

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096996.D
 Acq On : 24 Jul 2017 20:24
 Operator : SJ/JU
 Sample : PB100872BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:36:22 PM

Quant Time: Jul 25 02:15:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	108485	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	520396	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	207949	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	356473	20.00	ng	-0.03
75) Chrysene-d12	13.64	240	228229	20.00	ng	-0.04
86) Perylene-d12	14.99	264	198195	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	933804	129.42	ng	-0.02
7) Phenol-d6	6.19	99	1068218	123.37	ng	-0.03
23) Nitrobenzene-d5	7.09	82	650810	77.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	207272	116.77	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	1165429	88.55	ng	-0.03
78) Terphenyl-d14	12.60	244	876153	66.58	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.14	88	126698	34.127	ng	# 71
3) Pyridine	2.76	79	366529	46.977	ng	# 66
4) n-Nitrosodimethylamine	2.71	42	206175	47.253	ng	# 85
6) Aniline	6.17	93	330603	30.998	ng	# 86
8) 2-Chlorophenol	6.31	128	338225	43.453	ng	# 97
9) Benzaldehyde	6.06	77	136698	27.316	ng	# 98
10) Phenol	6.20	94	425608	43.483	ng	# 95
11) bis(2-Chloroethyl)ether	6.26	93	350629	47.637	ng	# 93
12) 1,3-Dichlorobenzene	6.46	146	357462	43.204	ng	# 98
13) 1,4-Dichlorobenzene	6.53	146	351735	41.979	ng	# 96
14) 1,2-Dichlorobenzene	6.69	146	315865	41.446	ng	# 96
15) Benzyl Alcohol	6.67	79	244404	43.116	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	716065	47.140	ng	# 61
17) 2-Methylphenol	6.80	107	285621	47.188	ng	# 91
18) Hexachloroethane	7.02	117	128232	43.160	ng	# 79
19) n-Nitroso-di-n-propylamine	6.95	70	229558	44.008	ng	# 85
20) 3+4-Methylphenols	6.96	107	360016	49.015	ng	# 63
22) Acetophenone	6.93	105	456212	39.224	ng	# 96
24) Nitrobenzene	7.10	77	344879	39.691	ng	# 91
25) Isophorone	7.35	82	664615	42.524	ng	# 98
26) 2-Nitrophenol	7.42	139	199253	41.241	ng	# 90
27) 2,4-Dimethylphenol	7.48	122	318886	40.119	ng	# 97
28) bis(2-Chloroethoxy)methane	7.56	93	425680	40.306	ng	# 98
29) 2,4-Dichlorophenol	7.67	162	284147	39.493	ng	# 99
30) 1,2,4-Trichlorobenzene	7.75	180	262479	38.370	ng	# 99
31) Naphthalene	7.82	128	1049826	42.585	ng	# 99
32) Benzoic acid	7.63	122	178227	35.083	ng	# 95
33) 4-Chloroaniline	7.87	127	232462	23.800	ng	# 97
34) Hexachlorobutadiene	7.95	225	139918	38.314	ng	# 98
35) Caprolactam	8.25	113	96363m	41.800	ng	#
36) 4-Chloro-3-methylphenol	8.39	107	290186	37.510	ng	# 93
37) 2-Methylnaphthalene	8.51	142	637829	40.583	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	218070	38.793	ng	# 98
40) Hexachlorocyclopentadiene	8.67	237	180577	85.074	ng	# 99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096996.D
 Acq On : 24 Jul 2017 20:24
 Operator : SJ/JU
 Sample : PB100872BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB100872BS

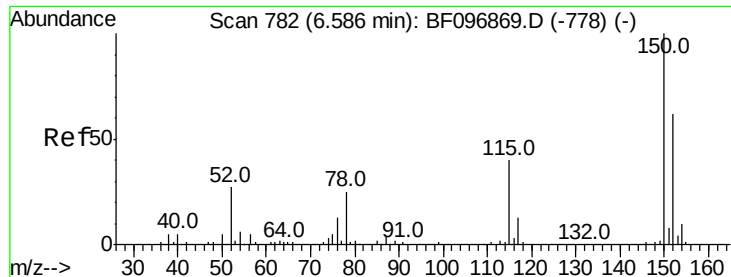
Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:36:22 PM

Quant Time: Jul 25 02:15:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	165993	40.032	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	182414	43.620	nq	98
45) 1,1'-Biphenyl	8.97	154	726946	40.761	nq	97
46) 2-Chloronaphthalene	9.00	162	569538	43.368	nq	94
47) 2-Nitroaniline	9.10	65	224082	49.640	nq	96
48) Acenaphthylene	9.41	152	857340	40.973	nq	98
49) Dimethylphthalate	9.29	163	665084	42.476	nq	99
50) 2,6-Dinitrotoluene	9.35	165	144279	42.541	nq #	82
51) Acenaphthene	9.58	154	500682	40.505	nq	99
52) 3-Nitroaniline	9.51	138	115671	28.790	nq	94
53) 2,4-Dinitrophenol	9.63	184	104253	63.592	nq #	73
54) Dibenzofuran	9.75	168	724996	41.855	nq	97
55) 4-Nitrophenol	9.70	139	210882	71.845	nq #	57
56) 2,4-Dinitrotoluene	9.75	165	174113	39.952	nq #	60
57) Fluorene	10.09	166	538964	42.106	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	130941	45.148	nq	97
59) Diethylphthalate	9.99	149	657577	43.140	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	226108	41.857	nq	97
61) 4-Nitroaniline	10.13	138	175278	46.458	nq	92
62) Azobenzene	10.25	77	631592	46.968	nq	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	86244	38.534	nq	89
65) n-Nitrosodiphenylamine	10.21	169	525056	41.205	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	146226	40.178	nq	96
67) Hexachlorobenzene	10.64	284	158912	39.204	nq #	88
68) Atrazine	10.75	200	155882	42.939	nq	92
69) Pentachlorophenol	10.84	266	124704	63.683	nq	98
70) Phenanthrene	11.05	178	820907	42.353	nq	99
71) Anthracene	11.10	178	841371	42.933	nq	98
72) Carbazole	11.26	167	793388	41.806	nq	99
73) Di-n-butylphthalate	11.60	149	1006208	42.573	nq	99
74) Fluoranthene	12.23	202	822165	44.315	nq	98
76) Benzidine	12.35	184	329671	44.092	nq #	93
77) Pyrene	12.45	202	843528	40.725	nq	99
79) Butylbenzylphthalate	13.08	149	420315	42.709	nq #	76
80) Benzo(a)anthracene	13.63	228	638260	44.883	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	148486	29.037	nq #	96
82) Chrysene	13.67	228	609222	43.518	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	514459	42.925	nq	99
84) Di-n-octyl phthalate	14.26	149	835672	42.182	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.24	276	483582	37.442	nq	97
87) Benzo(b)fluoranthene	14.63	252	499078	41.752	nq	97
88) Benzo(k)fluoranthene	14.66	252	464021	40.994	nq	97
89) Benzo(a)pyrene	14.94	252	474182	43.251	nq	99
90) Dibenzo(a,h)anthracene	16.24	278	391553	38.814	nq	98
91) Benzo(g,h,i)perylene	16.60	276	434642	40.235	nq	99

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



#1

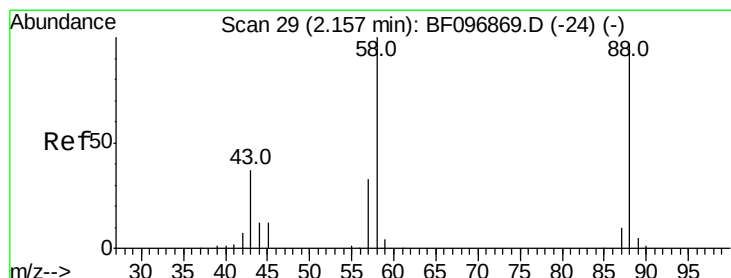
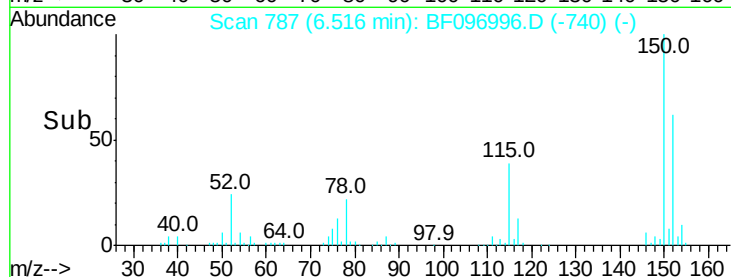
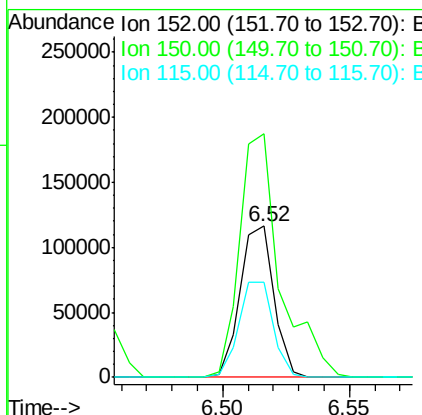
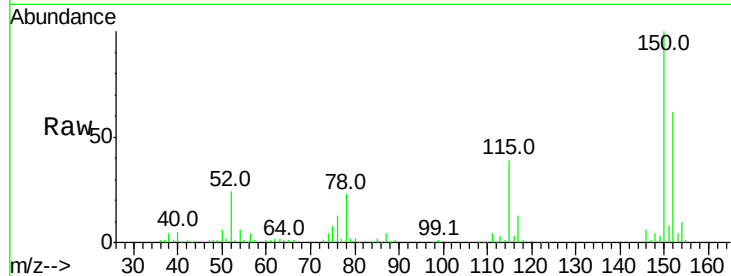
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampled :
PB100872BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.2	189.2
115	63.3	52.2	78.2

Manual Integrations
APPROVED

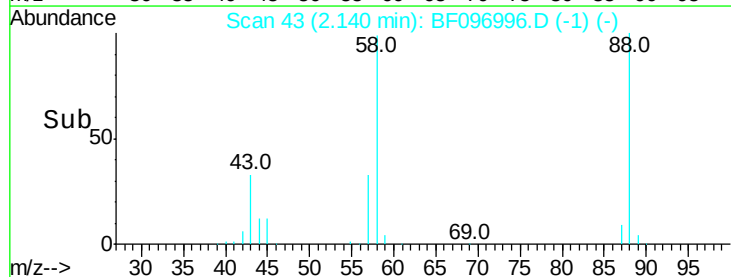
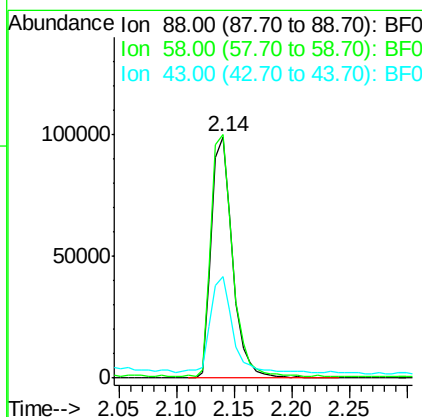
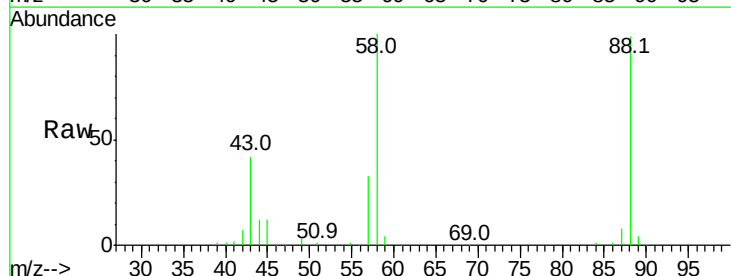
Sohil
7/25/2017 5:36:22 PM

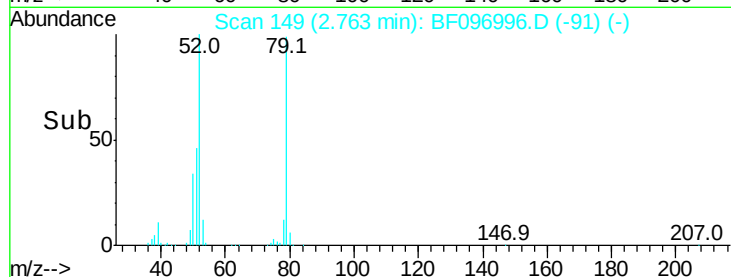
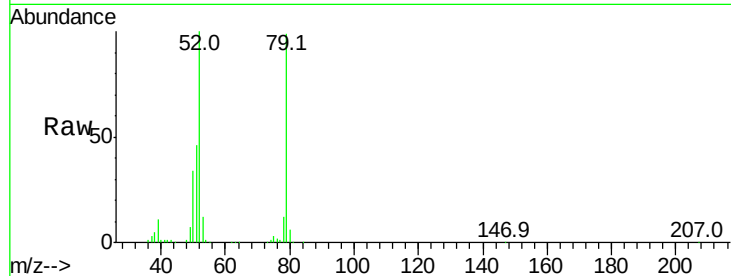
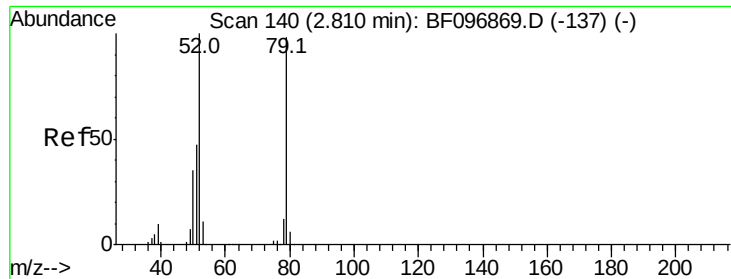


#2

1,4-Dioxane
Concen: 34.127 ng
RT: 2.14 min Scan# 43
Delta R.T. 0.05 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.8	61.4	92.0#
43	42.1	23.4	35.0#





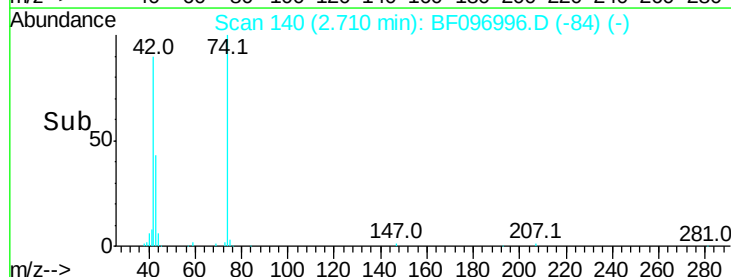
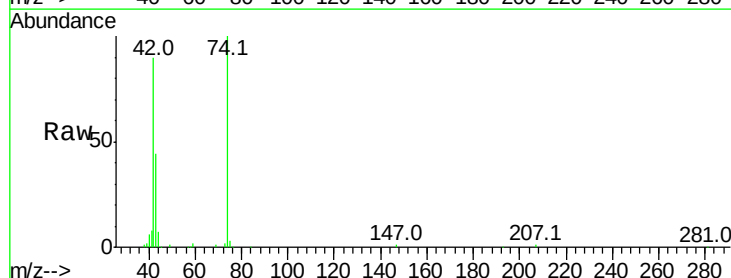
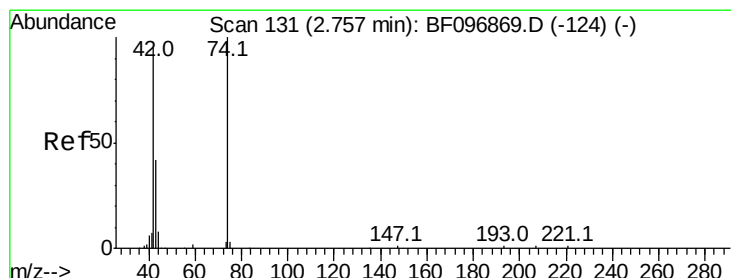
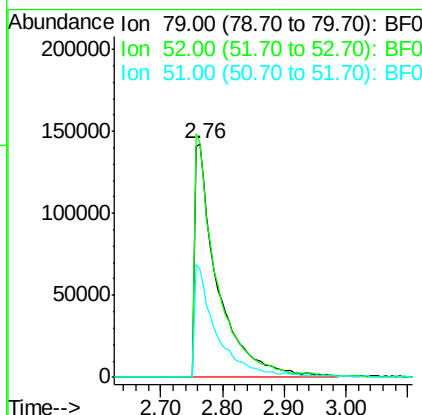
#3
 Pvridine
 Concen: 46.977 ng
 RT: 2.76 min Scan# 149
 Delta R.T. 0.04 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.6	54.8	82.2#
51	46.3	27.0	40.4#

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

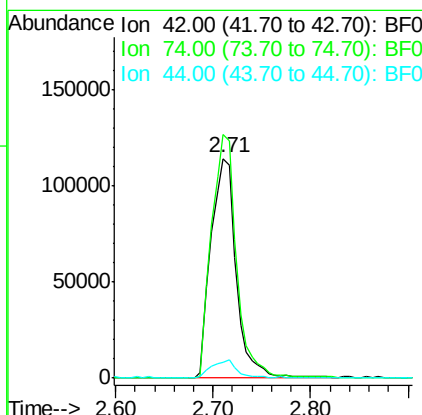
Manual Integrations
 APPROVED

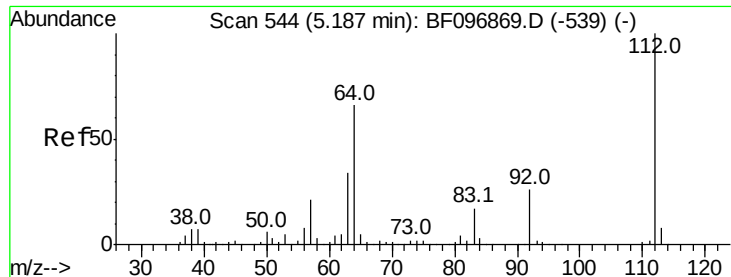
Sohil
 7/25/2017 5:36:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 47.253 ng
 RT: 2.71 min Scan# 140
 Delta R.T. 0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.0	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 129.424 ng

