

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
 Data File : BF080968.D
 Acq On : 11 Aug 2015 18:34
 Operator : UM/IZ
 Sample : PB84929BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM

Quant Time: Aug 12 01:52:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	64112	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	241131	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	113084	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	226922	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	181872	20.00	ng	-0.03
86) Perylene-d12	15.32	264	191085	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	448002	114.17	ng	0.01
7) Phenol-d6	6.43	99	679458	126.36	ng	-0.01
23) Nitrobenzene-d5	7.36	82	432277	84.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	145531	117.14	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	579625	72.16	ng	-0.02
78) Terphenyl-d14	12.89	244	762380	86.58	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	60013	32.24	ng	98
3) Pyridine	3.13	79	153095	29.01	ng	93
4) n-Nitrosodimethylamine	3.08	42	95031	35.27	ng	91
6) Aniline	6.45	93	203151	25.72	ng	94
8) 2-Chlorophenol	6.57	128	160160	35.27	ng	# 82
9) Benzaldehyde	6.33	77	128603	35.48	ng	96
10) Phenol	6.44	94	258575	40.53	ng	81
11) bis(2-Chloroethyl)ether	6.52	93	162559	34.13	ng	93
12) 1,3-Dichlorobenzene	6.73	146	173924	36.09	ng	97
13) 1,4-Dichlorobenzene	6.81	146	173729	34.70	ng	99
14) 1,2-Dichlorobenzene	6.96	146	164281	36.29	ng	99
15) Benzyl Alcohol	6.93	79	156709	35.61	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	324846	33.90	ng	99
17) 2-Methylphenol	7.05	107	143189	36.95	ng	# 93
18) Hexachloroethane	7.30	117	66869	34.86	ng	95
19) n-Nitroso-di-n-propylamine	7.21	70	127723	32.50	ng	98
20) 3+4-Methylphenols	7.21	107	182518	37.49	ng	# 76
22) Acetophenone	7.20	105	237722	40.23	ng	# 96
24) Nitrobenzene	7.37	77	181886	34.65	ng	98
25) Isophorone	7.62	82	354618	36.17	ng	99
26) 2-Nitrophenol	7.69	139	82875	37.52	ng	97
27) 2,4-Dimethylphenol	7.73	122	167399	40.49	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	200594	34.08	ng	98
29) 2,4-Dichlorophenol	7.93	162	127611	37.56	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	137614	37.06	ng	98
31) Naphthalene	8.09	128	456213	34.32	ng	99
32) Benzoic acid	7.86	122	88113	35.60	ng	94
33) 4-Chloroaniline	8.14	127	106376	19.69	ng	94
34) Hexachlorobutadiene	8.21	225	77888	35.25	ng	98
35) Caprolactam	8.52	113	48976m	40.07	ng	
36) 4-Chloro-3-methylphenol	8.64	107	153484	37.02	ng	91
37) 2-Methylnaphthalene	8.78	142	282432	33.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	115580	33.15	ng	98
40) Hexachlorocyclopentadiene	8.94	237	160225	84.23	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
 Data File : BF080968.D
 Acq On : 11 Aug 2015 18:34
 Operator : UM/IZ
 Sample : PB84929BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM

Quant Time: Aug 12 01:52:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	84307	33.00	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	92277	35.84	ng #	87
45) 1,1'-Biphenyl	9.25	154	358174	36.91	ng	99
46) 2-Chloronaphthalene	9.28	162	266390	35.21	ng	99
47) 2-Nitroaniline	9.37	65	106186	35.00	ng	96
48) Acenaphthylene	9.69	152	447248	34.00	ng	100
49) Dimethylphthalate	9.56	163	310060	33.01	ng #	98
50) 2,6-Dinitrotoluene	9.62	165	67941	35.01	ng #	46
51) Acenaphthene	9.86	154	306077	37.99	ng	99
52) 3-Nitroaniline	9.78	138	55008	22.99	ng	100
53) 2,4-Dinitrophenol	9.88	184	49135	44.62	ng #	75
54) Dibenzofuran	10.03	168	400215	36.74	ng	99
55) 4-Nitrophenol	9.95	139	134340	75.01	ng #	73
56) 2,4-Dinitrotoluene	10.02	165	100816	38.82	ng #	68
57) Fluorene	10.37	166	328807	39.02	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	69770m	34.24	ng	
59) Diethylphthalate	10.26	149	356279	36.44	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	130785	31.85	ng	98
61) 4-Nitroaniline	10.40	138	83478	33.91	ng	98
62) Azobenzene	10.52	77	378608	34.63	ng	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	40775	28.99	ng #	72
65) n-Nitrosodiphenylamine	10.49	169	290289	36.82	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	89222	37.12	ng	95
67) Hexachlorobenzene	10.91	284	89762	33.59	ng #	61
68) Atrazine	11.01	200	85581	37.02	ng	99
69) Pentachlorophenol	11.10	266	104839	67.48	ng	97
70) Phenanthrene	11.32	178	445916	34.70	ng	99
71) Anthracene	11.38	178	486830	38.27	ng	99
72) Carbazole	11.53	167	421850	34.06	ng #	96
73) Di-n-butylphthalate	11.87	149	609204	39.34	ng	99
74) Fluoranthene	12.51	202	535027	38.52	ng	96
76) Benzidine	12.64	184	353726	54.45	ng	97
77) Pyrene	12.74	202	529482	39.41	ng	98
79) Butylbenzylphthalate	13.36	149	246389	38.04	ng #	68
80) Benzo(a)anthracene	13.92	228	422354	36.76	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	71932	17.21	ng #	98
82) Chrysene	13.95	228	367890	33.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	297935	33.06	ng #	95
84) Di-n-octyl phthalate	14.52	149	526429	34.45	ng	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	373685	35.70	ng	98
87) Benzo(b)fluoranthene	14.93	252	518643m	39.03	ng	
88) Benzo(k)fluoranthene	14.96	252	368126m	31.67	ng	
89) Benzo(a)pyrene	15.27	252	429108	37.57	ng #	96
90) Dibenzo(a,h)anthracene	16.68	278	306720	30.37	ng	100
91) Benzo(g,h,i)perylene	17.07	276	305055	31.05	ng	96

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

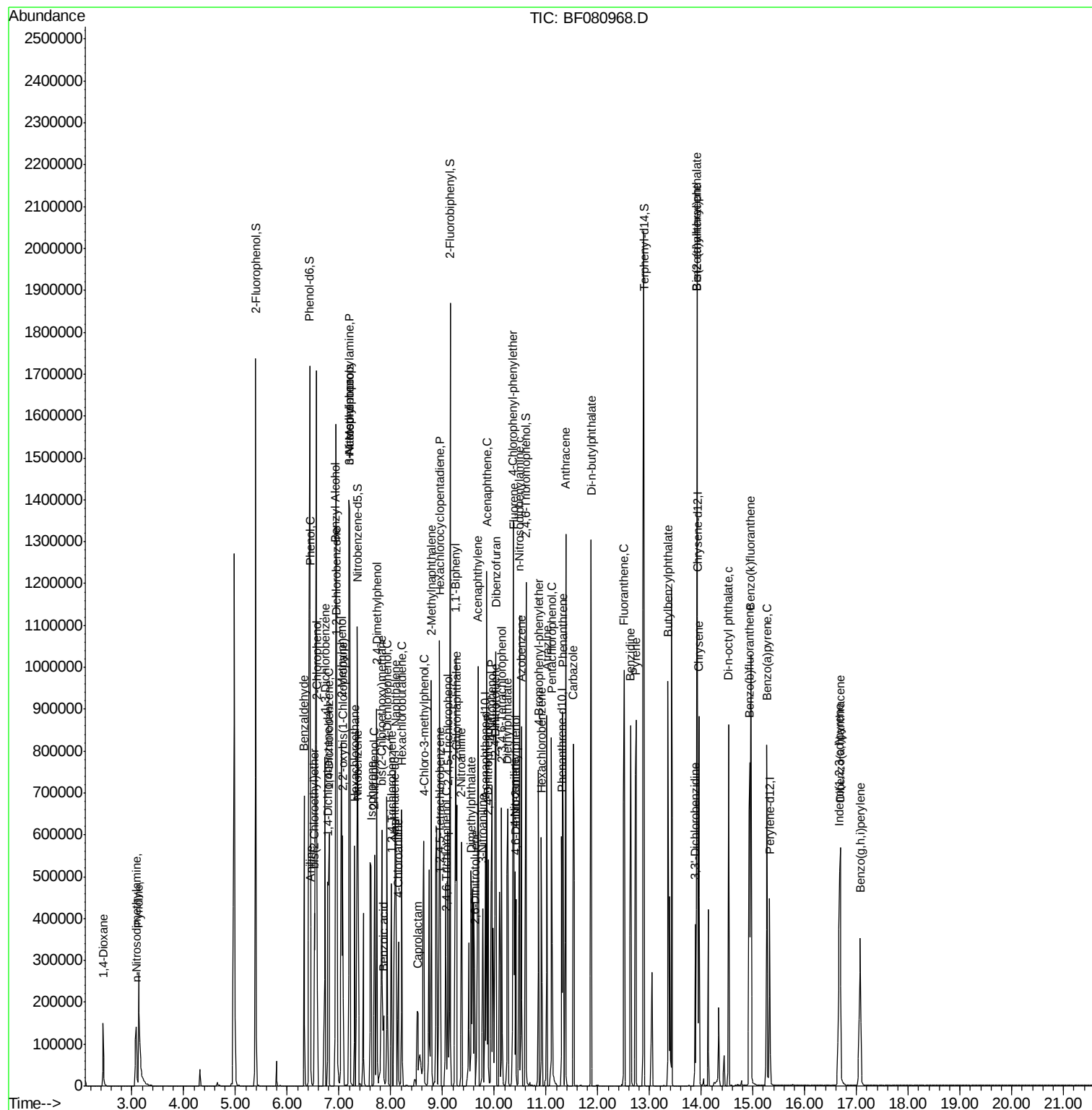
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080968.D
Acq On : 11 Aug 2015 18:34
Operator : UM/IZ
Sample : PB84929BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

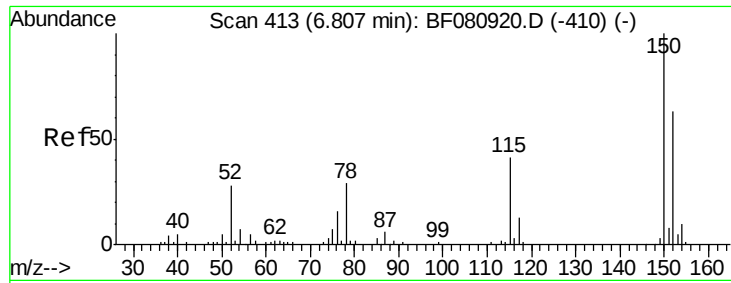
Instrument :
BNA_F
ClientSampleId :
PB84929BS

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM

Quant Time: Aug 12 01:52:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

ClientSampleId :

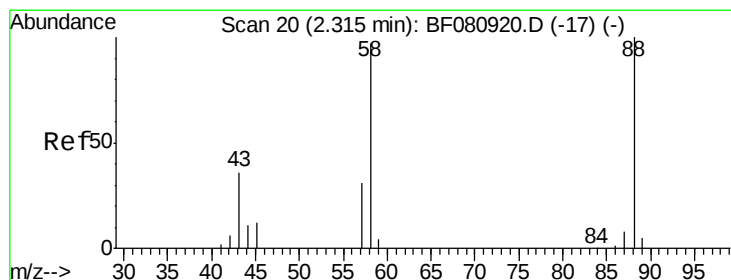
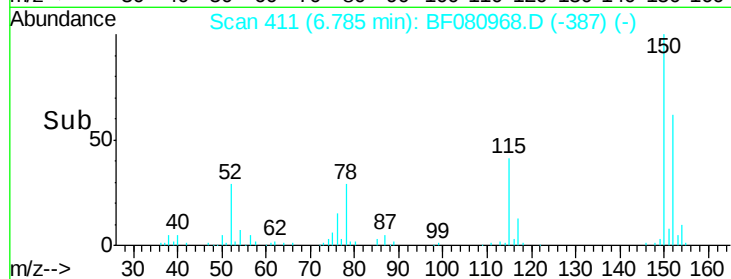
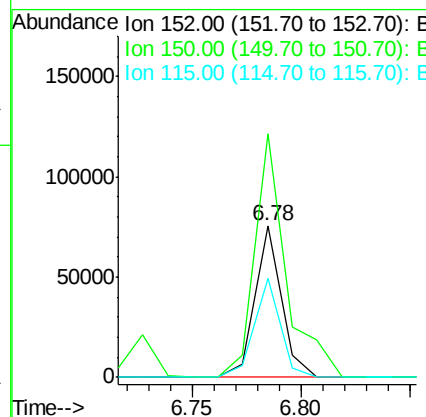
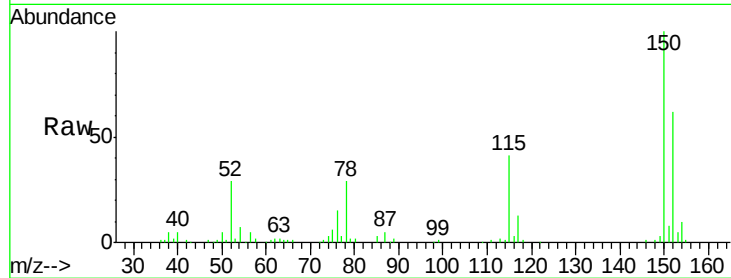
PB84929BS

Manual Integrations
APPROVED

apatel

8/12/2015 8:34:01 AM

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	127.4	191.2
115	65.5	52.6	78.8



#2

1,4-Dioxane

Concen: 32.24 ng

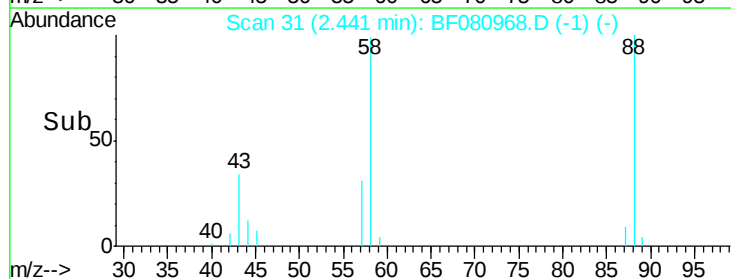
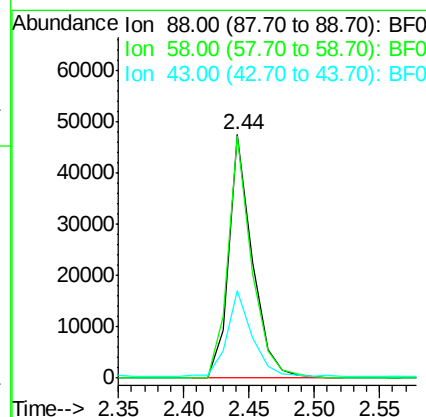
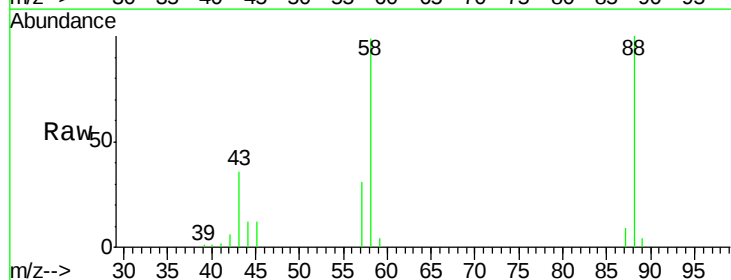
RT: 2.44 min Scan# 31

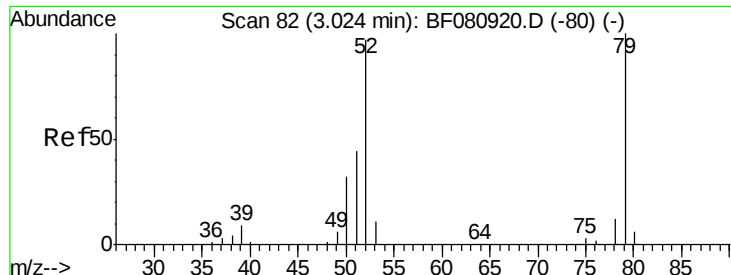
Delta R.T. 0.13 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	79.3	118.9
43	37.4	28.3	42.5





#3

Pyridine

Concen: 29.01 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.10 min

Lab File: BF080968.D

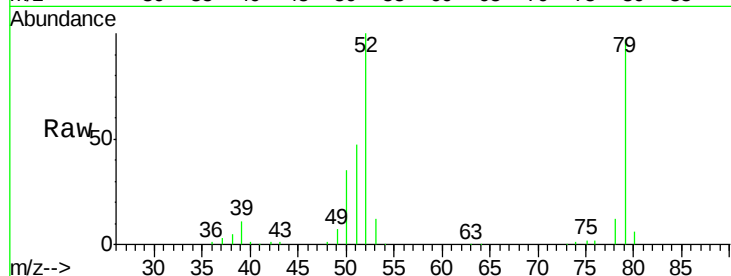
Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

ClientSampleId :

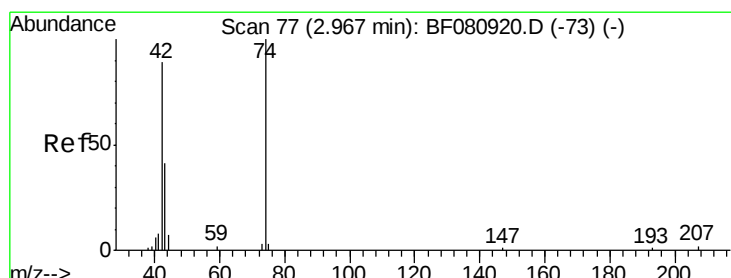
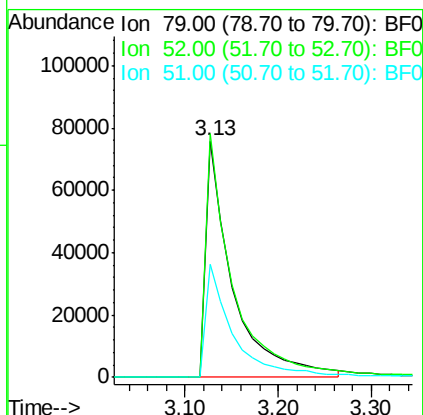
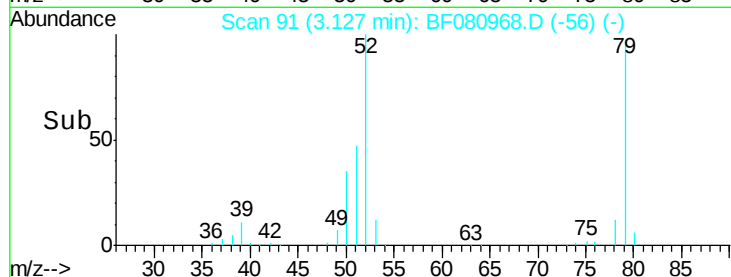
PB84929BS



Tgt Ion:	79	Resp:	153095
Ion	Ratio	Lower	Upper
79	100		
52	103.1	77.2	115.8
51	48.1	35.0	52.4

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#4

n-Nitrosodimethylamine

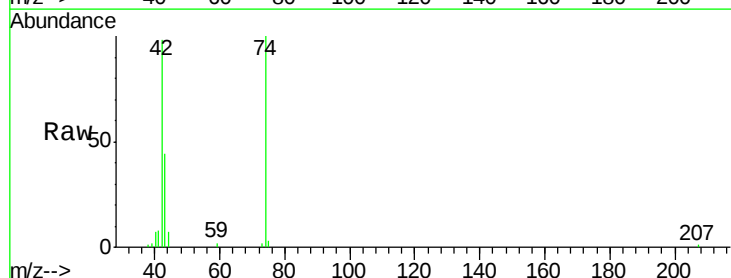
Concen: 35.27 ng

RT: 3.08 min Scan# 87

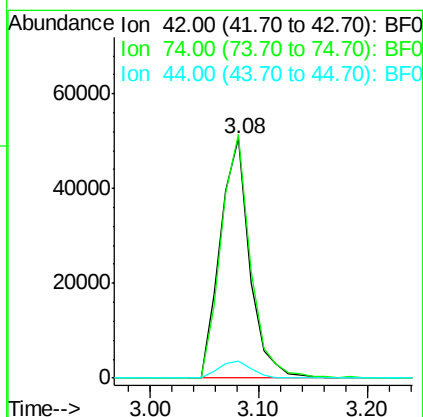
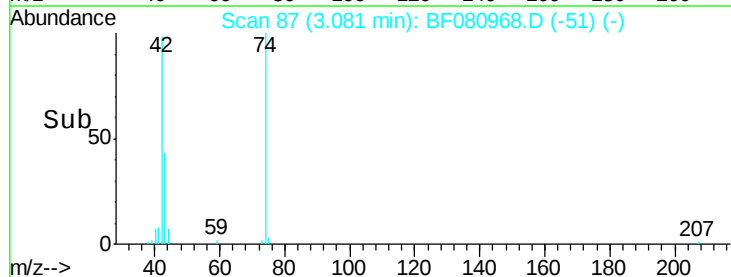
Delta R.T. 0.11 min

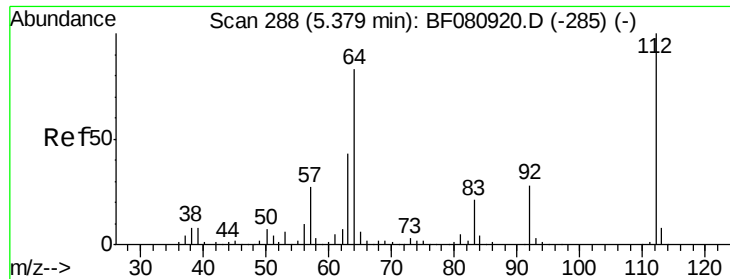
Lab File: BF080968.D

Acq: 11 Aug 2015 18:34



Tgt Ion:	42	Resp:	95031
Ion	Ratio	Lower	Upper
42	100		
74	101.7	89.8	134.8
44	7.3	6.5	9.7





#5

2-Fluorophenol

Concen: 114.17 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080968.D

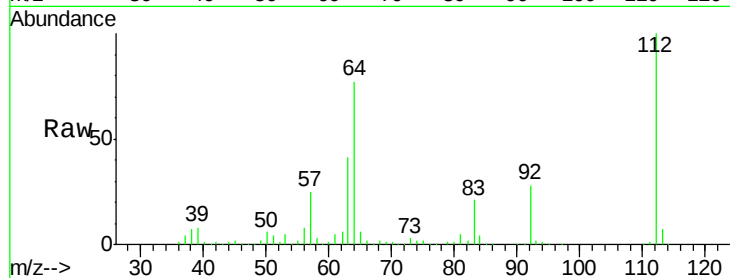
Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

ClientSampleId :

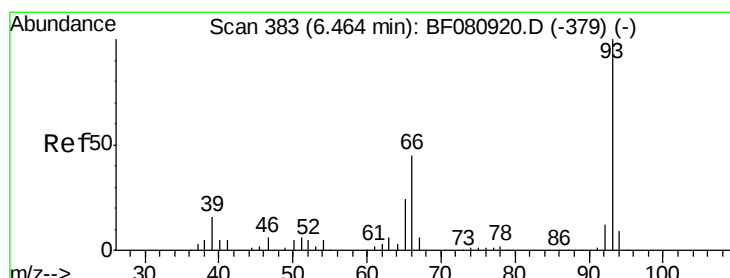
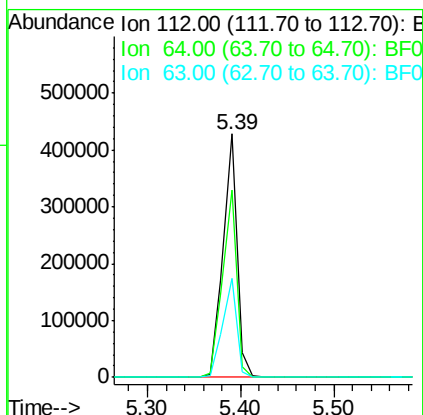
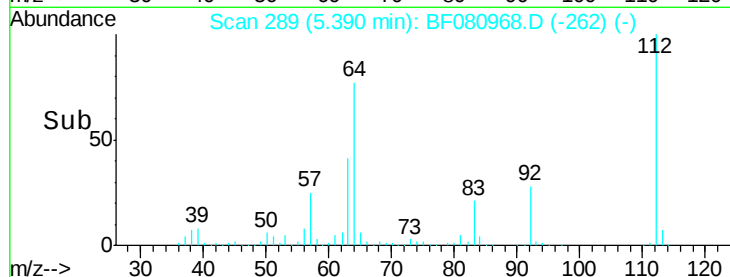
PB84929BS



Tgt Ion:	112	Resp:	448002
Ion Ratio	Lower	Upper	
112	100		
64	76.9	66.1	99.1
63	40.8	34.6	52.0

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#6

Aniline

Concen: 25.72 ng

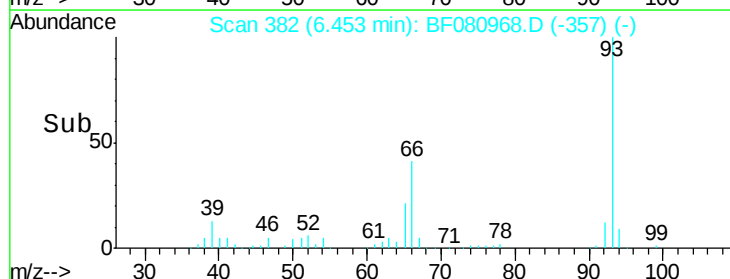
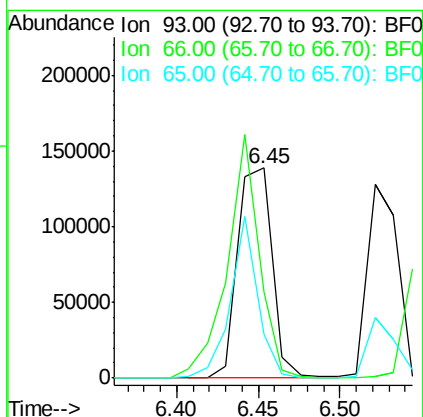
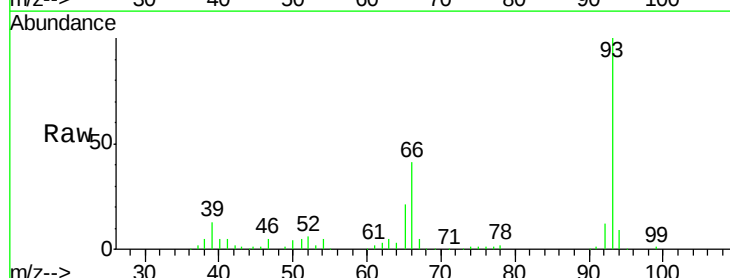
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:	93	Resp:	203151
Ion Ratio	Lower	Upper	
93	100		
66	41.2	36.2	54.4
65	20.7	19.0	28.4





#7

Phenol-d6

Concen: 126.36 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

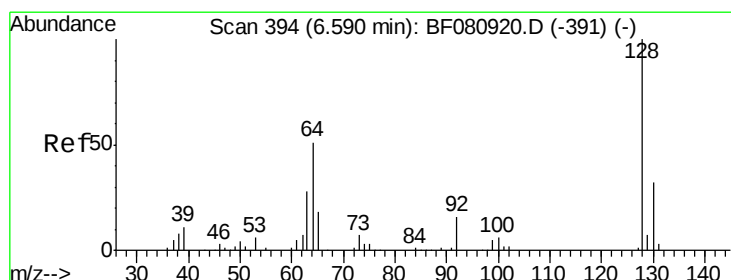
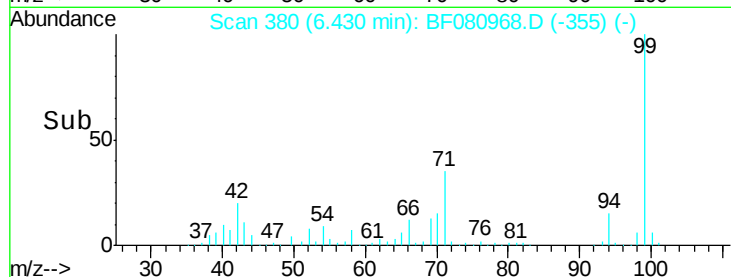
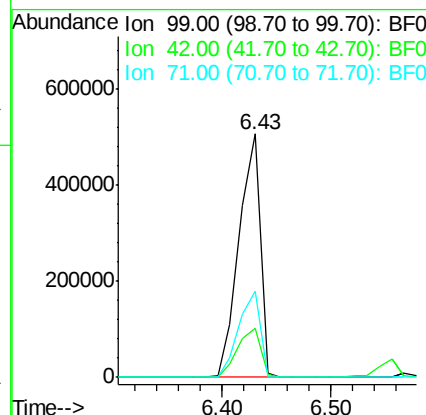
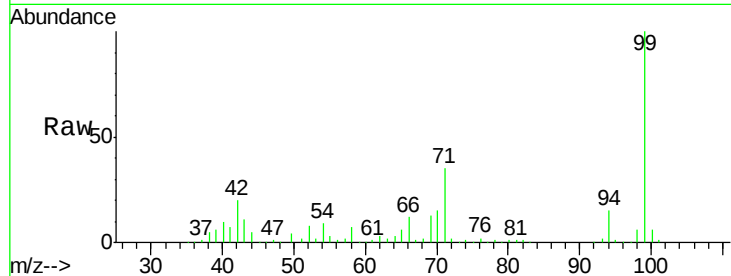
ClientSampleId :

PB84929BS

Tgt Ion:	99	Resp:	679458
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.4	21.6
71	35.2	25.8	38.8

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#8

2-Chlorophenol

Concen: 35.27 ng

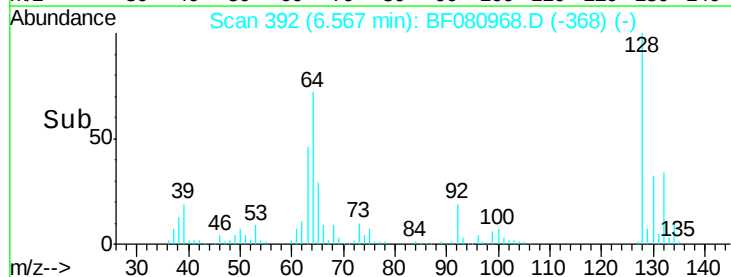
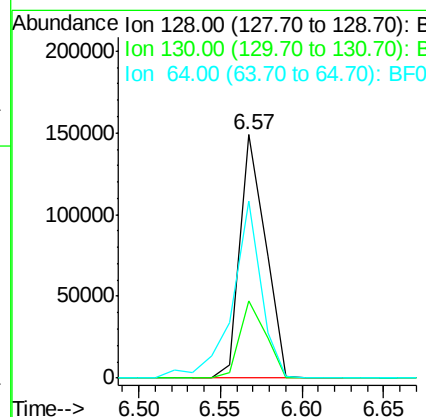
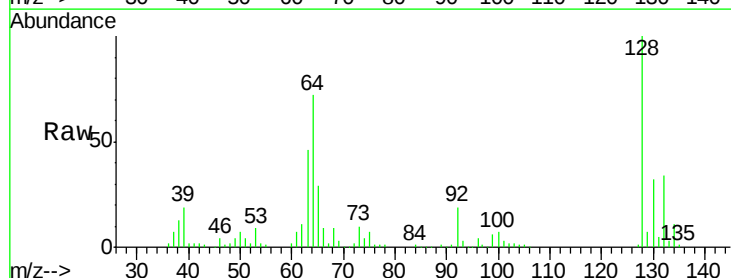
RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:	128	Resp:	160160
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.4	52.4
64	72.5	32.1	72.1





