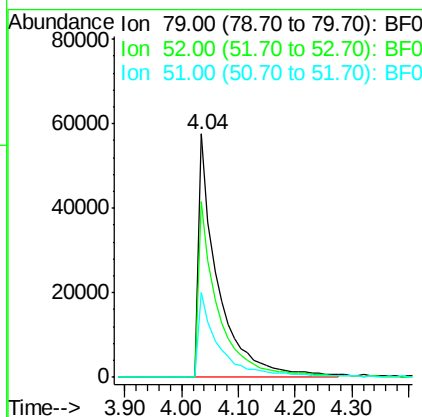
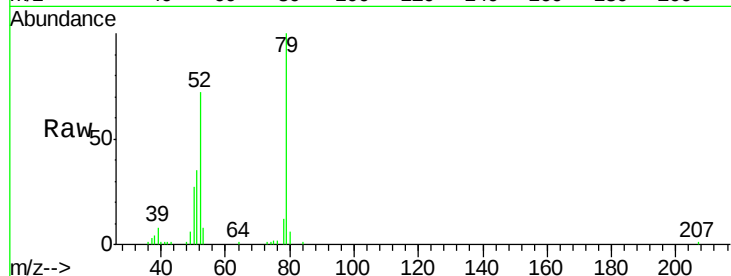
ClientSampleId :

PB84072BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	72.3	76.8	115.2#
51	35.0	32.2	48.4

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#4

n-Nitrosodimethylamine

Concen: 42.69 ng

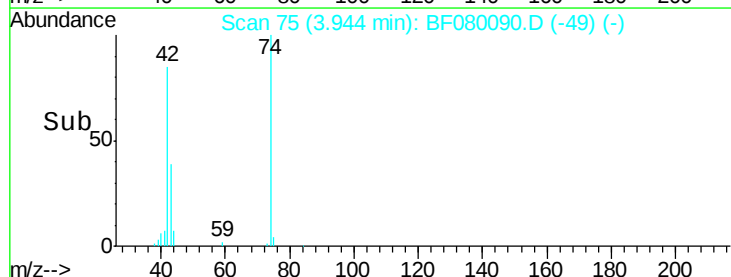
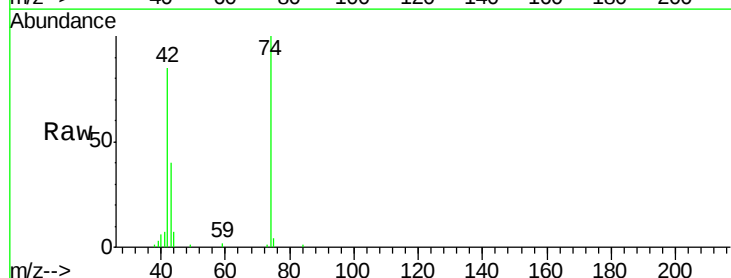
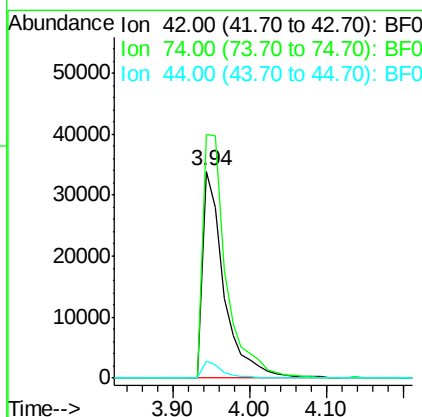
RT: 3.94 min Scan# 75

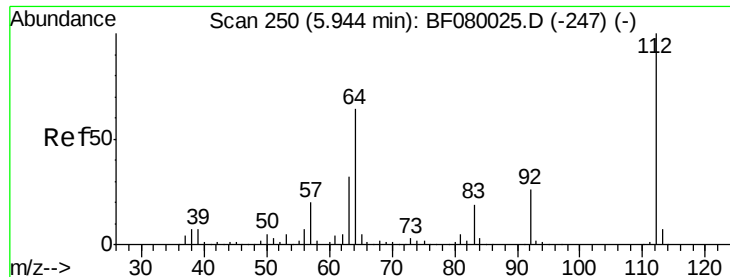
Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.8	105.0	157.6
44	8.2	6.6	10.0





#5

2-Fluorophenol

Concen: 148.25 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

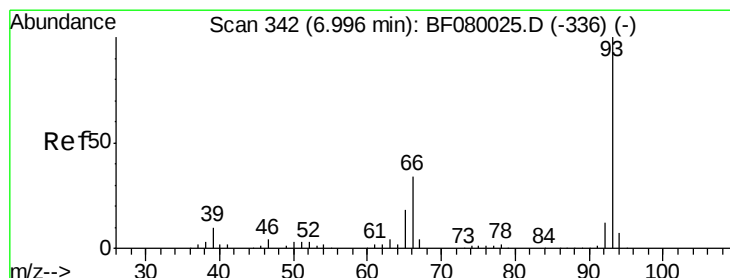
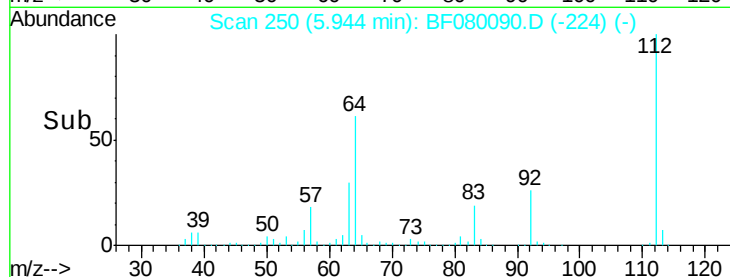
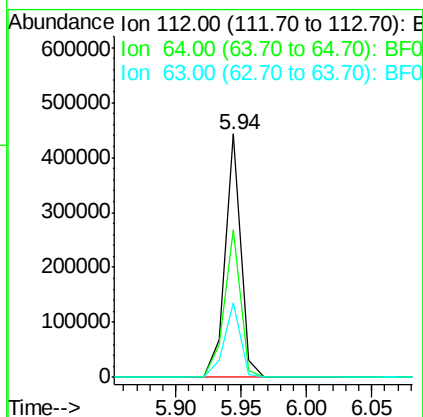
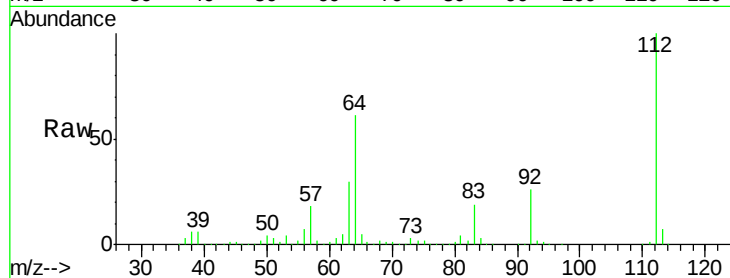
ClientSampleId :

PB84072BSD

Tgt Ion:	112	Resp:	374481
Ion Ratio	Lower	Upper	
112	100		
64	60.5	39.7	59.5#
63	30.4	17.4	26.0#

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#6

Aniline

Concen: 24.67 ng

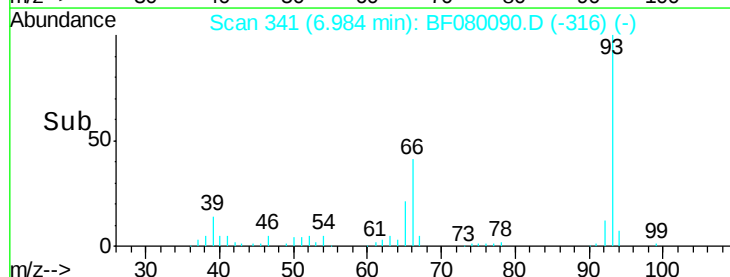
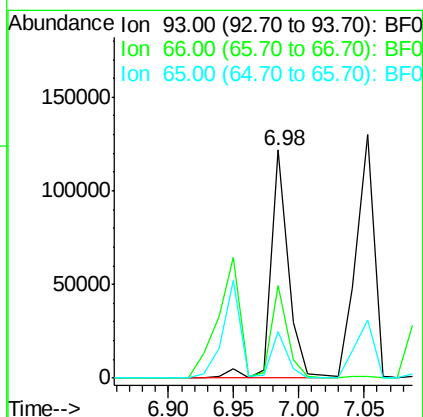
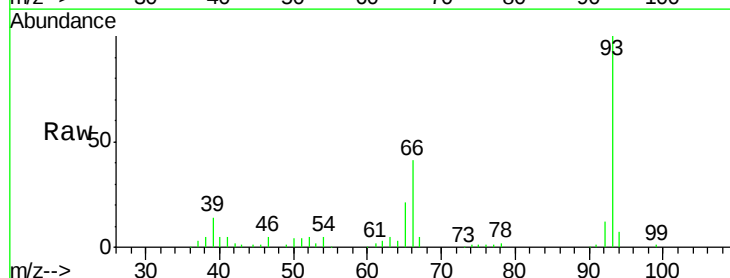
RT: 6.98 min Scan# 341

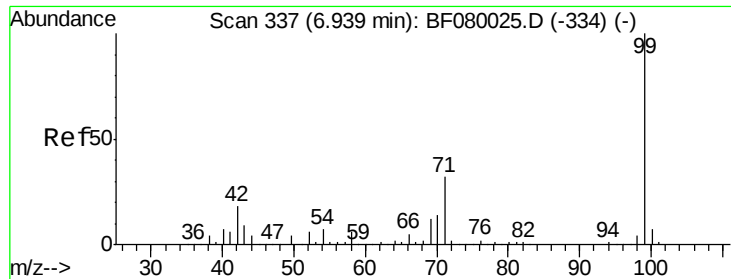
Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	93	Resp:	114101
Ion Ratio	Lower	Upper	
93	100		
66	40.6	27.2	40.8
65	20.6	14.7	22.1





#7

Phenol-d6

Concen: 145.78 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080090.D

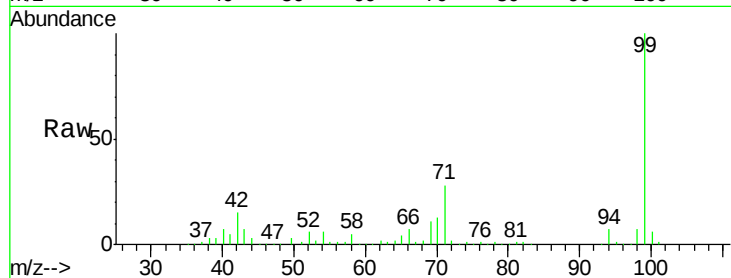
Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

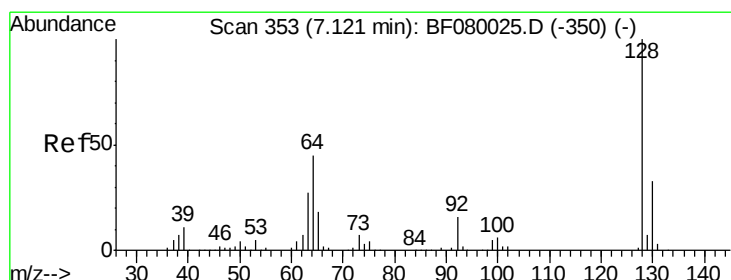
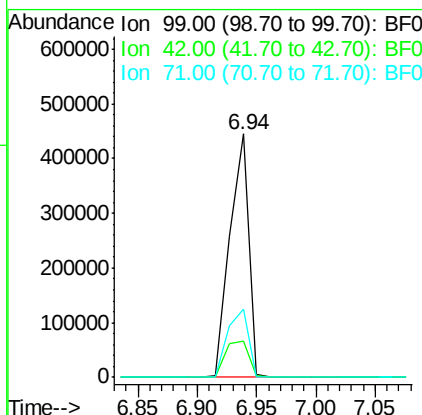
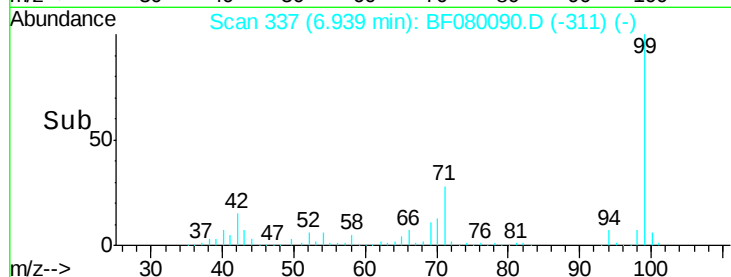
PB84072BSD



Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	28.3	14.2	21.2

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#8

2-Chlorophenol

Concen: 43.39 ng

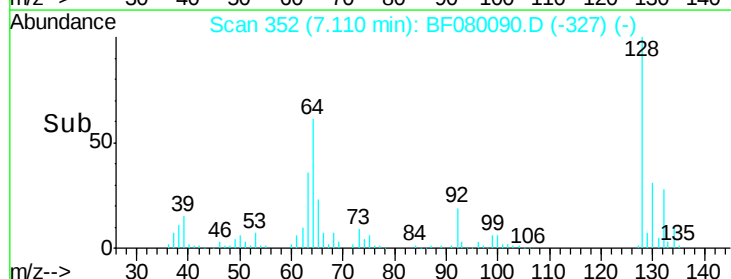
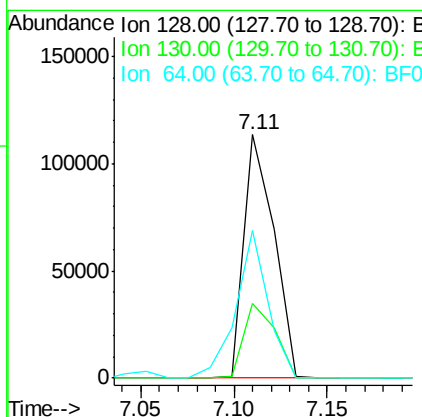
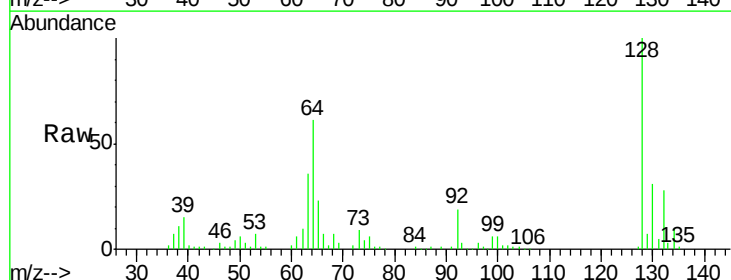
RT: 7.11 min Scan# 352

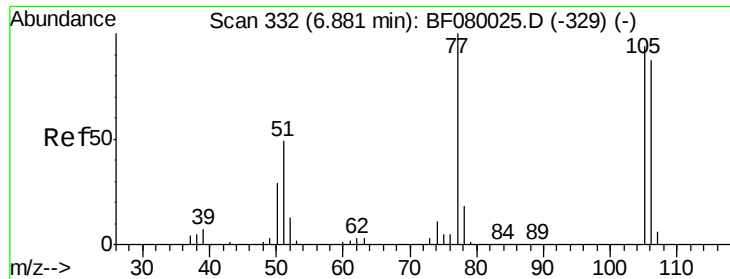
Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
128	100		
130	30.7	12.2	52.2
64	60.7	20.5	60.5





#9

Benzaldehyde

Concen: 30.78 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

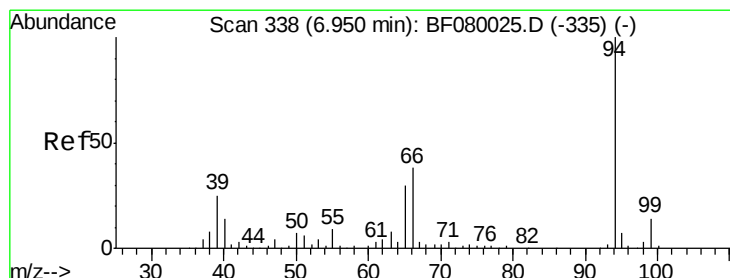
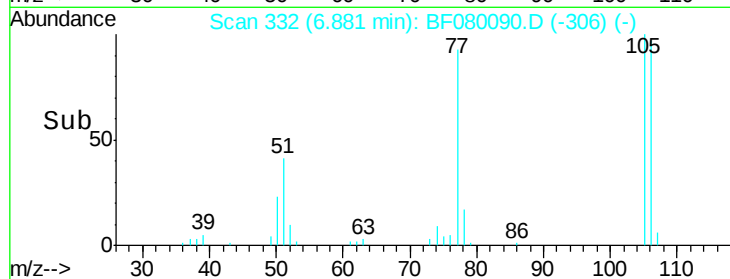
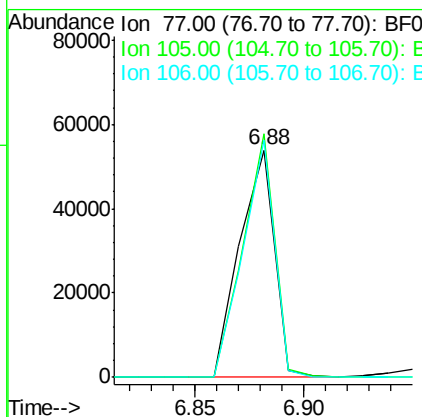
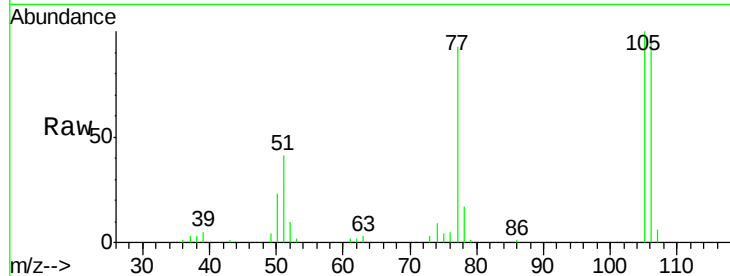
PB84072BSD

Manual Integrations
APPROVED

apatel

6/22/2015 2:44:11 PM

Tgt Ion:	77	Resp:	59731
Ion	Ratio	Lower	Upper
77	100		
105	107.0	91.6	131.6
106	104.3	102.6	142.6



#10

Phenol

Concen: 46.52 ng

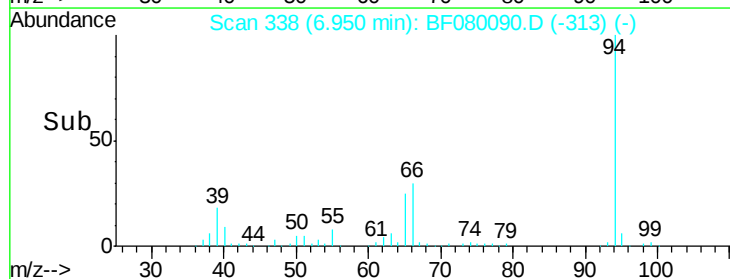
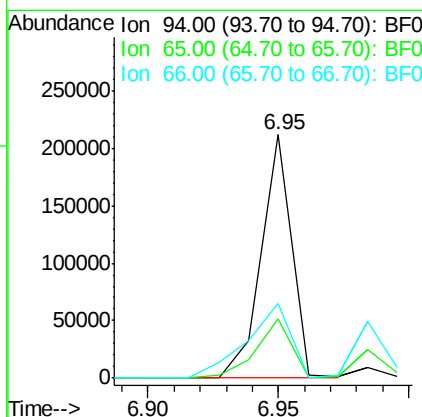
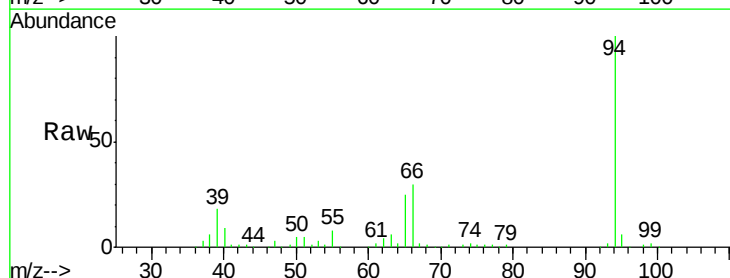
RT: 6.95 min Scan# 338

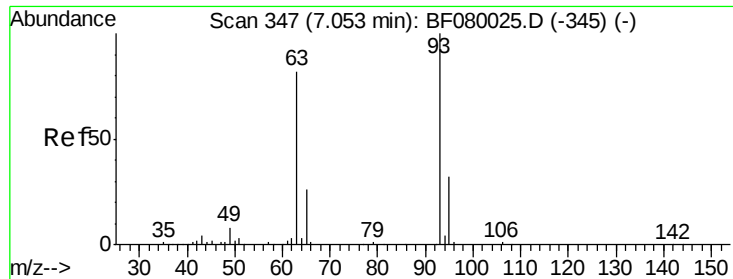
Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	94	Resp:	170635
Ion	Ratio	Lower	Upper
94	100		
65	24.6	0.7	40.7
66	30.4	0.8	40.8





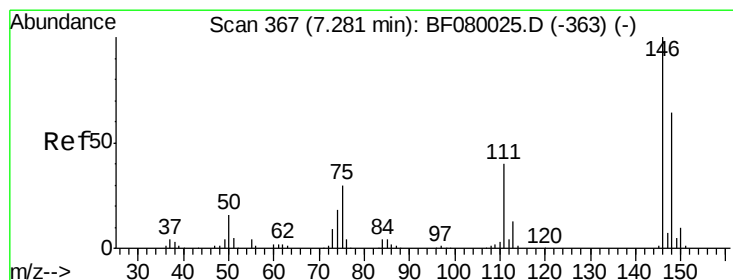
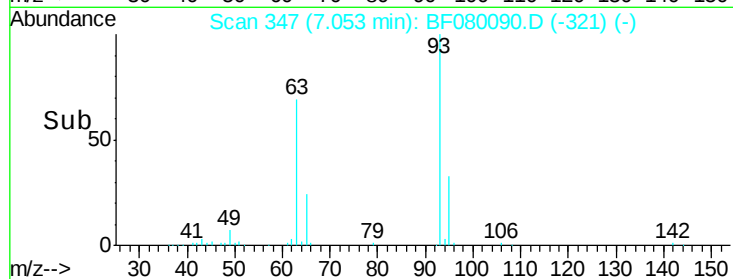
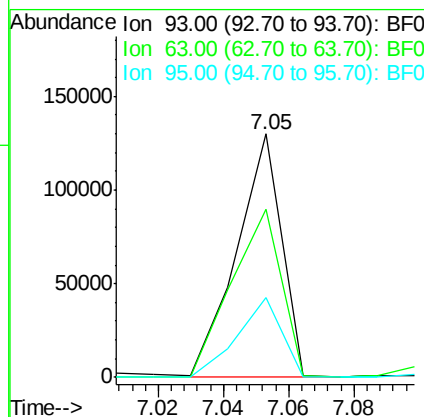
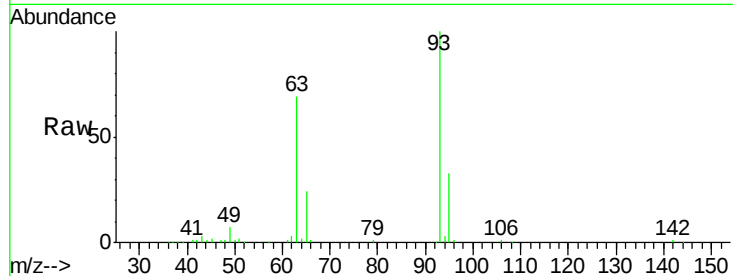
#11
bis(2-Chloroethyl)ether
Concen: 42.34 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion:	93	Resp:	123214
Ion Ratio	Lower	Upper	
93	100		
63	69.3	65.6	105.6
95	32.6	13.6	53.6

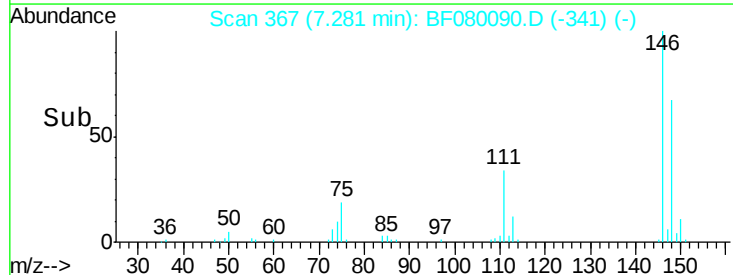
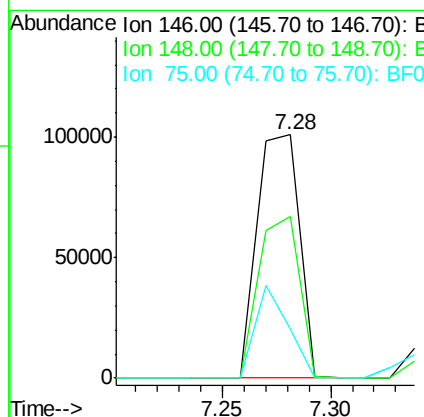
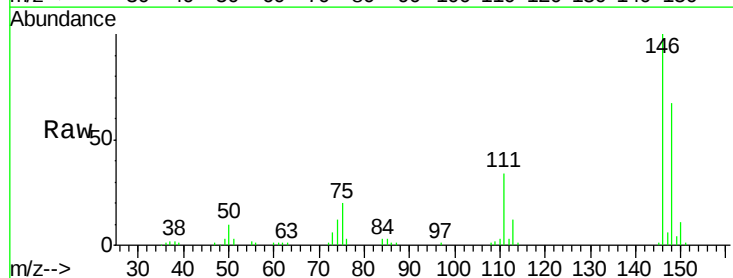
Manual Integrations
APPROVED

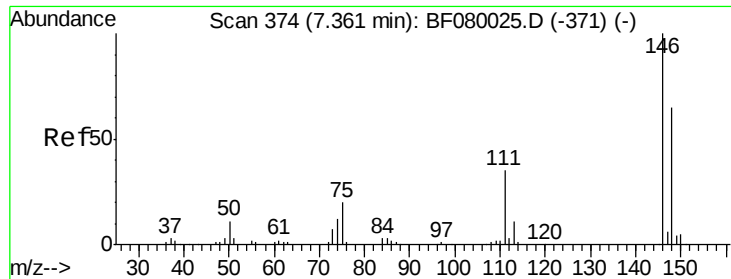
apatel
6/22/2015 2:44:11 PM



#12
1,3-Dichlorobenzene
Concen: 39.26 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion:	146	Resp:	137682
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.0	76.4
75	19.9	15.0	22.6





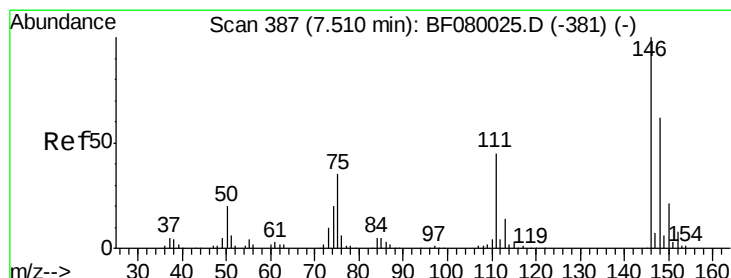
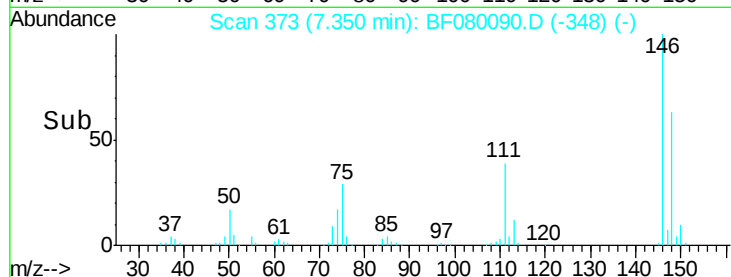
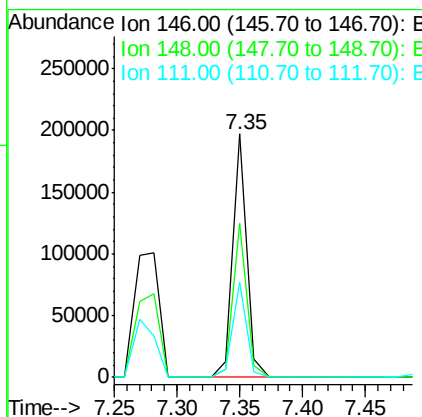
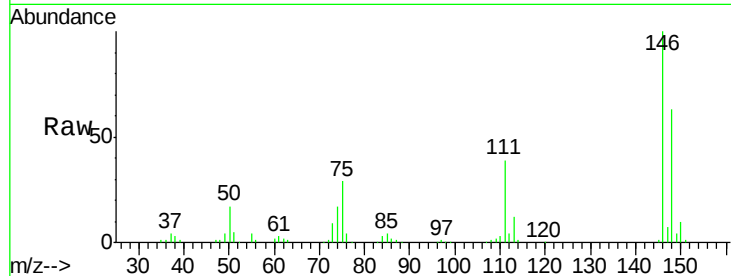
#13
 1,4-Dichlorobenzene
 Concen: 46.15 ng m
 RT: 7.35 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
111	39.1	24.9	37.3