RT: 5.13 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

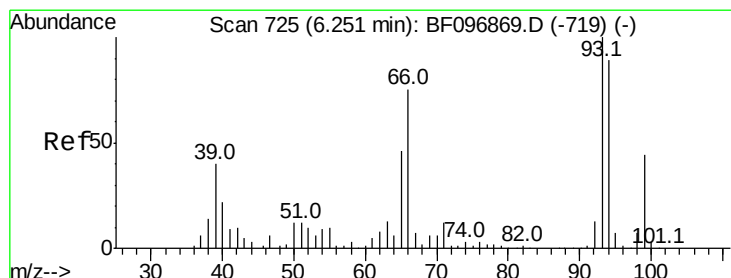
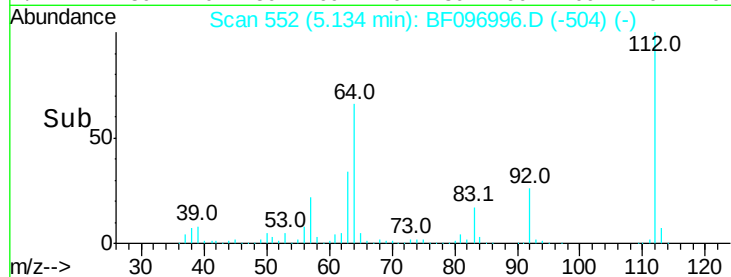
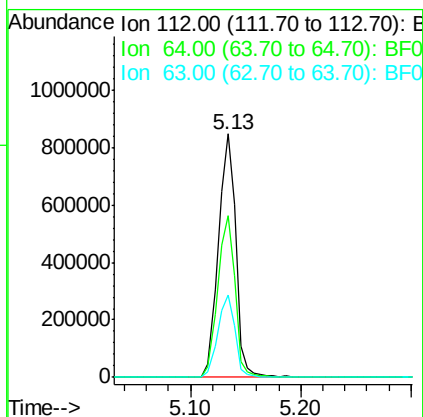
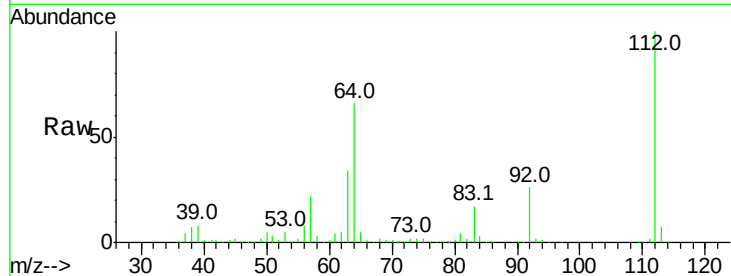
ClientSampled :

PB100872BS

Tot Ion:	112	Resp:	933804
Ion Ratio	Lower	Upper	
112	100		
64	66.2	46.0	69.0
63	34.1	23.4	35.0

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#6

Aniline

Concen: 30.998 ng

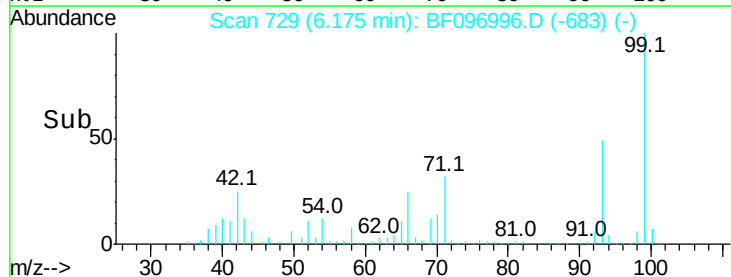
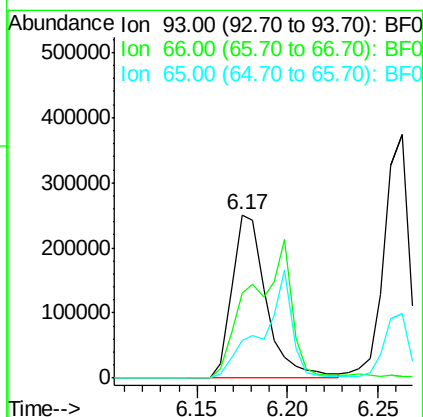
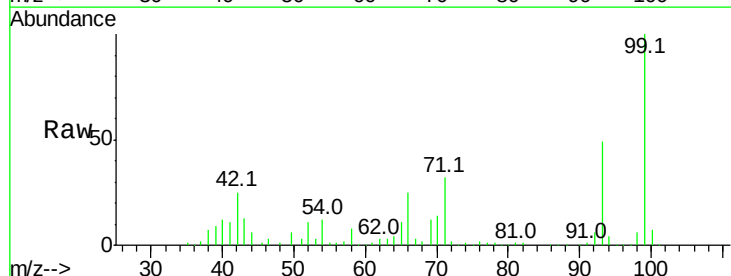
RT: 6.17 min Scan# 729

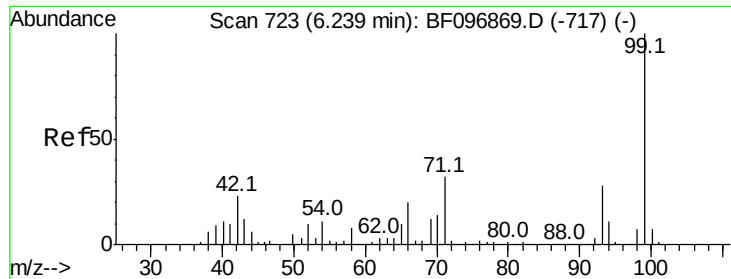
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:	93	Resp:	330603
Ion Ratio	Lower	Upper	
93	100		
66	51.6	32.9	49.3#
65	23.2	16.0	24.0





#7

Phenol-d6

Concen: 123.375 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampled :

PB100872BS

Tot Ion: 99 Resp: 1068218

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

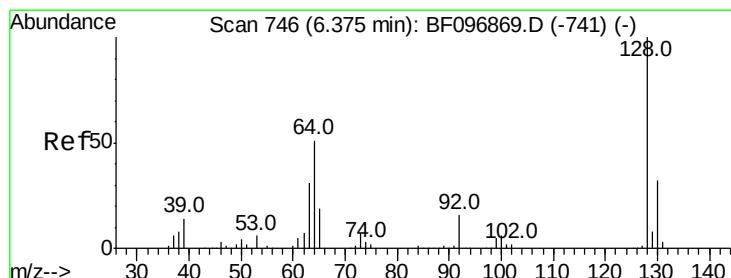
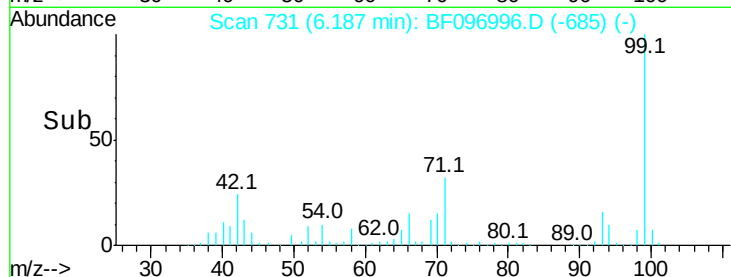
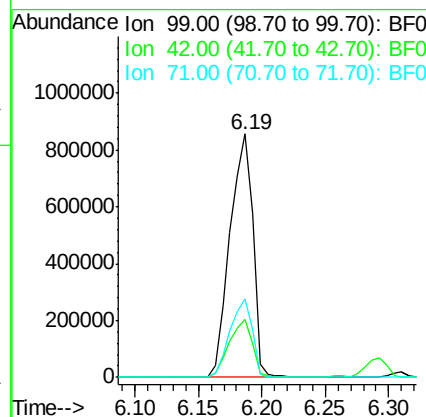
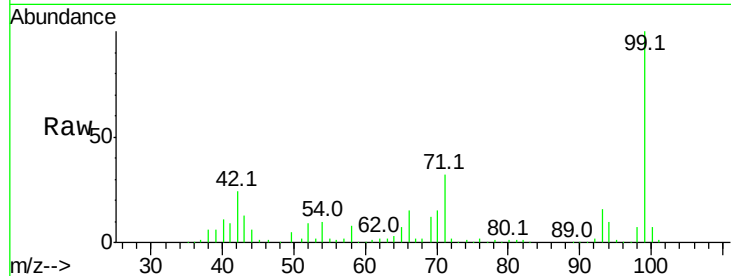
71 32.2 24.5 36.7

Manual Integrations

APPROVED

Sohil

7/25/2017 5:36:22 PM



#8

2-Chlorophenol

Concen: 43.453 ng

RT: 6.31 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

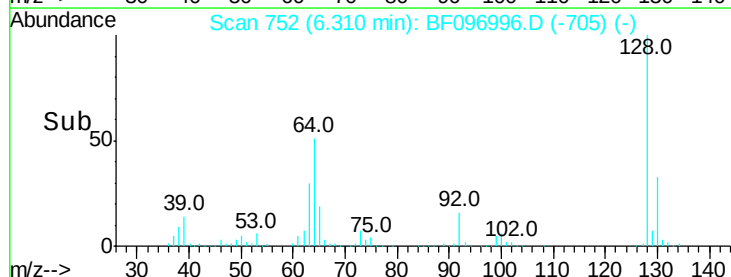
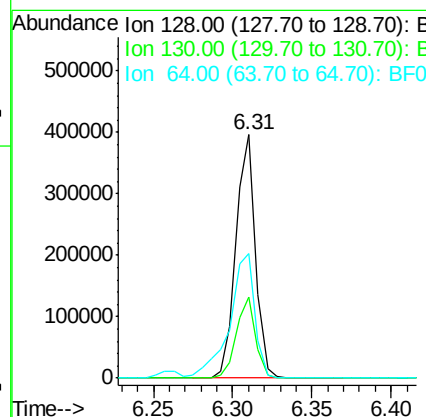
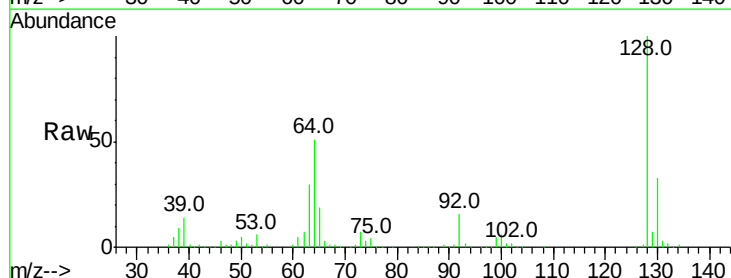
Tgt Ion:128 Resp: 338225

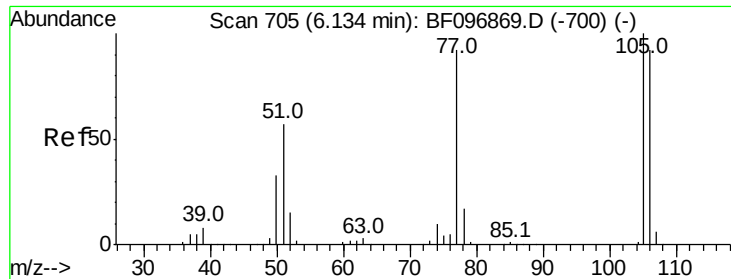
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 51.4 28.4 68.4





#9

Benzaldehyde

Concen: 27.316 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

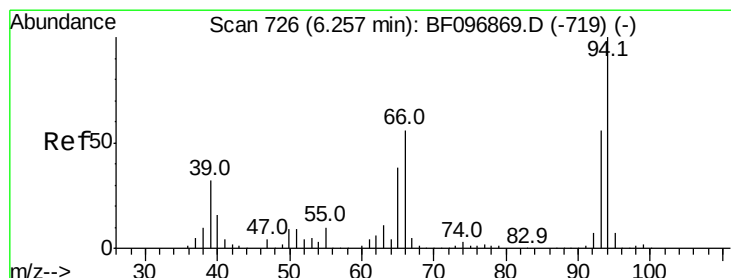
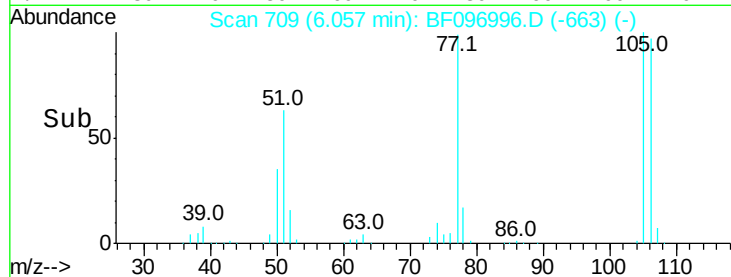
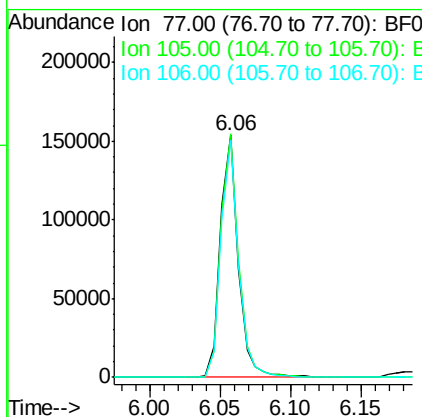
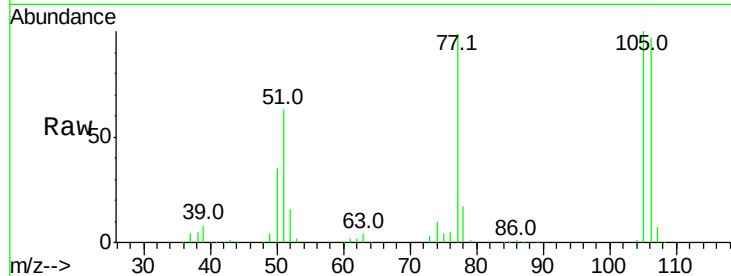
ClientSampleId :

PB100872BS

Tot Ion:	77	Resp:	136698
Ion Ratio	Lower	Upper	
77	100		
105	100.6	83.8	123.8
106	98.0	79.1	119.1

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#10

Phenol

Concen: 43.483 ng

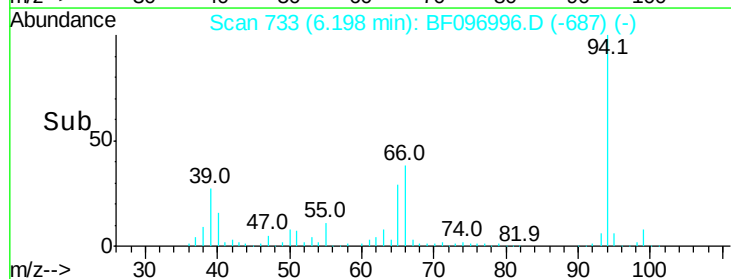
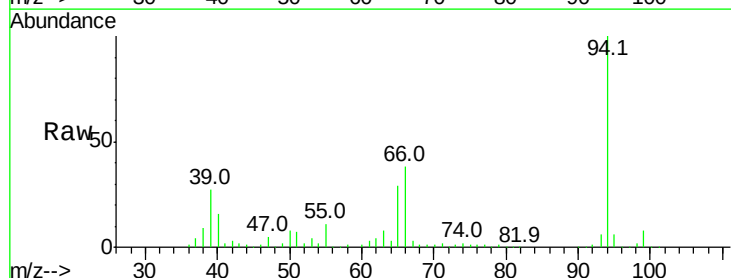
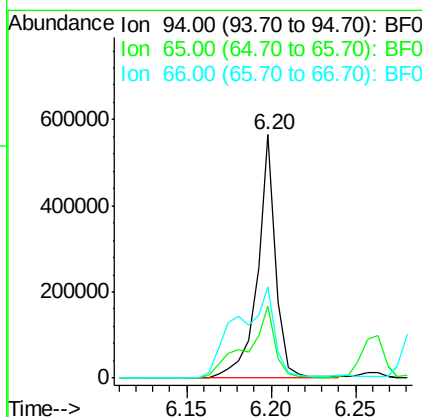
RT: 6.20 min Scan# 733

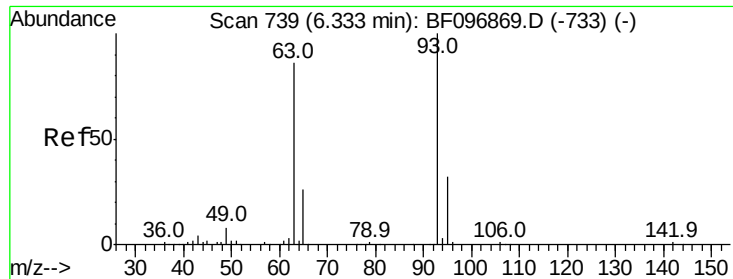
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:	94	Resp:	425608
Ion Ratio	Lower	Upper	
94	100		
65	29.5	9.9	49.9
66	37.8	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 47.637 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