#9

Benzaldehyde

Concen: 35.48 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

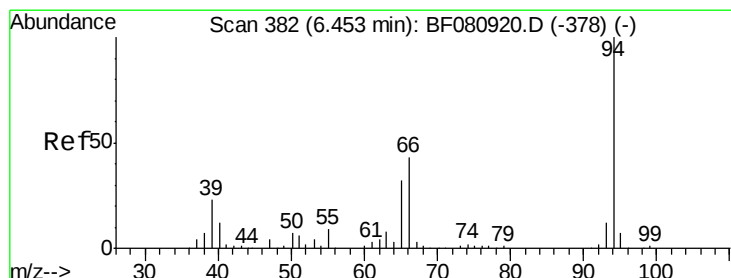
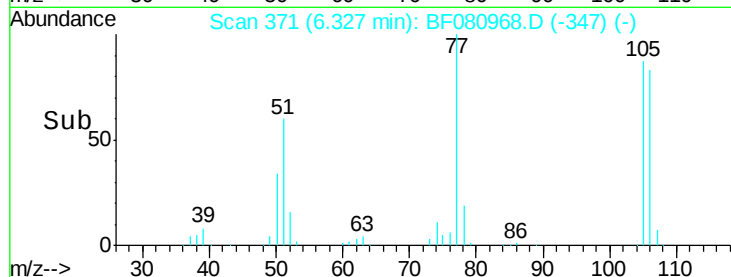
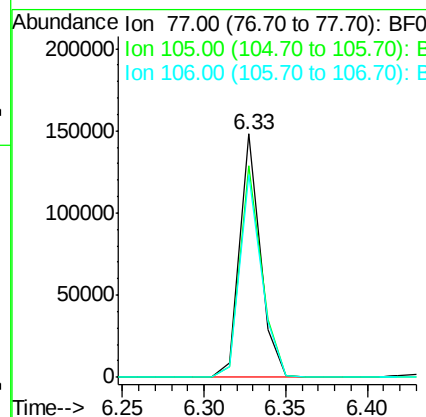
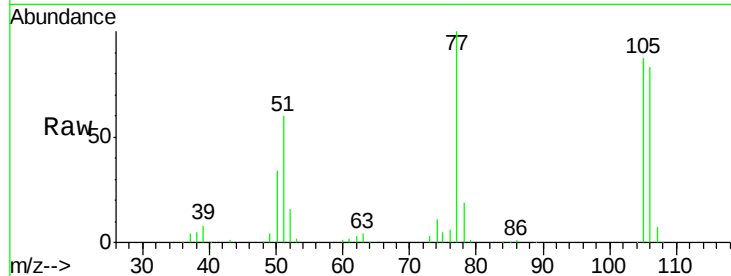
ClientSampleId :

PB84929BS

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM

Tgt Ion	Ratio	Lower	Upper
77	100		
105	87.0	71.6	111.6
106	83.0	65.7	105.7



#10

Phenol

Concen: 40.53 ng

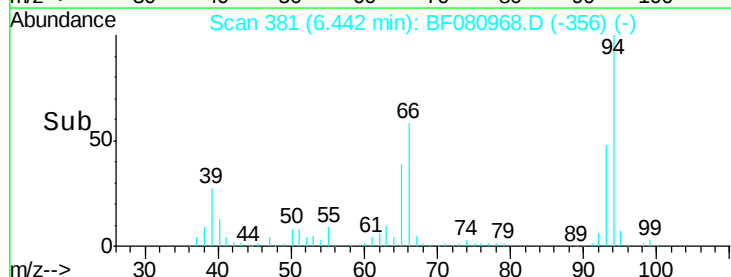
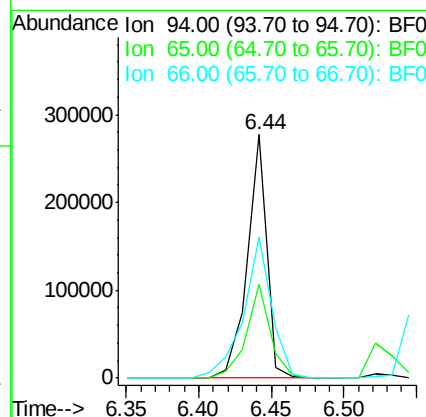
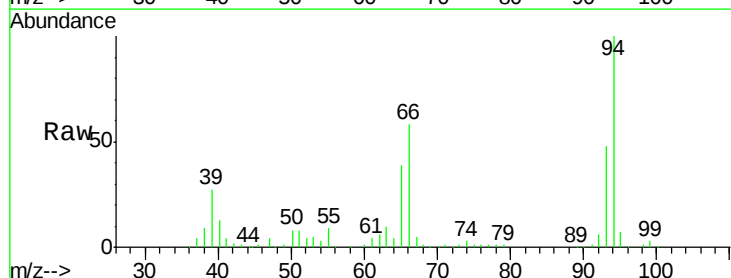
RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.6	11.8	51.8
66	58.0	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 34.13 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

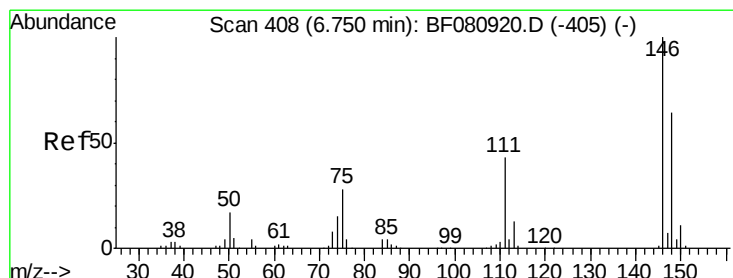
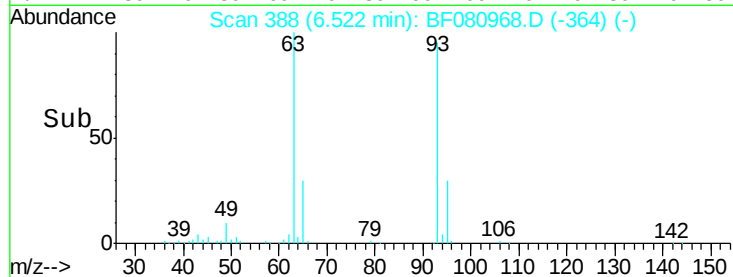
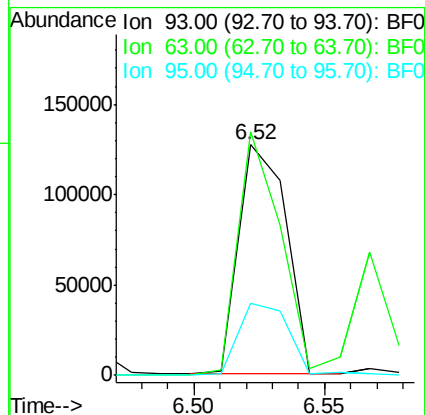
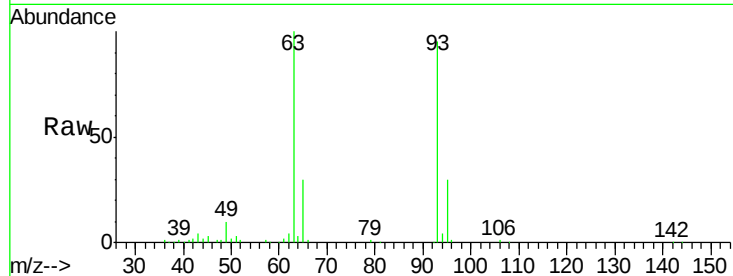
ClientSampleId :

PB84929BS

Tgt Ion:	93	Resp:	162559
Ion Ratio	Lower	Upper	
93	100		
63	105.6	76.7	116.7
95	31.5	12.3	52.3

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#12

1,3-Dichlorobenzene

Concen: 36.09 ng

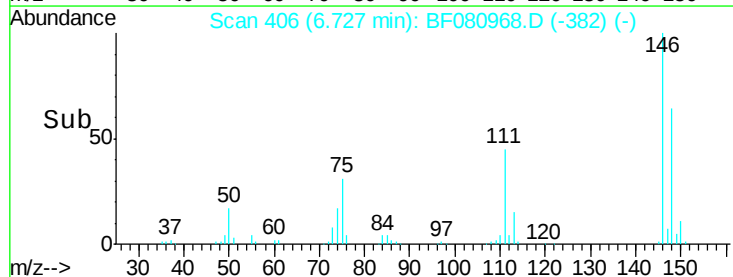
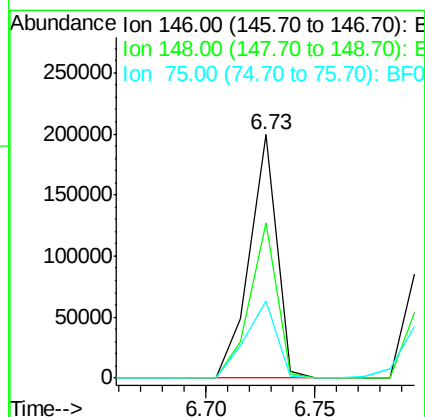
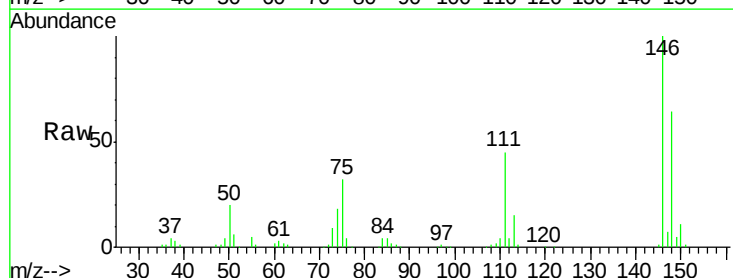
RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:	146	Resp:	173924
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.0
75	31.7	22.2	33.4





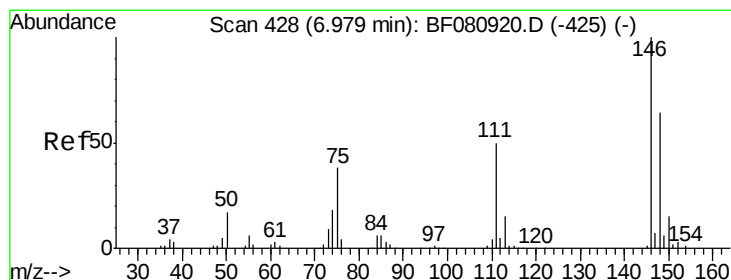
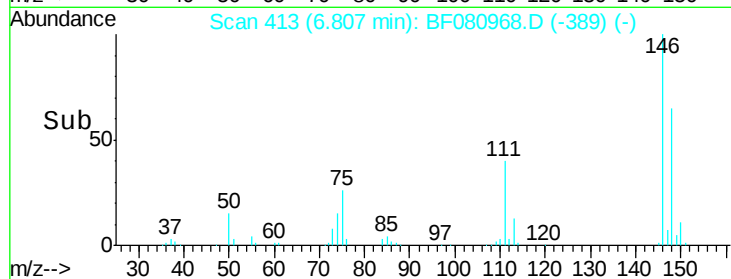
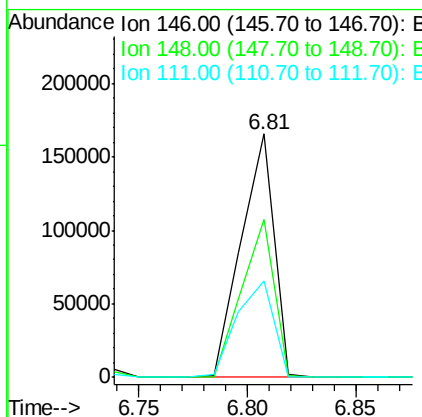
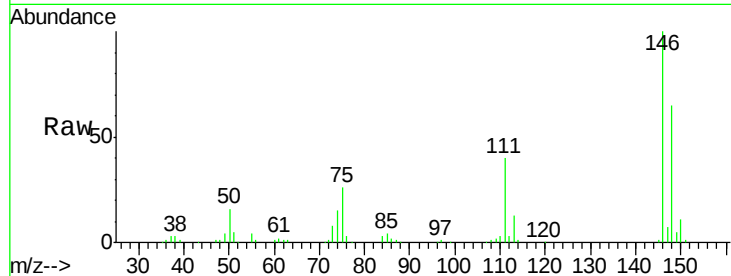
#13
 1,4-Dichlorobenzene
 Concen: 34.70 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	173729		
148	64.7	52.2	78.4	
111	39.7	31.5	47.3	

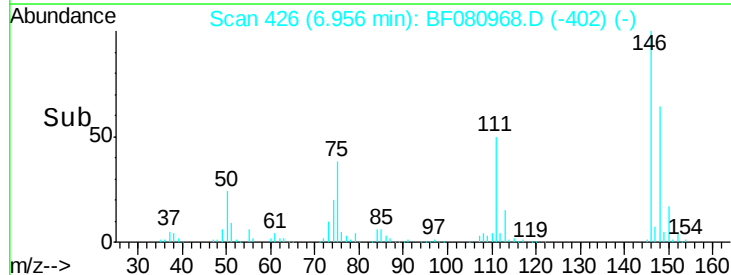
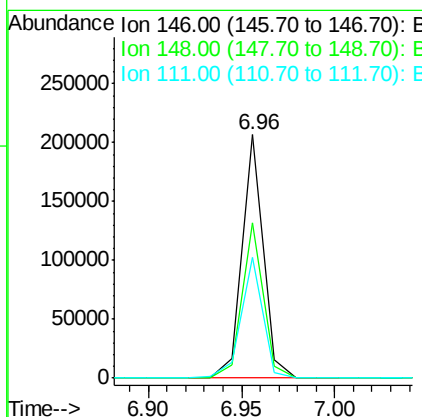
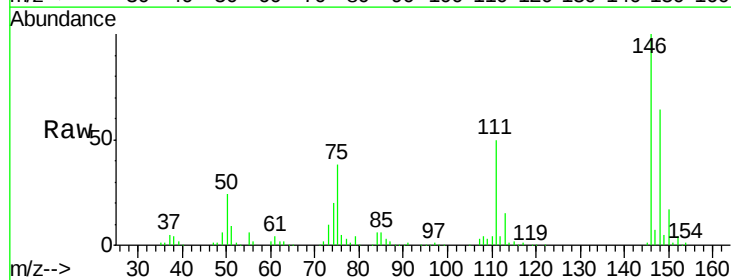
Manual Integrations
 APPROVED

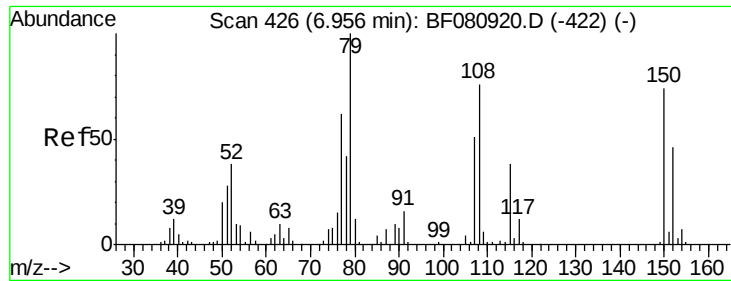
apatel
 8/12/2015 8:34:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.29 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	164281		
148	63.6	51.1	76.7	
111	49.5	40.0	60.0	





#15

Benzyl Alcohol

Concen: 35.61 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

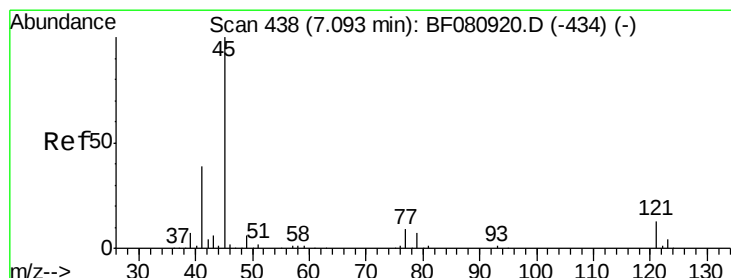
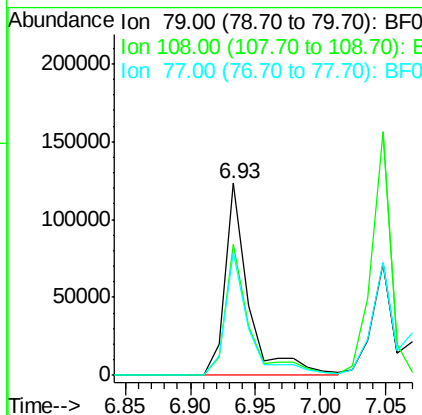
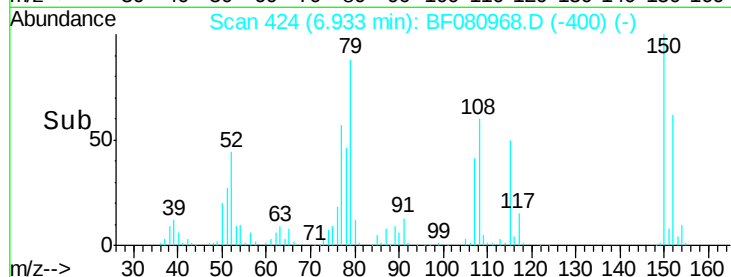
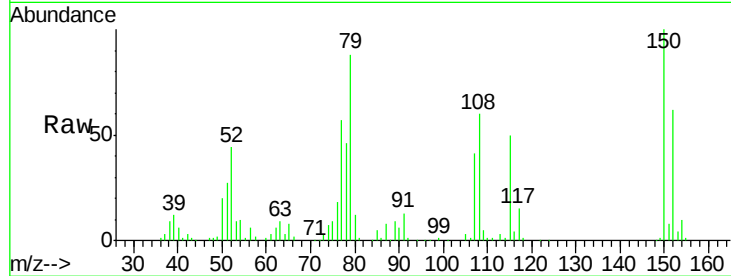
ClientSampleId :

PB84929BS

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM

Tgt Ion:	79	Resp:	156709
Ion Ratio	Lower	Upper	
79	100		
108	68.1	60.9	91.3
77	64.3	49.4	74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.90 ng

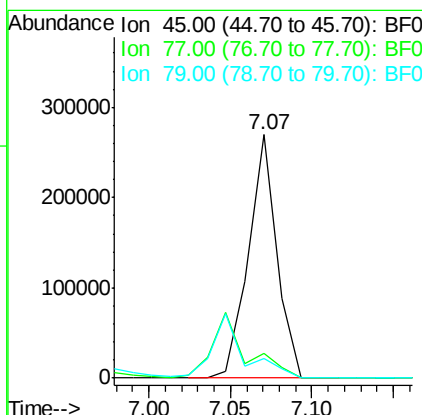
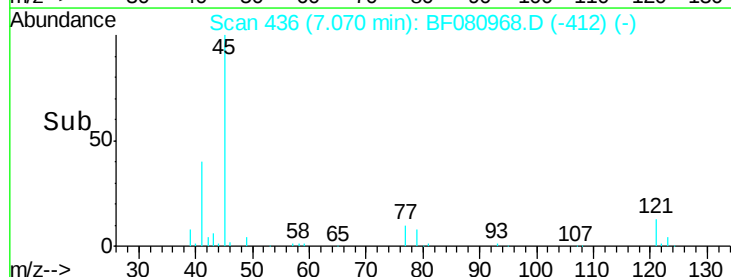
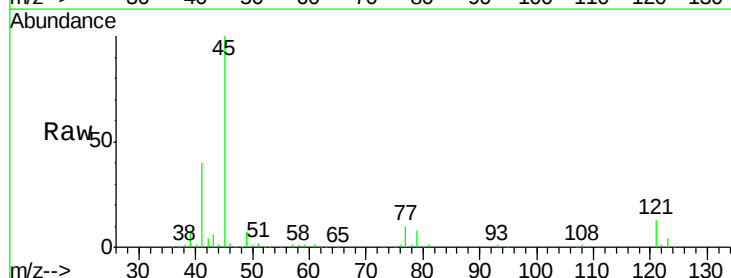
RT: 7.07 min Scan# 436

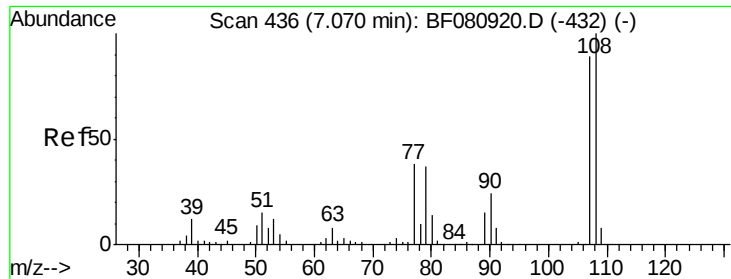
Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:	45	Resp:	324846
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	29.6
79	8.0	0.0	27.7





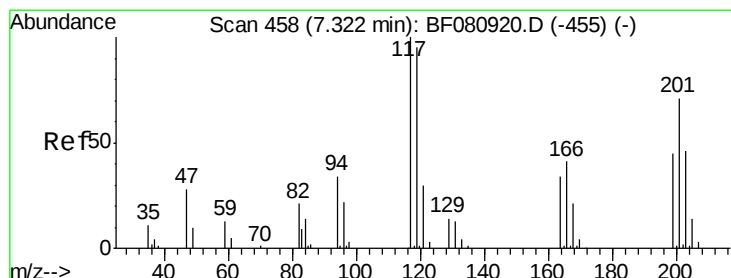
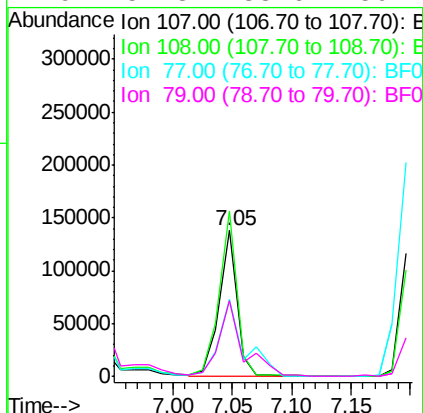
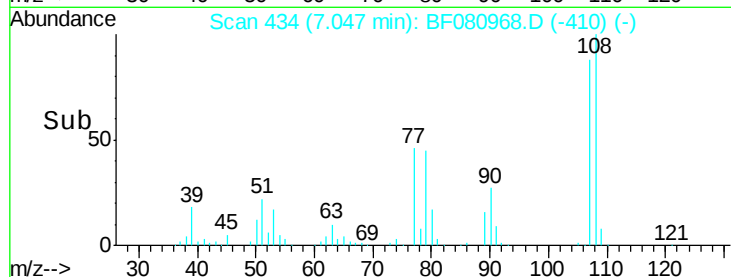
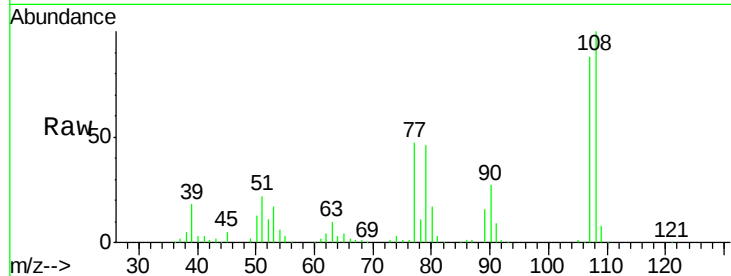
#17
2-Methylphenol
Concen: 36.95 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt	Ion	107	Resp:	143189
Ion	Ratio	Lower	Upper	
107	100			
108	113.2	90.3	135.5	
77	52.8	34.6	51.8	
79	51.8	33.6	50.4	

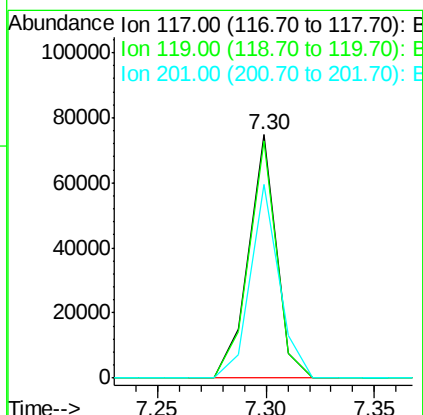
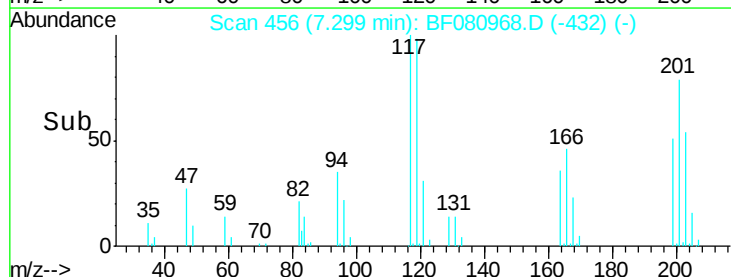
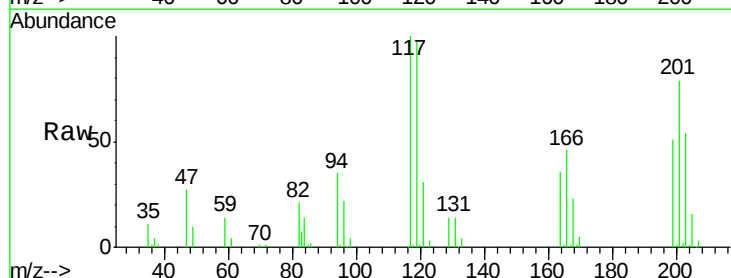
Manual Integrations
APPROVED

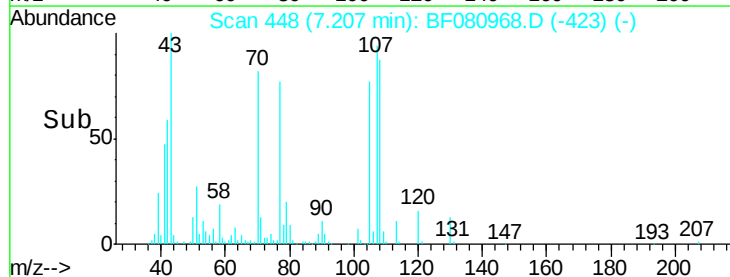
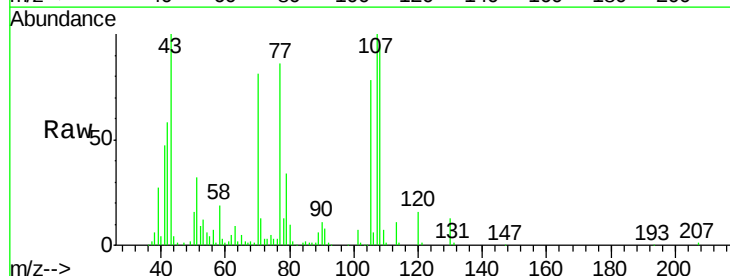
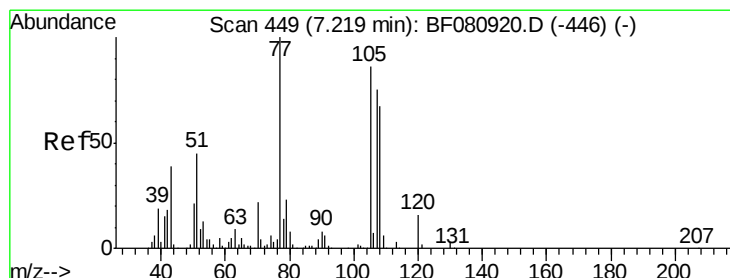
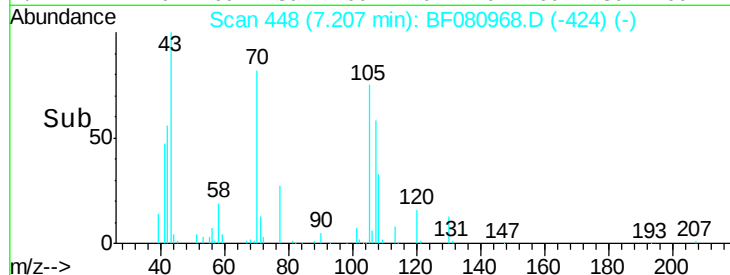
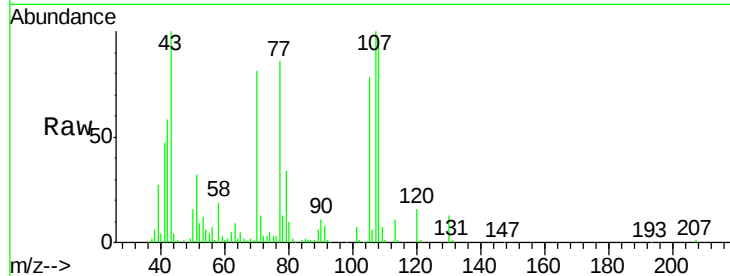
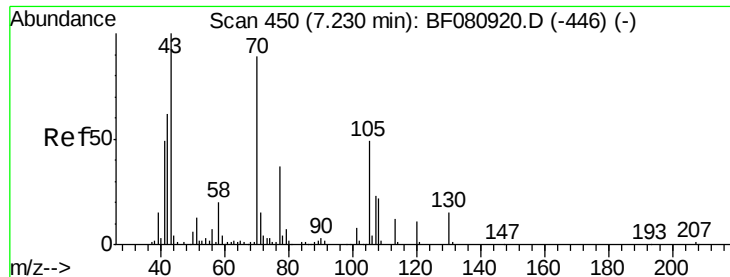
apatel
8/12/2015 8:34:01 AM



#18
Hexachloroethane
Concen: 34.86 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt	Ion	117	Resp:	66869
Ion	Ratio	Lower	Upper	
117	100			
119	97.5	76.3	114.5	
201	79.5	57.0	85.6	





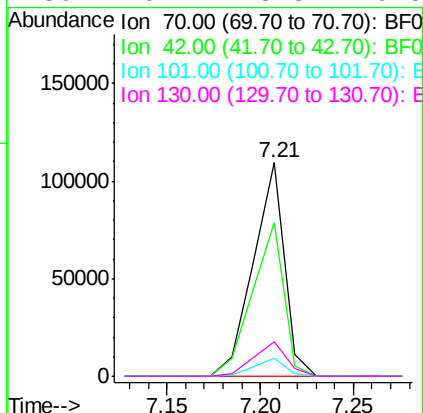
#19
n-Nitroso-di-n-propylamine
Concen: 32.50 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Manual Integrations
APPROVED