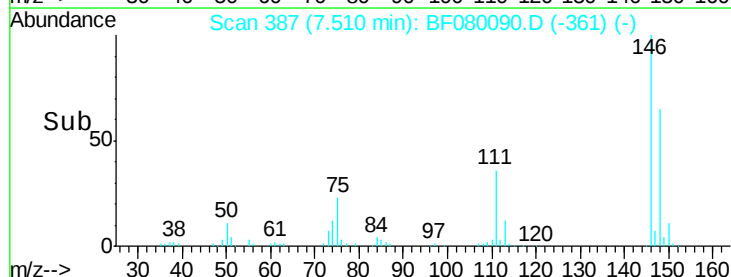
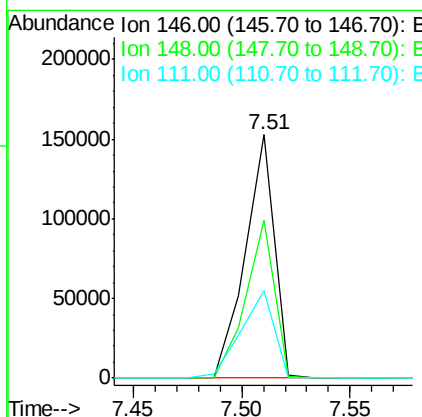
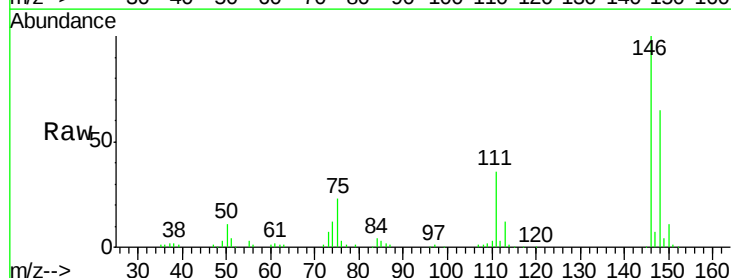
Manual Integrations
 APPROVED

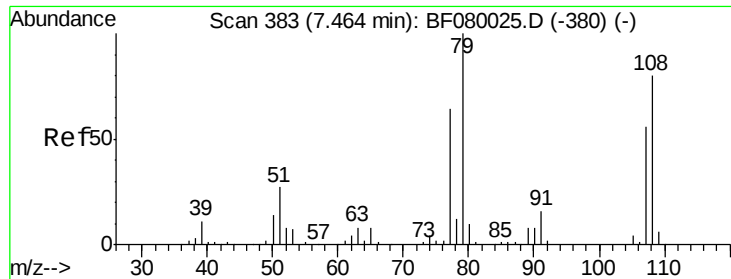
apatel
 6/22/2015 2:44:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.45 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.7	79.1
111	35.8	28.8	43.2





#15

Benzyl Alcohol

Concen: 41.54 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

Tgt Ion: 79 Resp: 114177

Ion Ratio Lower Upper

79 100

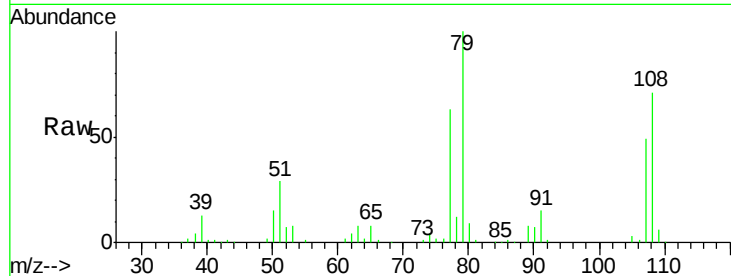
108 71.1 88.6 132.8#

77 62.9 47.0 70.4

Manual Integrations
APPROVED

apatel

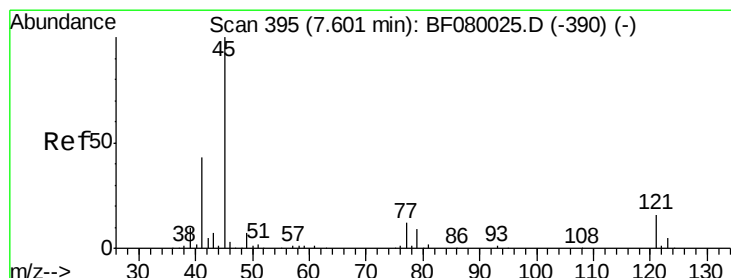
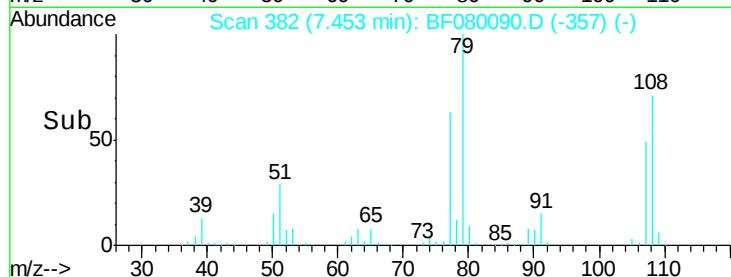
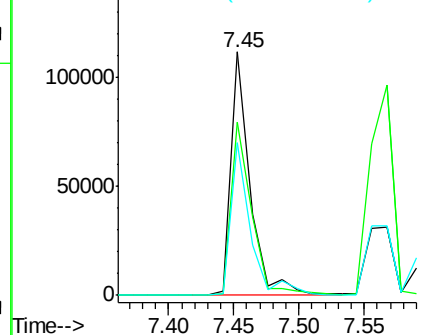
6/22/2015 2:44:11 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.44 ng

RT: 7.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

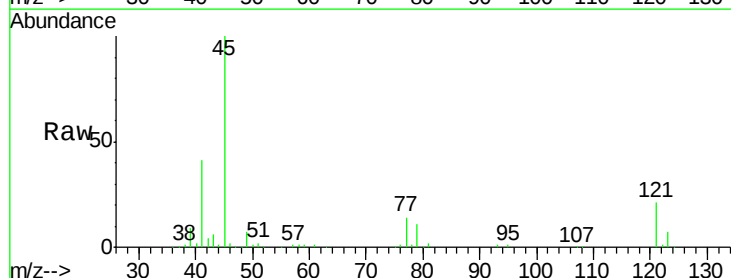
Tgt Ion: 45 Resp: 209233

Ion Ratio Lower Upper

45 100

77 13.8 0.0 28.1

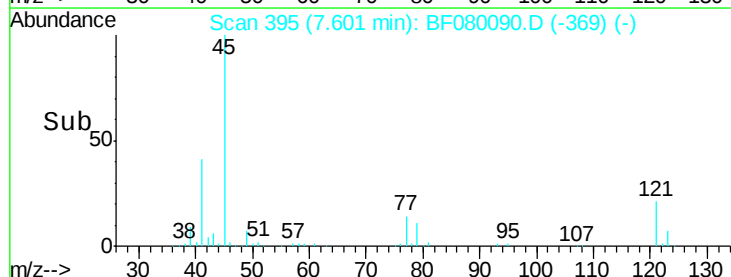
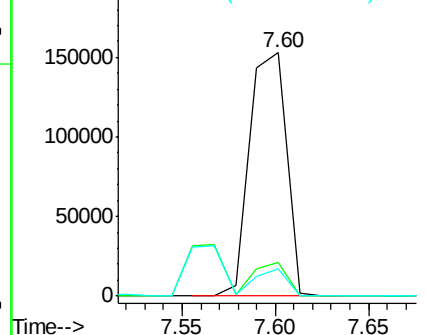
79 11.0 0.0 26.0

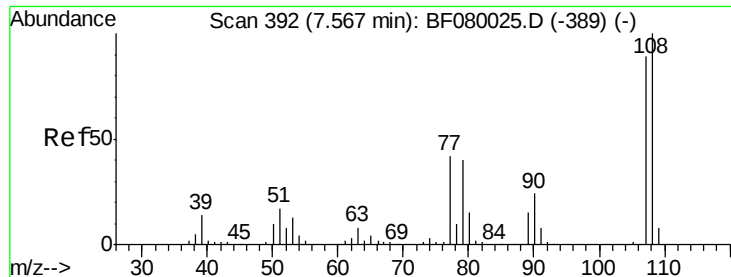


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





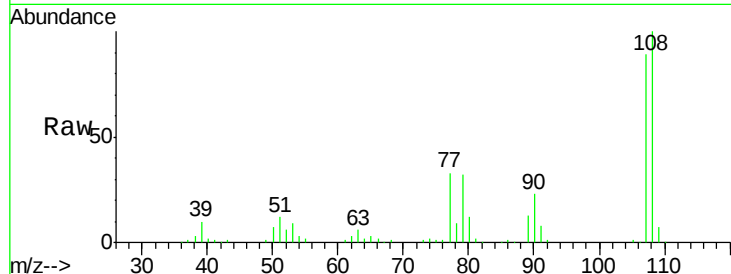
#17
2-Methylphenol
Concen: 41.04 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

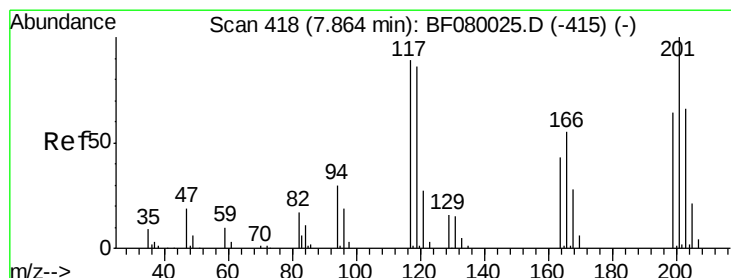
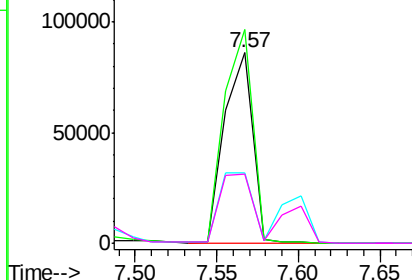
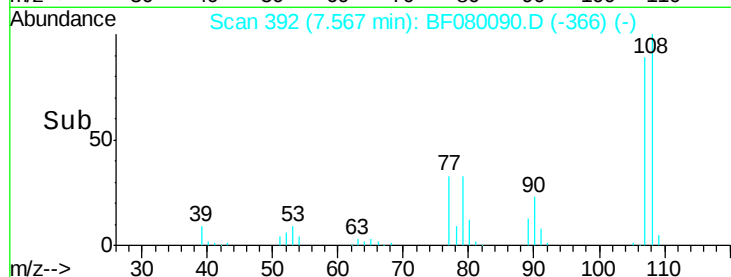
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	102343		
108	112.2	96.6	145.0	
77	37.3	23.3	34.9#	
79	36.3	22.0	33.0#	

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM

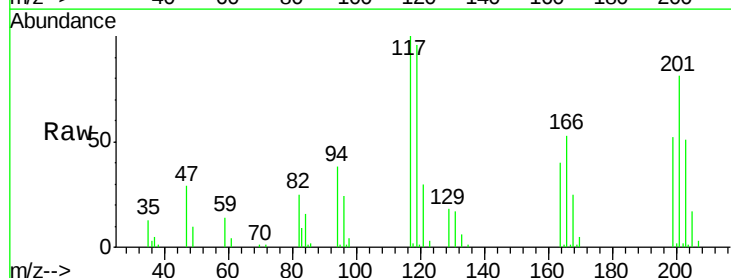


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

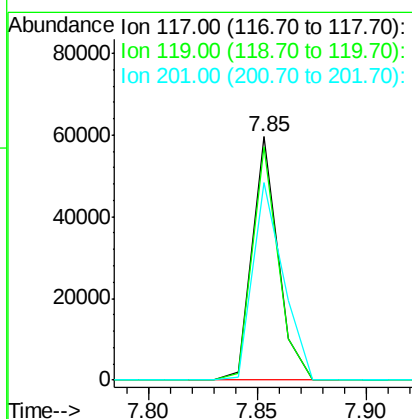
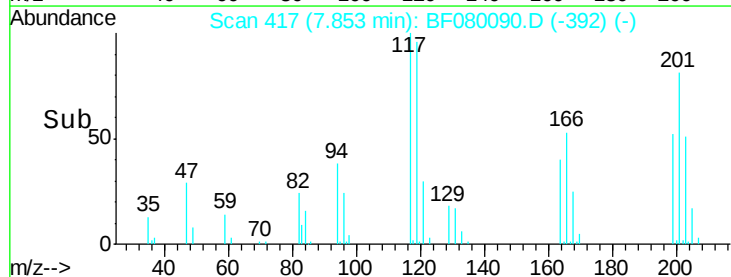


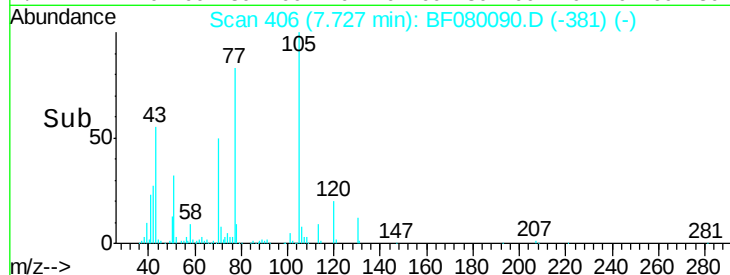
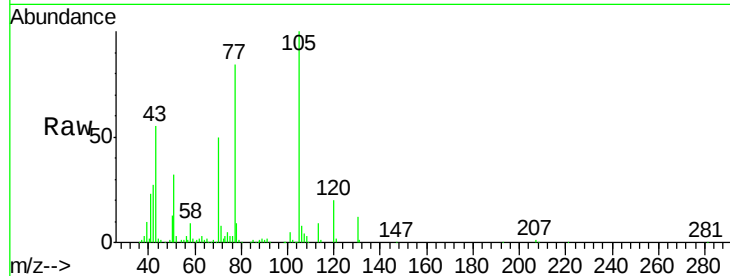
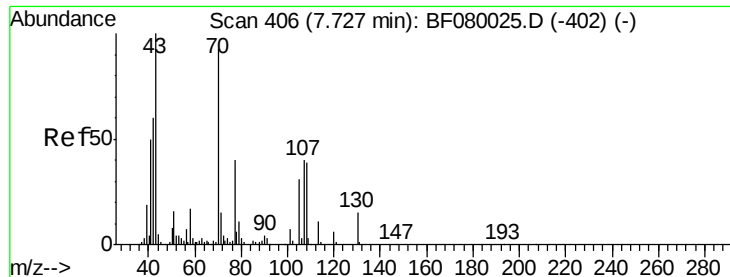
#18
Hexachloroethane
Concen: 44.15 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49032		
119	95.9	83.8	125.6	
201	81.2	55.1	82.7	



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





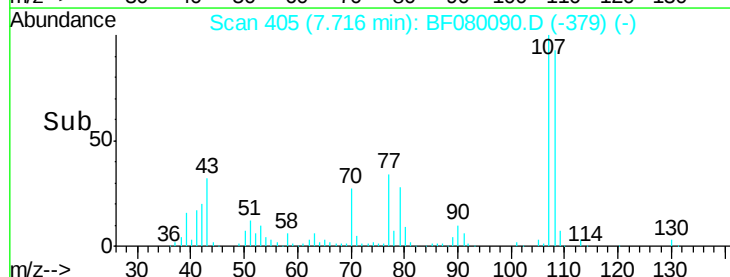
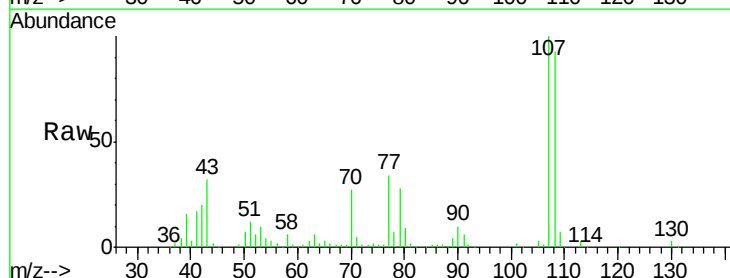
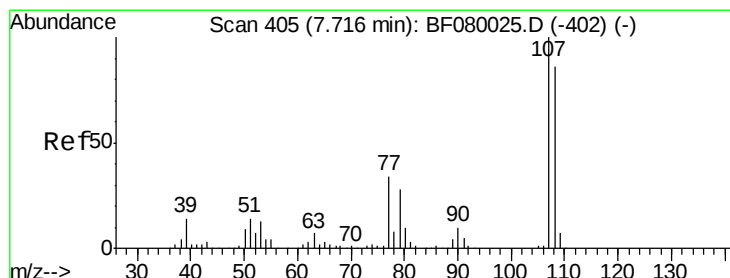
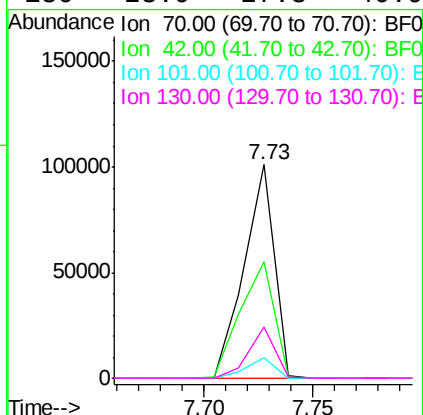
#19
n-Nitroso-di-n-propylamine
Concen: 41.65 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Manual Integrations
APPROVED

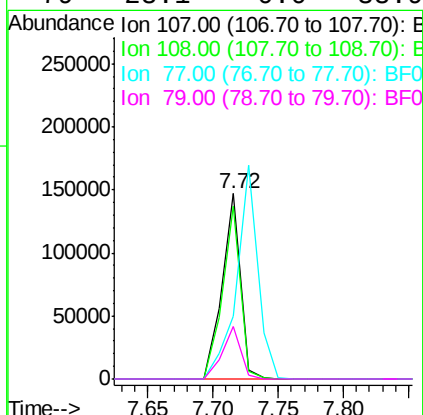
apatel
6/22/2015 2:44:11 PM

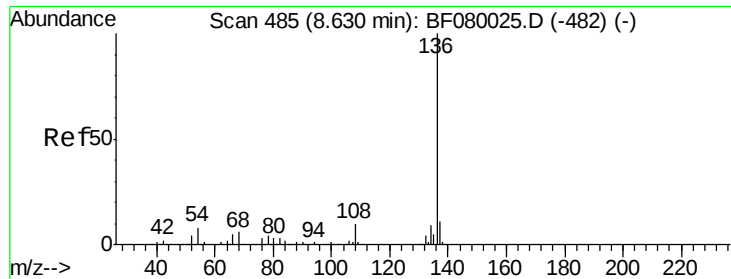
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.4	63.8	95.6#
101	9.9	9.2	13.8
130	23.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 45.39 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	74.6	114.6
77	33.6	0.7	40.7
79	28.1	0.0	38.9





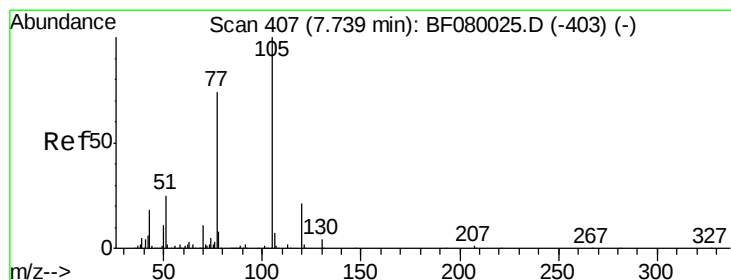
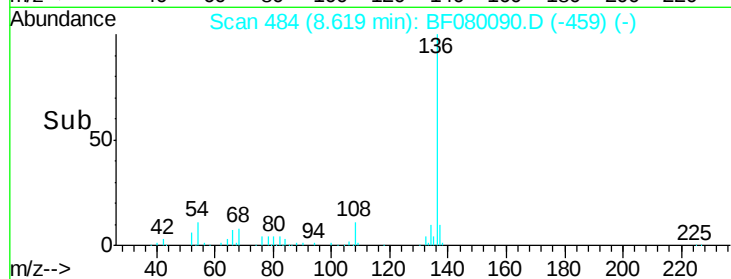
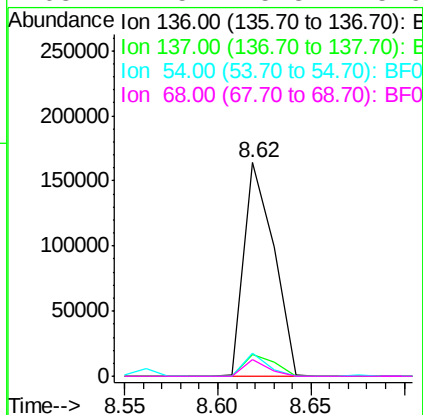
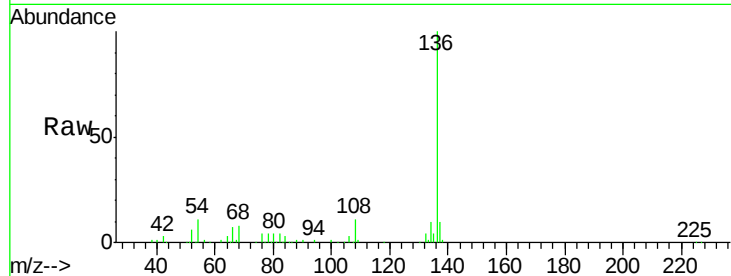
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	182183		
137	10.3	9.0	13.6	
54	11.0	8.2	12.2	
68	7.5	5.8	8.6	

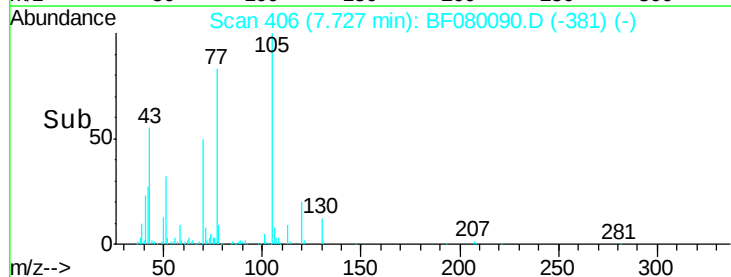
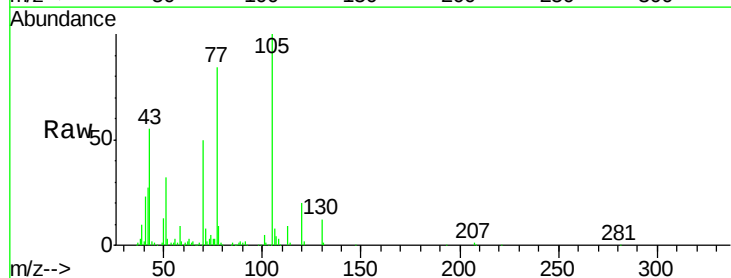
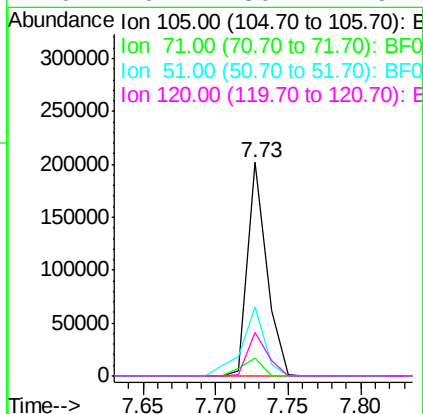
Manual Integrations
APPROVED

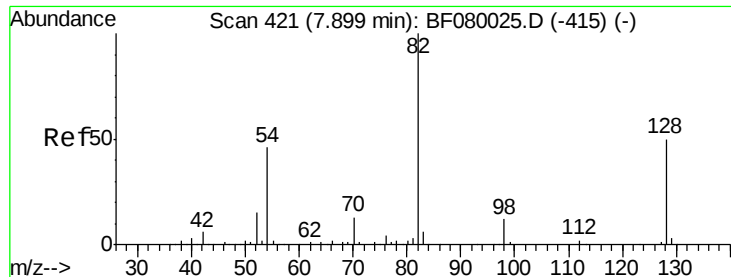
apatel
6/22/2015 2:44:11 PM



#22
Acetophenone
Concen: 43.48 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184585		
71	8.3	4.7	7.1#	
51	32.4	22.0	33.0	
120	20.2	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 94.39 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

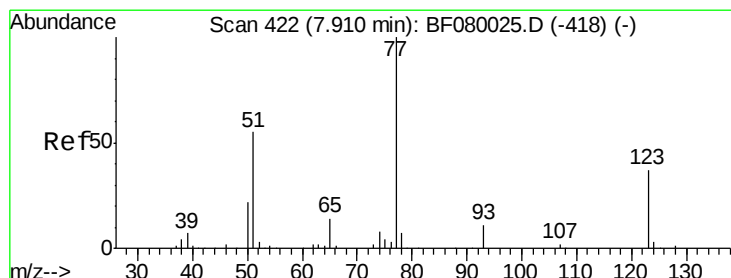
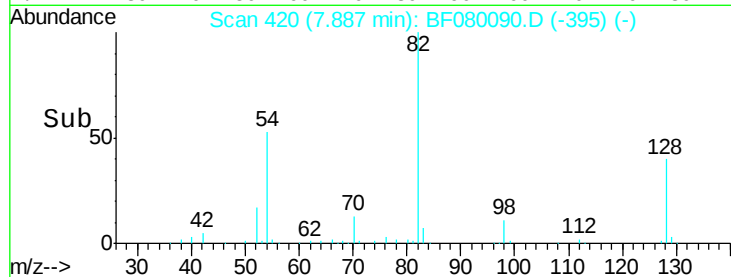
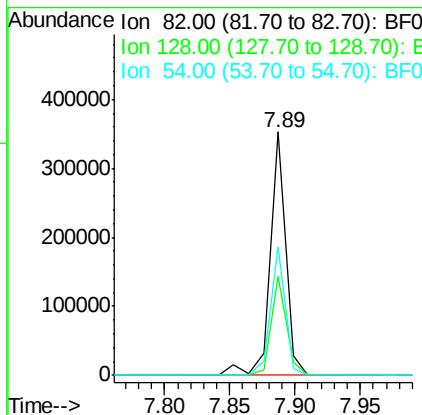
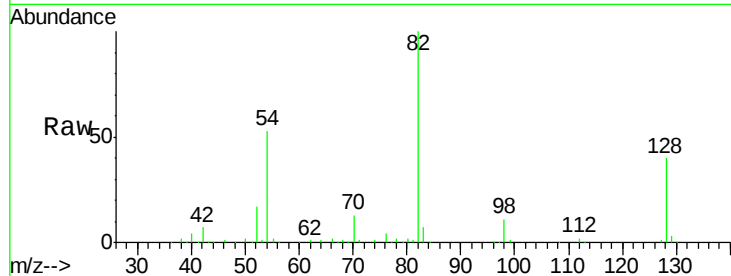
ClientSampleId :

PB84072BSD

Tgt Ion:	82	Resp:	295382
Ion Ratio	Lower	Upper	
82	100		
128	40.5	51.0	76.6#
54	52.6	47.5	71.3

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#24

Nitrobenzene

Concen: 43.98 ng

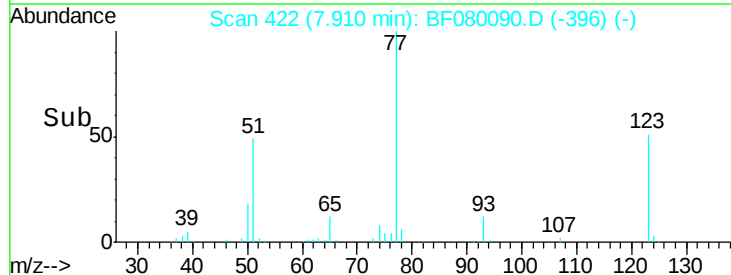
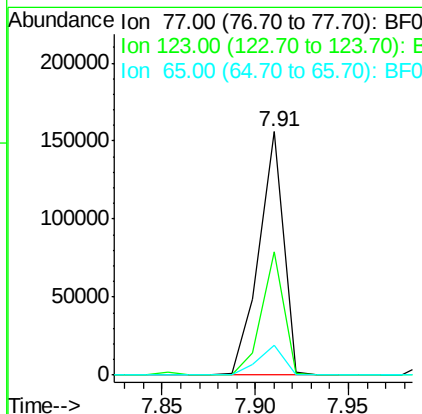
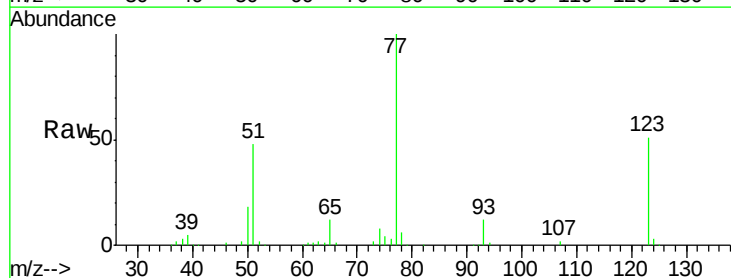
RT: 7.91 min Scan# 422

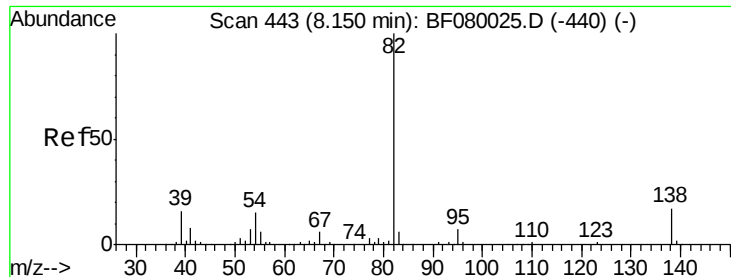
Delta R.T. -0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	77	Resp:	142064
Ion Ratio	Lower	Upper	
77	100		
123	50.6	59.8	89.8#
65	12.2	10.2	15.4





