

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083953.D
 Acq On : 19 Dec 2015 14:39
 Operator : UM/SJ
 Sample : PB87185BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:00:08 PM

Quant Time: Dec 21 03:11:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	57932	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	223815	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	111649	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	206234	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	169462	20.00	ng	-0.02
86) Perylene-d12	15.44	264	120408	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	389813	105.30	ng	-0.01
7) Phenol-d6	6.50	99	476706	105.21	ng	-0.01
23) Nitrobenzene-d5	7.41	82	305306	77.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	154419	125.54	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	662882	83.07	ng	-0.03
78) Terphenyl-d14	12.96	244	677184	94.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	45141	28.11	ng	97
3) Pyridine	3.24	79	135162	34.04	ng	100
4) n-Nitrosodimethylamine	3.20	42	58613	38.70	ng	99
6) Aniline	6.51	93	125759	21.55	ng	# 19
8) 2-Chlorophenol	6.64	128	161733	36.71	ng	94
9) Benzaldehyde	6.40	77	47009	17.22	ng	96
10) Phenol	6.51	94	167579	33.15	ng	80
11) bis(2-Chloroethyl)ether	6.59	93	145965	38.00	ng	99
12) 1,3-Dichlorobenzene	6.80	146	167382	35.33	ng	96
13) 1,4-Dichlorobenzene	6.86	146	172646	35.69	ng	96
14) 1,2-Dichlorobenzene	7.02	146	170018	43.50	ng	96
15) Benzyl Alcohol	7.00	79	143937	41.98	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	143204	36.16	ng	72
17) 2-Methylphenol	7.12	107	129573	37.49	ng	93
18) Hexachloroethane	7.37	117	64853	36.54	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	101042	38.25	ng	# 86
20) 3+4-Methylphenols	7.28	107	170672	42.03	ng	# 49
22) Acetophenone	7.26	105	223479	41.47	ng	# 95
24) Nitrobenzene	7.44	77	170965	42.16	ng	95
25) Isophorone	7.68	82	291555	39.51	ng	98
26) 2-Nitrophenol	7.76	139	89956	42.85	ng	97
27) 2,4-Dimethylphenol	7.80	122	160998	44.52	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	168553	38.62	ng	99
29) 2,4-Dichlorophenol	8.00	162	132710	40.45	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	135782	38.54	ng	97
31) Naphthalene	8.16	128	464996	41.05	ng	100
32) Benzoic acid	7.93	122	70634	51.52	ng	98
33) 4-Chloroaniline	8.20	127	81954	16.13	ng	97
34) Hexachlorobutadiene	8.28	225	84353	38.34	ng	99
35) Caprolactam	8.58	113	44237m	40.81	ng	
36) 4-Chloro-3-methylphenol	8.70	107	169116	45.70	ng	99
37) 2-Methylnaphthalene	8.85	142	334780	43.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	129737	36.85	ng	99
40) Hexachlorocyclopentadiene	9.00	237	77292	67.32	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083953.D
 Acq On : 19 Dec 2015 14:39
 Operator : UM/SJ
 Sample : PB87185BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:00:08 PM

Quant Time: Dec 21 03:11:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	87345	37.58	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	93579	40.68	nq #	81
45) 1,1'-Biphenyl	9.31	154	383470	40.77	nq	99
46) 2-Chloronaphthalene	9.33	162	282666	38.27	nq	99
47) 2-Nitroaniline	9.44	65	92323	41.81	nq #	65
48) Acenaphthylene	9.76	152	507312	38.98	nq	99
49) Dimethylphthalate	9.62	163	393661	42.02	nq #	91
50) 2,6-Dinitrotoluene	9.68	165	83412	40.82	nq #	78
51) Acenaphthene	9.93	154	335121	41.87	nq	100
52) 3-Nitroaniline	9.85	138	48579	22.55	nq #	69
53) 2,4-Dinitrophenol	9.96	184	58791	80.11	nq #	85
54) Dibenzofuran	10.10	168	450751	43.37	nq	99
55) 4-Nitrophenol	10.02	139	99314	73.85	nq #	77
56) 2,4-Dinitrotoluene	10.09	165	111245	42.47	nq #	77
57) Fluorene	10.44	166	343064	43.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	73668	43.29	nq	96
59) Diethylphthalate	10.32	149	397626	41.05	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	160964	40.41	nq	96
61) 4-Nitroaniline	10.46	138	79101	35.49	nq	85
62) Azobenzene	10.59	77	361473	44.52	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	48393	38.99	nq #	60
65) n-Nitrosodiphenylamine	10.54	169	288909	38.50	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	94522	37.49	nq	97
67) Hexachlorobenzene	10.99	284	109881	41.39	nq	95
68) Atrazine	11.08	200	99037	41.66	nq	92
69) Pentachlorophenol	11.18	266	92461	81.95	nq	97
70) Phenanthrene	11.40	178	505910	40.60	nq	100
71) Anthracene	11.45	178	471016	39.11	nq	100
72) Carbazole	11.61	167	473055	39.75	nq	98
73) Di-n-butylphthalate	11.94	149	620707	44.39	nq	100
74) Fluoranthene	12.58	202	471219	37.90	nq	99
76) Benzidine	12.69	184	147742	21.77	nq	99
77) Pyrene	12.81	202	480510	44.55	nq	99
79) Butylbenzylphthalate	13.43	149	248876	44.12	nq	97
80) Benzo(a)anthracene	14.00	228	405528	38.92	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	88217	22.65	nq #	96
82) Chrysene	14.03	228	351509	34.92	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	337660	44.83	nq	100
84) Di-n-octyl phthalate	14.59	149	564482	47.89	nq	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	325222	43.21	nq	100
87) Benzo(b)fluoranthene	15.03	252	427104m	48.65	nq	
88) Benzo(k)fluoranthene	15.06	252	249624m	34.47	nq	
89) Benzo(a)pyrene	15.38	252	306880	42.33	nq #	97
90) Dibenzo(a,h)anthracene	16.87	278	273814	48.55	nq #	95
91) Benzo(g,h,i)perylene	17.28	276	271873	49.19	nq	99

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

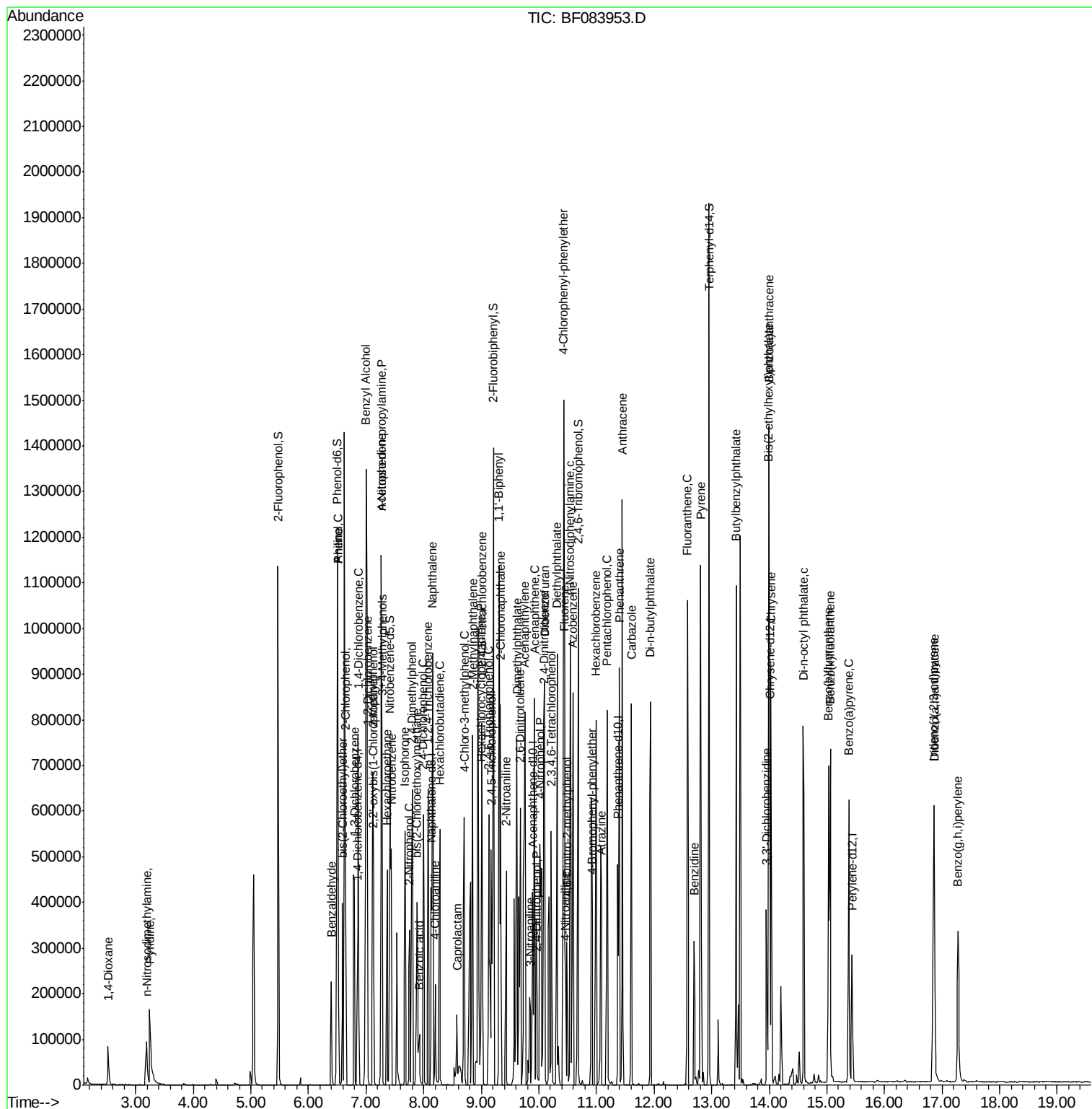
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083953.D
 Acq On : 19 Dec 2015 14:39
 Operator : UM/SJ
 Sample : PB87185BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

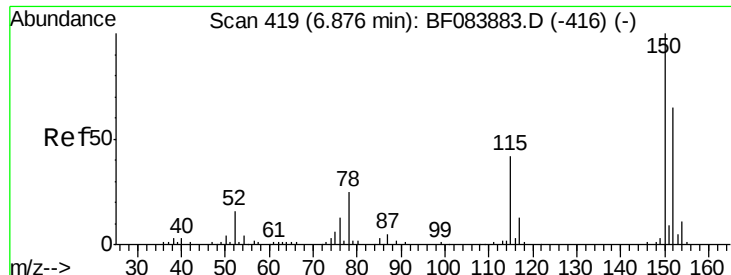
Instrument :
 BNA_F
 ClientSampled :
 PB87185BS

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:00:08 PM

Quant Time: Dec 21 03:11:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tot Ion:152 Resp: 57932

Ion Ratio Lower Upper

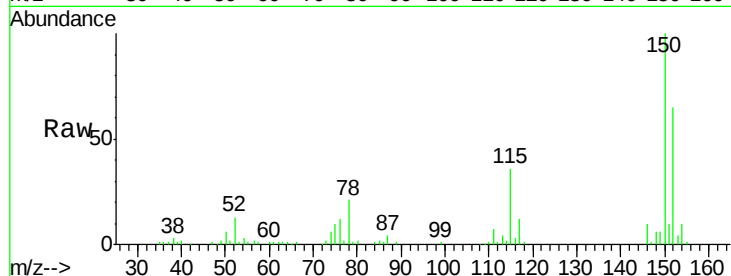
152 100

150 153.1 123.0 184.4

115 55.4 51.4 77.2

Manual Integrations
APPROVED

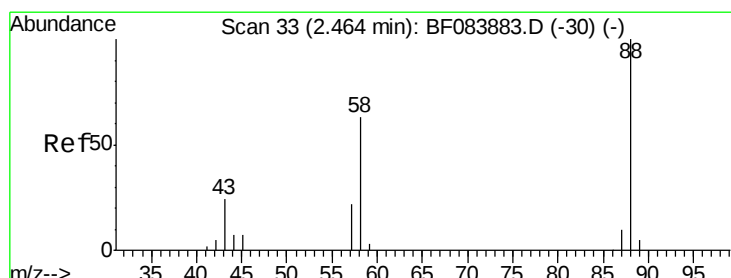
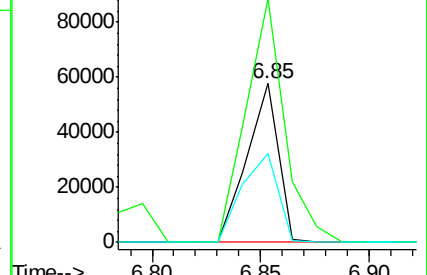
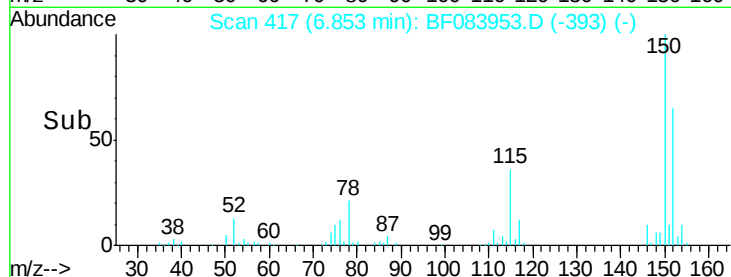
apatel
12/22/2015 12:00:08 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.11 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

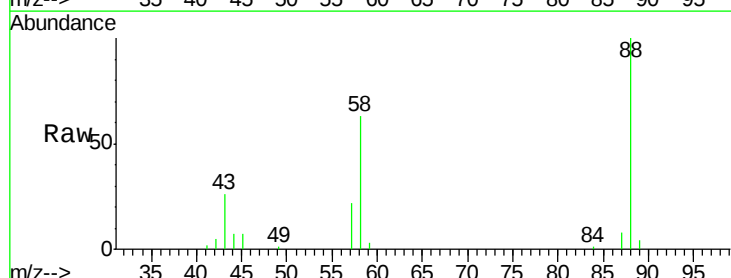
Tgt Ion: 88 Resp: 45141

Ion Ratio Lower Upper

88 100

58 64.7 51.2 76.8

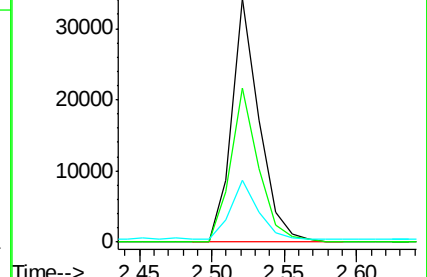
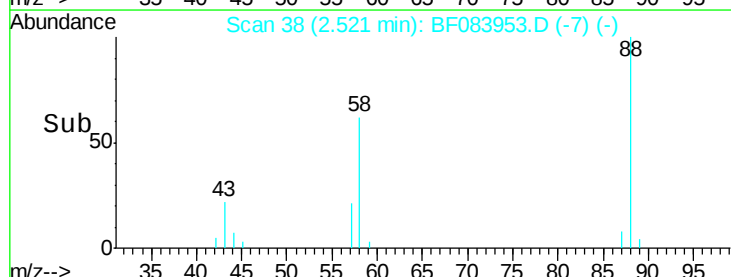
43 27.9 19.5 29.3

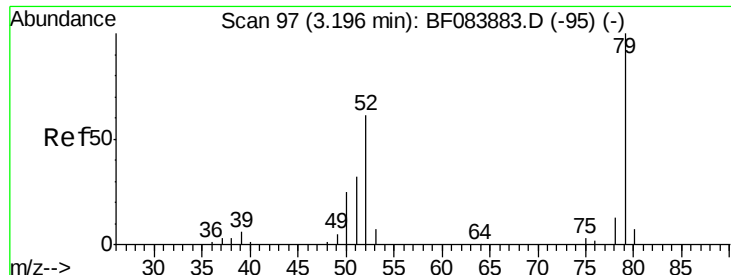


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





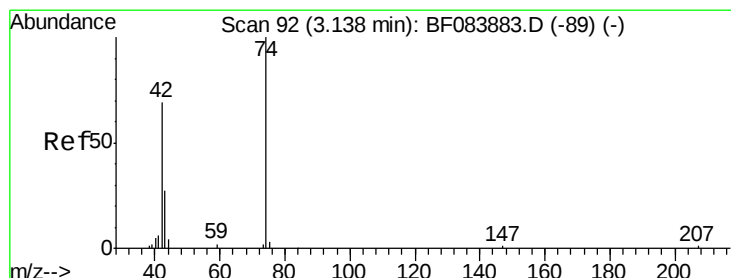
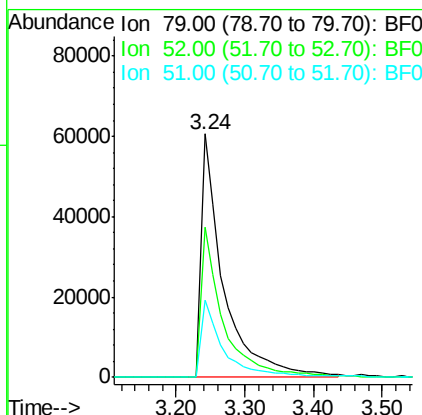
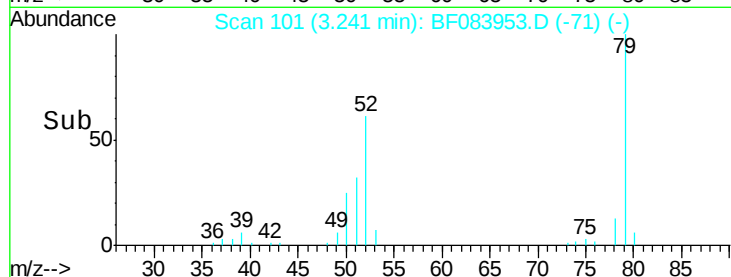
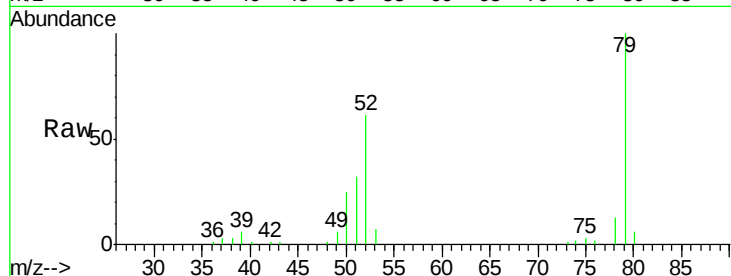
#3
Pvridine
Concen: 34.04 ng
RT: 3.24 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.4	49.0	73.4
51	32.0	25.2	37.8

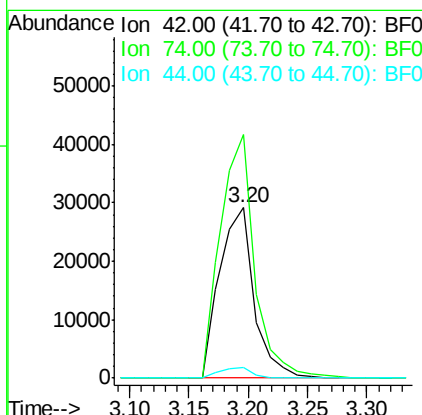
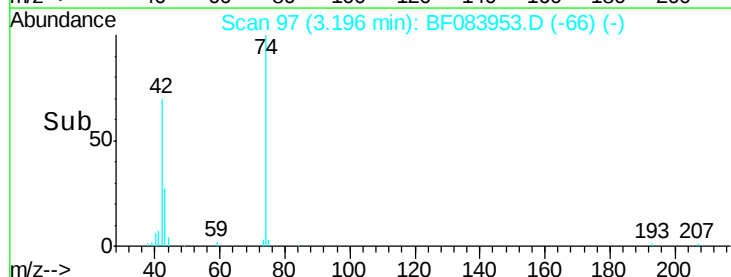
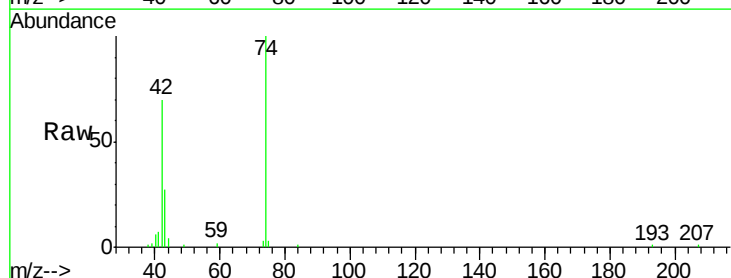
Manual Integrations
APPROVED

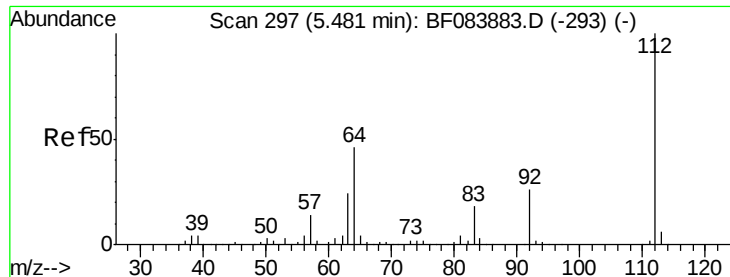
apatel
12/22/2015 12:00:08 PM



#4
n-Nitrosodimethylamine
Concen: 38.70 ng
RT: 3.20 min Scan# 97
Delta R.T. 0.06 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.8	115.7	173.5
44	5.9	5.1	7.7





#5

2-Fluorophenol

Concen: 105.30 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

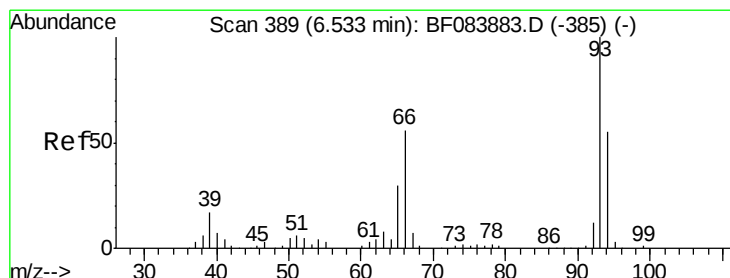
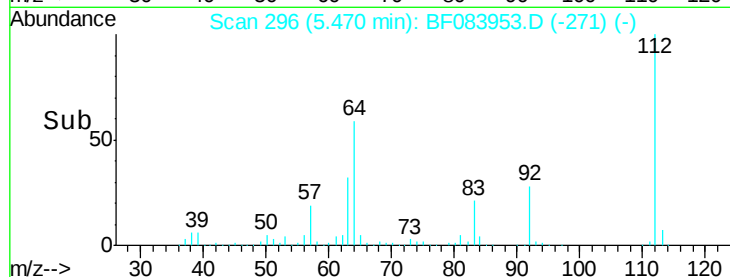
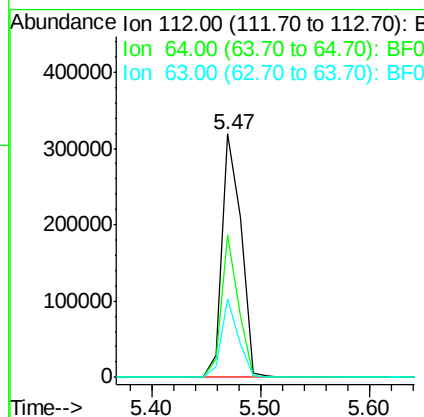
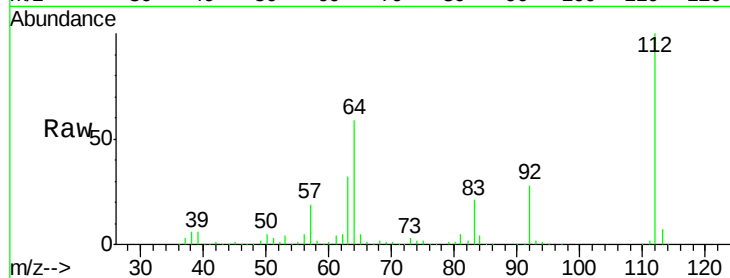
ClientSampleId :

PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		389813		
64	58.5	36.6	55.0#		
63	32.3	19.4	29.0#		

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#6

Aniline

Concen: 21.55 ng

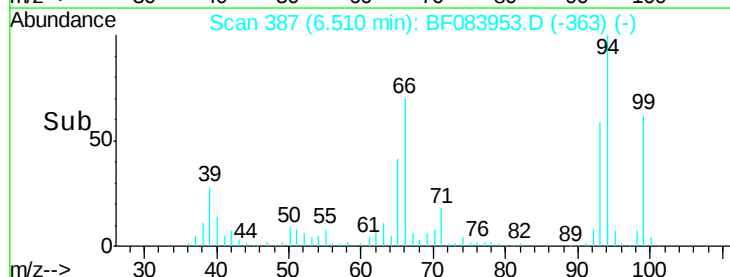
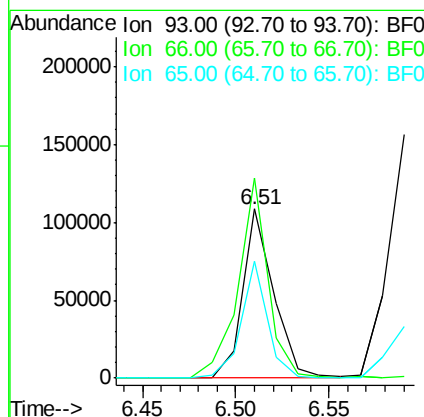
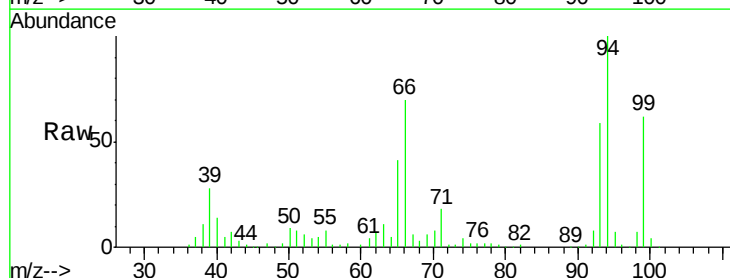
RT: 6.51 min Scan# 387

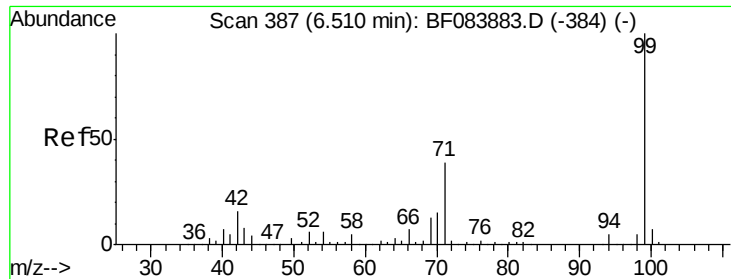
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		125759		
66	118.2	44.9	67.3#		
65	69.1	23.7	35.5#		





#7

Phenol-d6

Concen: 105.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

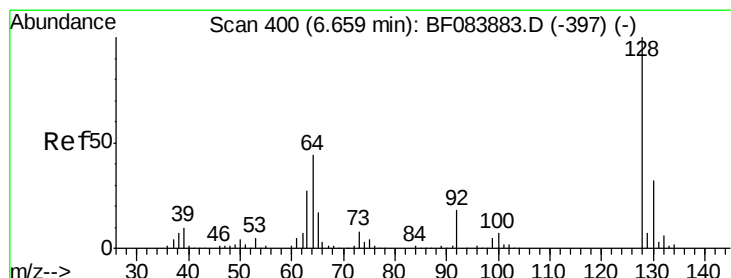
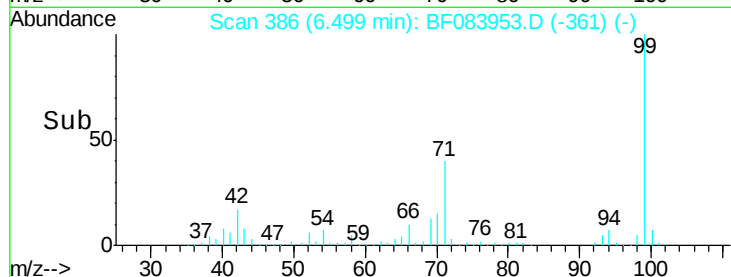
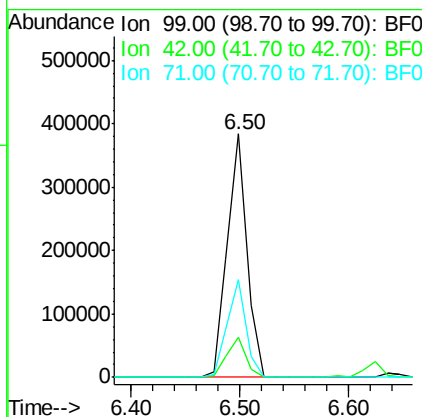
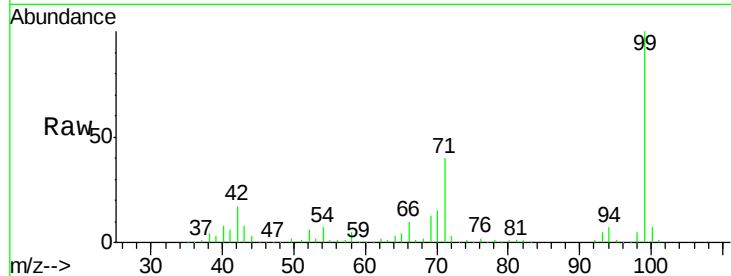
ClientSampleId :

PB87185BS

Tot Ion:	99	Resp:	476706
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.8	19.2
71	40.0	30.9	46.3

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#8

2-Chlorophenol

Concen: 36.71 ng

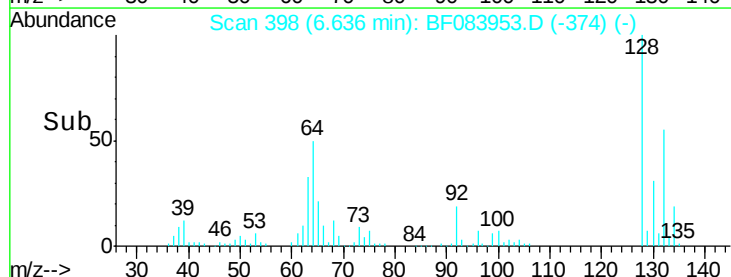
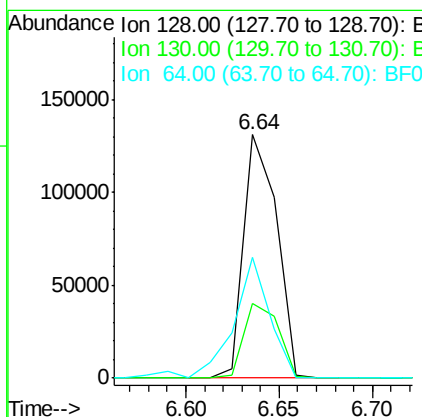
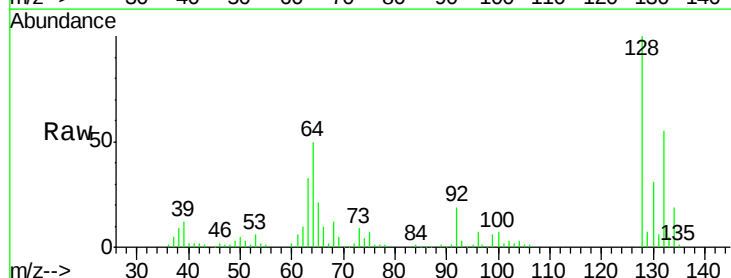
RT: 6.64 min Scan# 398

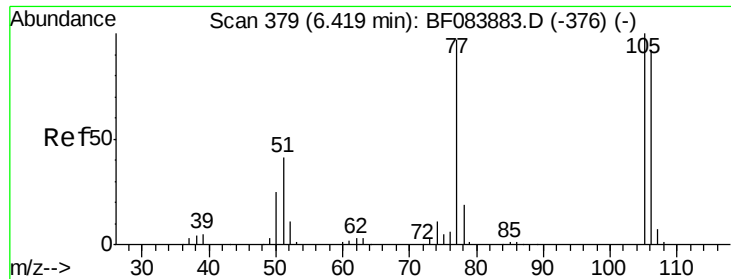
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	128	Resp:	161733
Ion Ratio	Lower	Upper	
128	100		
130	30.7	11.6	51.6
64	49.5	23.8	63.8