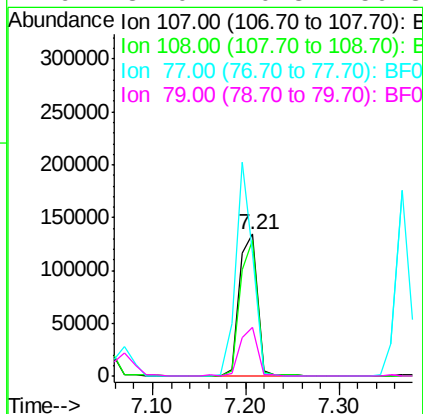
apatel
8/12/2015 8:34:01 AM

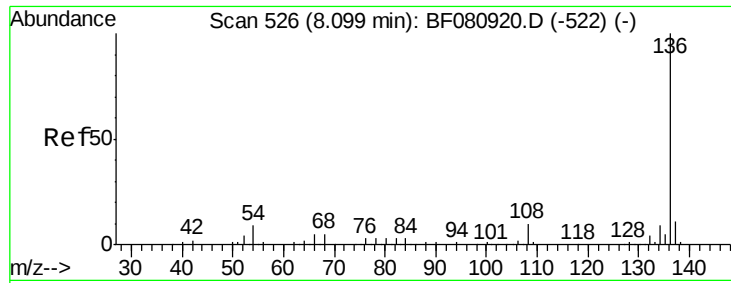
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	127723		
42	71.7	55.7	83.5	
101	8.4	7.0	10.6	
130	16.4	13.8	20.8	



#20
3+4-Methylphenols
Concen: 37.49 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	182518		
108	95.3	69.2	109.2	
77	86.4	113.0	153.0#	
79	34.0	10.3	50.3	





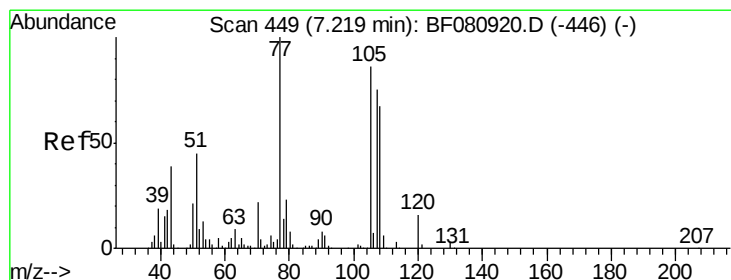
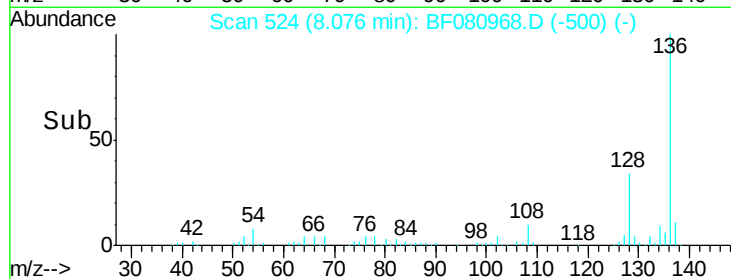
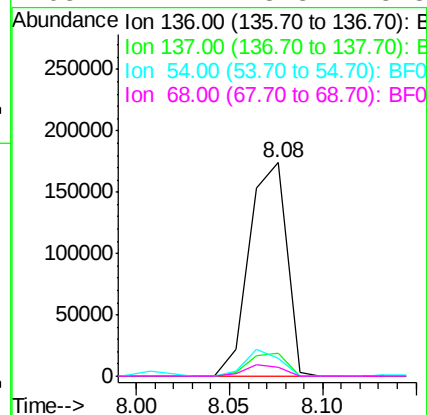
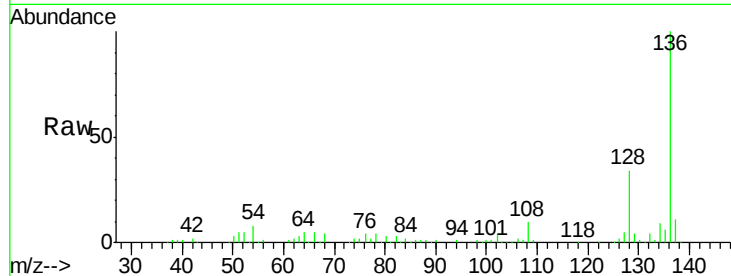
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	241131		
137	10.5	8.5	12.7	
54	8.3	7.1	10.7	
68	4.4	3.8	5.8	

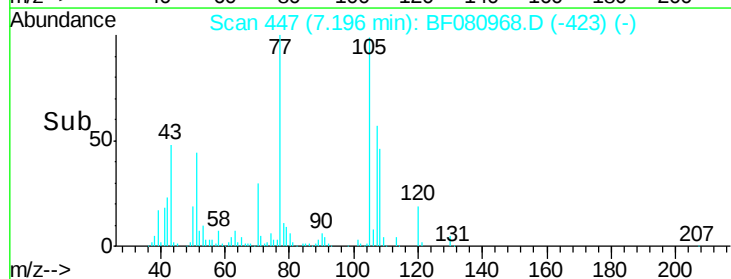
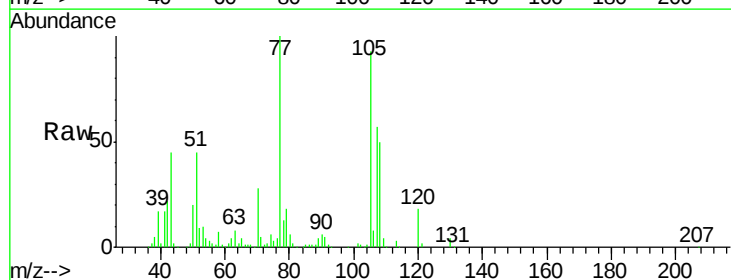
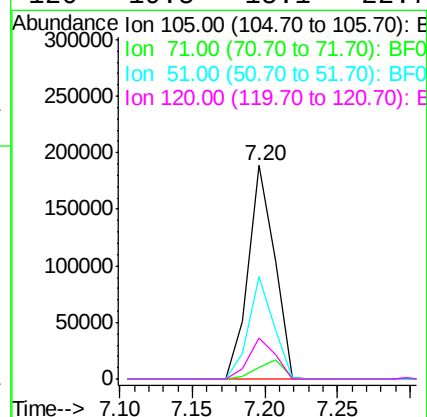
Manual Integrations
APPROVED

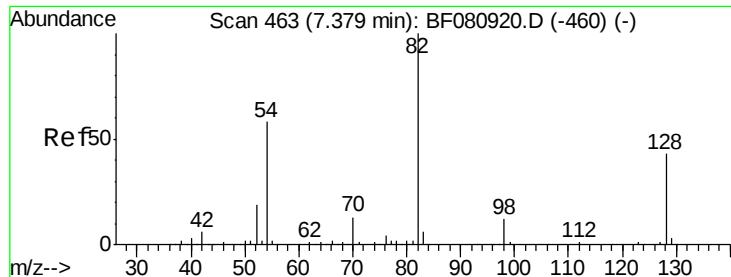
apatel
8/12/2015 8:34:01 AM



#22
Acetophenone
Concen: 40.23 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237722		
71	5.2	3.3	4.9#	
51	48.1	41.8	62.6	
120	19.5	15.1	22.7	





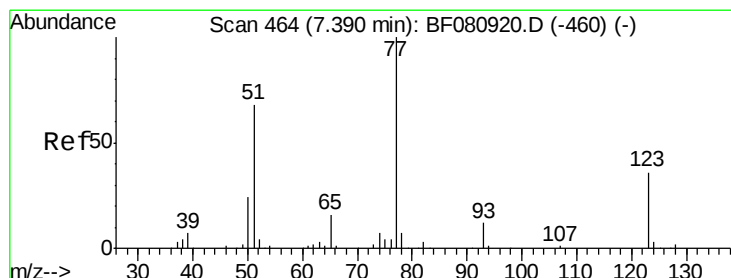
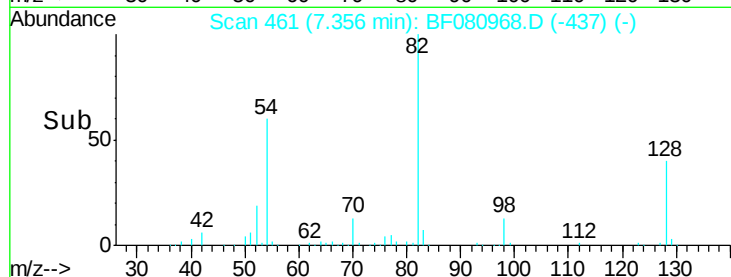
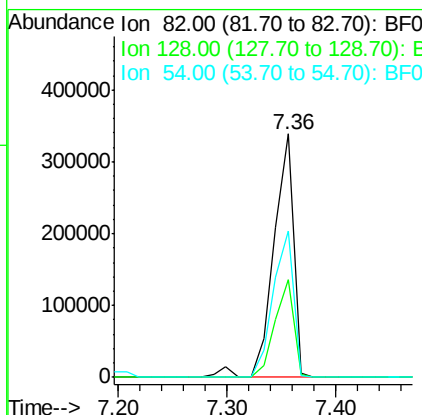
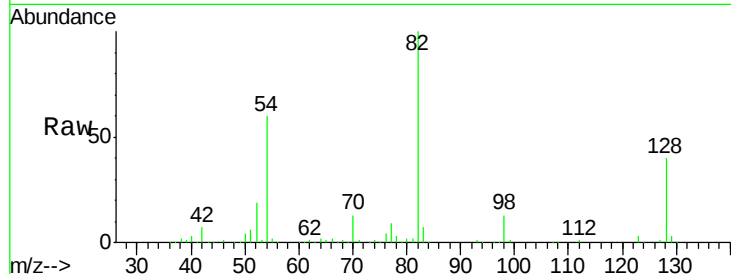
#23
Nitrobenzene-d5
Concen: 84.80 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.1	51.1
54	59.9	46.5	69.7

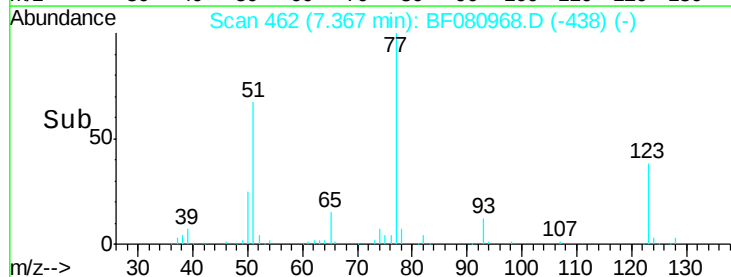
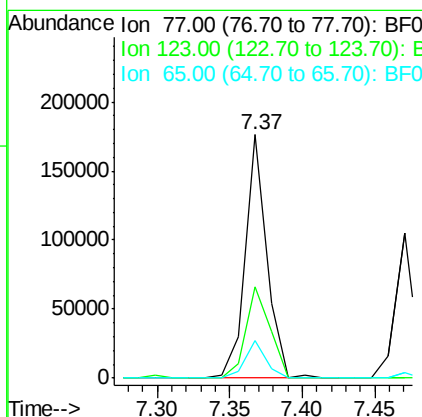
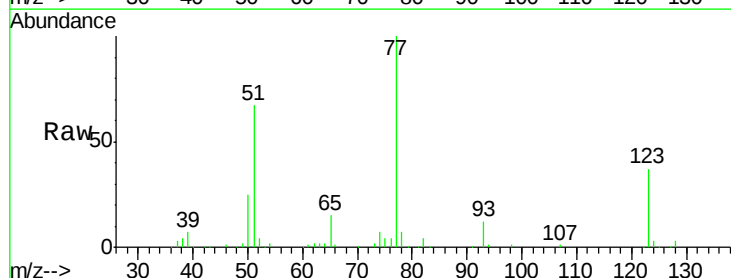
Manual Integrations
APPROVED

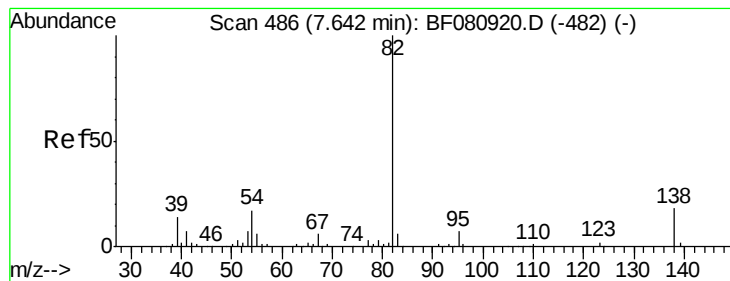
apatel
8/12/2015 8:34:01 AM



#24
Nitrobenzene
Concen: 34.65 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	28.7	43.1
65	15.3	12.5	18.7





#25

Isophorone

Concen: 36.17 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

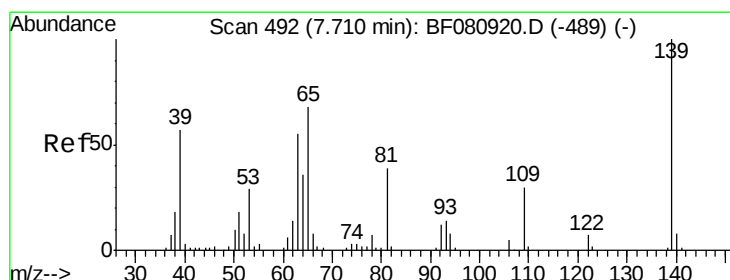
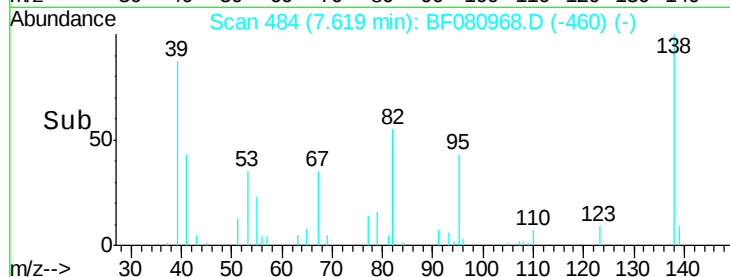
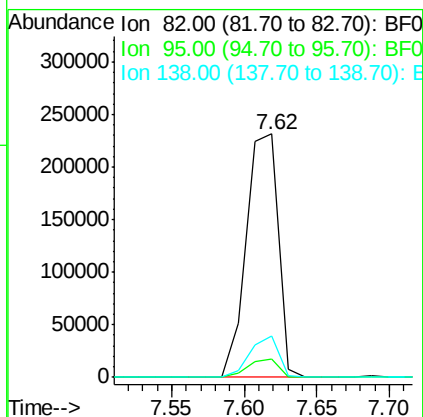
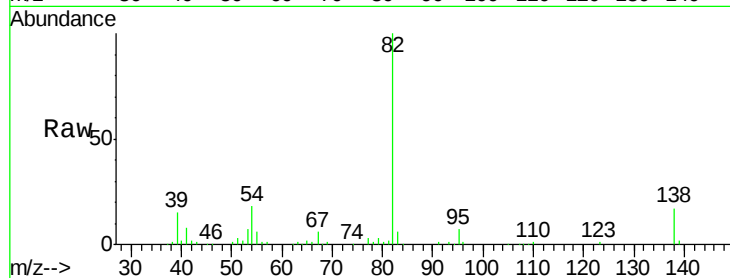
ClientSampleId :

PB84929BS

Tgt Ion:	82	Resp:	354618
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.1	14.1	21.1

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#26

2-Nitrophenol

Concen: 37.52 ng

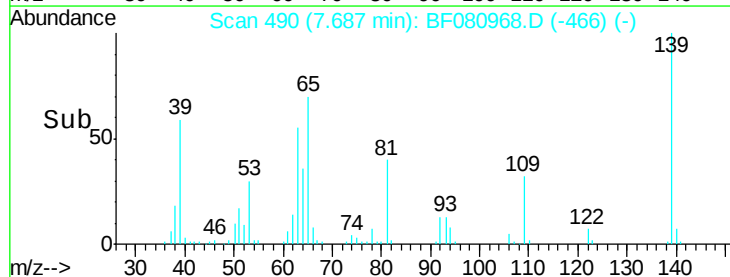
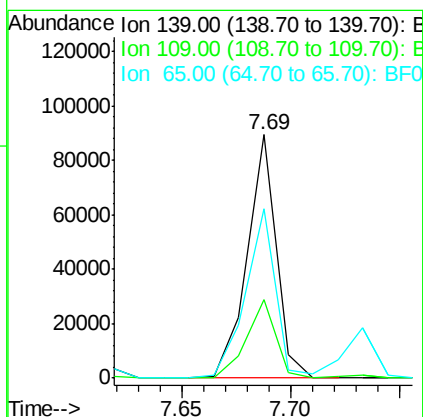
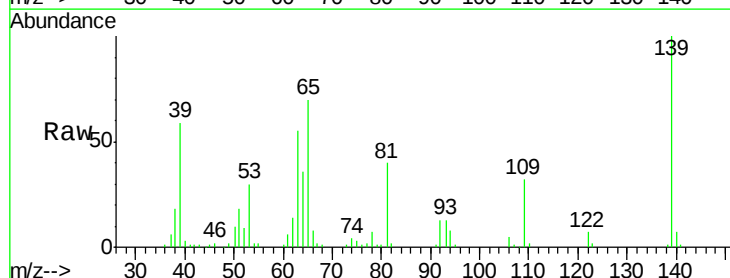
RT: 7.69 min Scan# 490

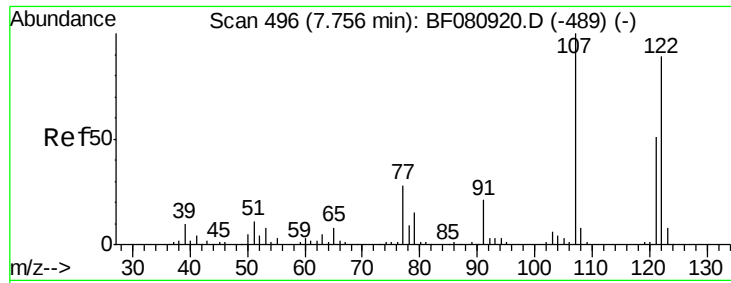
Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:	139	Resp:	82875
Ion Ratio		Lower	Upper
139	100		
109	32.5	24.1	36.1
65	69.7	54.0	81.0





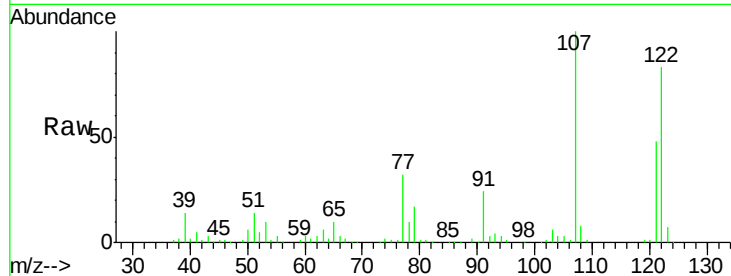
#27
 2,4-Dimethylphenol
 Concen: 40.49 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	167399		
107	119.9	90.2	135.4	
121	57.6	46.0	69.0	

Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM

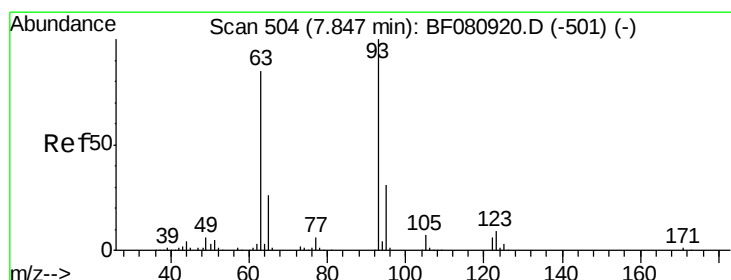
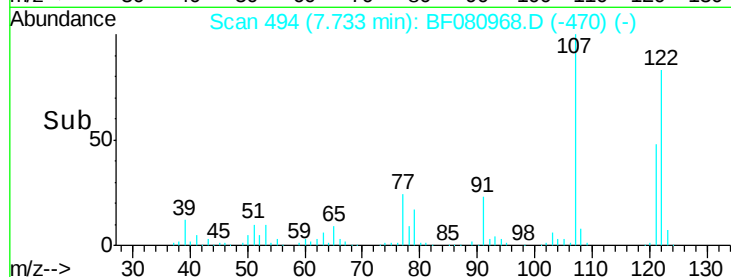
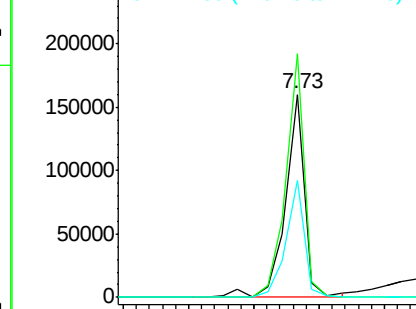


Abundance

Ion 122.00 (121.70 to 122.70): E

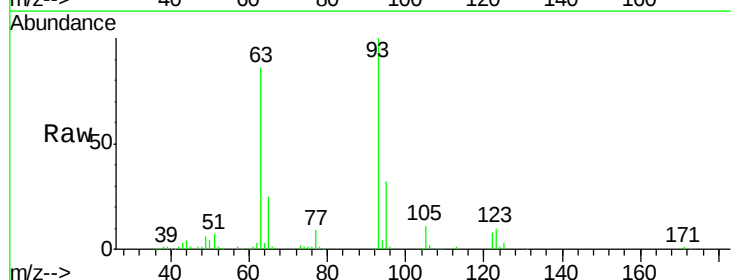
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.08 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200594		
95	32.4	25.0	37.4	
123	9.7	7.4	11.0	

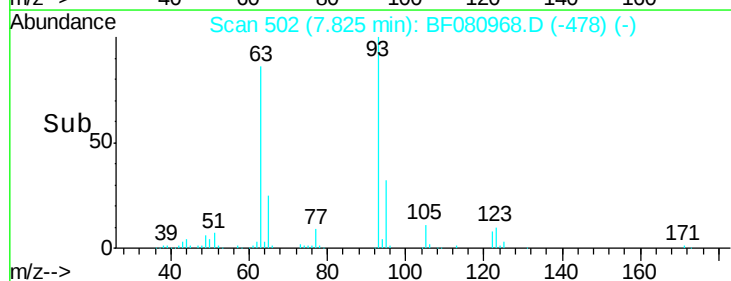
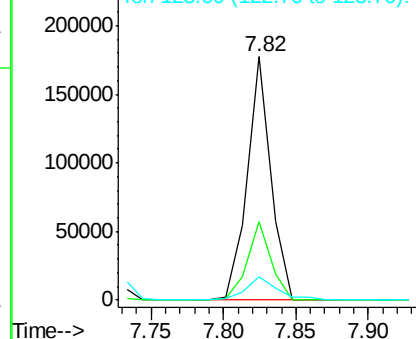


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





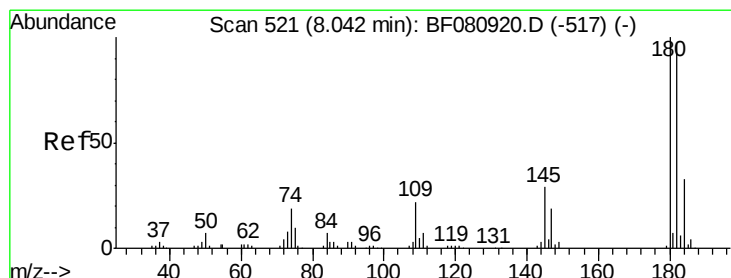
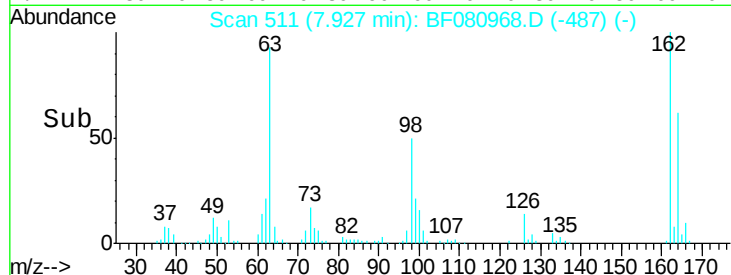
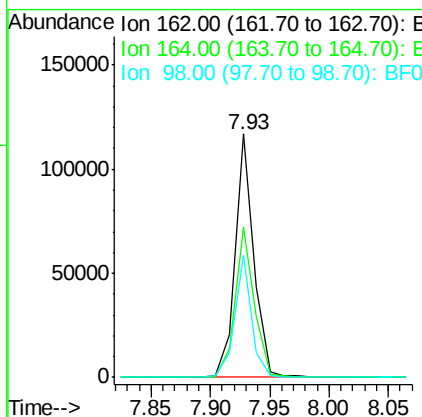
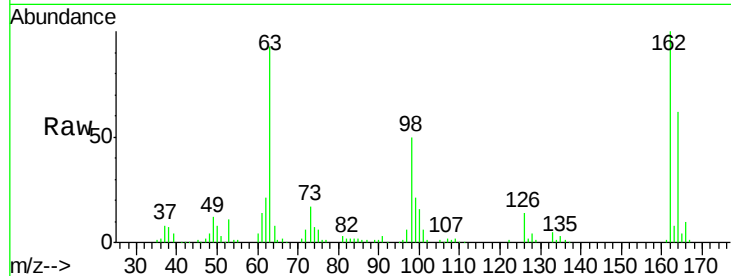
#29
 2,4-Dichlorophenol
 Concen: 37.56 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.7	42.3	82.3
98	50.0	27.7	67.7

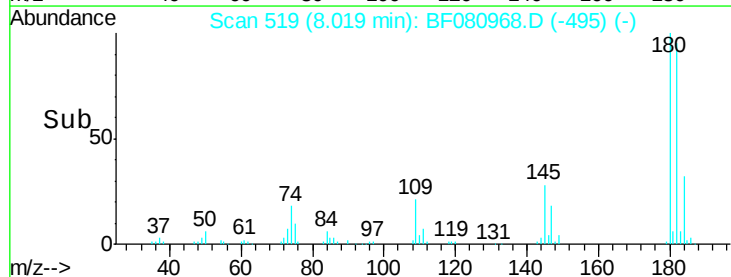
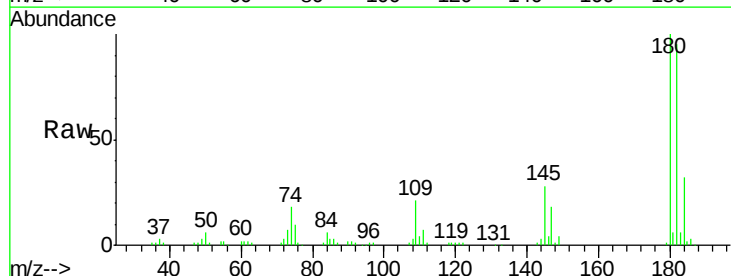
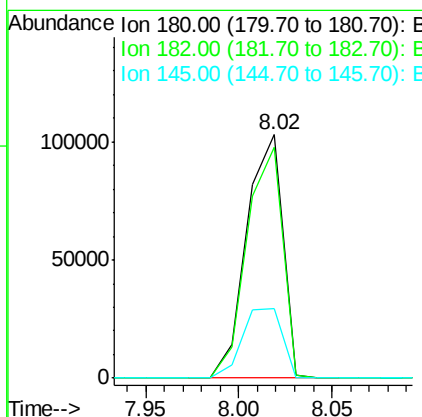
Manual Integrations
 APPROVED

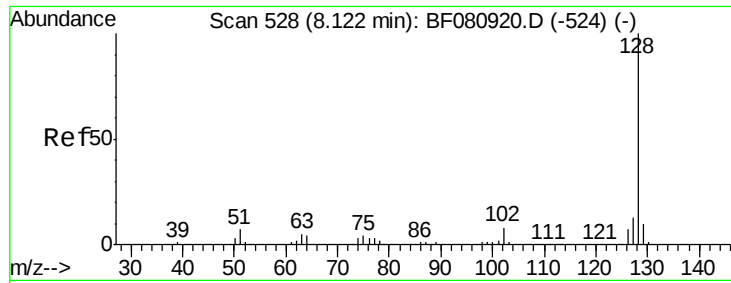
apatel
 8/12/2015 8:34:01 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.06 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	77.4	116.0
145	28.3	23.2	34.8





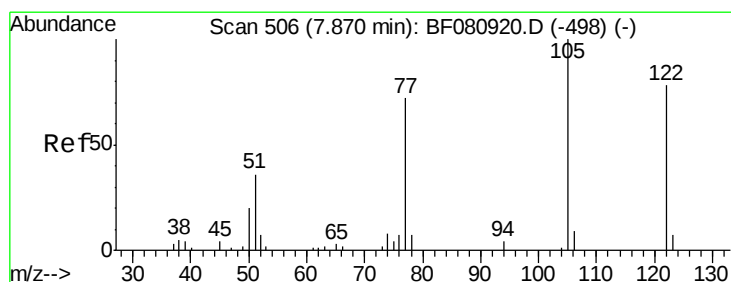
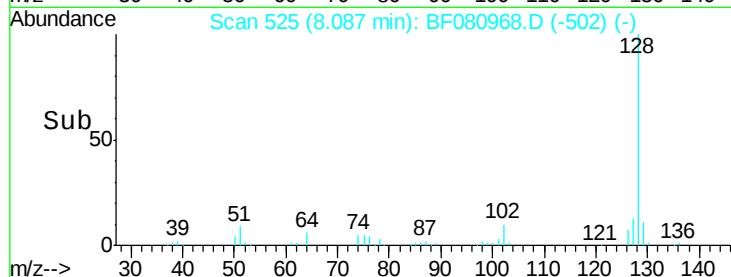
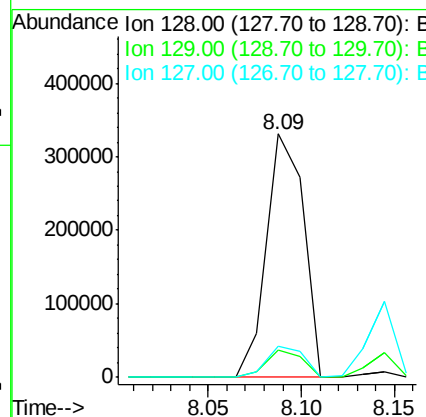
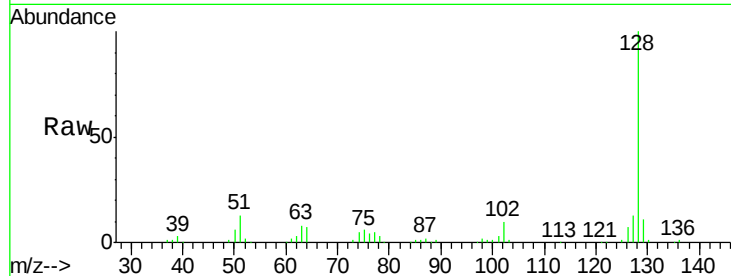
#31
Naphthalene
Concen: 34.32 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	456213		
129	11.5	8.4	12.6	
127	12.9	10.5	15.7	