#25

Isophorone

Concen: 40.36 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

Tgt Ion: 82 Resp: 254218
Ion Ratio Lower Upper

82 100

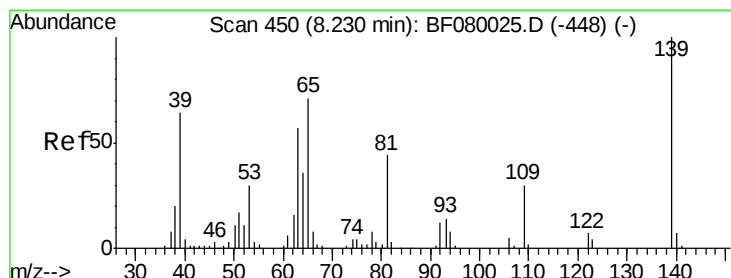
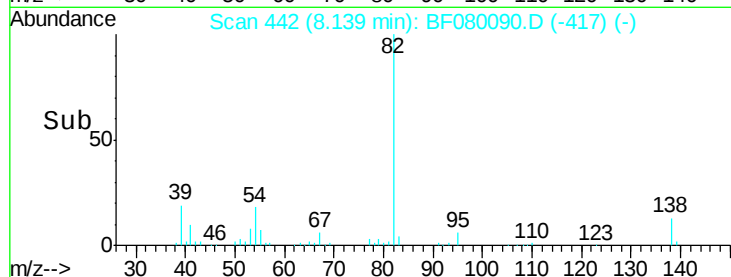
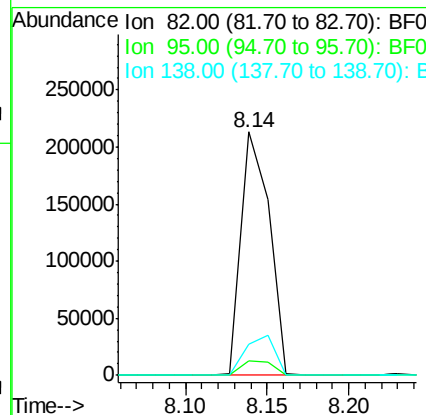
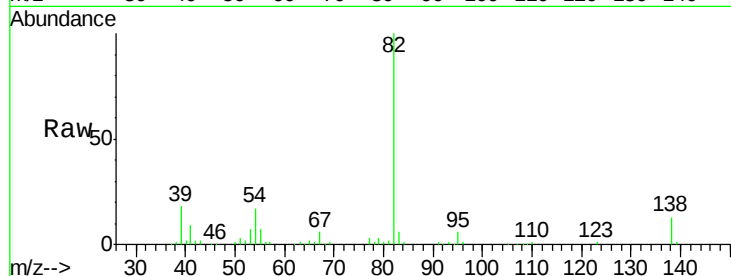
95 6.0 4.0 6.0#

138 12.5 18.3 27.5#

Manual Integrations
APPROVED

apatel

6/22/2015 2:44:11 PM



#26

2-Nitrophenol

Concen: 50.06 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080090.D

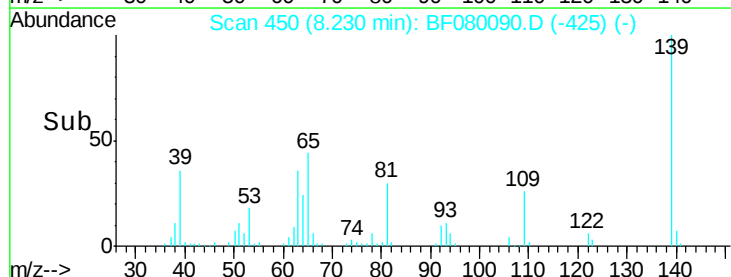
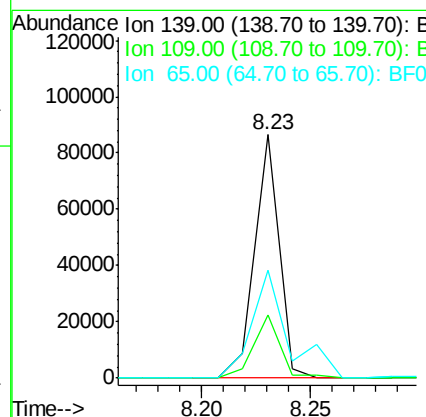
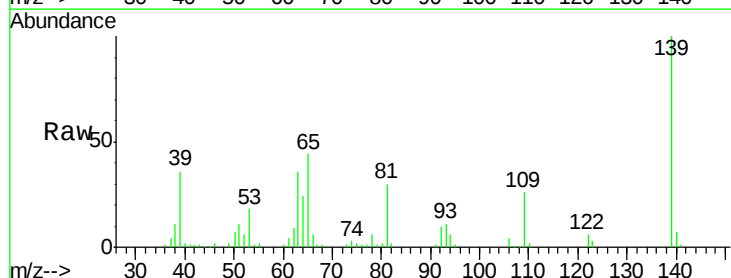
Acq: 20 Jun 2015 9:21

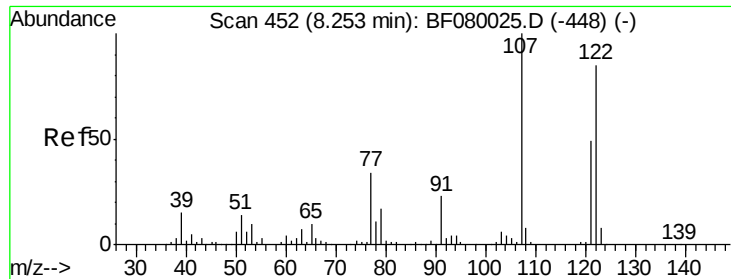
Tgt Ion: 139 Resp: 67681
Ion Ratio Lower Upper

139 100

109 25.7 11.0 16.4#

65 44.2 24.7 37.1#





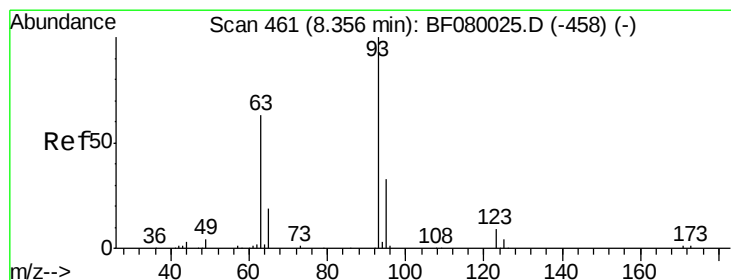
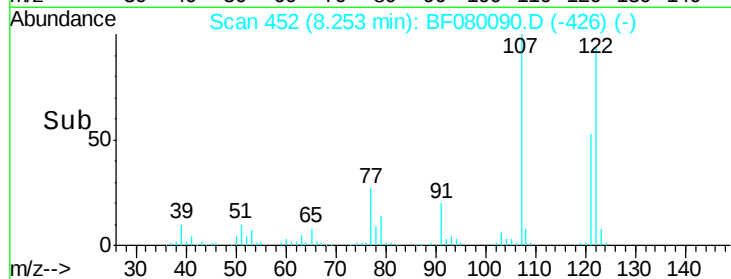
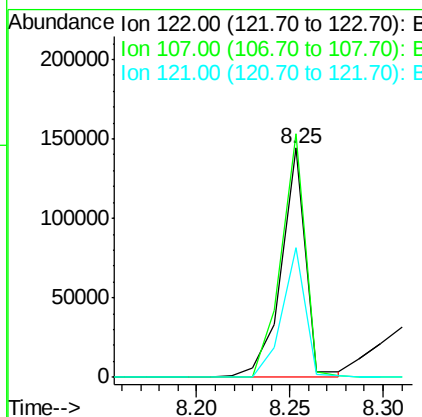
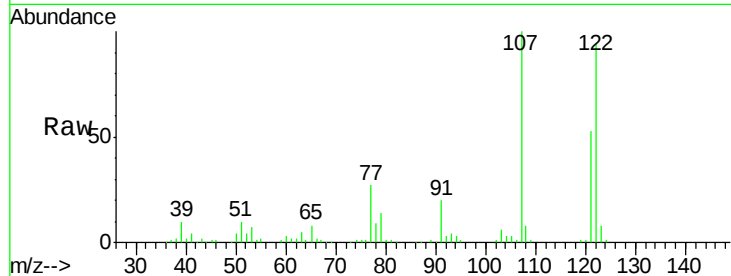
#27
 2,4-Dimethylphenol
 Concen: 46.32 ng
 RT: 8.25 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	130590		
107	106.3	71.8	107.6	
121	56.8	42.3	63.5	

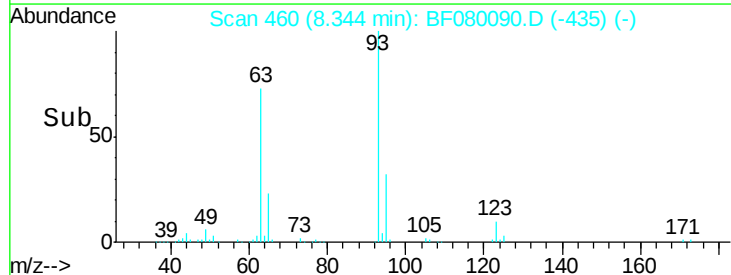
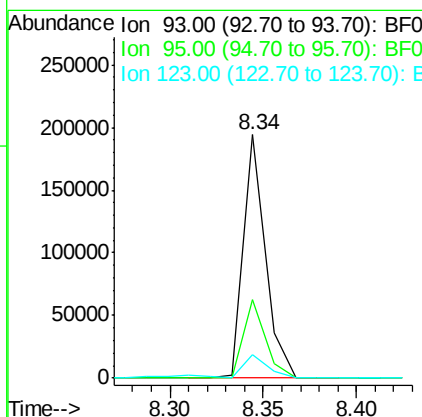
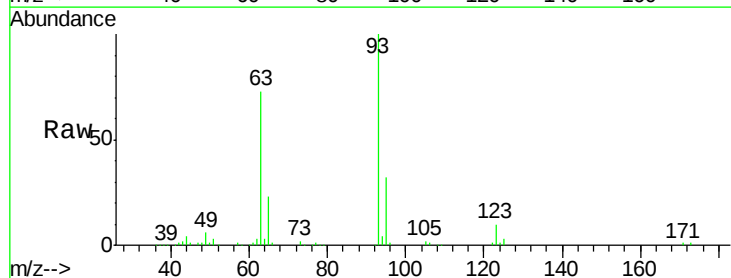
Manual Integrations
 APPROVED

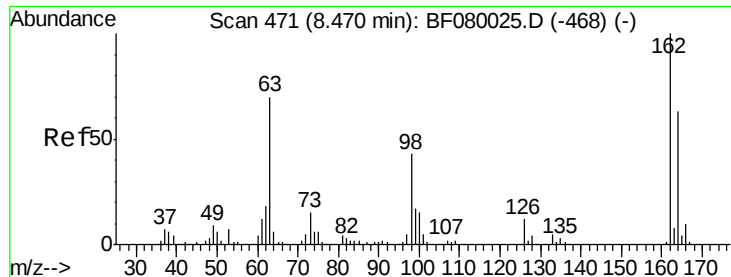
apatel
 6/22/2015 2:44:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.07 ng
 RT: 8.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	159359		
95	32.3	27.5	41.3	
123	9.7	13.7	20.5	





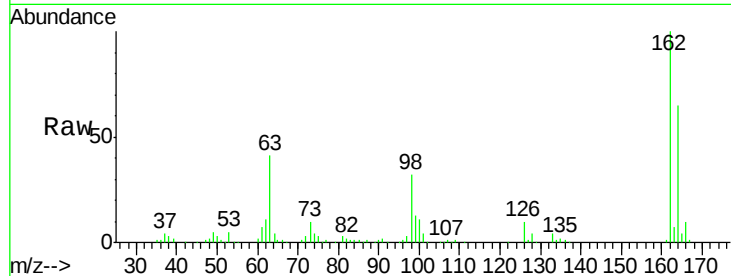
#29
2,4-Dichlorophenol
Concen: 51.47 ng
RT: 8.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

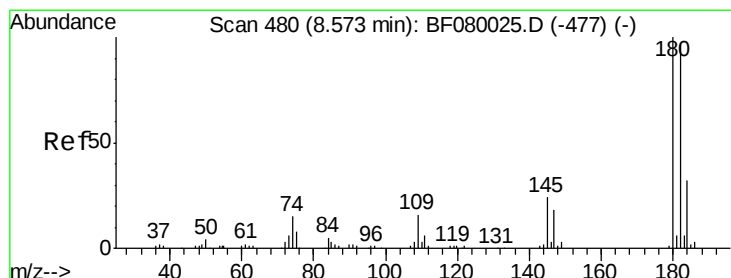
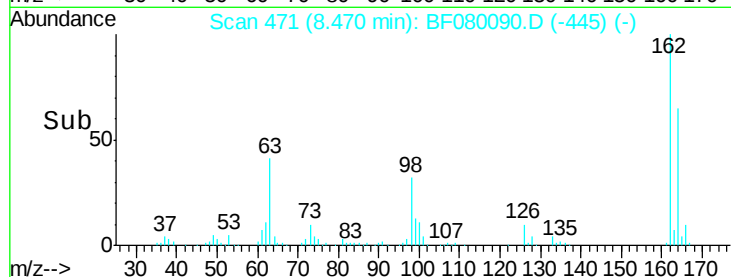
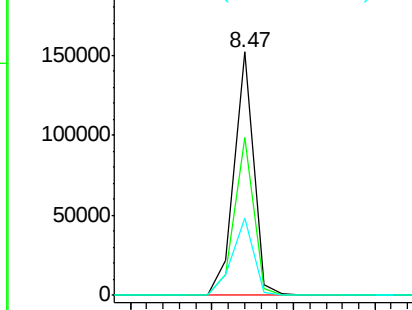
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	44.9	84.9
98	31.7	13.0	53.0

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM

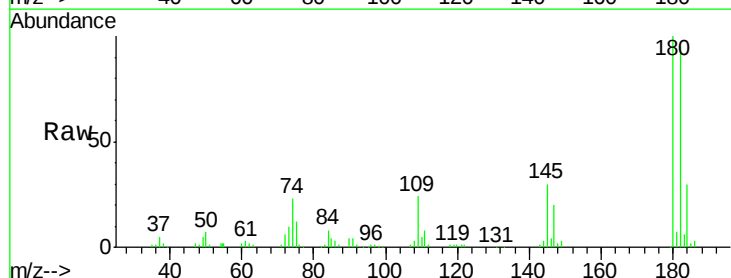


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

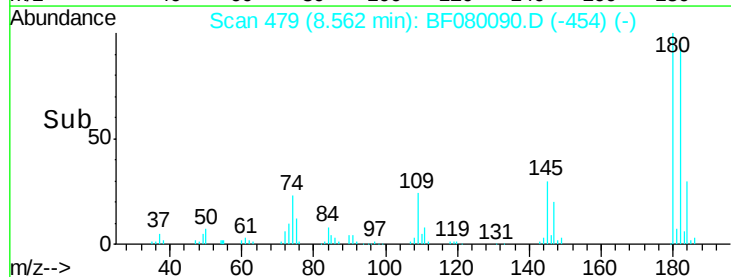
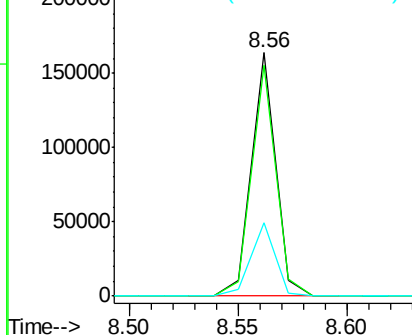


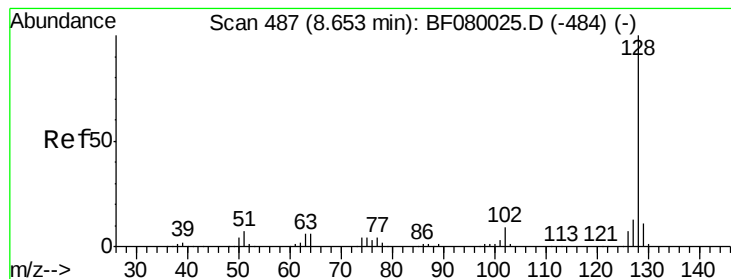
#30
1,2,4-Trichlorobenzene
Concen: 46.23 ng
RT: 8.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	77.1	115.7
145	30.3	23.3	34.9



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





#31

Naphthalene

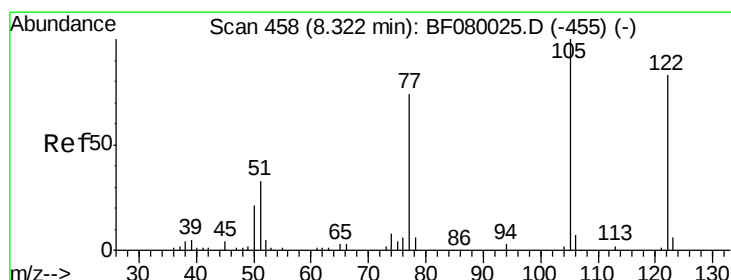
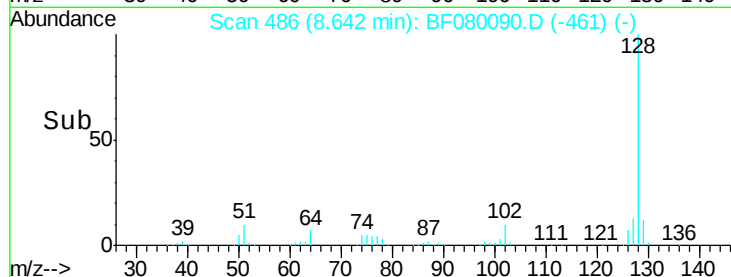
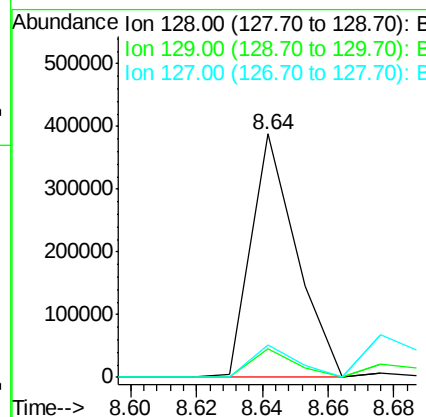
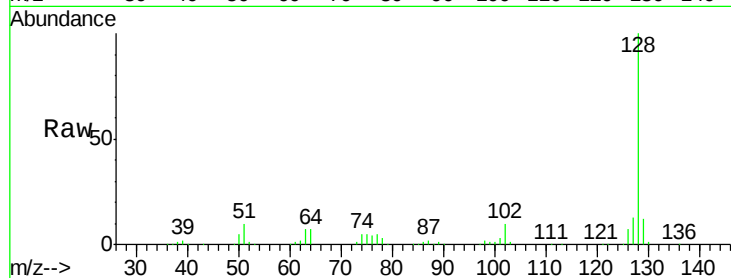
Concen: 38.86 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	370154		
129	11.7	8.4	12.6	
127	13.1	9.9	14.9	

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM

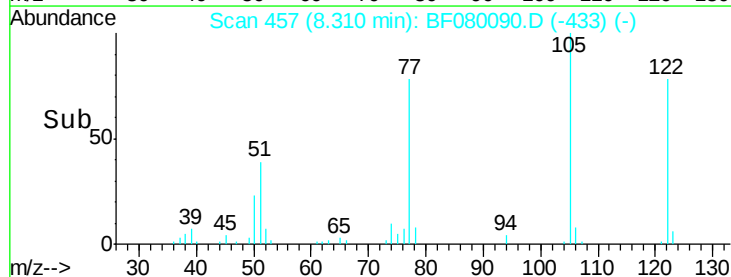
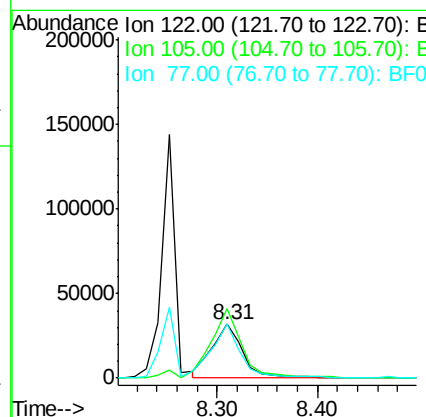
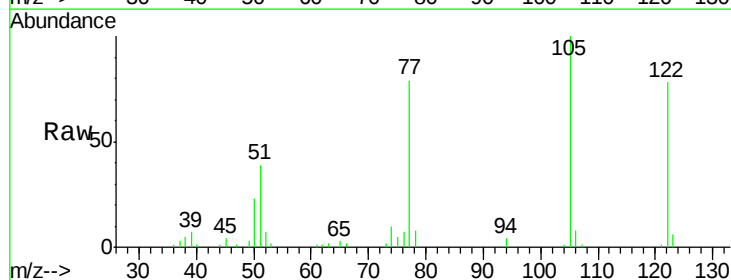


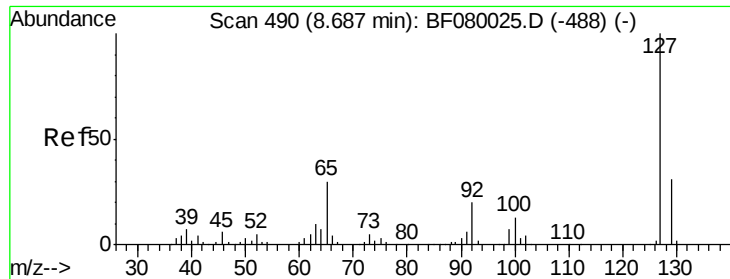
#32

Benzoic acid

Concen: 39.17 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	66758		
105	128.0	76.1	116.1#	
77	101.1	40.5	80.5#	





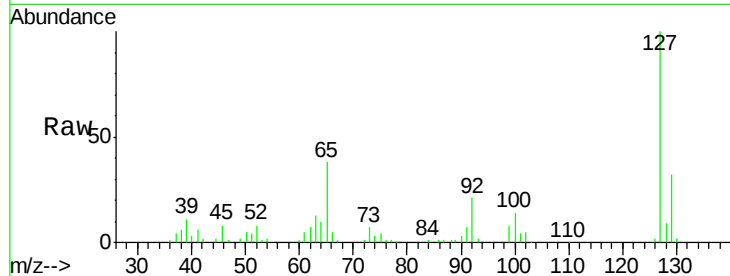
#33
4-Chloroaniline
Concen: 19.42 ng m
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

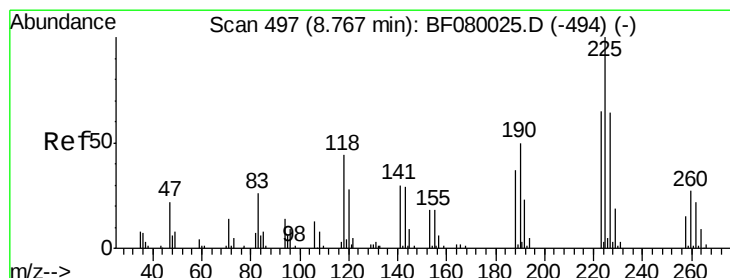
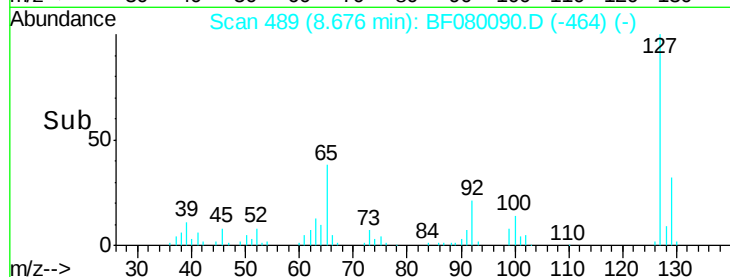
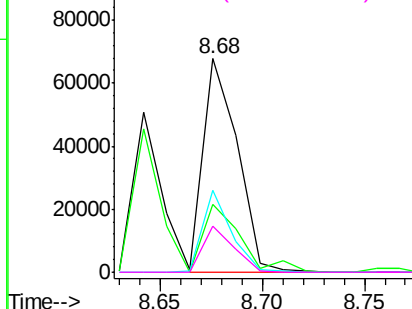
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	79147		
129	31.7	25.8	38.6	
65	38.5	17.9	26.9	
92	21.3	10.5	15.7	

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM

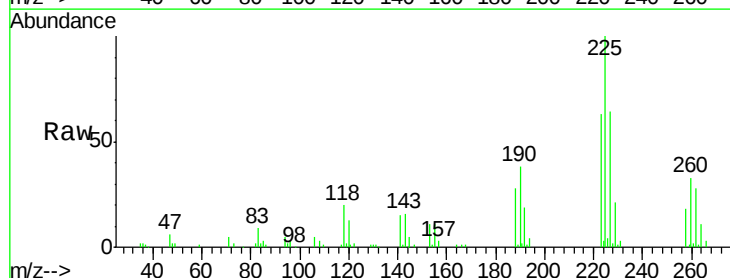


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

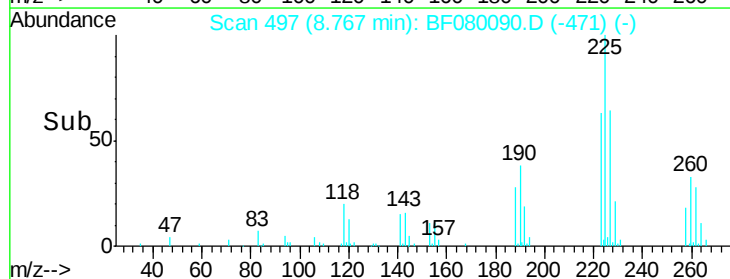
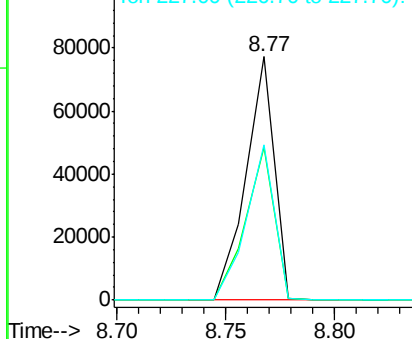


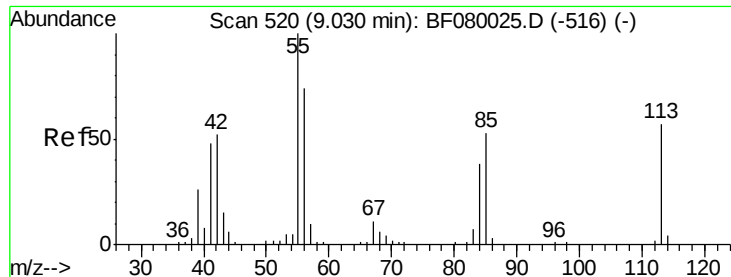
#34
Hexachlorobutadiene
Concen: 41.53 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70120		
223	62.9	50.2	75.2	
227	63.9	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.95 ng

RT: 9.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

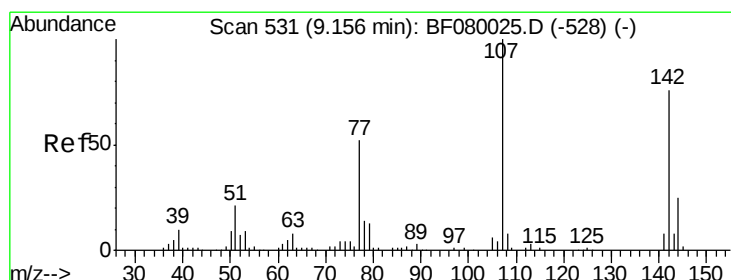
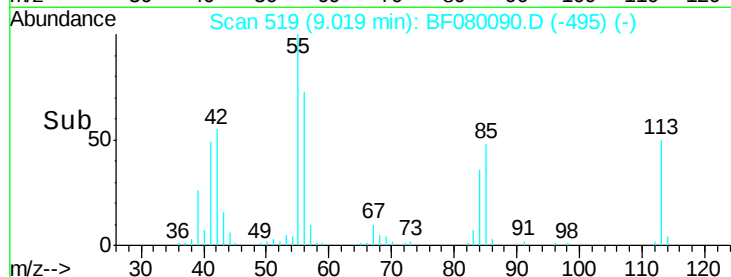
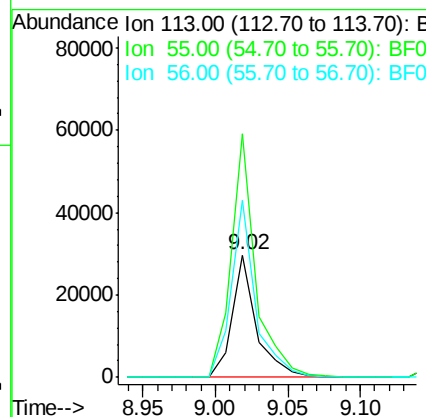
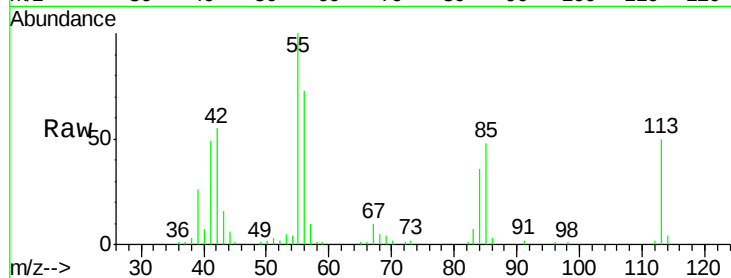
ClientSampleId :

PB84072BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	198.8	152.4	192.4#
56	144.5	104.6	144.6

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#36

4-Chloro-3-methylphenol

Concen: 41.82 ng

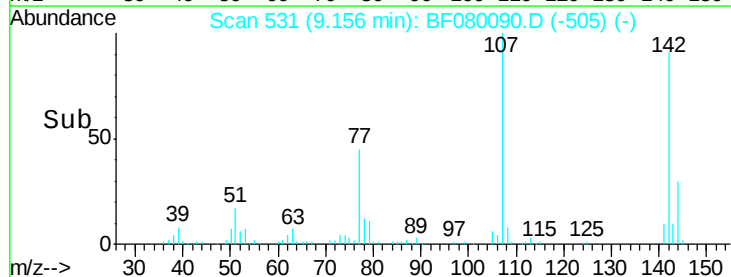
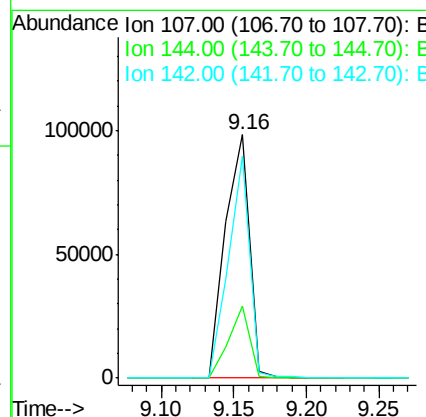
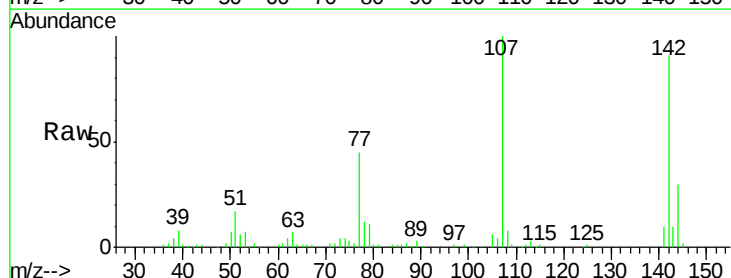
RT: 9.16 min Scan# 531