#9

Benzaldehyde

Concen: 17.22 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tot Ion: 77 Resp: 47009

Ion Ratio Lower Upper

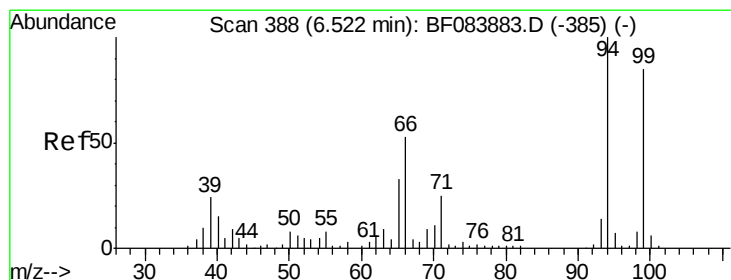
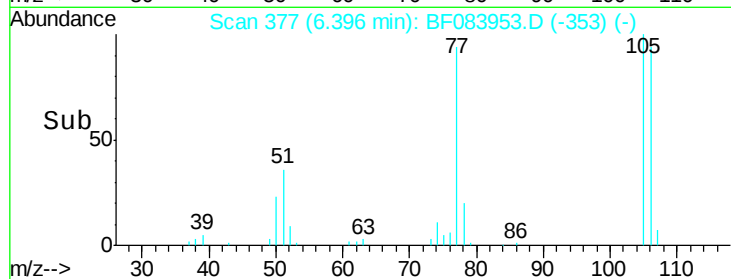
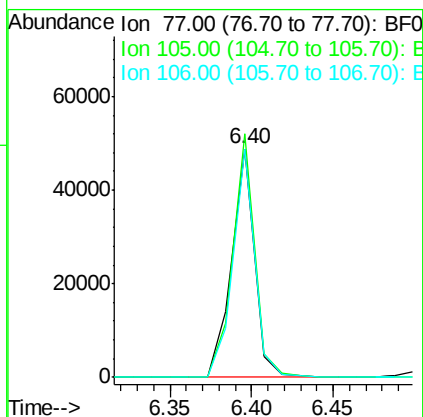
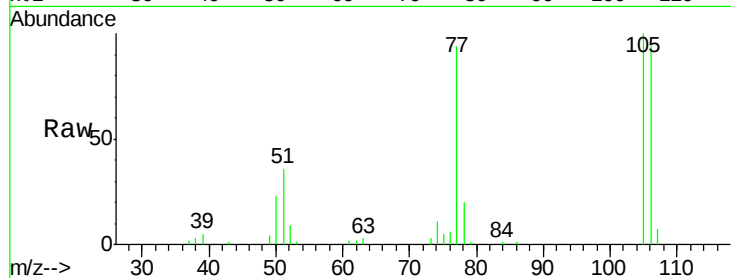
77 100

105 106.5 83.0 123.0

106 100.0 74.6 114.6

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#10

Phenol

Concen: 33.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

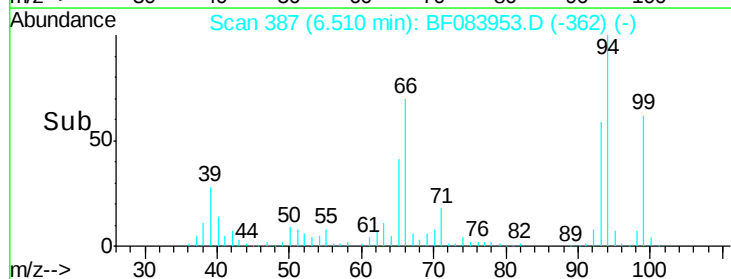
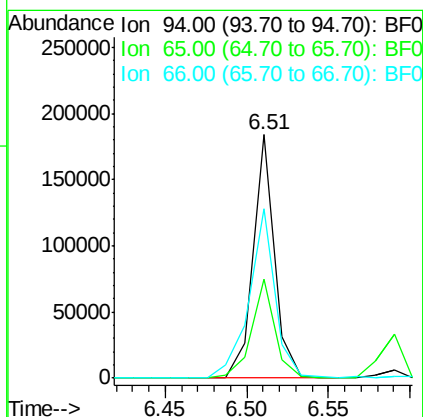
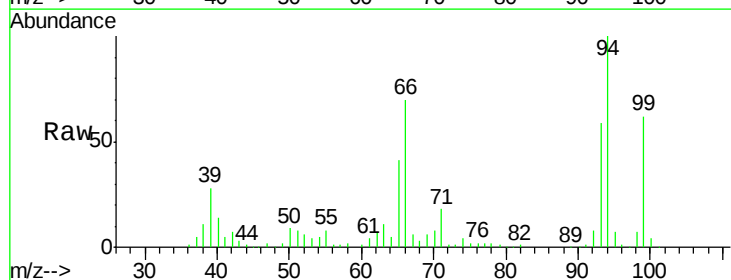
Tgt Ion: 94 Resp: 167579

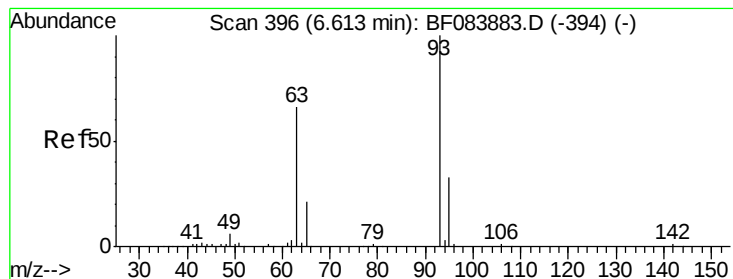
Ion Ratio Lower Upper

94 100

65 40.7 12.9 52.9

66 69.6 32.7 72.7





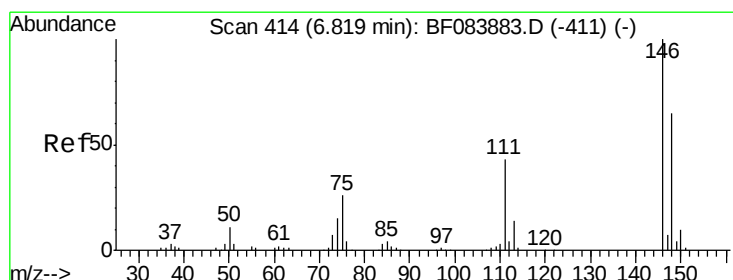
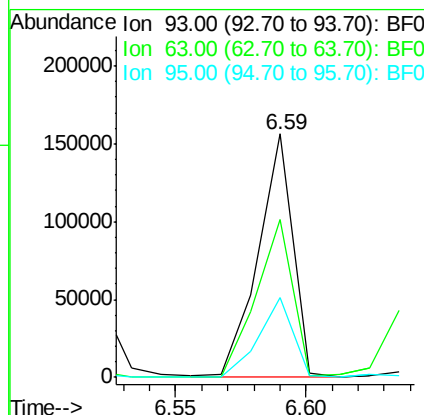
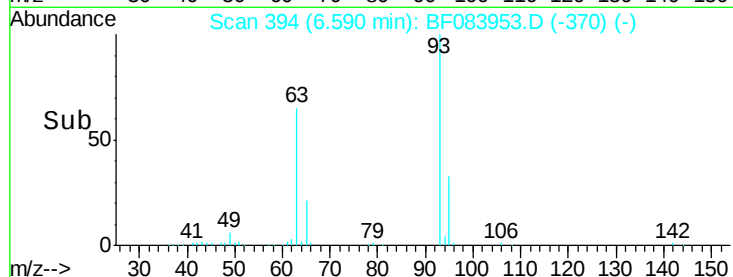
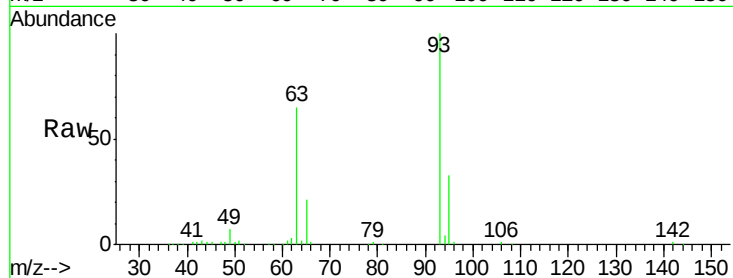
#11
bis(2-Chloroethyl)ether
Concen: 38.00 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		145965		
63	64.8	45.9	85.9		
95	32.9	12.3	52.3		

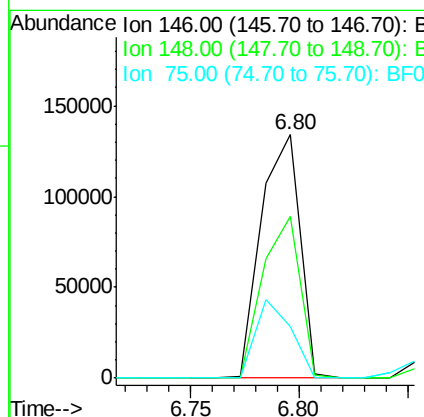
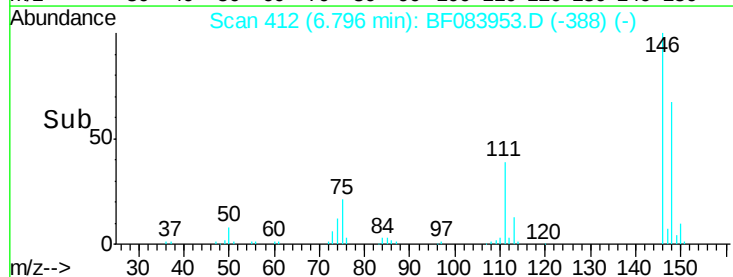
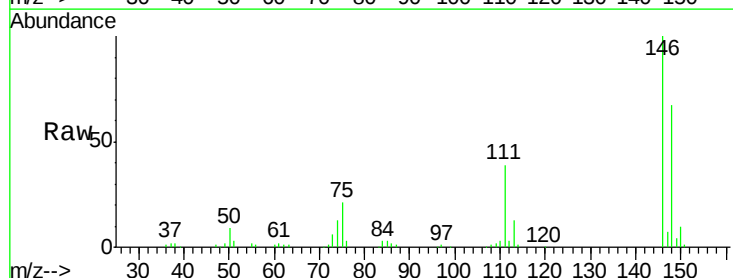
Manual Integrations
APPROVED

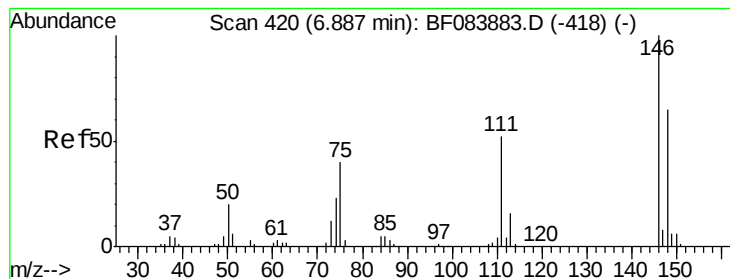
apatel
12/22/2015 12:00:08 PM



#12
1,3-Dichlorobenzene
Concen: 35.33 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		167382		
148	66.6	51.9	77.9		
75	21.2	20.5	30.7		





#13

1,4-Dichlorobenzene

Concen: 35.69 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

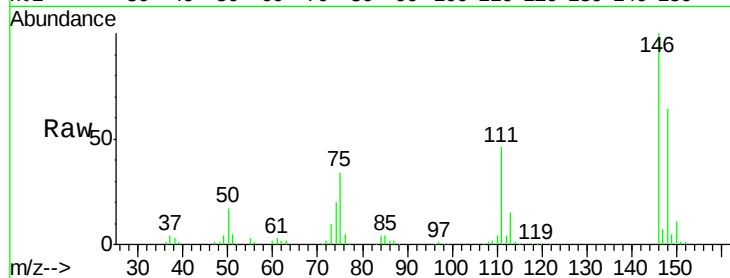
ClientSampleId :

PB87185BS

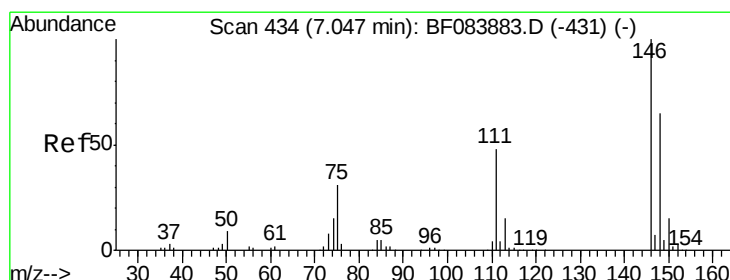
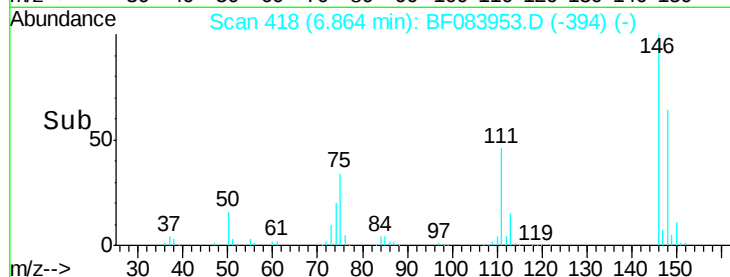
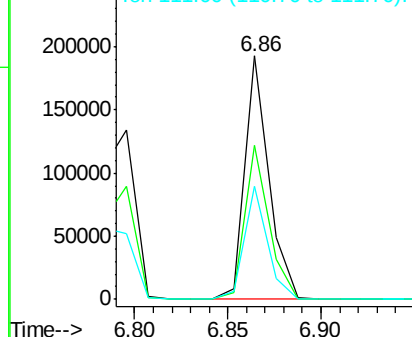
Tot Ion:	146	Resp:	172646
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
111	46.5	41.6	62.4

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.50 ng

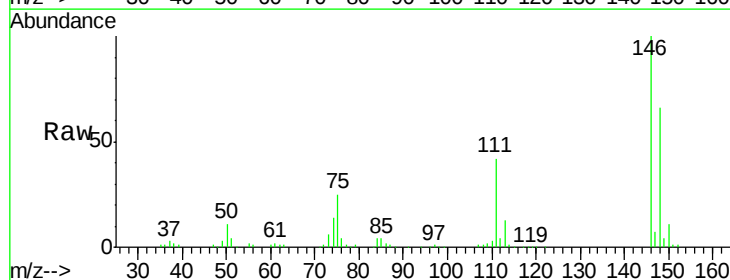
RT: 7.02 min Scan# 432

Delta R.T. -0.02 min

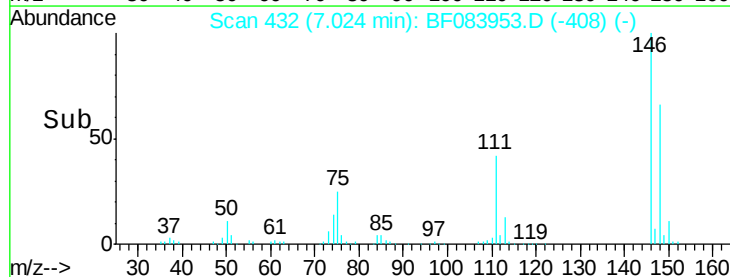
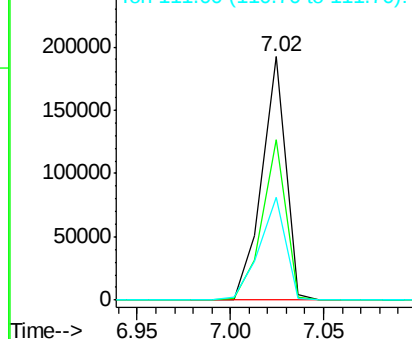
Lab File: BF083953.D

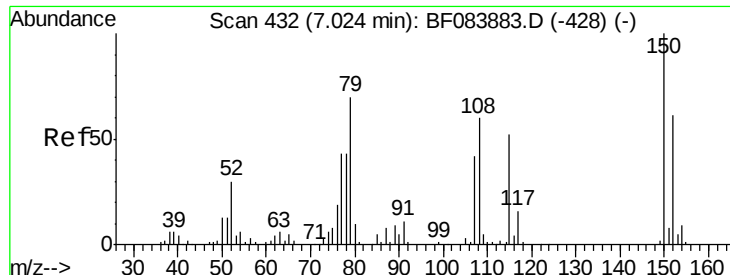
Acq: 19 Dec 2015 14:39

Tgt Ion:	146	Resp:	170018
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.6	77.4
111	42.1	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





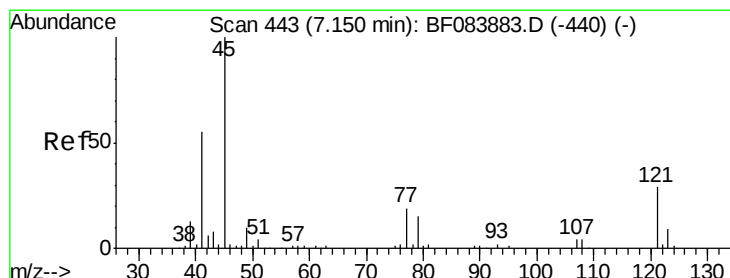
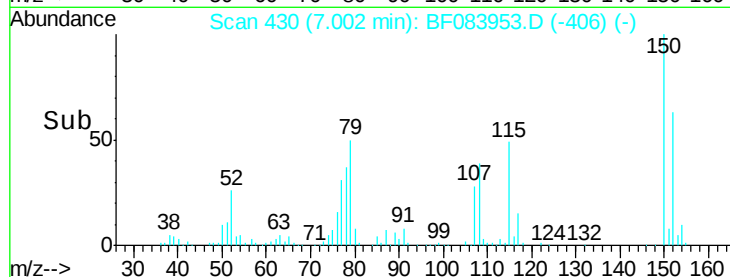
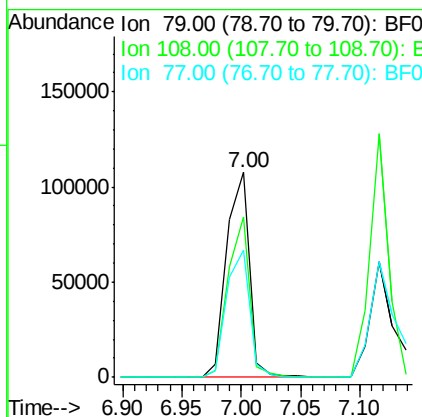
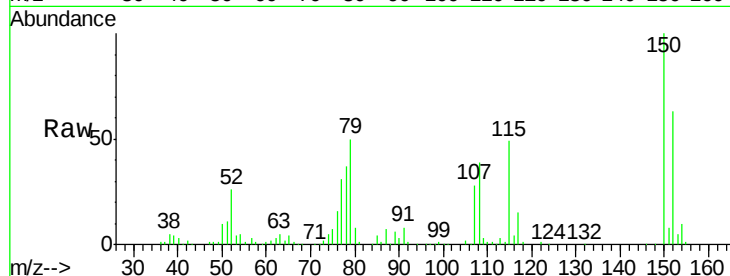
#15
Benzyl Alcohol
Concen: 41.98 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	69.0	103.4
77	62.0	50.0	75.0

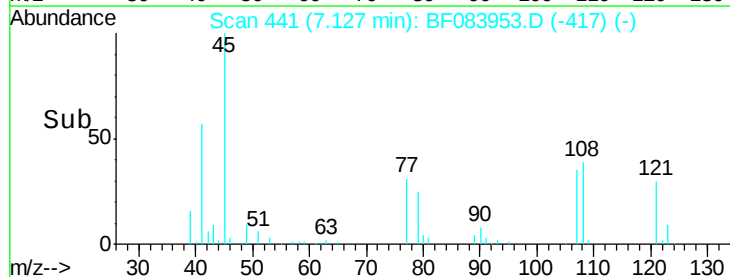
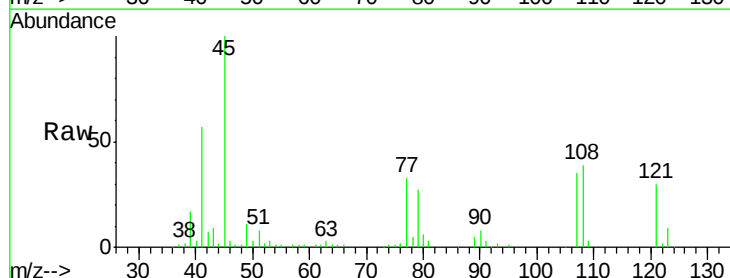
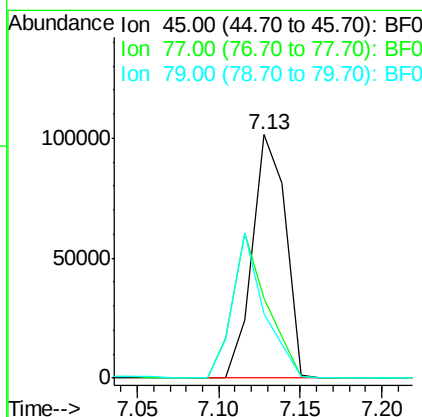
Manual Integrations
APPROVED

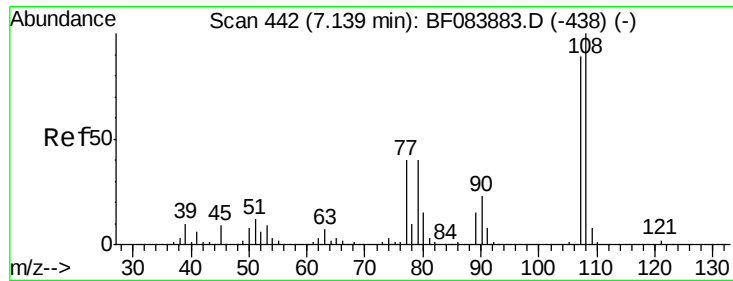
apatel
12/22/2015 12:00:08 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.16 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.7	0.0	39.6
79	26.6	0.0	35.0





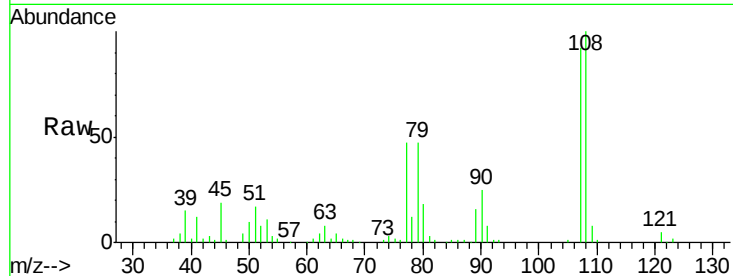
#17
2-Methylphenol
Concen: 37.49 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

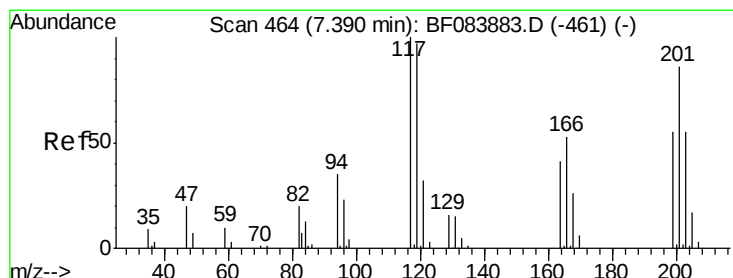
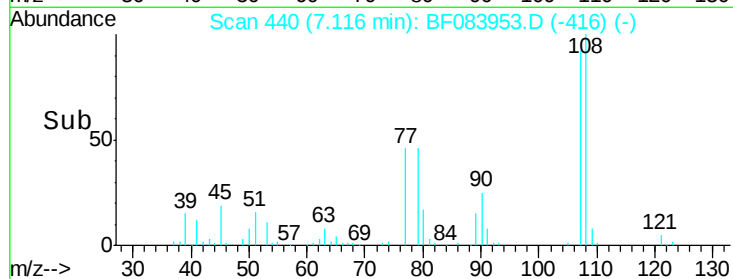
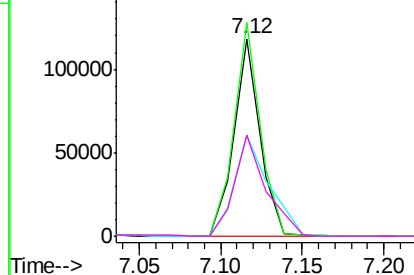
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	89.8	134.6	
77	51.3	35.7	53.5	
79	51.3	35.7	53.5	

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM

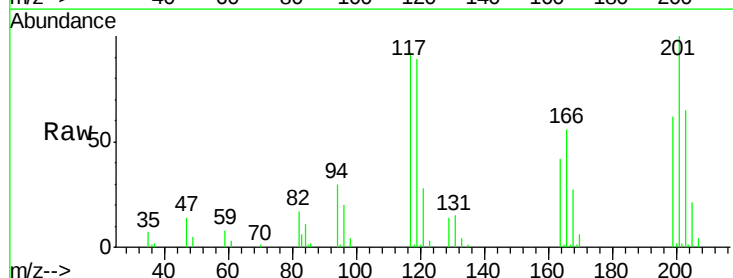


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
150000
Ion 77.00 (76.70 to 77.70): BF0
100000
Ion 79.00 (78.70 to 79.70): BF0
50000
0

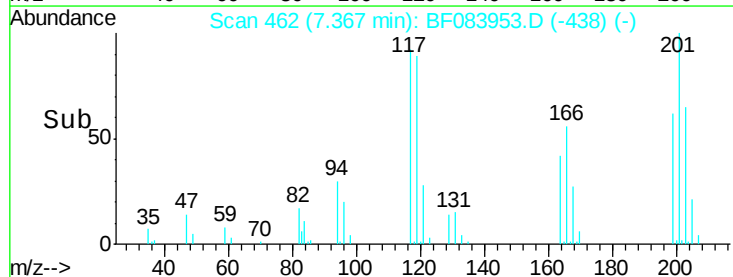
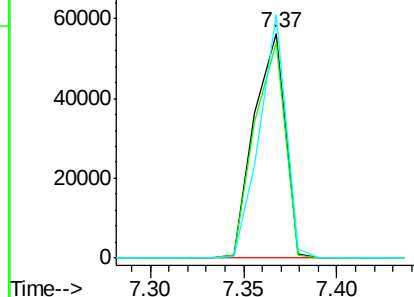


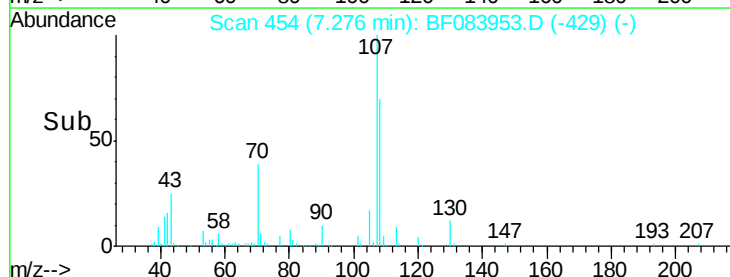
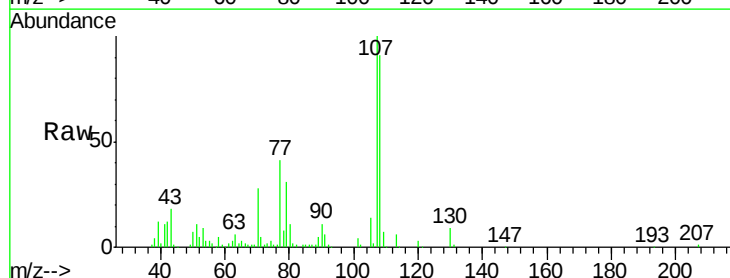
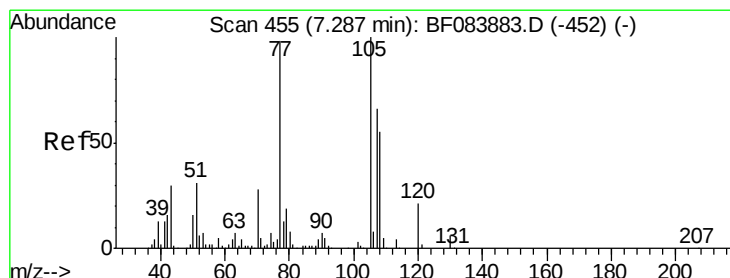
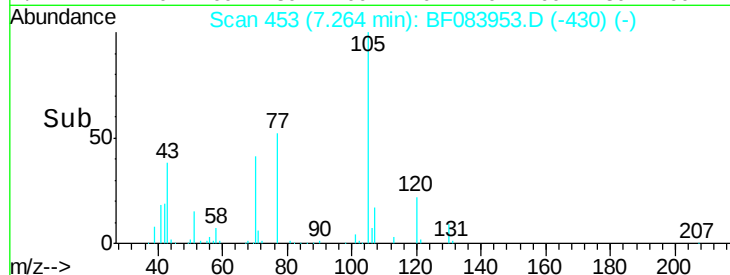
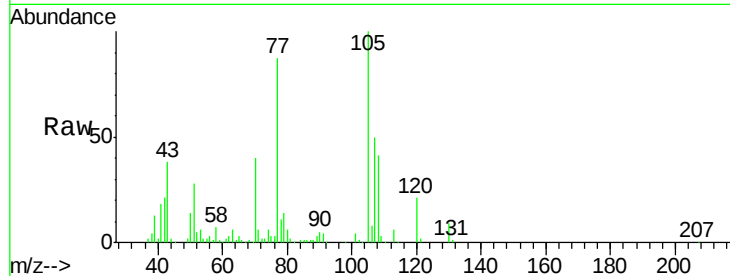
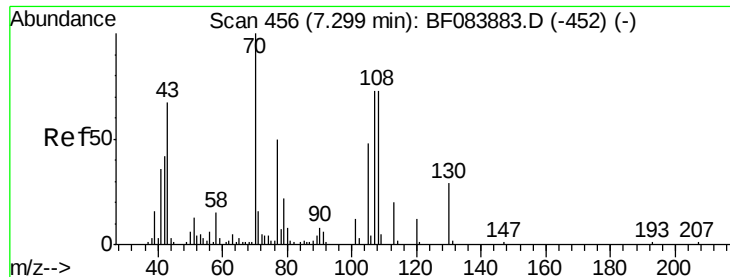
#18
Hexachloroethane
Concen: 36.54 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.0	
201	108.5	68.6	103.0	



Abundance Ion 117.00 (116.70 to 117.70): E
80000
Ion 119.00 (118.70 to 119.70): E
60000
Ion 201.00 (200.70 to 201.70): E
40000
20000
0





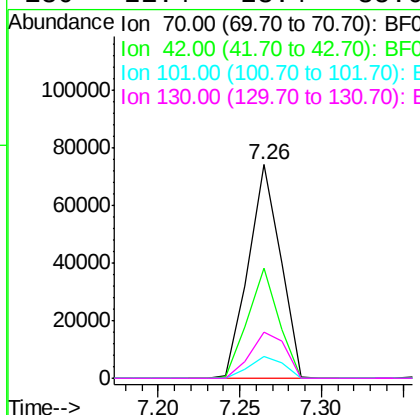
#19
n-Nitroso-di-n-propylamine
Concen: 38.25 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.6	33.3	49.9#		
101	10.5	9.3	13.9		
130	21.4	23.4	35.0#		