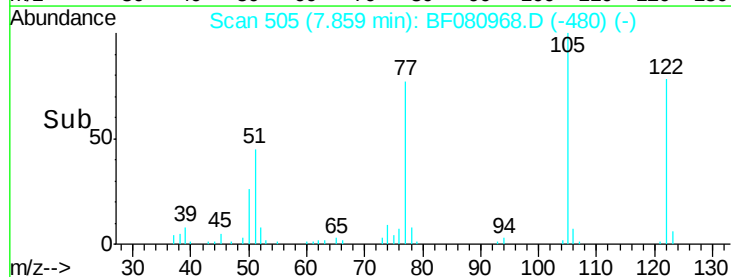
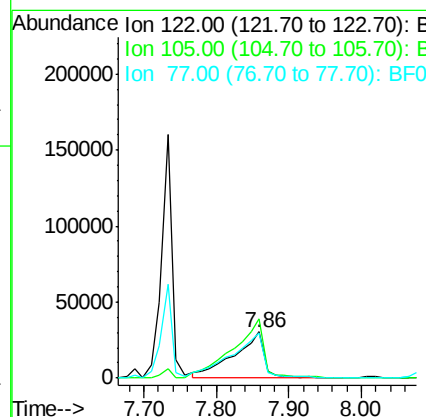
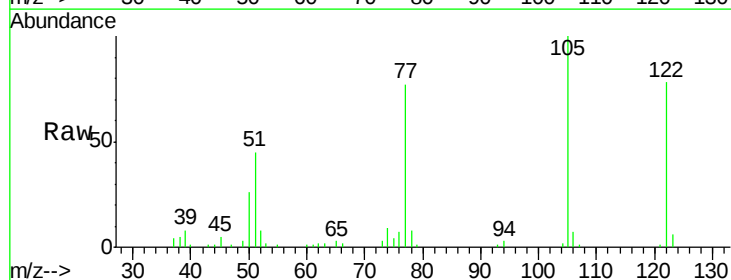
Manual Integrations
APPROVED

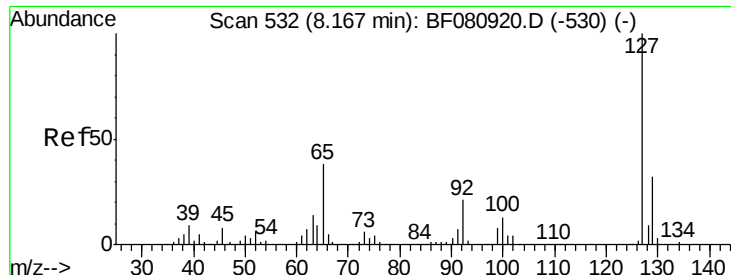
apatel
8/12/2015 8:34:01 AM



#32
Benzoic acid
Concen: 35.60 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	88113		
105	128.6	103.6	143.6	
77	99.0	70.4	110.4	





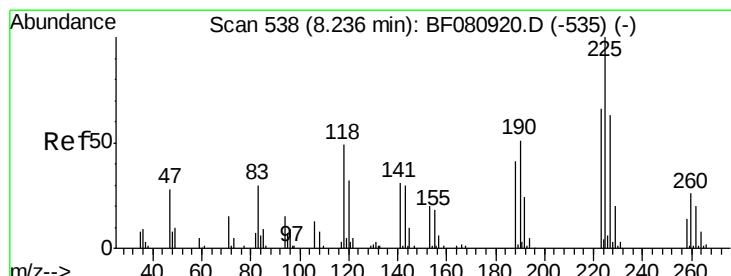
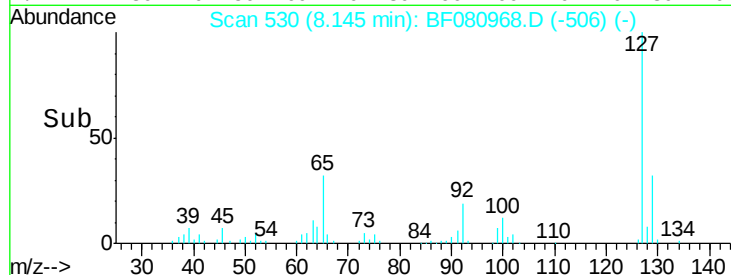
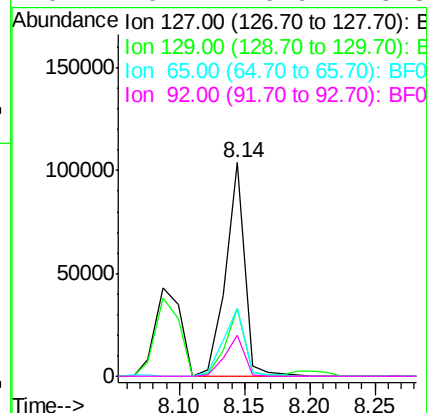
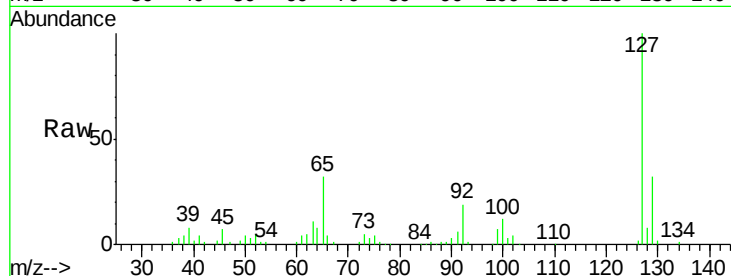
#33
4-Chloroaniline
Concen: 19.69 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.0	25.9	38.9
65	31.9	30.6	45.8
92	19.1	16.9	25.3

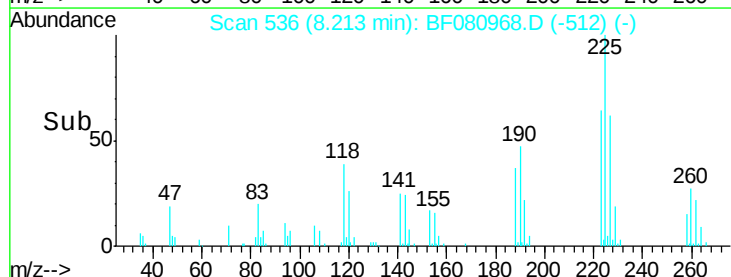
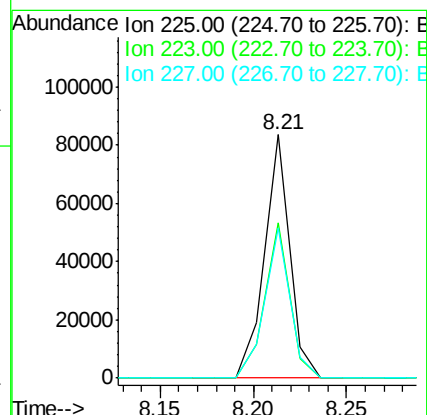
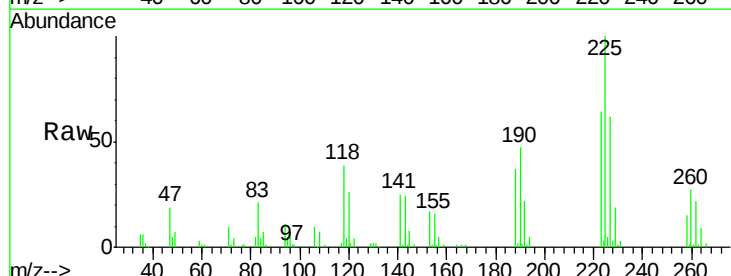
Manual Integrations
APPROVED

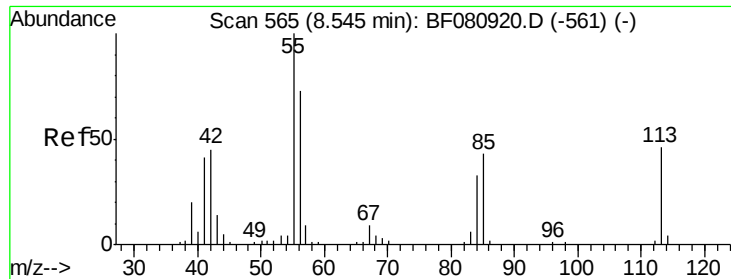
apatel
8/12/2015 8:34:01 AM



#34
Hexachlorobutadiene
Concen: 35.25 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.9	52.5	78.7
227	61.5	50.3	75.5





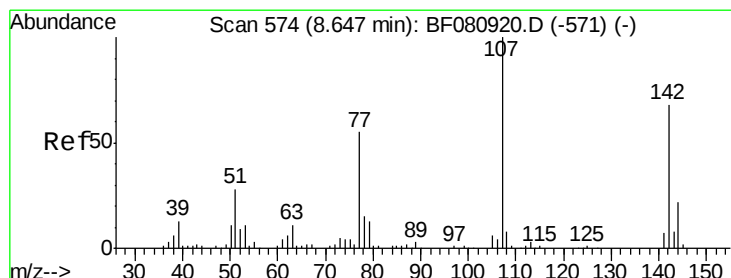
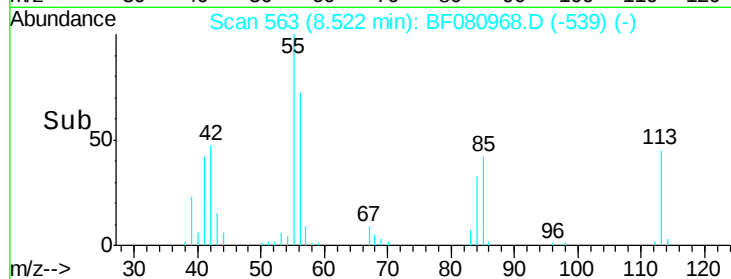
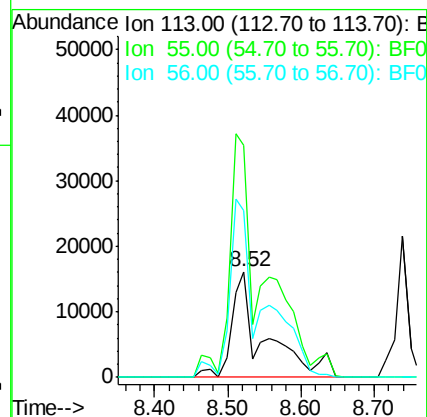
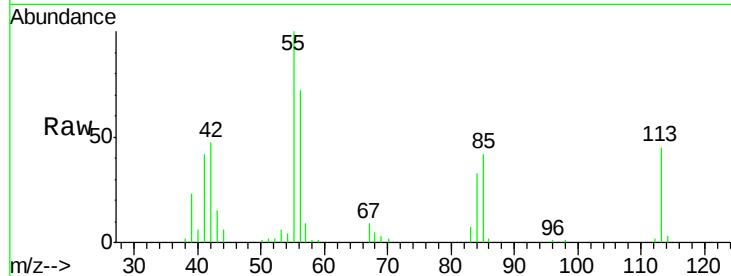
#35
 Caprolactam
 Concen: 40.07 ng m
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	220.1	196.4	236.4
56	158.2	137.9	177.9

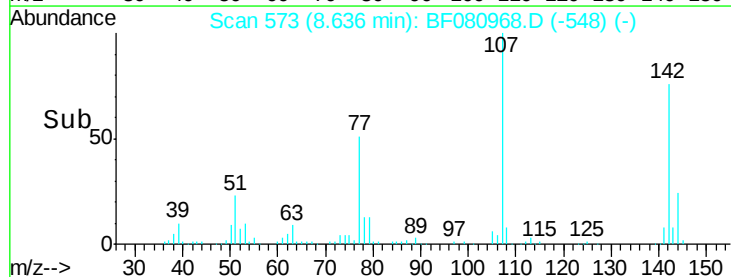
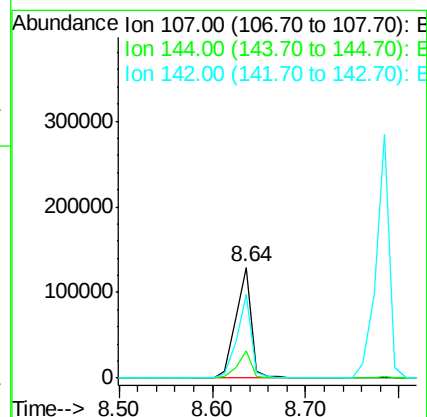
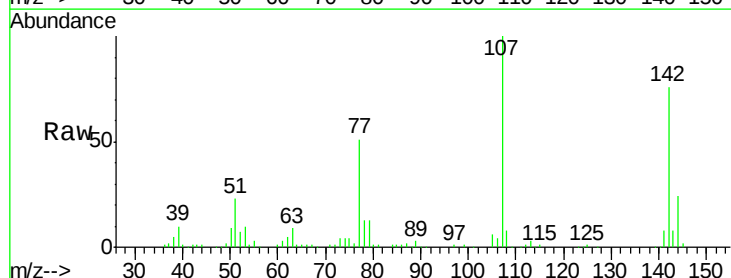
Manual Integrations
 APPROVED

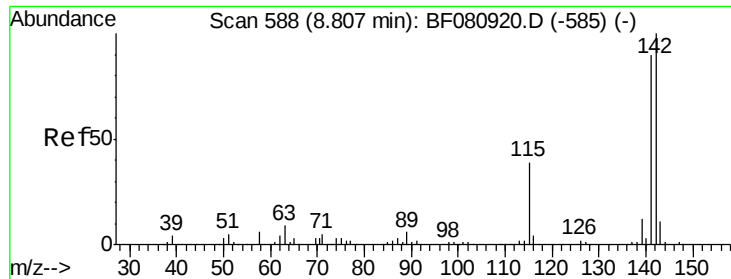
apatel
 8/12/2015 8:34:01 AM



#36
 4-Chloro-3-methylphenol
 Concen: 37.02 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	17.3	25.9
142	75.9	54.4	81.6





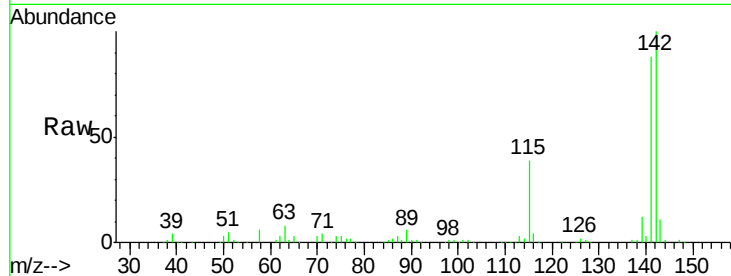
#37
 2-Methylnaphthalene
 Concen: 33.38 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

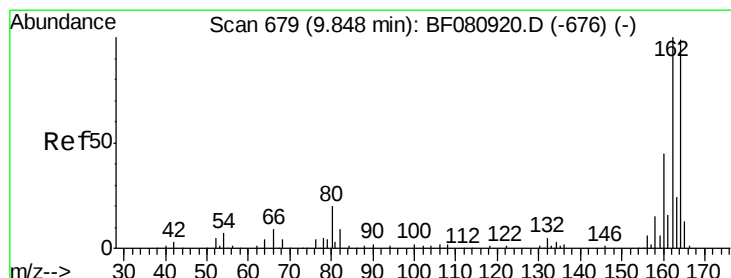
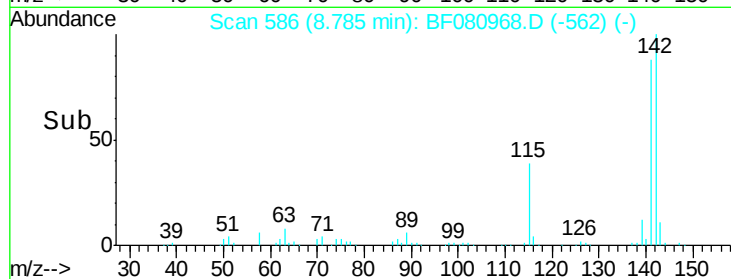
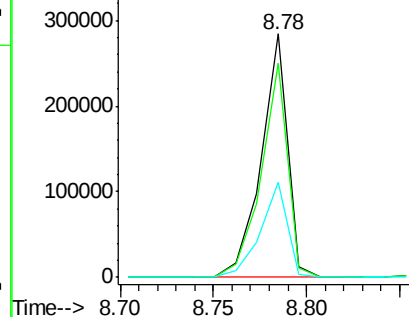
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	282432		
141	88.2	71.7	107.5	
115	39.0	30.9	46.3	

Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM

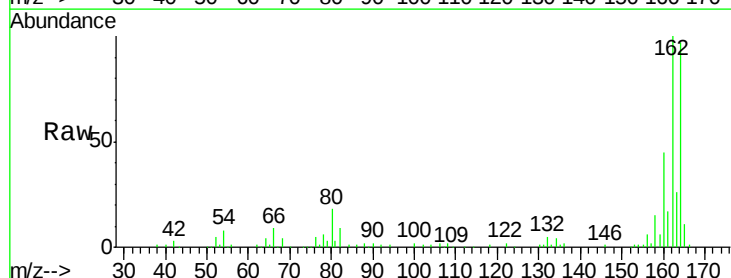


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

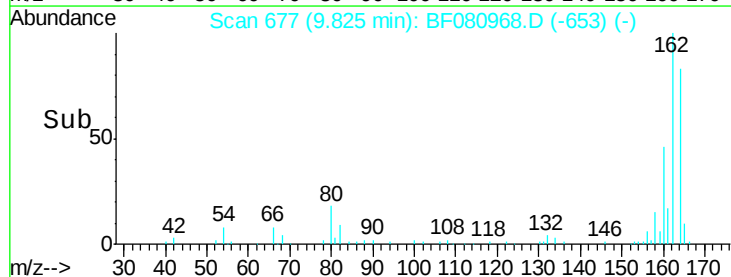
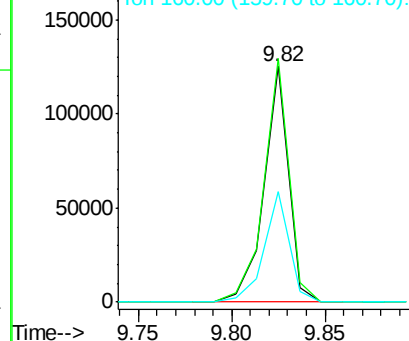


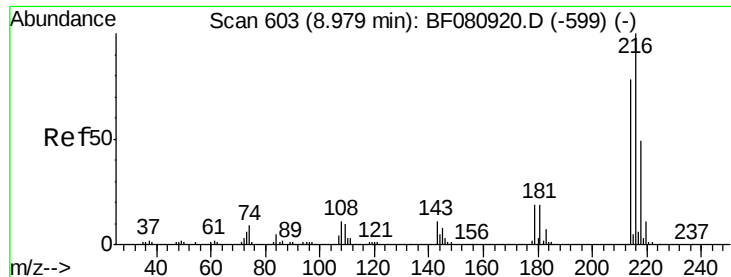
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113084		
162	103.3	80.5	120.7	
160	46.7	36.6	54.8	



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.15 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

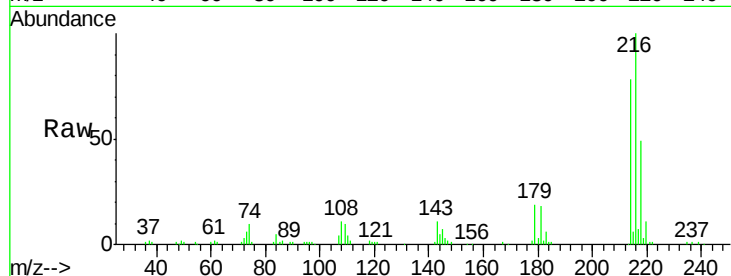
ClientSampleID :

PB84929BS

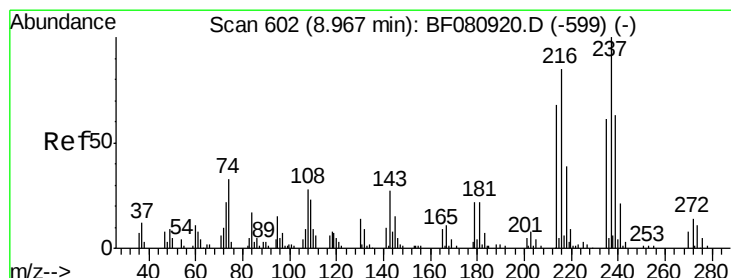
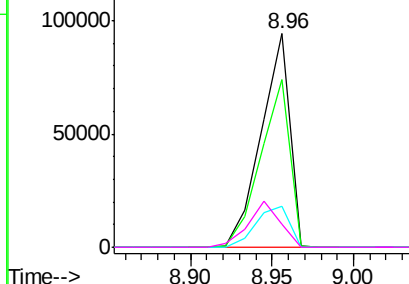
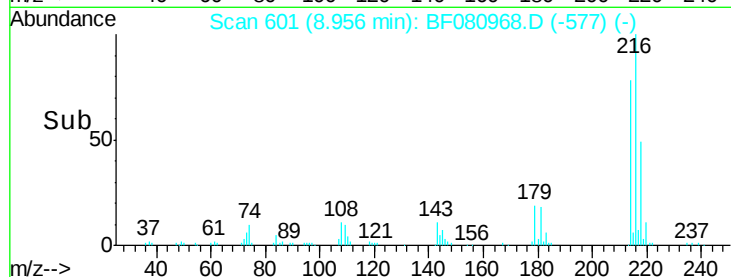
Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	115580		
214	79.8	63.0	94.4	
179	22.0	17.2	25.8	
108	23.5	16.1	24.1	



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.23 ng

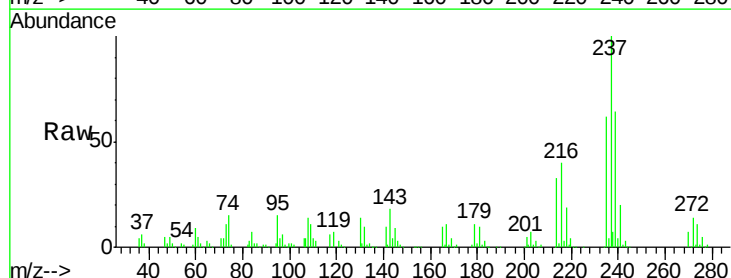
RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

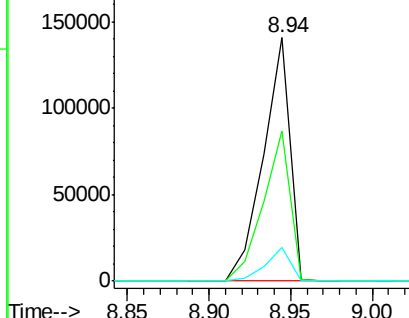
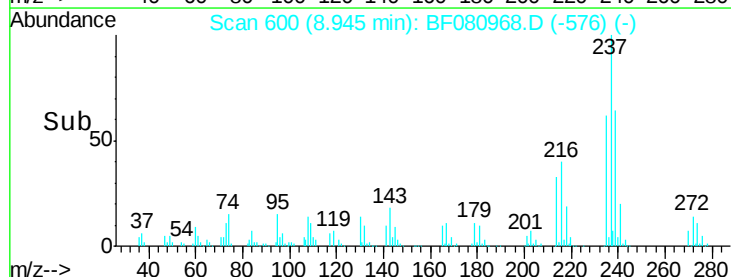
Lab File: BF080968.D

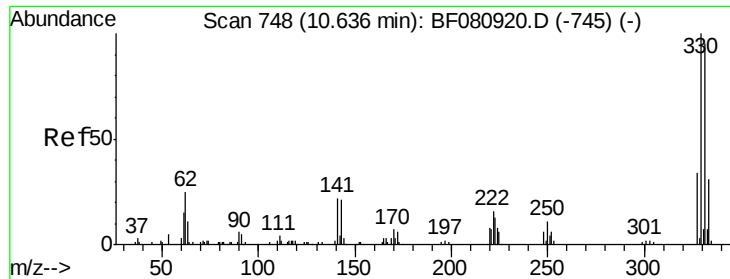
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	160225		
235	61.8	41.3	81.3	
272	13.8	0.0	33.6	



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





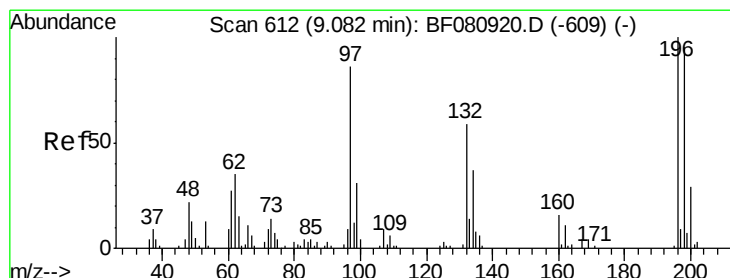
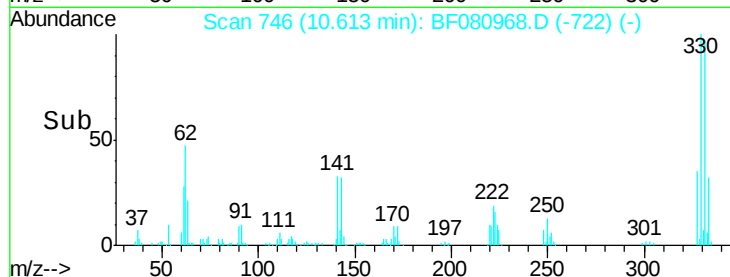
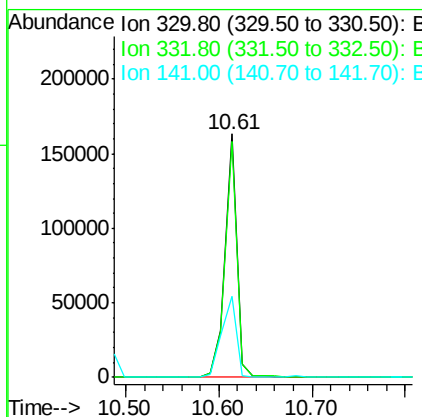
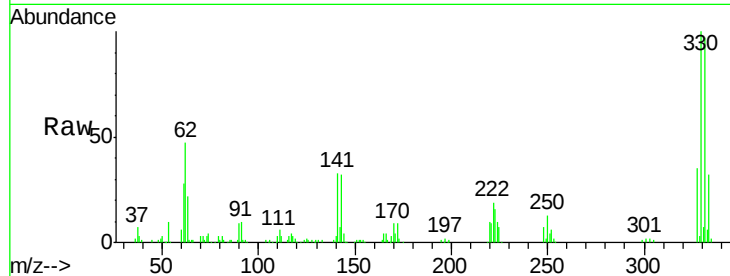
#41
 2,4,6-Tribromophenol
 Concen: 117.14 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	145531		
332	97.6	76.2	114.4	
141	41.2	27.8	41.8	

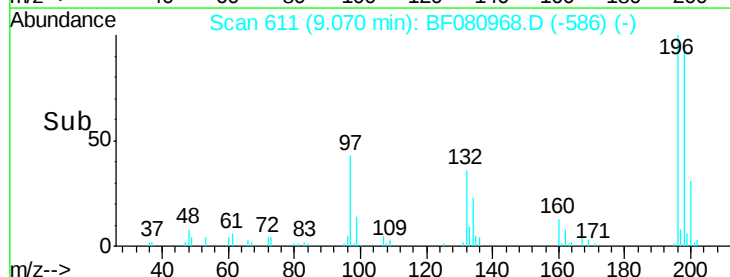
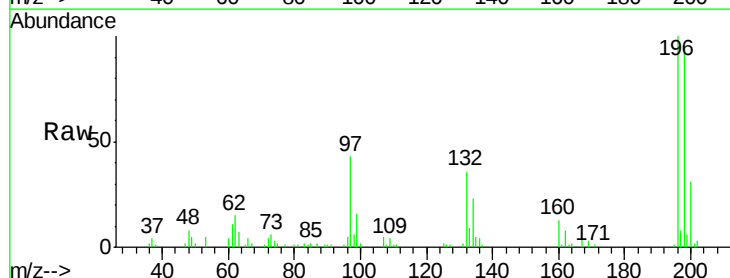
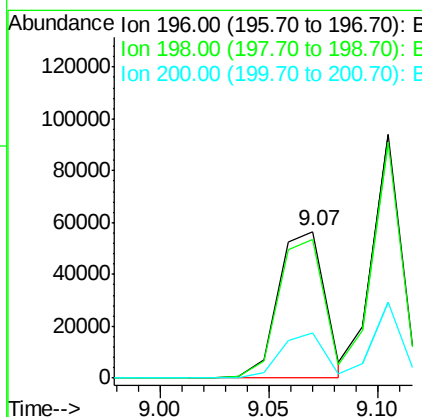
Manual Integrations
 APPROVED

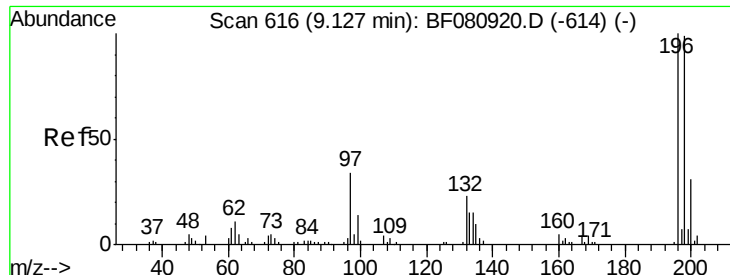
apatel
 8/12/2015 8:34:01 AM



#42
 2,4,6-Trichlorophenol
 Concen: 33.00 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84307		
198	94.7	75.9	113.9	
200	31.1	23.1	34.7	





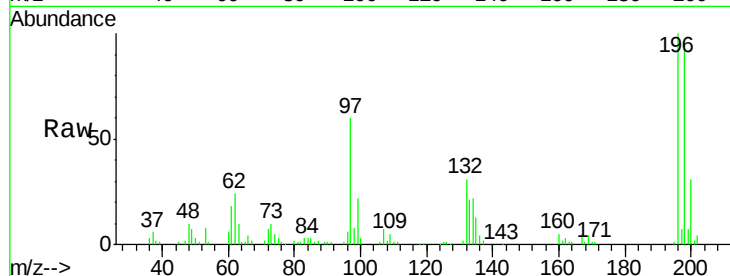
#43
 2,4,5-Trichlorophenol
 Concen: 35.84 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleID :
 PB84929BS