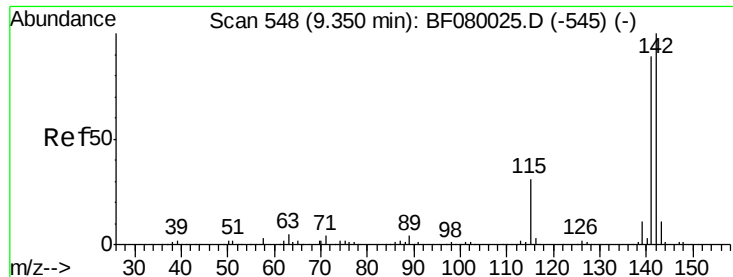
Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.6	25.4	38.0
142	91.3	77.3	115.9





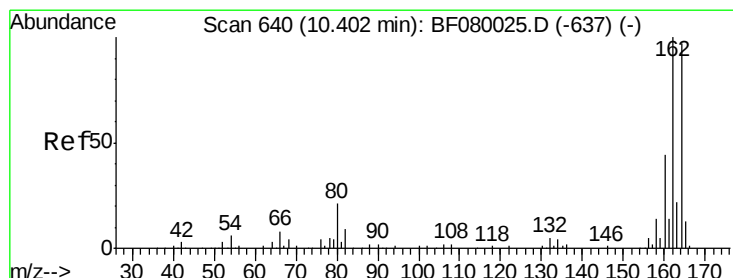
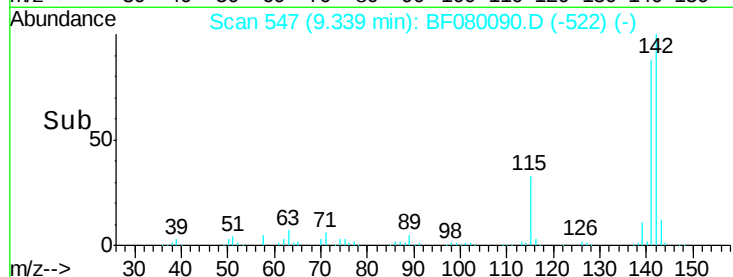
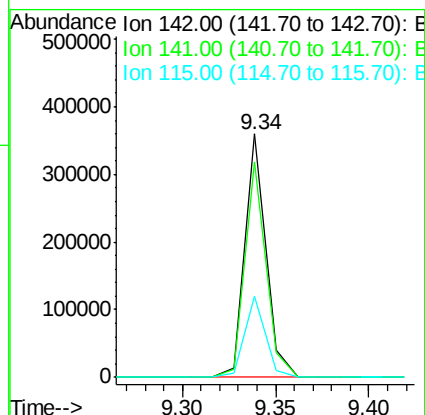
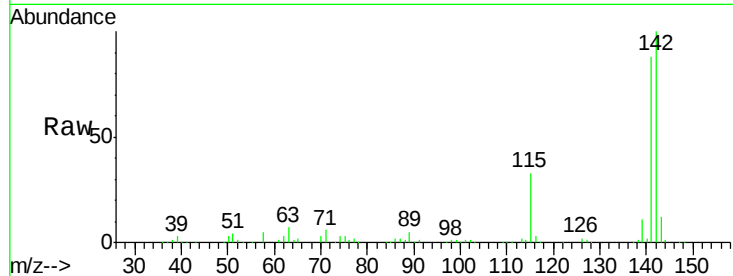
#37
 2-Methylnaphthalene
 Concen: 46.06 ng
 RT: 9.34 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	283797		
141	88.3	67.5	101.3	
115	33.4	18.2	27.2	

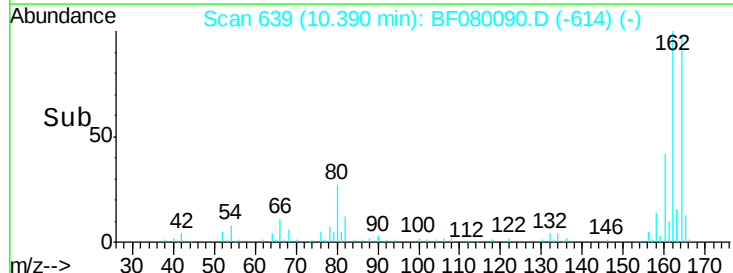
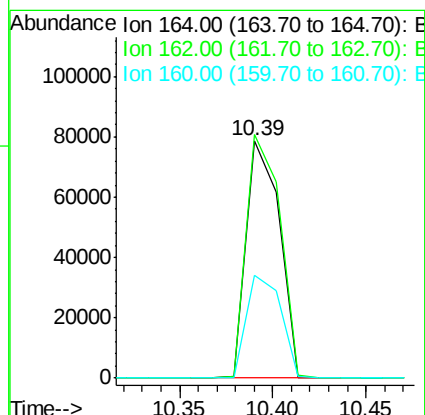
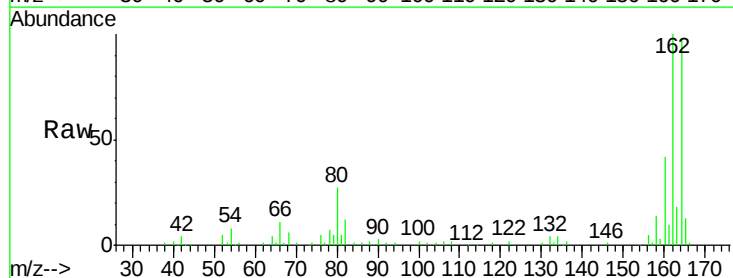
Manual Integrations
 APPROVED

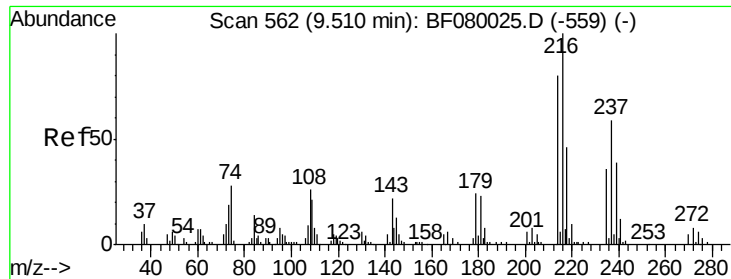
apatel
 6/22/2015 2:44:11 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97130		
162	102.4	75.2	112.8	
160	43.3	31.5	47.3	





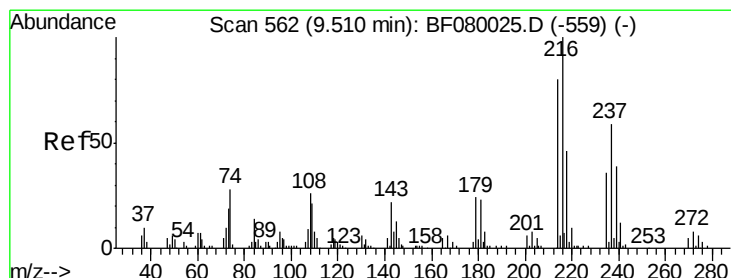
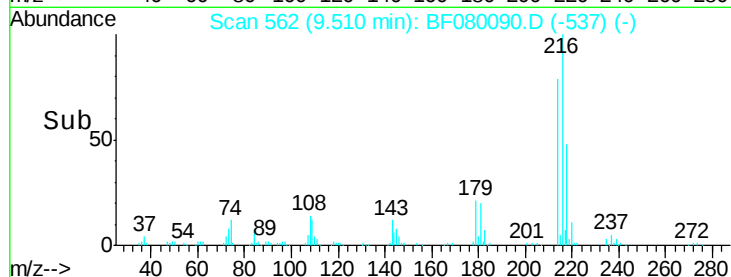
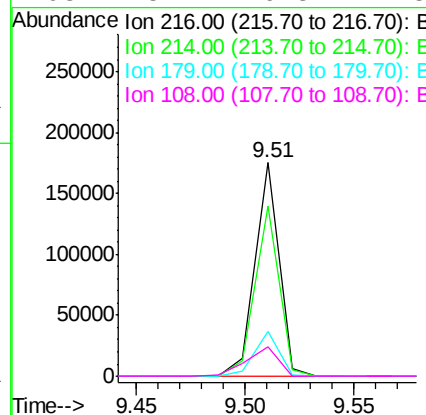
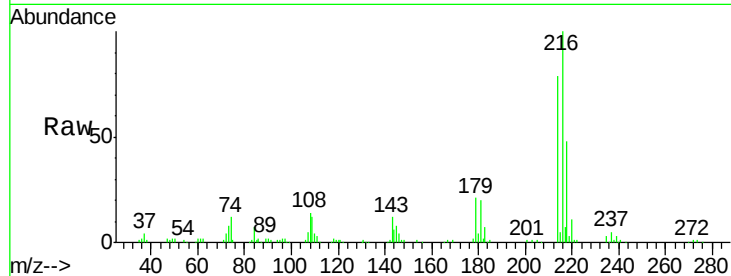
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.69 ng
 RT: 9.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion:	216	Resp:	134784
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.5	95.3
179	21.2	16.6	24.8
108	18.4	16.3	24.5

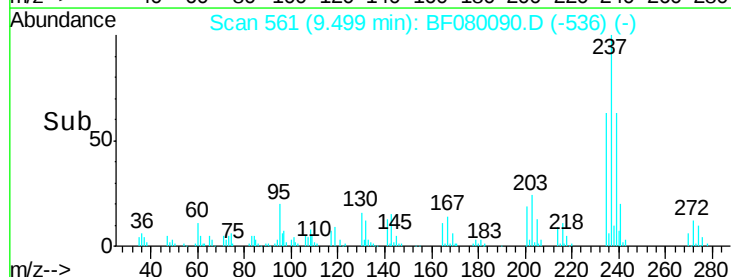
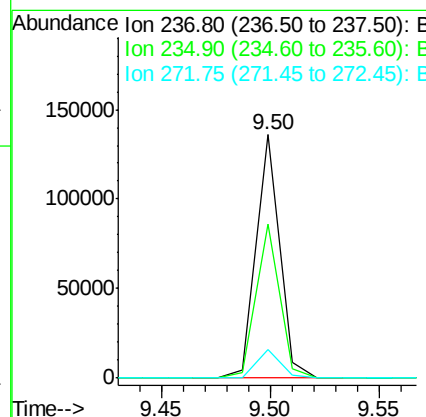
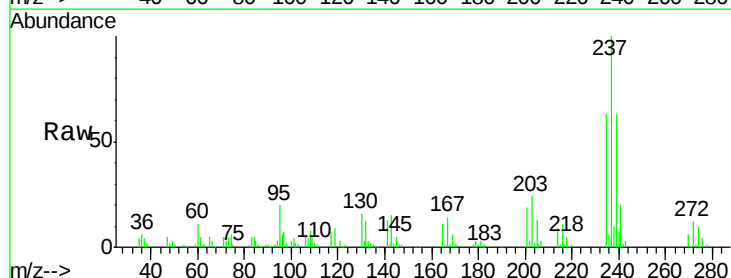
Manual Integrations
 APPROVED

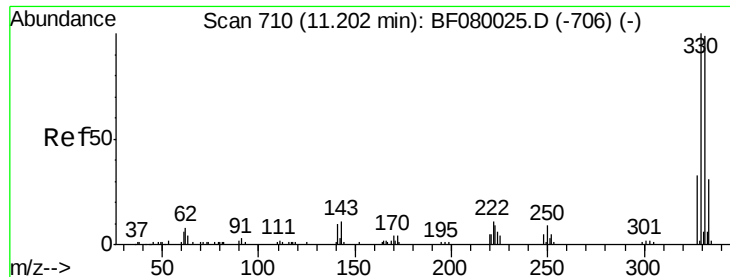
apatel
 6/22/2015 2:44:11 PM



#40
 Hexachlorocyclopentadiene
 Concen: 71.41 ng
 RT: 9.50 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion:	237	Resp:	102804
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.0	82.0
272	11.7	0.0	36.1





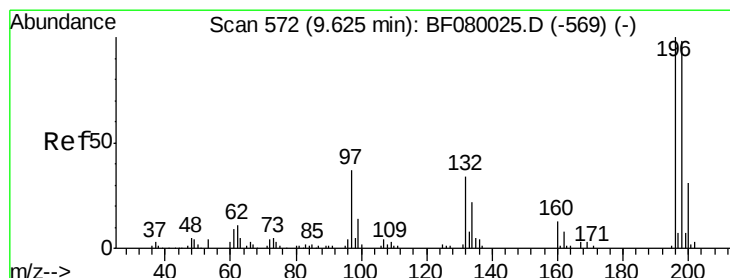
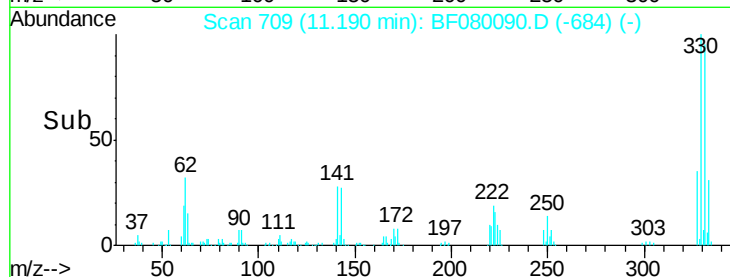
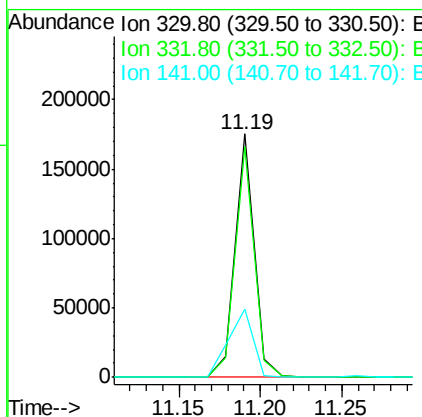
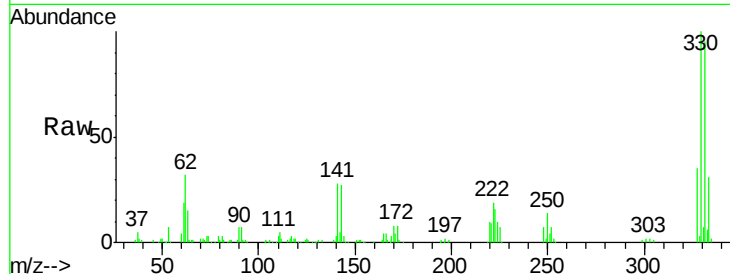
#41
 2,4,6-Tribromophenol
 Concen: 147.54 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	140132		
332	95.1	76.6	114.8	
141	35.9	29.7	44.5	

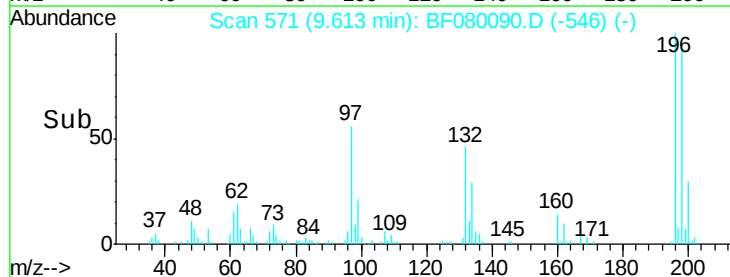
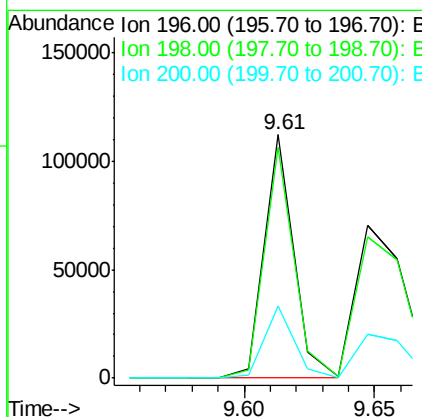
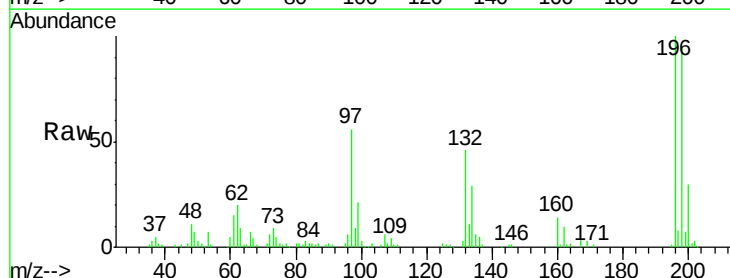
Manual Integrations
 APPROVED

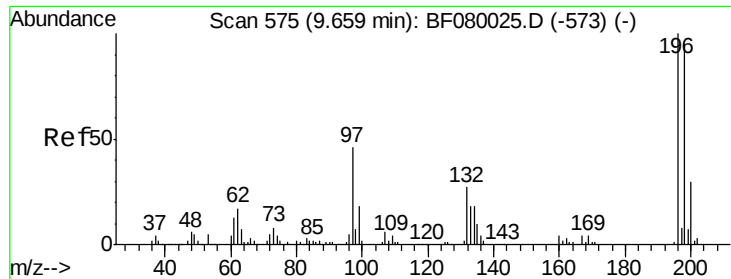
apatel
 6/22/2015 2:44:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.22 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

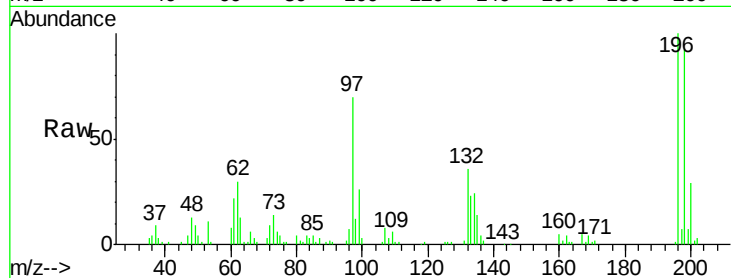
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88885		
198	94.6	75.7	113.5	
200	29.6	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 40.01 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

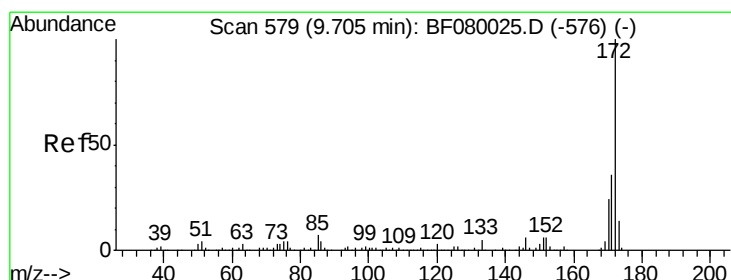
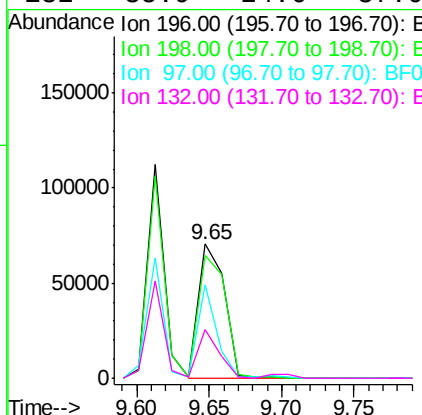
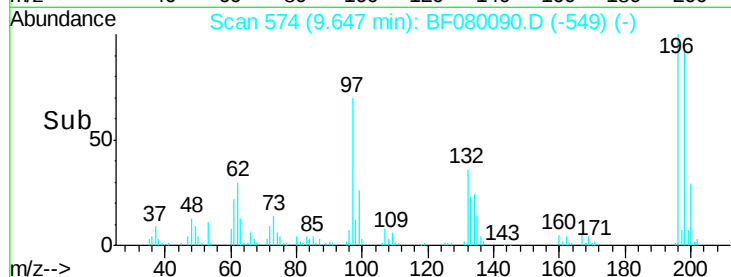
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88654		
198	92.1	75.4	113.0	
97	69.9	33.3	49.9	
132	35.9	24.6	37.0	

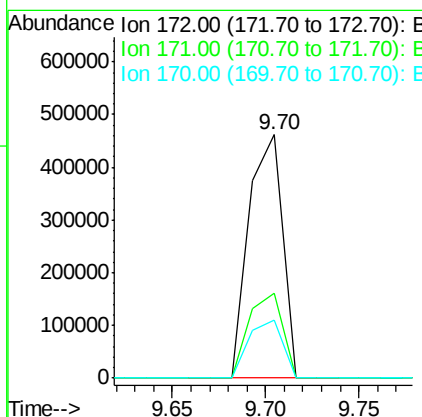
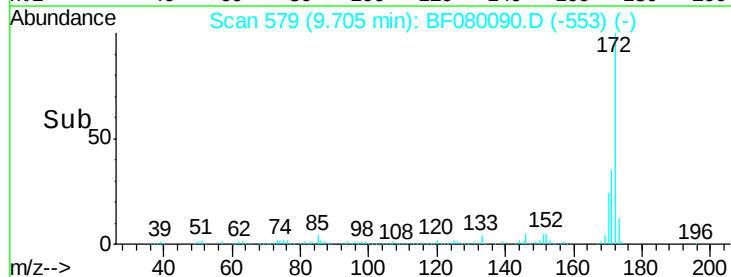
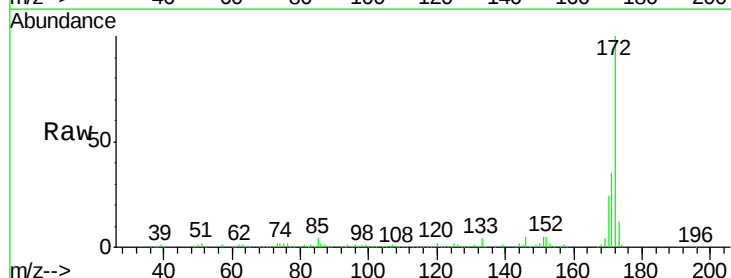
Manual Integrations
 APPROVED

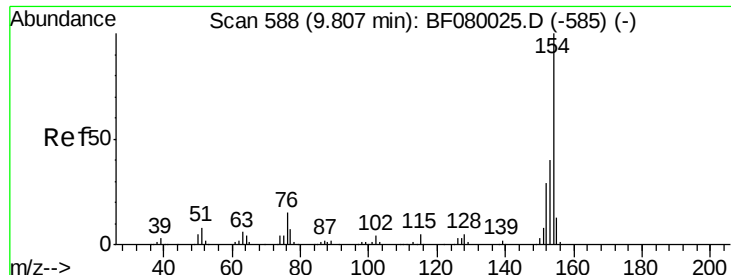
apatel
 6/22/2015 2:44:11 PM



#44
 2-Fluorobiphenyl
 Concen: 84.51 ng
 RT: 9.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	575565		
171	35.0	26.1	39.1	
170	24.0	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 40.87 ng

RT: 9.81 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

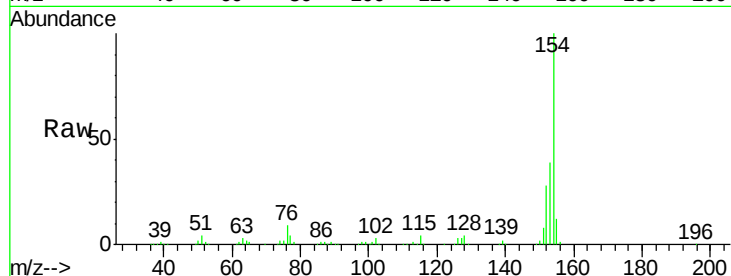
ClientSampleId :

PB84072BSD

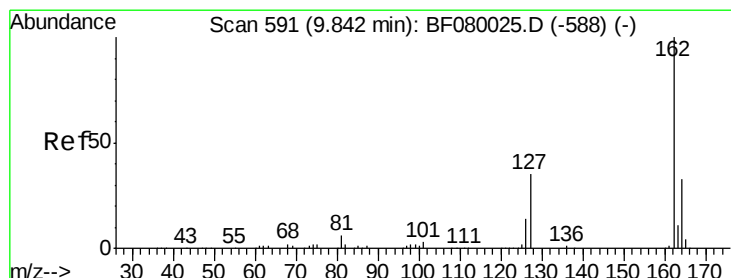
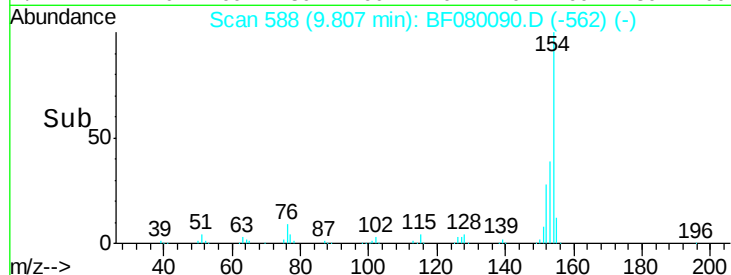
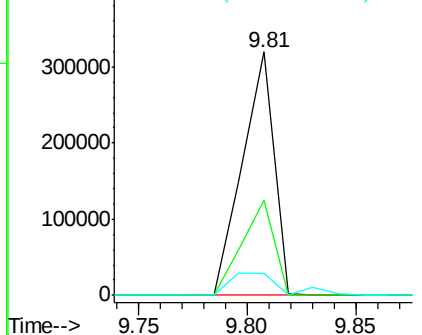
Tgt Ion:	154	Resp:	322978
Ion Ratio	Lower	Upper	
154	100		
153	39.1	17.1	57.1
76	9.0	0.0	31.6

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 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: 39.47 ng

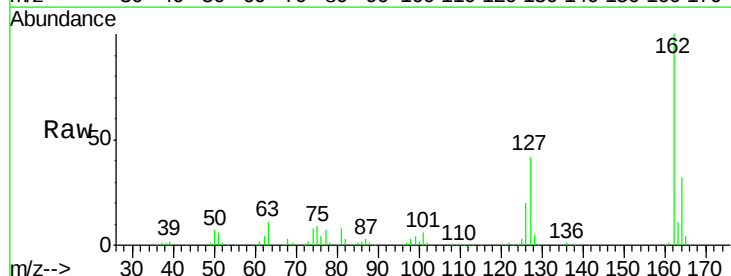
RT: 9.83 min Scan# 590

Delta R.T. -0.01 min

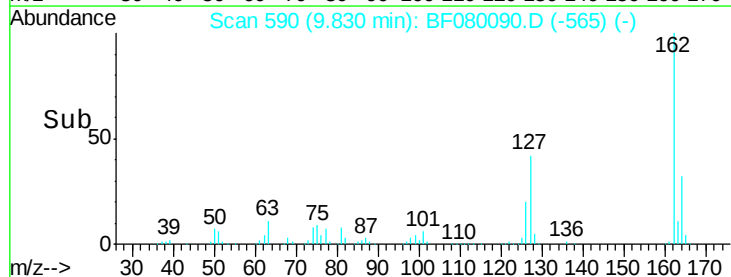
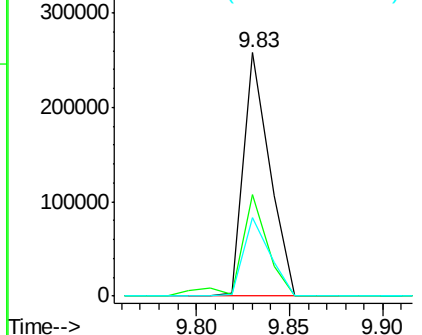
Lab File: BF080090.D

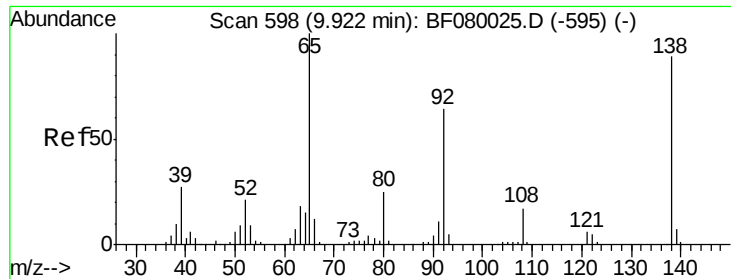
Acq: 20 Jun 2015 9:21

Tgt Ion:	162	Resp:	253064
Ion Ratio	Lower	Upper	
162	100		
127	41.8	27.6	41.4#
164	32.3	25.4	38.2