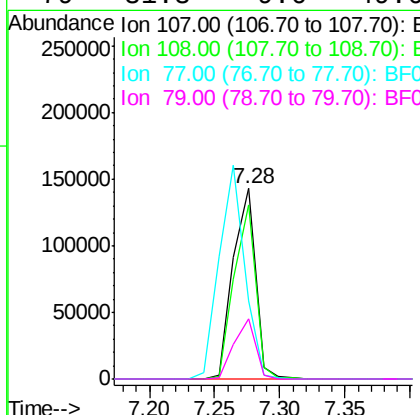
Manual Integrations
APPROVED

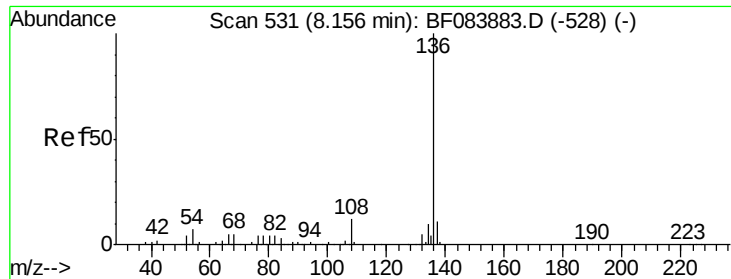
apatel
12/22/2015 12:00:08 PM



#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.2	64.1	104.1		
77	40.7	128.9	168.9#		
79	31.3	9.6	49.6		





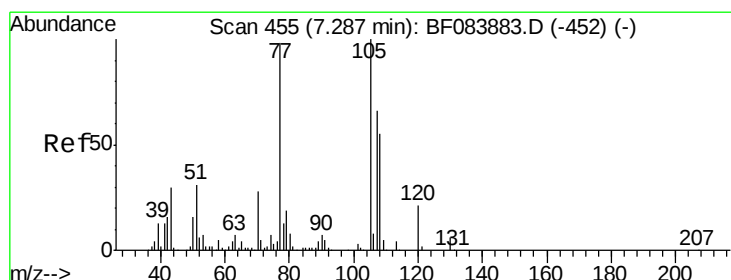
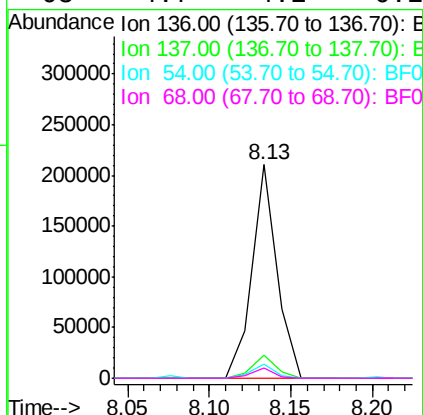
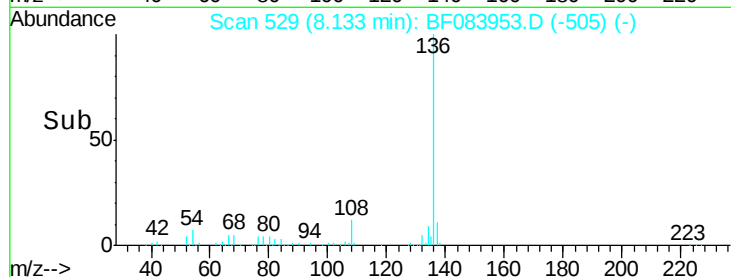
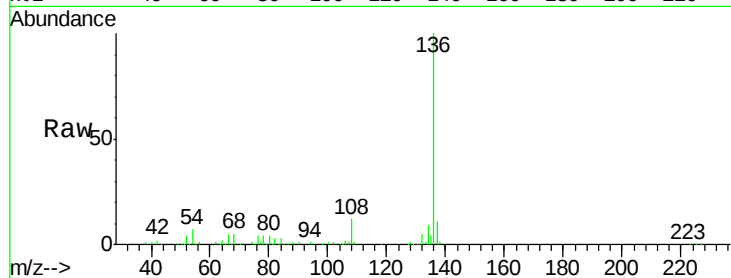
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		223815		
137	10.8		8.7	13.1	
54	6.6		5.8	8.8	
68	4.7		4.2	6.2	

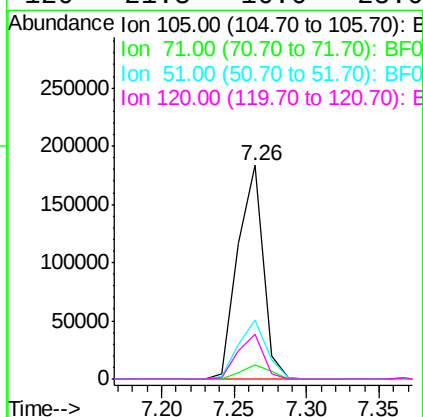
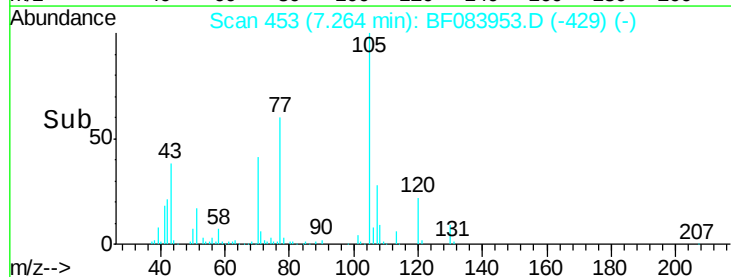
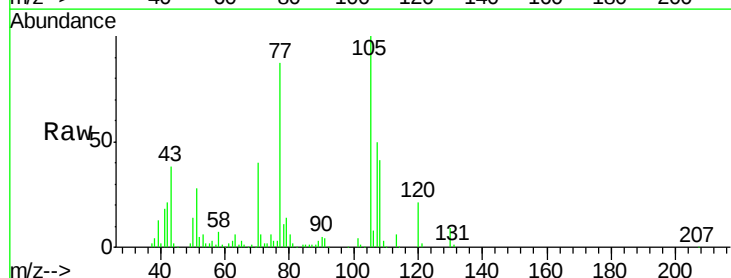
Manual Integrations
APPROVED

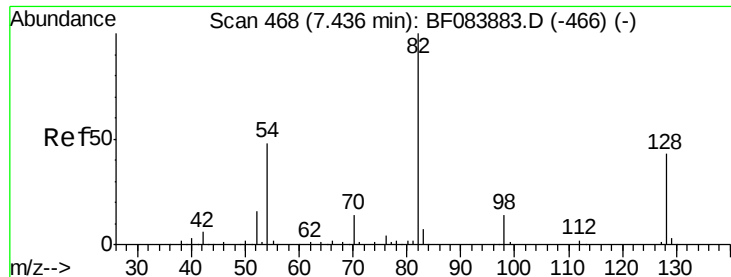
apatel
12/22/2015 12:00:08 PM



#22
Acetophenone
Concen: 41.47 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		223479		
71	6.4		3.7	5.5#	
51	27.6		25.1	37.7	
120	21.3		16.6	25.0	





#23

Nitrobenzene-d5

Concen: 77.85 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

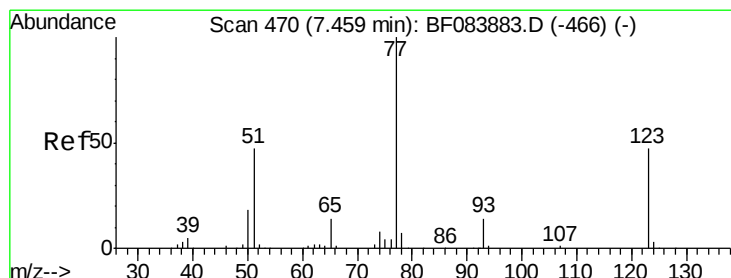
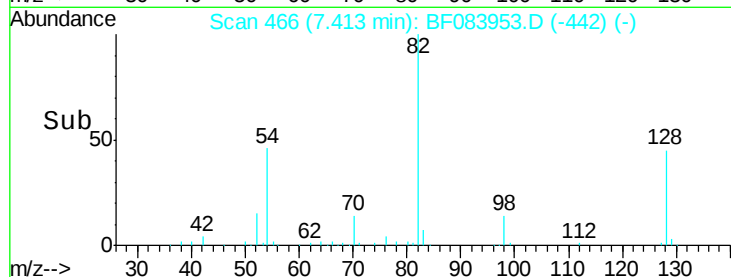
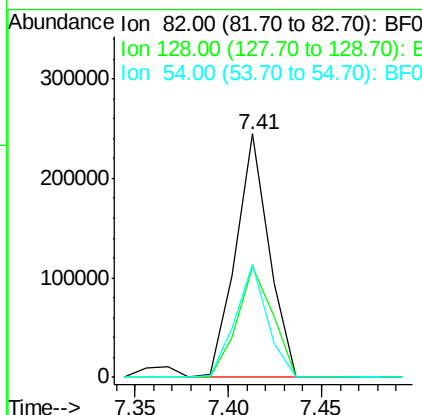
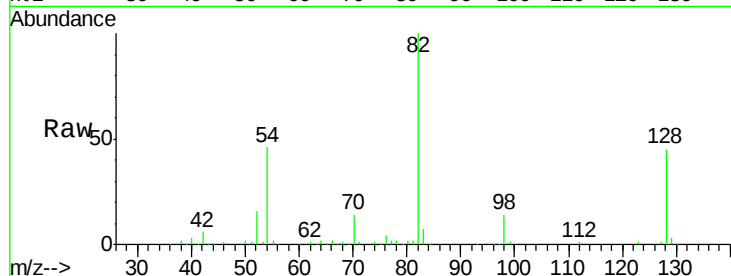
ClientSampleId :

PB87185BS

Tot Ion:	82	Resp:	305306
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.6	51.8
54	46.5	38.4	57.6

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#24

Nitrobenzene

Concen: 42.16 ng

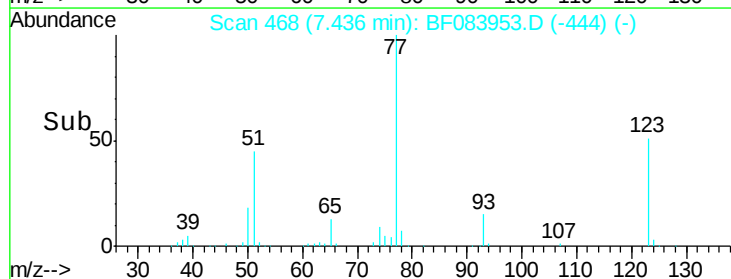
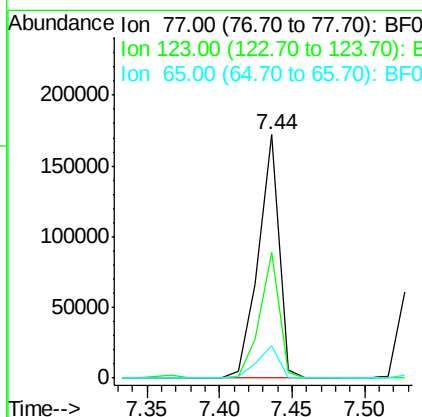
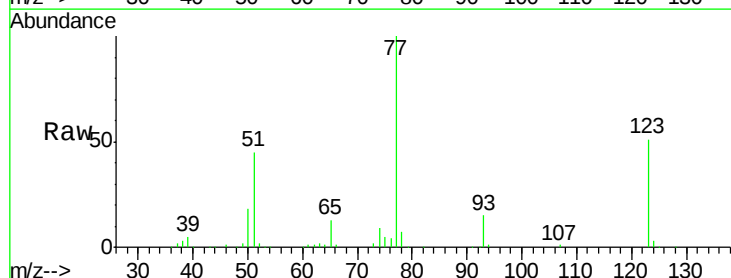
RT: 7.44 min Scan# 468

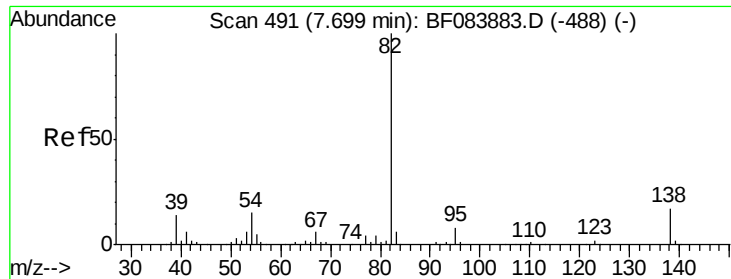
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	77	Resp:	170965
Ion Ratio	Lower	Upper	
77	100		
123	51.5	37.4	56.2
65	13.5	10.9	16.3





#25

Isophorone

Concen: 39.51 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

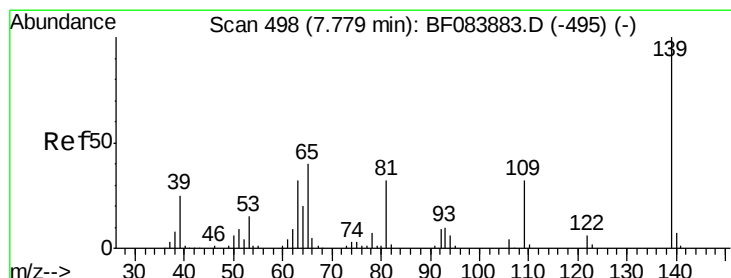
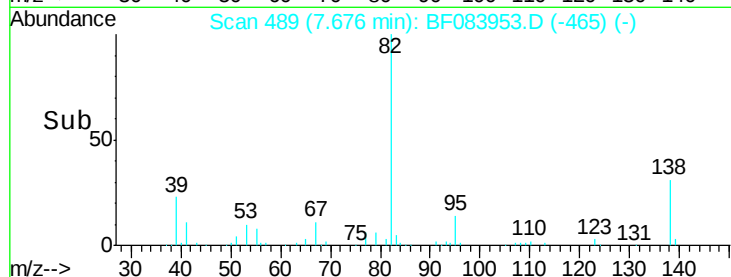
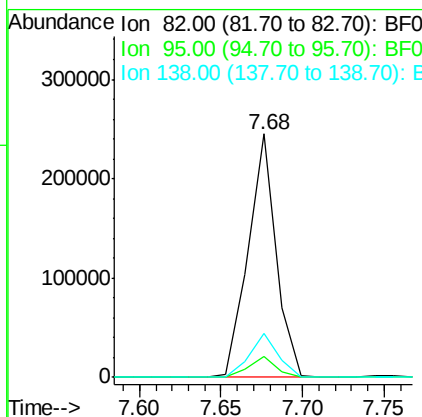
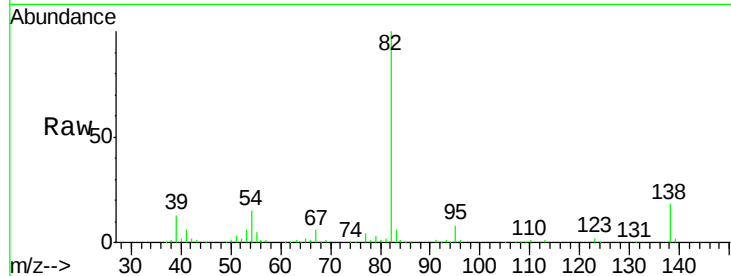
ClientSampleId :

PB87185BS

Tot Ion:	82	Resp:	291555
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.6	10.0
138	18.0	13.6	20.4

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#26

2-Nitrophenol

Concen: 42.85 ng

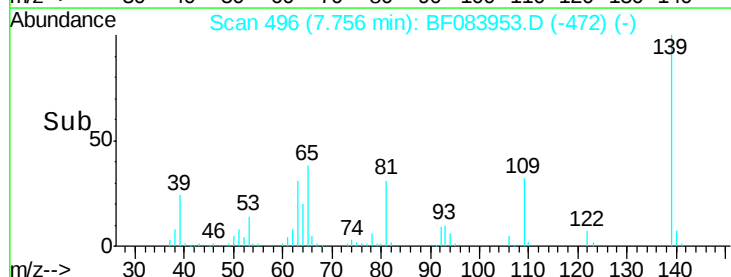
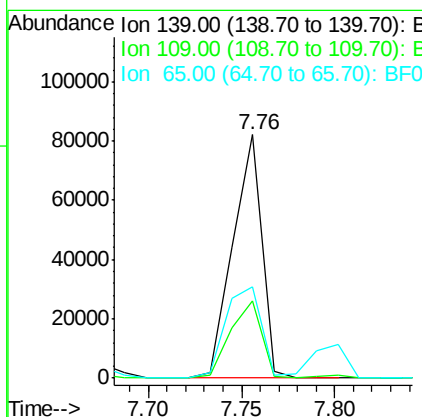
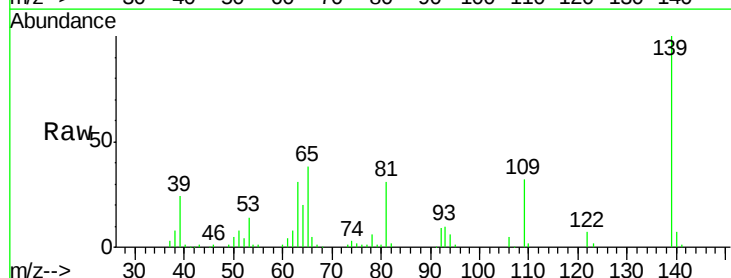
RT: 7.76 min Scan# 496

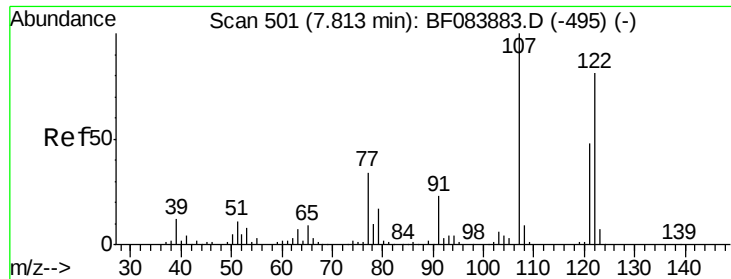
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	139	Resp:	89956
Ion Ratio		Lower	Upper
139	100		
109	31.9	25.4	38.2
65	37.5	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 44.52 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

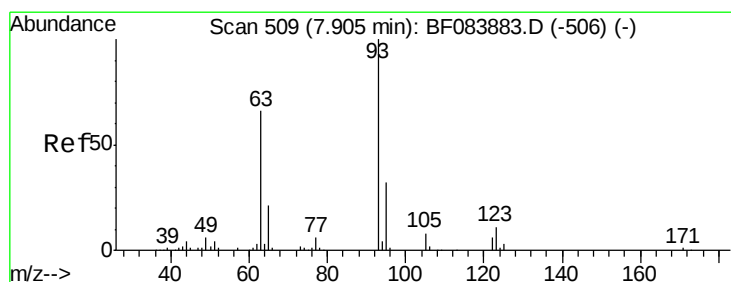
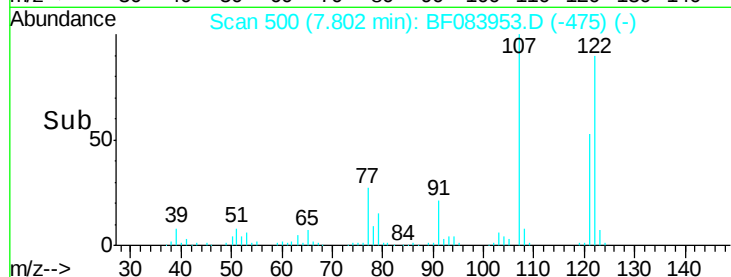
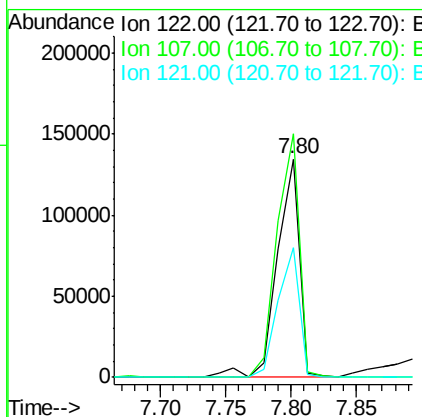
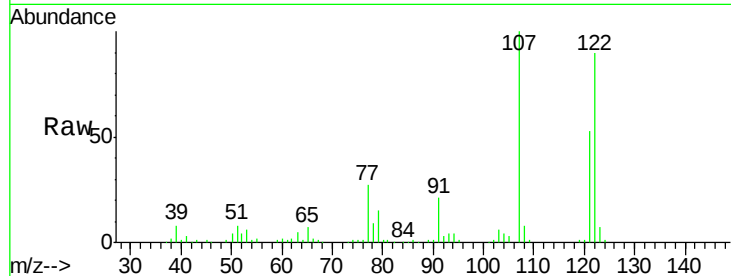
ClientSampleId :

PB87185BS

Tot Ion:	122	Resp:	160998
Ion Ratio	Lower	Upper	
122	100		
107	111.7	99.1	148.7
121	59.7	47.9	71.9

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.62 ng

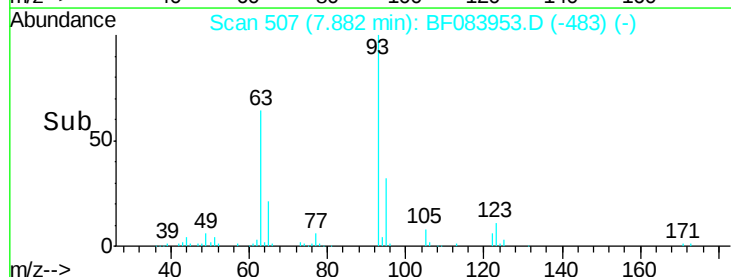
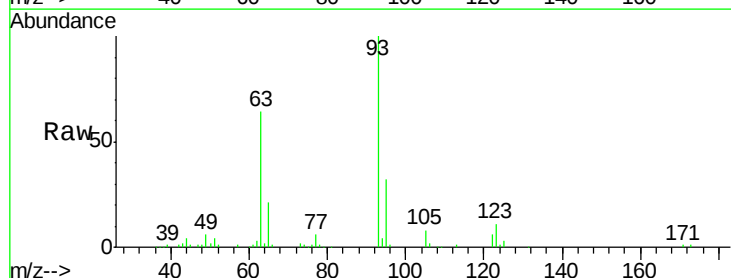
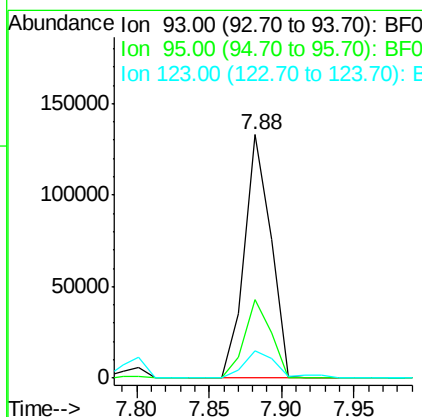
RT: 7.88 min Scan# 507

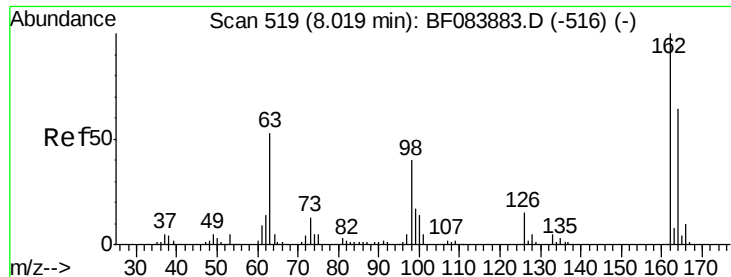
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	93	Resp:	168553
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.6
123	11.1	8.6	12.8





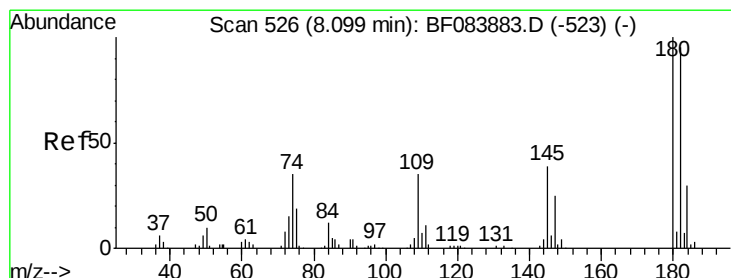
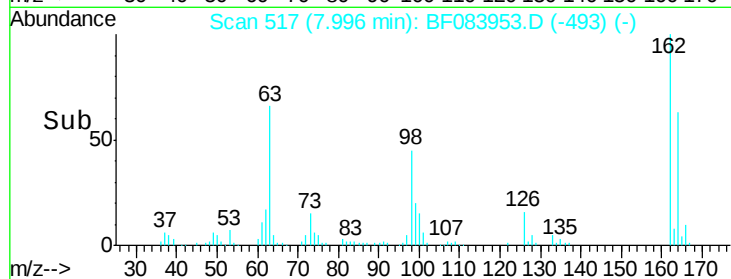
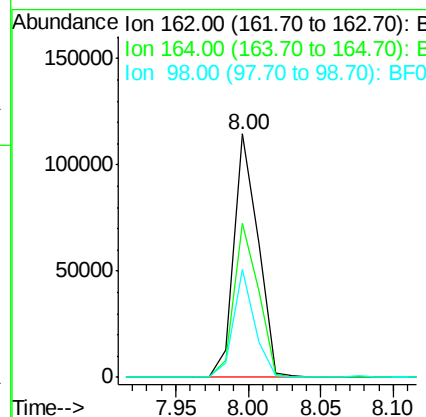
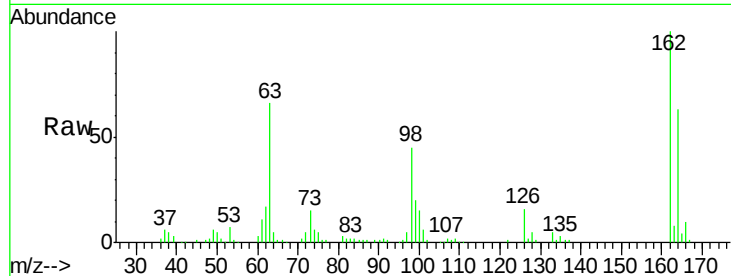
#29
2,4-Dichlorophenol
Concen: 40.45 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.1	84.1
98	44.6	20.2	60.2

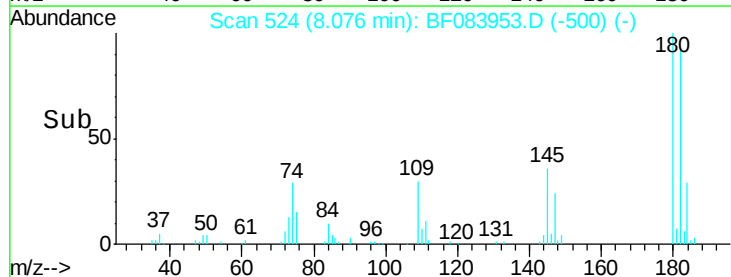
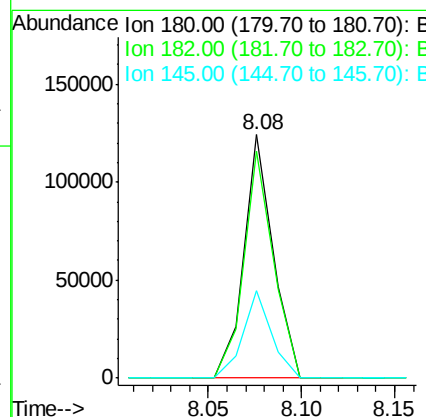
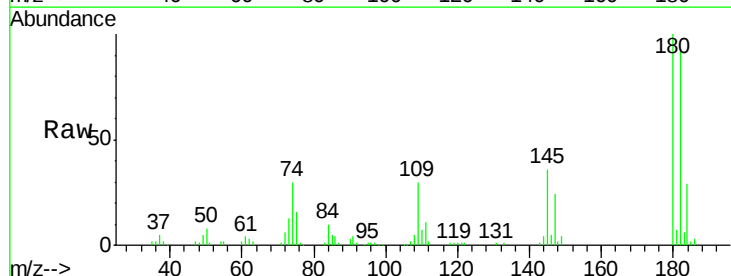
Manual Integrations
APPROVED

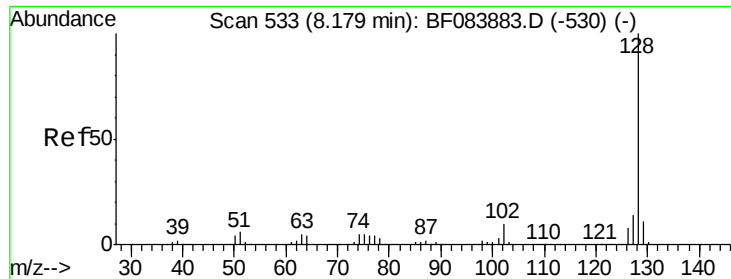
apatel
12/22/2015 12:00:08 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.54 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.2	76.4	114.6
145	36.1	31.6	47.4





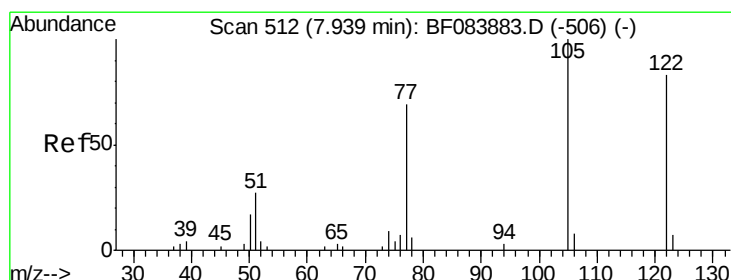
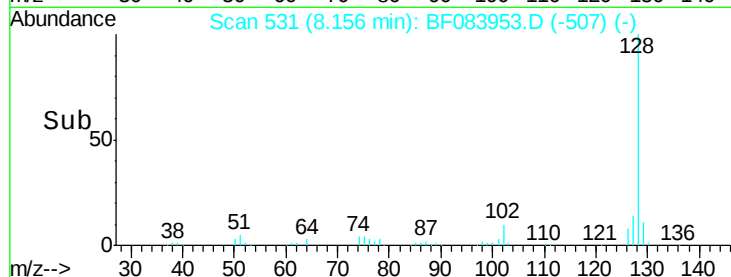
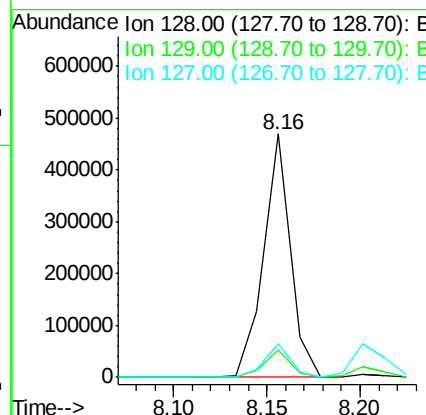
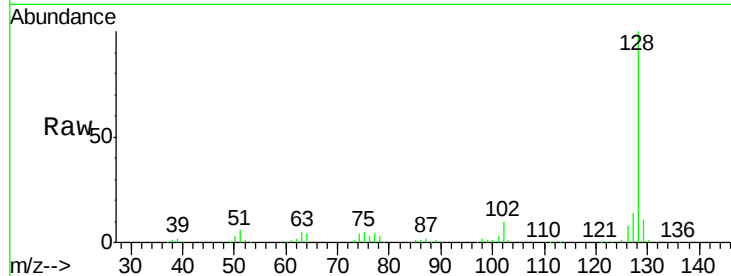
#31
Naphthalene
Concen: 41.05 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.8	11.1	16.7

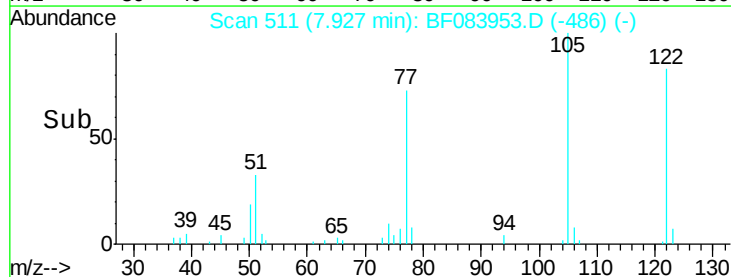
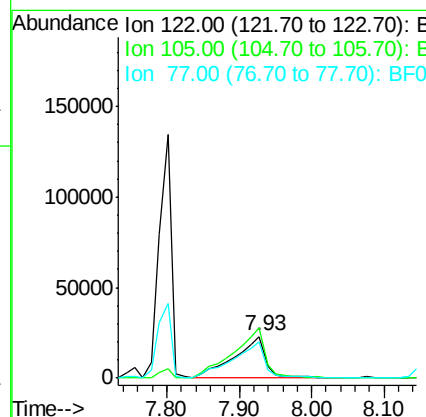
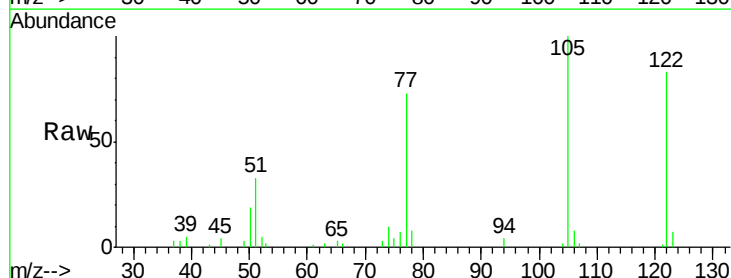
Manual Integrations
APPROVED