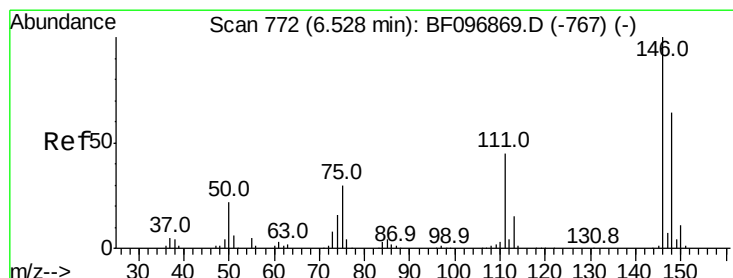
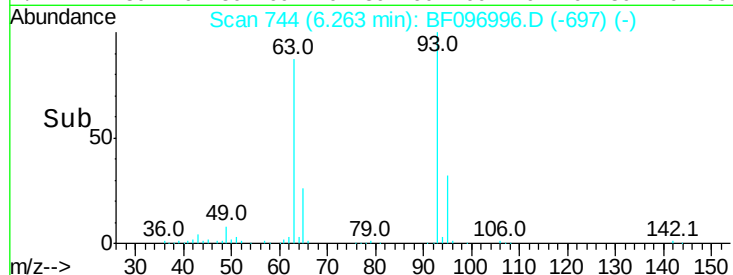
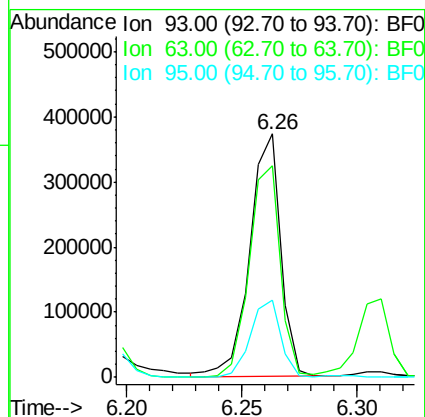
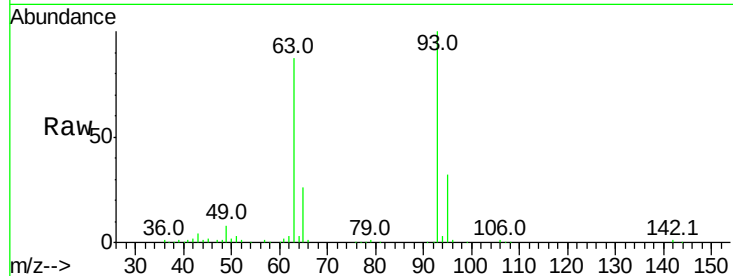
ClientSampleId :

PB100872BS

Tot Ion:	93	Resp:	350629
Ion Ratio	Lower	Upper	
93	100		
63	87.0	59.2	99.2
95	32.0	12.8	52.8

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#12

1,3-Dichlorobenzene

Concen: 43.204 ng

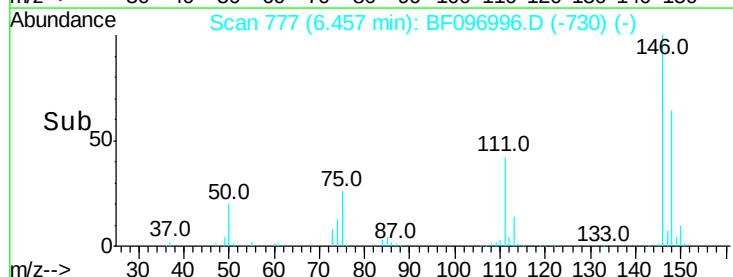
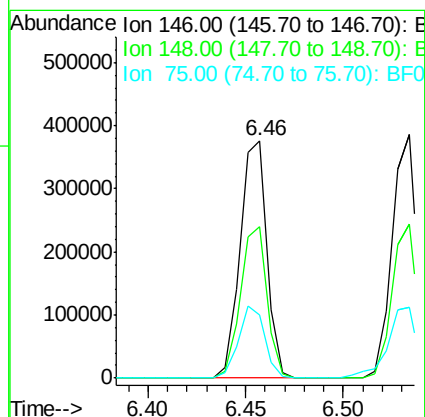
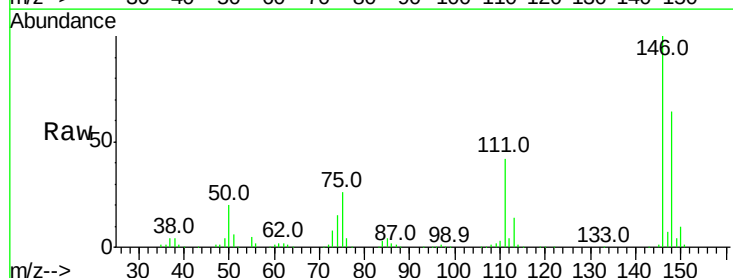
RT: 6.46 min Scan# 777

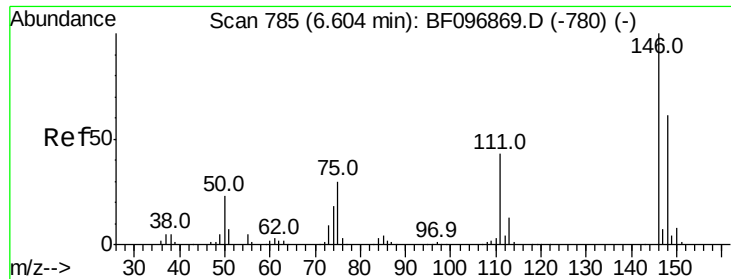
Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:	146	Resp:	357462
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	26.4	23.1	34.7





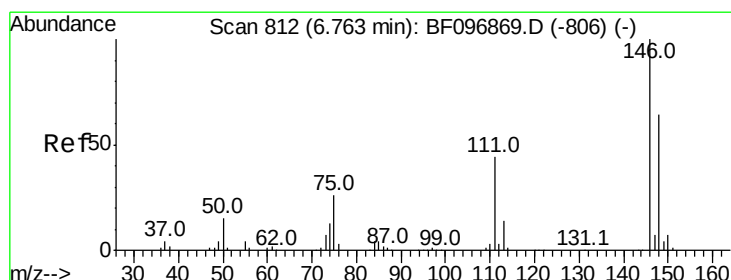
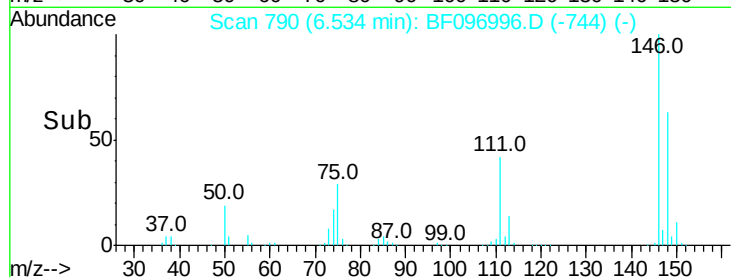
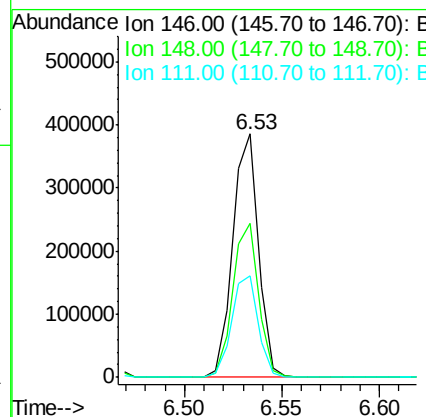
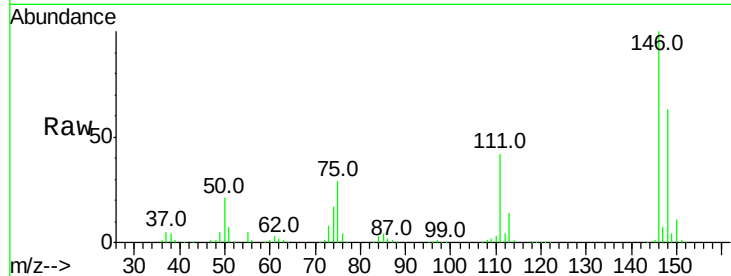
#13
 1,4-Dichlorobenzene
 Concen: 41.979 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampled :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	41.7	30.3	45.5

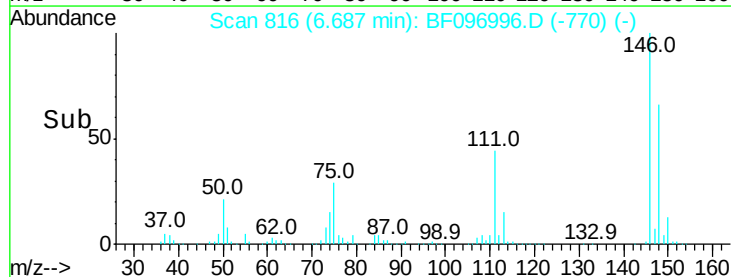
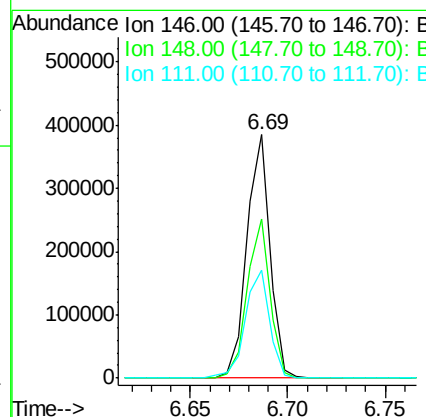
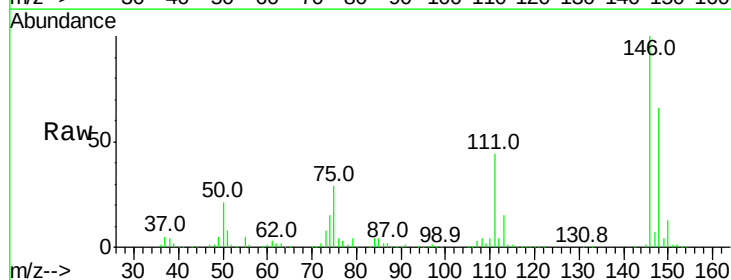
Manual Integrations
 APPROVED

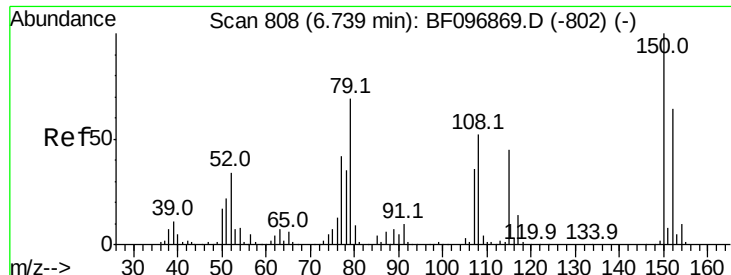
Sohil
 7/25/2017 5:36:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.446 ng
 RT: 6.69 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.4	75.6
111	44.2	38.2	57.4





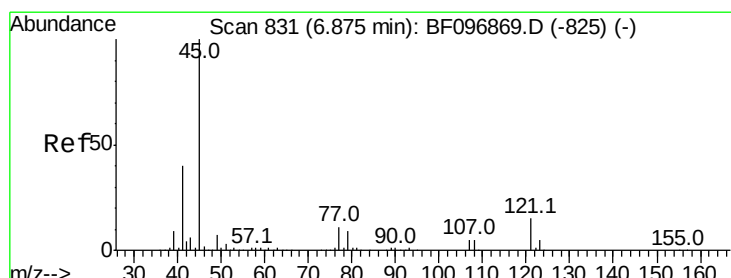
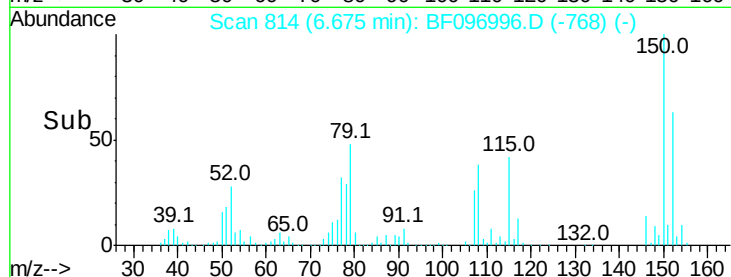
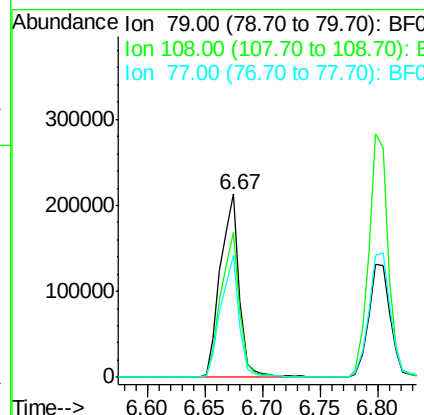
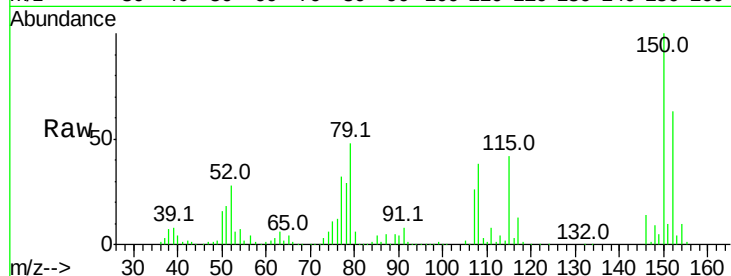
#15
Benzyl Alcohol
Concen: 43.116 ng
RT: 6.67 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampled :
PB100872BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	63.4	95.0
77	66.4	49.2	73.8

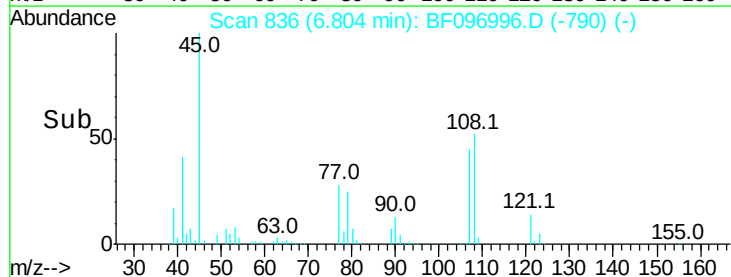
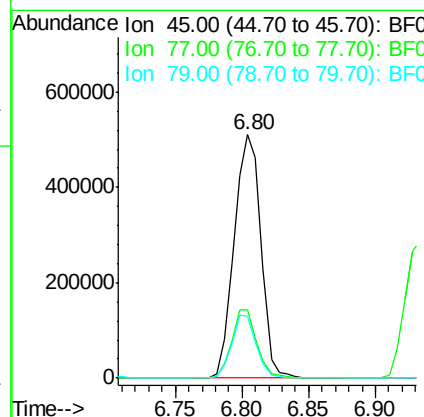
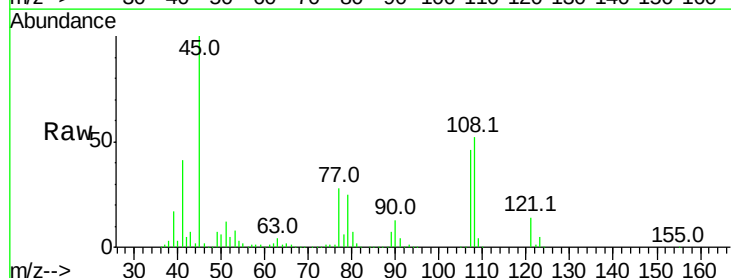
Manual Integrations
APPROVED

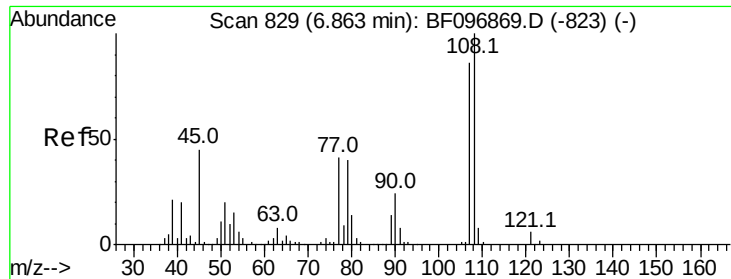
Sohil
7/25/2017 5:36:22 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.140 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.3	0.0	33.2
79	25.4	0.0	30.0





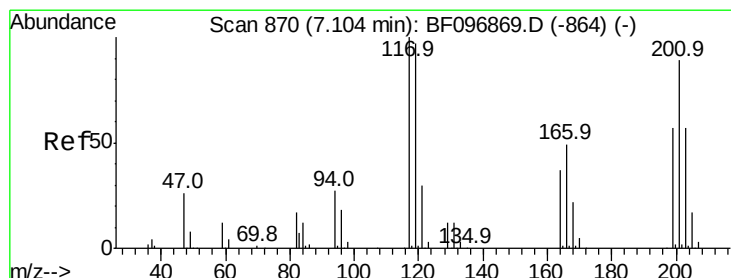
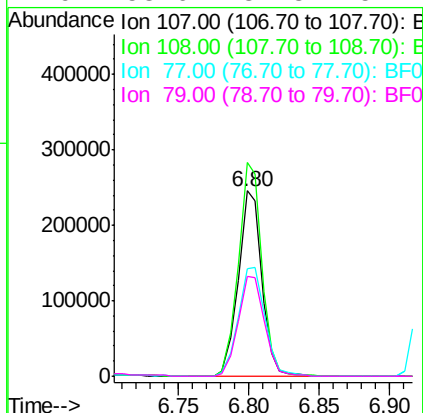
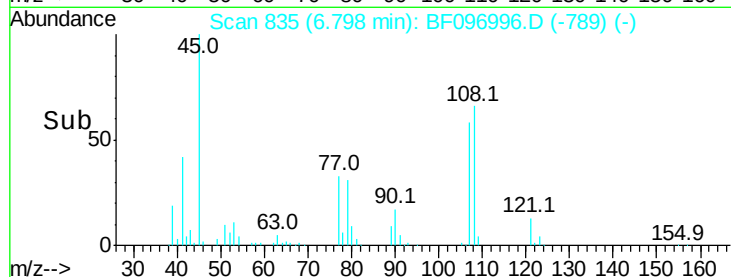
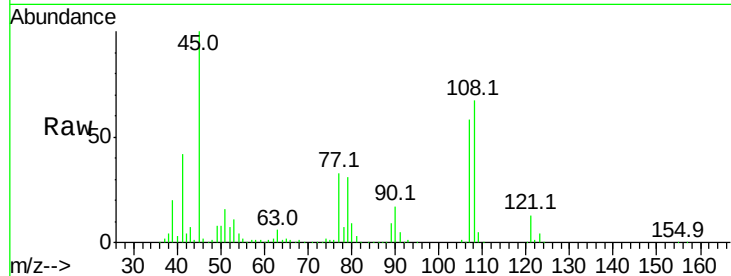
#17
2-Methylphenol
Concen: 47.188 ng
RT: 6.80 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	93.4	140.0	
77	57.8	35.8	53.6#	
79	53.6	34.8	52.2#	