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





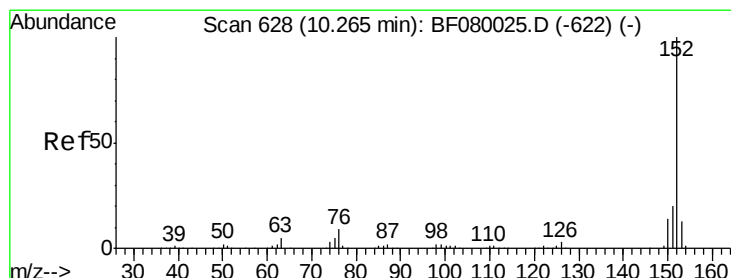
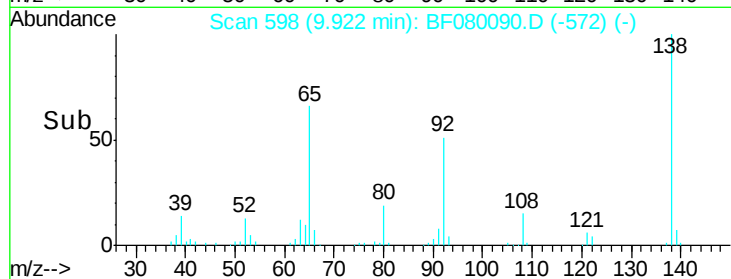
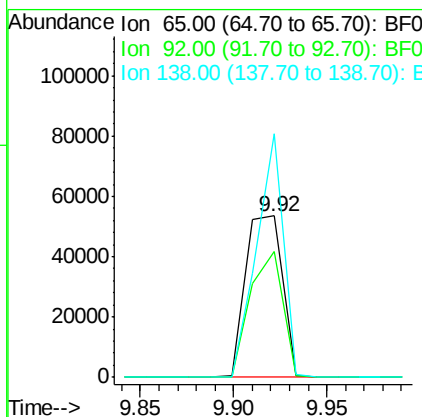
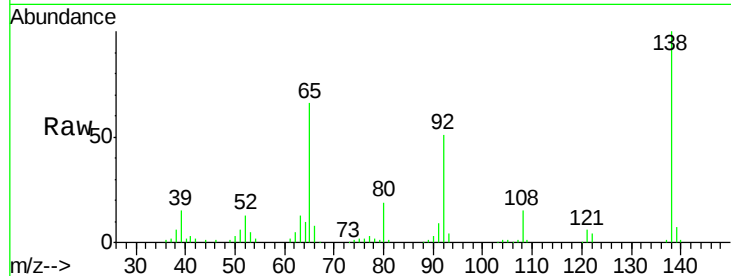
#47
 2-Nitroaniline
 Concen: 41.74 ng
 RT: 9.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Resp	Lower	Upper
65	100		
92	77.5	55.4	83.0
138	150.8	115.5	173.3

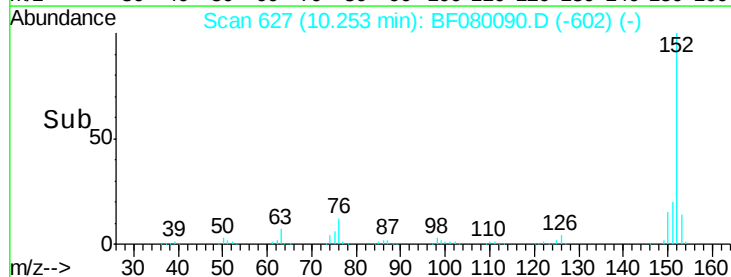
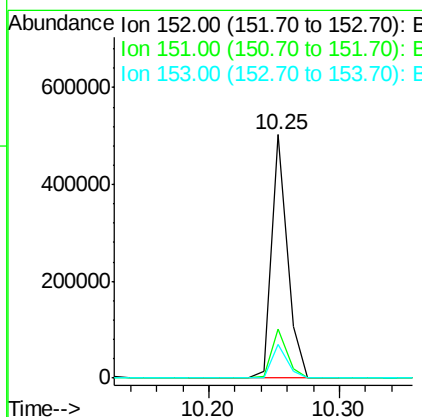
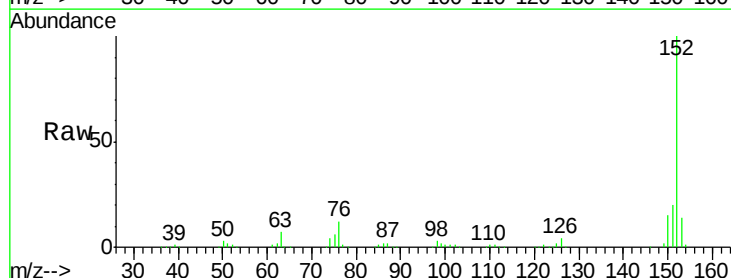
Manual Integrations
 APPROVED

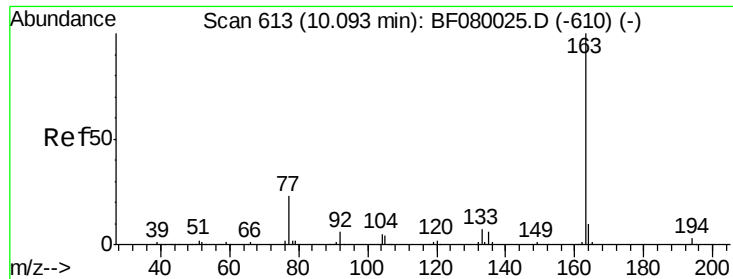
apatel
 6/22/2015 2:44:11 PM



#48
 Acenaphthylene
 Concen: 40.15 ng
 RT: 10.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.6	10.3	15.5





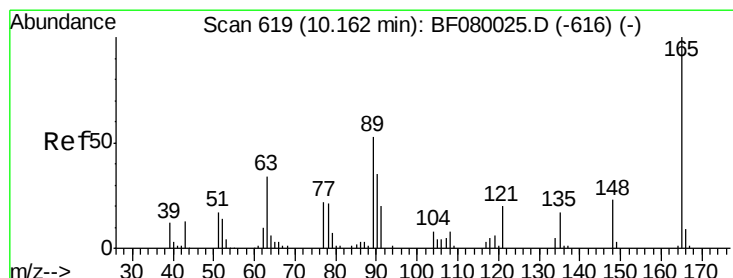
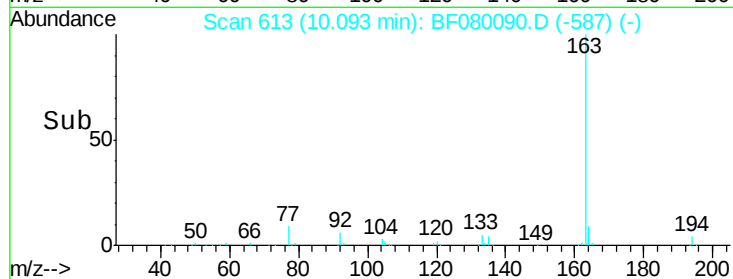
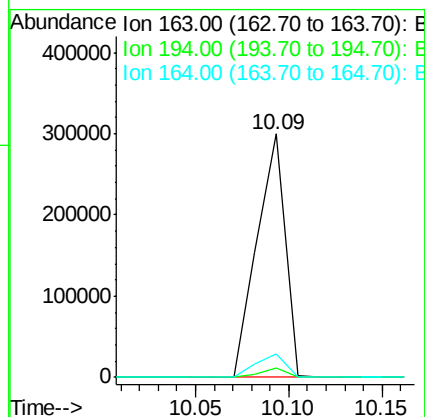
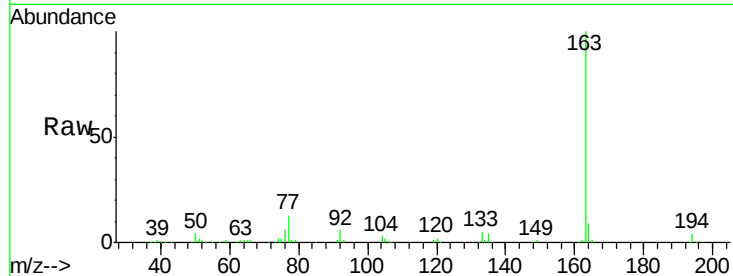
#49
Dimethylphthalate
Concen: 42.71 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	4.4	6.6#
164	9.4	8.3	12.5

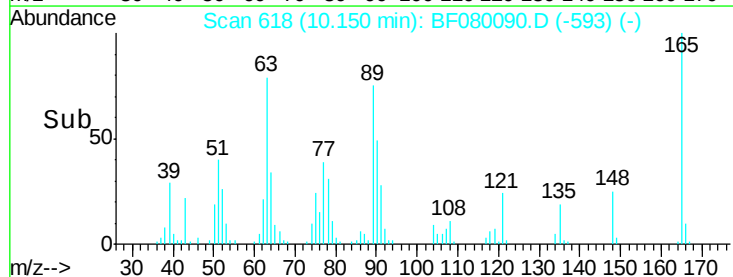
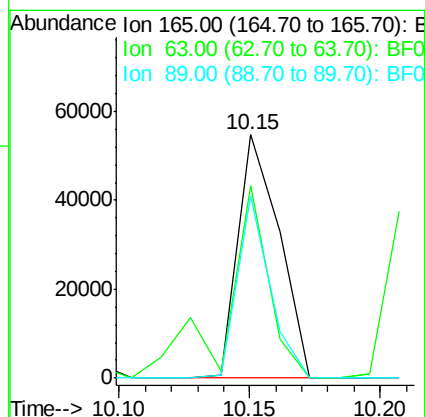
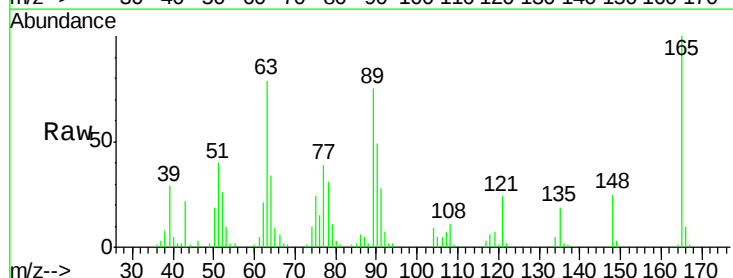
Manual Integrations
APPROVED

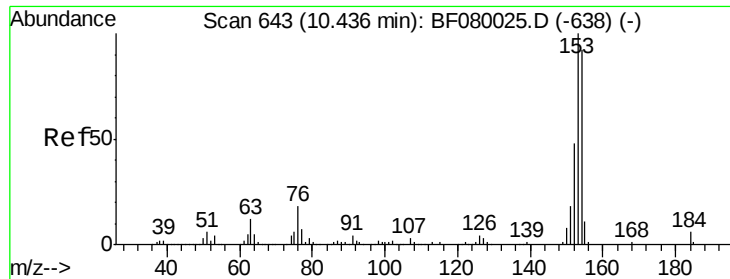
apatel
6/22/2015 2:44:11 PM



#50
2,6-Dinitrotoluene
Concen: 41.31 ng
RT: 10.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	79.3	32.3	48.5#
89	75.0	28.6	43.0#





#51

Acenaphthene

Concen: 40.70 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

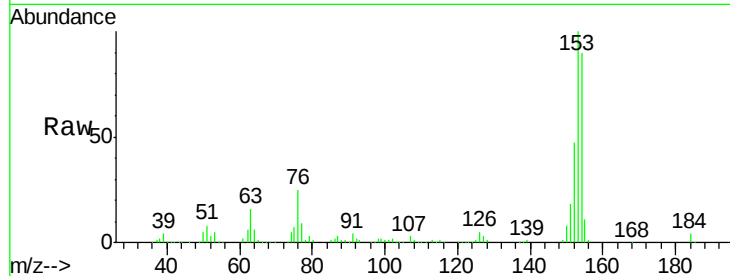
ClientSampleId :

PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	266484		
153	110.5	82.1	123.1	
152	51.9	37.9	56.9	

Manual Integrations
APPROVED

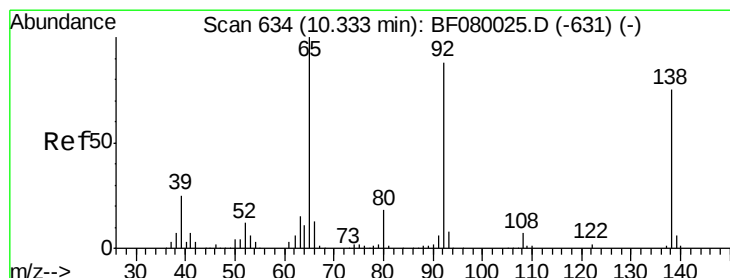
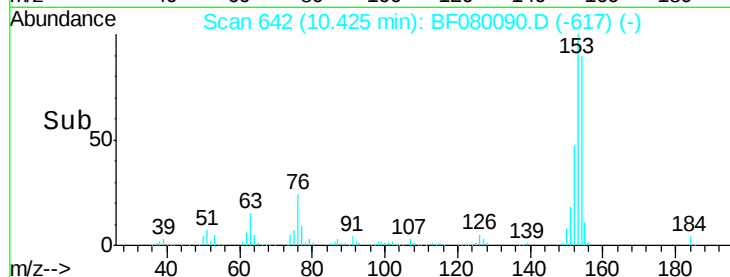
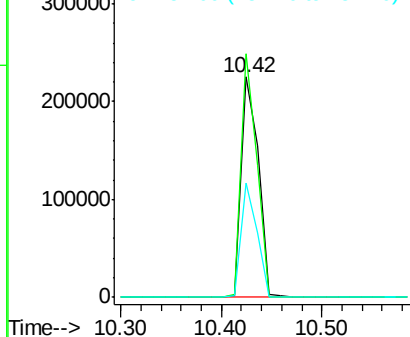
apatel
6/22/2015 2:44:11 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.19 ng

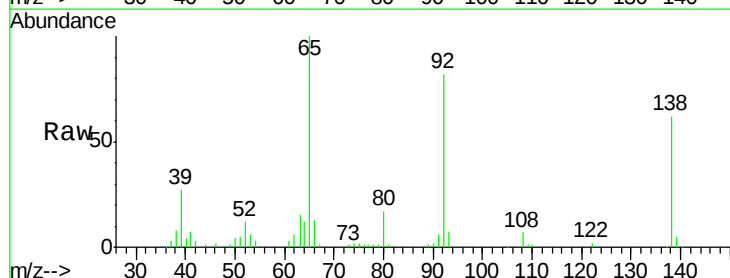
RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

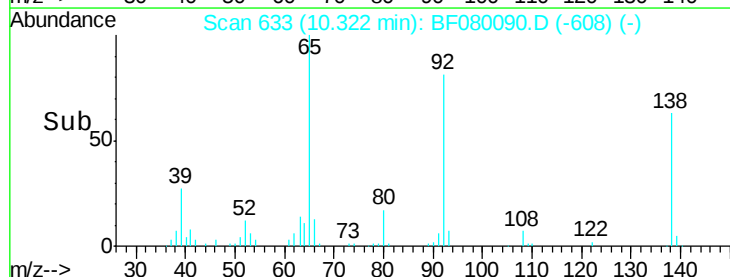
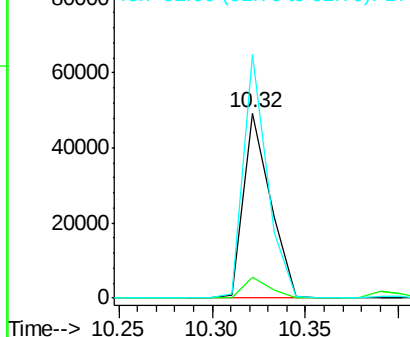
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	49304		
108	11.3	5.7	8.5#	
92	131.5	67.7	101.5#	

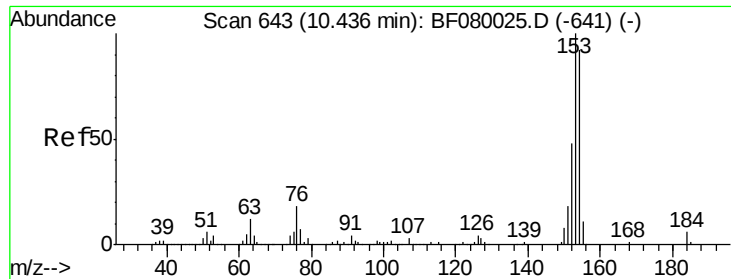


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

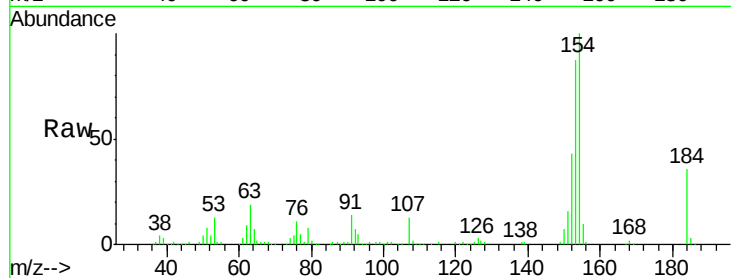
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 83.38 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

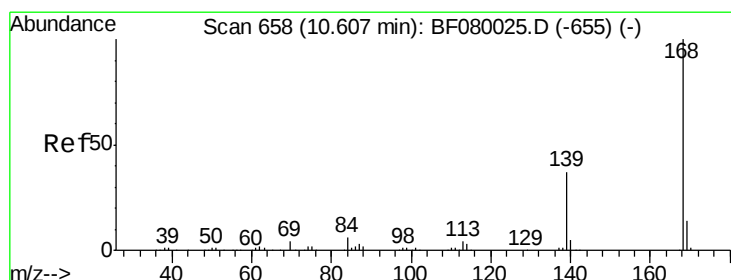
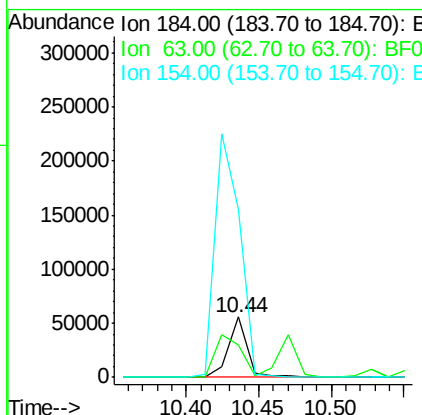
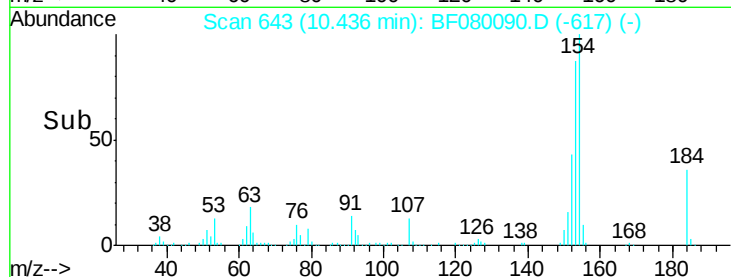
Instrument :
BNA_F
ClientSampleId :
PB84072BSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	49840		
63	53.6	35.4	53.2#	
154	276.9	32.2	48.4#	

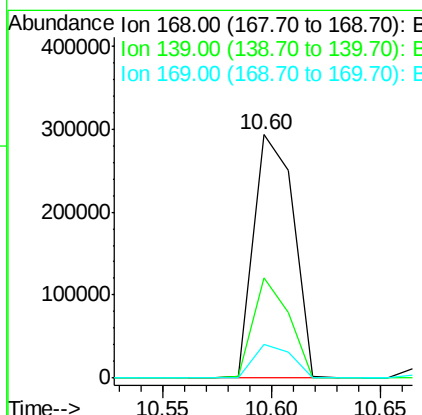
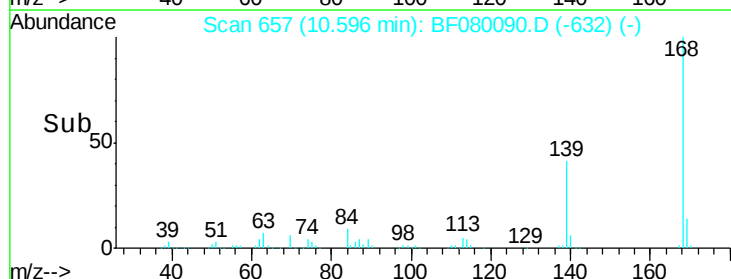
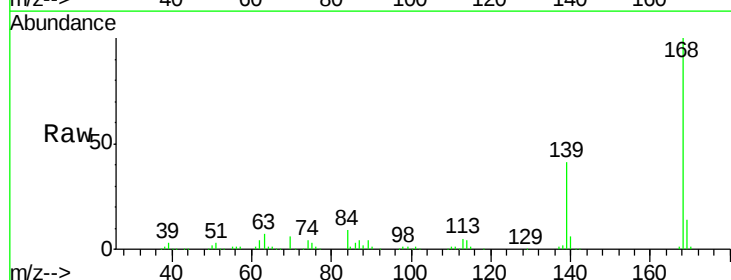
Manual Integrations
APPROVED

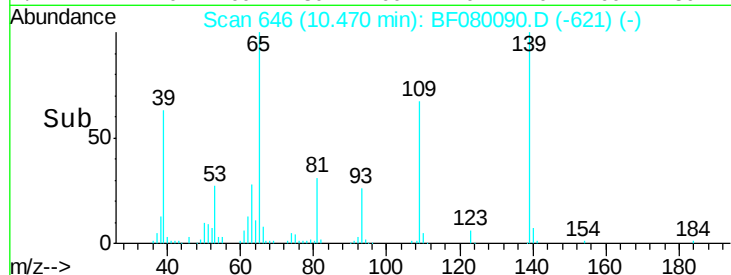
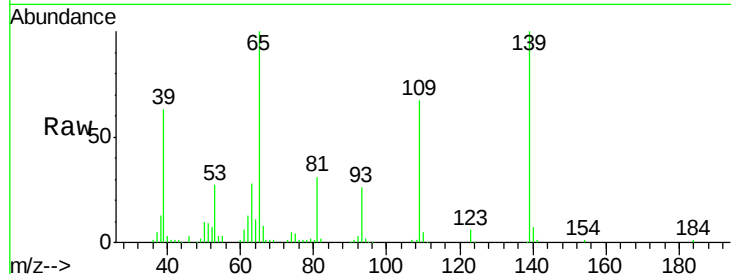
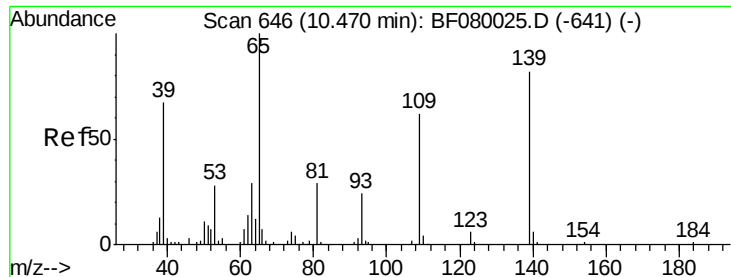
apatel
6/22/2015 2:44:11 PM



#54
Dibenzofuran
Concen: 40.43 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	375571		
139	41.3	24.2	36.2#	
169	14.0	10.6	15.8	





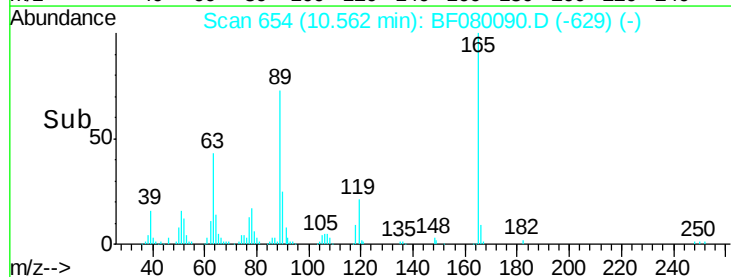
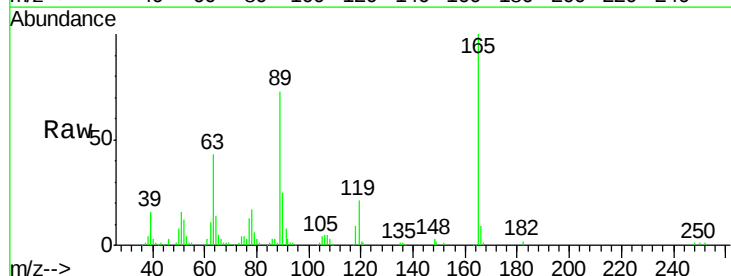
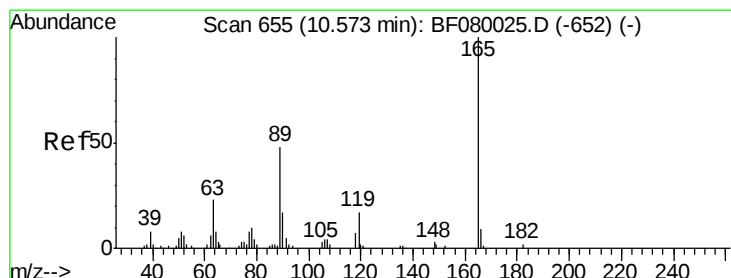
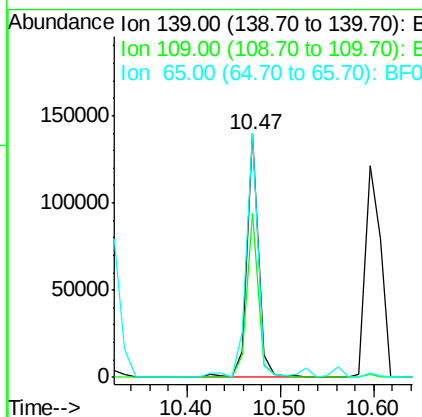
#55
4-Nitrophenol
Concen: 88.50 ng
RT: 10.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	67.2	12.7	52.7#
65	99.8	45.9	85.9#

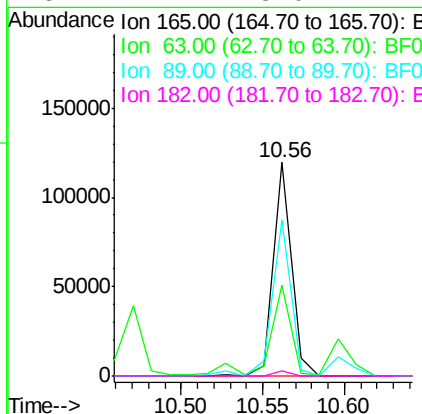
Manual Integrations
APPROVED

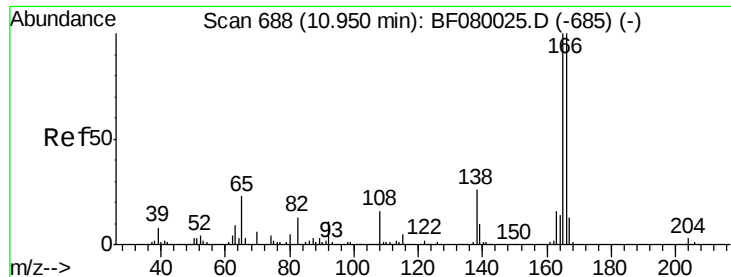
apatel
6/22/2015 2:44:11 PM



#56
2,4-Dinitrotoluene
Concen: 50.12 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.9	29.8	44.6
89	72.9	44.5	66.7#
182	2.1	3.0	4.4#





#57

Fluorene

Concen: 43.20 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

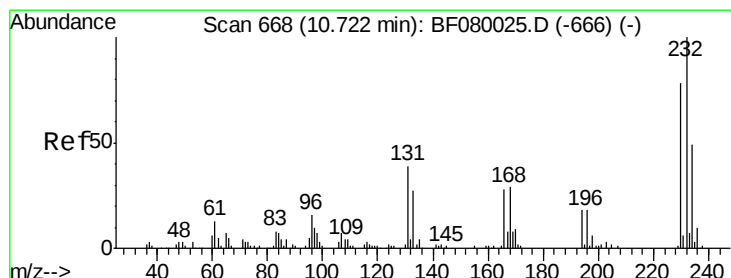
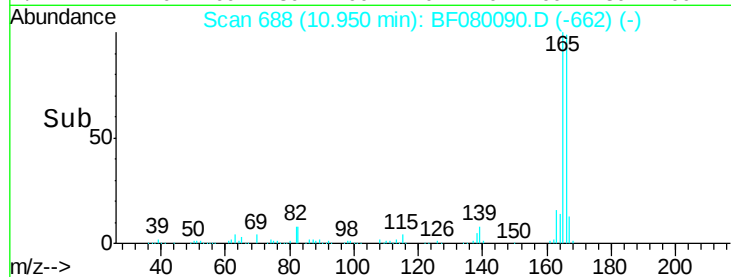
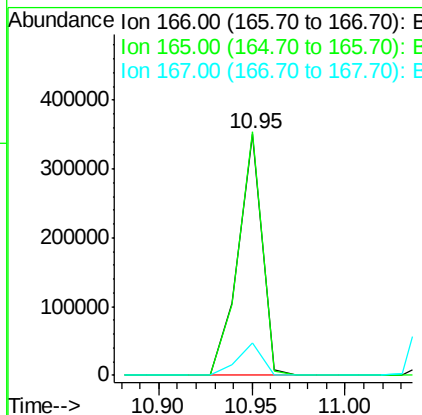
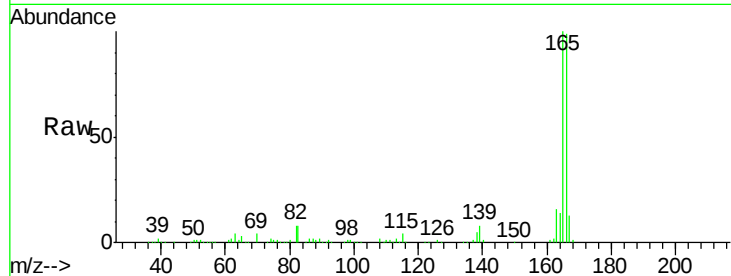
ClientSampleId :

PB84072BSD

Tgt Ion:	166	Resp:	318462
Ion Ratio	Lower	Upper	
166	100		
165	100.8	72.6	109.0
167	13.3	10.6	16.0

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.16 ng

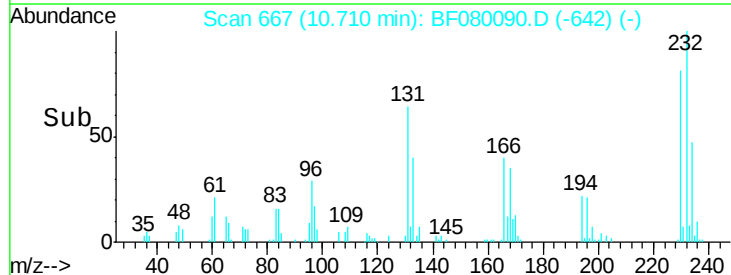
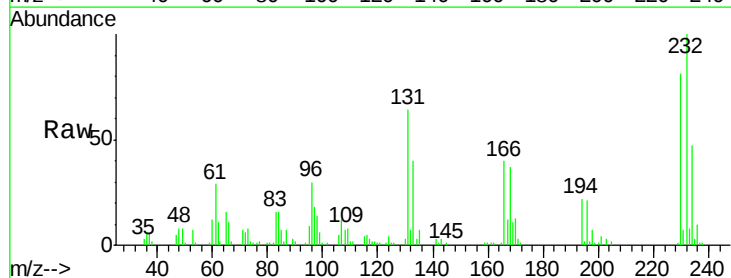
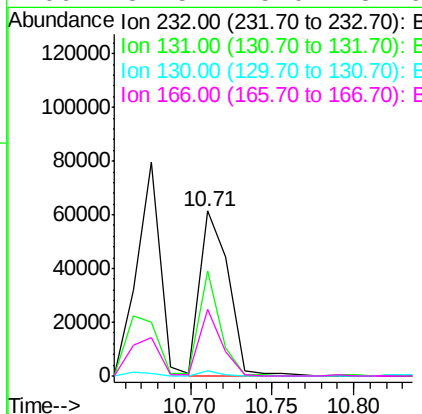
RT: 10.71 min Scan# 667