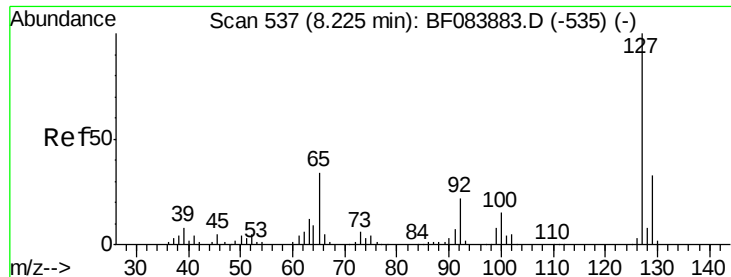
apatel
12/22/2015 12:00:08 PM



#32
Benzoic acid
Concen: 51.52 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.0	100.3	140.3
77	88.2	63.5	103.5





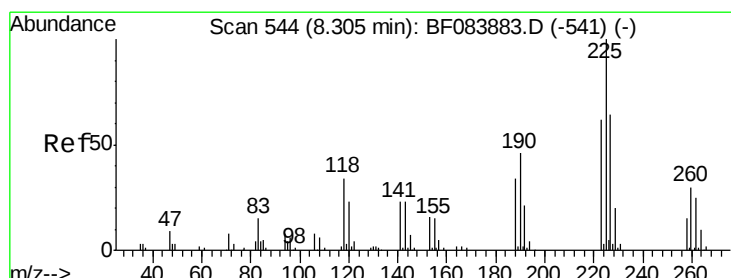
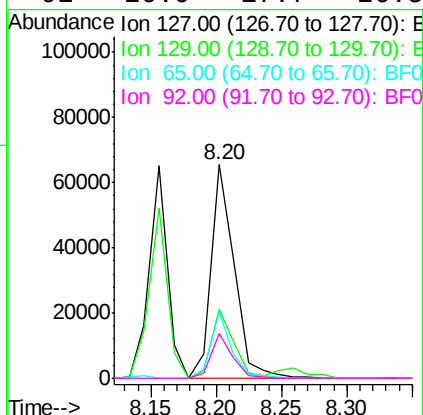
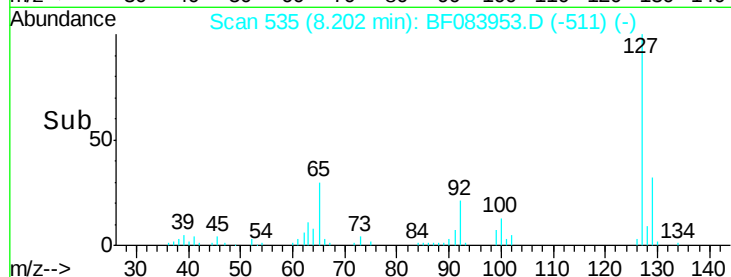
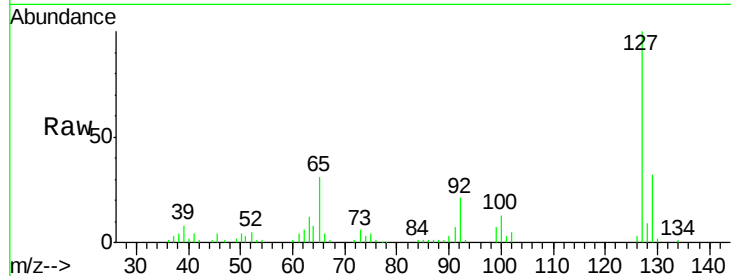
#33
4-Chloroaniline
Concen: 16.13 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
81954	127	100			
	129	32.3		26.5	39.7
	65	31.2		27.2	40.8
	92	20.9		17.7	26.5

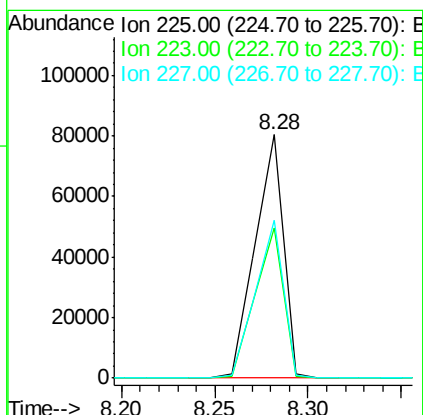
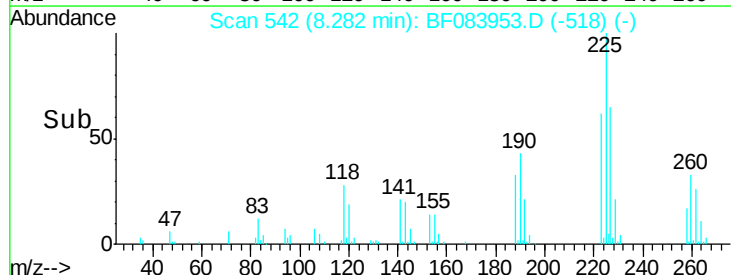
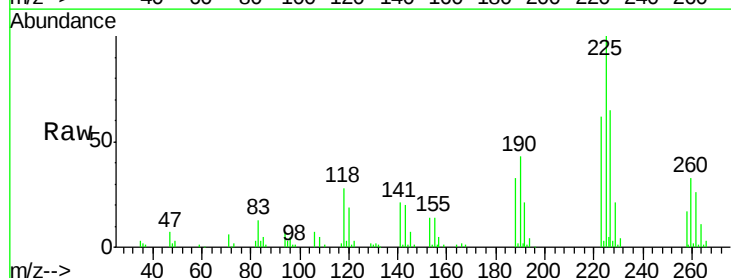
Manual Integrations
APPROVED

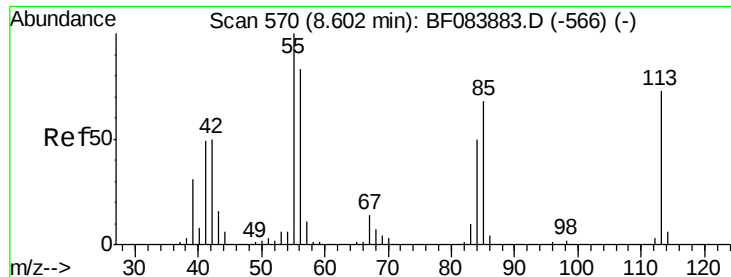
apatel
12/22/2015 12:00:08 PM



#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84353	225	100			
	223	61.6		49.4	74.0
	227	64.6		50.8	76.2





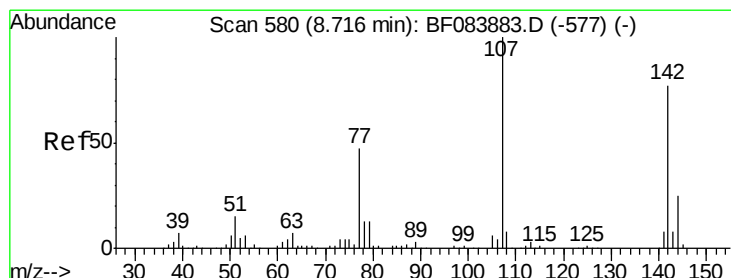
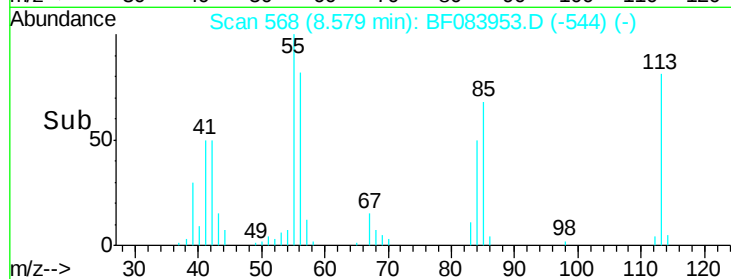
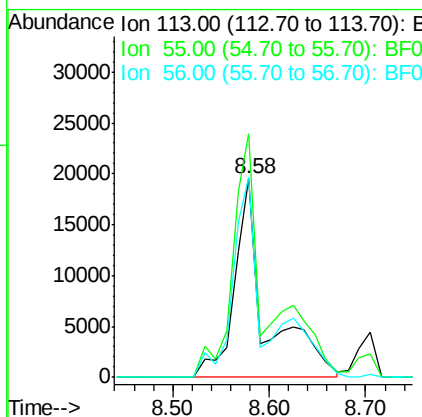
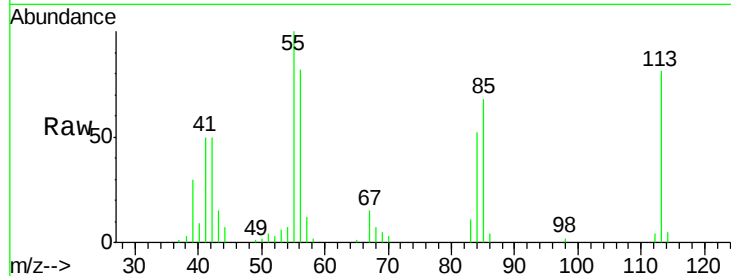
#35
 Caprolactam
 Concen: 40.81 ng/ml
 RT: 8.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	122.7		116.9	156.9	
56	100.8		93.8	133.8	

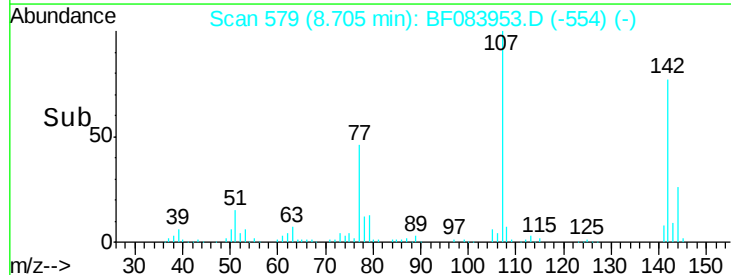
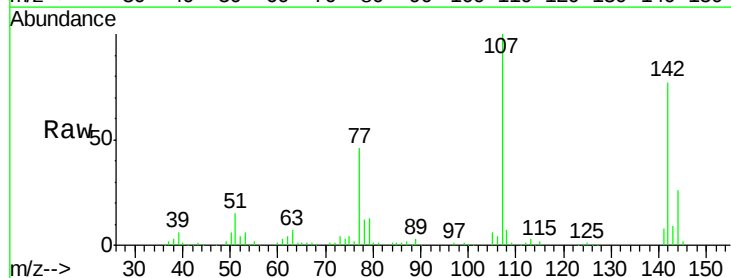
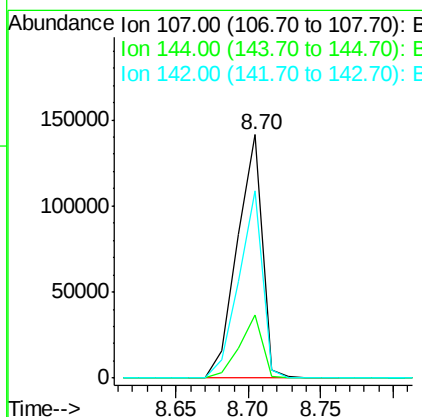
Manual Integrations
 APPROVED

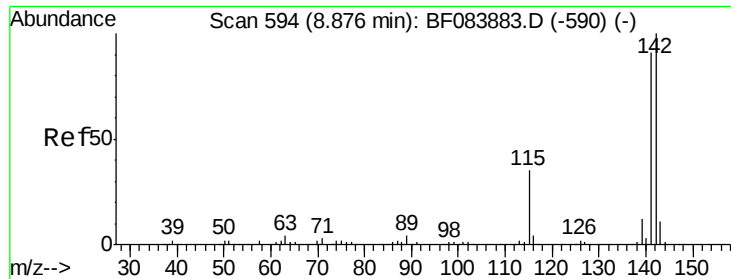
apatel
 12/22/2015 12:00:08 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.70 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.8		19.7	29.5	
142	76.9		61.8	92.6	





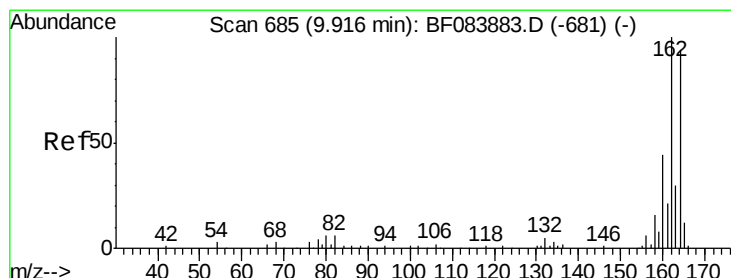
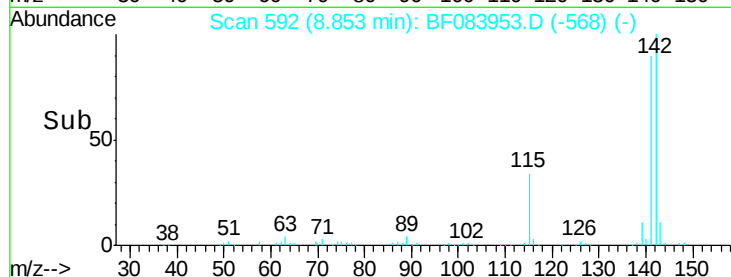
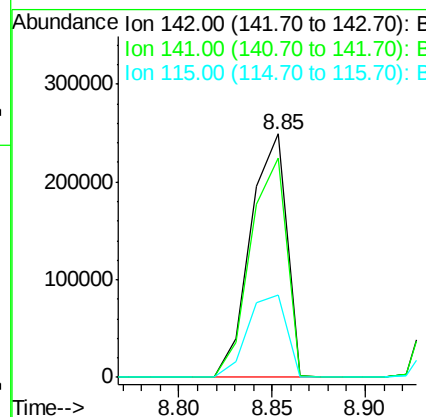
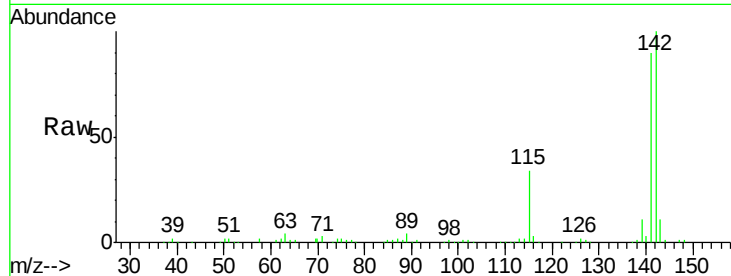
#37
2-Methylnaphthalene
Concen: 43.04 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	334780		
141	90.0	72.4	108.6	
115	34.0	27.9	41.9	

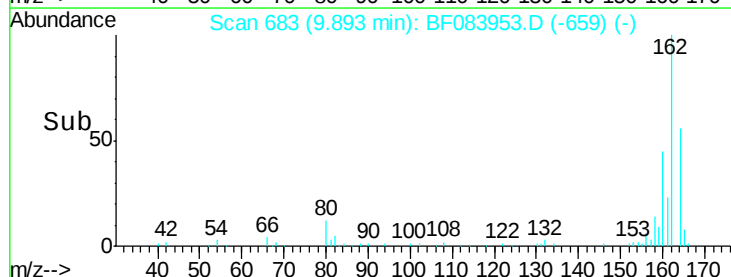
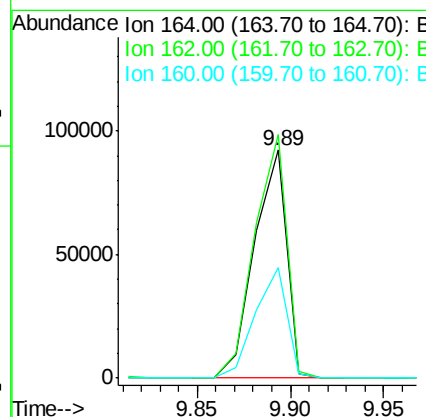
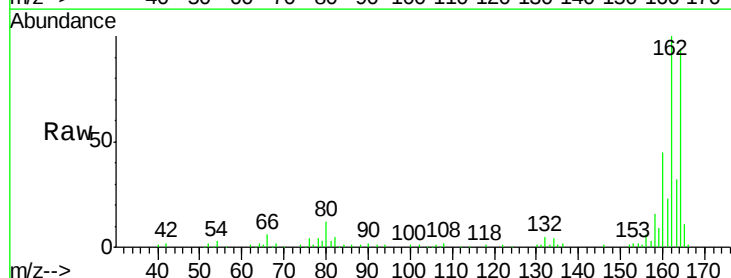
Manual Integrations
APPROVED

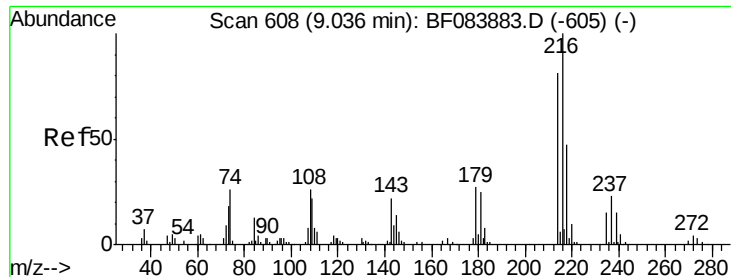
apatel
12/22/2015 12:00:08 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111649		
162	106.9	85.1	127.7	
160	48.6	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.85 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

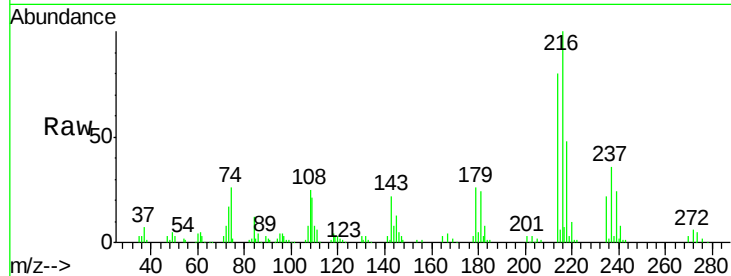
ClientSampleId :

PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		129737		
214	79.2		64.2	96.2	
179	23.0		18.7	28.1	
108	22.5		16.8	25.2	

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM

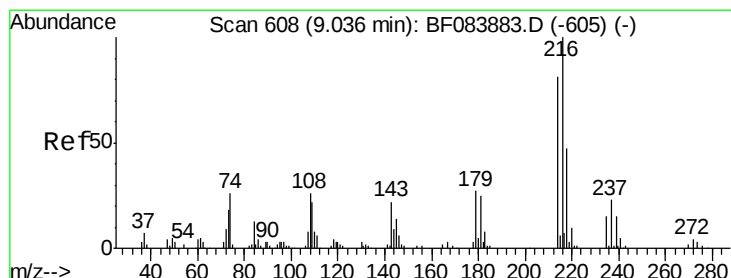
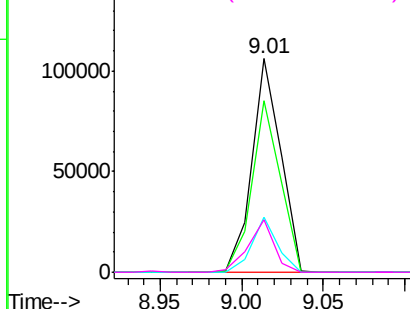
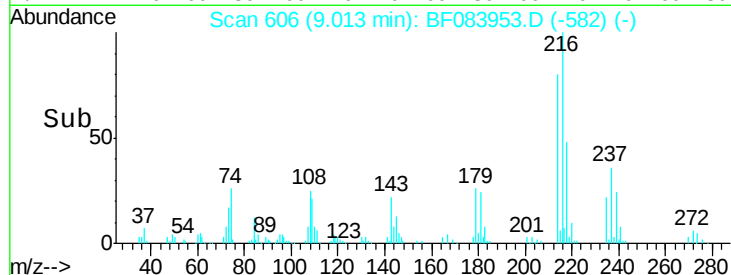


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.32 ng

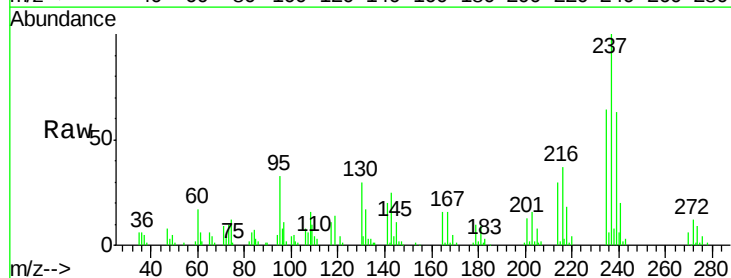
RT: 9.00 min Scan# 605

Delta R.T. -0.03 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

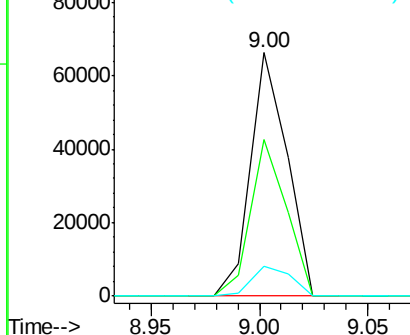
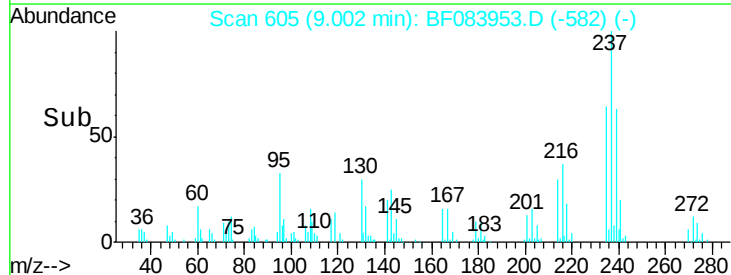
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		77292		
235	64.5		43.1	83.1	
272	12.2		0.0	35.1	

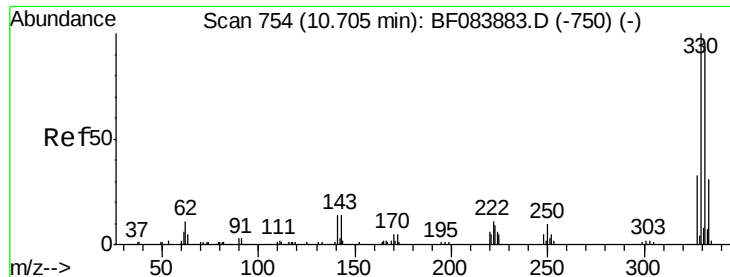


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





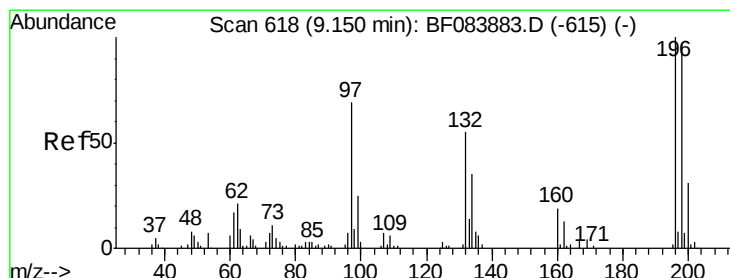
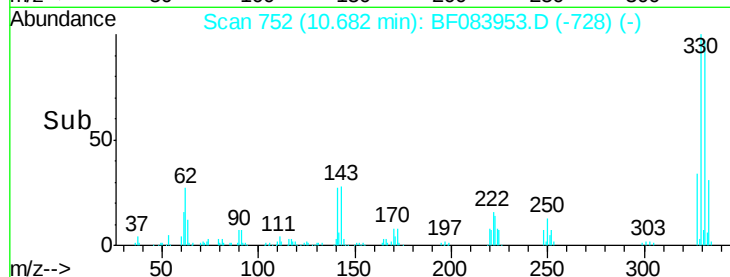
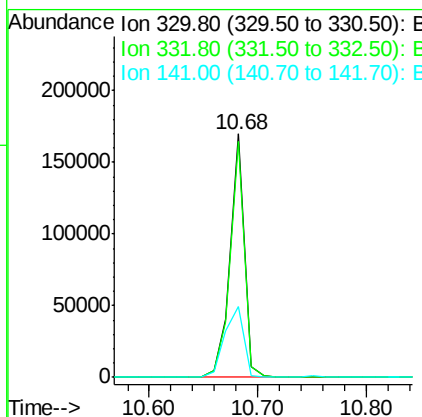
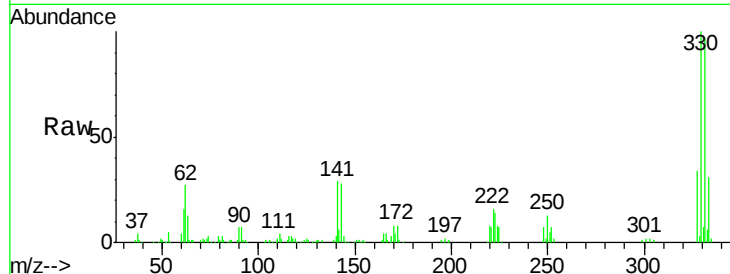
#41
 2,4,6-Tribromophenol
 Concen: 125.54 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	154419		
332	96.9	76.6	114.8	
141	38.8	27.8	41.6	

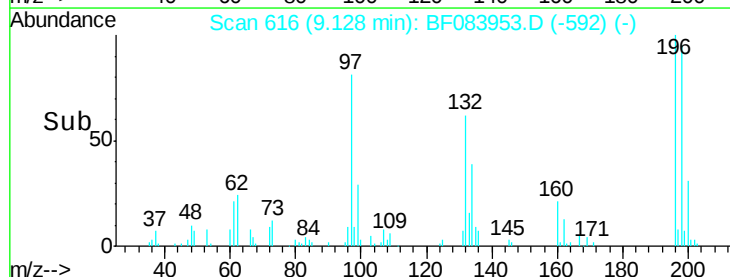
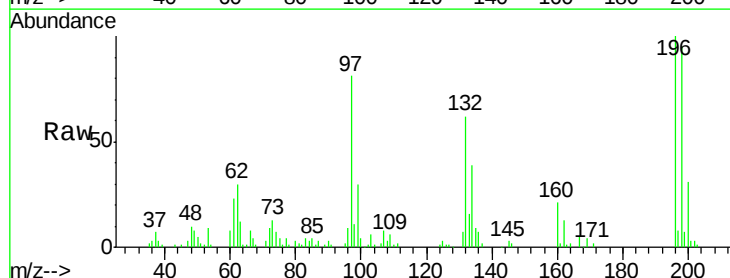
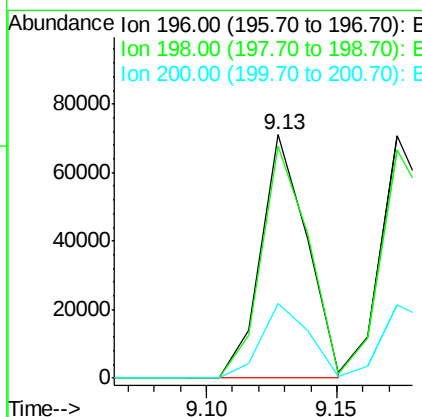
Manual Integrations
 APPROVED

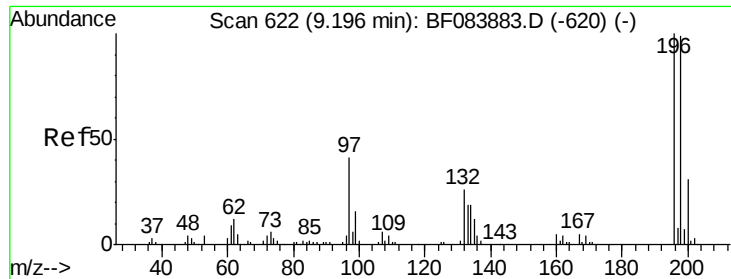
apatel
 12/22/2015 12:00:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.58 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87345		
198	95.3	77.7	116.5	
200	30.6	24.6	37.0	





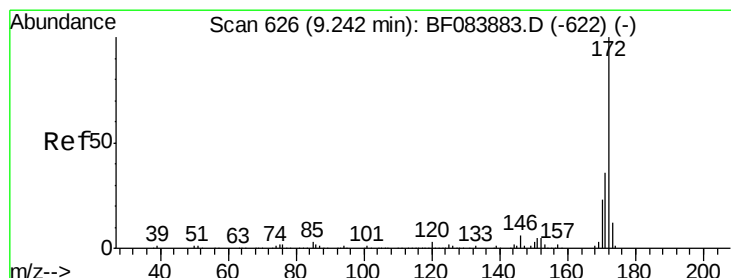
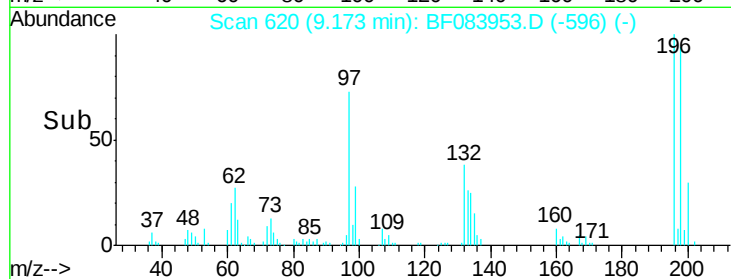
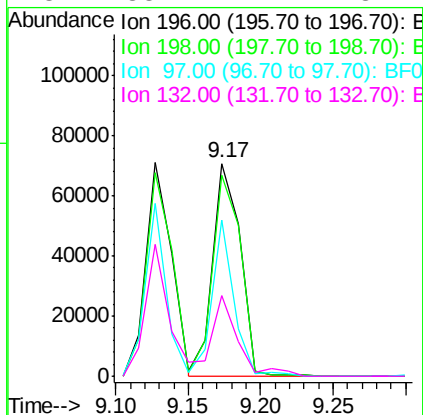
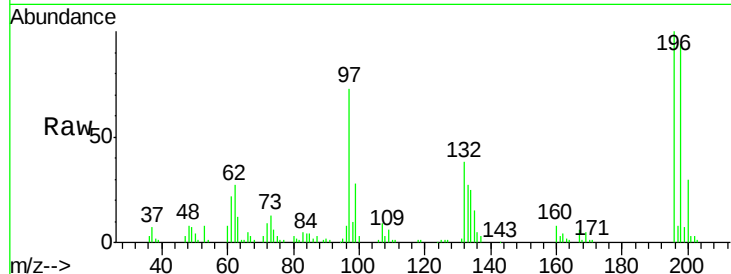
#43
 2,4,5-Trichlorophenol
 Concen: 40.68 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	196	Resp	93579
Ion Ratio	Lower	Upper	
196	100		
198	94.5	79.0	118.6
97	73.4	33.0	49.6#
132	38.2	21.1	31.7#