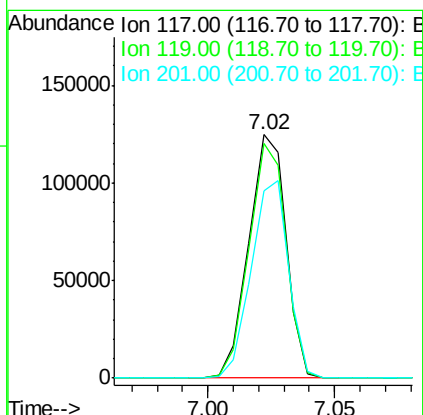
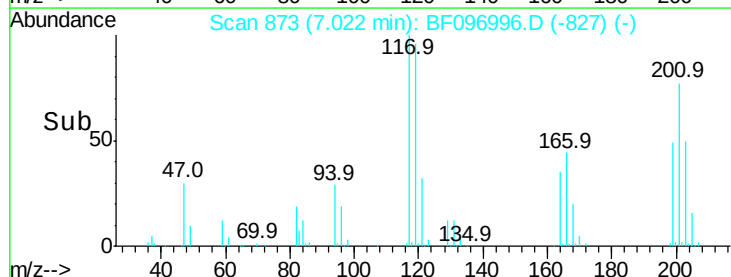
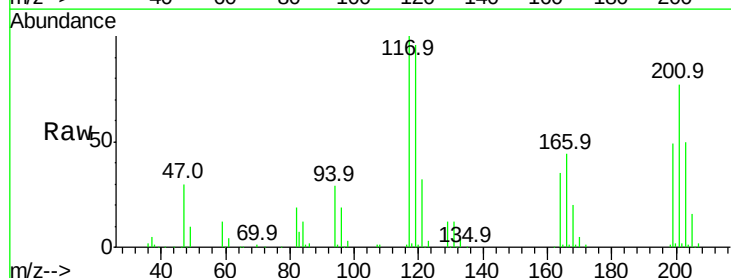
Manual Integrations
APPROVED

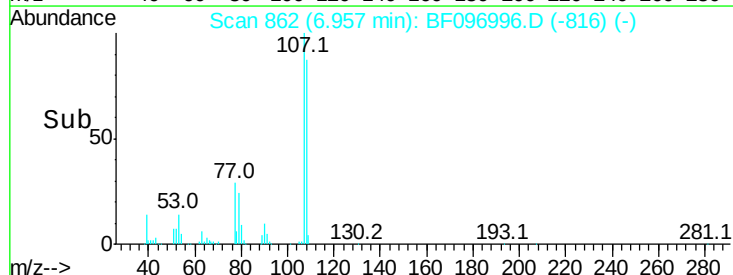
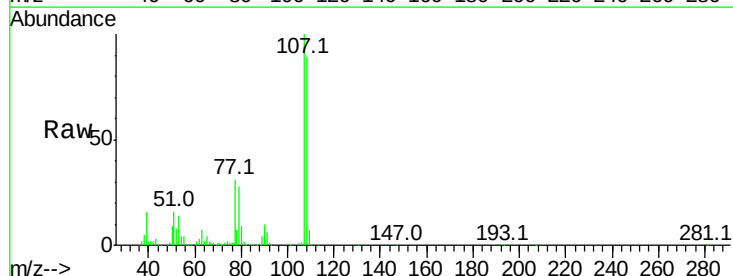
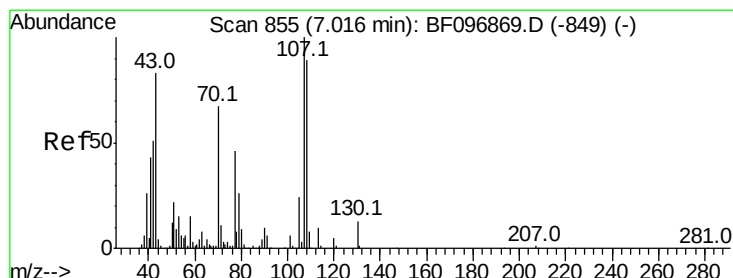
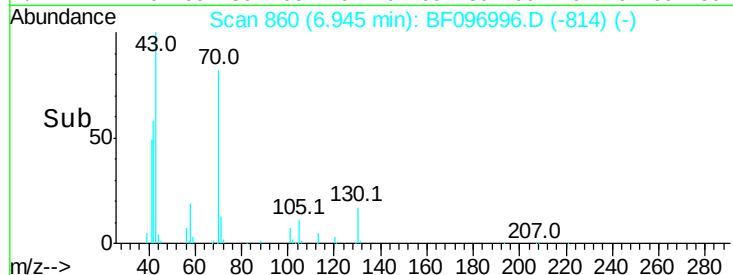
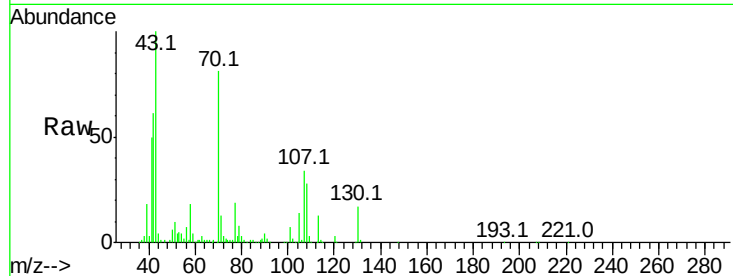
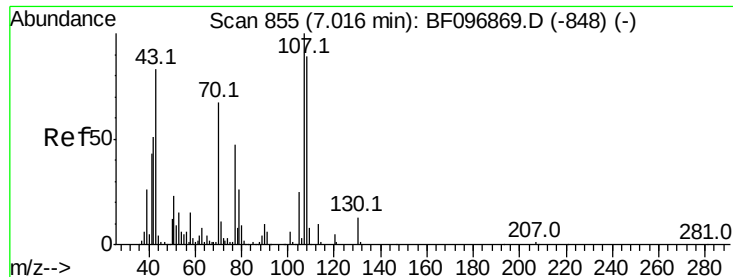
Sohil
7/25/2017 5:36:22 PM



#18
Hexachloroethane
Concen: 43.160 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.4	116.0	
201	77.1	94.6	141.8#	





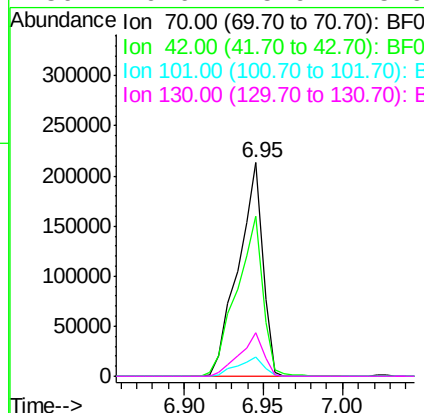
#19
n-Nitroso-di-n-propylamine
Concen: 44.008 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	74.9	47.2	70.8#		
101	9.0	7.2	10.8		
130	20.6	15.9	23.9		

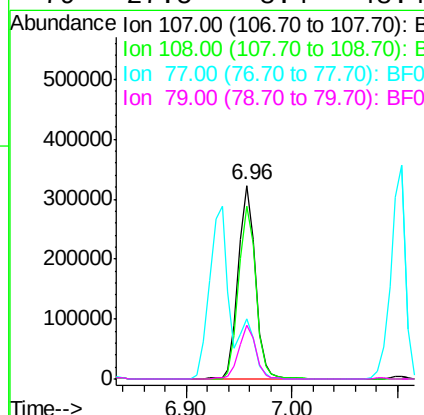
Manual Integrations
APPROVED

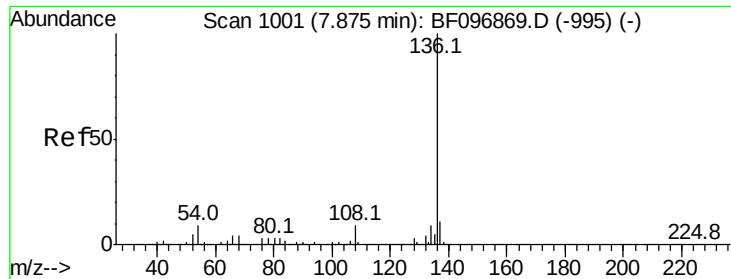
Sohil
7/25/2017 5:36:22 PM



#20
3+4-Methylphenols
Concen: 49.015 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	71.0	111.0		
77	31.1	90.5	130.5#		
79	27.5	8.4	48.4		





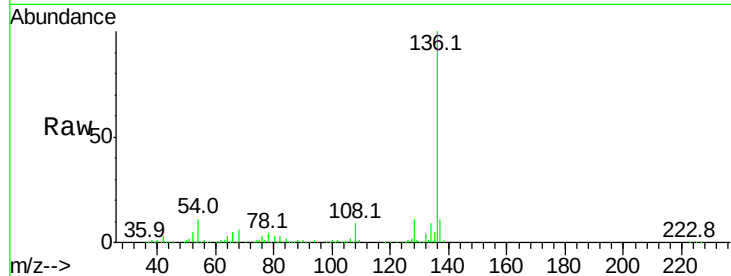
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

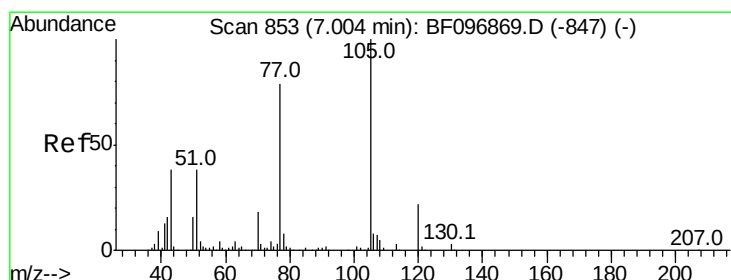
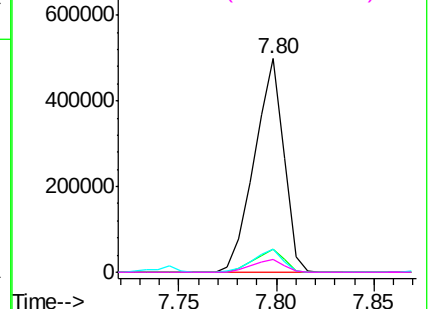
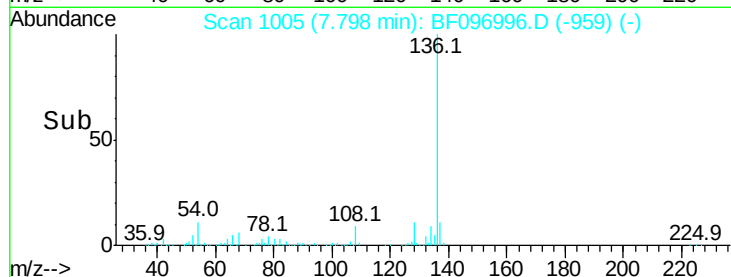
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	11.1	4.9	7.3#
68	6.3	4.1	6.1#

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM

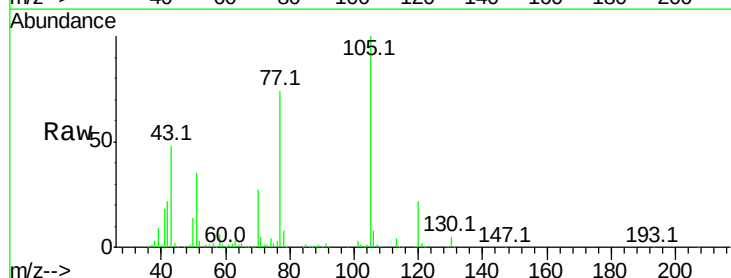


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

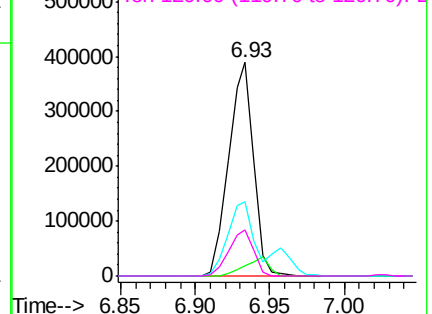
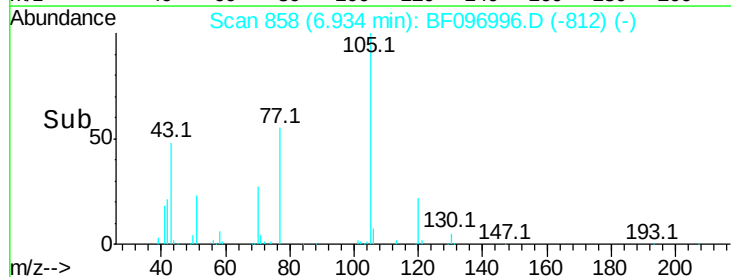


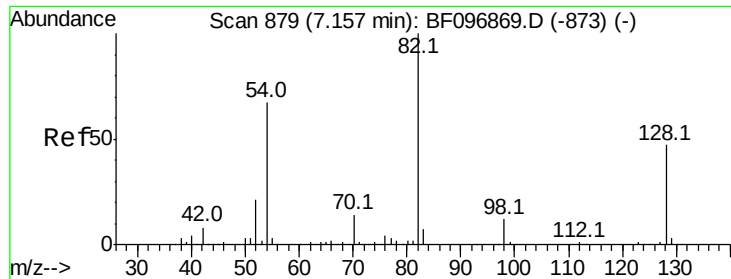
#22
Acetophenone
Concen: 39.224 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.6	2.8	4.2#
51	34.6	30.7	46.1
120	21.8	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





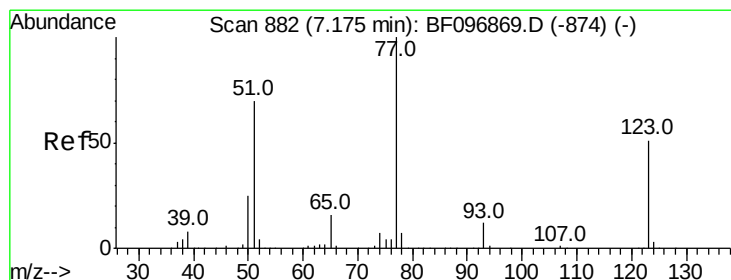
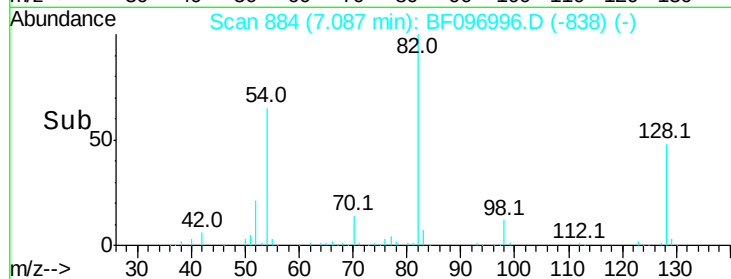
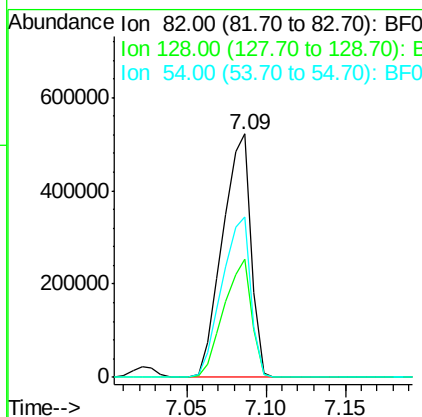
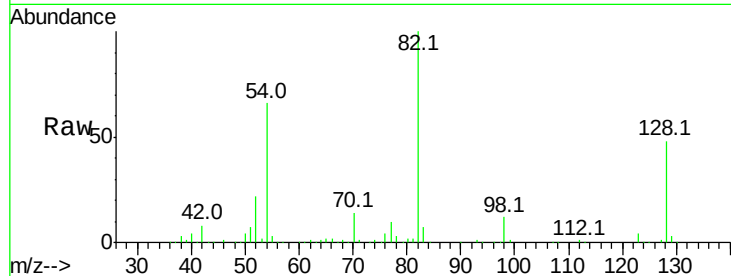
#23
 Nitrobenzene-d5
 Concen: 77.464 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	65.7	42.2	63.2

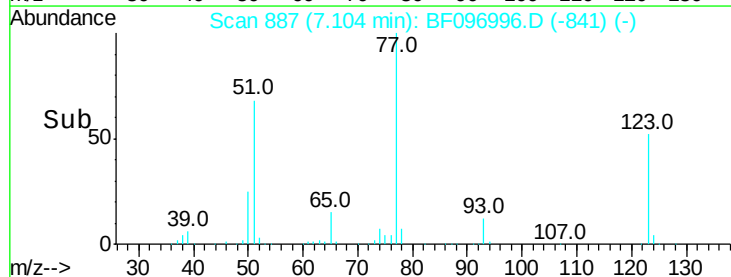
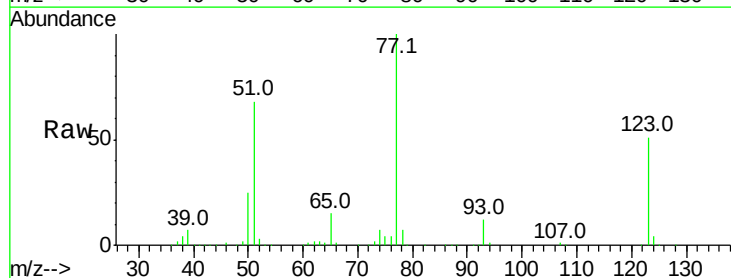
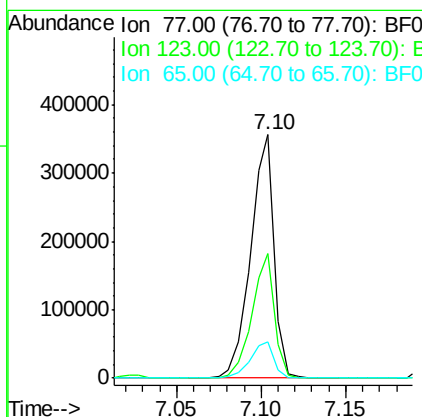
Manual Integrations
 APPROVED