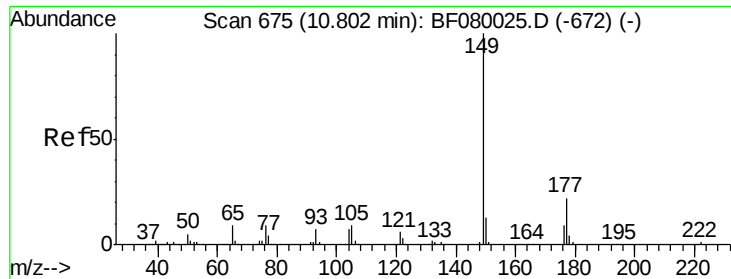
Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	232	Resp:	75132
Ion Ratio	Lower	Upper	
232	100		
131	46.9	38.5	57.7
130	2.2	1.8	2.6
166	31.5	25.0	37.6





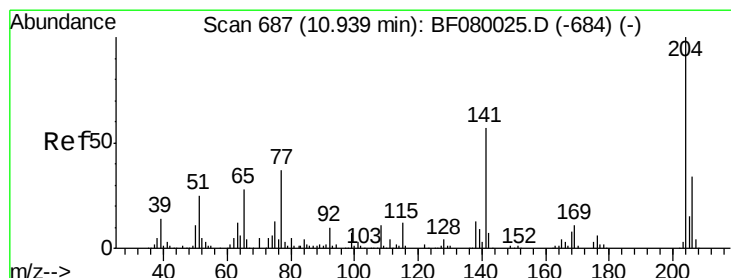
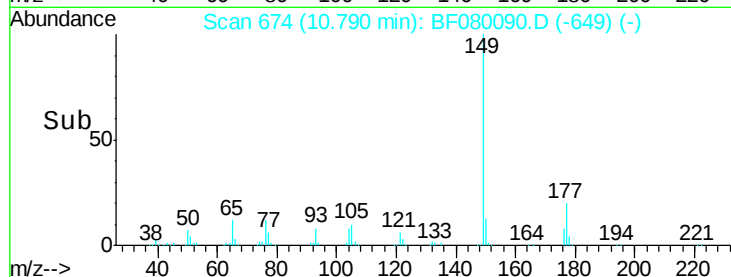
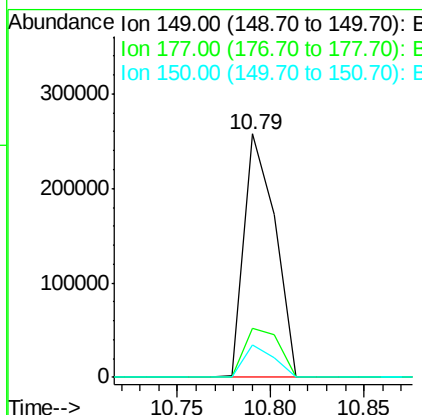
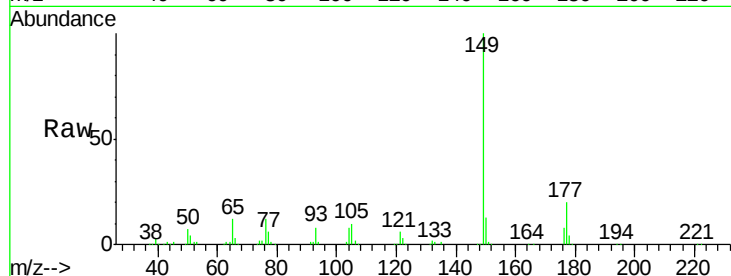
#59
Diethylphthalate
Concen: 40.42 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.3	17.5	26.3
150	13.3	9.4	14.2

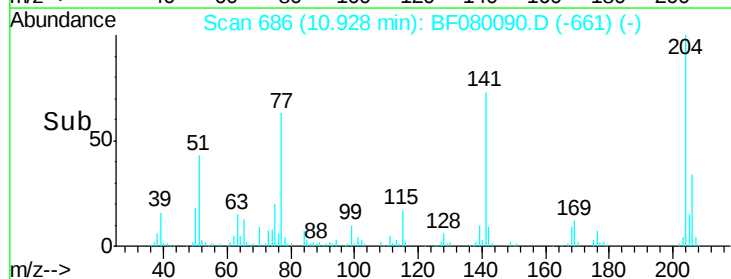
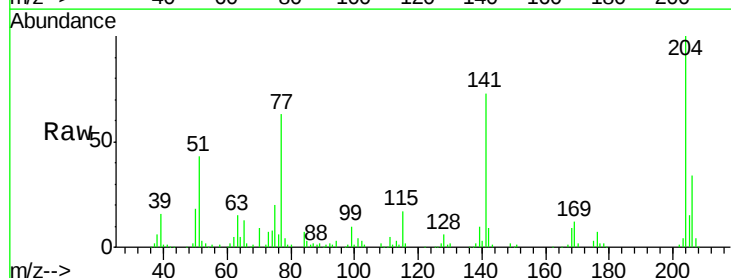
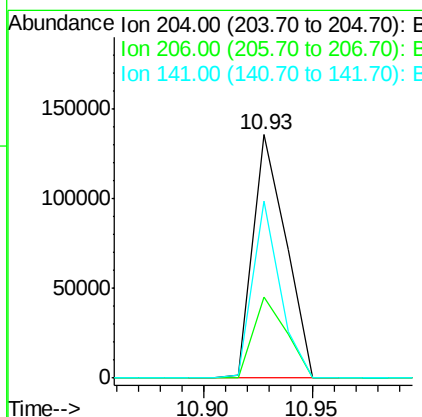
Manual Integrations
APPROVED

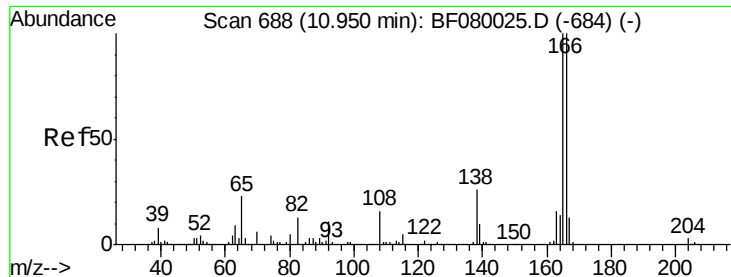
apatel
6/22/2015 2:44:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.36 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	33.5	24.8	37.2
141	72.6	42.2	63.4#





#61

4-Nitroaniline

Concen: 38.37 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

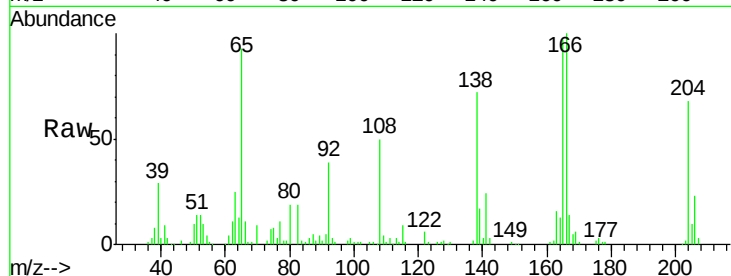
ClientSampleId :

PB84072BSD

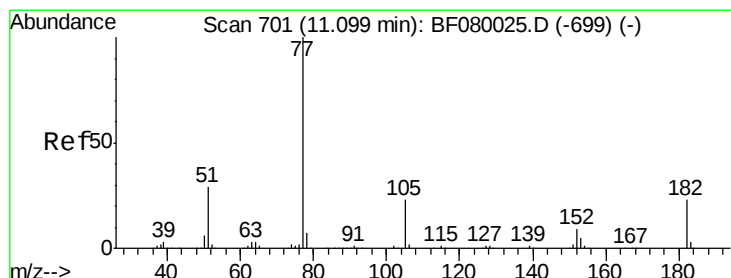
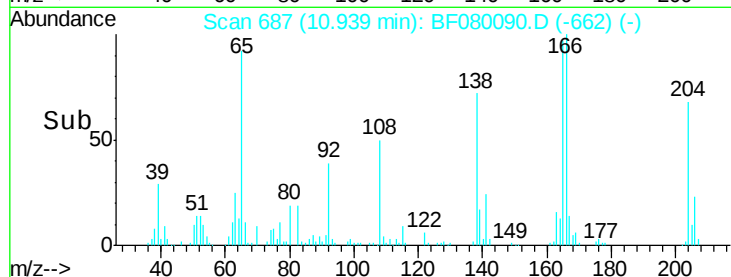
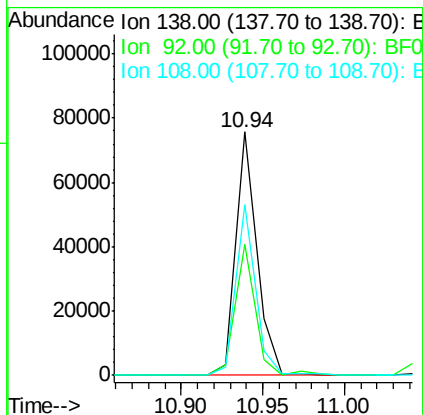
Manual Integrations
APPROVED

apatel

6/22/2015 2:44:11 PM



Tgt Ion:	138	Resp:	66941
Ion Ratio	Lower	Upper	
138	100		
92	53.6	12.6	52.6#
108	69.9	12.4	52.4#



#62

Azobenzene

Concen: 40.05 ng

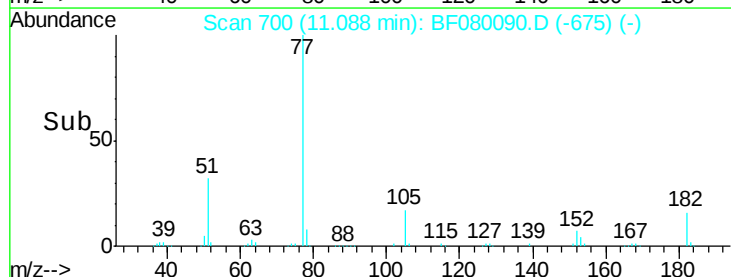
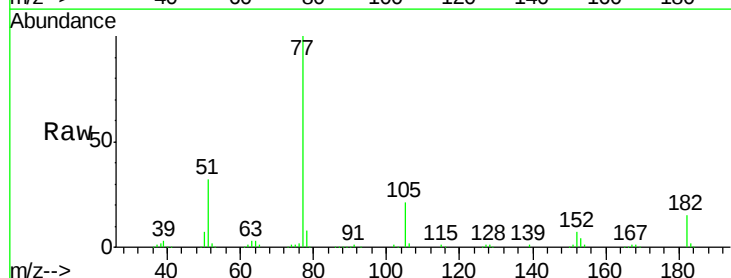
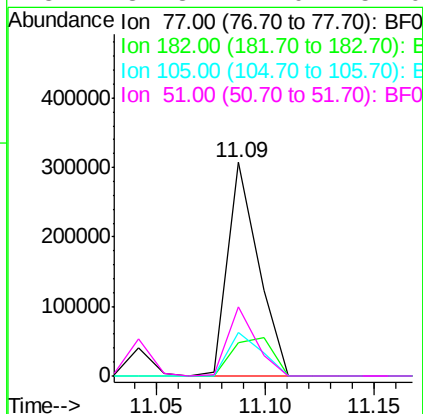
RT: 11.09 min Scan# 700

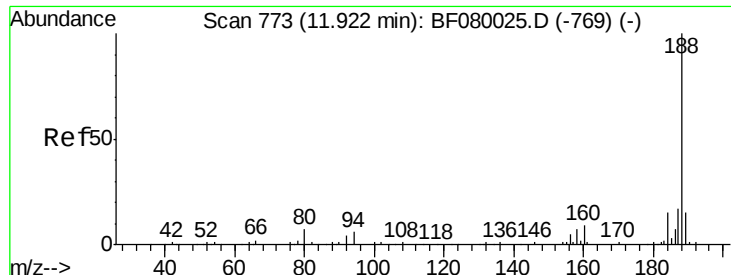
Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	77	Resp:	299802
Ion Ratio	Lower	Upper	
77	100		
182	15.4	15.1	55.1
105	20.7	3.4	43.4
51	32.3	12.0	52.0





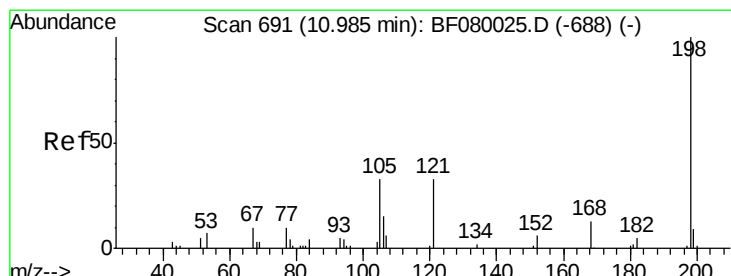
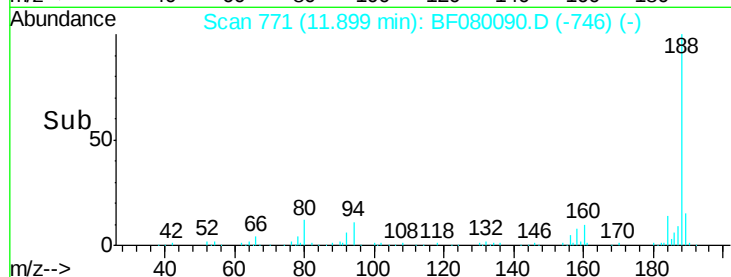
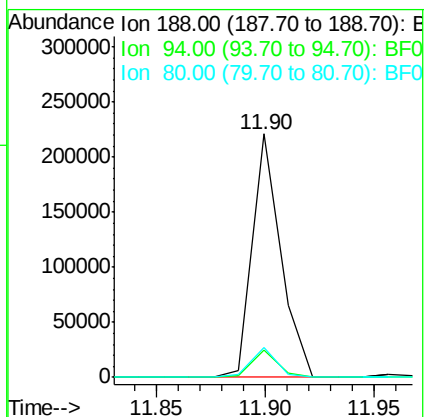
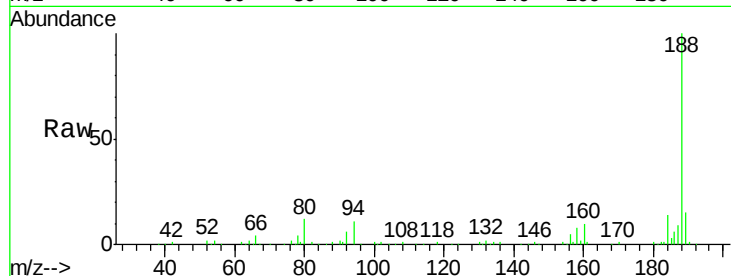
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	201184		
94	11.3	11.1	16.7	
80	12.2	11.0	16.4	

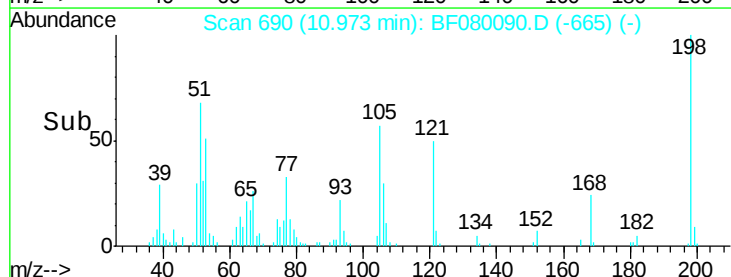
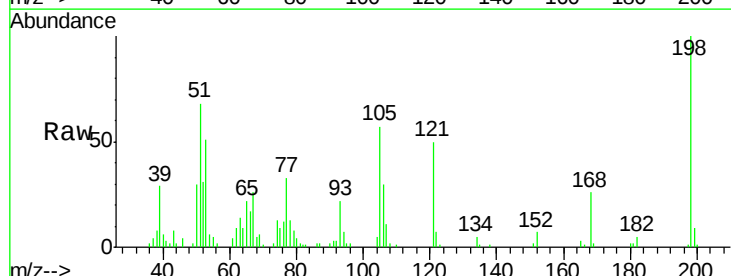
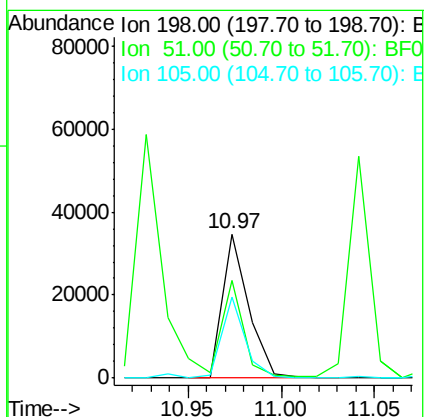
Manual Integrations
 APPROVED

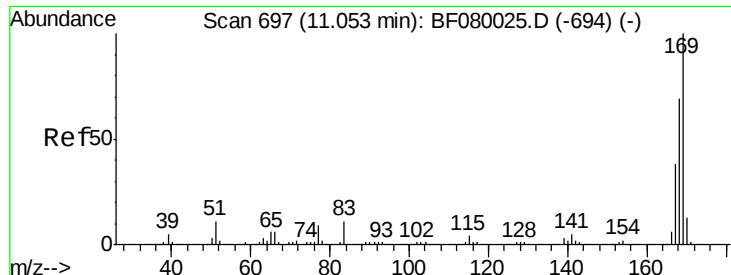
apatel
 6/22/2015 2:44:11 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.75 ng
 RT: 10.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	33773		
51	68.3	39.6	79.6	
105	56.6	28.5	68.5	





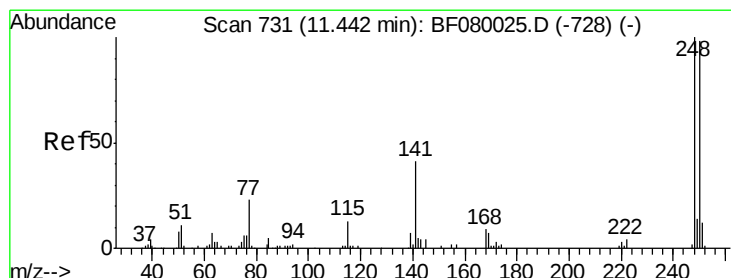
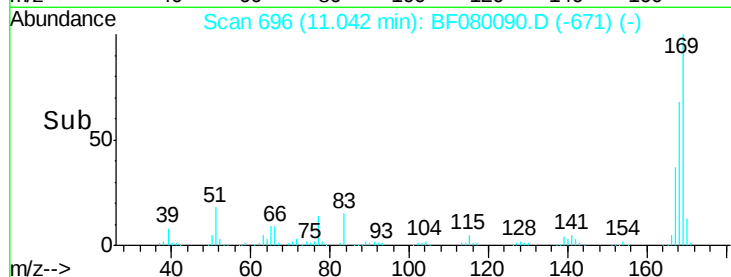
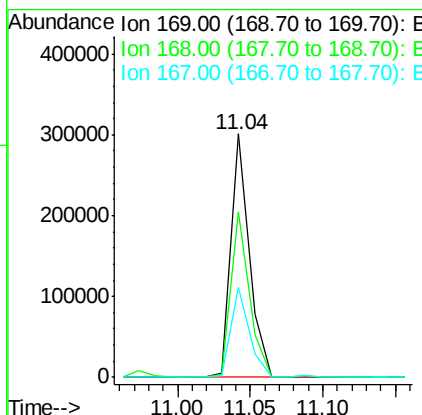
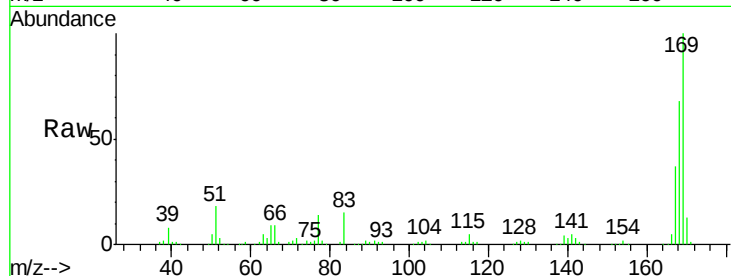
#65
 n-Nitrosodiphenylamine
 Concen: 40.42 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	264813		
168	67.9	48.9	73.3	
167	36.8	26.2	39.4	

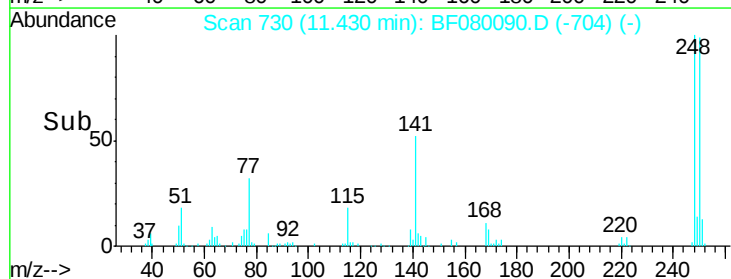
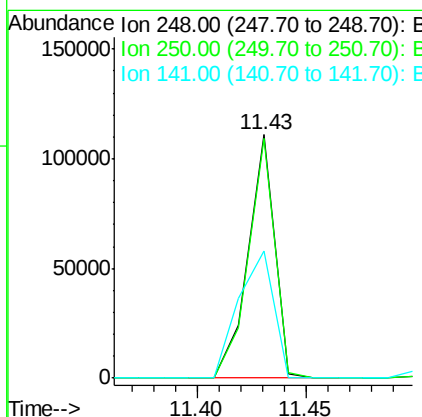
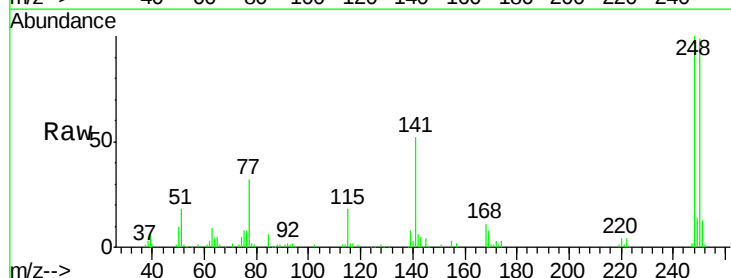
Manual Integrations
 APPROVED

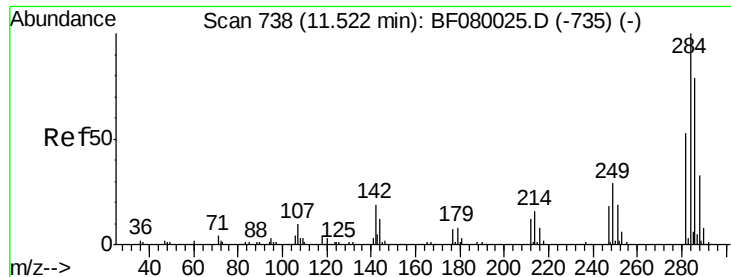
apatel
 6/22/2015 2:44:11 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.08 ng
 RT: 11.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	94303		
250	98.6	78.5	117.7	
141	52.0	59.0	88.6	





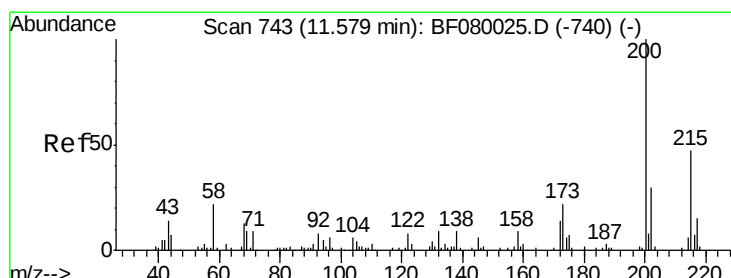
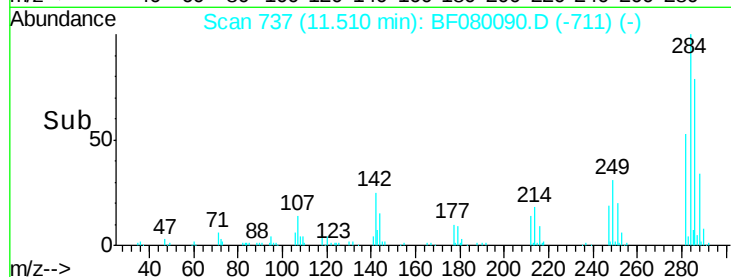
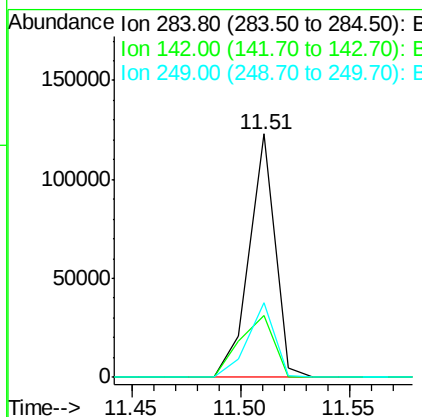
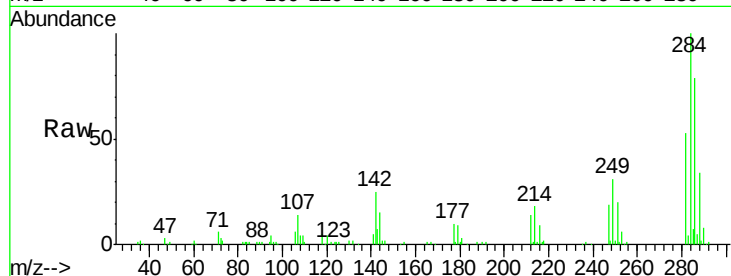
#67
Hexachlorobenzene
Concen: 42.89 ng
RT: 11.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	25.5	29.5	44.3#
249	30.8	19.5	29.3#

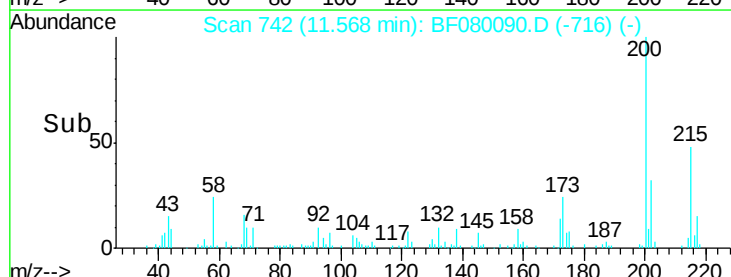
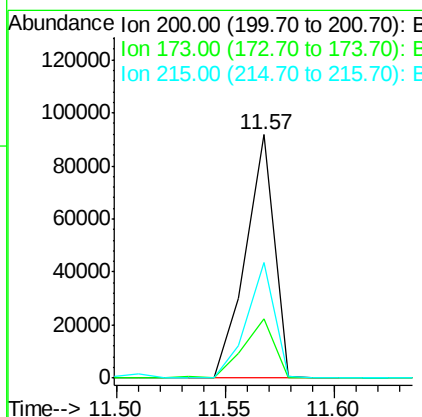
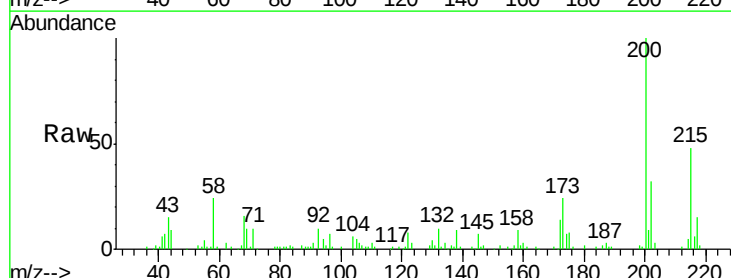
Manual Integrations
APPROVED

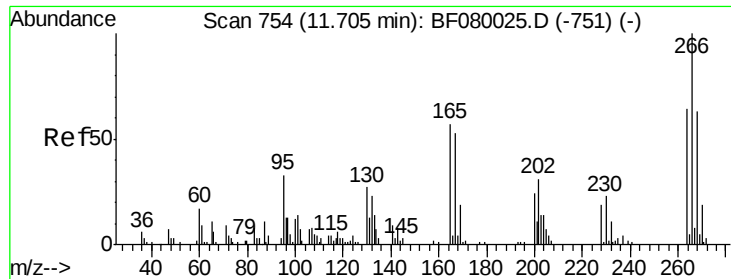
apatel
6/22/2015 2:44:11 PM



#68
Atrazine
Concen: 40.62 ng
RT: 11.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.3	13.2	53.2
215	47.6	41.8	81.8