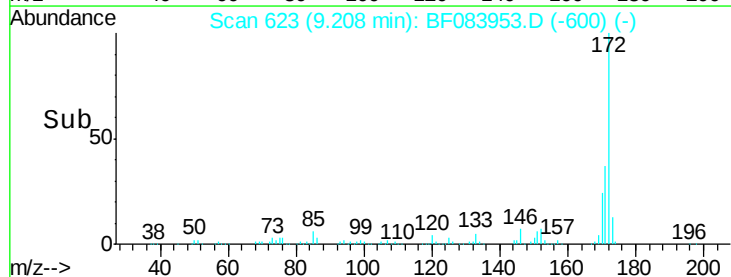
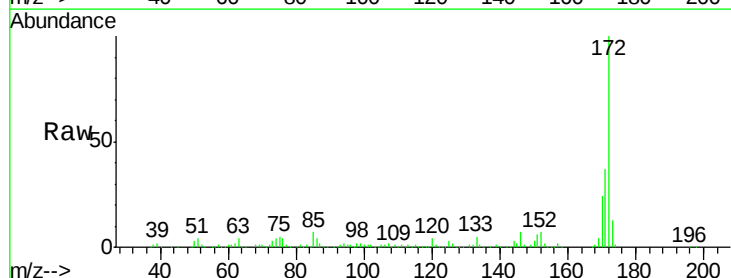
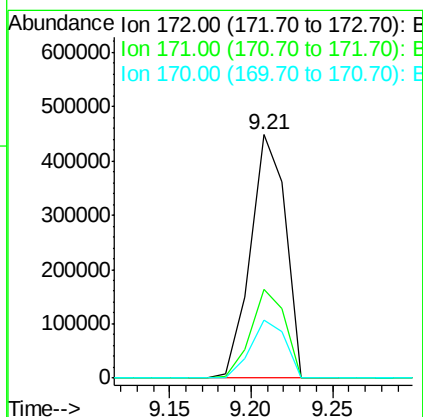
Manual Integrations
 APPROVED

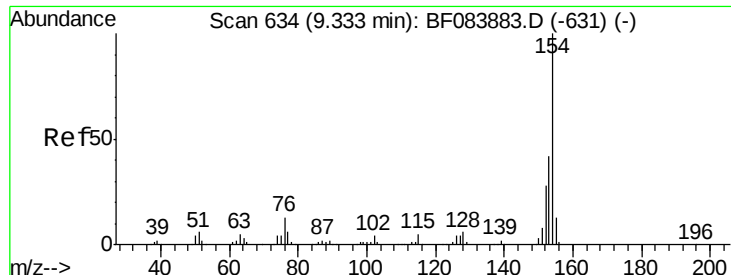
apatel
 12/22/2015 12:00:08 PM



#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	172	Resp	662882
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.9	43.3
170	23.7	18.6	27.8





#45

1,1'-Biphenyl

Concen: 40.77 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

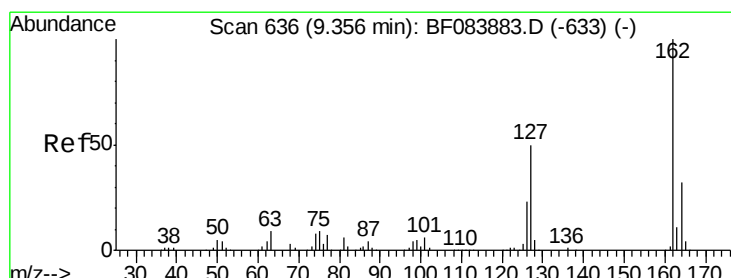
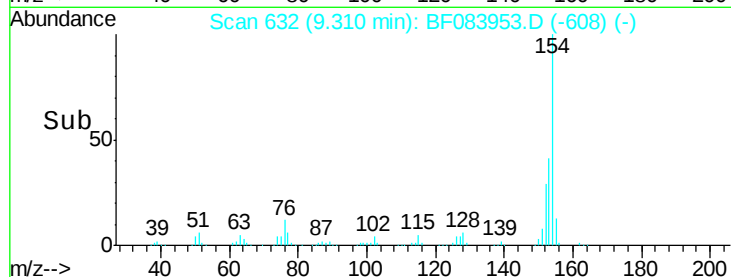
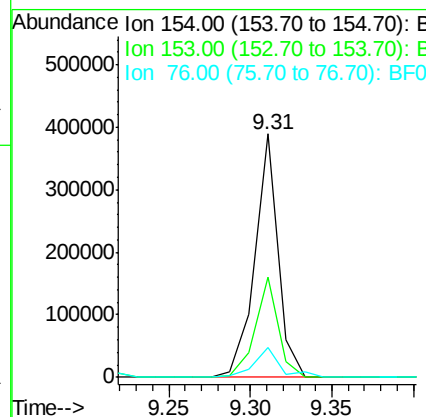
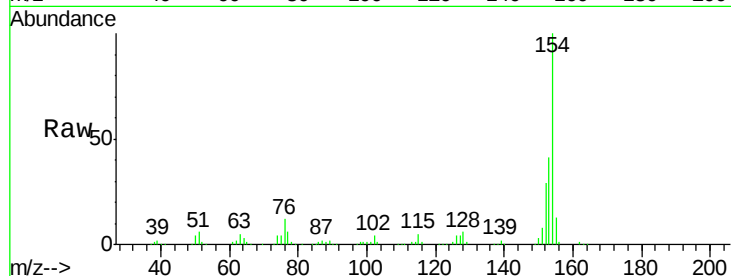
ClientSampleId :

PB87185BS

Tot Ion:	154	Resp:	383470
Ion Ratio		Lower	Upper
154	100		
153	41.3	21.6	61.6
76	12.1	0.0	32.7

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#46

2-Chloronaphthalene

Concen: 38.27 ng

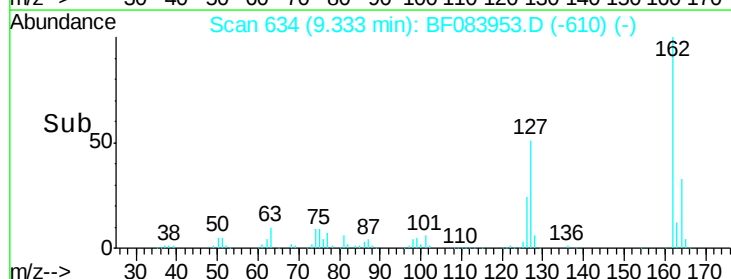
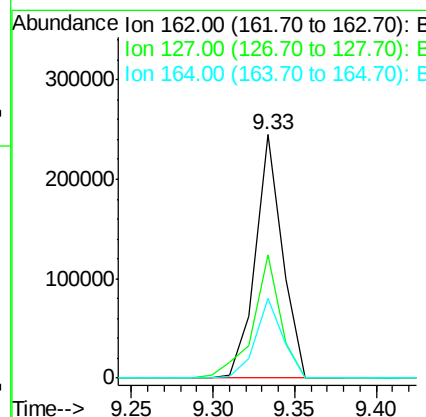
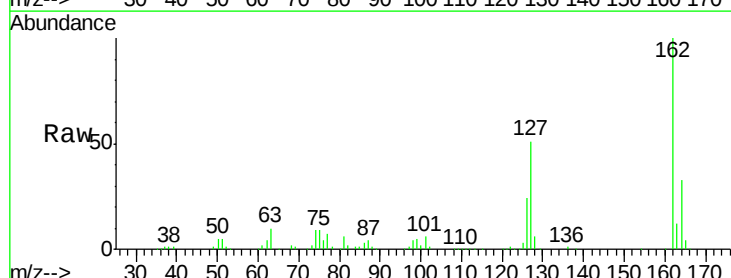
RT: 9.33 min Scan# 634

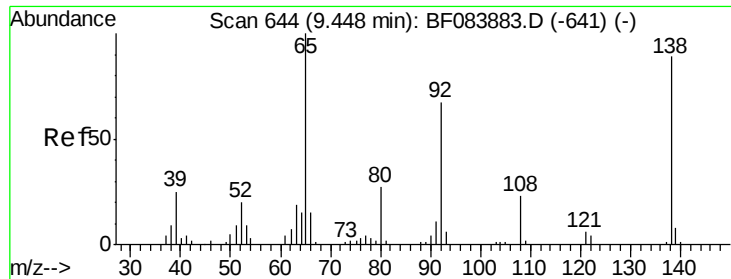
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	162	Resp:	282666
Ion Ratio		Lower	Upper
162	100		
127	50.6	40.2	60.4
164	32.8	25.7	38.5





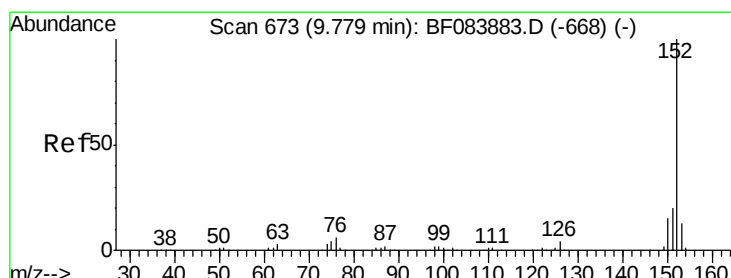
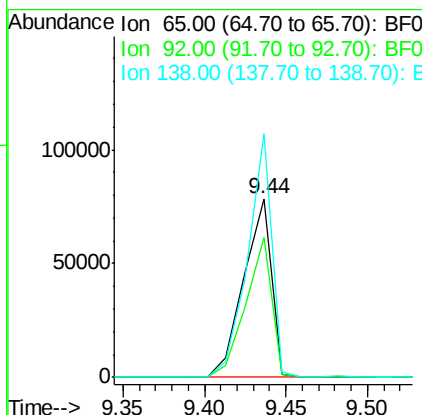
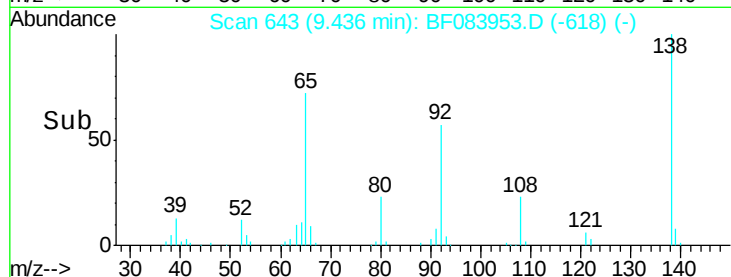
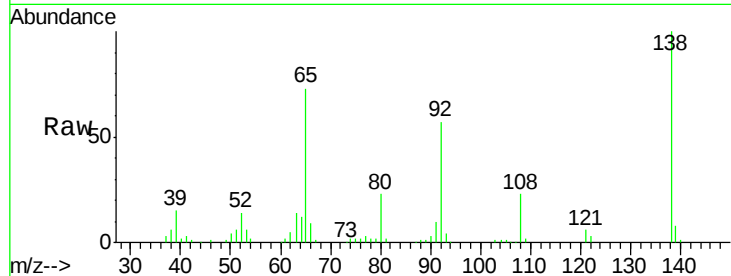
#47
 2-Nitroaniline
 Concen: 41.81 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.4	53.4	80.2
138	136.4	71.1	106.7

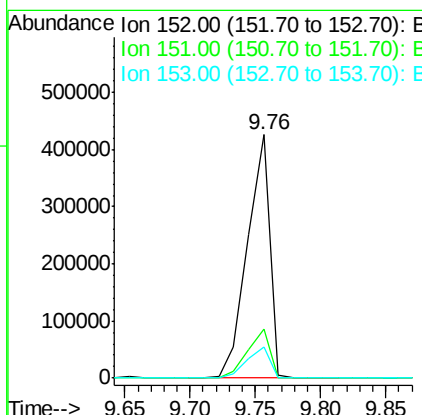
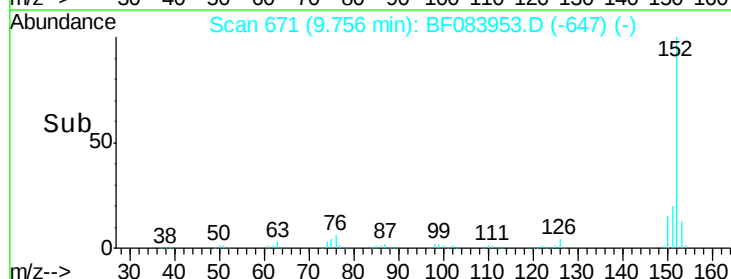
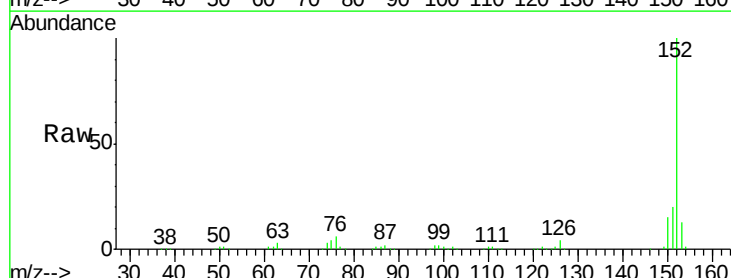
Manual Integrations
 APPROVED

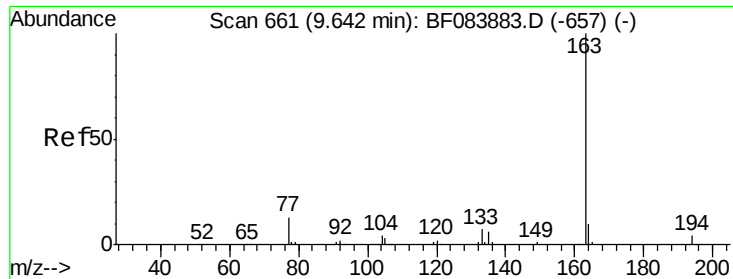
apatel
 12/22/2015 12:00:08 PM



#48
 Acenaphthylene
 Concen: 38.98 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.7	10.4	15.6





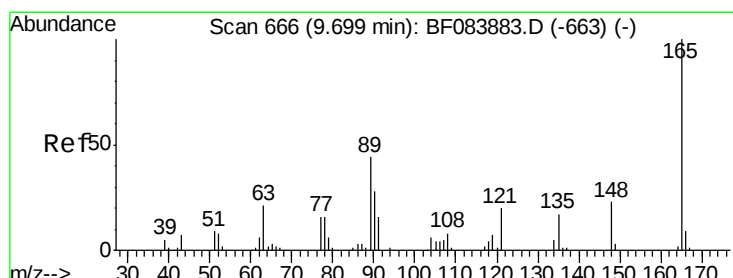
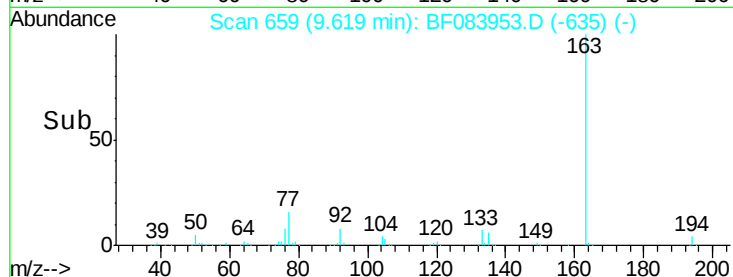
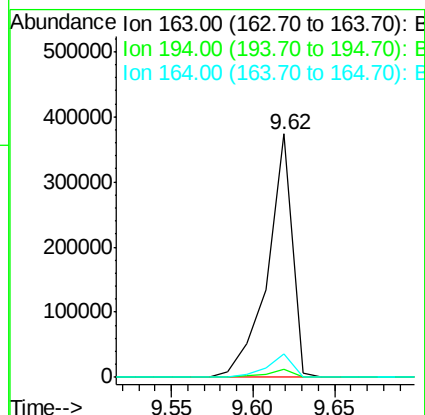
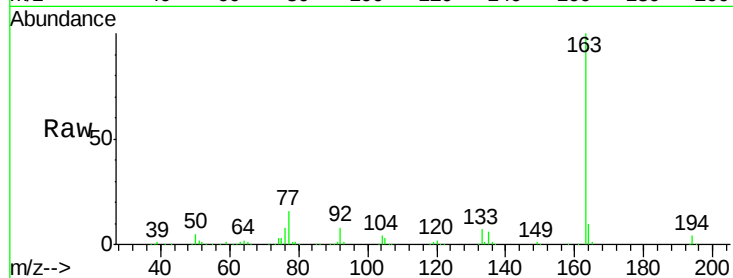
#49
Dimethylphthalate
Concen: 42.02 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.8	8.0	12.0

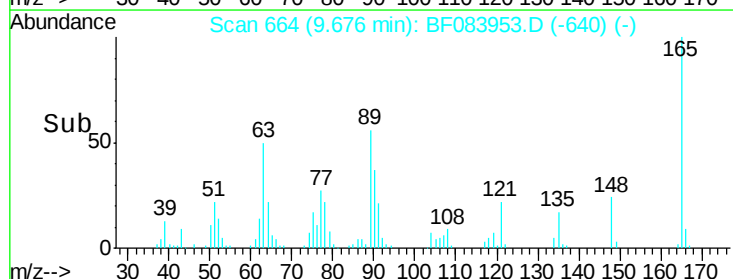
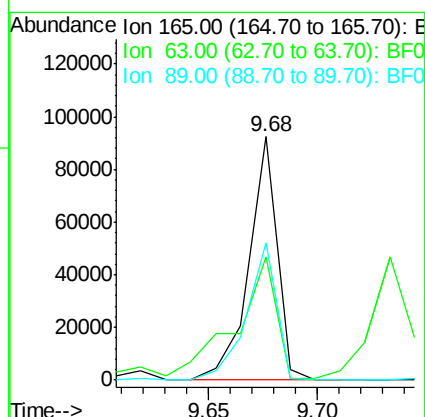
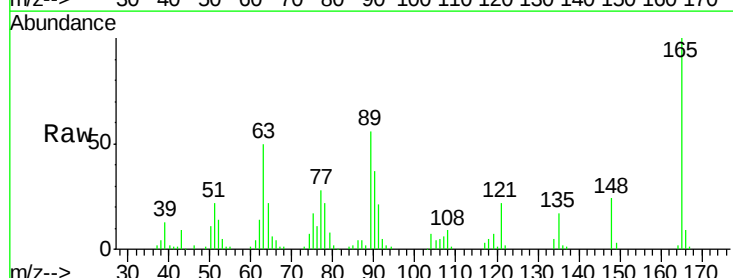
Manual Integrations
APPROVED

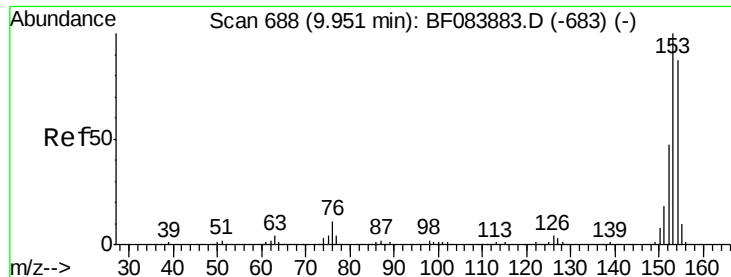
apatel
12/22/2015 12:00:08 PM



#50
2,6-Dinitrotoluene
Concen: 40.82 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	50.4	28.8	43.2#
89	56.5	35.1	52.7#





#51

Acenaphthene

Concen: 41.87 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

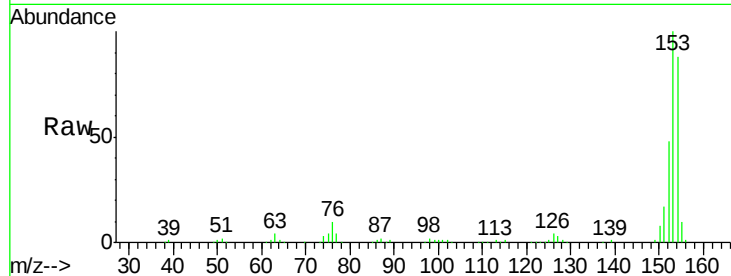
ClientSampleId :

PB87185BS

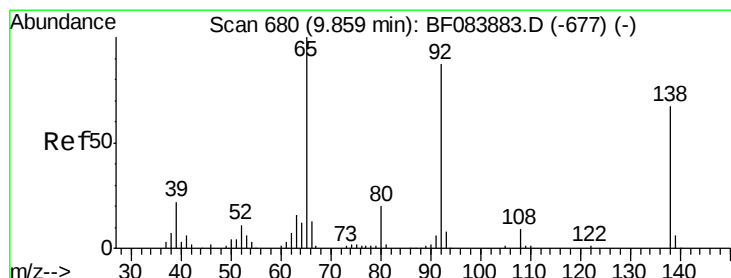
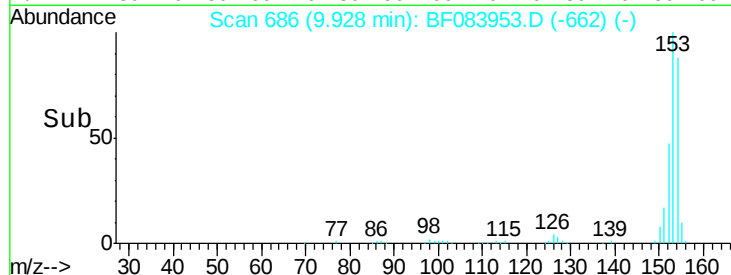
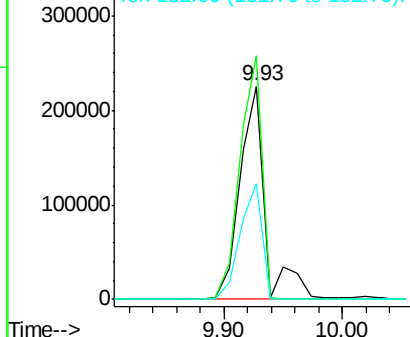
Tot Ion:	154	Resp:	335121
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.5	137.3
152	54.3	43.0	64.6

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.55 ng

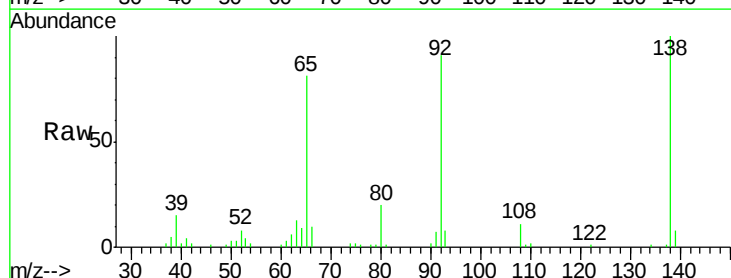
RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

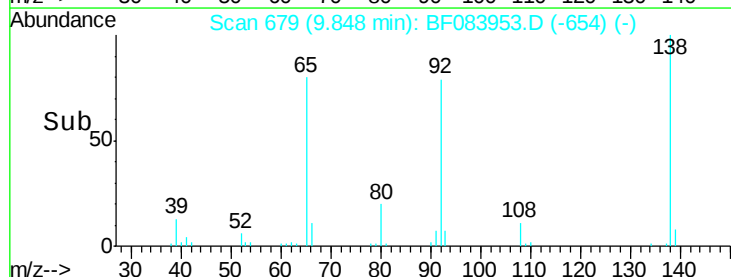
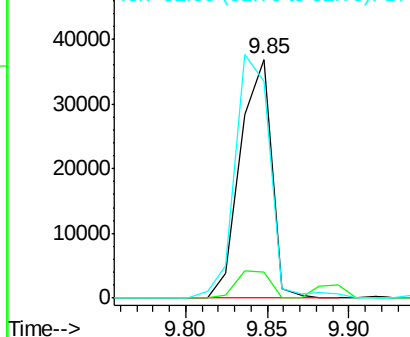
Lab File: BF083953.D

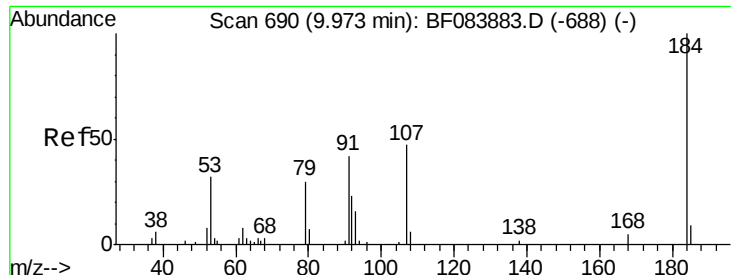
Acq: 19 Dec 2015 14:39

Tgt Ion:	138	Resp:	48579
Ion Ratio	Lower	Upper	
138	100		
108	11.1	10.5	15.7
92	90.6	103.9	155.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





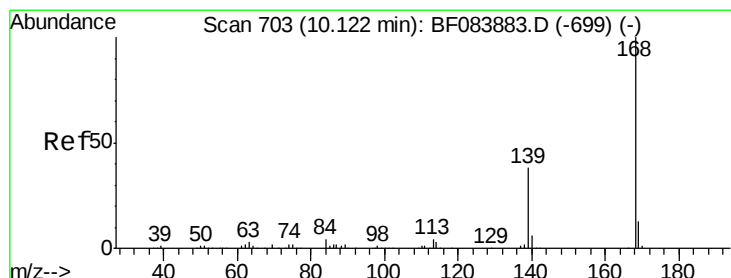
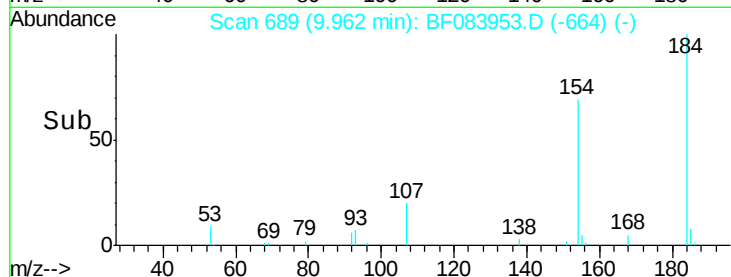
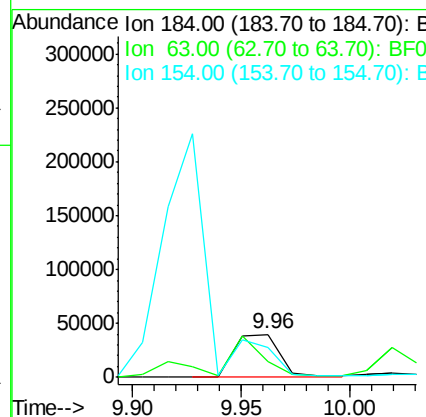
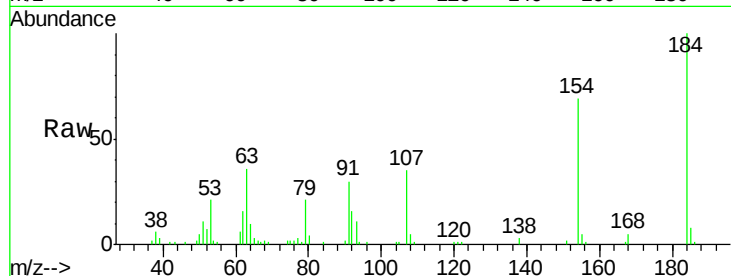
#53
 2,4-Dinitrophenol
 Concen: 80.11 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	58791		
63	35.6	43.1	64.7	#
154	69.1	60.5	90.7	

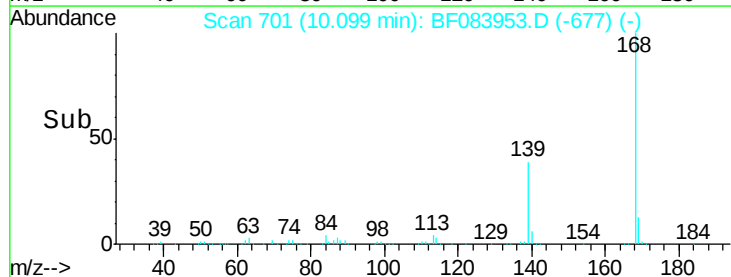
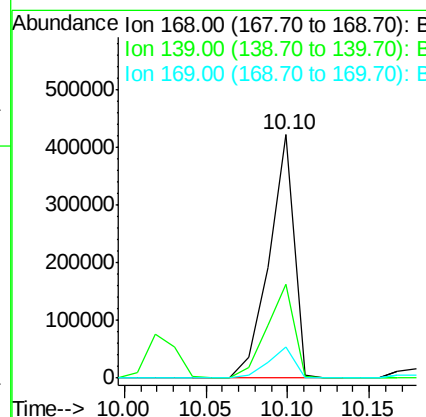
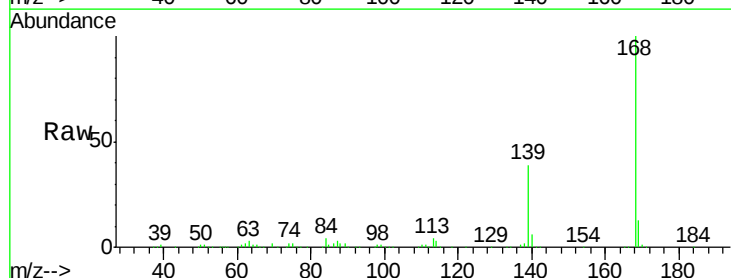
Manual Integrations
 APPROVED

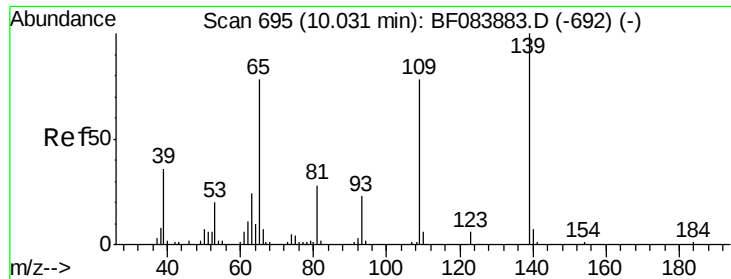
apatel
 12/22/2015 12:00:08 PM



#54
 Dibenzofuran
 Concen: 43.37 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	450751		
139	38.7	30.5	45.7	
169	13.0	10.4	15.6	





#55

4-Nitrophenol

Concen: 73.85 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

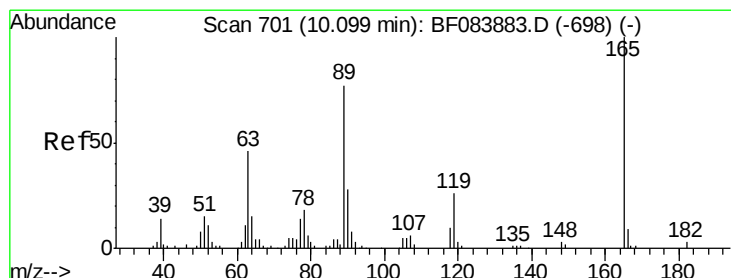
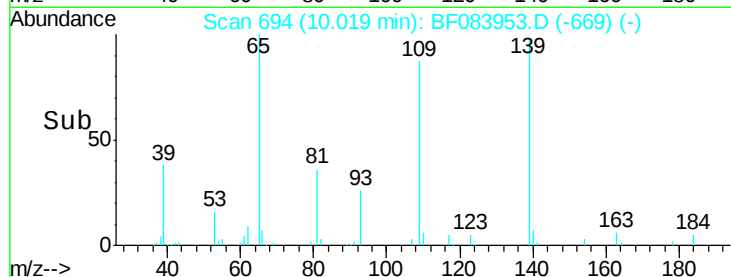
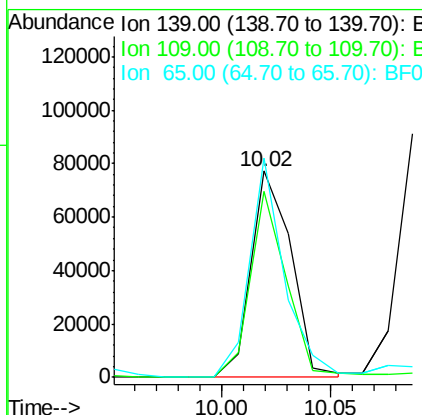
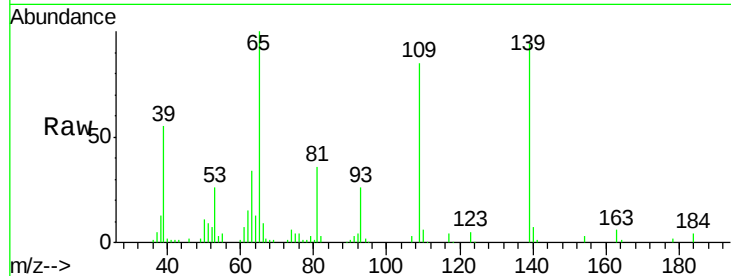
ClientSampleId :