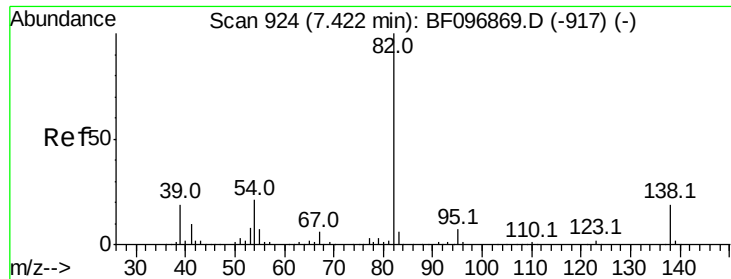
Sohil
 7/25/2017 5:36:22 PM



#24
 Nitrobenzene
 Concen: 39.691 ng
 RT: 7.10 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	35.8	53.8
65	14.7	10.6	15.8





#25

Isophorone

Concen: 42.524 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

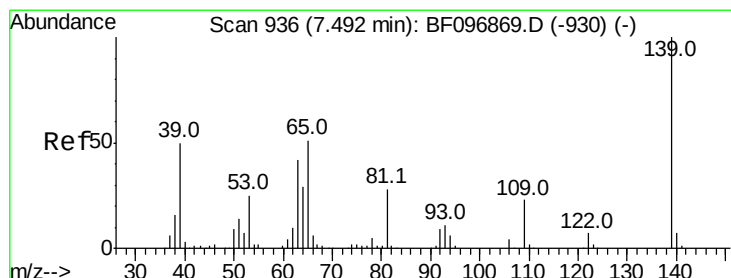
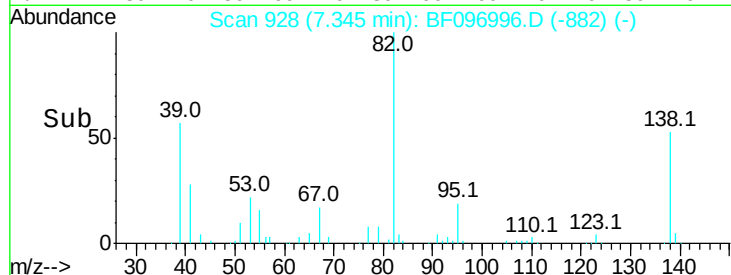
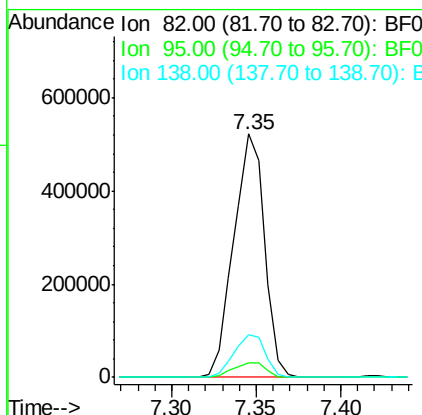
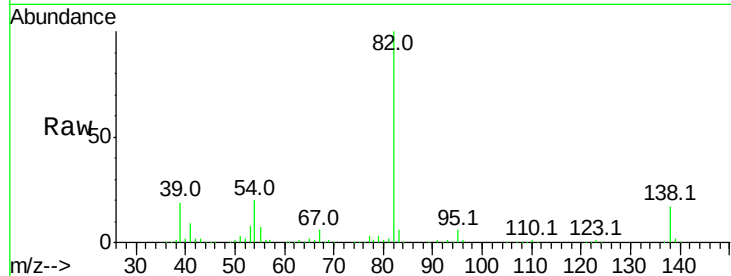
ClientSampleId :

PB100872BS

Tot Ion:	82	Resp:	664615
Ion Ratio		Lower	Upper
82	100		
95	6.2	5.3	7.9
138	17.3	13.1	19.7

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#26

2-Nitrophenol

Concen: 41.241 ng

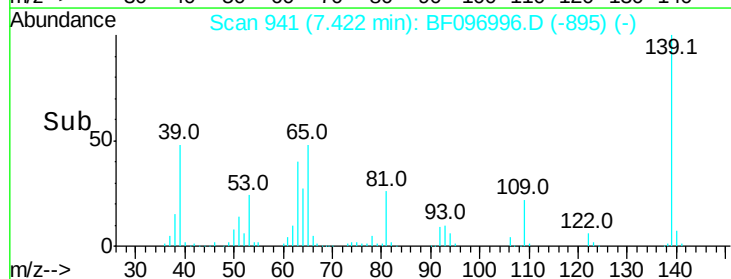
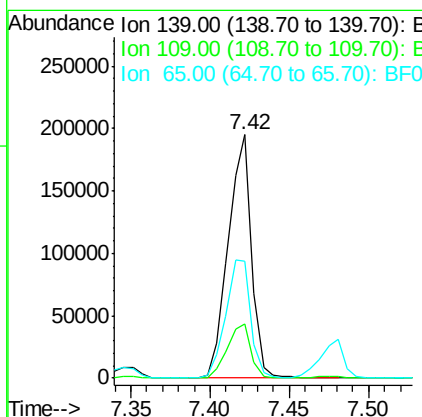
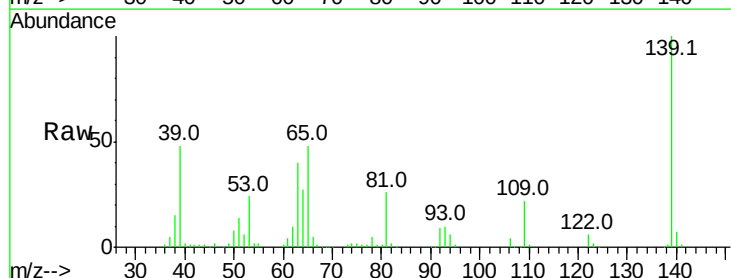
RT: 7.42 min Scan# 941

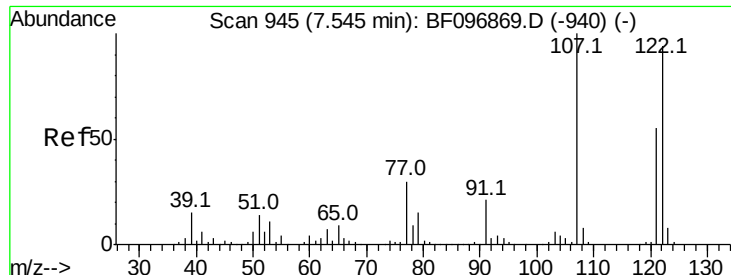
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:	139	Resp:	199253
Ion Ratio		Lower	Upper
139	100		
109	22.4	21.0	31.6
65	48.2	33.0	49.6





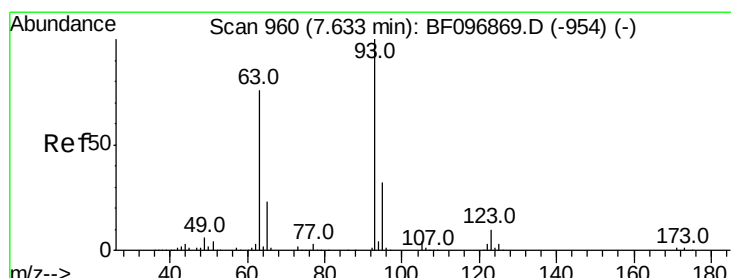
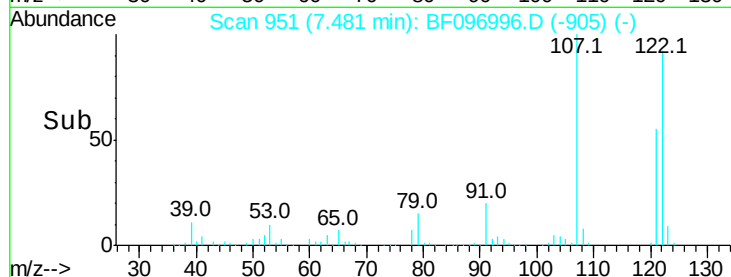
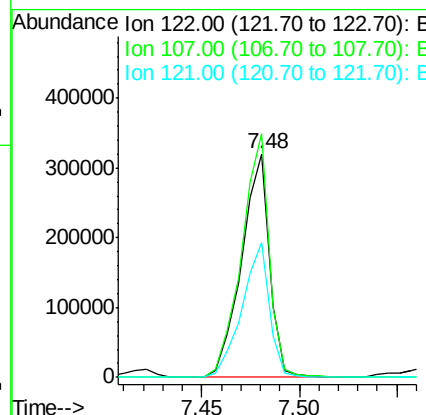
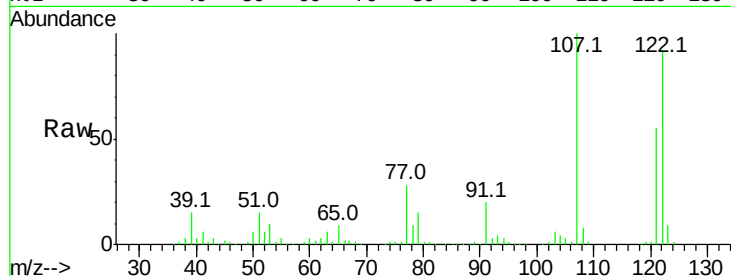
#27
 2,4-Dimethylphenol
 Concen: 40.119 ng
 RT: 7.48 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	318886		
107	108.9	89.2	133.8	
121	60.2	45.2	67.8	

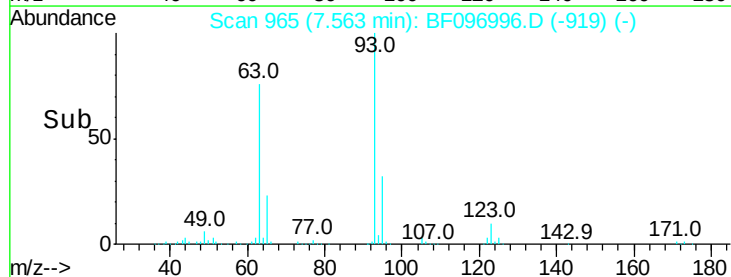
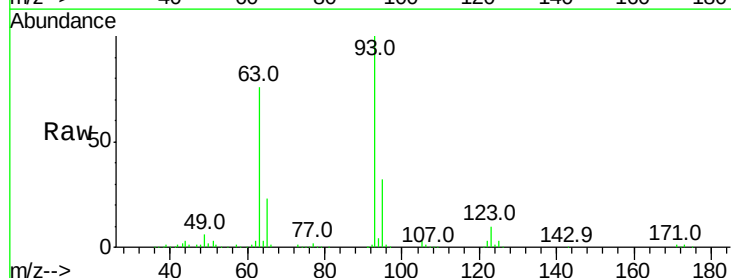
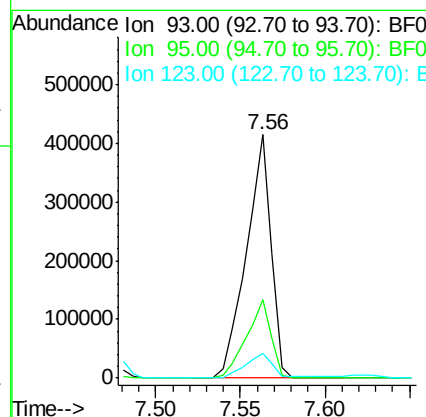
Manual Integrations
 APPROVED

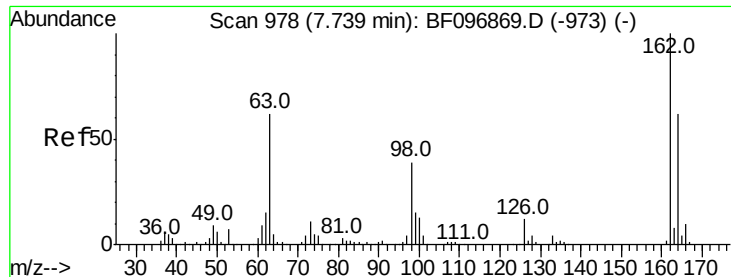
Sohil
 7/25/2017 5:36:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.306 ng
 RT: 7.56 min Scan# 965
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	425680		
95	32.3	26.5	39.7	
123	10.4	9.0	13.4	





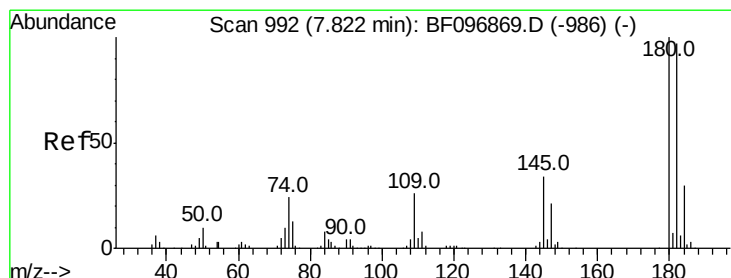
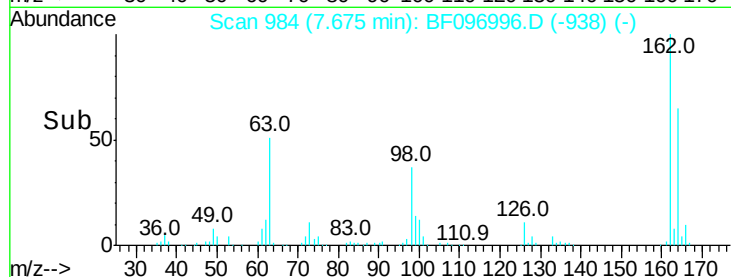
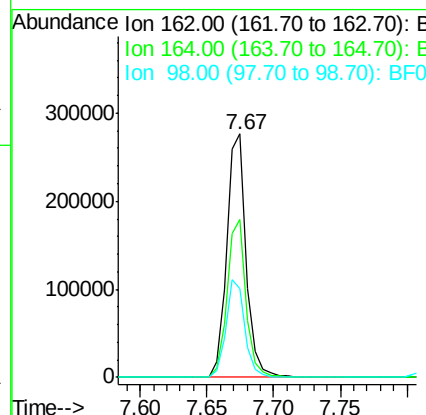
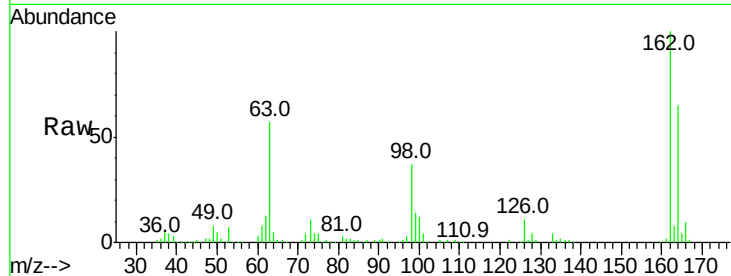
#29
 2,4-Dichlorophenol
 Concen: 39.493 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	284147		
164	64.6		44.6	84.6
98	36.6		14.8	54.8

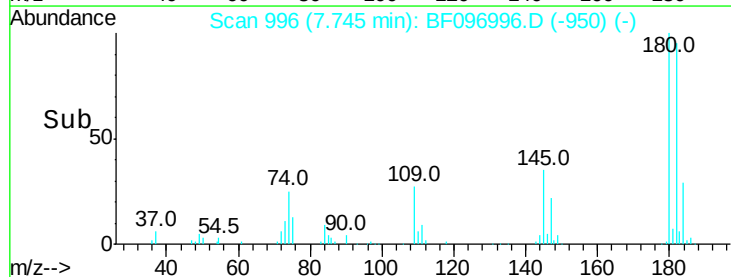
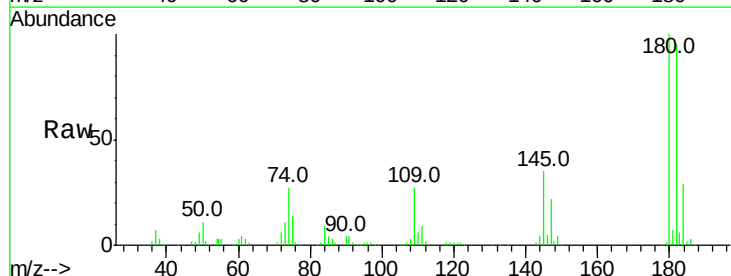
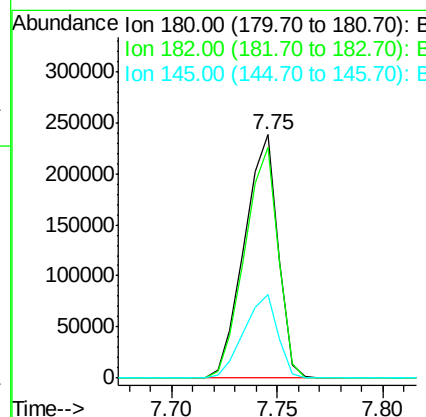
Manual Integrations
 APPROVED

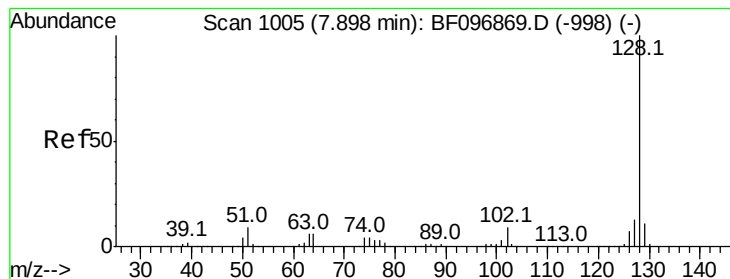
Sohil
 7/25/2017 5:36:22 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.370 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262479		
182	94.7		75.8	113.6
145	34.6		25.3	37.9