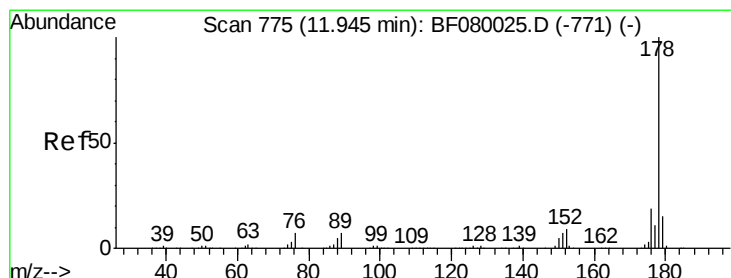
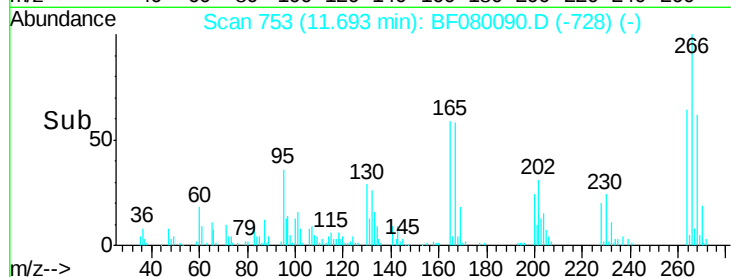
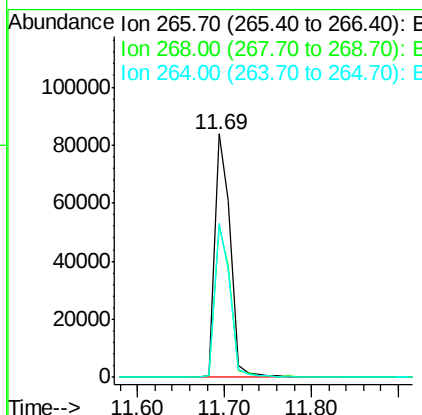
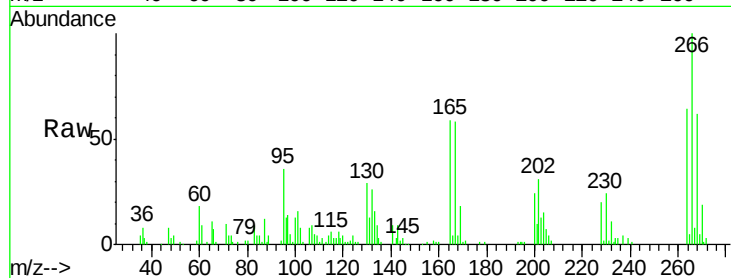
#69
 Pentachlorophenol
 Concen: 78.71 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106042		
268	62.3	49.8	74.6	
264	63.5	50.2	75.2	

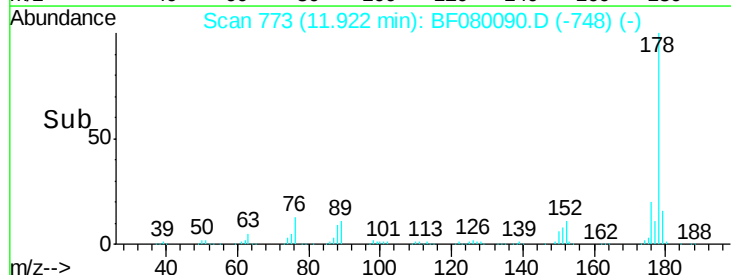
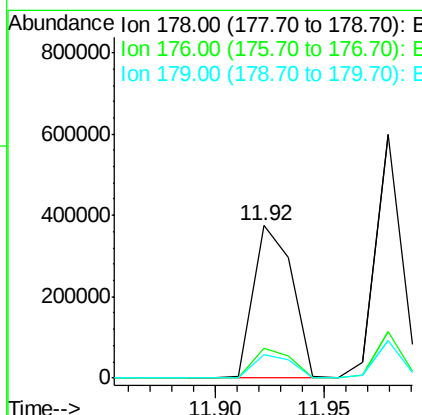
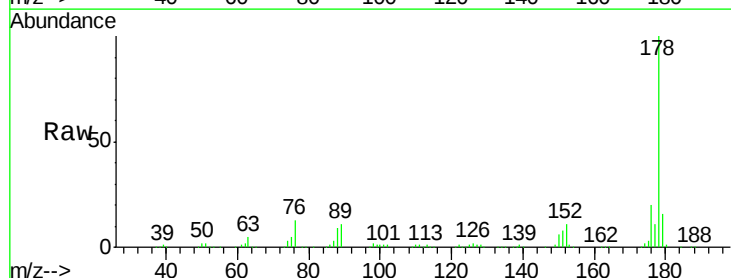
Manual Integrations
 APPROVED

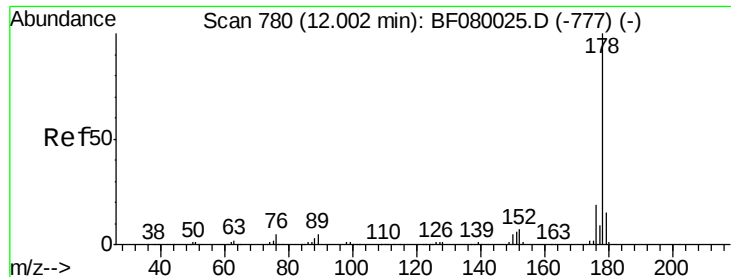
apatel
 6/22/2015 2:44:11 PM



#70
 Phenanthrene
 Concen: 38.21 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	465450		
176	19.7	13.8	20.8	
179	15.5	12.2	18.2	





#71

Anthracene

Concen: 42.43 ng

RT: 11.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

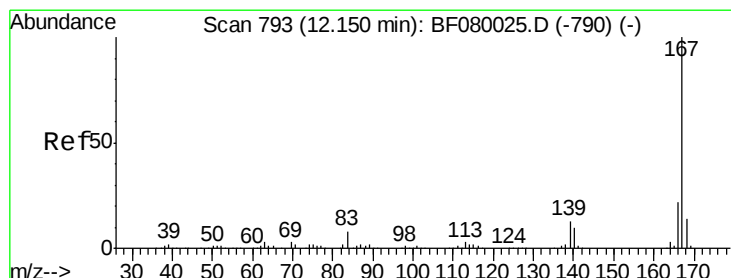
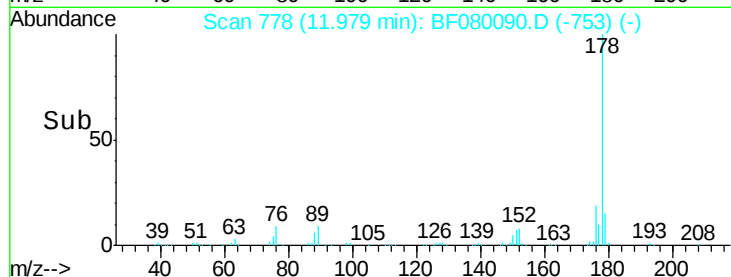
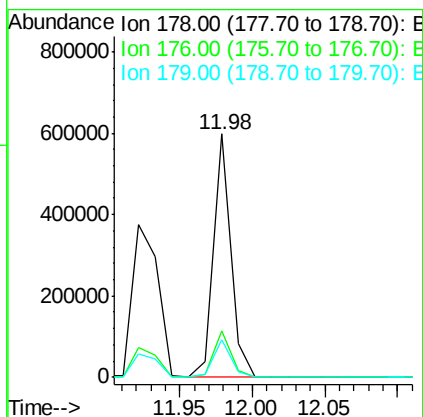
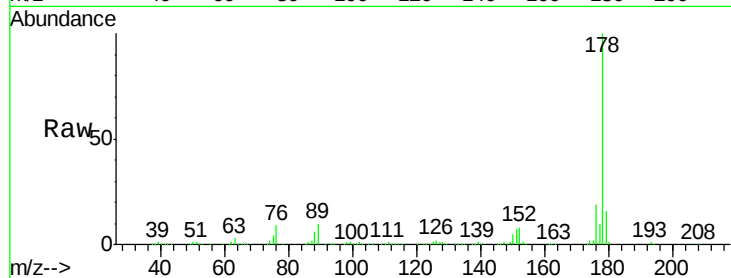
ClientSampleId :

PB84072BSD

Tgt Ion:	178	Resp:	497613
Ion Ratio	Lower	Upper	
178	100		
176	19.2	14.1	21.1
179	15.6	12.2	18.2

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#72

Carbazole

Concen: 37.80 ng

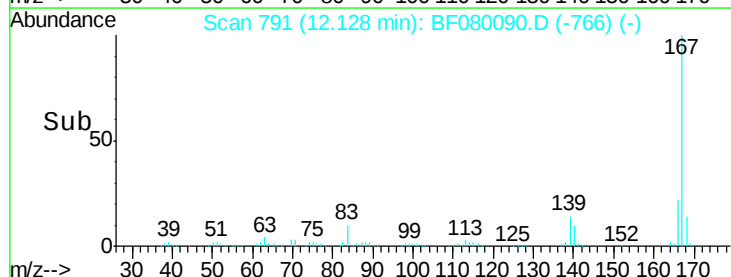
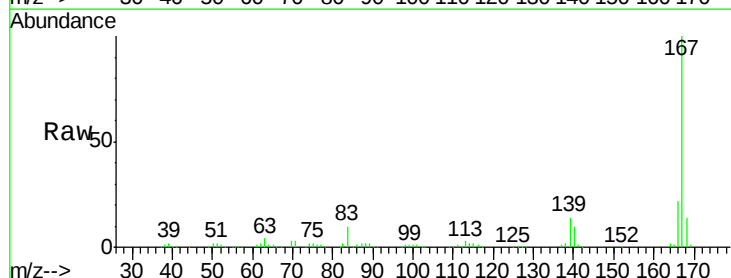
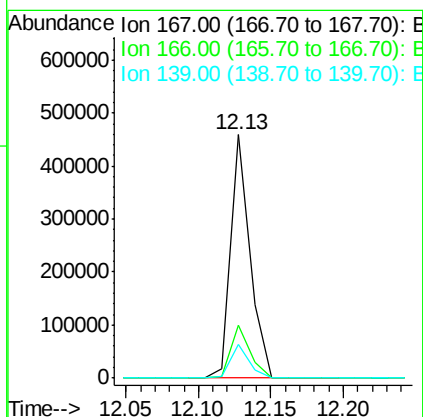
RT: 12.13 min Scan# 791

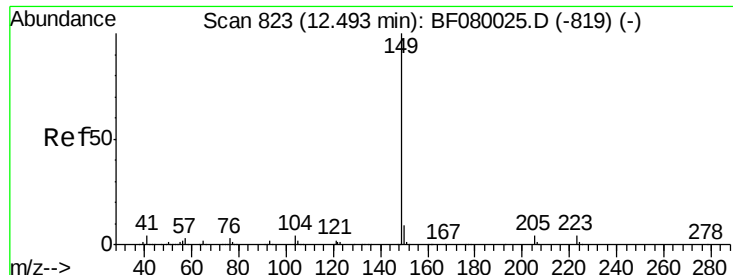
Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	167	Resp:	423209
Ion Ratio	Lower	Upper	
167	100		
166	21.8	15.7	23.5
139	13.7	9.5	14.3





#73

Di-n-butylphthalate

Concen: 41.87 ng

RT: 12.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

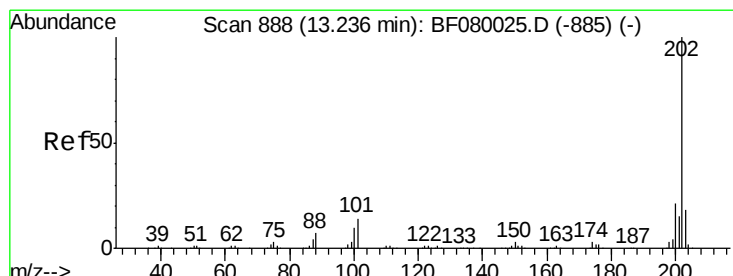
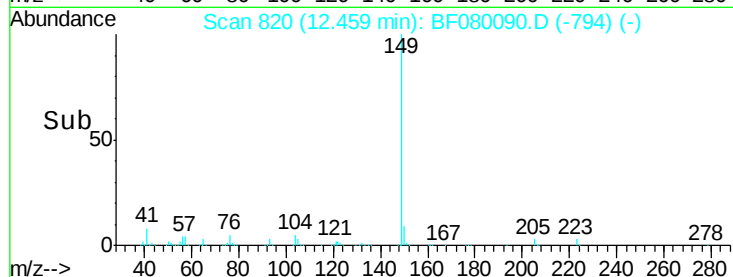
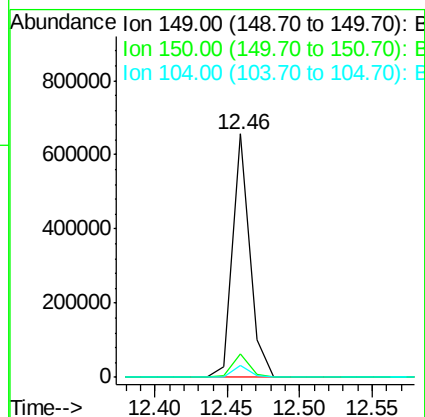
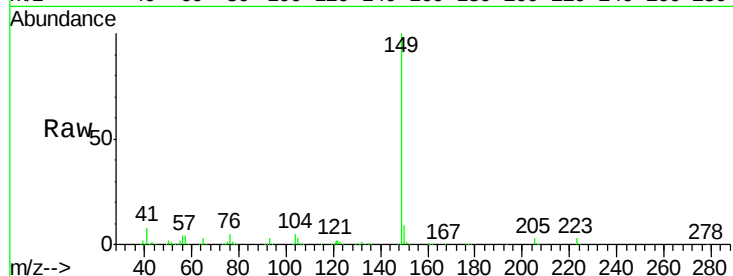
PB84072BSD

Manual Integrations
APPROVED

apatel

6/22/2015 2:44:11 PM

Tgt Ion:	149	Resp:	541614
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	4.7	2.4	3.6#



#74

Fluoranthene

Concen: 39.04 ng

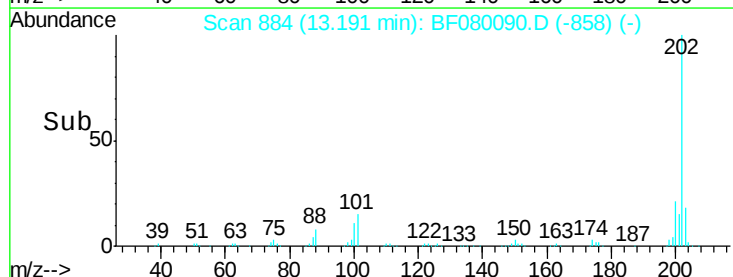
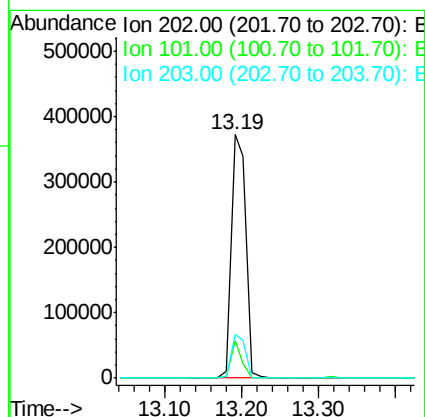
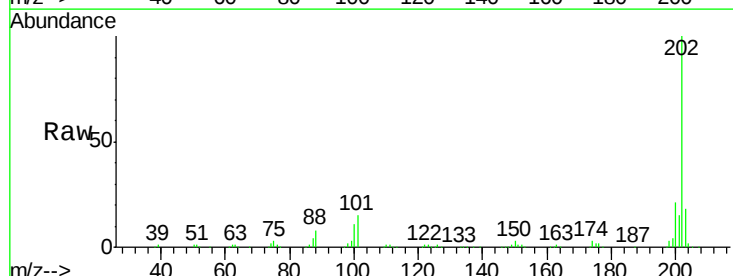
RT: 13.19 min Scan# 884

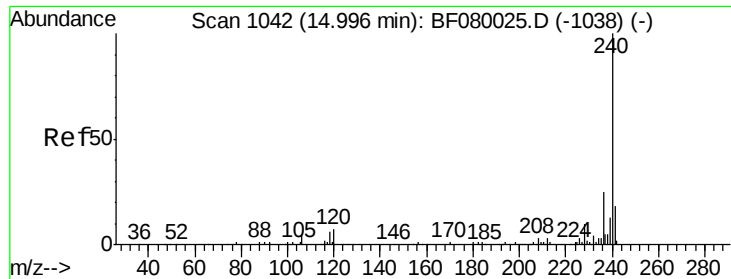
Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	202	Resp:	506391
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	38.3
203	18.0	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.89 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

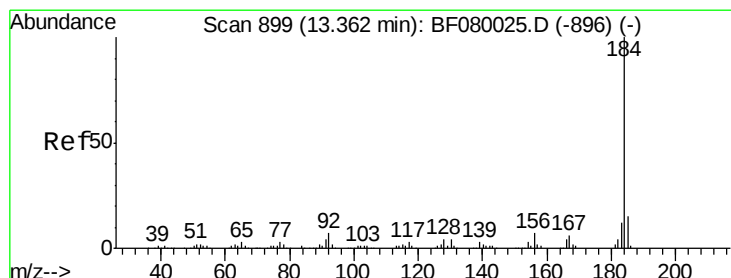
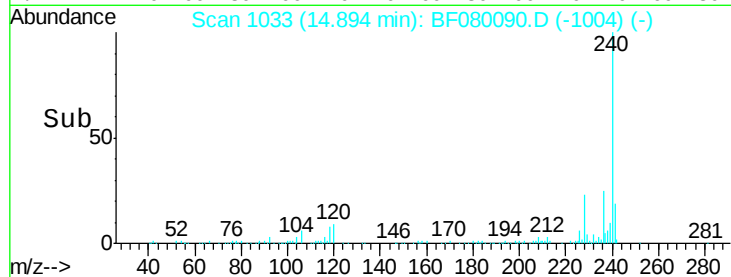
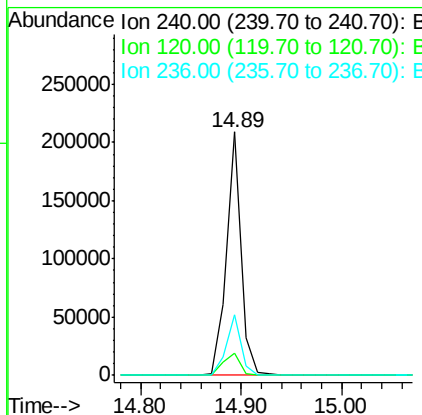
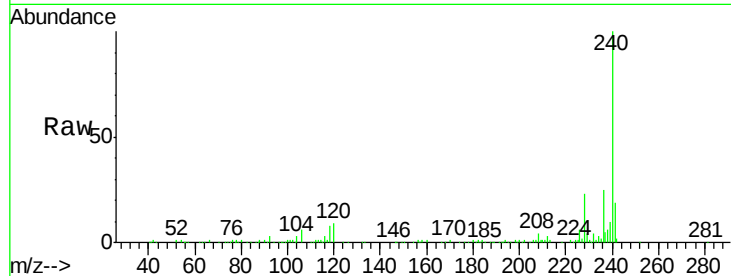
ClientSampleId :

PB84072BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	212991		
120	9.0	16.2	24.2#	
236	24.7	18.4	27.6	

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#76

Benzidine

Concen: 56.76 ng

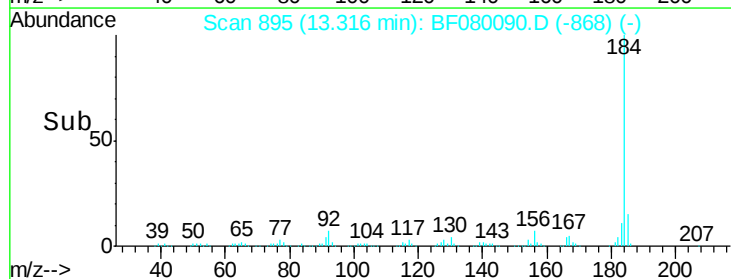
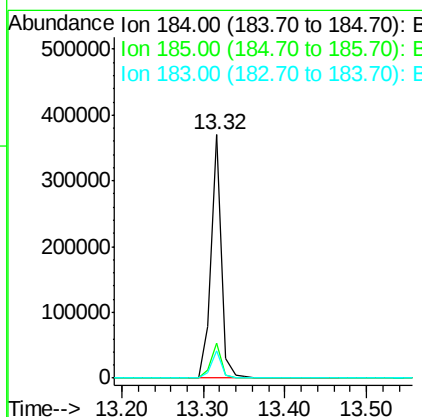
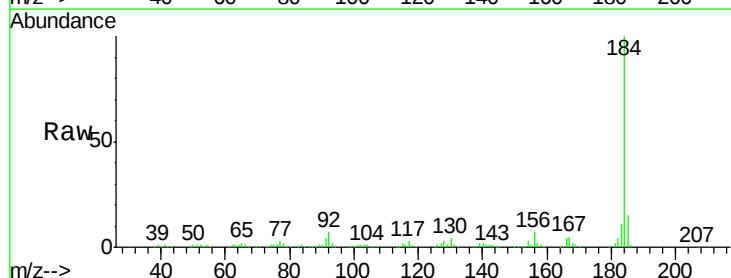
RT: 13.32 min Scan# 895

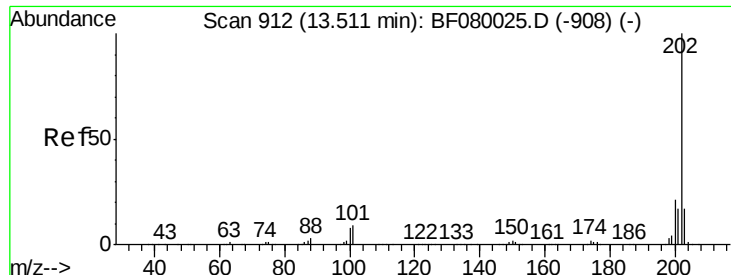
Delta R.T. 0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	337938		
185	14.6	11.8	17.6	
183	11.0	7.6	11.4	





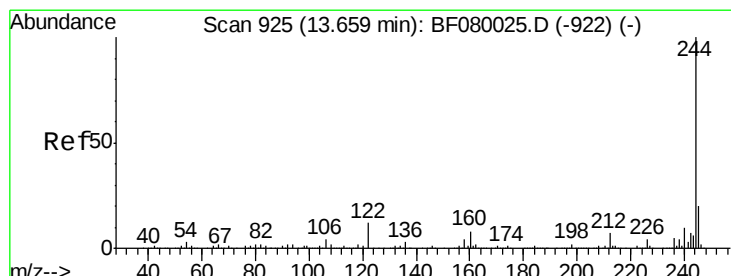
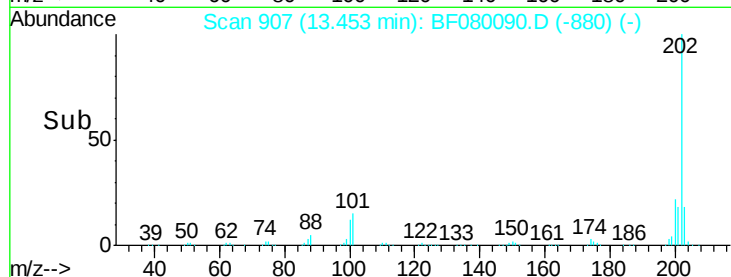
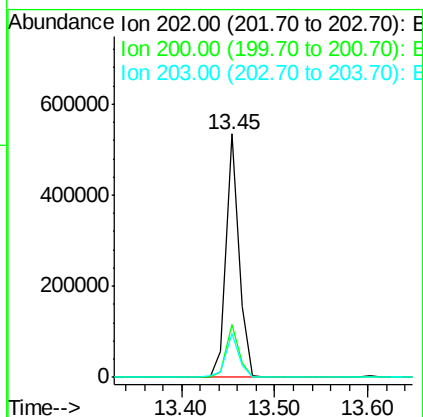
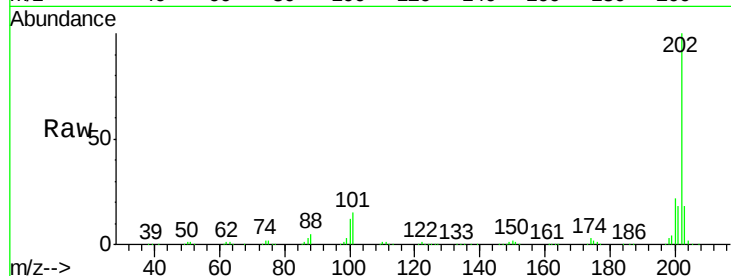
#77
 Pyrene
 Concen: 39.71 ng
 RT: 13.45 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.0	15.0	22.4
203	18.0	14.1	21.1

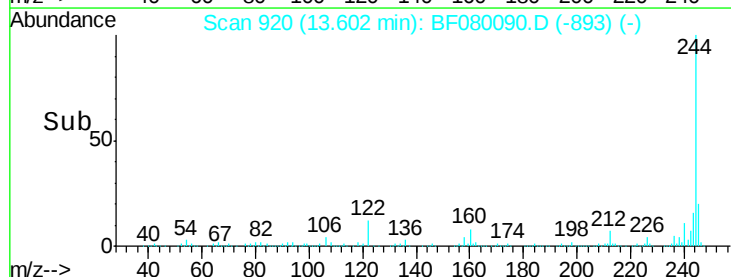
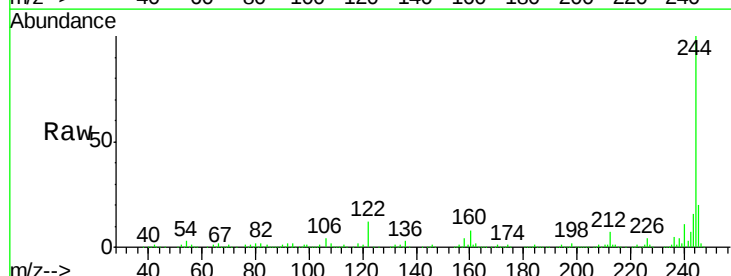
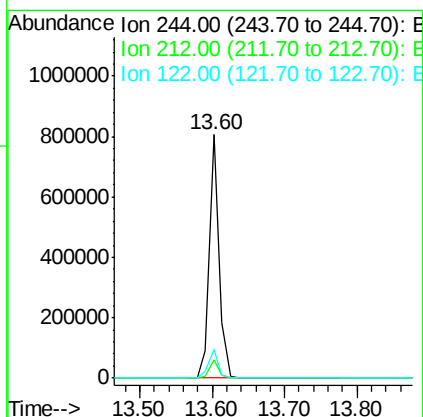
Manual Integrations
 APPROVED

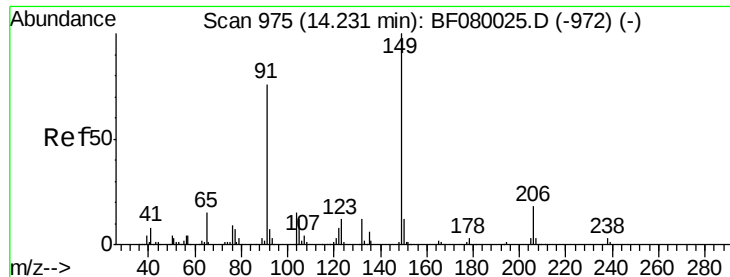
apatel
 6/22/2015 2:44:11 PM



#78
 Terphenyl-d14
 Concen: 82.36 ng
 RT: 13.60 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	4.3	6.5#
122	12.0	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 43.53 ng

RT: 14.15 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

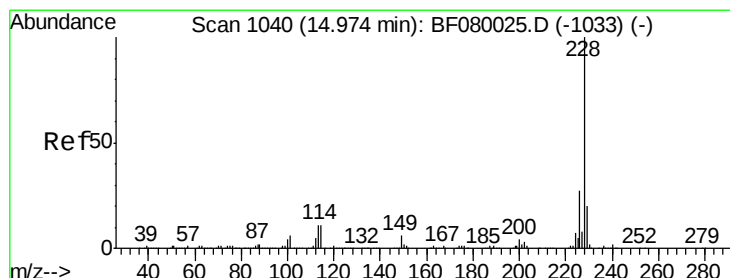
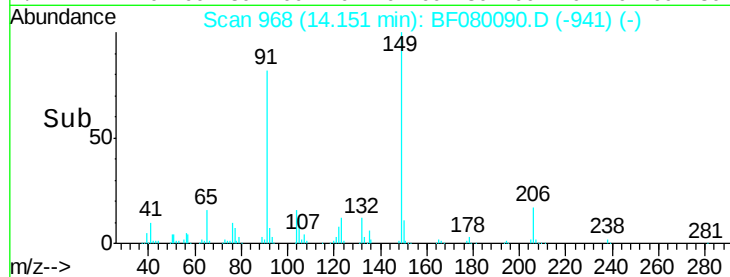
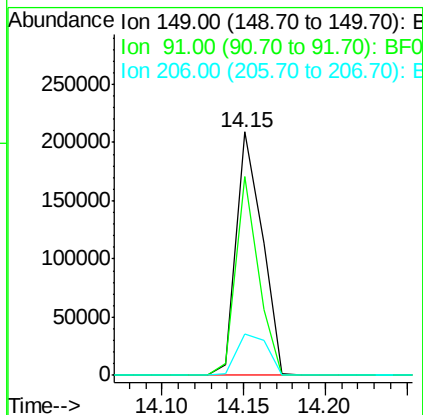
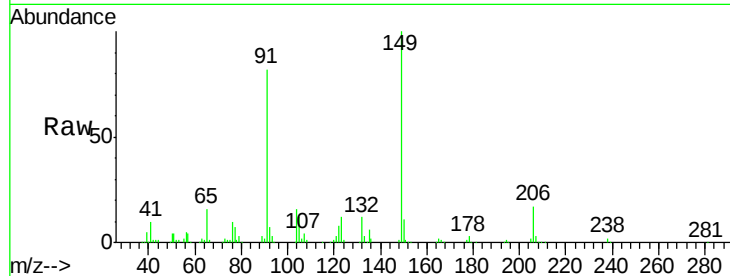
ClientSampleId :

PB84072BSD

Tgt Ion:	149	Resp:	229238
Ion Ratio	Lower	Upper	
149	100		
91	81.6	48.6	72.8#
206	17.2	14.9	22.3