PB87185BS

Tot Ion:	139	Resp:	99314
Ion Ratio	Lower	Upper	
139	100		
109	90.1	58.5	98.5
65	106.2	57.6	97.6#

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#56

2,4-Dinitrotoluene

Concen: 42.47 ng

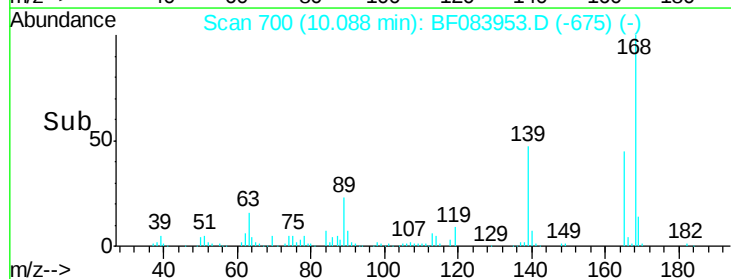
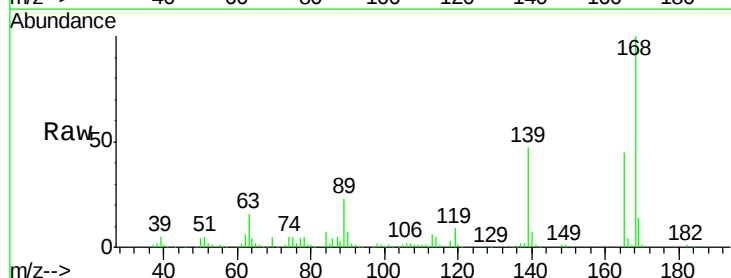
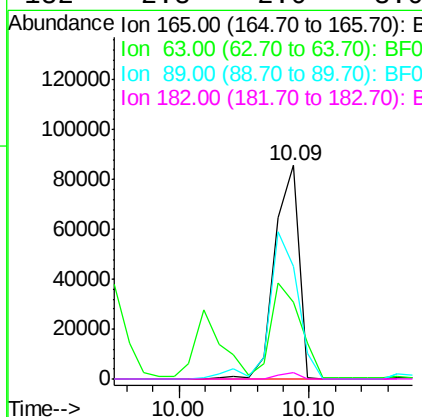
RT: 10.09 min Scan# 700

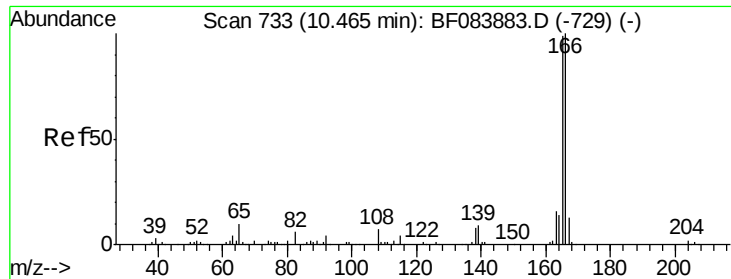
Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	165	Resp:	111245
Ion Ratio	Lower	Upper	
165	100		
63	35.7	36.7	55.1#
89	52.5	61.9	92.9#
182	2.8	2.0	3.0





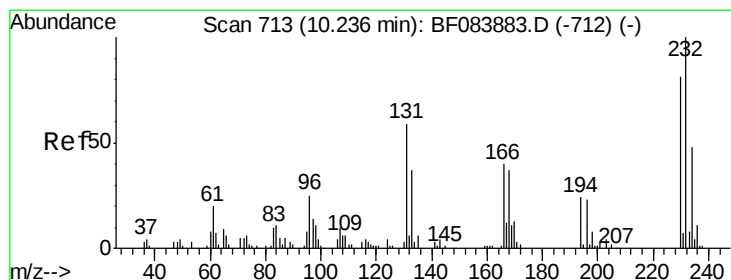
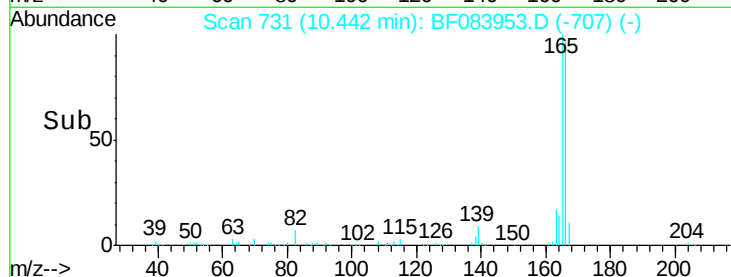
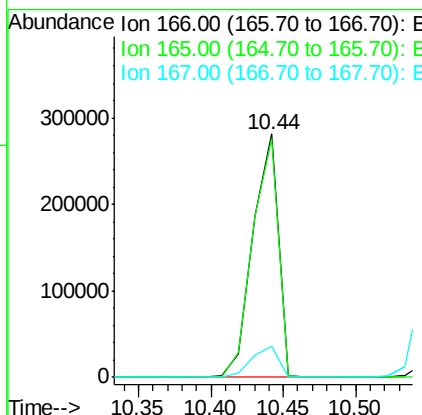
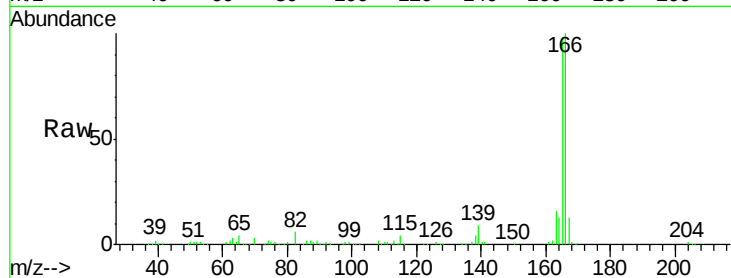
#57
Fluorene
 Concen: 43.28 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	343064		
165	98.0	79.1	118.7	
167	12.9	10.4	15.6	

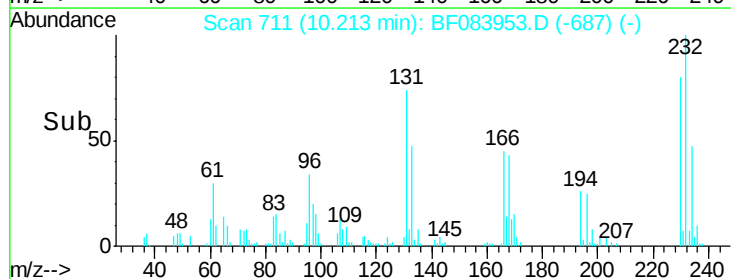
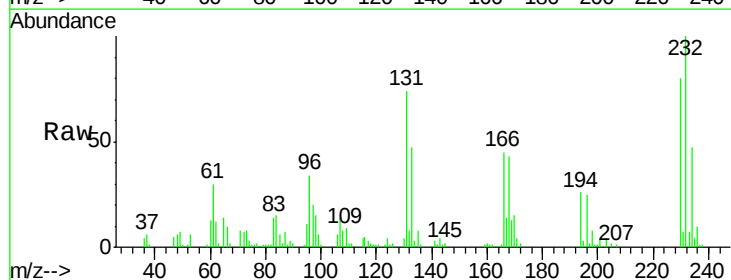
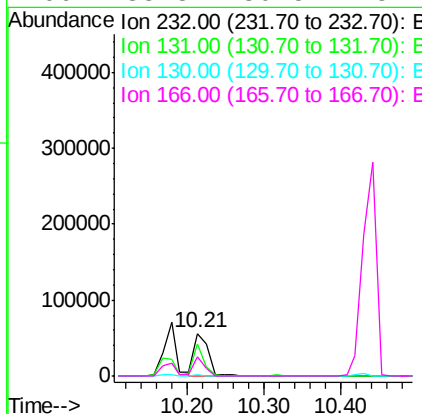
Manual Integrations
 APPROVED

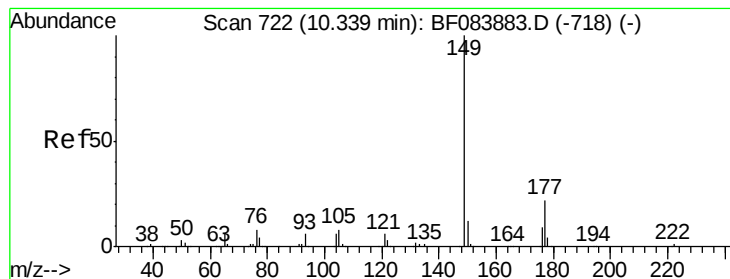
apatel
 12/22/2015 12:00:08 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.29 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	73668		
131	56.2	47.0	70.6	
130	2.7	2.0	3.0	
166	35.8	30.5	45.7	





#59

Diethylphthalate

Concen: 41.05 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

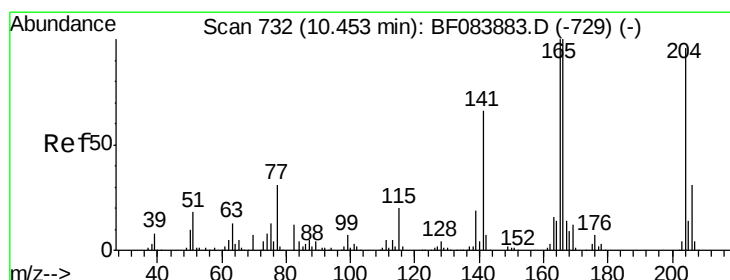
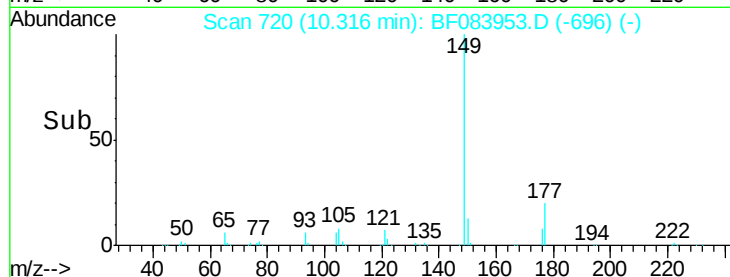
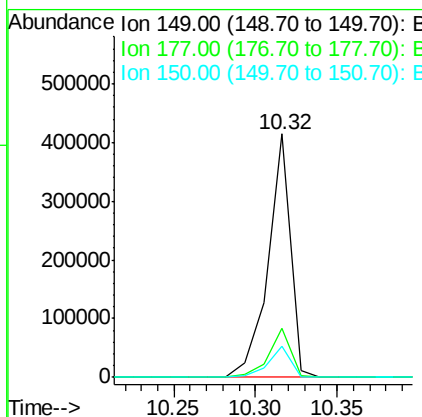
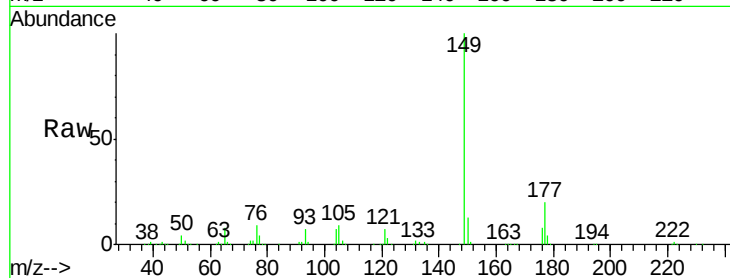
ClientSampleId :

PB87185BS

Tot Ion:	149	Resp:	397626
Ion Ratio	Lower	Upper	
149	100		
177	20.3	17.3	25.9
150	12.6	9.8	14.8

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#60

4-Chlorophenyl-phenylether

Concen: 40.41 ng

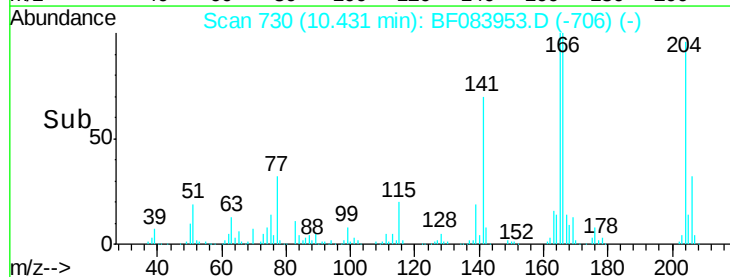
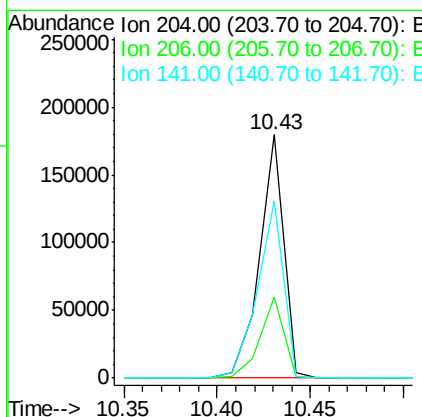
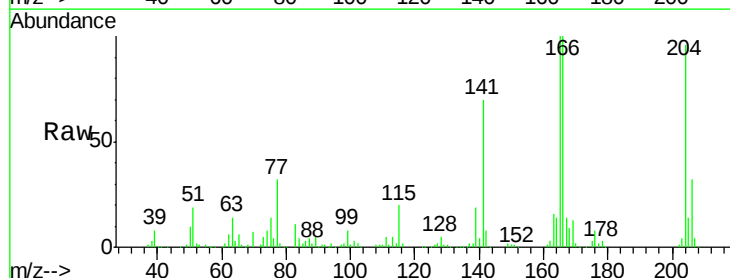
RT: 10.43 min Scan# 730

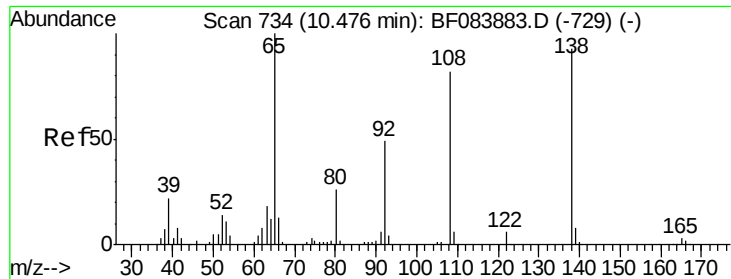
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	204	Resp:	160964
Ion Ratio	Lower	Upper	
204	100		
206	33.2	25.7	38.5
141	72.6	55.1	82.7





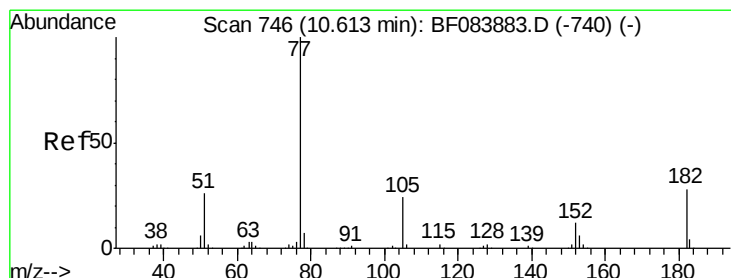
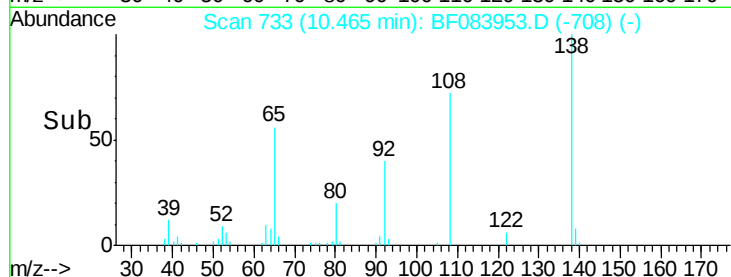
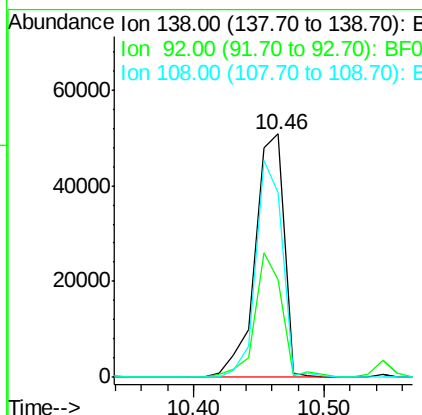
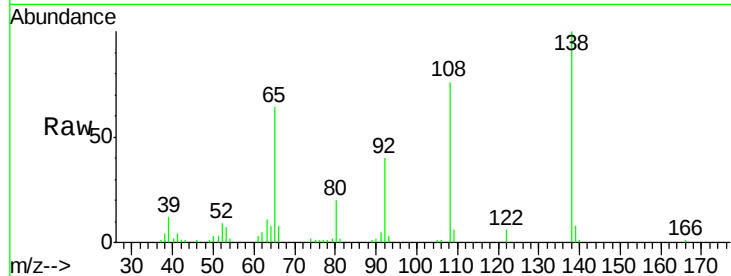
#61
4-Nitroaniline
Concen: 35.49 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.0	32.6	72.6
108	75.7	68.6	108.6

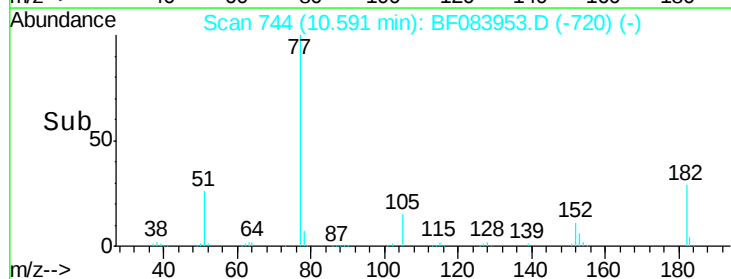
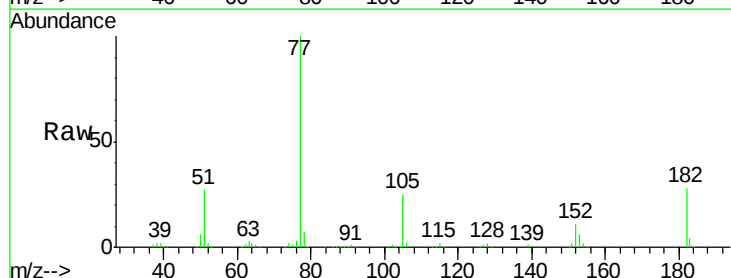
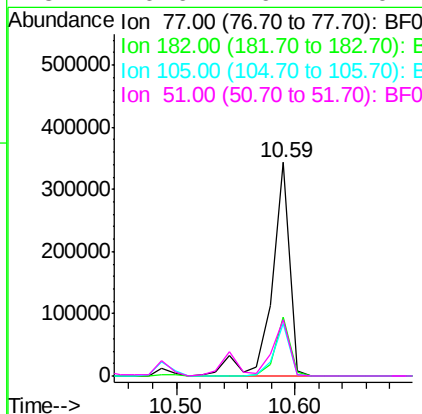
Manual Integrations
APPROVED

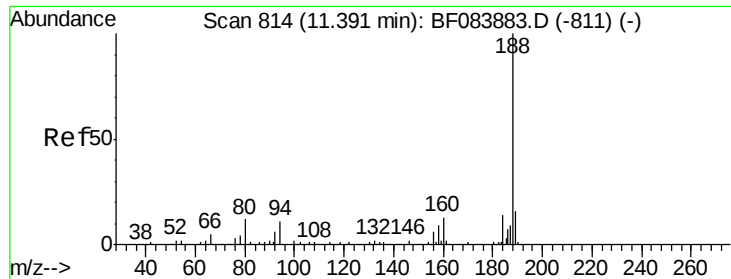
apatel
12/22/2015 12:00:08 PM



#62
Azobenzene
Concen: 44.52 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	8.3	48.3
105	24.8	4.6	44.6
51	26.6	6.2	46.2





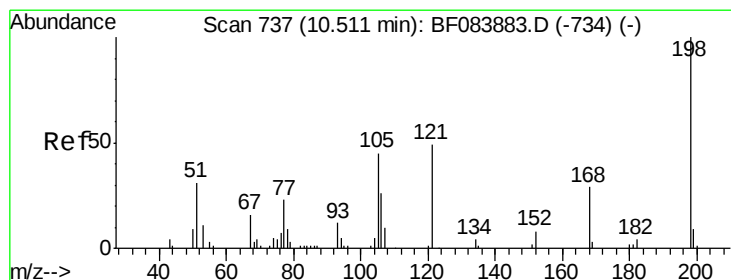
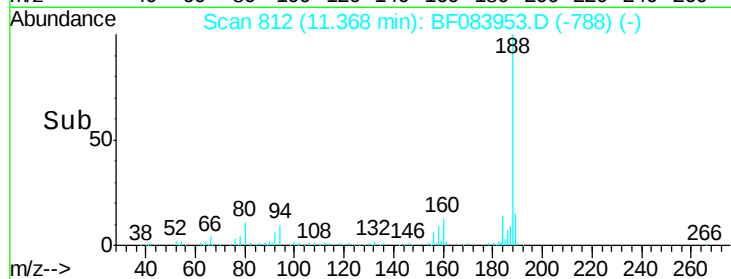
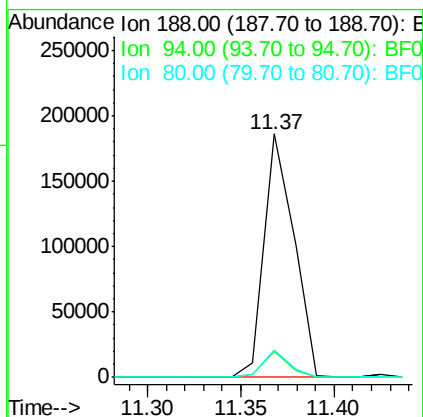
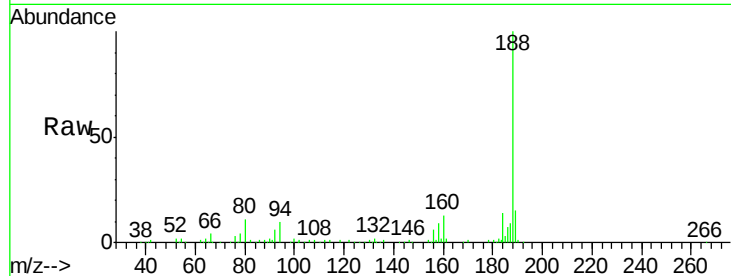
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.2	9.6	14.4

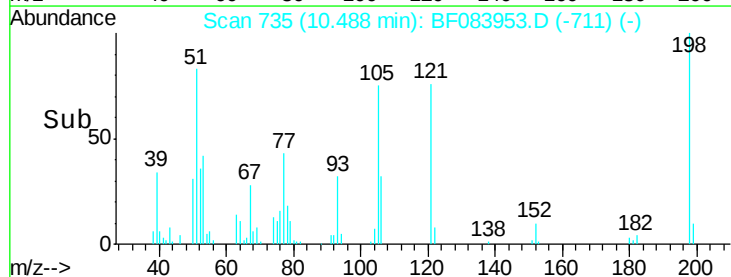
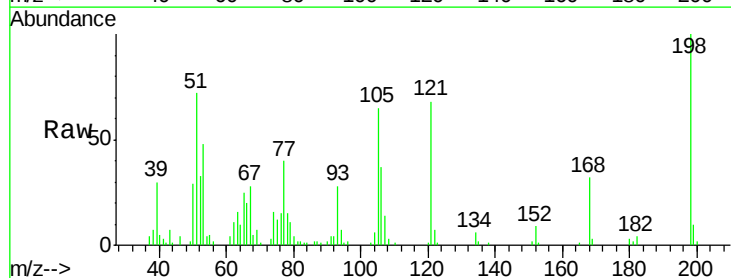
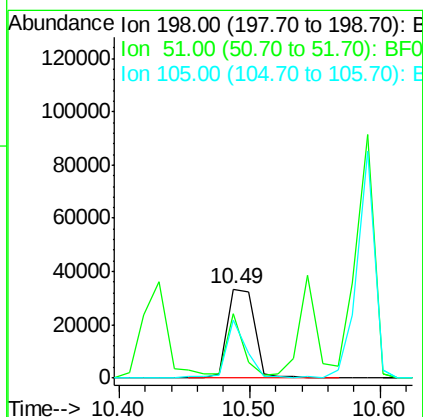
Manual Integrations
APPROVED

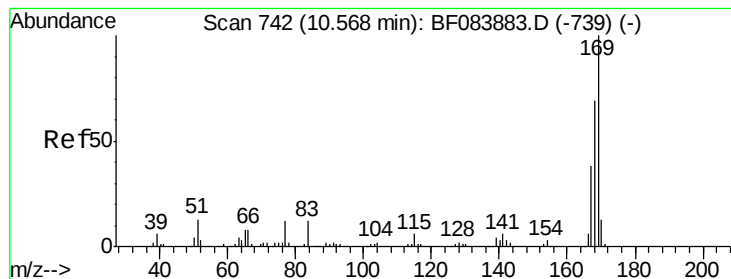
apatel
12/22/2015 12:00:08 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.99 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	72.1	18.9	58.9#
105	65.3	26.4	66.4





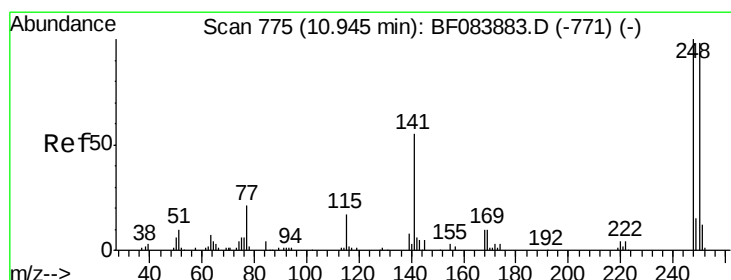
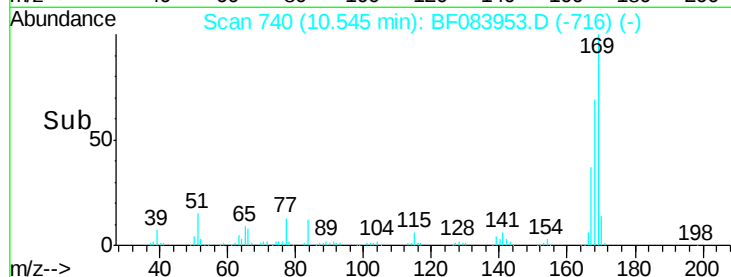
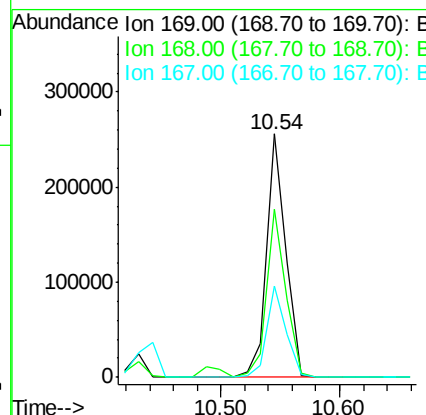
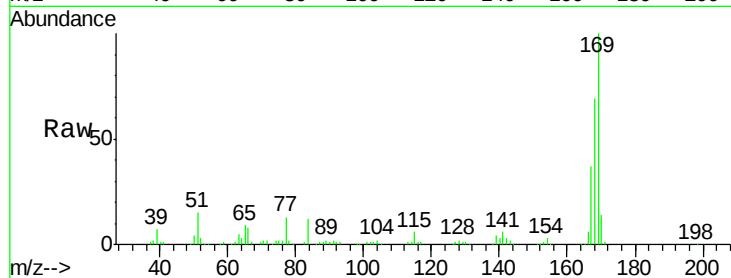
#65
n-Nitrosodiphenylamine
Concen: 38.50 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	68.9	55.1	82.7		
167	37.4	30.0	45.0		

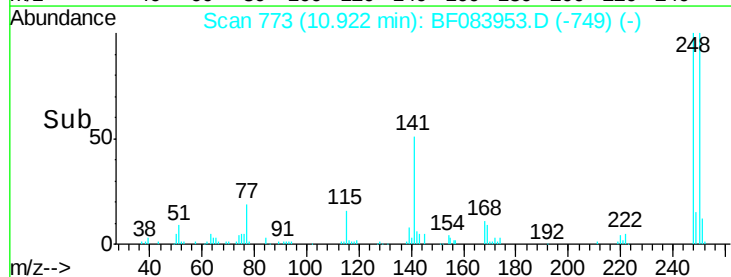
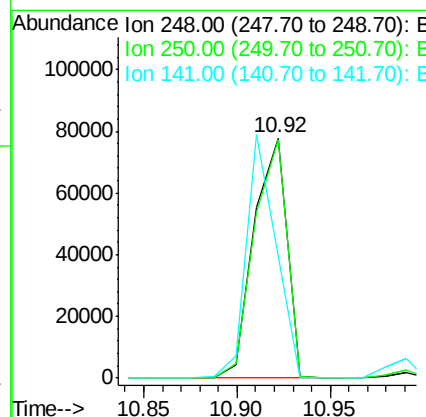
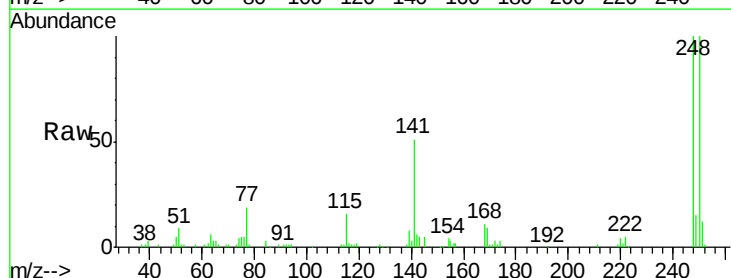
Manual Integrations
APPROVED

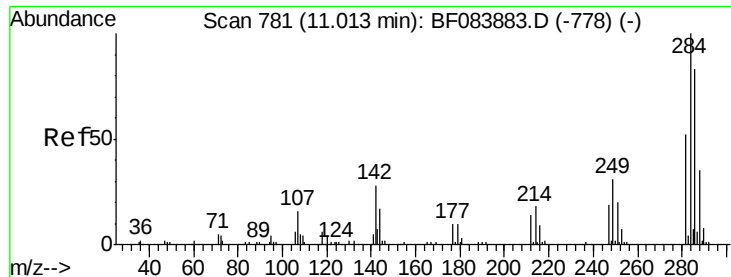
apatel
12/22/2015 12:00:08 PM



#66
4-Bromophenyl-phenylether
Concen: 37.49 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	99.6	78.4	117.6		
141	50.9	44.0	66.0		





#67

Hexachlorobenzene

Concen: 41.39 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

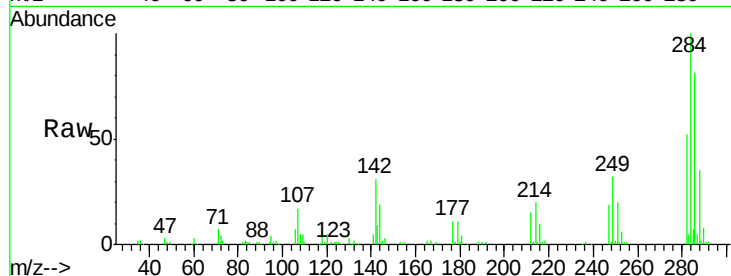
ClientSampleId :