#31

Naphthalene

Concen: 42.585 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

Tot Ion:128 Resp: 1049826

Ion Ratio Lower Upper

128 100

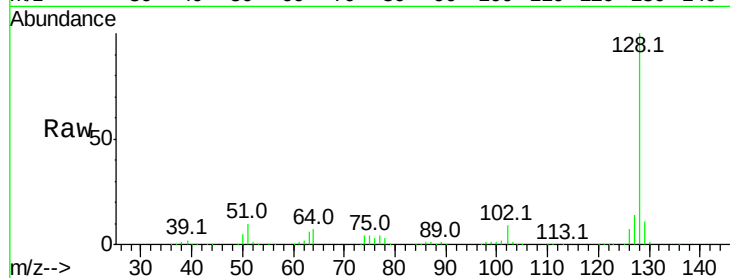
129 11.1 9.0 13.6

127 13.7 10.8 16.2

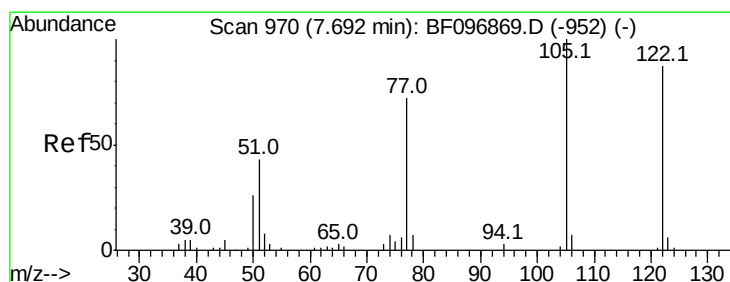
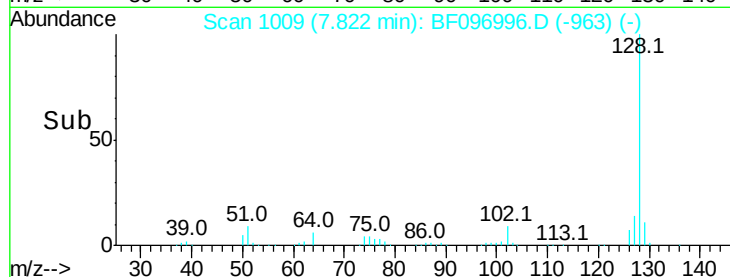
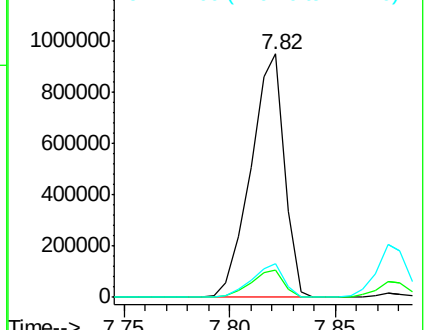
Manual Integrations
APPROVED

Sohil

7/25/2017 5:36:22 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.083 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

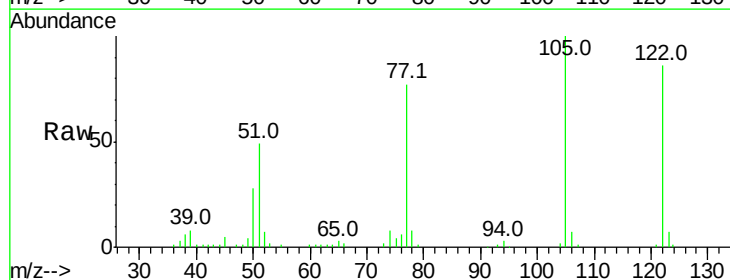
Tgt Ion:122 Resp: 178227

Ion Ratio Lower Upper

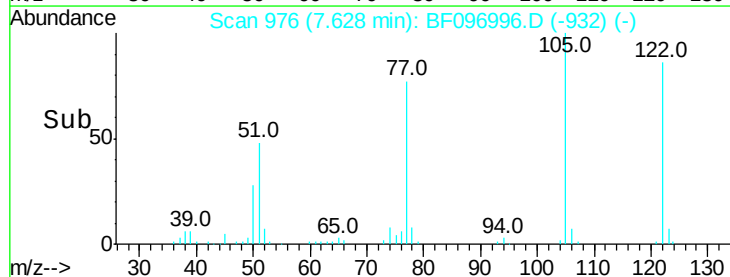
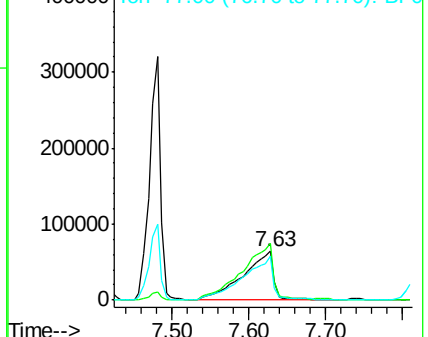
122 100

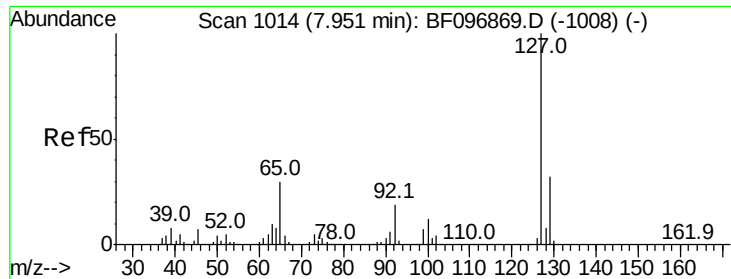
105 116.3 103.3 143.3

77 89.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





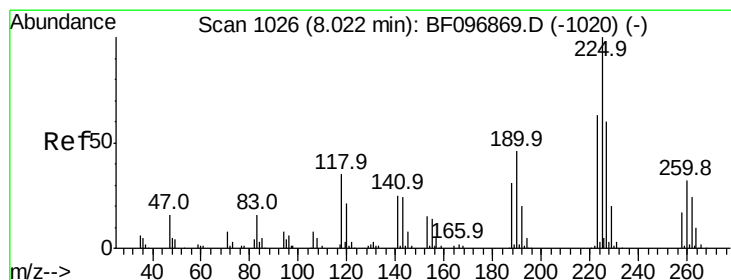
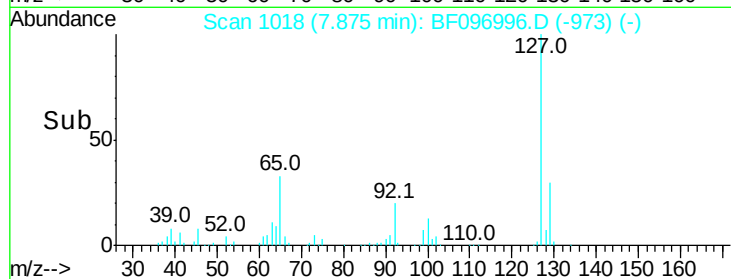
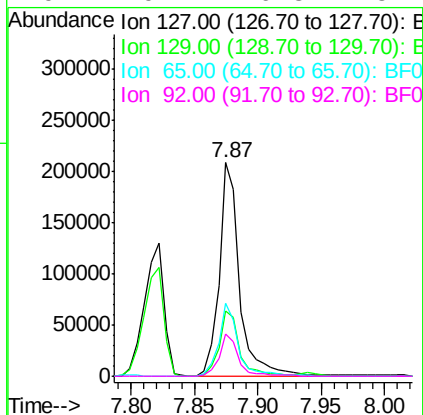
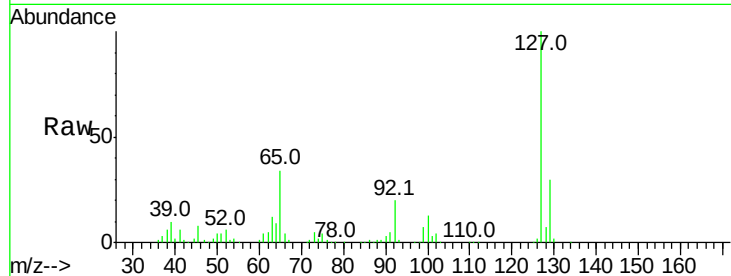
#33
 4-Chloroaniline
 Concen: 23.800 ng
 RT: 7.87 min Scan# 1018
 Delta R.T. -0.04 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	26.2	39.2		
65	34.2	27.8	41.8		
92	19.7	16.8	25.2		

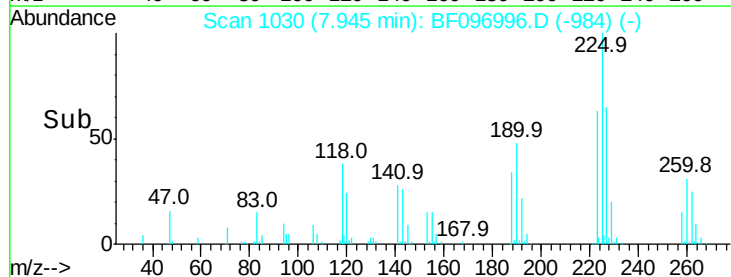
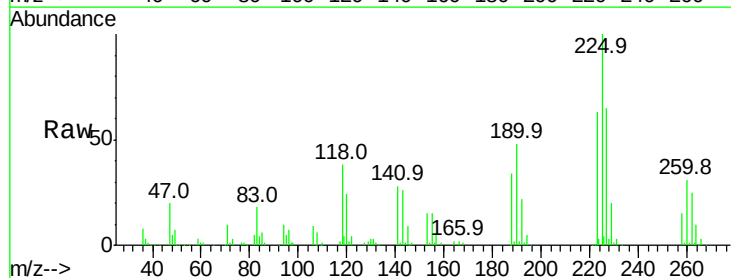
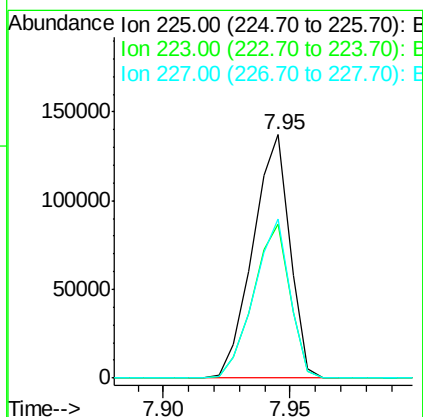
Manual Integrations
 APPROVED

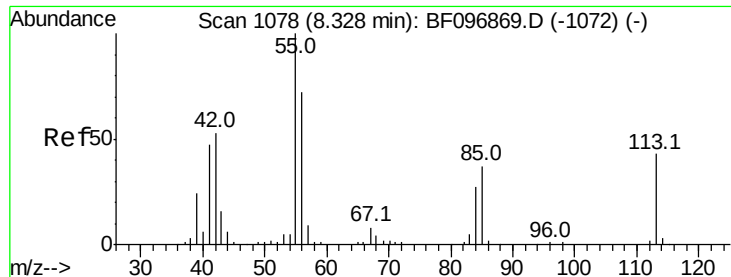
Sohil
 7/25/2017 5:36:22 PM



#34
 Hexachlorobutadiene
 Concen: 38.314 ng
 RT: 7.95 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	48.8	73.2		
227	65.1	51.1	76.7		





#35

Caprolactam

Concen: 41.800 ng/mL

RT: 8.25 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampled :

PB100872BS

Tot Ion:113 Resp: 96363

Ion Ratio Lower Upper

113 100

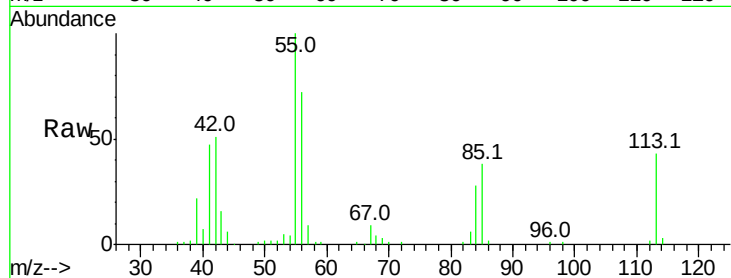
55 233.6 150.2 190.2#

56 169.1 107.8 147.8#

Manual Integrations
APPROVED

Sohil

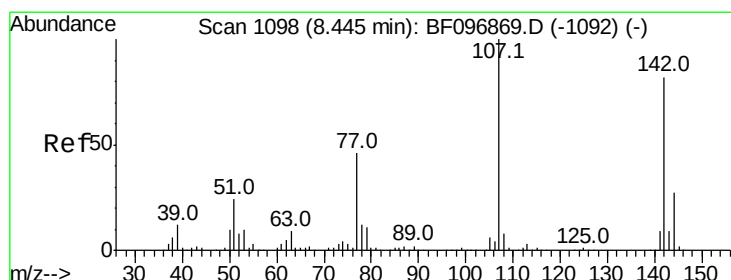
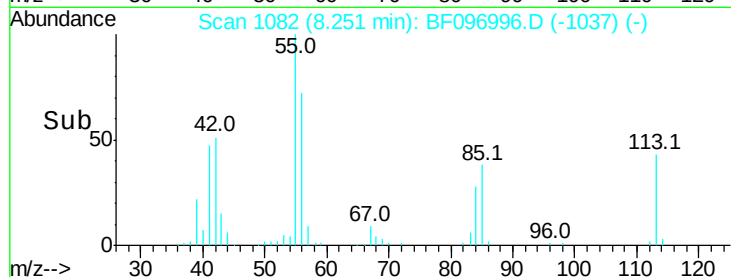
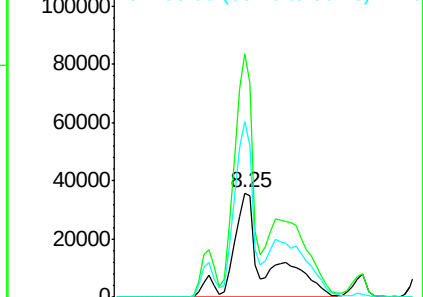
7/25/2017 5:36:22 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.510 ng/mL

RT: 8.39 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

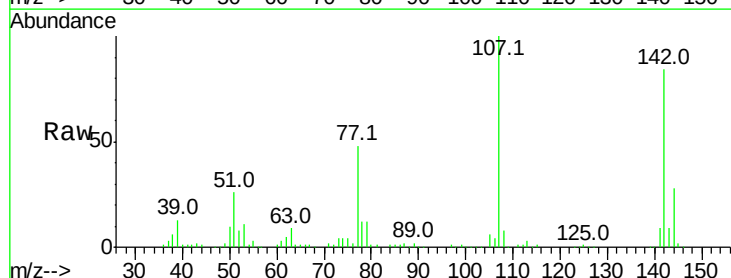
Tgt Ion:107 Resp: 290186

Ion Ratio Lower Upper

107 100

144 27.8 24.2 36.4

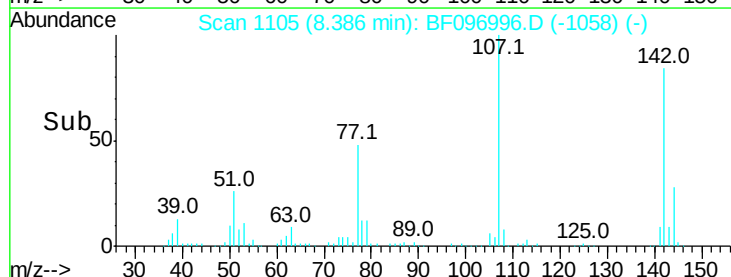
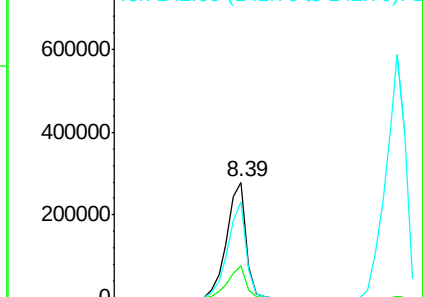
142 83.8 73.4 110.0

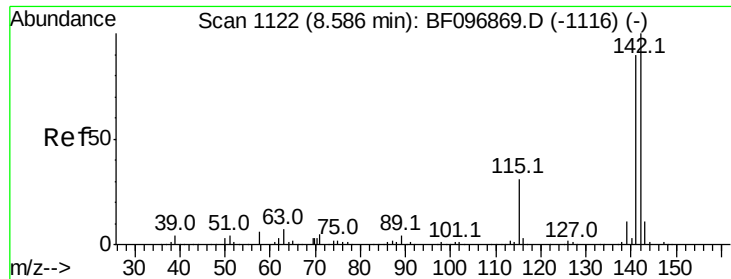


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





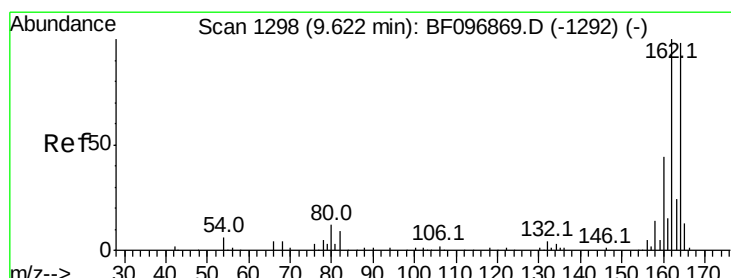
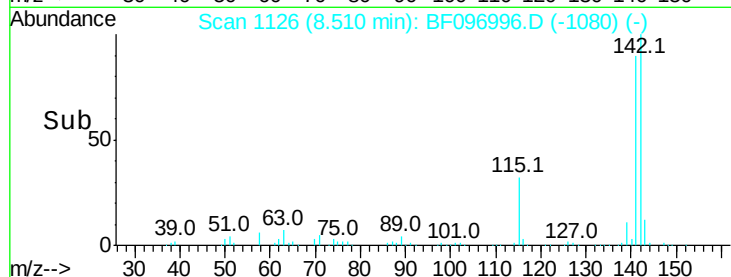
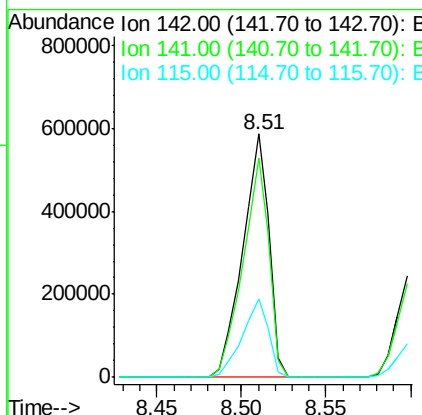
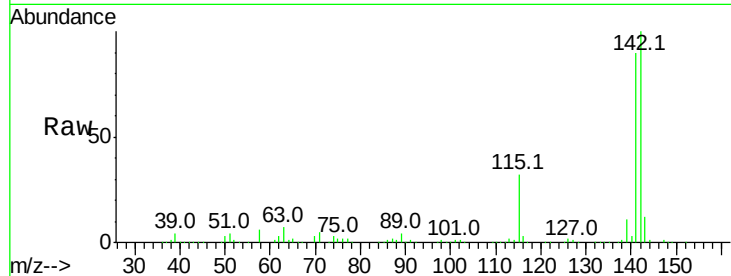
#37
2-Methylnaphthalene
Concen: 40.583 ng
RT: 8.51 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	32.1	27.1	40.7