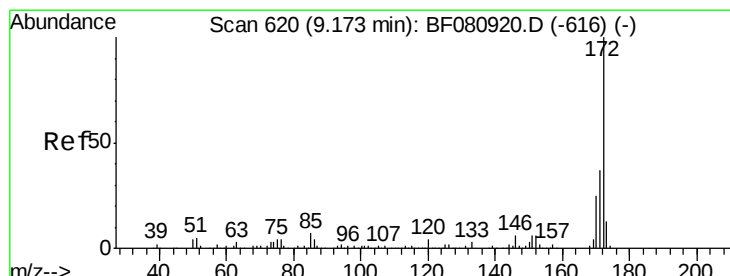
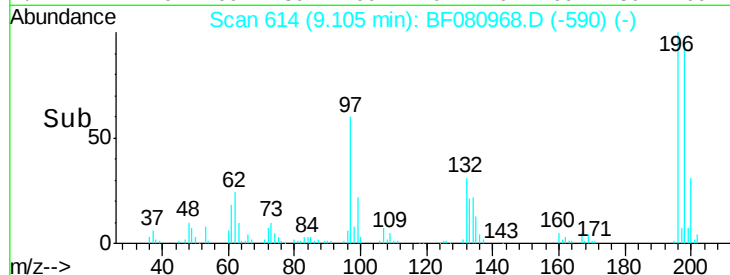
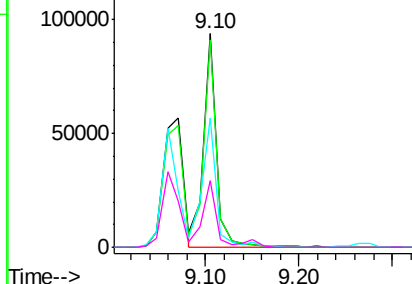
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92277		
198	97.2	78.9	118.3	
97	60.5	29.1	43.7#	
132	31.4	19.1	28.7#	

Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM



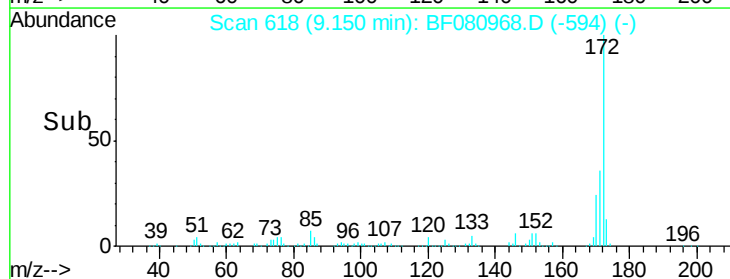
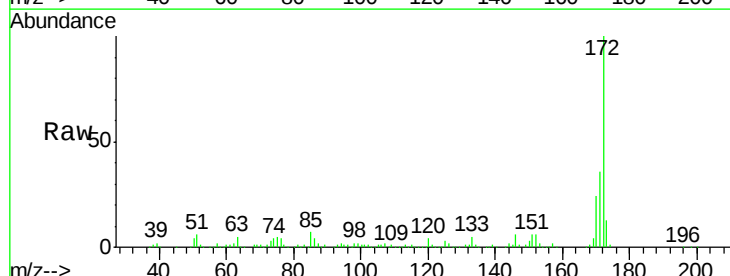
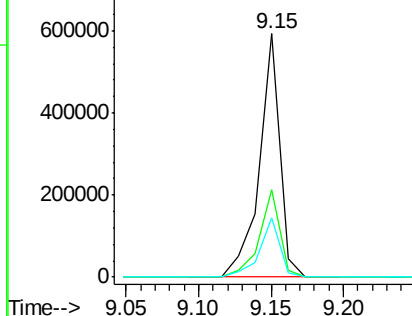
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

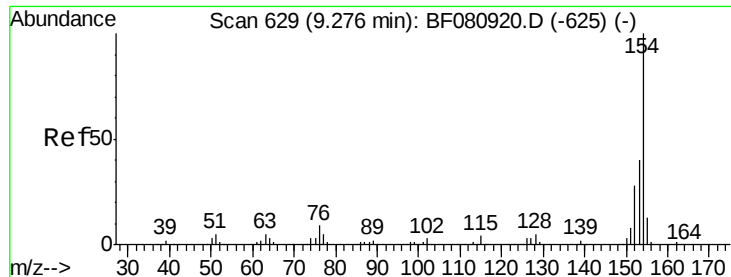


#44
 2-Fluorobiphenyl
 Concen: 72.16 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	579625		
171	35.8	29.4	44.0	
170	24.2	19.7	29.5	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





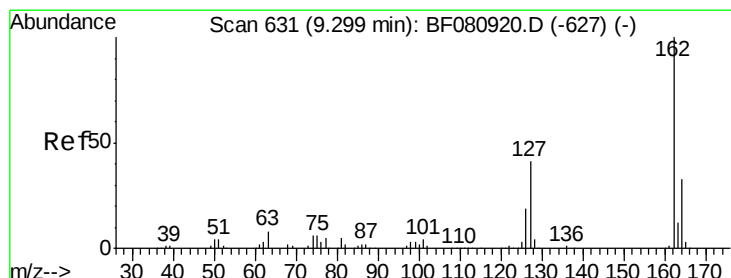
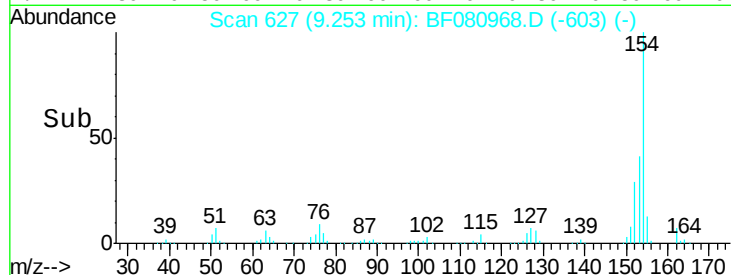
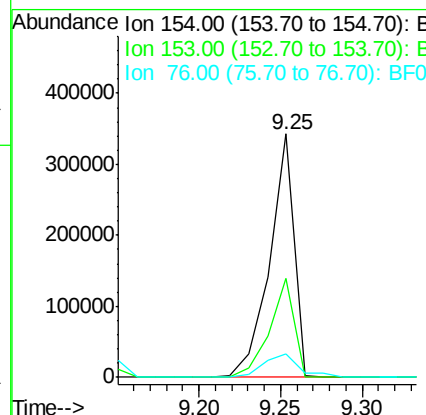
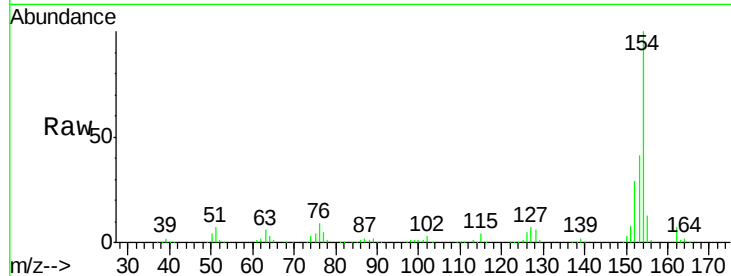
#45
 1,1'-Biphenyl
 Concen: 36.91 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.7	20.1	60.1
76	9.4	0.0	29.3

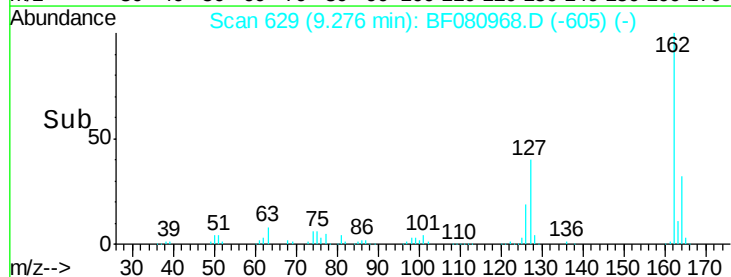
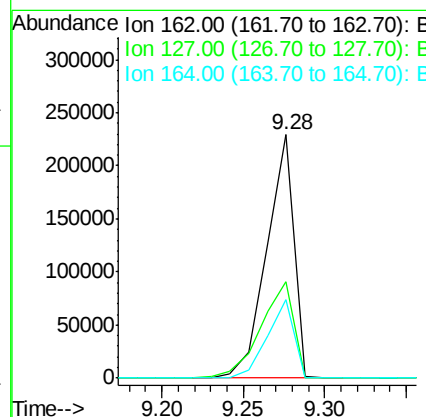
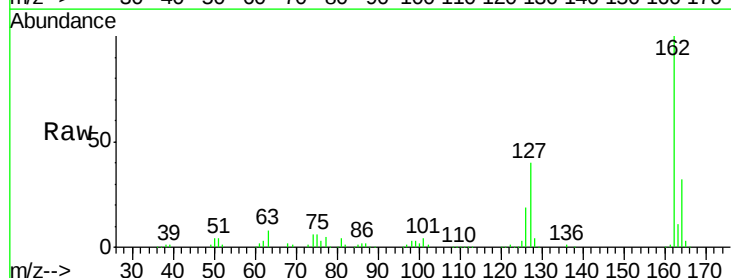
Manual Integrations
 APPROVED

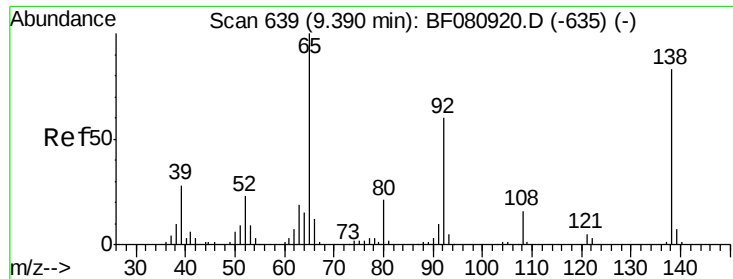
apatel
 8/12/2015 8:34:01 AM



#46
 2-Chloronaphthalene
 Concen: 35.21 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.7	32.5	48.7
164	32.3	26.2	39.4





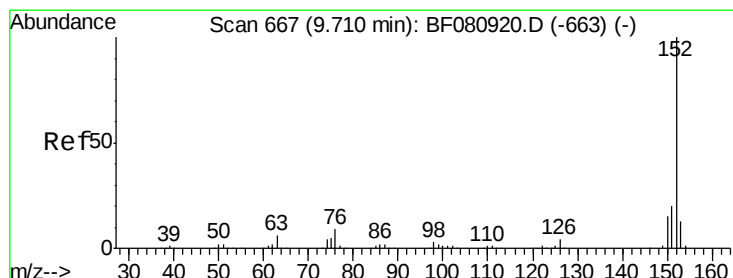
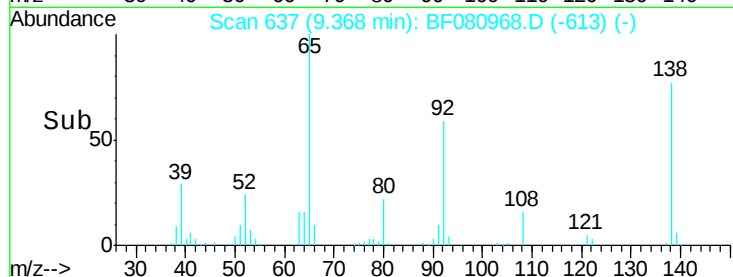
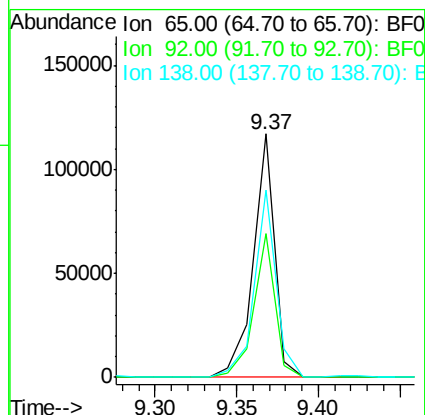
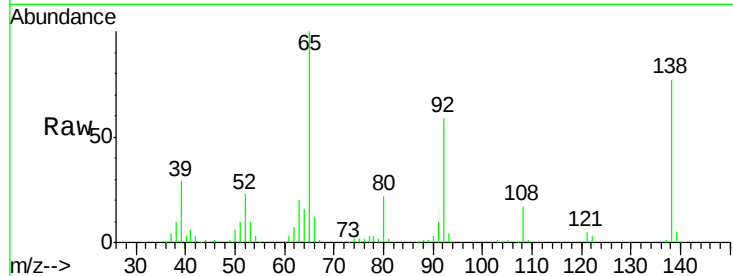
#47
2-Nitroaniline
Concen: 35.00 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	106186		
92	59.1	48.0	72.0	
138	77.0	66.1	99.1	

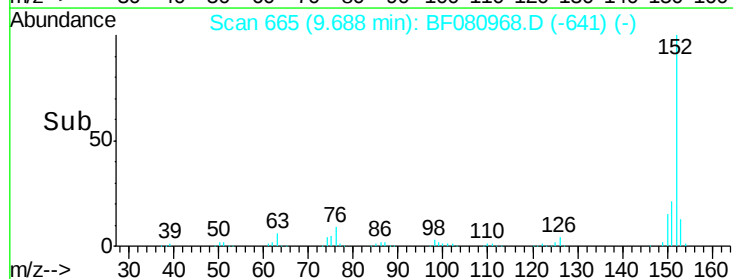
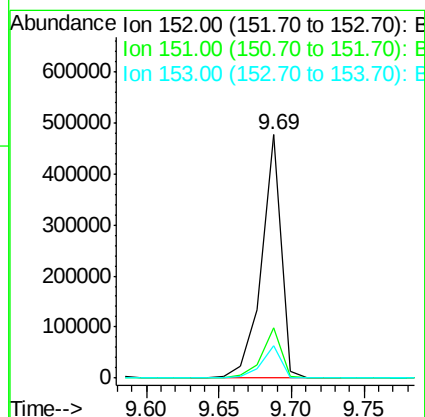
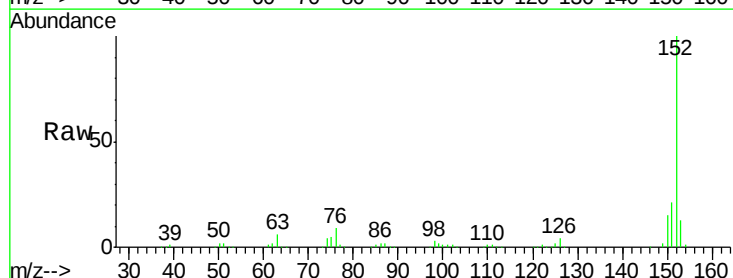
Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#48
Acenaphthylene
Concen: 34.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	447248		
151	20.6	16.3	24.5	
153	13.1	10.5	15.7	





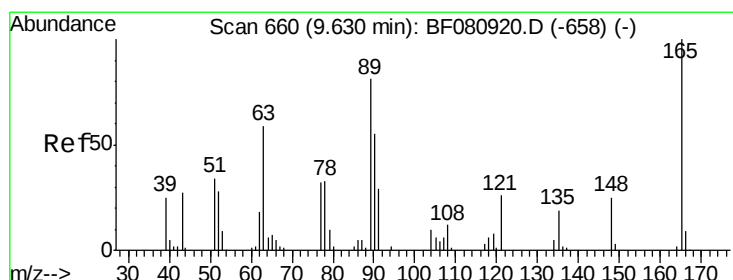
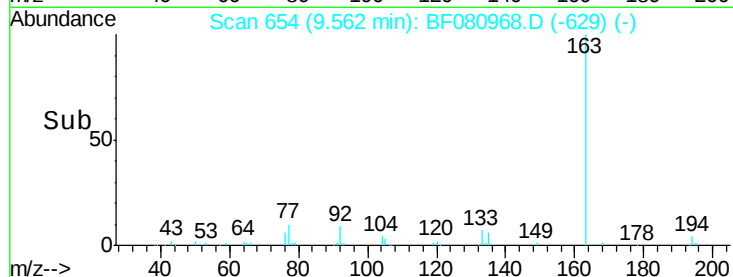
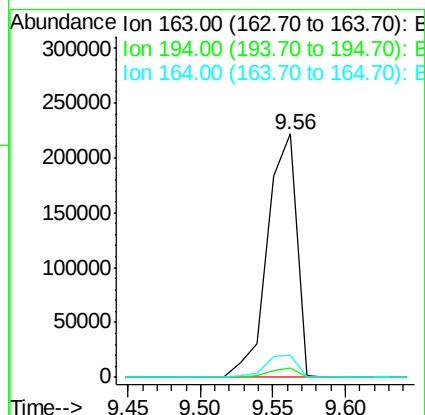
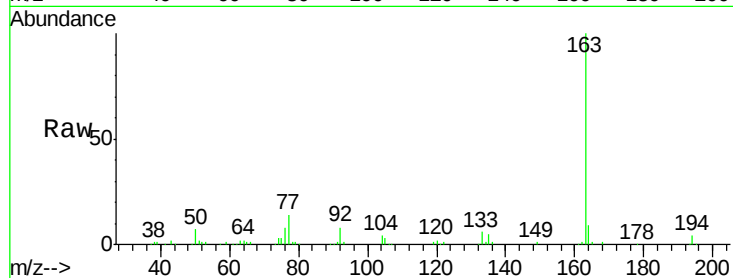
#49
Dimethylphthalate
Concen: 33.01 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.4	3.6#
164	9.4	8.2	12.4

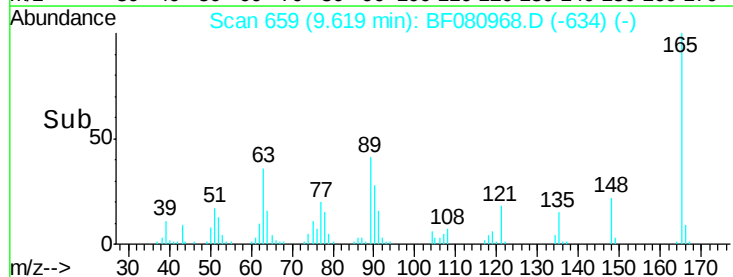
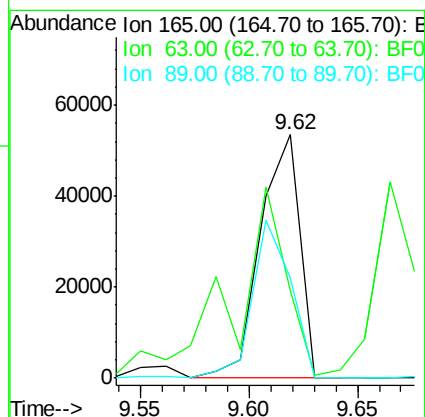
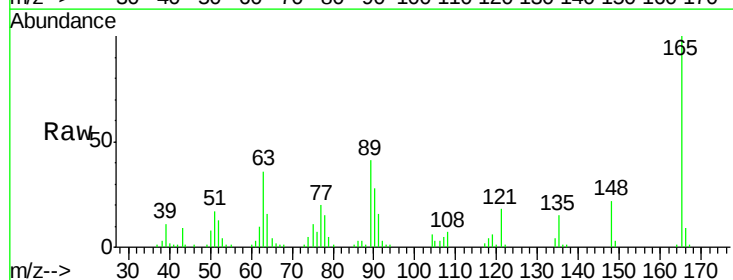
Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#50
2,6-Dinitrotoluene
Concen: 35.01 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.2	77.6	116.4#
89	41.2	64.5	96.7#





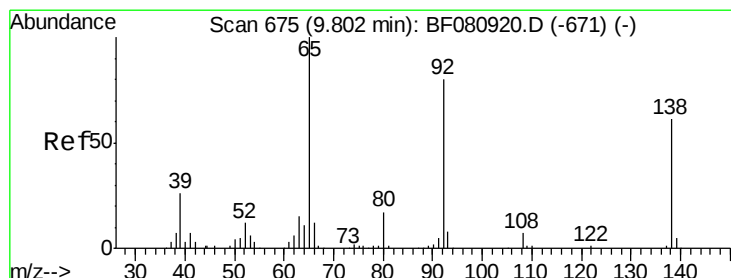
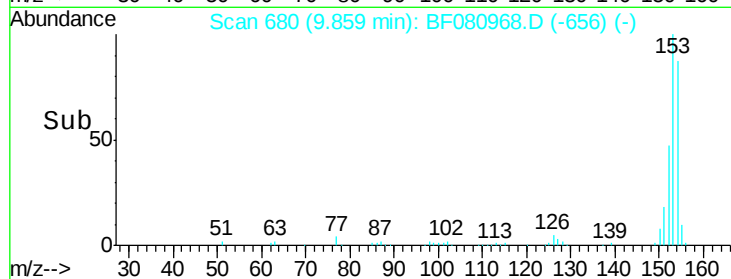
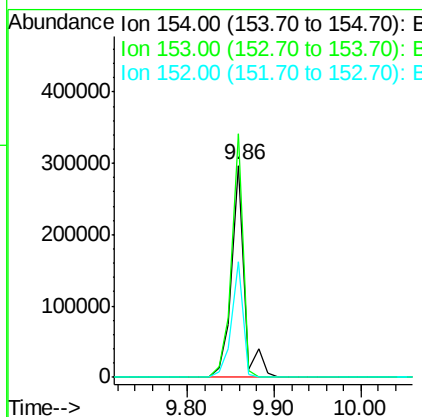
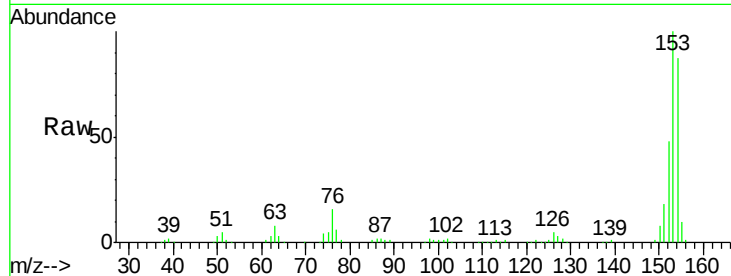
#51
Acenaphthene
Concen: 37.99 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	306077		
153	115.0	91.4	137.2	
152	54.8	44.2	66.4	

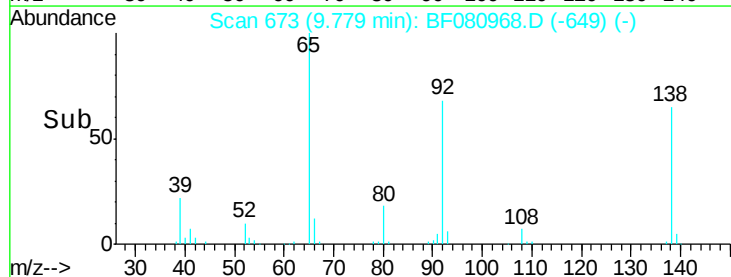
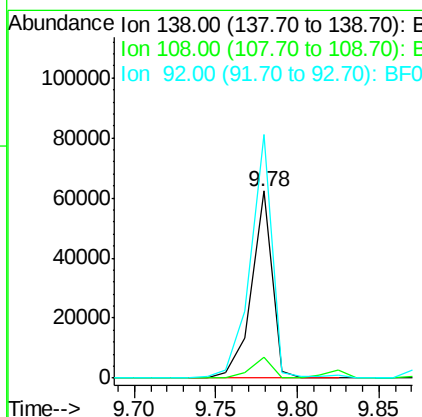
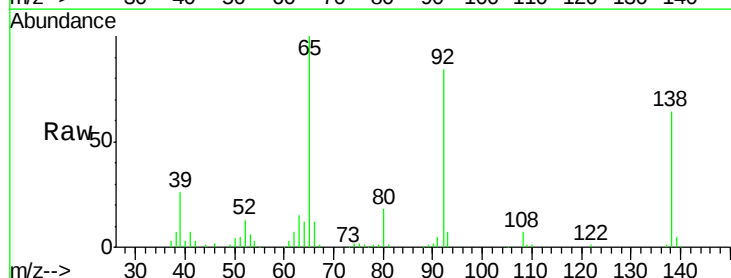
Manual Integrations
APPROVED

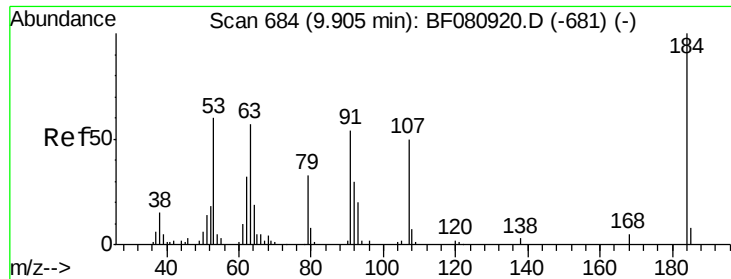
apatel
8/12/2015 8:34:01 AM



#52
3-Nitroaniline
Concen: 22.99 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

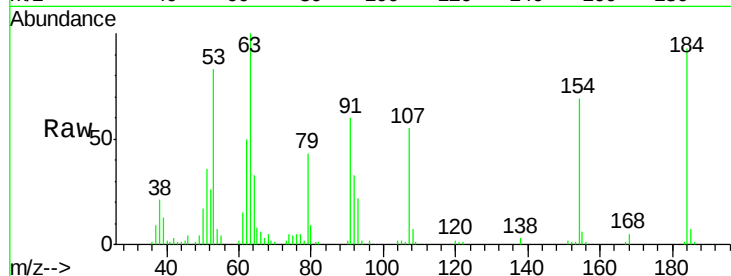
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	55008		
108	11.1	8.7	13.1	
92	130.1	104.4	156.6	





#53
2,4-Dinitrophenol
Concen: 44.62 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

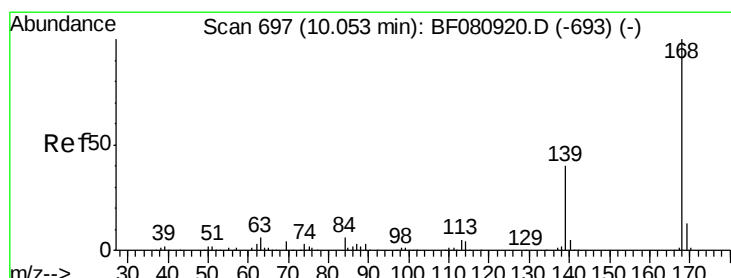
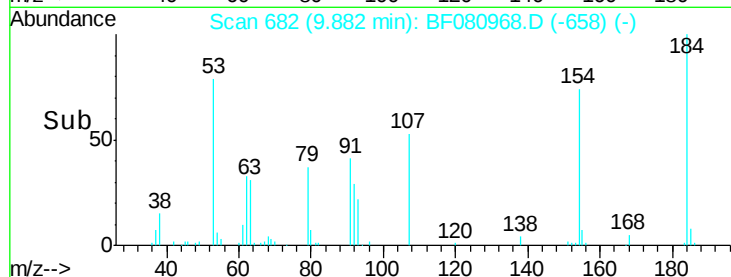
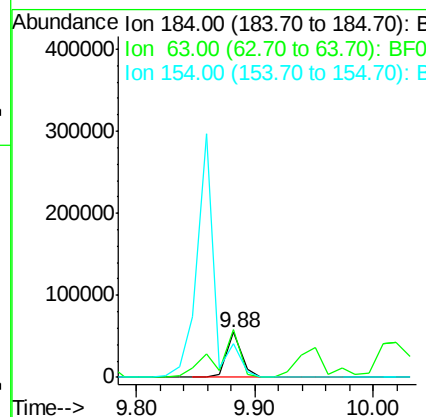
Instrument :
BNA_F
ClientSampleId :
PB84929BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	49135		
63	107.9	59.7	89.5#	
154	74.1	53.8	80.8	

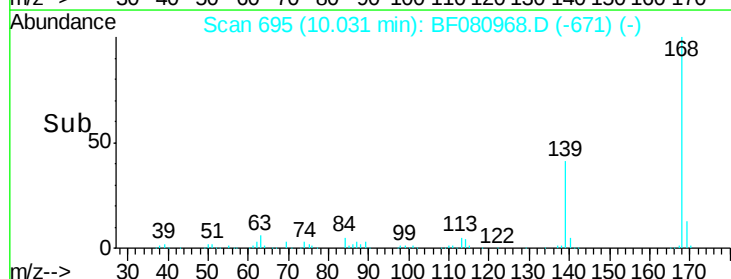
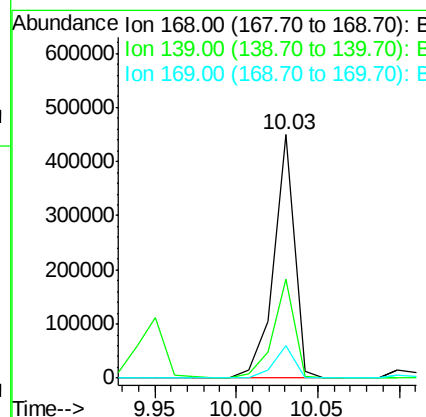
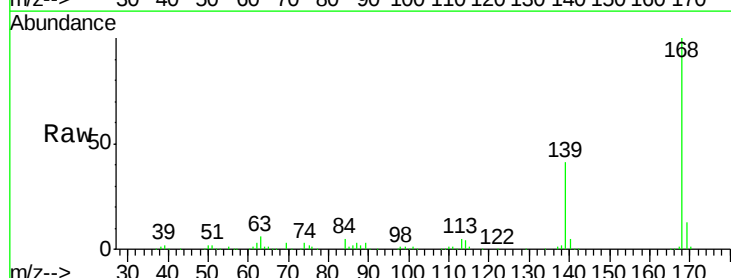
Manual Integrations
APPROVED

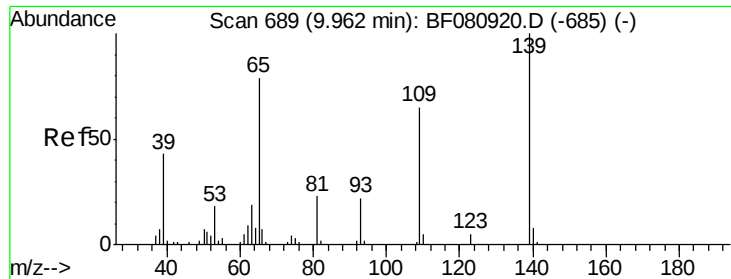
apatel
8/12/2015 8:34:01 AM



#54
Dibenzofuran
Concen: 36.74 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	400215		
139	40.8	31.9	47.9	
169	13.3	10.6	15.8	





#55

4-Nitrophenol

Concen: 75.01 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080968.D

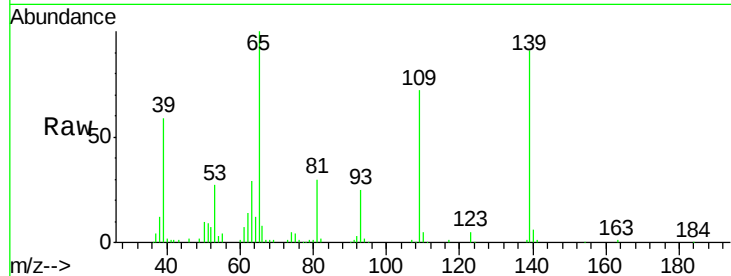
Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB84929BS