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



#80

Benzo(a)anthracene

Concen: 39.64 ng

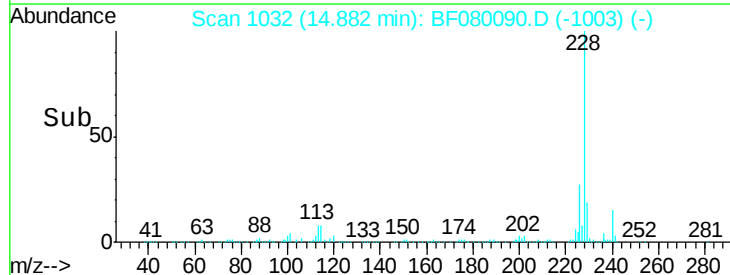
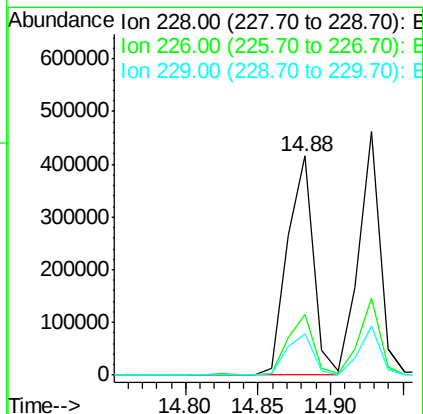
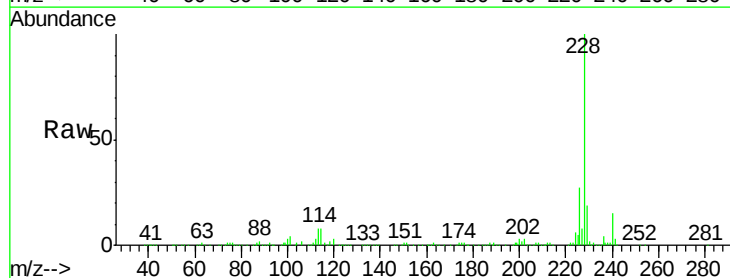
RT: 14.88 min Scan# 1032

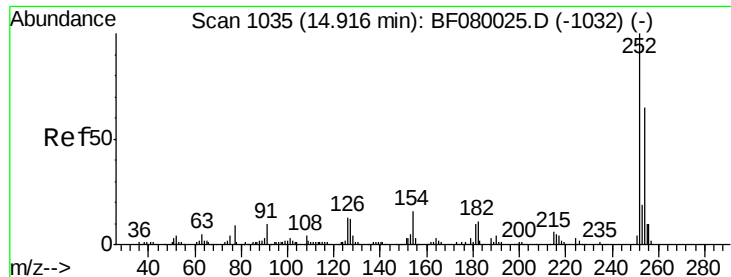
Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:	228	Resp:	514318
Ion Ratio	Lower	Upper	
228	100		
226	27.5	20.0	30.0
229	19.1	15.4	23.2





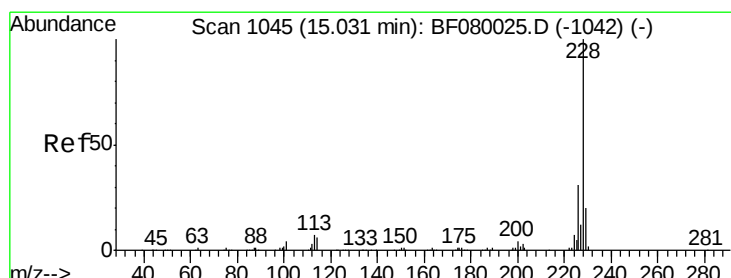
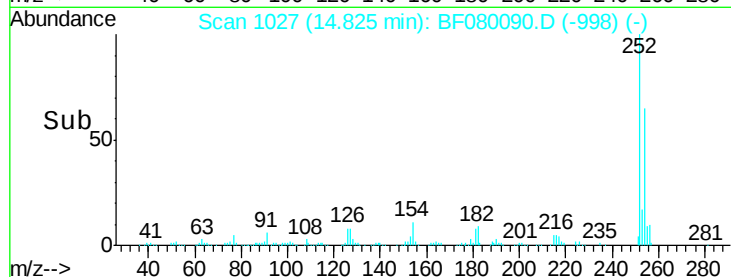
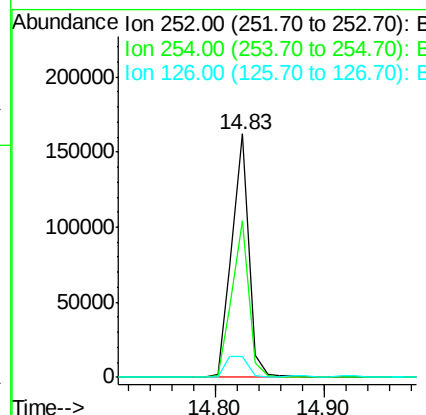
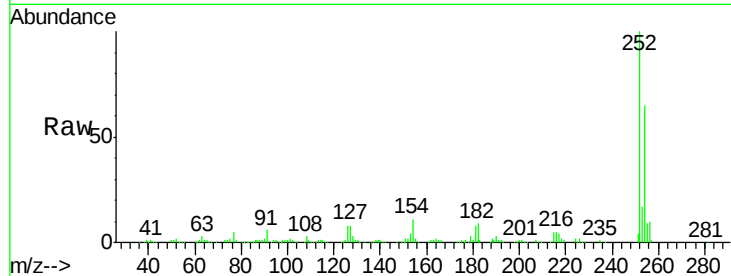
#81
 3,3'-Dichlorobenzidine
 Concen: 39.33 ng
 RT: 14.83 min Scan# 1027
 Delta R.T. 0.03 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	51.4	77.2
126	8.5	16.4	24.6

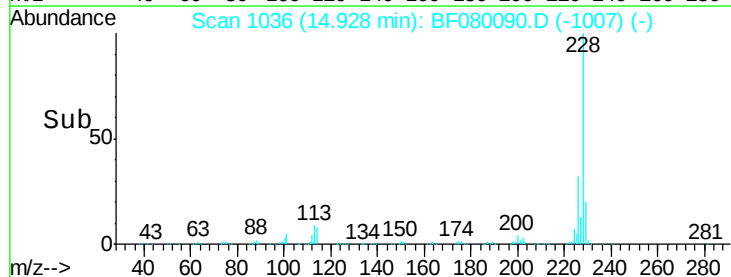
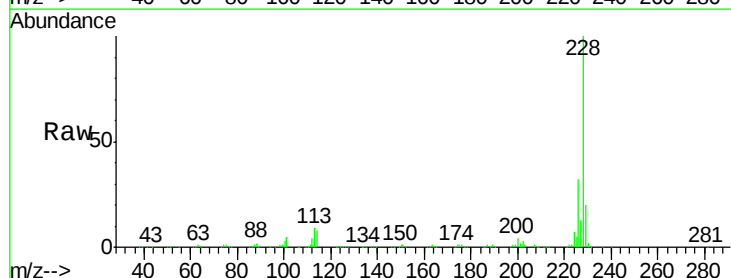
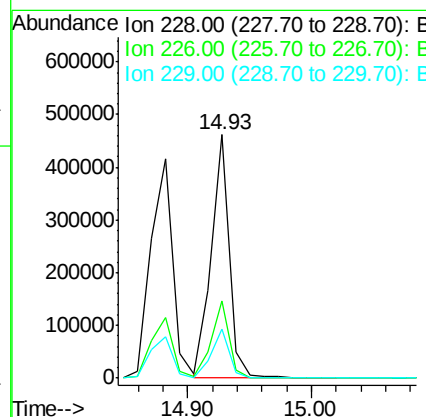
Manual Integrations
 APPROVED

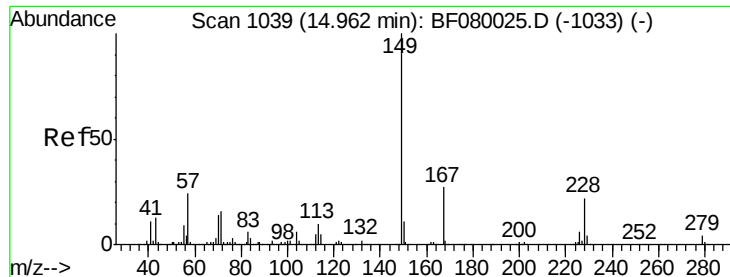
apatel
 6/22/2015 2:44:11 PM



#82
 Chrysene
 Concen: 39.87 ng m
 RT: 14.93 min Scan# 1036
 Delta R.T. 0.03 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	21.0	31.4
229	20.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.10 ng

RT: 14.86 min Scan# 1030

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

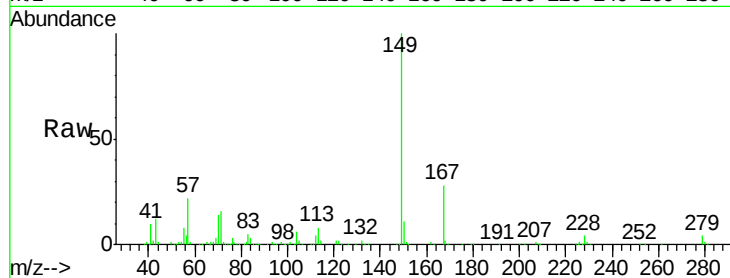
ClientSampleId :

PB84072BSD

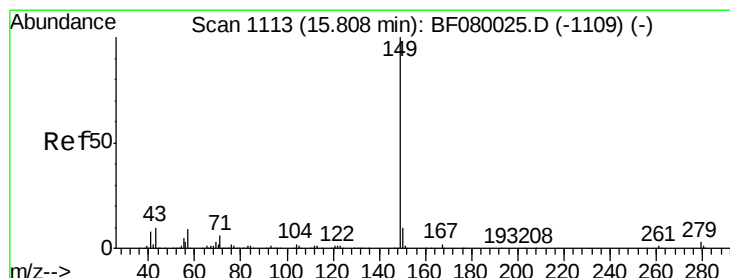
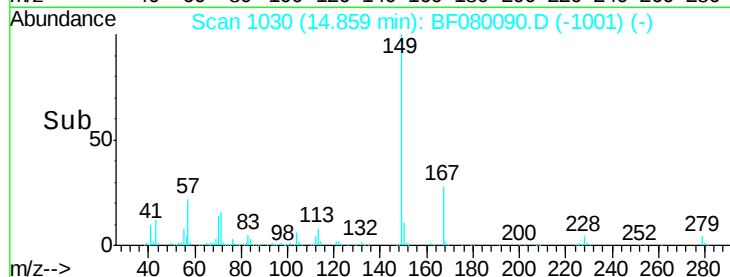
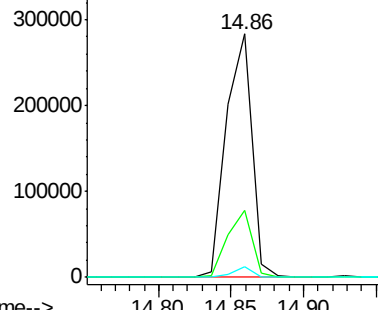
Tgt Ion:	149	Resp:	350410
Ion Ratio	Lower	Upper	
149	100		
167	27.8	24.2	36.2
279	4.2	3.8	5.6

Manual Integrations
APPROVED

apatel
6/22/2015 2:44:11 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.60 ng

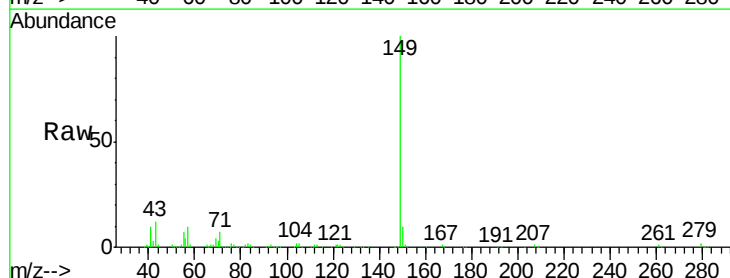
RT: 15.67 min Scan# 1101

Delta R.T. 0.03 min

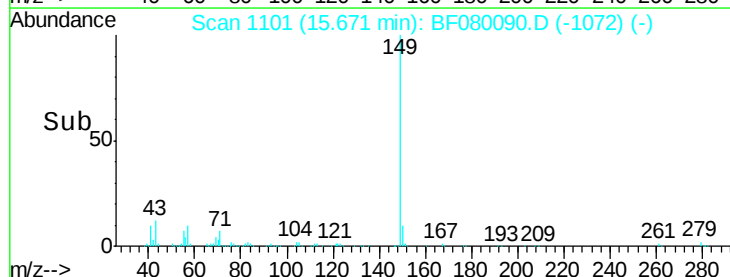
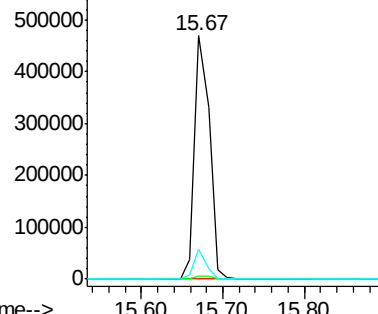
Lab File: BF080090.D

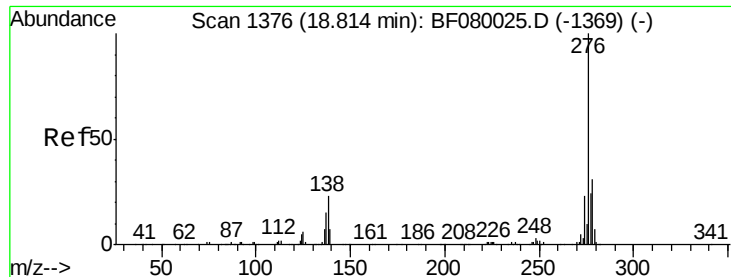
Acq: 20 Jun 2015 9:21

Tgt Ion:	149	Resp:	593306
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	10.5	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





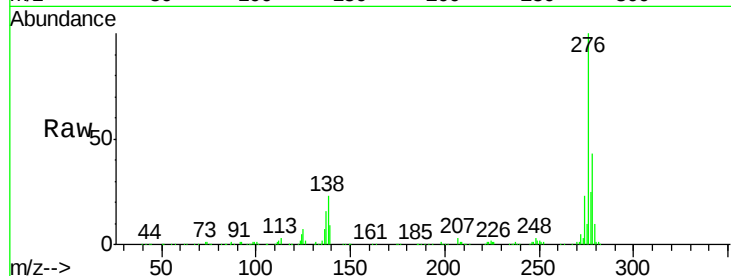
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.21 ng
 RT: 18.65 min Scan# 1362
 Delta R.T. 0.03 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

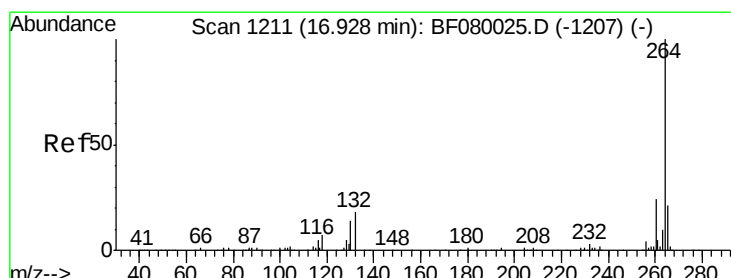
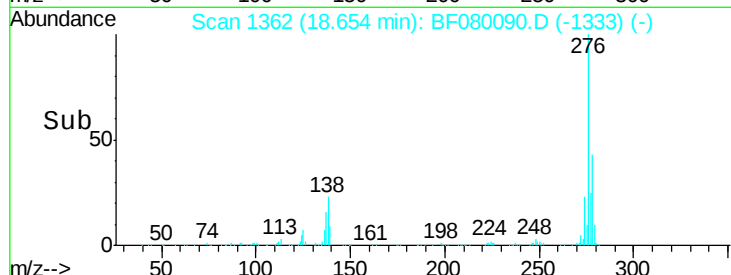
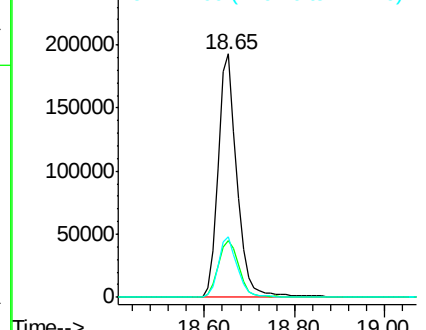
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.7	38.5
277	25.1	15.6	23.4

Manual Integrations
 APPROVED

apatel
 6/22/2015 2:44:11 PM

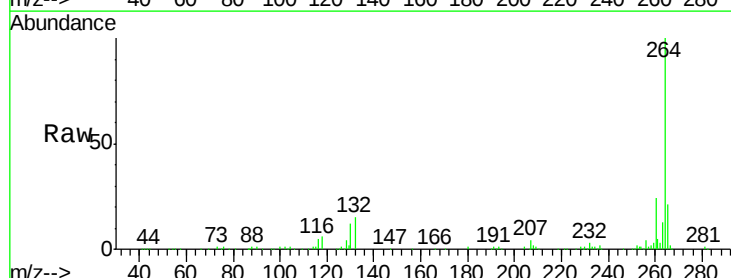


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

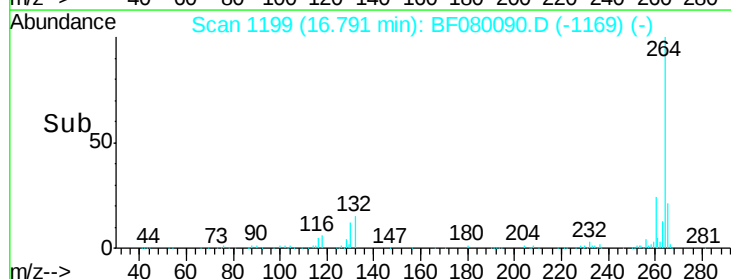
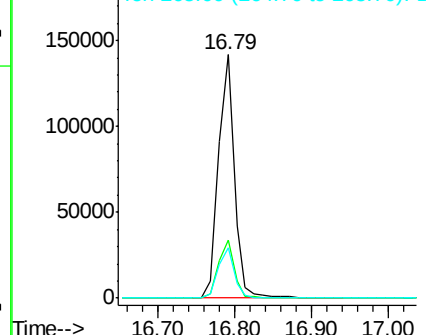


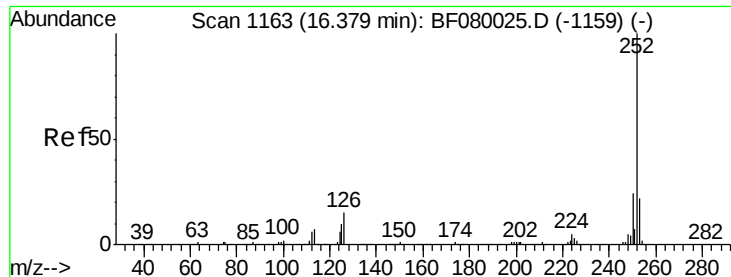
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.79 min Scan# 1199
 Delta R.T. 0.05 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	20.8	17.2	25.8



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





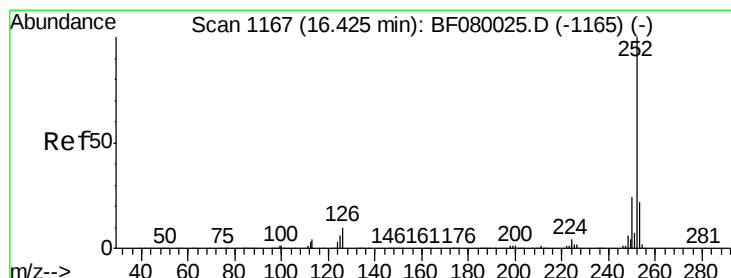
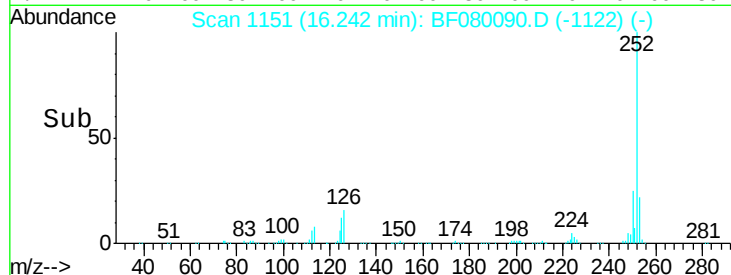
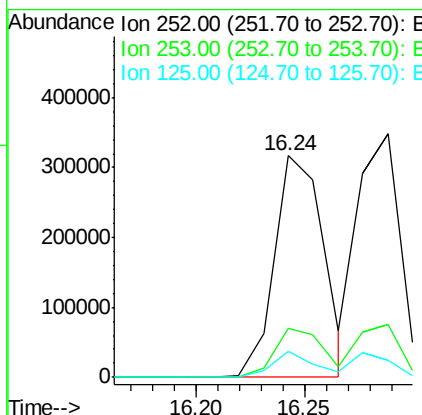
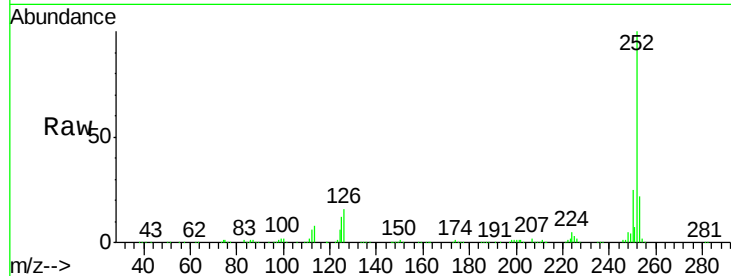
#87
Benzo(b)fluoranthene
Concen: 40.33 ng
RT: 16.24 min Scan# 1151
Delta R.T. 0.03 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.6	17.1	25.7

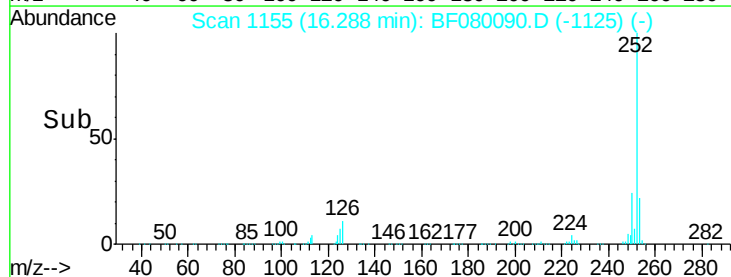
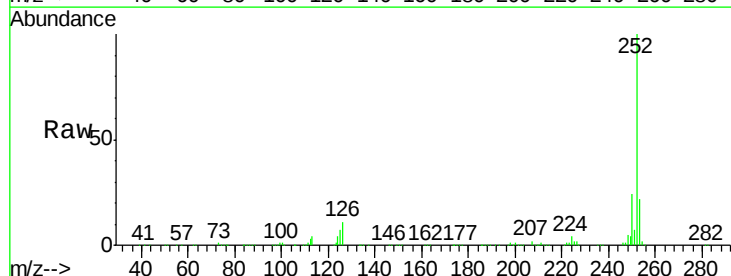
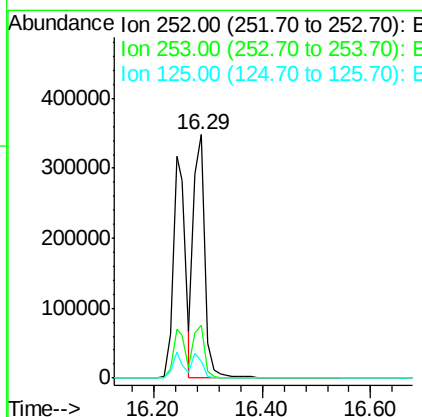
Manual Integrations
APPROVED

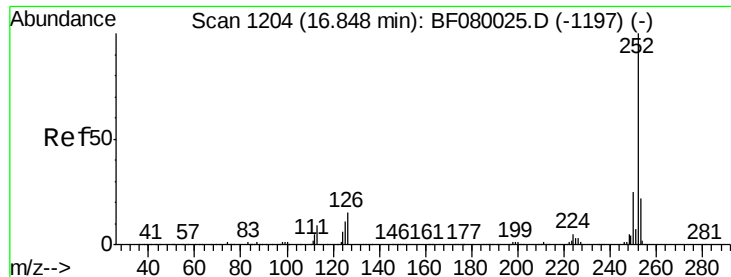
apatel
6/22/2015 2:44:11 PM



#88
Benzo(k)fluoranthene
Concen: 39.28 ng
RT: 16.29 min Scan# 1155
Delta R.T. 0.05 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.0	25.4
125	7.2	16.0	24.0





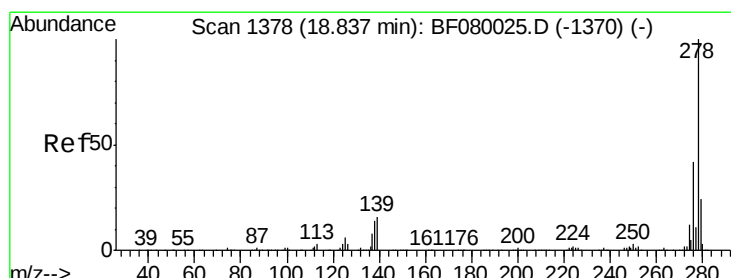
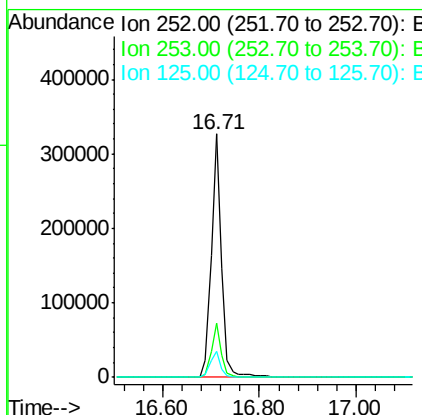
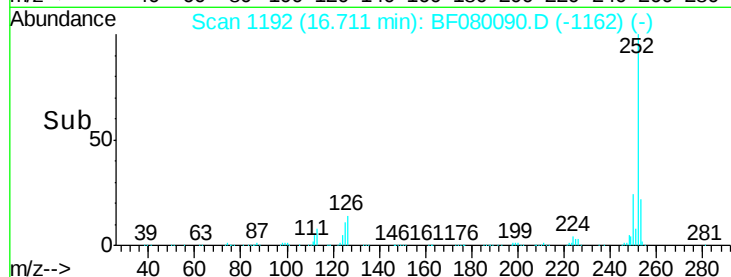
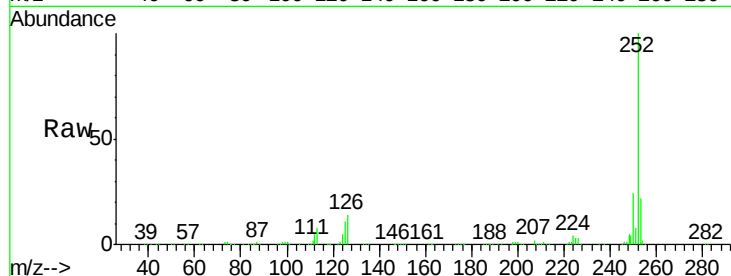
#89
Benzo(a)pyrene
Concen: 41.60 ng
RT: 16.71 min Scan# 1192
Delta R.T. 0.05 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.8	18.0	27.0

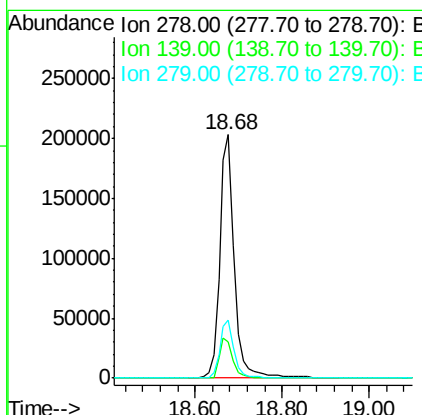
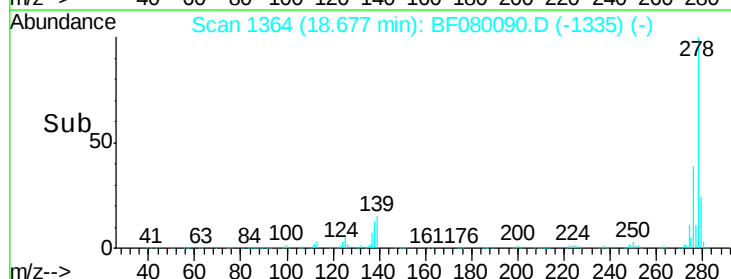
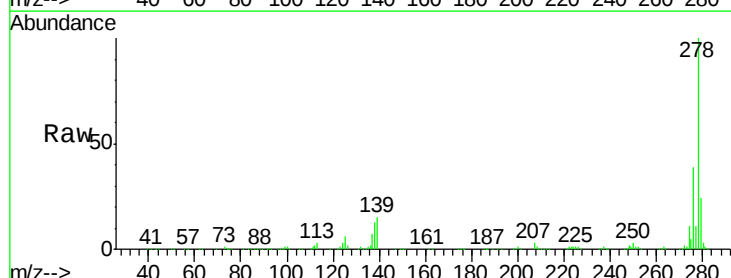
Manual Integrations
APPROVED

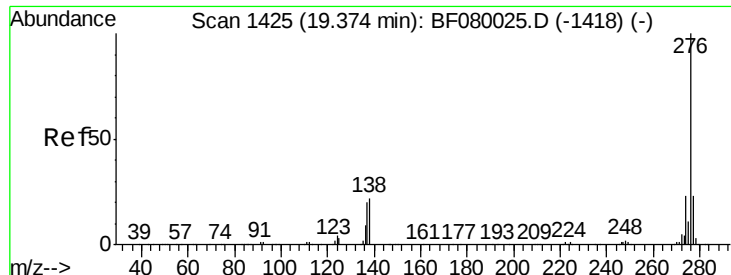
apatel
6/22/2015 2:44:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.44 ng
RT: 18.68 min Scan# 1364
Delta R.T. 0.03 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	26.3	39.5
279	23.8	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 39.01 ng
 RT: 19.21 min Scan# 1411
 Delta R.T. 0.03 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	17.8	26.6
138	21.9	34.6	51.8

Manual Integrations
 APPROVED

apatel
 6/22/2015 2:44:11 PM