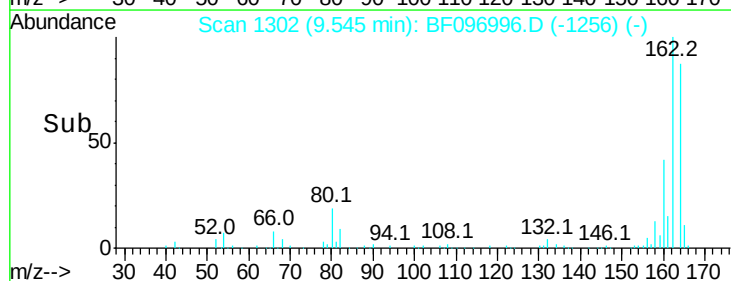
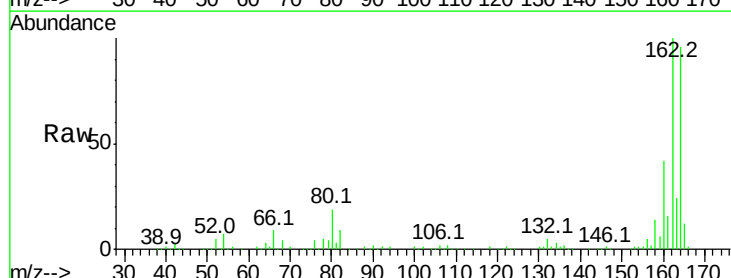
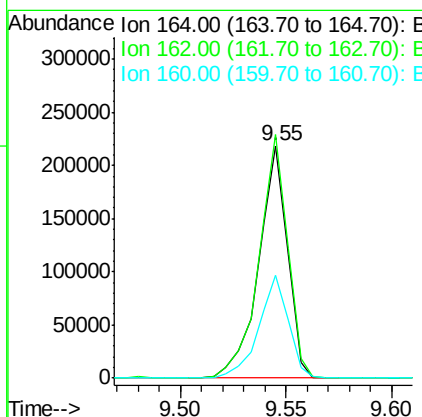
Manual Integrations
APPROVED

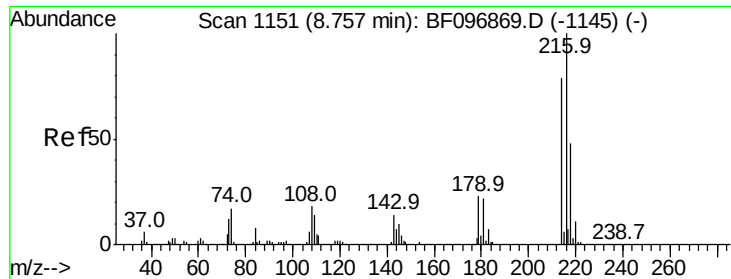
Sohil
7/25/2017 5:36:22 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	44.4	36.2	54.2





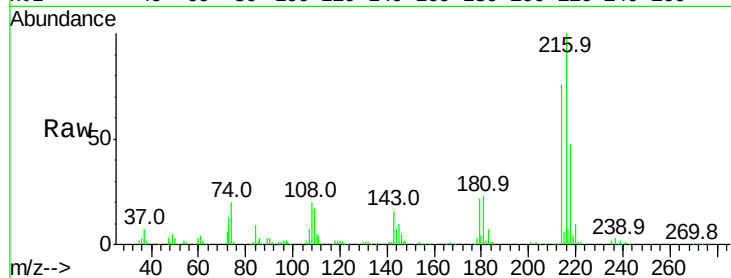
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.793 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

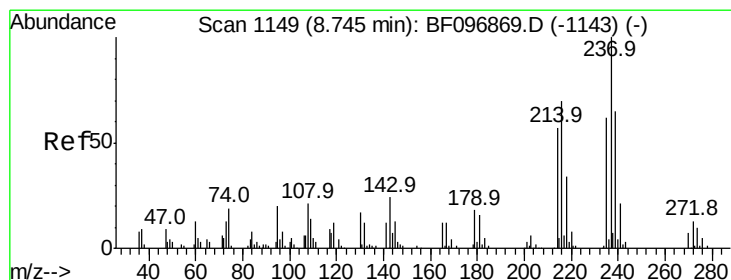
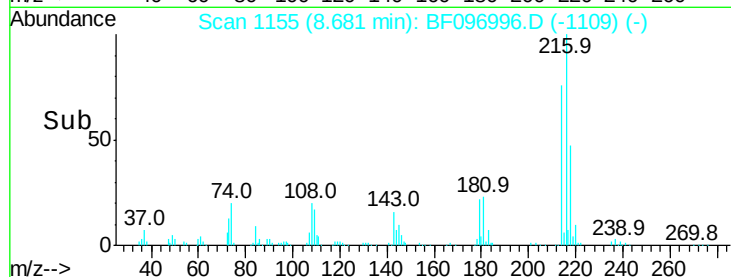
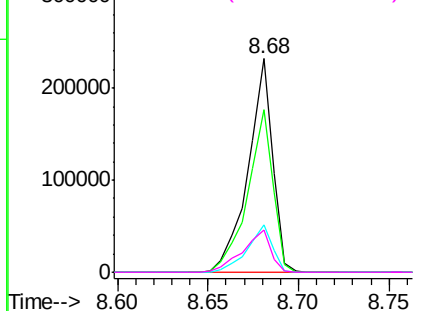
Tot Ion	Ratio	Resp	Lower	Upper
216	100	218070		
214	78.1	63.4	95.2	
179	22.7	17.9	26.9	
108	22.9	16.5	24.7	

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:36:22 PM

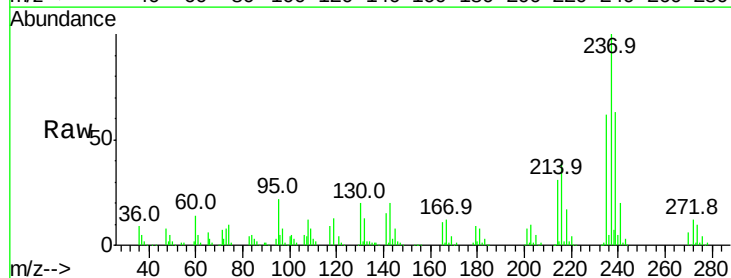


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

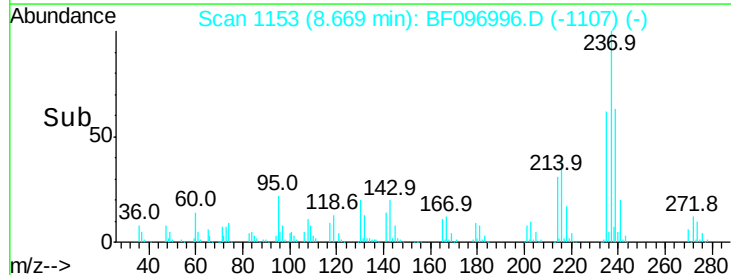
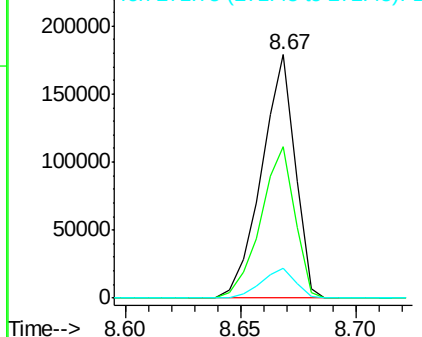


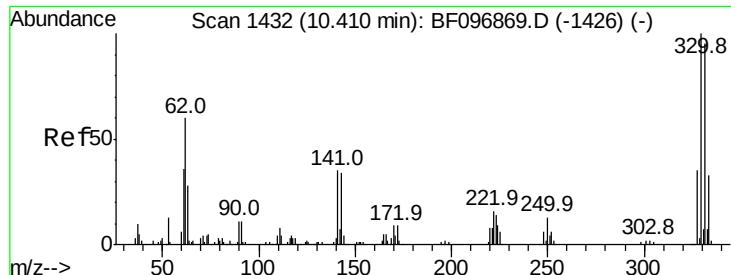
#40
 Hexachlorocyclopentadiene
 Concen: 85.074 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	180577		
235	62.1	42.6	82.6	
272	12.5	0.0	31.9	



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





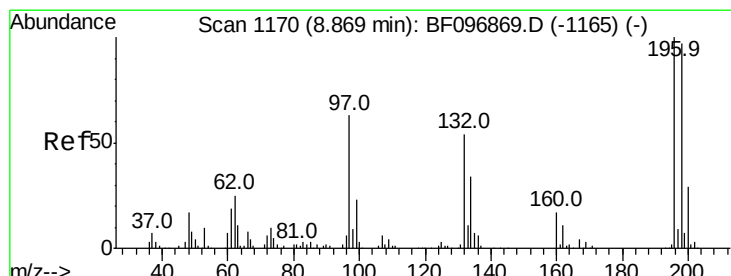
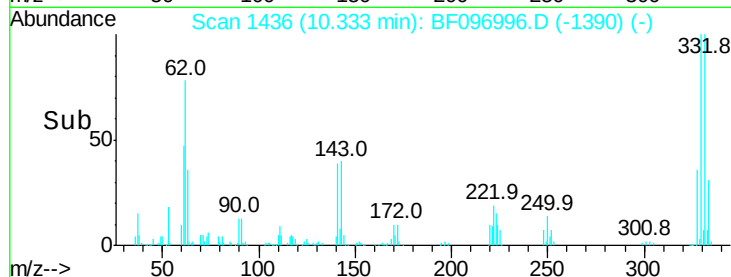
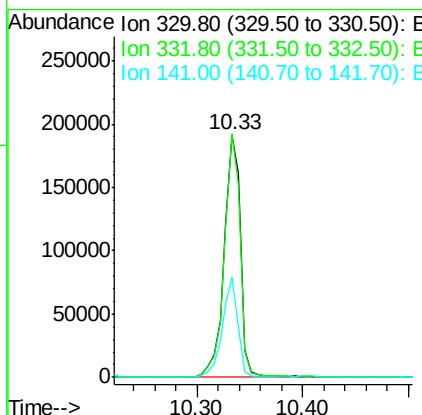
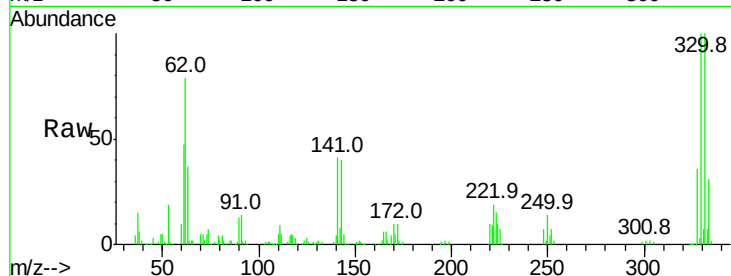
#41
 2,4,6-Tribromophenol
 Concen: 116.771 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampled :
 PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207272		
332	97.3	76.6	115.0	
141	39.0	31.4	47.2	

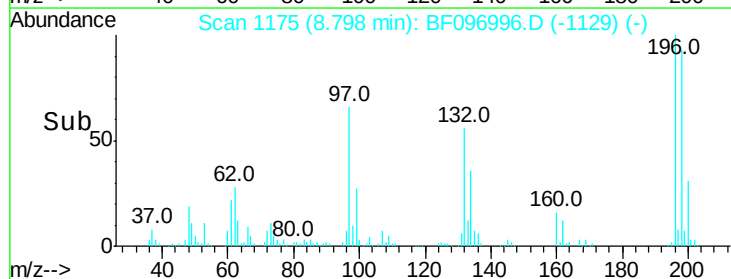
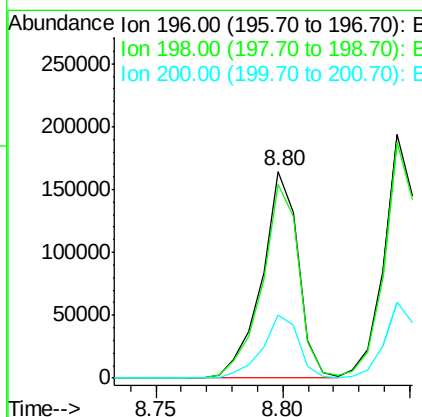
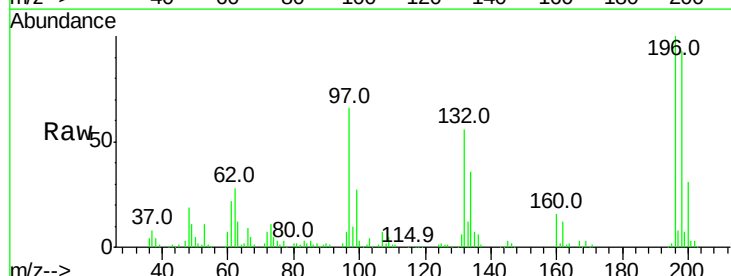
Manual Integrations
 APPROVED

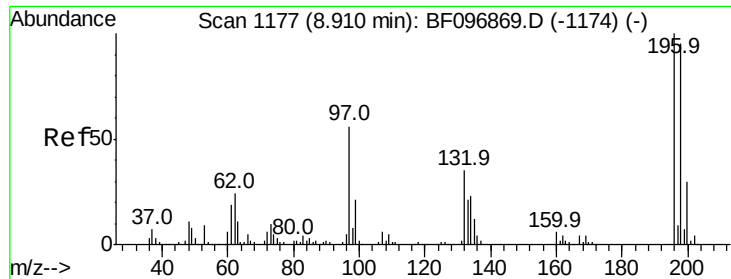
Sohil
 7/25/2017 5:36:22 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.032 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165993		
198	93.4	74.2	111.4	
200	30.6	24.0	36.0	





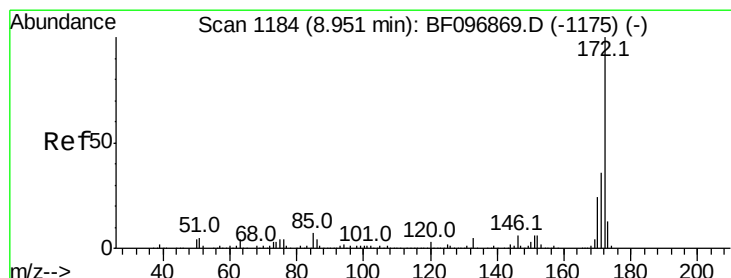
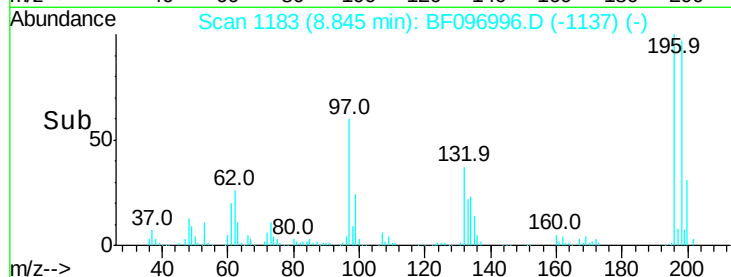
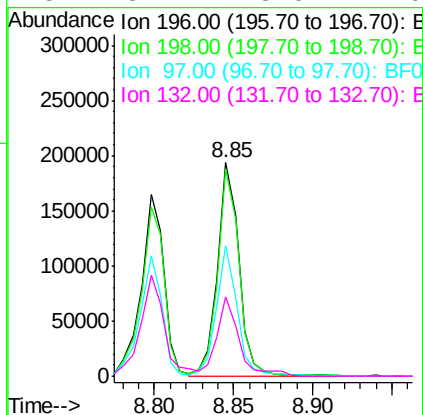
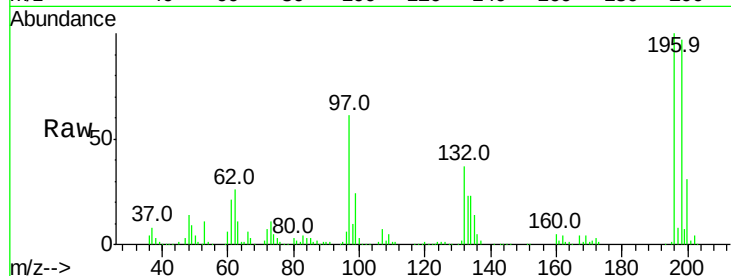
#43
 2,4,5-Trichlorophenol
 Concen: 43.620 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.7	113.5
97	60.9	47.7	71.5
132	37.2	28.0	42.0