Tgt Ion:139 Resp: 134340

Ion Ratio Lower Upper

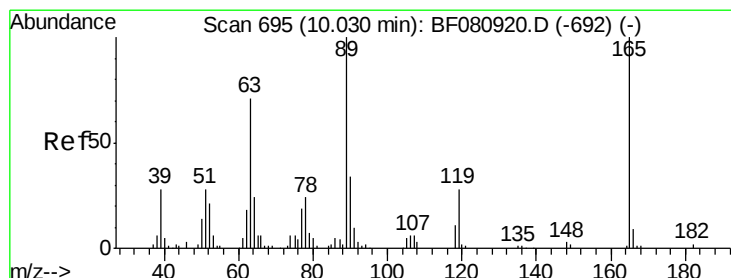
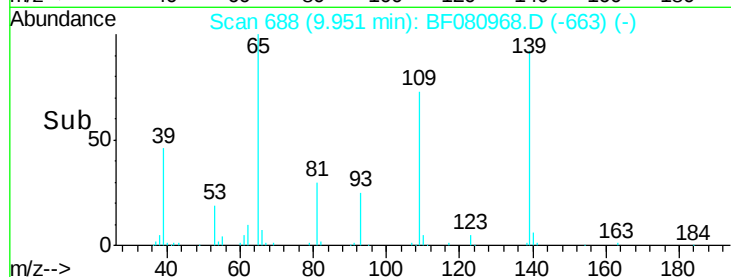
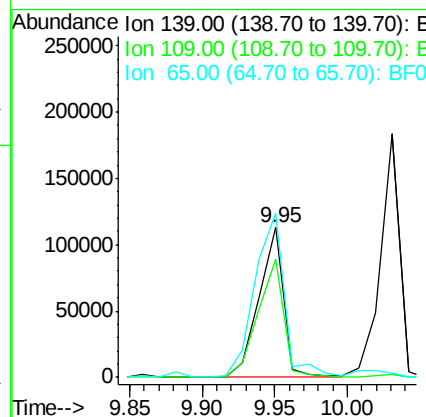
139 100

109 79.2 44.7 84.7

65 110.0 59.5 99.5

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#56

2,4-Dinitrotoluene

Concen: 38.82 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:165 Resp: 100816

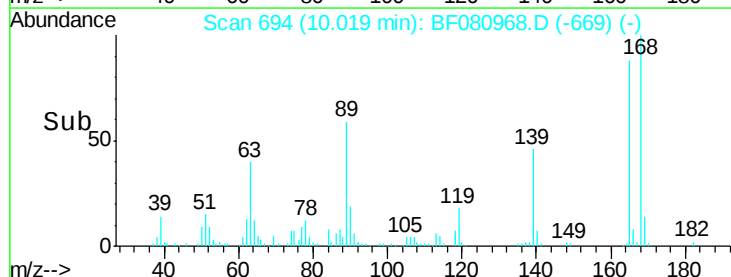
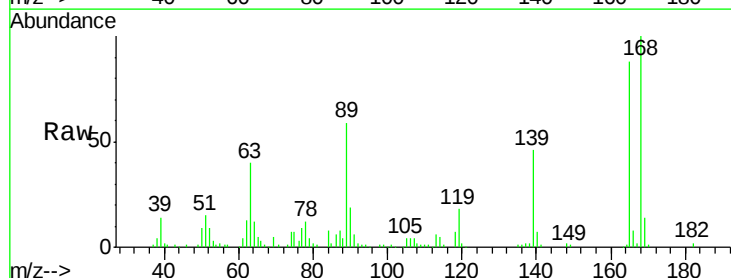
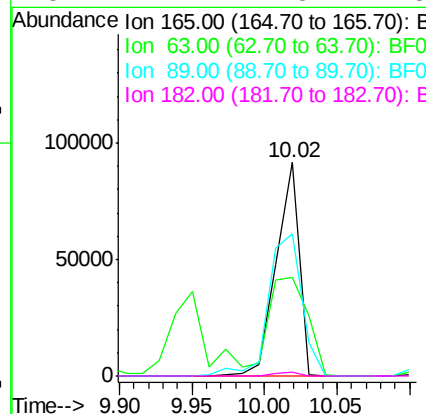
Ion Ratio Lower Upper

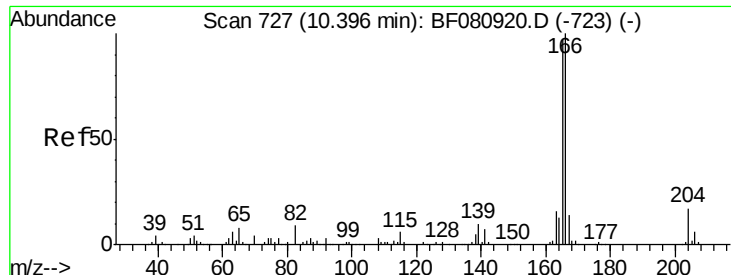
165 100

63 46.1 56.7 85.1

89 66.8 80.4 120.6

182 2.1 1.5 2.3





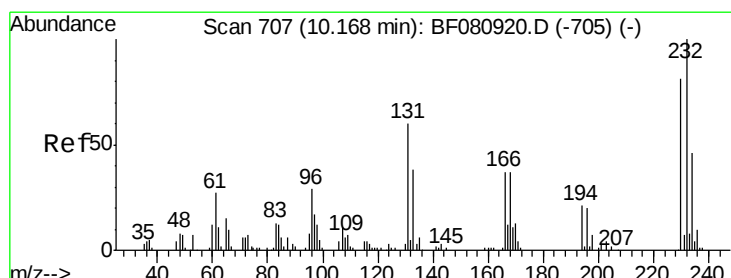
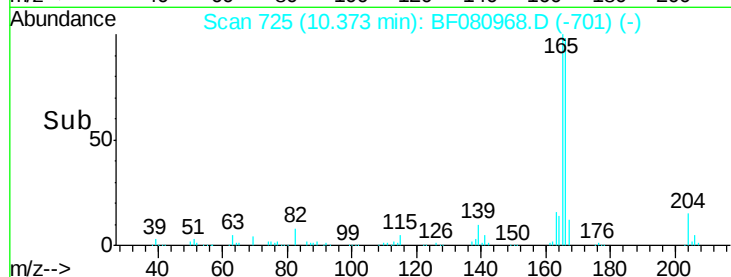
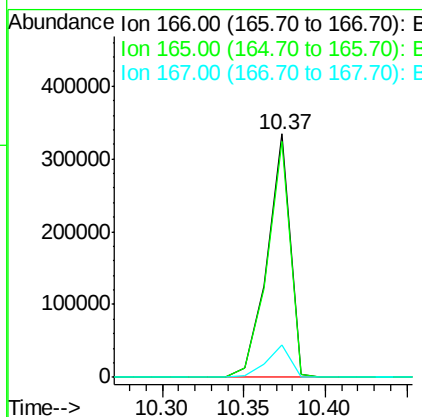
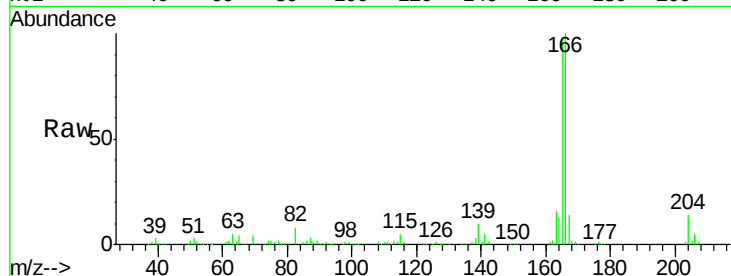
#57
Fluorene
 Concen: 39.02 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	328807		
165	96.9	77.2	115.8	
167	13.5	10.8	16.2	

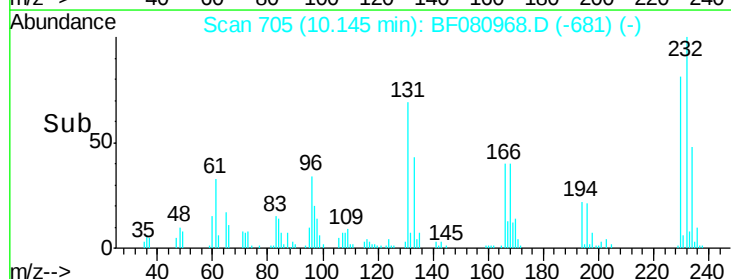
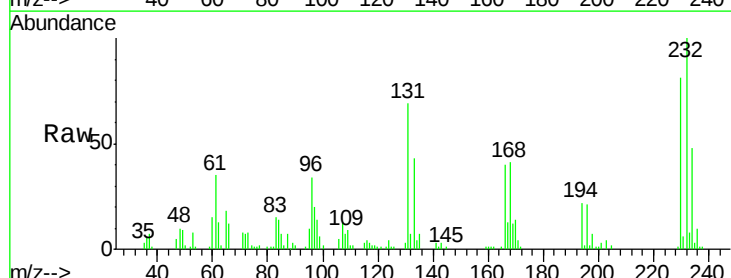
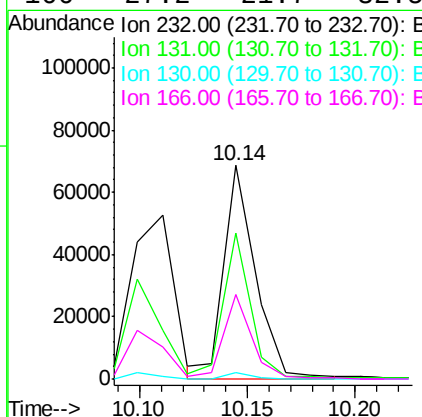
Manual Integrations
 APPROVED

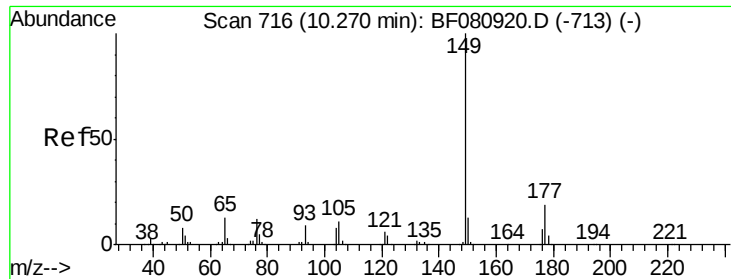
apatel
 8/12/2015 8:34:01 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.24 ng m
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	69770		
131	50.1	39.4	59.2	
130	2.7	2.1	3.1	
166	27.2	21.7	32.5	





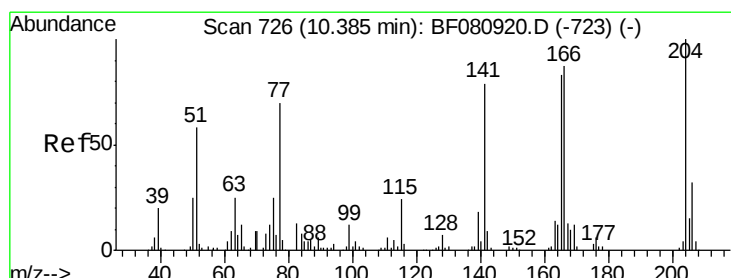
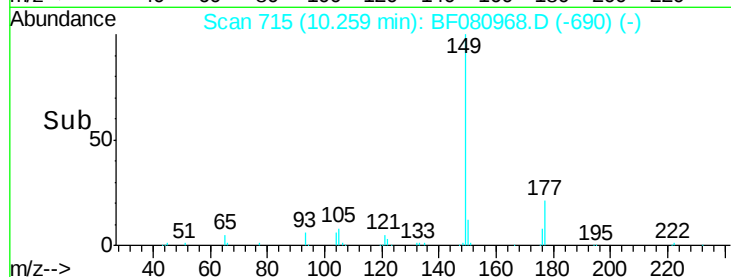
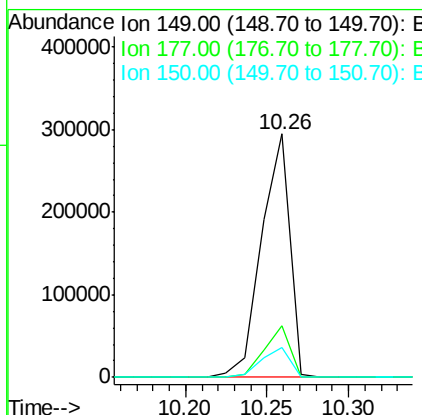
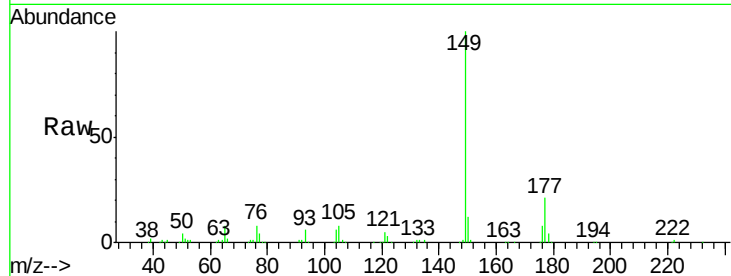
#59
Diethylphthalate
Concen: 36.44 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	356279		
177	21.2	15.0	22.4	
150	12.3	10.4	15.6	

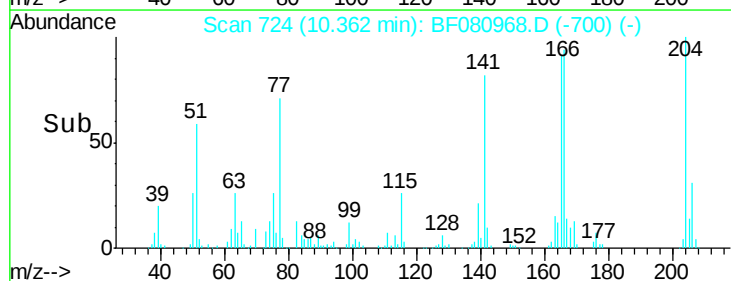
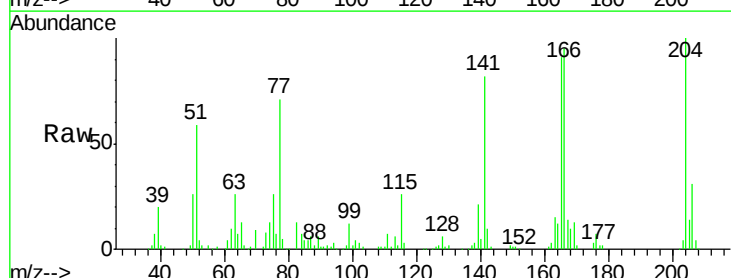
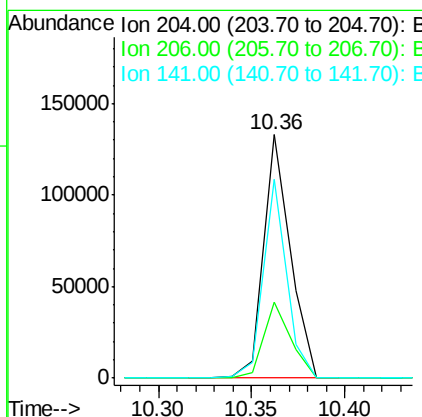
Manual Integrations
APPROVED

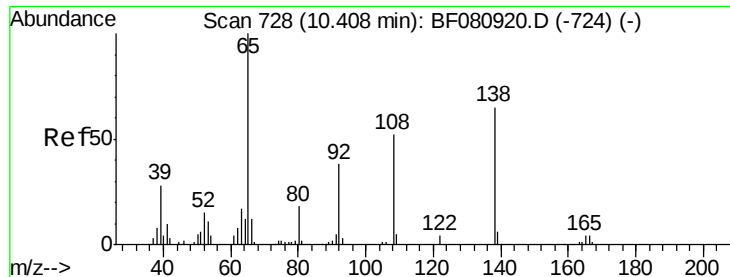
apatel
8/12/2015 8:34:01 AM



#60
4-Chlorophenyl-phenylether
Concen: 31.85 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	130785		
206	31.0	25.5	38.3	
141	81.6	63.4	95.0	





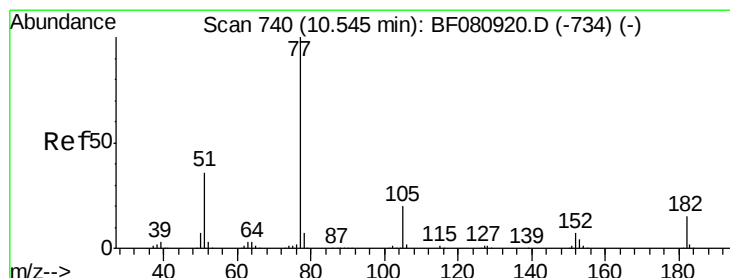
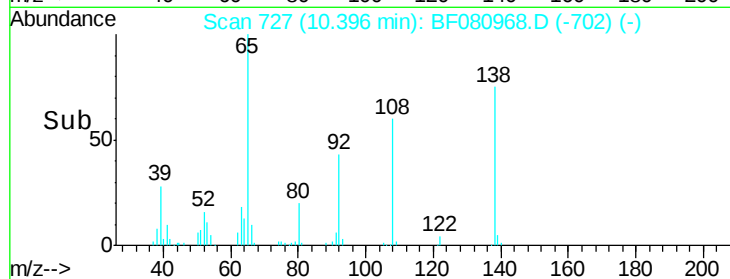
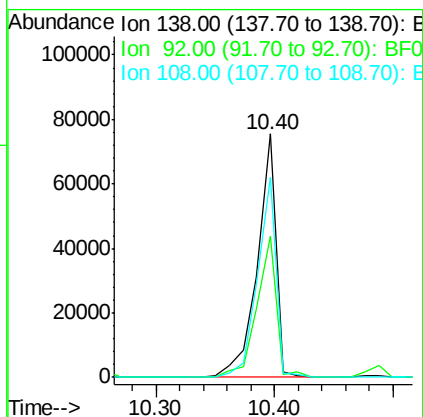
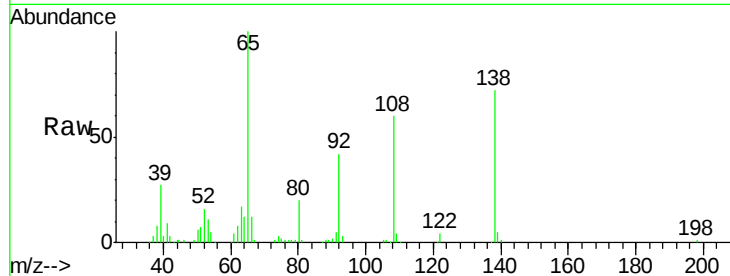
#61
4-Nitroaniline
Concen: 33.91 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	83478		
92	58.2	38.1	78.1	
108	82.2	59.9	99.9	

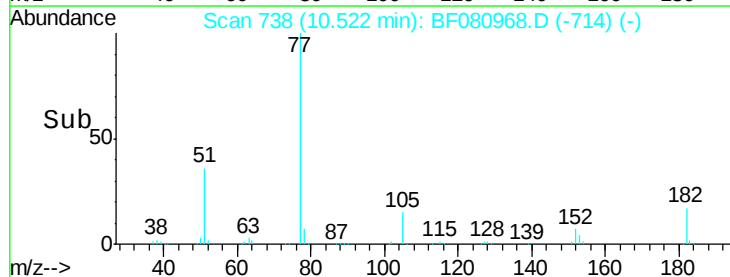
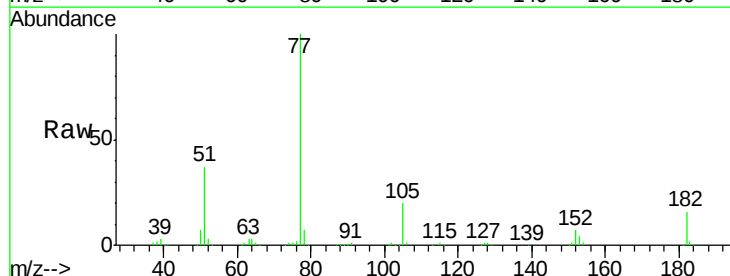
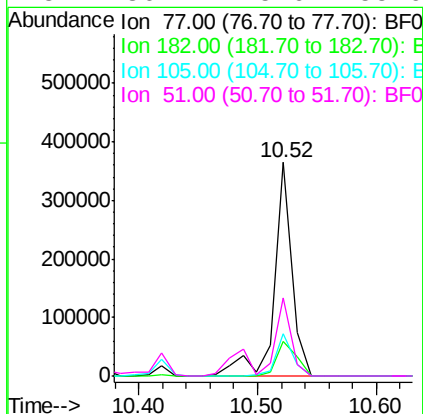
Manual Integrations
APPROVED

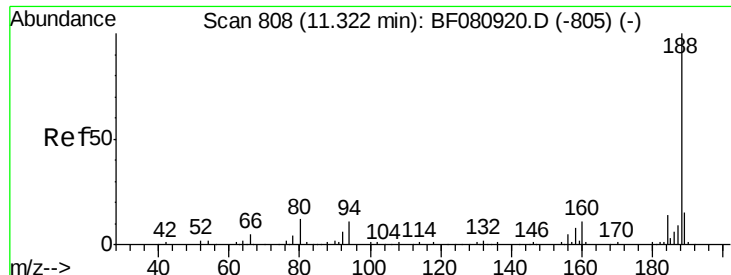
apatel
8/12/2015 8:34:01 AM



#62
Azobenzene
Concen: 34.63 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	378608		
182	16.2	0.0	35.5	
105	19.8	0.5	40.5	
51	36.7	15.6	55.6	





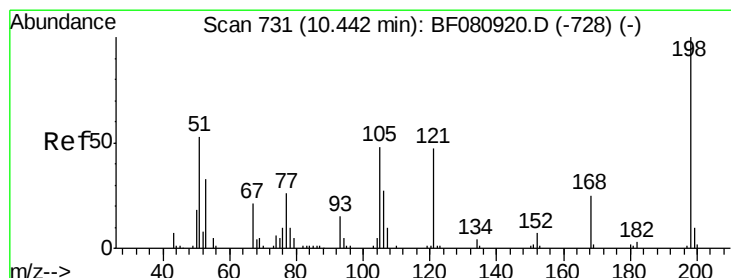
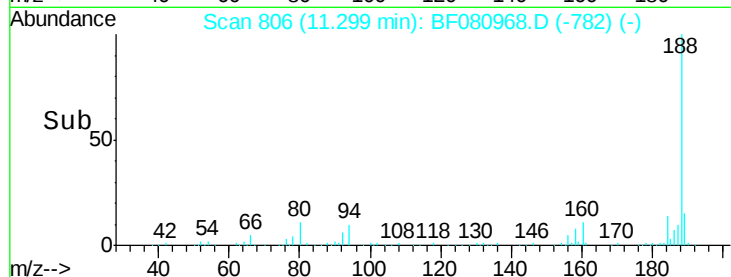
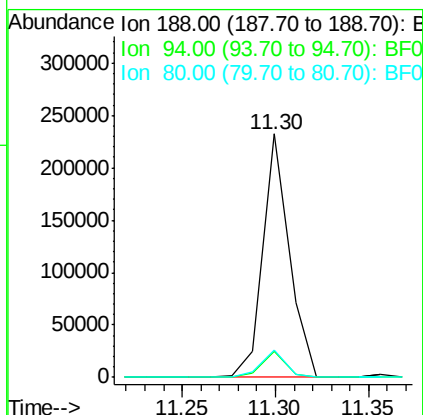
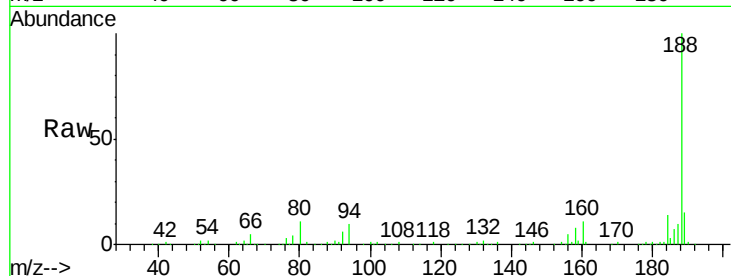
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.5	8.8	13.2
80	11.3	9.5	14.3

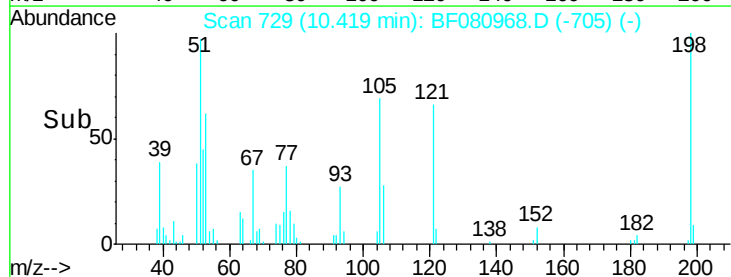
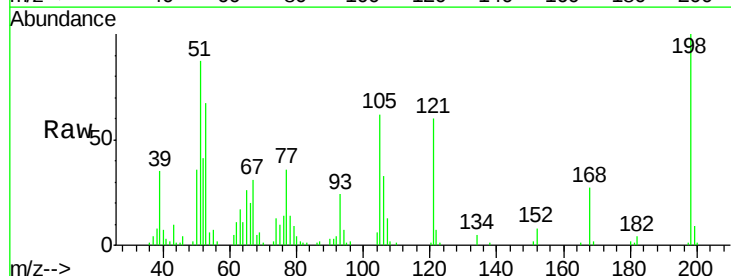
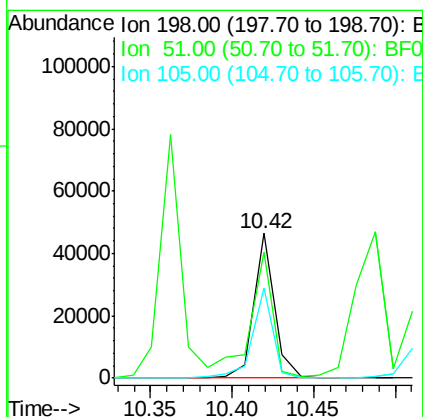
Manual Integrations
 APPROVED

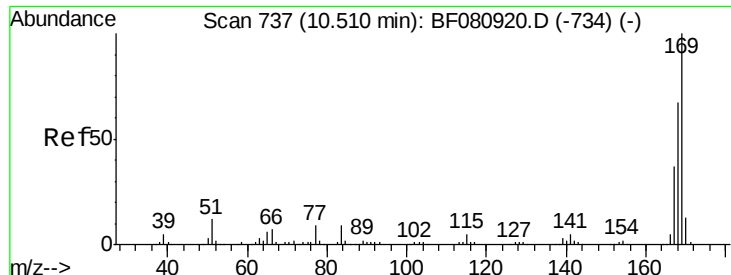
apatel
 8/12/2015 8:34:01 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.99 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	87.0	40.3	80.3#
105	62.0	29.6	69.6





#65

n-Nitrosodiphenylamine

Concen: 36.82 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF080968.D

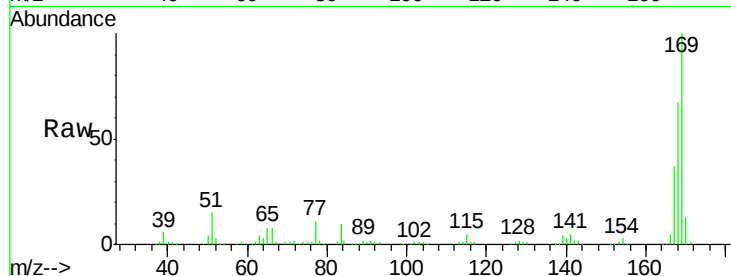
Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

ClientSampleId :

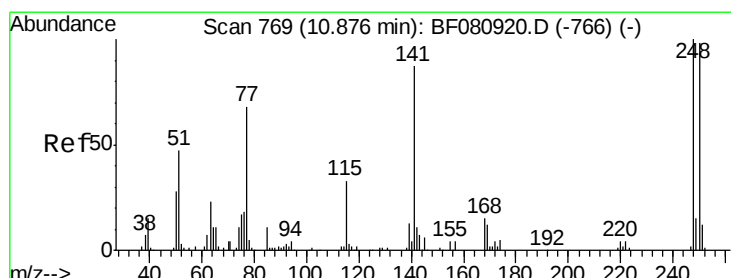
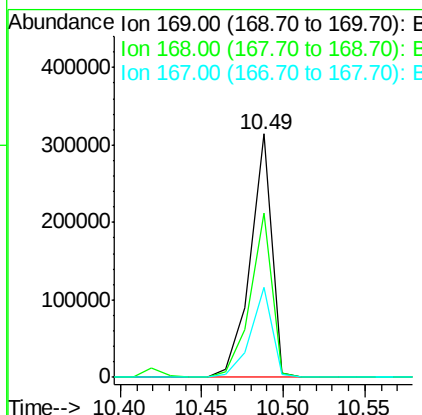
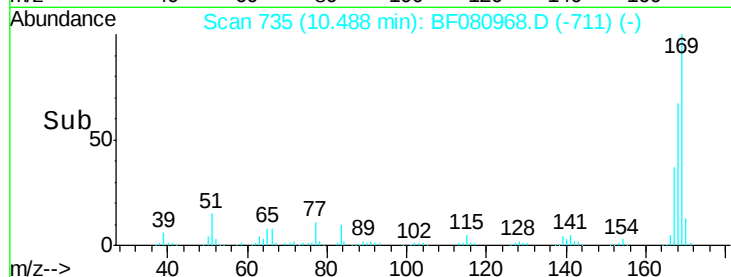
PB84929BS



Tgt Ion:	169	Resp:	290289
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.7	80.5
167	37.2	29.3	43.9

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#66

4-Bromophenyl-phenylether

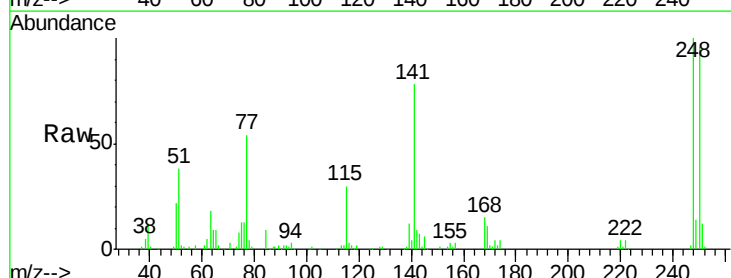
Concen: 37.12 ng

RT: 10.85 min Scan# 767

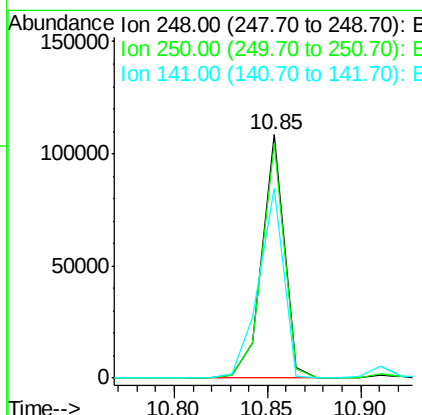
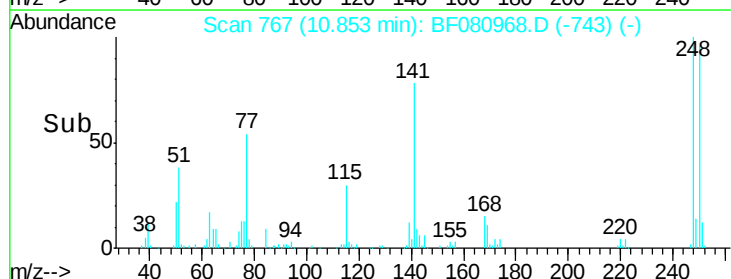
Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34