PB87185BS

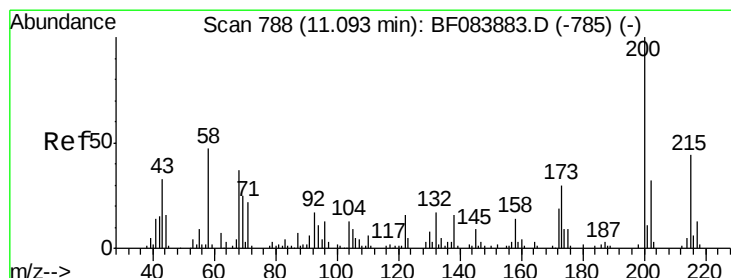
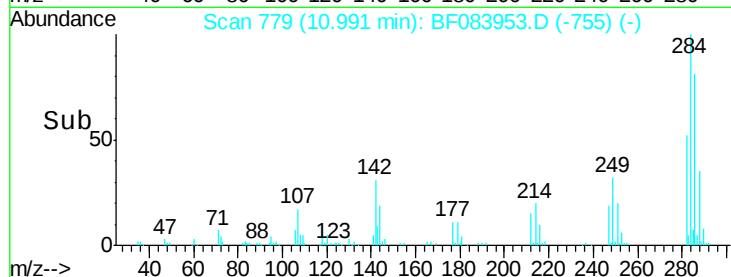
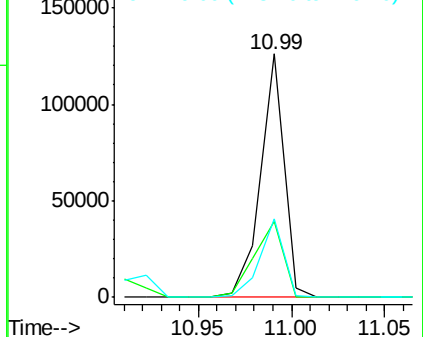
Tot Ion:	284	Resp:	109881
Ion Ratio		Lower	Upper
284	100		
142	31.3	22.2	33.4
249	32.3	24.6	37.0

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



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: 41.66 ng

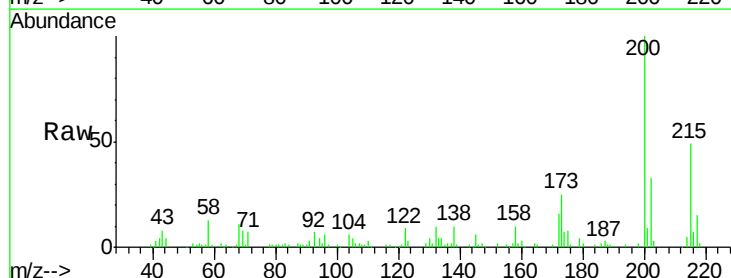
RT: 11.08 min Scan# 787

Delta R.T. -0.01 min

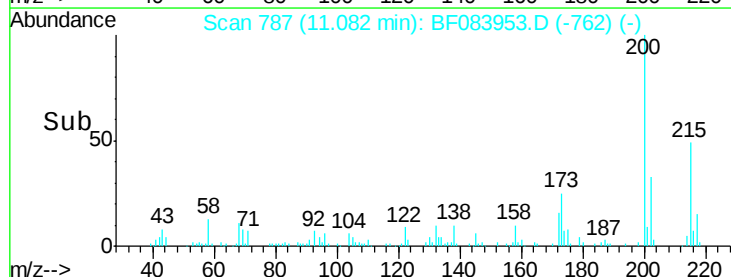
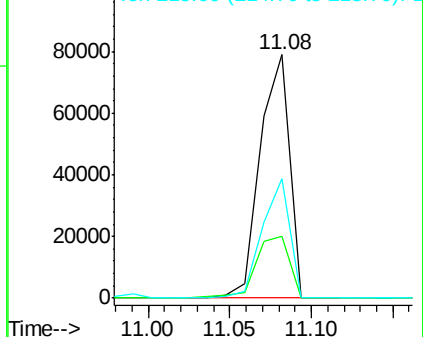
Lab File: BF083953.D

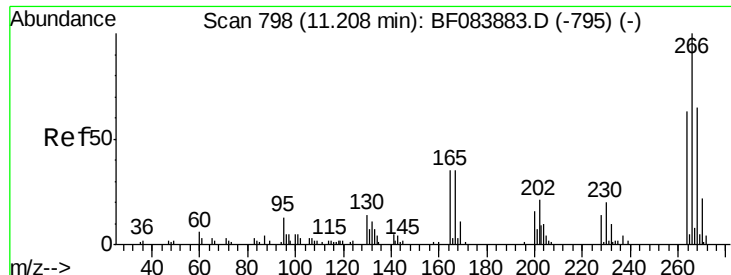
Acq: 19 Dec 2015 14:39

Tgt Ion:	200	Resp:	99037
Ion Ratio		Lower	Upper
200	100		
173	25.2	9.5	49.5
215	49.3	23.8	63.8



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





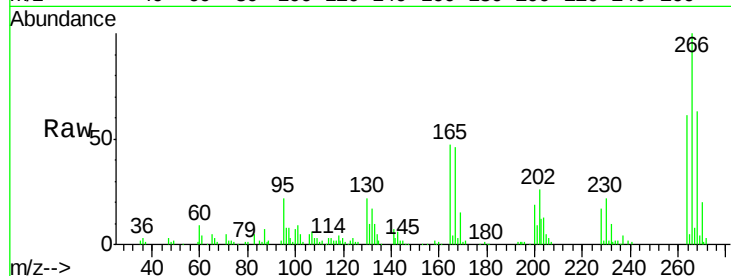
#69
 Pentachlorophenol
 Concen: 81.95 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

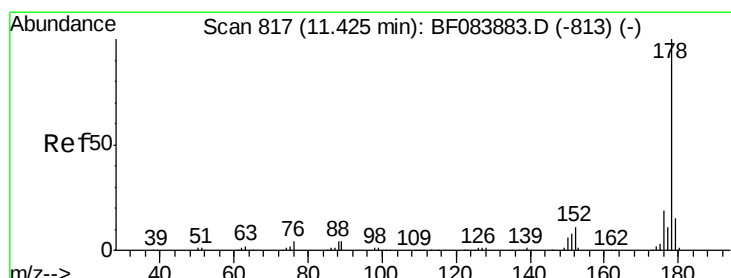
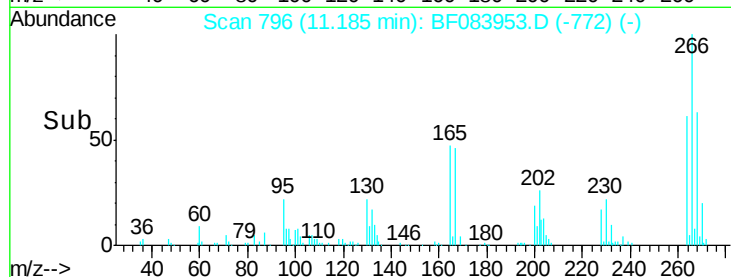
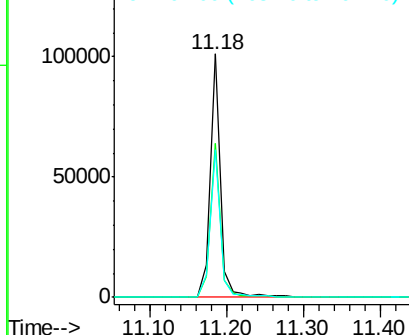
Tot Ion	Ratio	Resp	Lower	Upper
266	100	92461		
268	63.4	52.4	78.6	
264	60.8	50.2	75.2	

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:00:08 PM

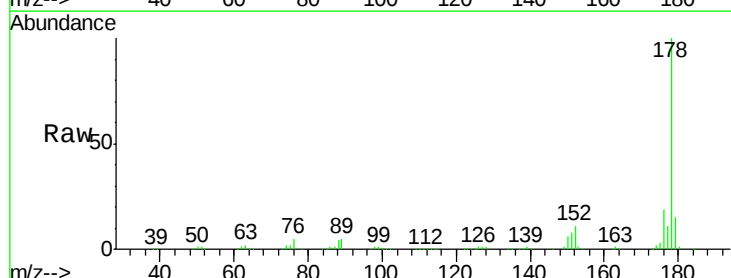


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

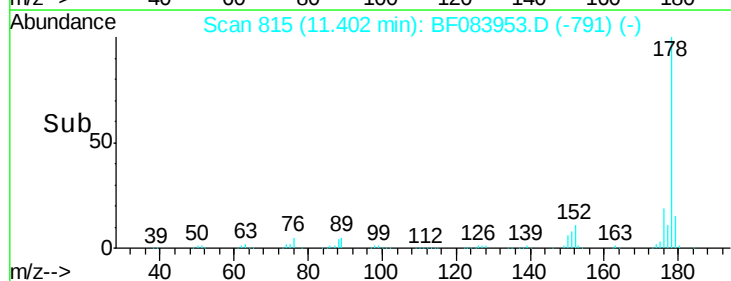
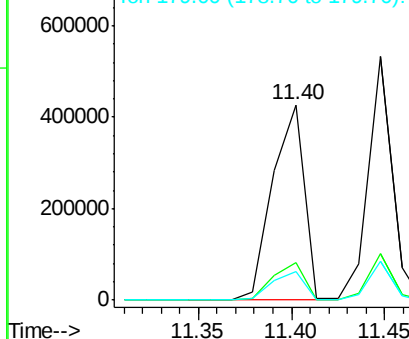


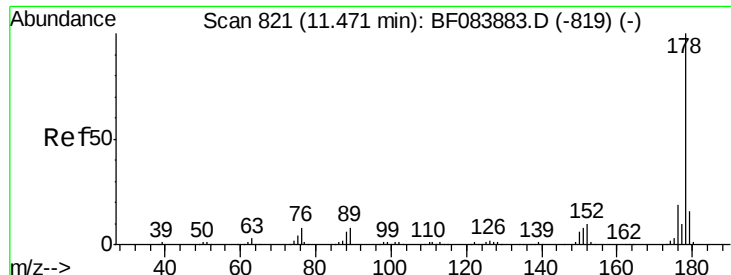
#70
 Phenanthrene
 Concen: 40.60 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	505910		
176	19.2	15.3	22.9	
179	14.9	12.0	18.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





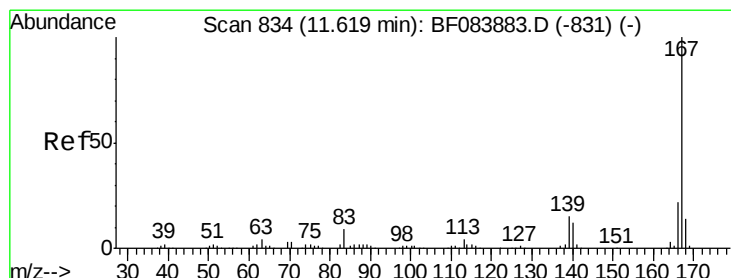
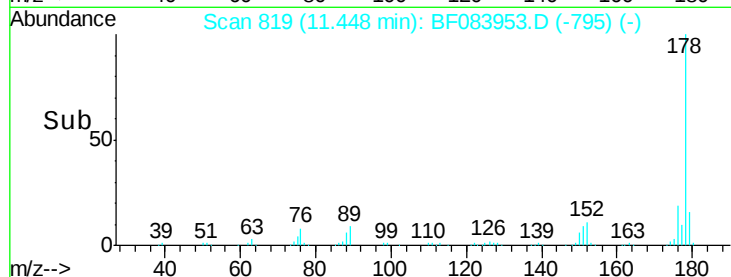
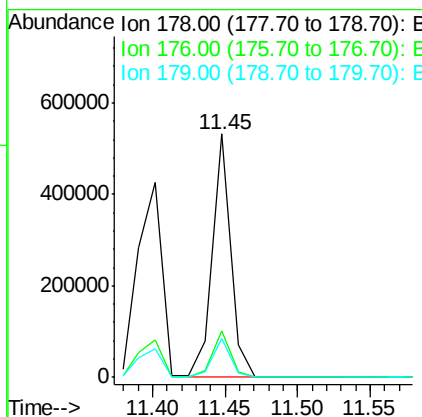
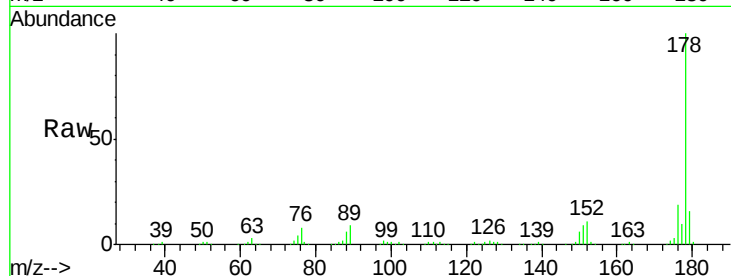
#71
 Anthracene
 Concen: 39.11 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.5	18.7

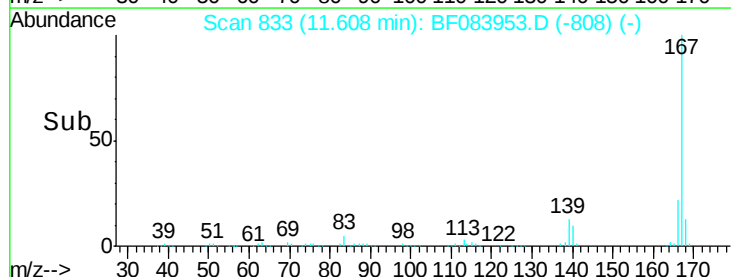
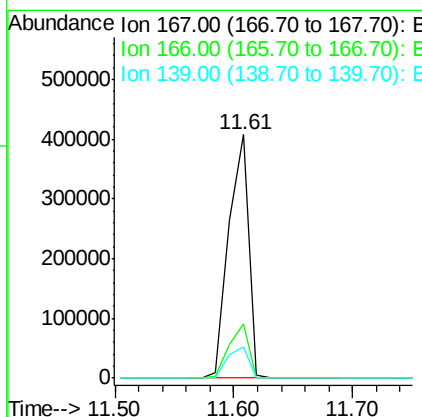
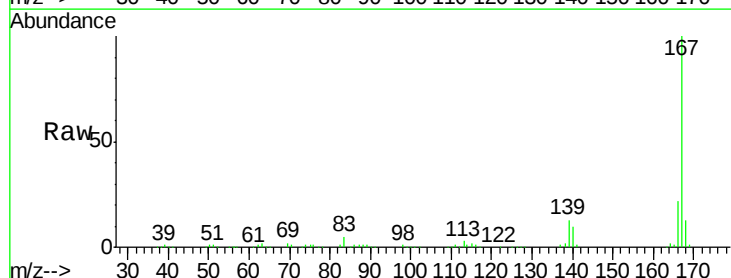
Manual Integrations
 APPROVED

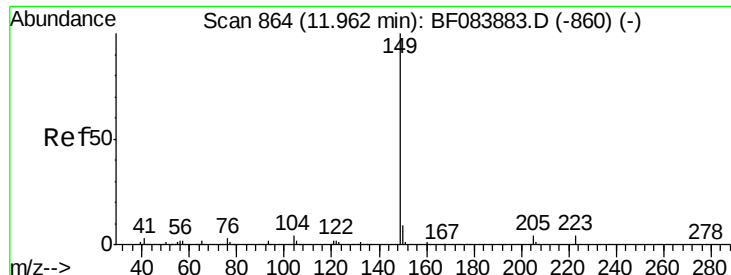
apatel
 12/22/2015 12:00:08 PM



#72
 Carbazole
 Concen: 39.75 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.9	11.8	17.8





#73

Di-n-butylphthalate

Concen: 44.39 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

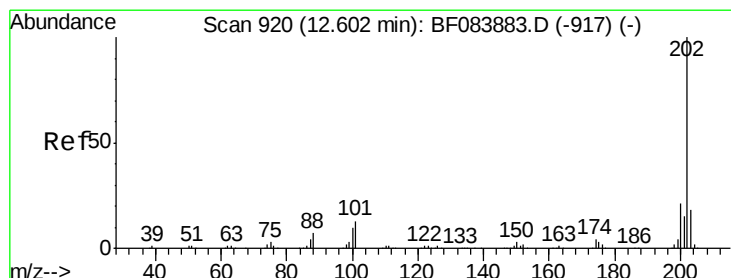
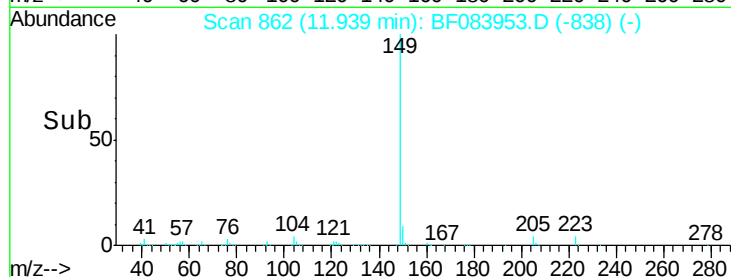
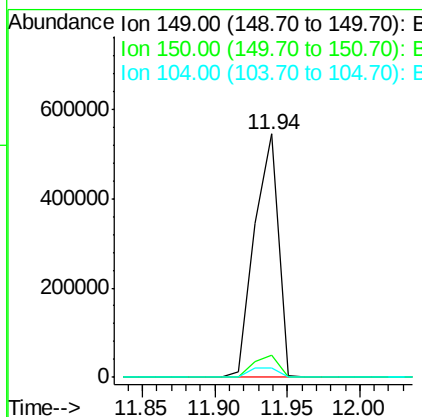
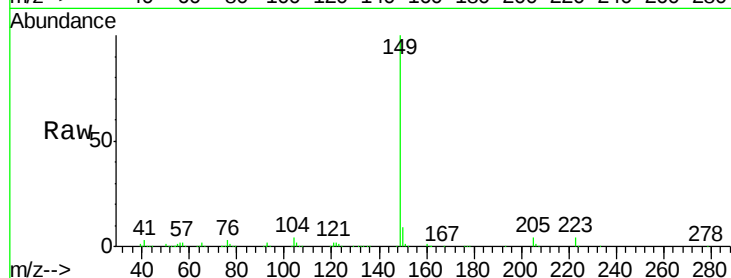
ClientSampleId :

PB87185BS

Tot Ion:	149	Resp:	620707
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	4.1	3.2	4.8

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#74

Fluoranthene

Concen: 37.90 ng

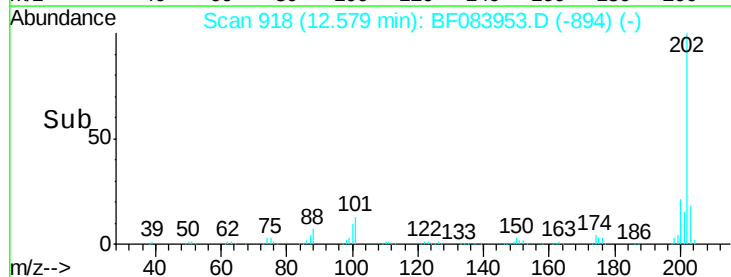
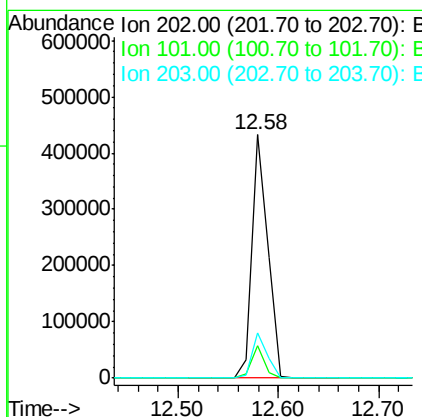
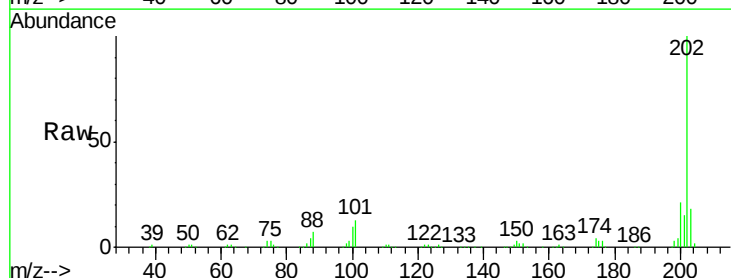
RT: 12.58 min Scan# 918

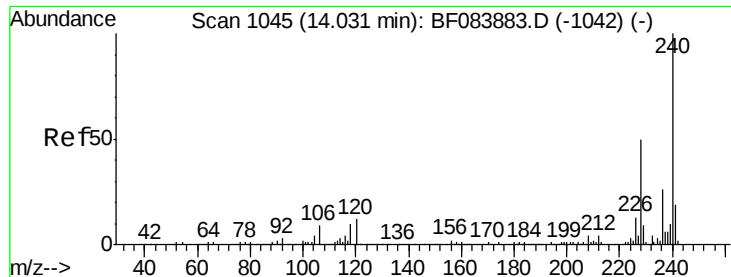
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	202	Resp:	471219
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	32.8
203	18.4	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

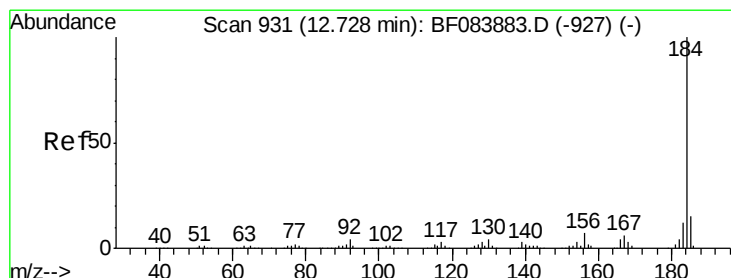
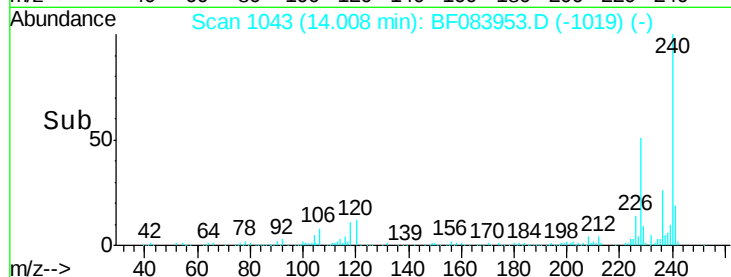
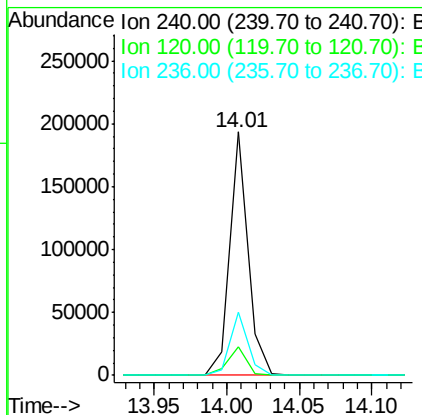
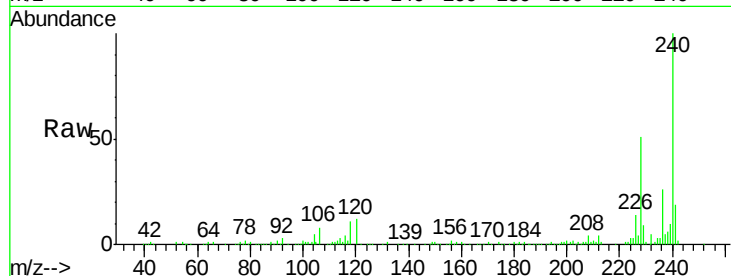
ClientSampleId :

PB87185BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.1	20.6	31.0

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#76

Benzidine

Concen: 21.77 ng

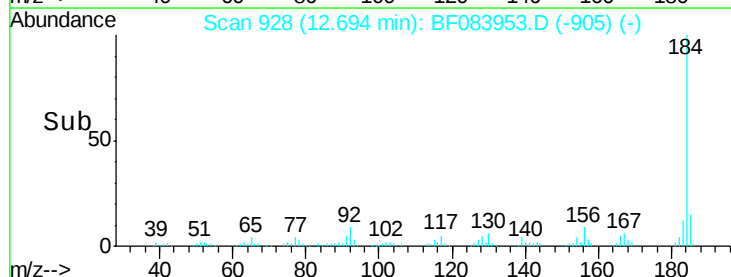
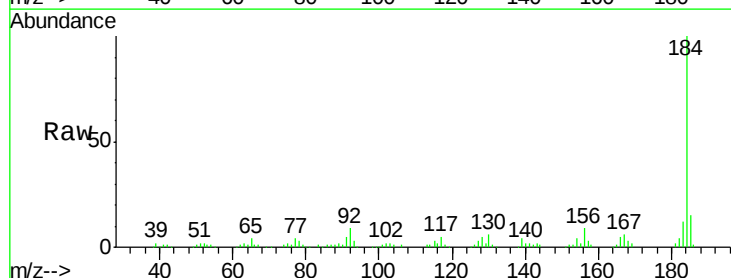
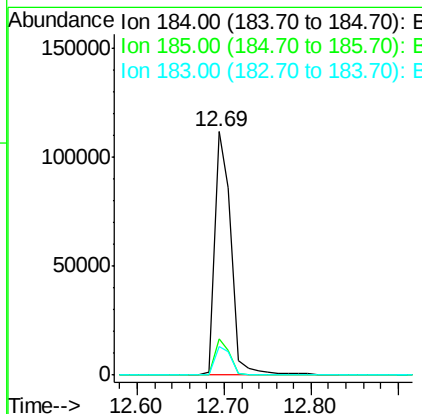
RT: 12.69 min Scan# 928

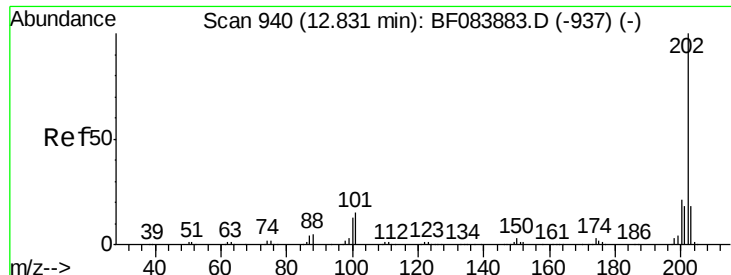
Delta R.T. -0.03 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	11.9	9.8	14.8





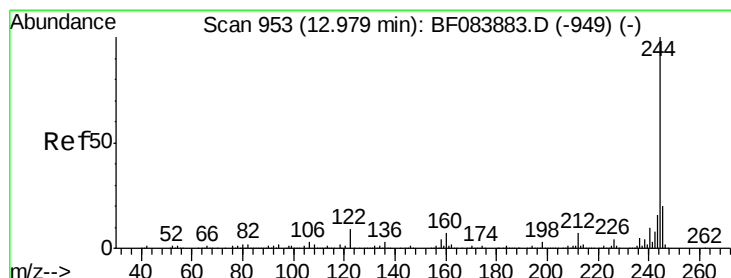
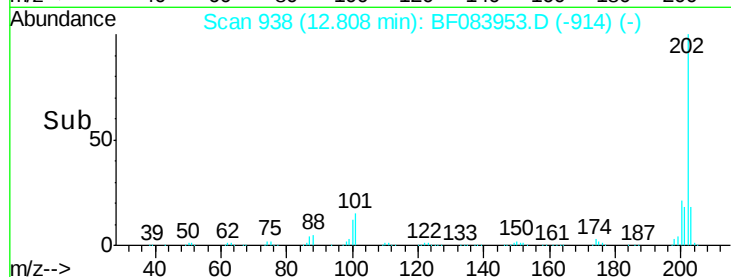
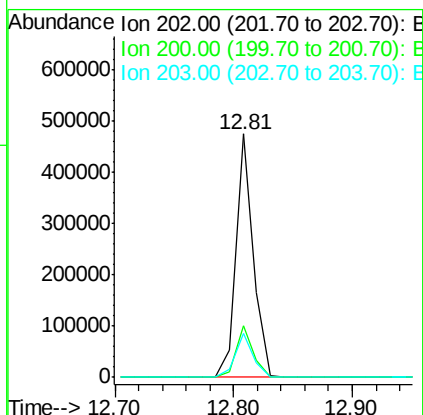
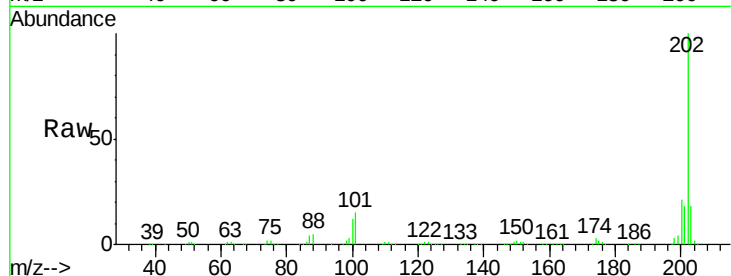
#77
Pvrene
Concen: 44.55 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.2	14.3	21.5

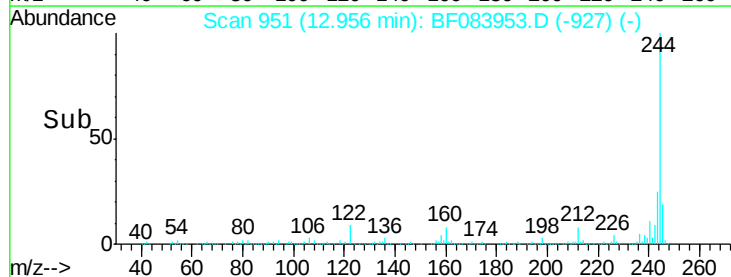
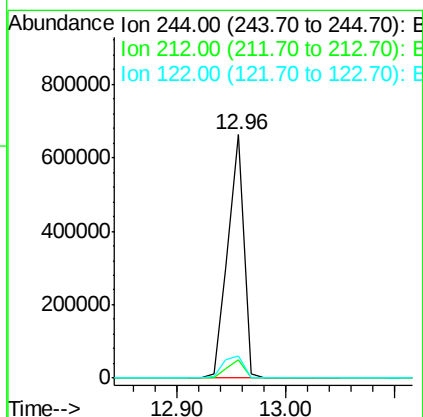
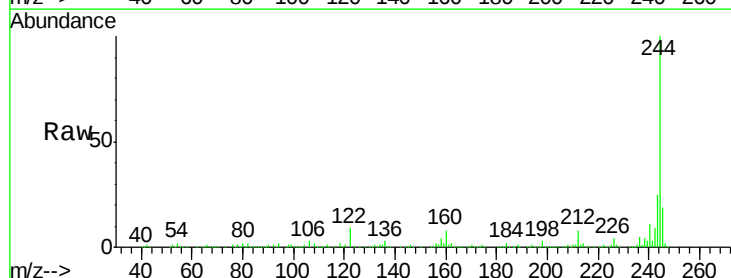
Manual Integrations
APPROVED

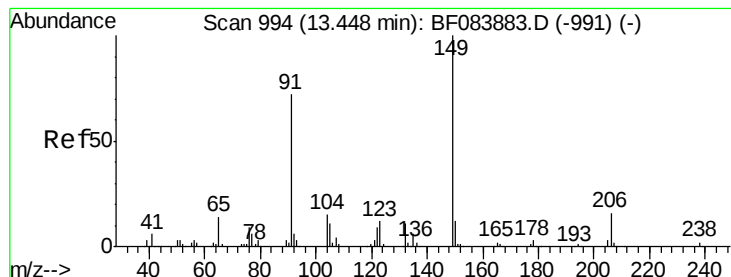
apatel
12/22/2015 12:00:08 PM



#78
Terphenyl-d14
Concen: 94.10 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	9.3	7.4	11.0