Tgt Ion:	248	Resp:	89222
Ion Ratio	Lower	Upper	
248	100		
250	96.2	78.1	117.1
141	78.0	69.6	104.4





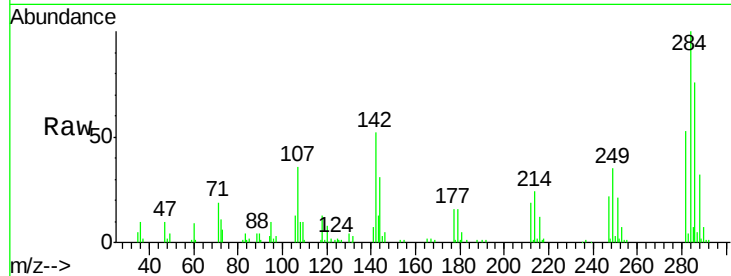
#67
Hexachlorobenzene
Concen: 33.59 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

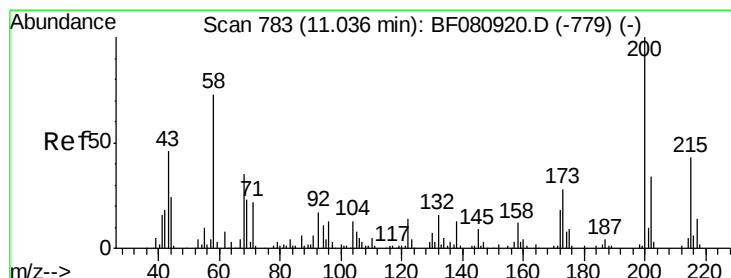
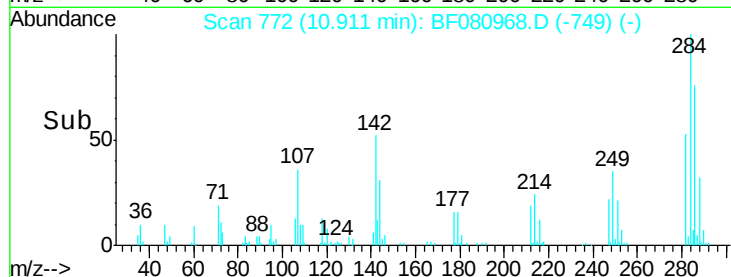
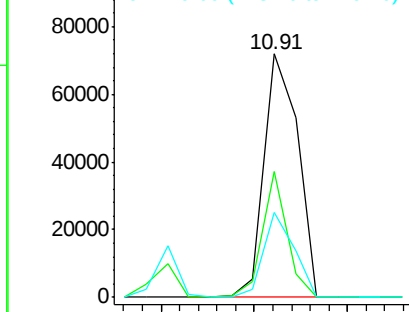
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	89762		
142	51.5	12.8	19.2	#
249	34.9	22.5	33.7	#

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM

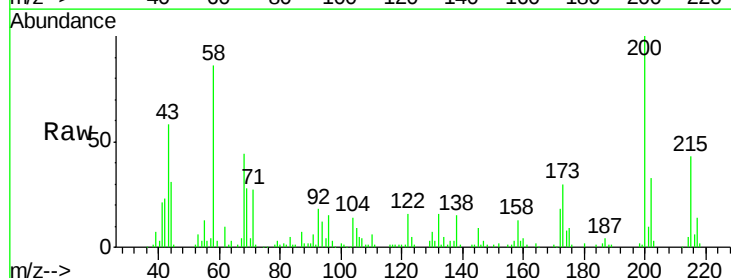


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

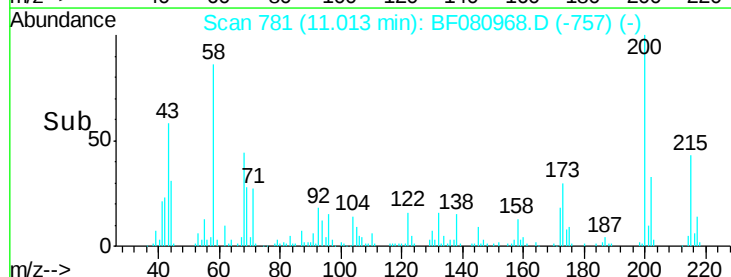
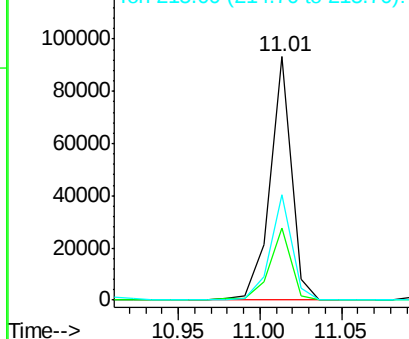


#68
Atrazine
Concen: 37.02 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	85581		
173	29.5	8.4	48.4	
215	43.3	22.7	62.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





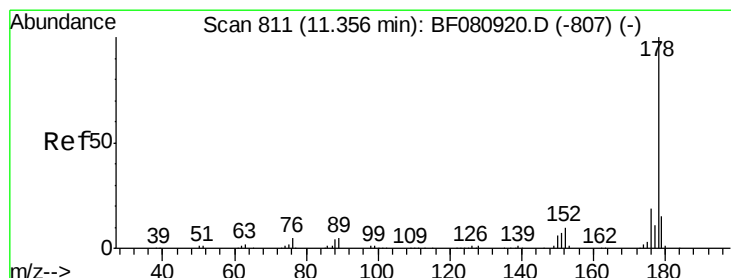
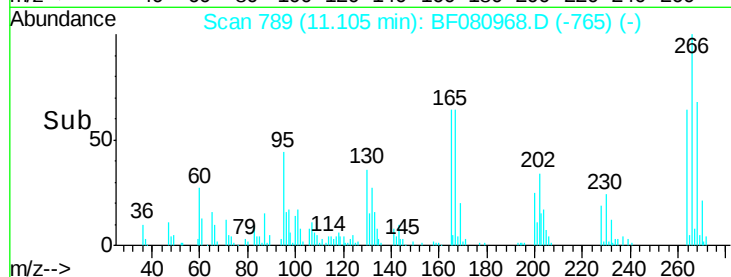
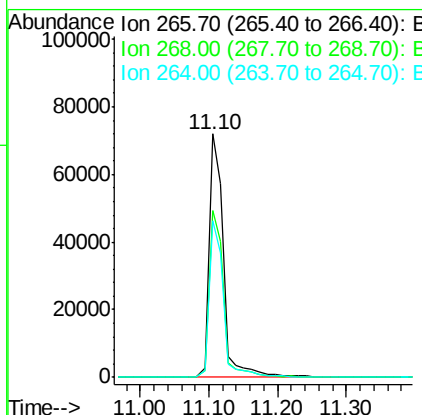
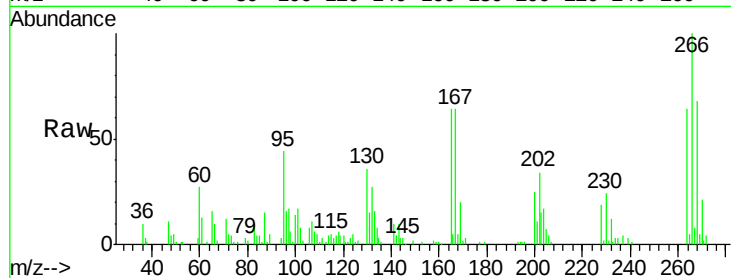
#69
 Pentachlorophenol
 Concen: 67.48 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	104839		
268	68.3	51.6	77.4	
264	64.1	50.1	75.1	

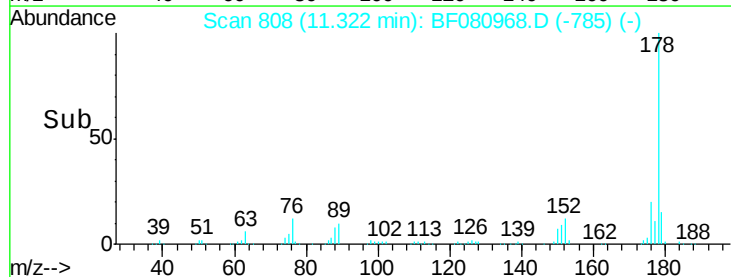
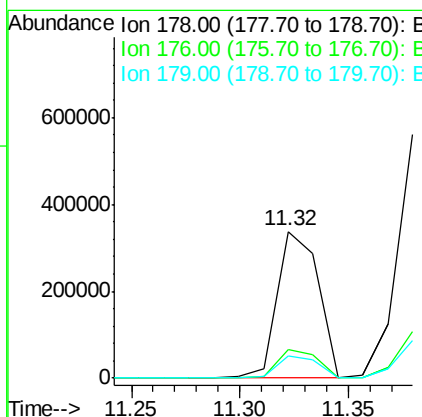
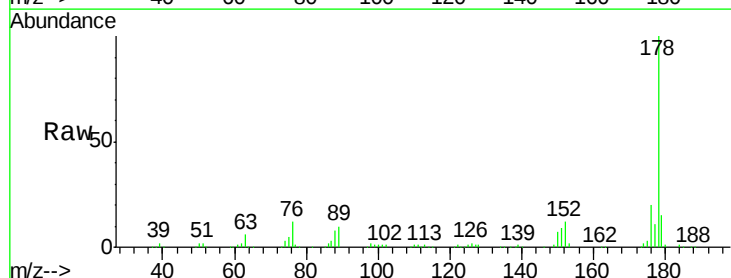
Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM



#70
 Phenanthrene
 Concen: 34.70 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	445916		
176	19.6	15.6	23.4	
179	15.5	11.9	17.9	





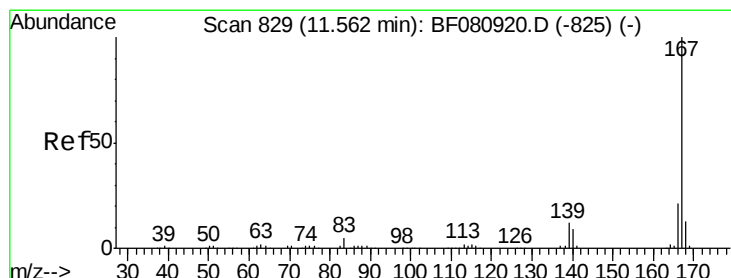
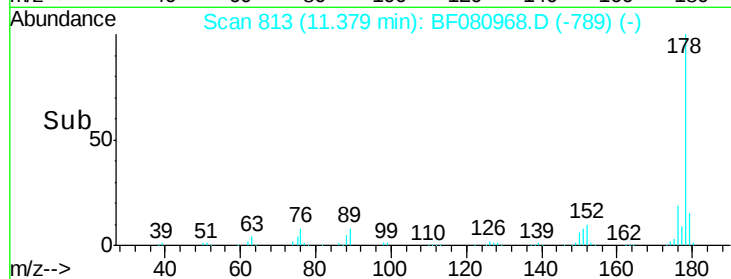
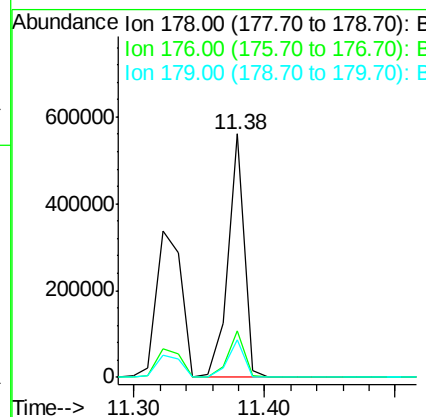
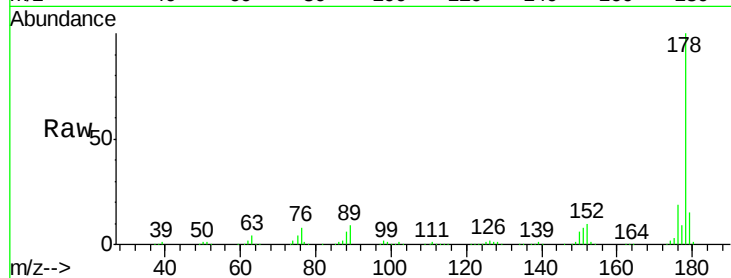
#71
 Anthracene
 Concen: 38.27 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	486830		
176	19.0	15.5	23.3	
179	15.3	12.6	18.8	

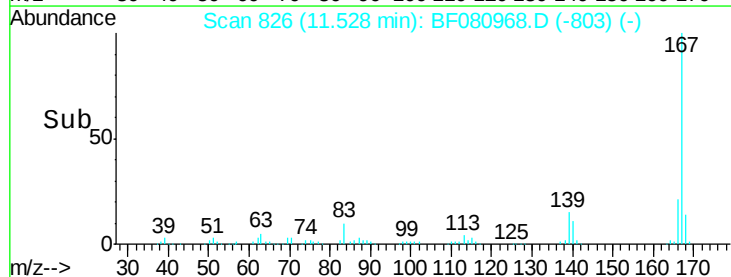
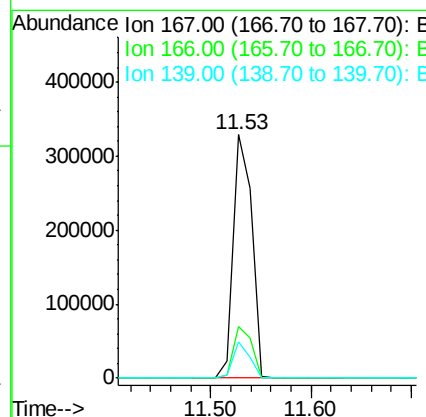
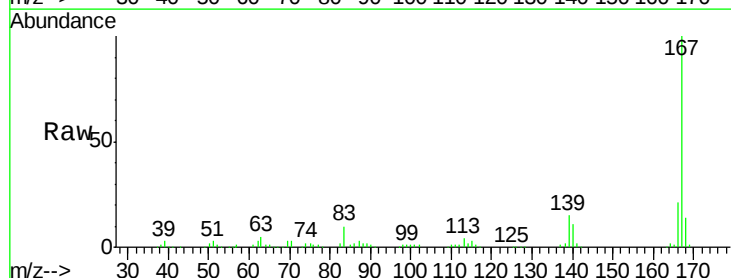
Manual Integrations
 APPROVED

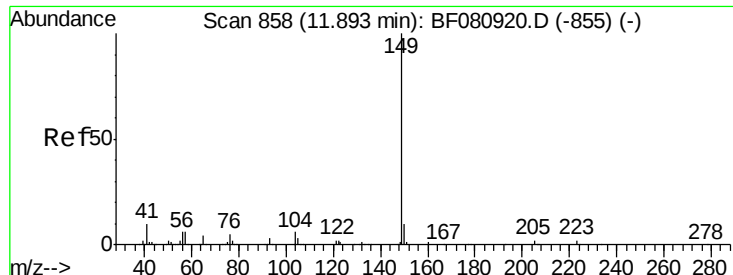
apatel
 8/12/2015 8:34:01 AM



#72
 Carbazole
 Concen: 34.06 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	421850		
166	21.0	17.1	25.7	
139	14.8	9.2	13.8	





#73

Di-n-butylphthalate

Concen: 39.34 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

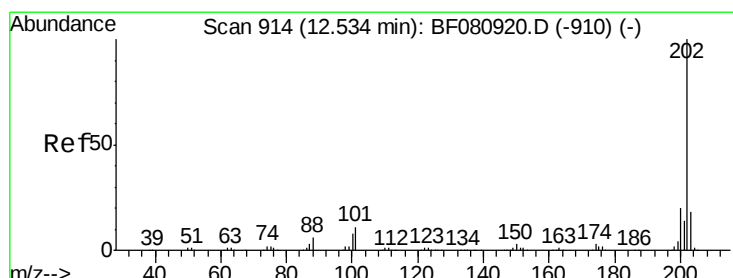
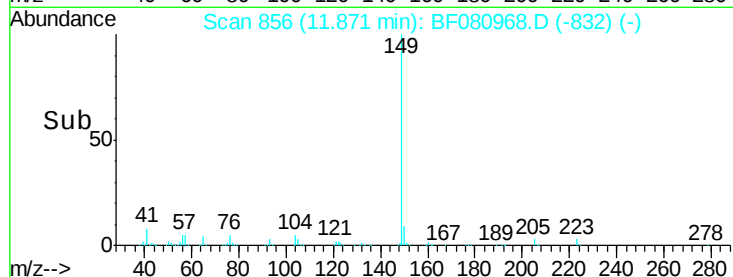
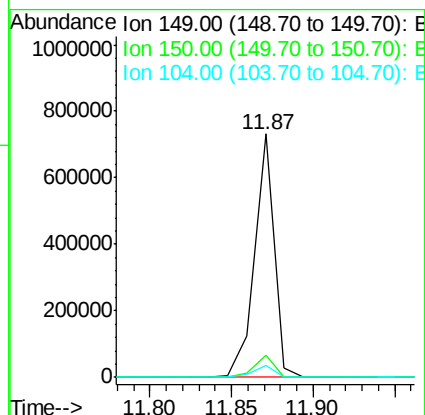
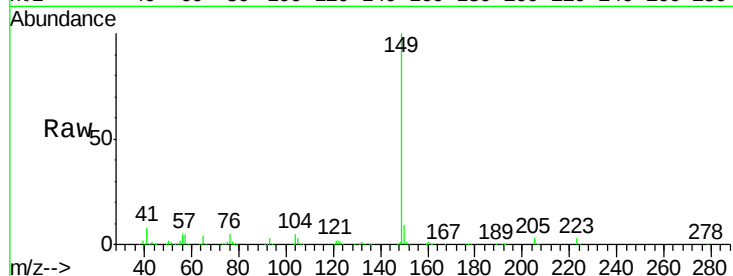
ClientSampleId :

PB84929BS

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	609204		
150	9.2	7.6	11.4	
104	5.1	4.4	6.6	



#74

Fluoranthene

Concen: 38.52 ng

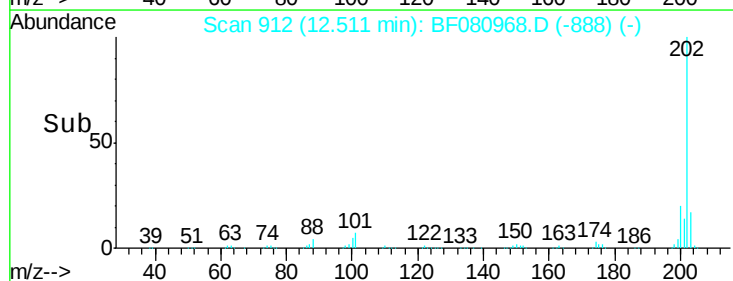
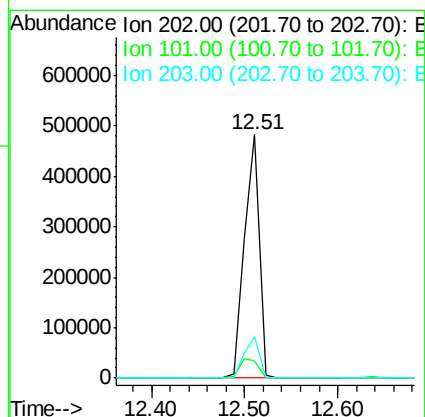
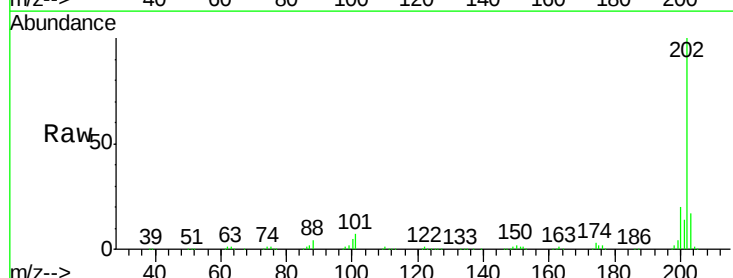
RT: 12.51 min Scan# 912

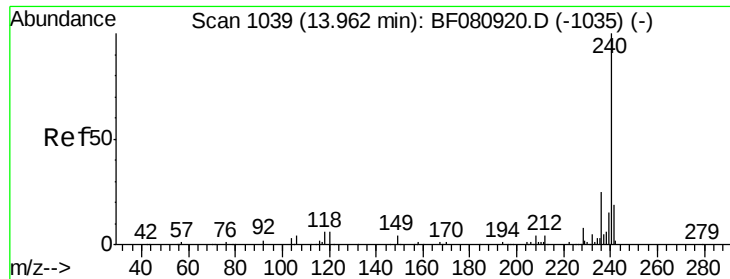
Delta R.T. -0.02 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	535027		
101	7.1	0.0	30.5	
203	17.2	0.0	37.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB84929BS

Tgt Ion:240 Resp: 181872
Ion Ratio Lower Upper

240 100

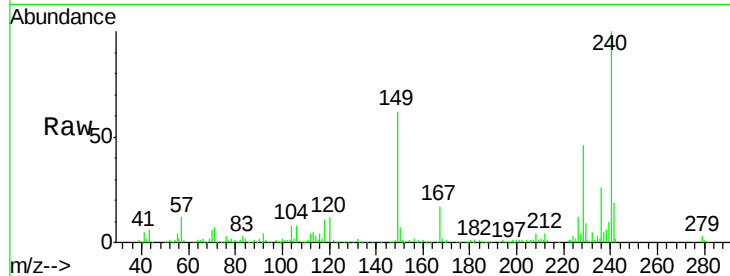
120 11.9 5.2 7.8#

236 25.5 20.2 30.4

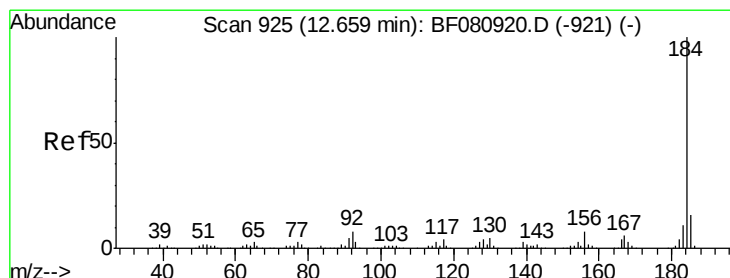
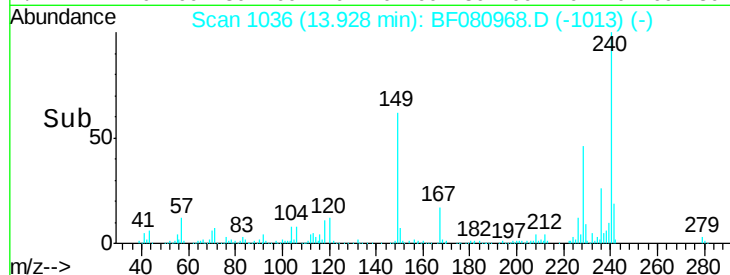
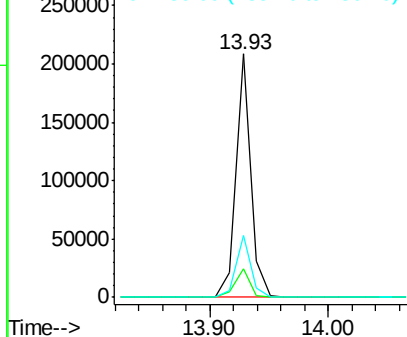
Manual Integrations
APPROVED

apatel

8/12/2015 8:34:01 AM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.45 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080968.D

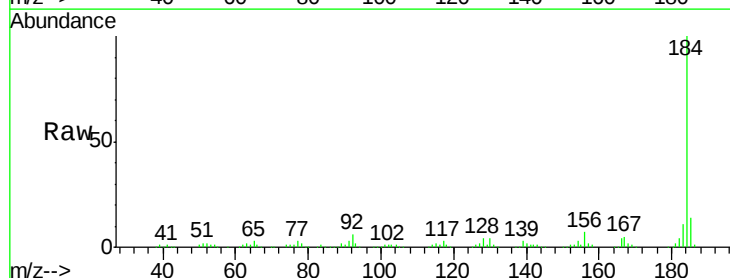
Acq: 11 Aug 2015 18:34

Tgt Ion:184 Resp: 353726
Ion Ratio Lower Upper

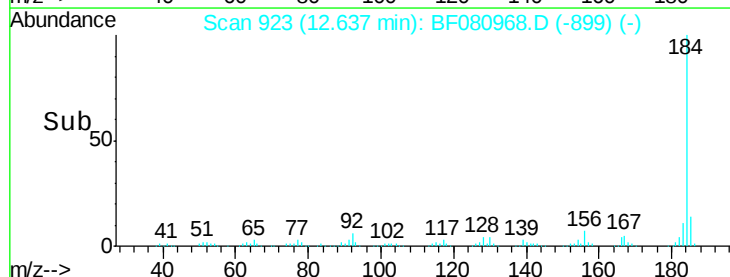
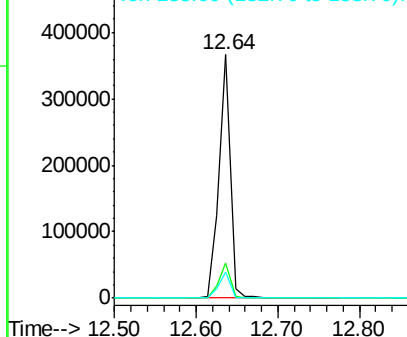
184 100

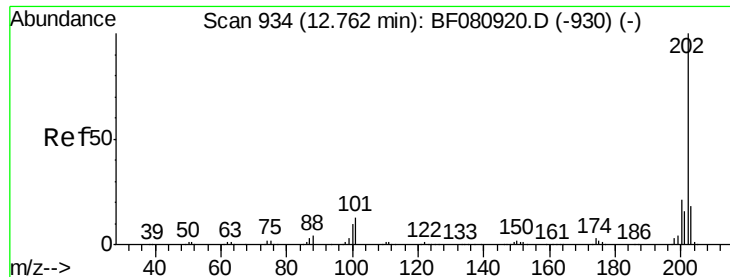
185 14.3 13.0 19.4

183 10.9 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





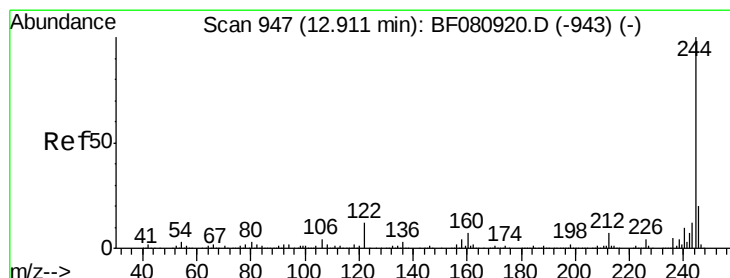
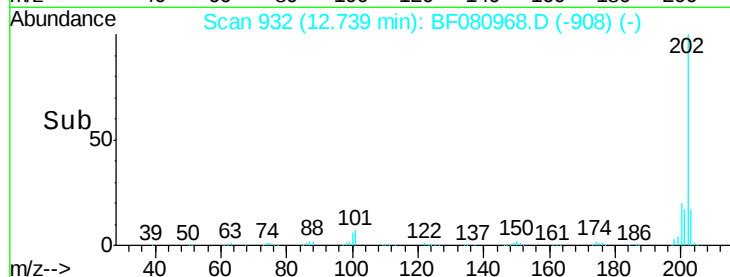
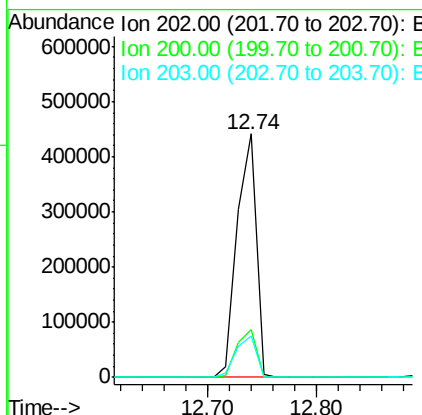
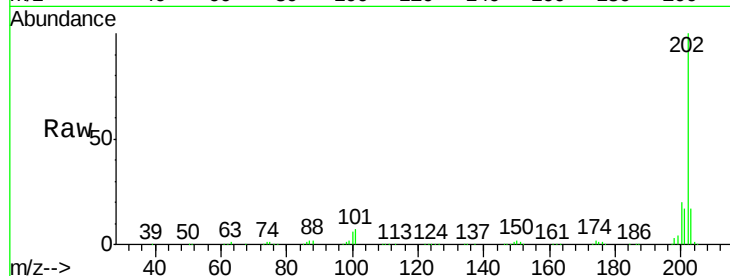
#77
 Pyrene
 Concen: 39.41 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	529482		
200	19.7		16.6	24.8
203	17.2		14.2	21.2

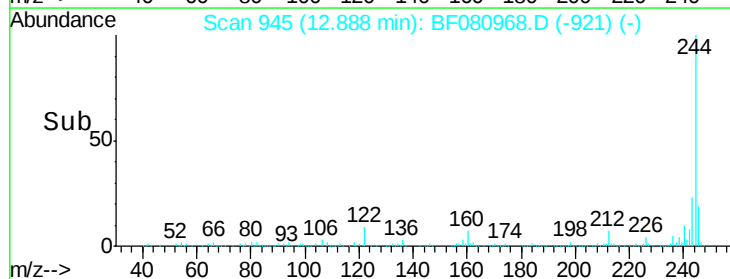
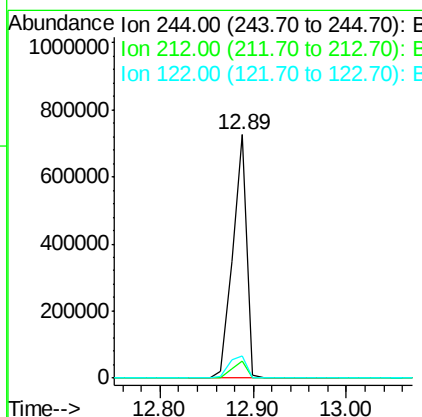
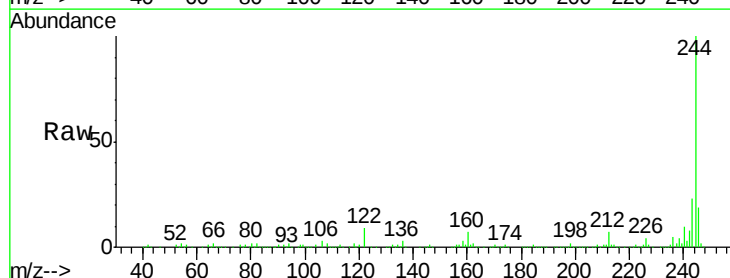
Manual Integrations
 APPROVED

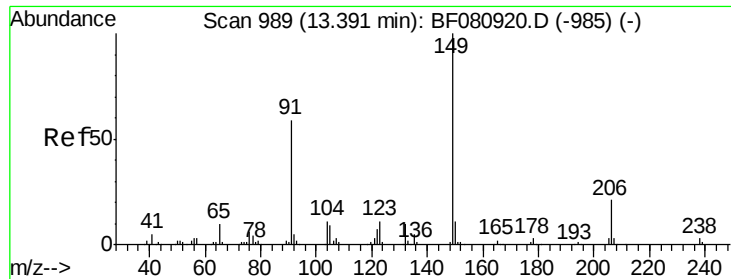
apatel
 8/12/2015 8:34:01 AM



#78
 Terphenyl-d14
 Concen: 86.58 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	762380		
212	7.2		5.8	8.8
122	9.1		9.4	14.2#





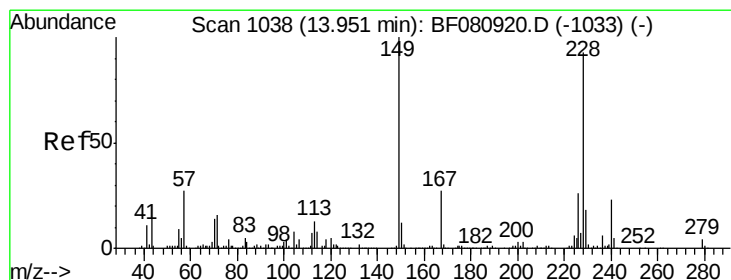
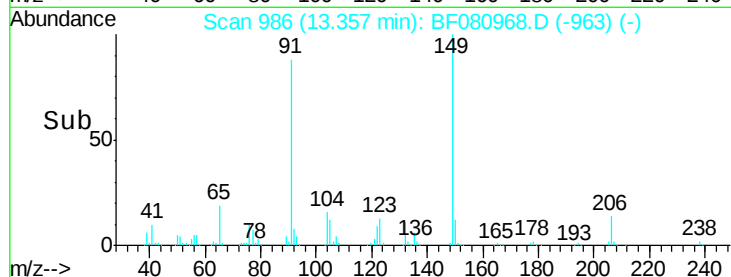
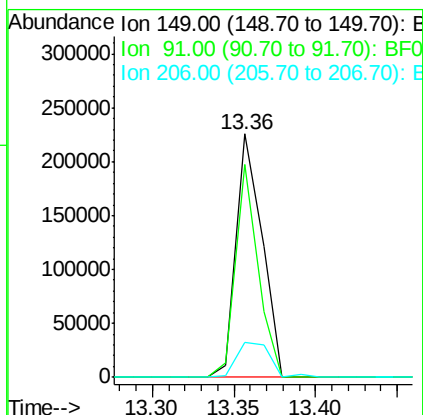
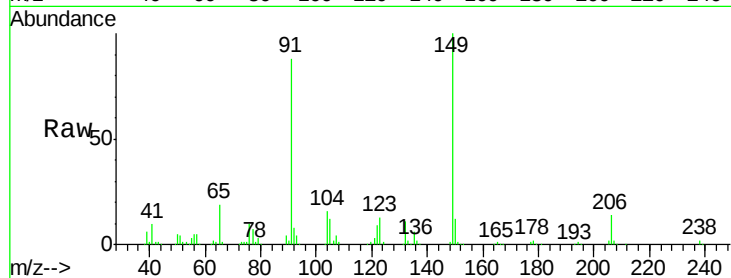
#79
Butylbenzylphthalate
Concen: 38.04 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	87.6	47.2	70.8#
206	14.4	16.5	24.7#

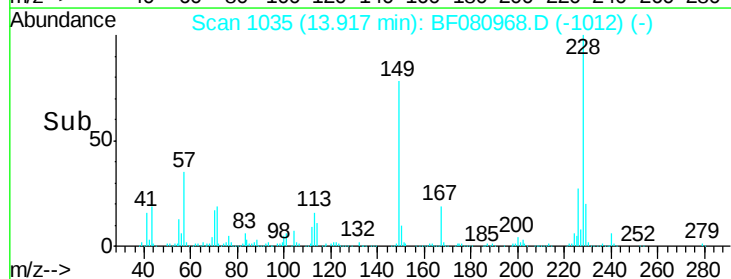
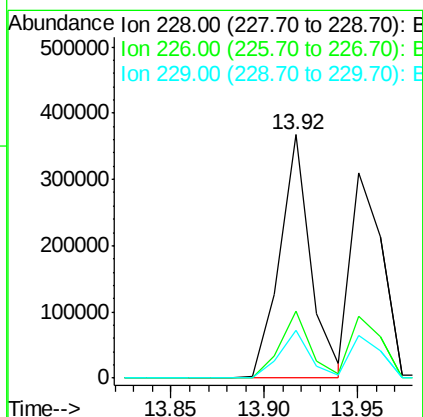
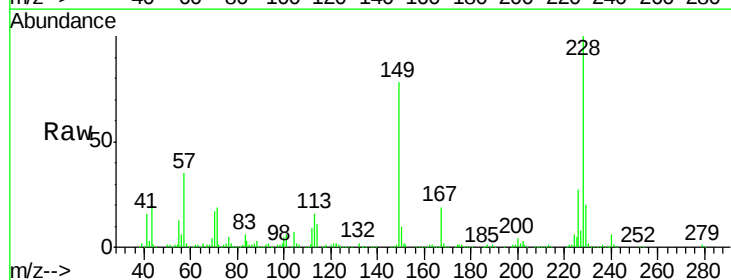
Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#80
Benzo(a)anthracene
Concen: 36.76 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	22.2	33.2
229	19.6	15.8	23.6





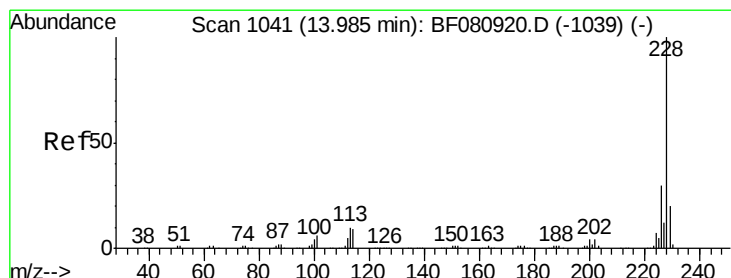
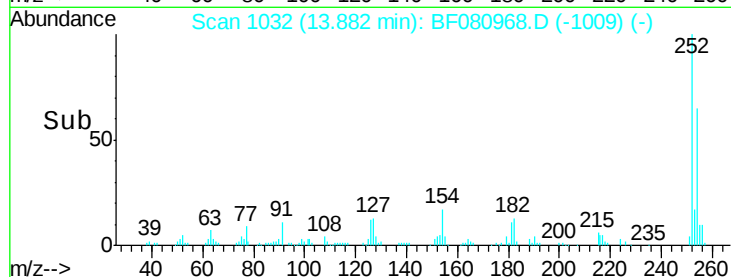
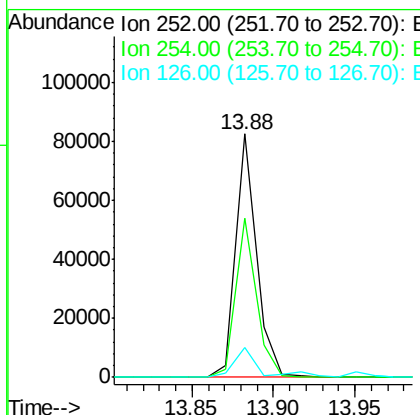
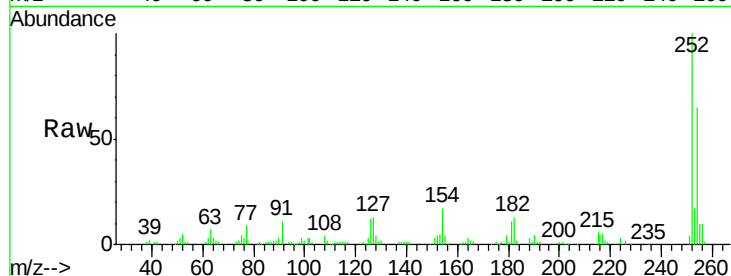
#81
 3,3'-Dichlorobenzidine
 Concen: 17.21 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.3	51.7	77.5
126	12.4	7.1	10.7

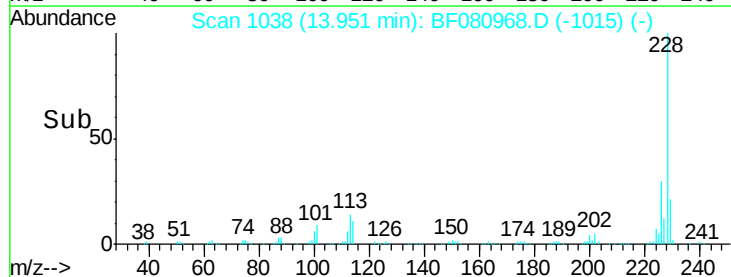
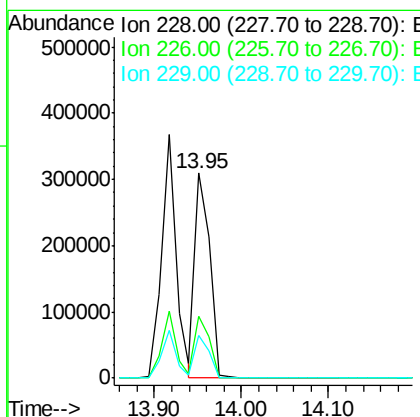
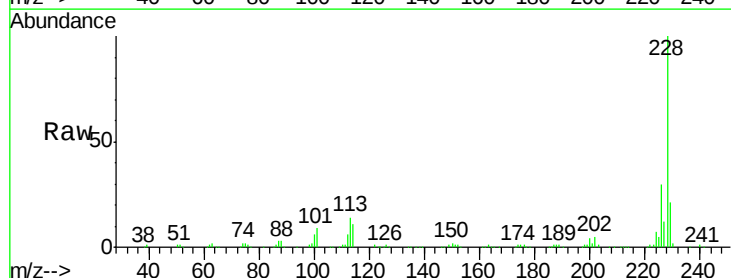
Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM



#82
 Chrysene
 Concen: 33.44 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	23.9	35.9
229	20.6	15.8	23.6





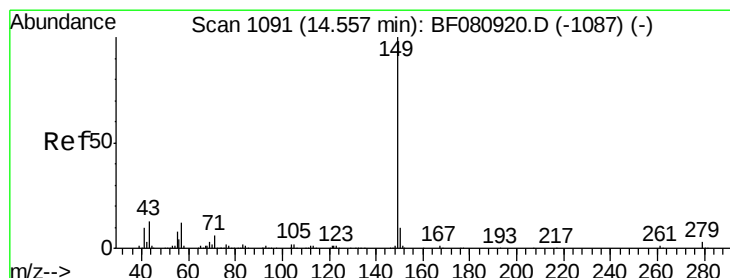
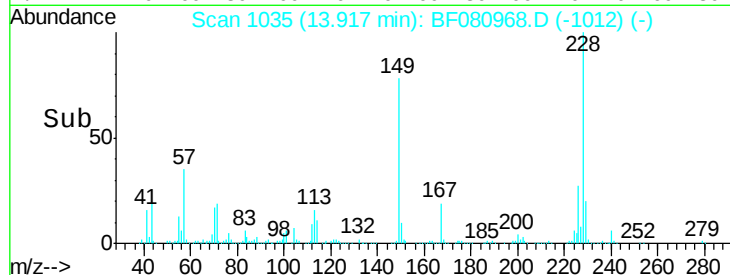
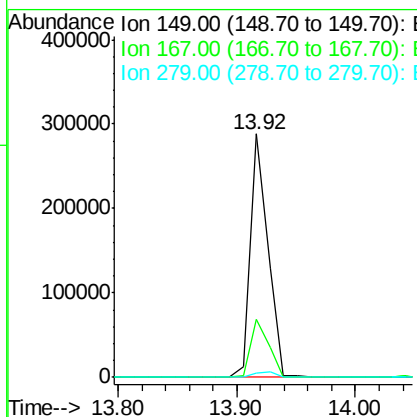
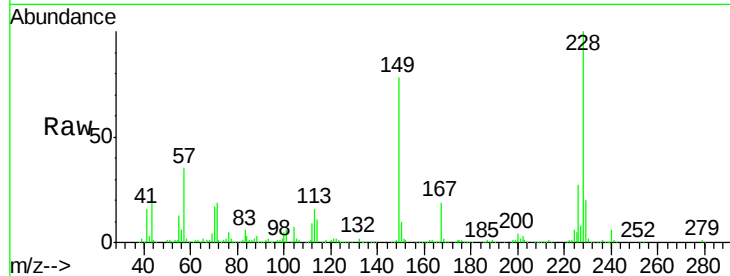
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.06 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.0	21.4	32.0
279	1.9	2.9	4.3#

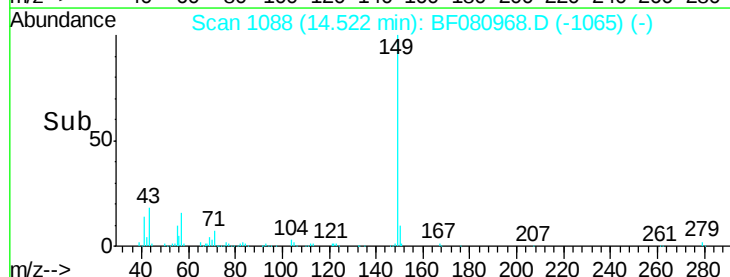
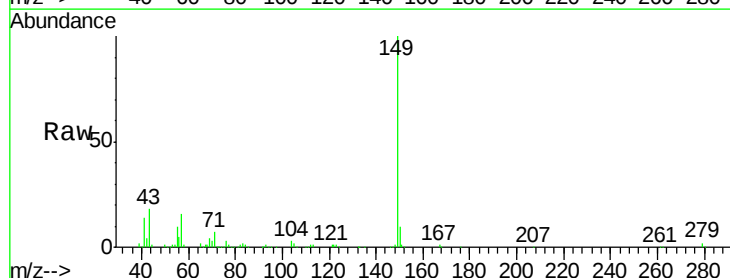
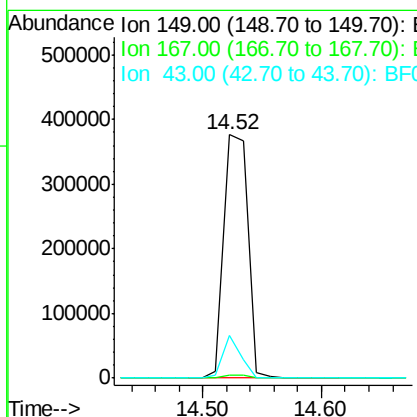
Manual Integrations
 APPROVED

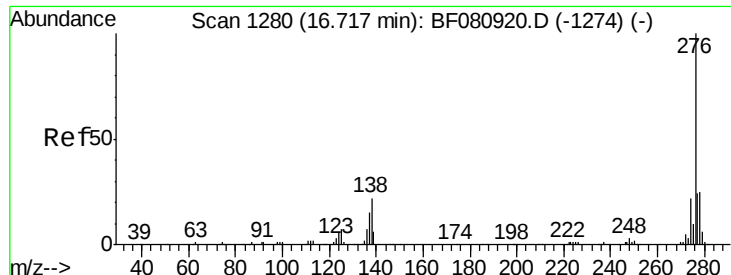
apatel
 8/12/2015 8:34:01 AM



#84
 Di-n-octyl phthalate
 Concen: 34.45 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.1	1.7
43	13.2	11.0	16.4





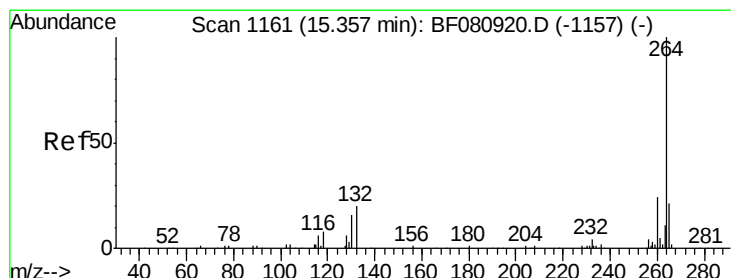
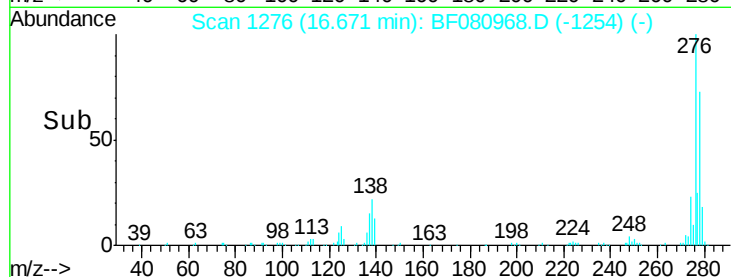
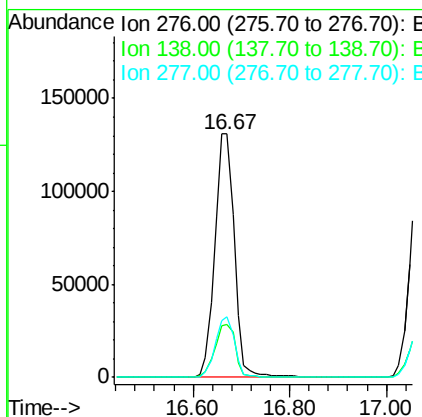
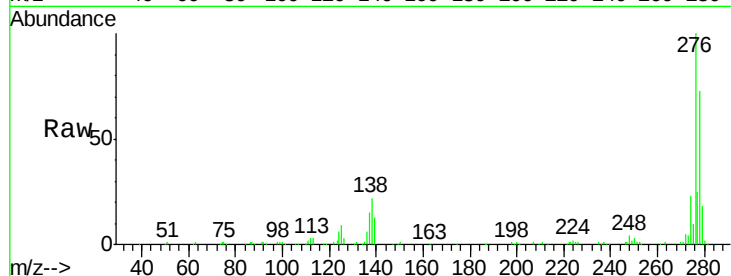
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.70 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	373685		
138	22.8	19.9	29.9	
277	24.5	19.7	29.5	

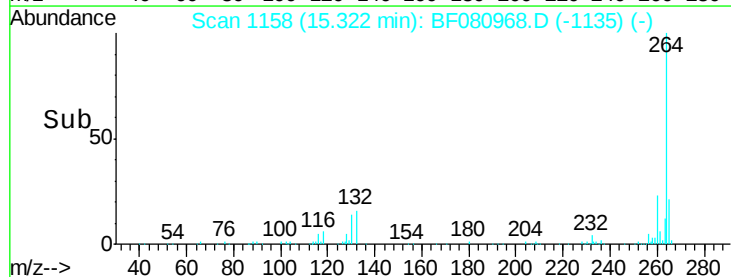
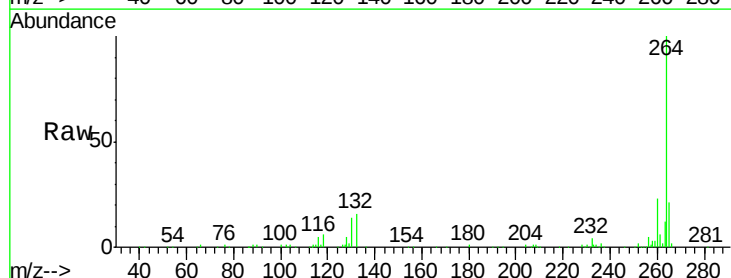
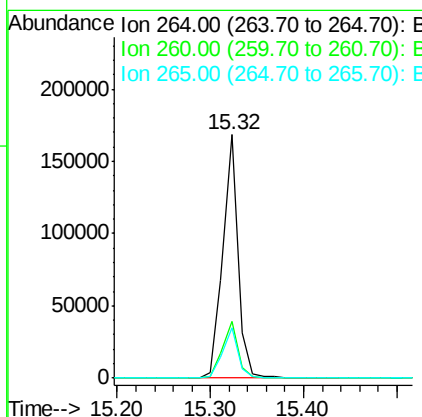
Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	191085		
260	23.5	19.4	29.0	
265	20.8	17.0	25.4	





#87

Benzo(b)fluoranthene

Concen: 39.03 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.03 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Instrument :

BNA_F

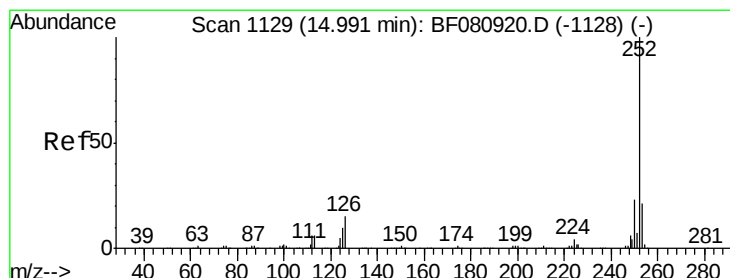
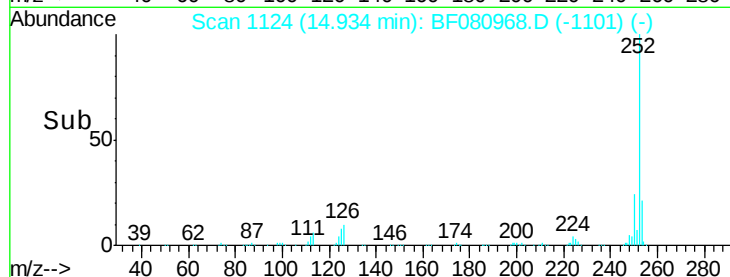
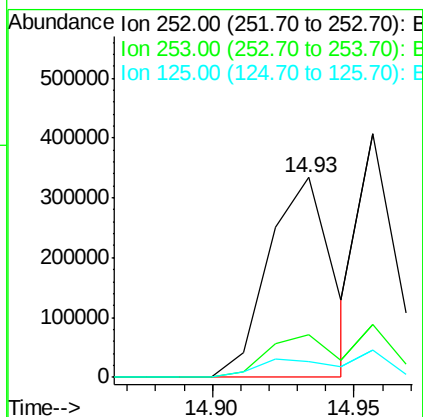
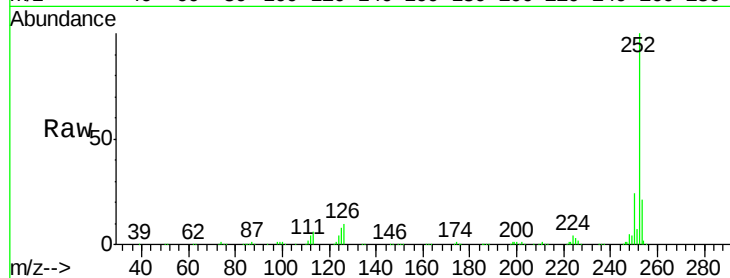
ClientSampleId :

PB84929BS

Tgt Ion:	252	Resp:	518643
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	7.7	6.1	9.1

Manual Integrations
APPROVED

apatel
8/12/2015 8:34:01 AM



#88

Benzo(k)fluoranthene

Concen: 31.67 ng m

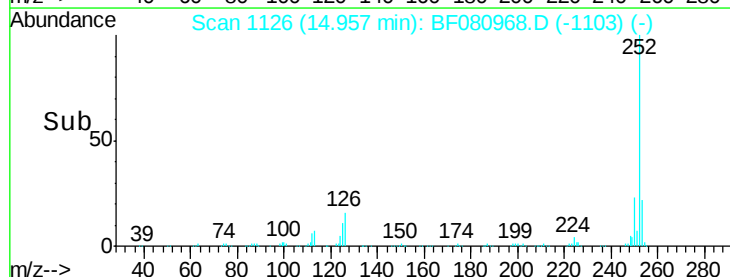
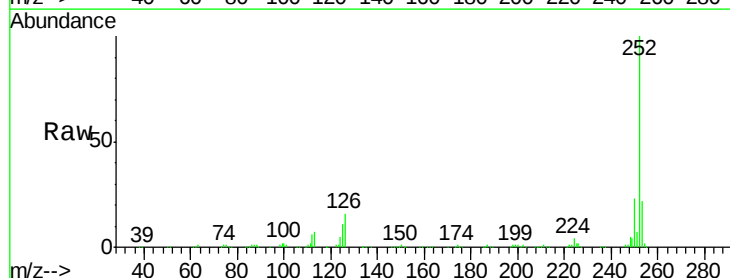
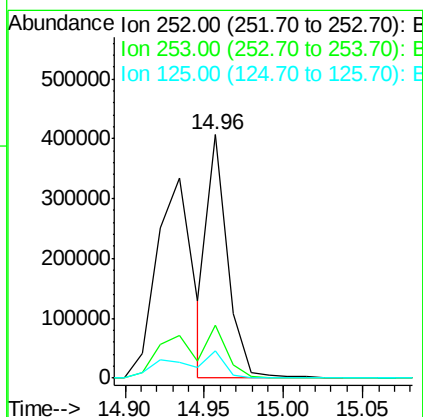
RT: 14.96 min Scan# 1126

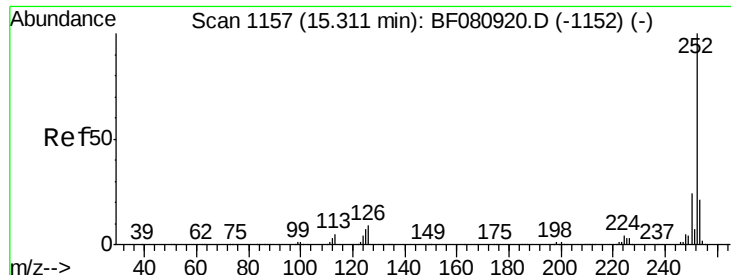
Delta R.T. -0.03 min

Lab File: BF080968.D

Acq: 11 Aug 2015 18:34

Tgt Ion:	252	Resp:	368126
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	11.1	9.0	13.6





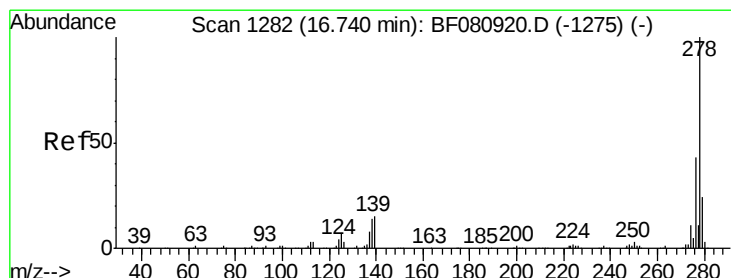
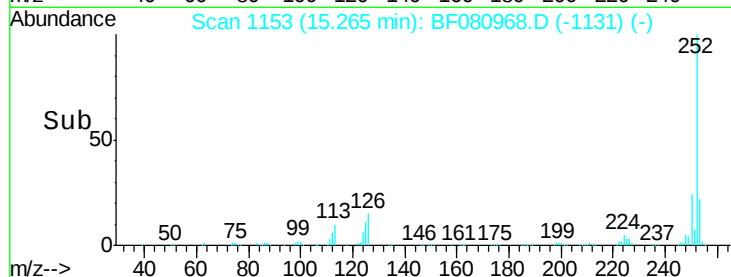
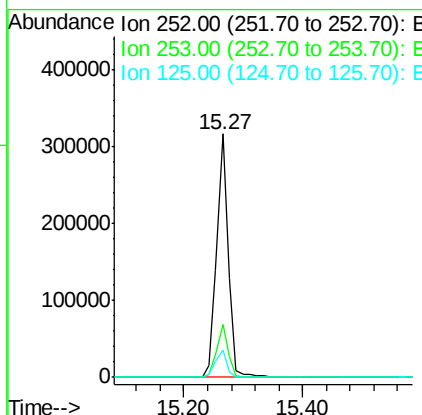
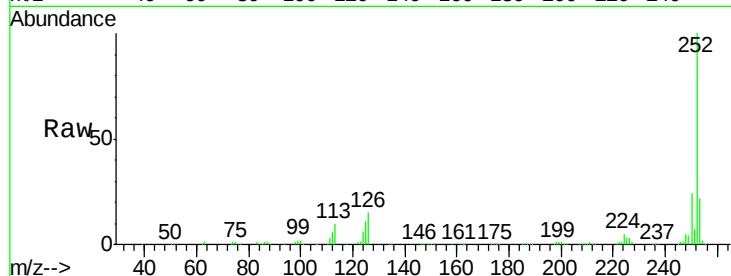
#89
Benzo(a)pyrene
Concen: 37.57 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB84929BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	429108		
253	21.8	16.9	25.3	
125	11.4	5.8	8.8#	

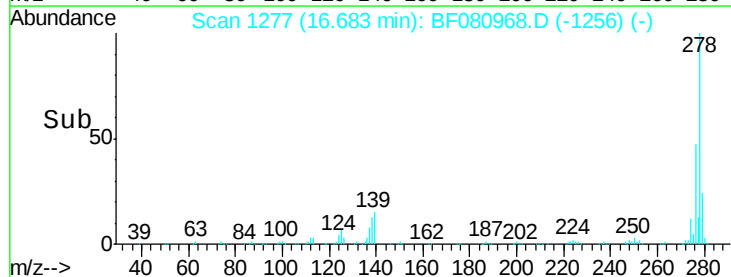
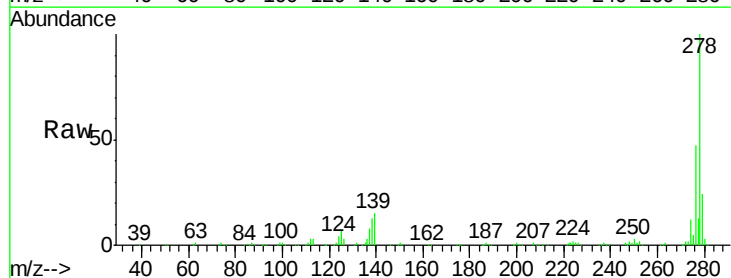
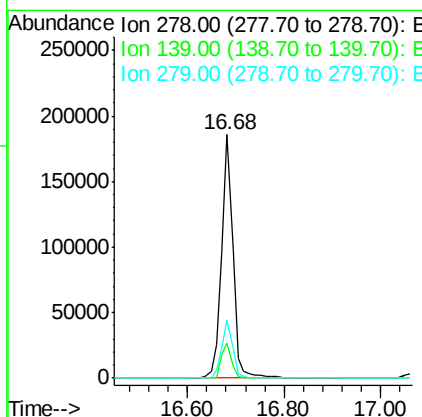
Manual Integrations
APPROVED

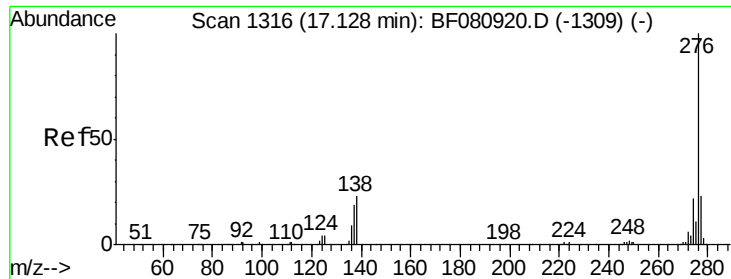
apatel
8/12/2015 8:34:01 AM



#90
Dibenzo(a,h)anthracene
Concen: 30.37 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF080968.D
Acq: 11 Aug 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	306720		
139	14.6	11.9	17.9	
279	23.7	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 31.05 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080968.D
 Acq: 11 Aug 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.6	28.0
138	19.0	18.4	27.6

Manual Integrations
 APPROVED

apatel
 8/12/2015 8:34:01 AM