#79

Butylbenzylphthalate

Concen: 44.12 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

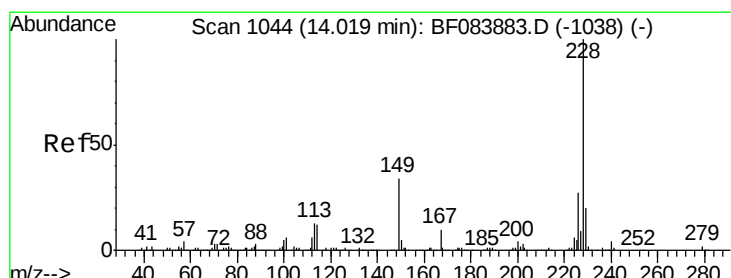
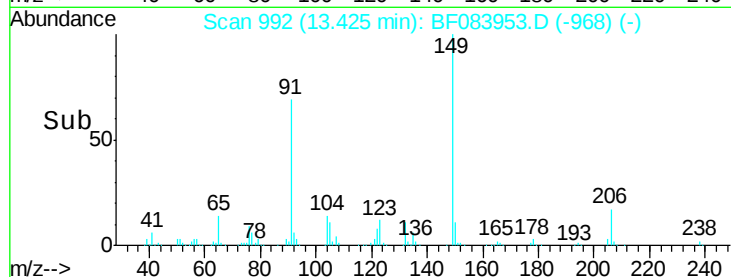
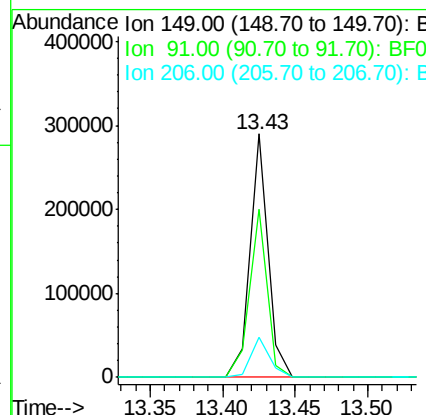
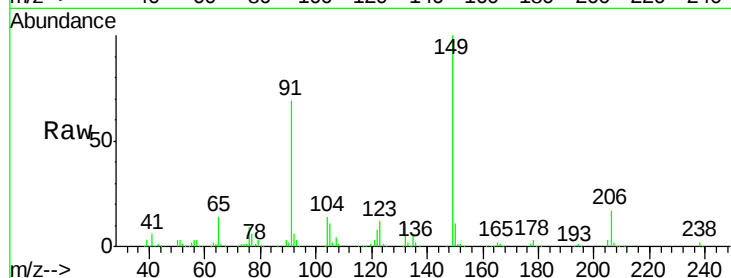
ClientSampleId :

PB87185BS

Tot Ion:	149	Resp:	248876
Ion Ratio	Lower	Upper	
149	100		
91	68.9	57.6	86.4
206	16.5	13.2	19.8

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#80

Benzo(a)anthracene

Concen: 38.92 ng

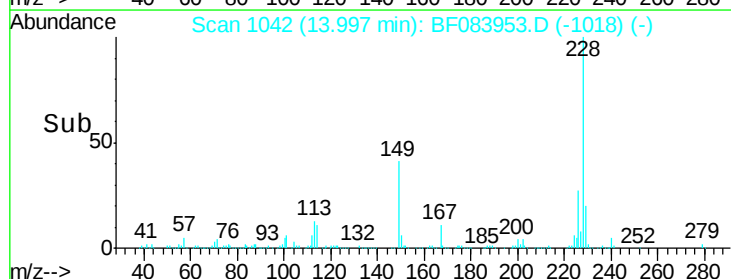
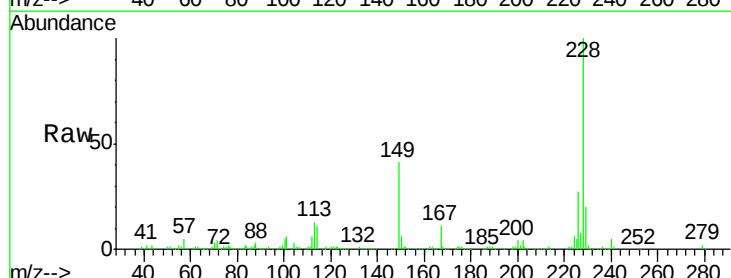
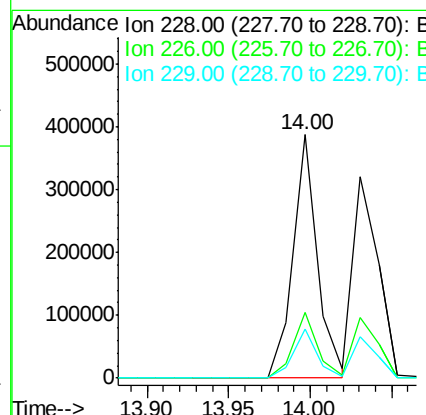
RT: 14.00 min Scan# 1042

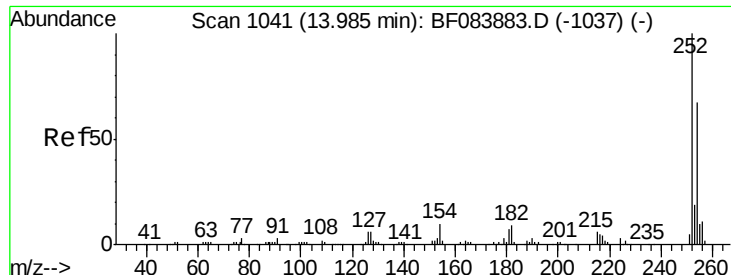
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:	228	Resp:	405528
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.6
229	20.0	15.8	23.8





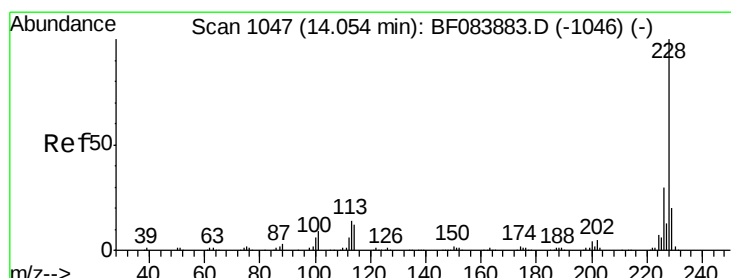
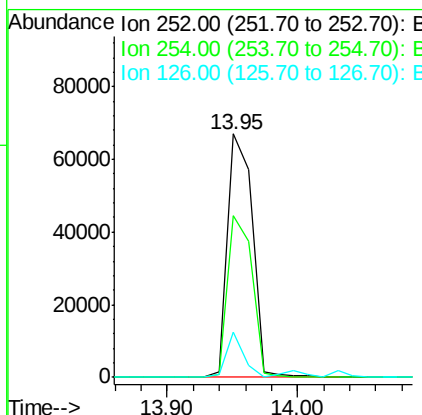
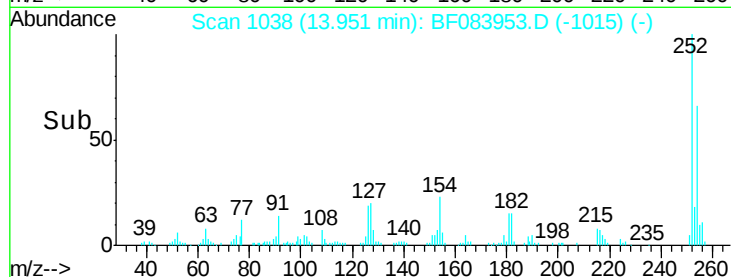
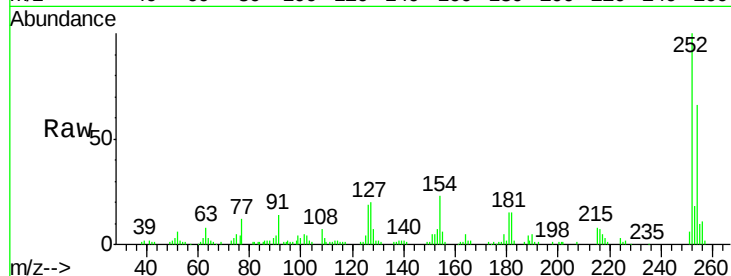
#81
 3,3'-Dichlorobenzidine
 Concen: 22.65 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	53.5	80.3
126	18.8	4.9	7.3

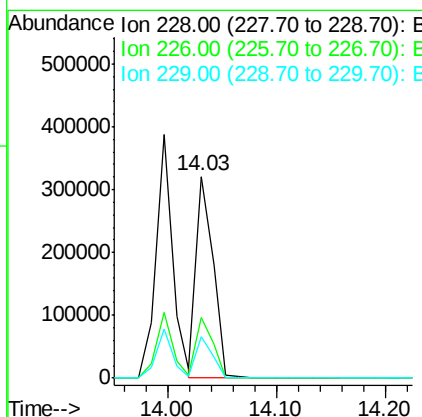
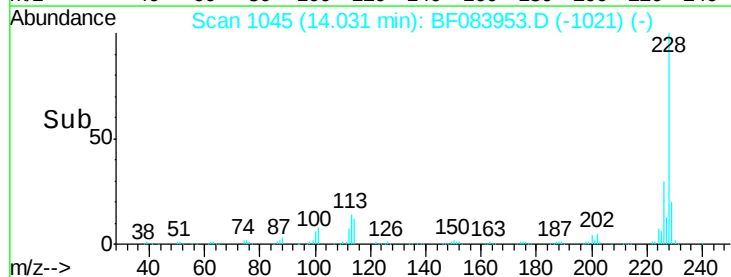
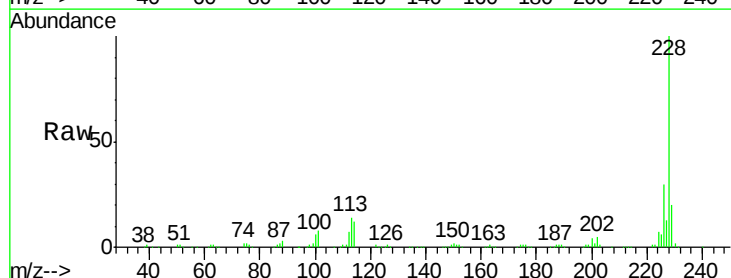
Manual Integrations
 APPROVED

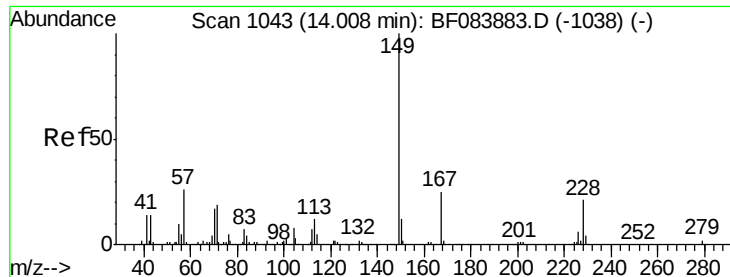
apatel
 12/22/2015 12:00:08 PM



#82
 Chrysene
 Concen: 34.92 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.3	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.83 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

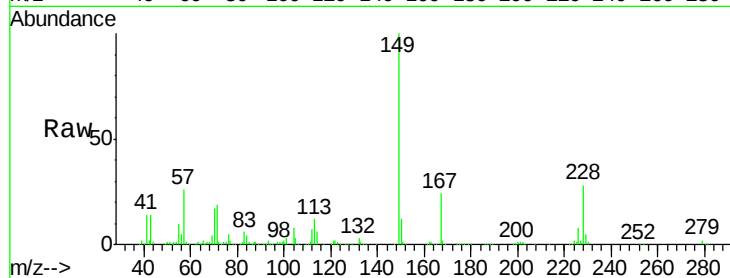
ClientSampleId :

PB87185BS

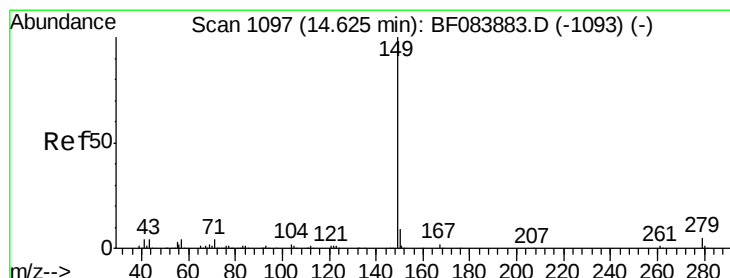
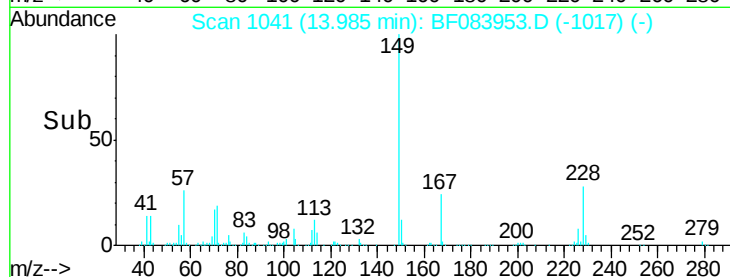
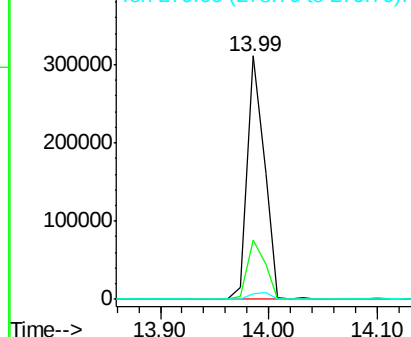
Tot Ion:	149	Resp:	337660
Ion Ratio		Lower	Upper
149	100		
167	24.4	19.7	29.5
279	2.3	1.8	2.6

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



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



#84

Di-n-octyl phthalate

Concen: 47.89 ng

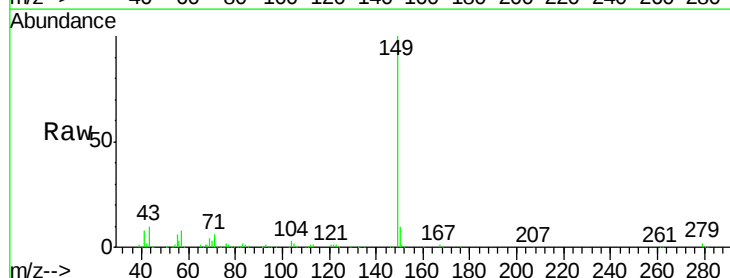
RT: 14.59 min Scan# 1094

Delta R.T. -0.03 min

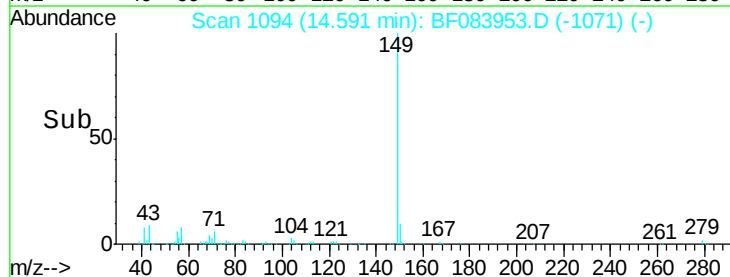
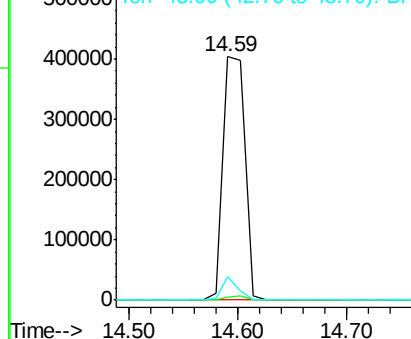
Lab File: BF083953.D

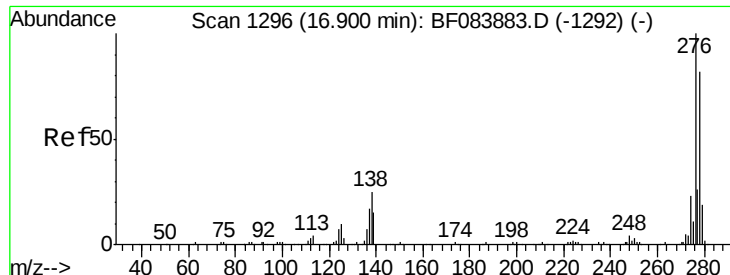
Acq: 19 Dec 2015 14:39

Tgt Ion:	149	Resp:	564482
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.9	5.6	8.4



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





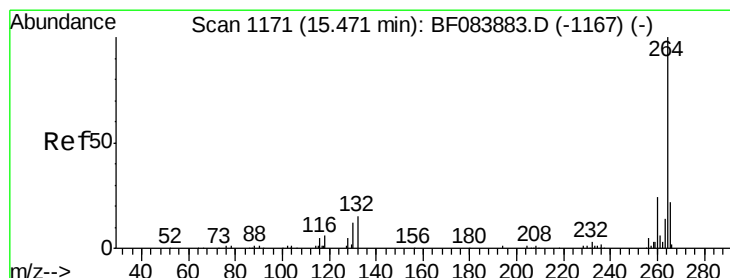
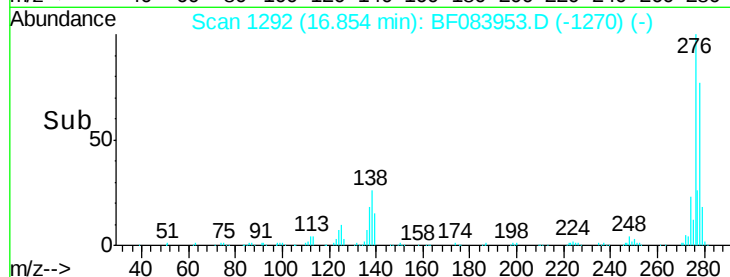
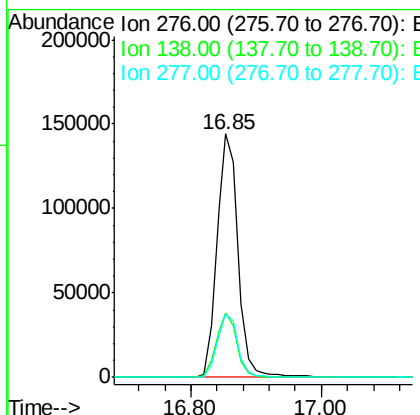
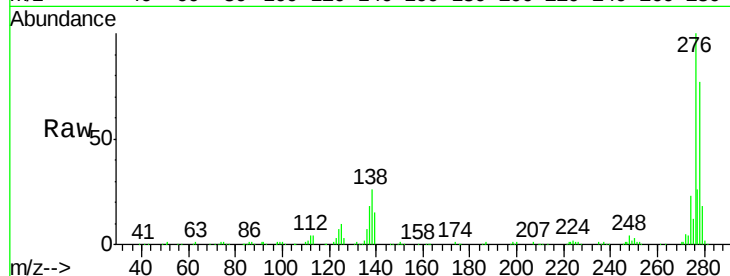
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.21 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	325222		
138	25.7		20.6	30.8
277	25.5		20.1	30.1

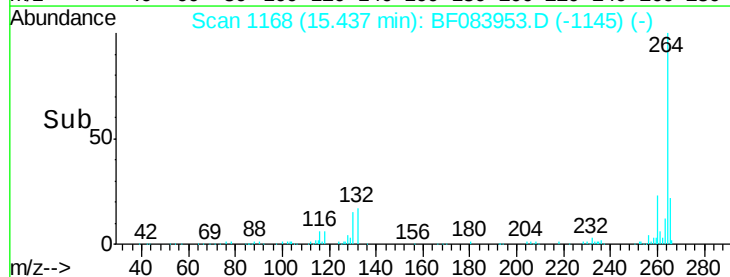
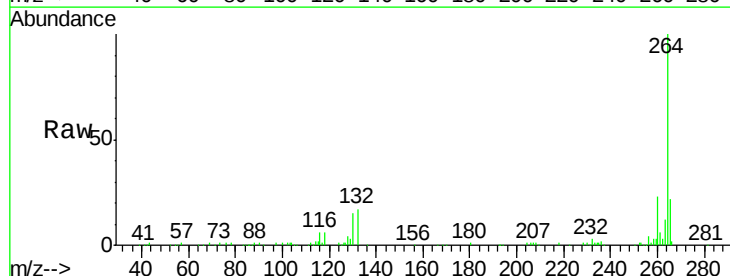
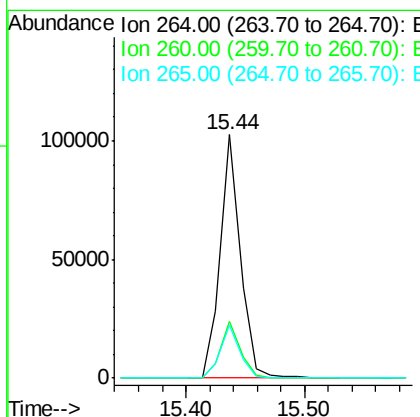
Manual Integrations
APPROVED

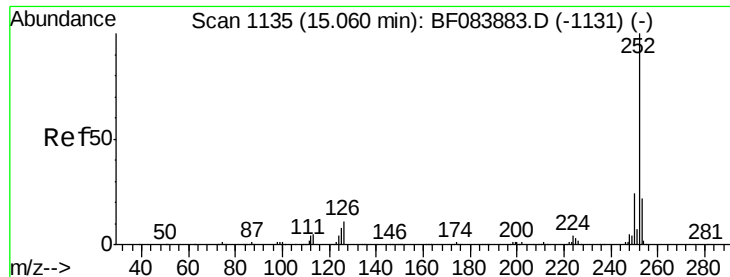
apatel
12/22/2015 12:00:08 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	120408		
260	23.5		19.4	29.2
265	21.6		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 48.65 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

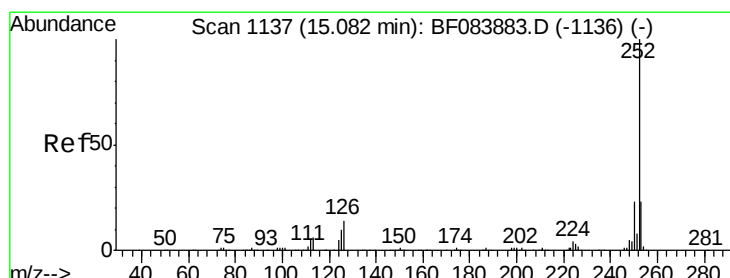
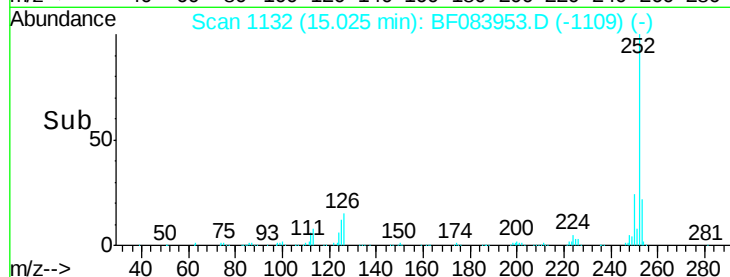
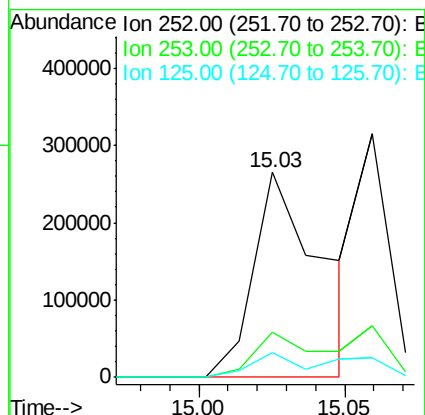
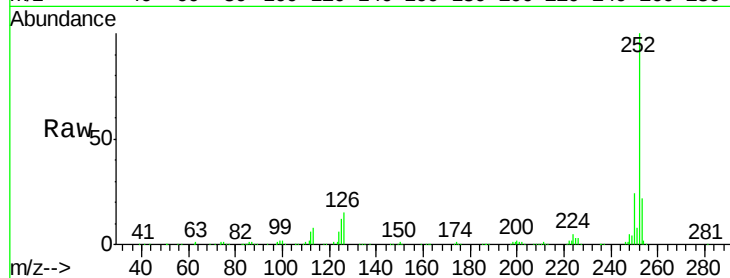
ClientSampleId :

PB87185BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	12.0	6.5	9.7#

Manual Integrations
APPROVED

apatel
12/22/2015 12:00:08 PM



#88

Benzo(k)fluoranthene

Concen: 34.47 ng m

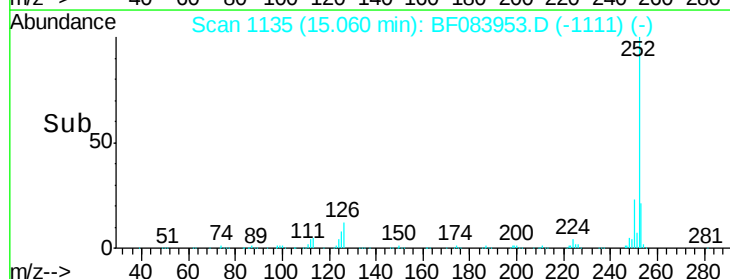
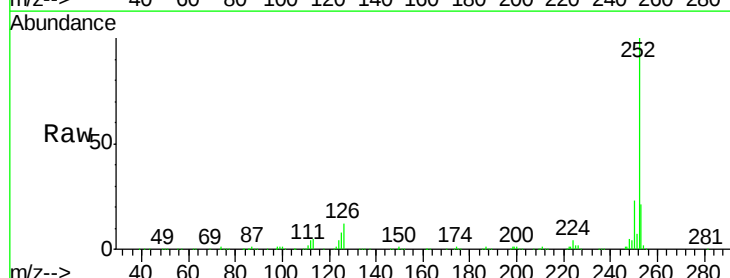
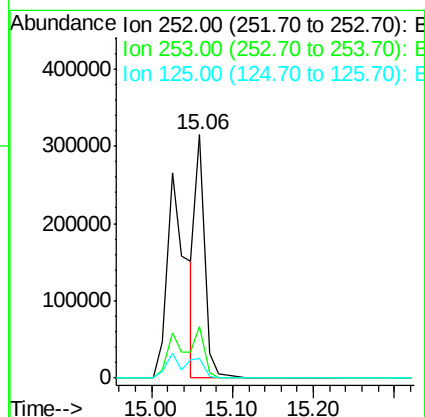
RT: 15.06 min Scan# 1135

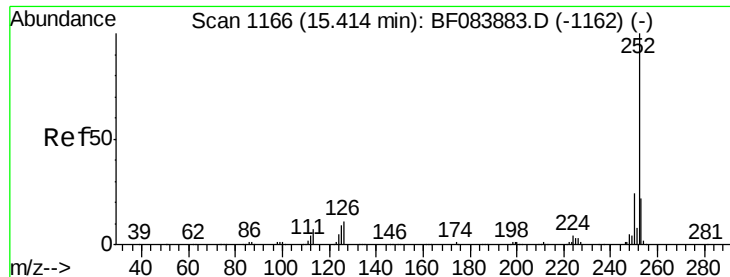
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	7.9	9.0	13.6#





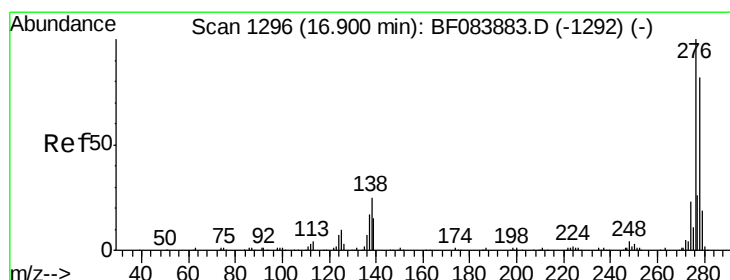
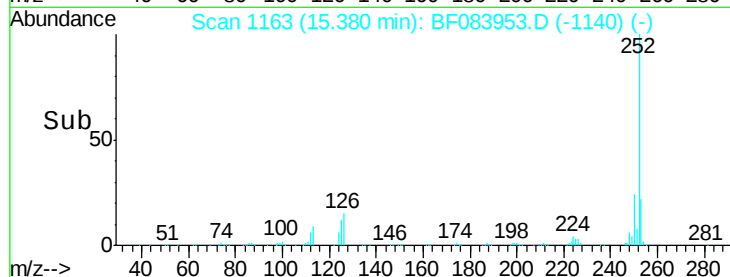
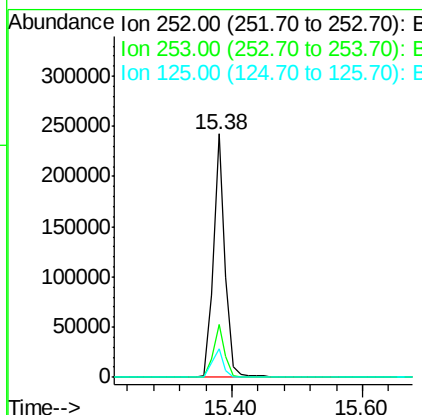
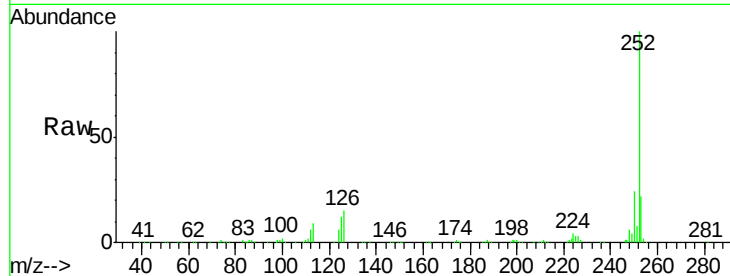
#89
Benzo(a)pyrene
Concen: 42.33 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	11.8	7.0	10.4

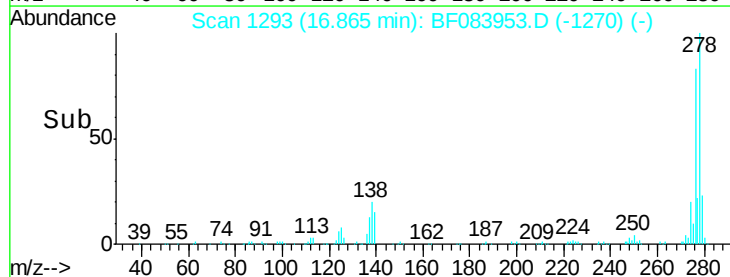
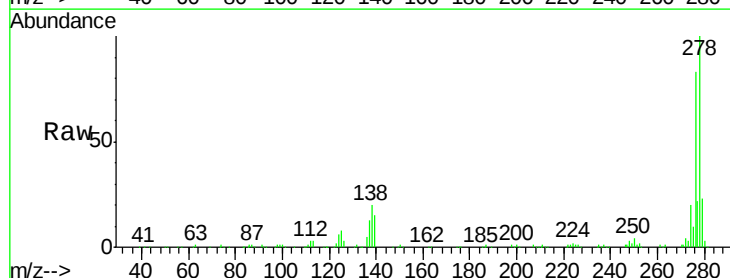
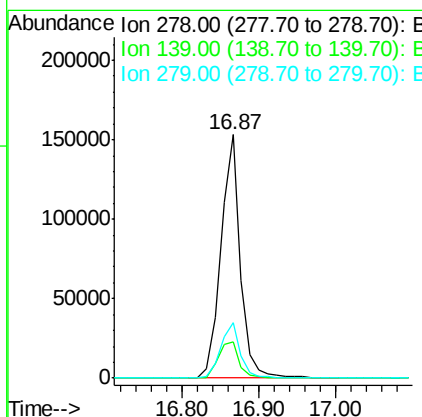
Manual Integrations
APPROVED

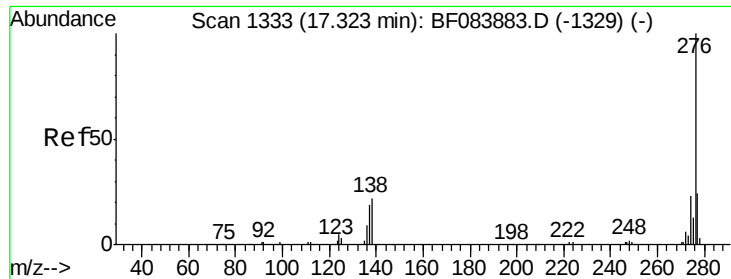
apatel
12/22/2015 12:00:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.55 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	15.0	22.4
279	22.7	18.9	28.3





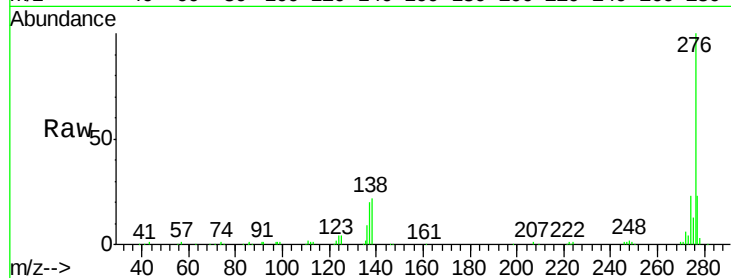
#91
 Benzo(a,h,i)perylene
 Concen: 49.19 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.05 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tot Ion:	276	Resp:	271873
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.8	28.2
138	21.8	17.8	26.6

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:00:08 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