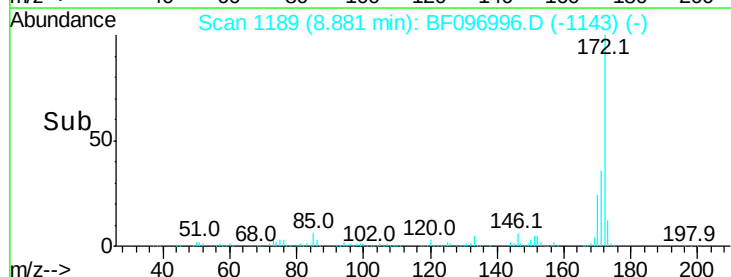
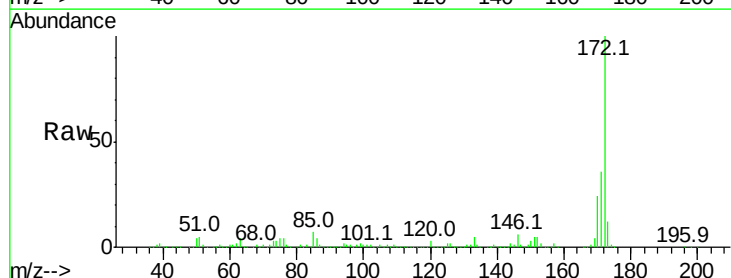
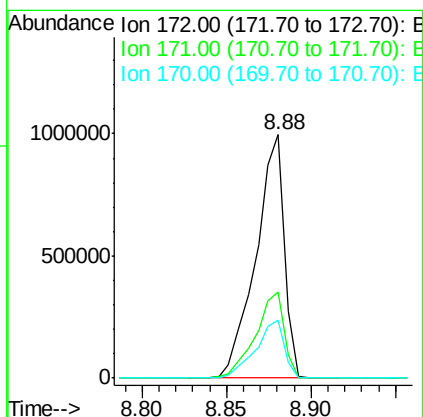
Manual Integrations
 APPROVED

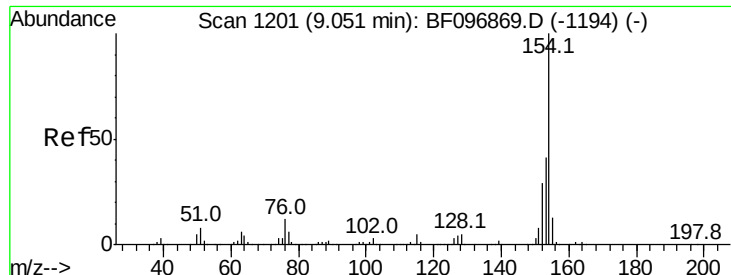
Sohil
 7/25/2017 5:36:22 PM



#44
 2-Fluorobiphenyl
 Concen: 88.545 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.761 ng

RT: 8.97 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

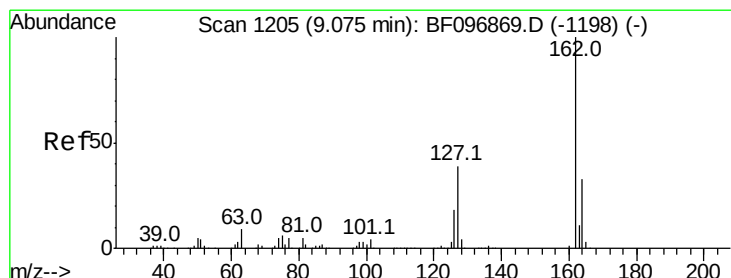
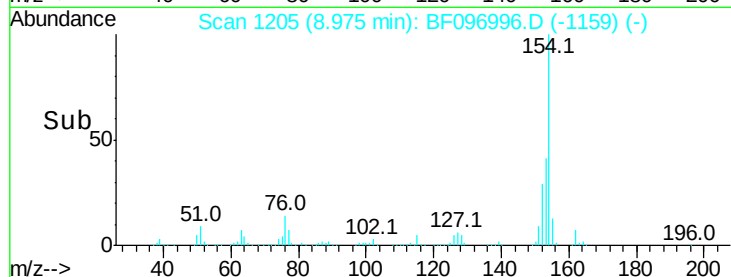
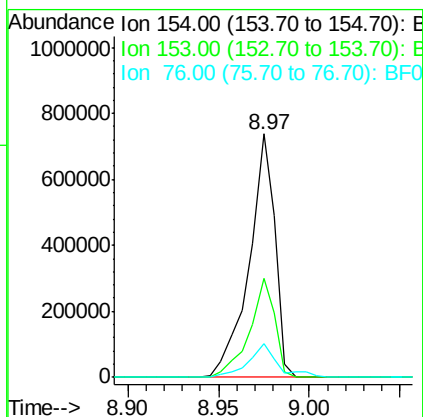
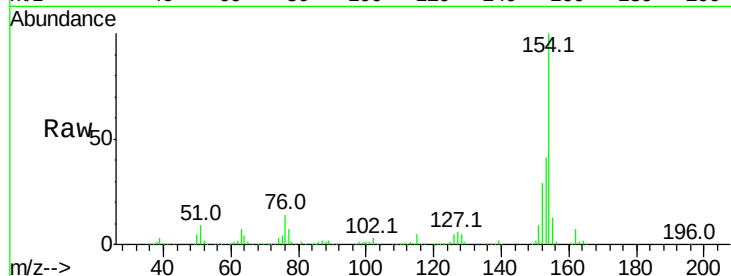
ClientSampleId :

PB100872BS

Tot Ion:	154	Resp:	726946
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.2	61.2
76	13.7	0.0	29.9

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#46

2-Chloronaphthalene

Concen: 43.368 ng

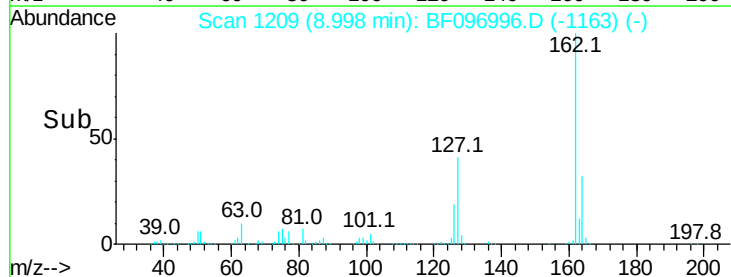
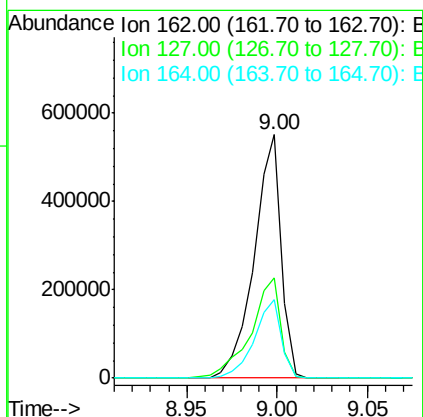
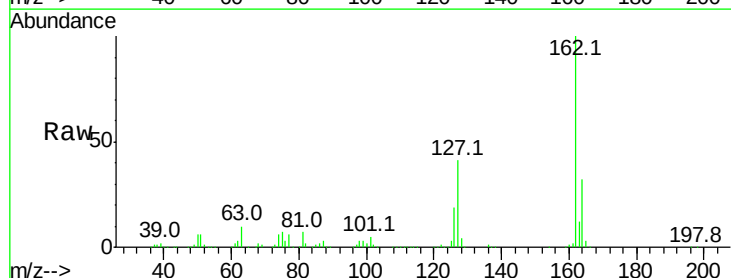
RT: 9.00 min Scan# 1209

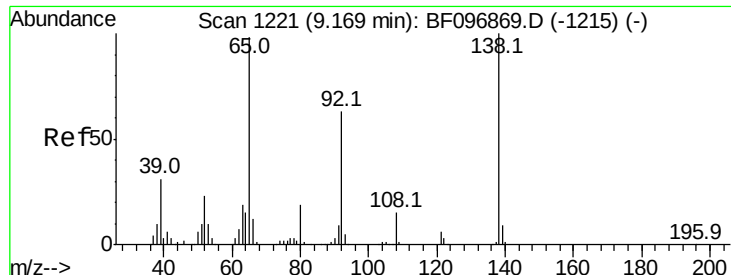
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:	162	Resp:	569538
Ion Ratio	Lower	Upper	
162	100		
127	41.1	28.3	42.5
164	32.1	27.0	40.4





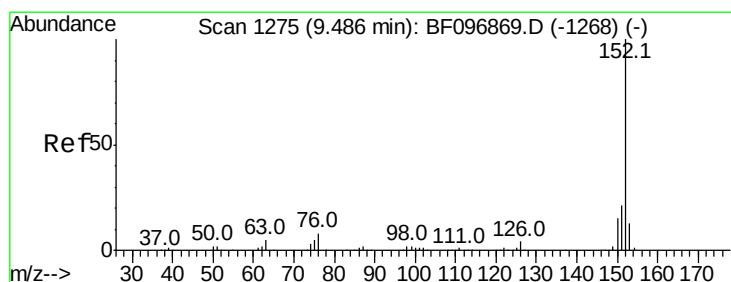
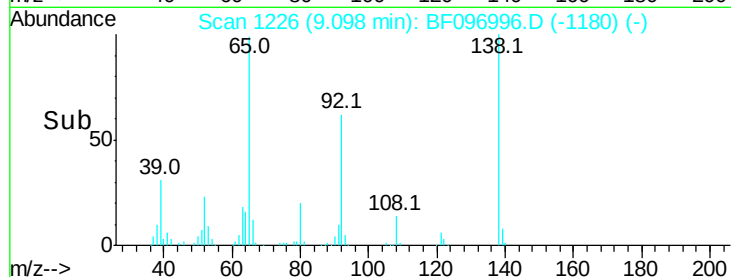
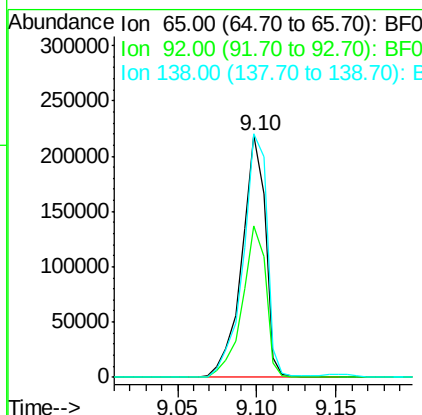
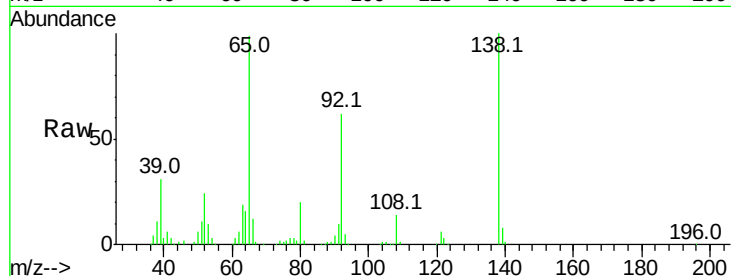
#47
2-Nitroaniline
Concen: 49.640 ng
RT: 9.10 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	53.9	80.9
138	100.7	78.8	118.2

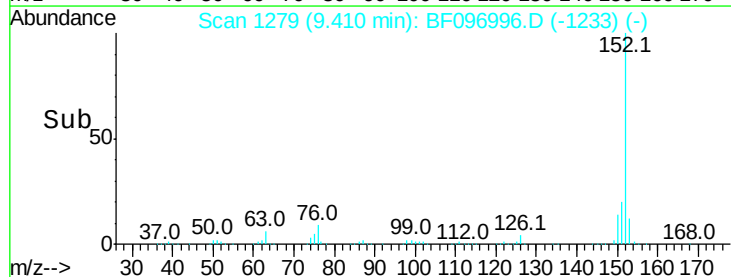
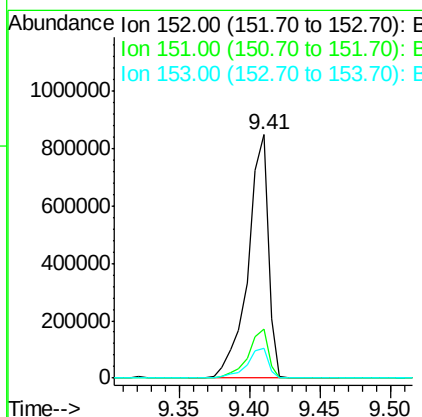
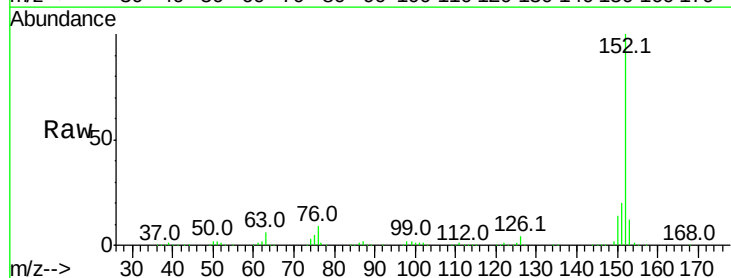
Manual Integrations
APPROVED

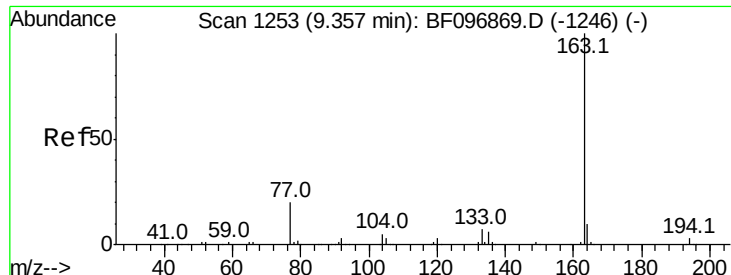
Sohil
7/25/2017 5:36:22 PM



#48
Acenaphthylene
Concen: 40.973 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.5	10.8	16.2





#49

Dimethylphthalate

Concen: 42.476 ng

RT: 9.29 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

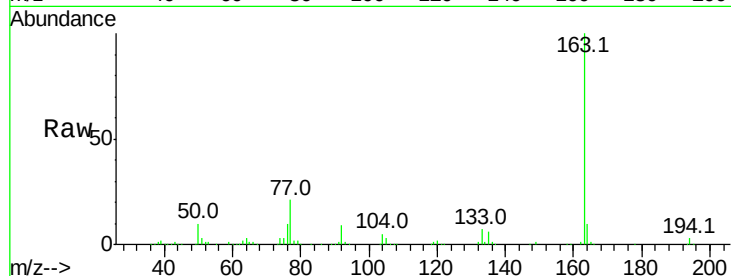
ClientSampleId :

PB100872BS

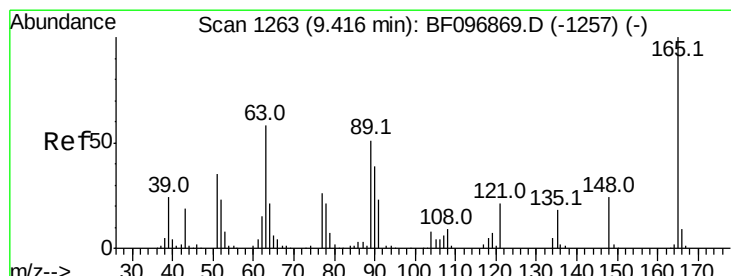
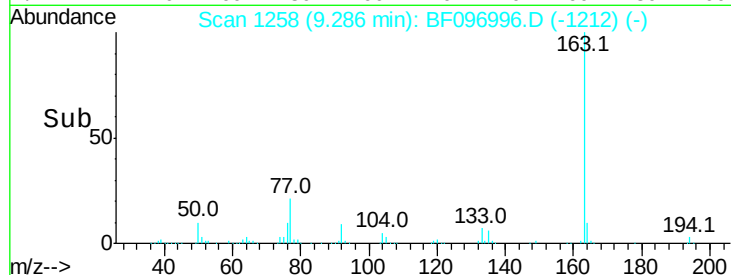
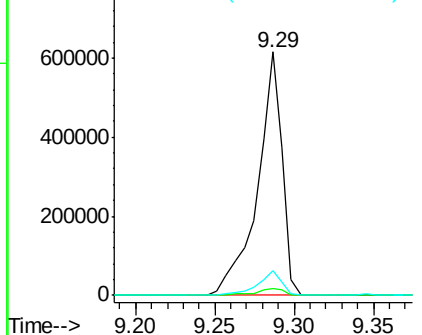
Tot Ion:	163	Resp:	665084
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.6	4.0
164	10.0	8.4	12.6

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.541 ng

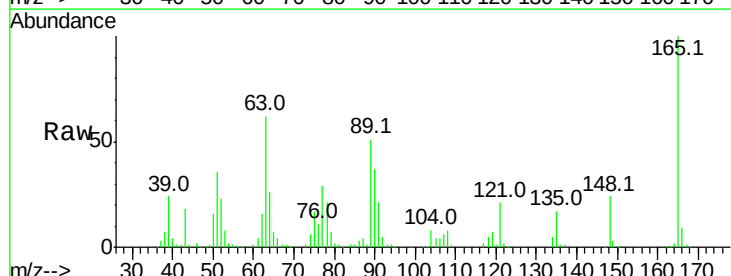
RT: 9.35 min Scan# 1268

Delta R.T. -0.03 min

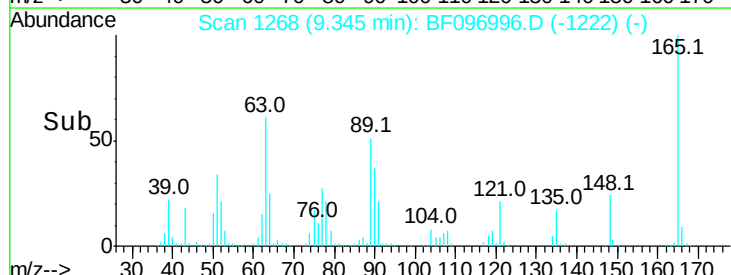
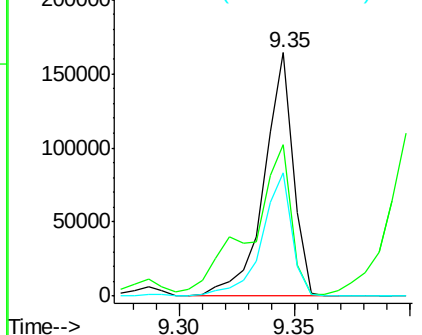
Lab File: BF096996.D

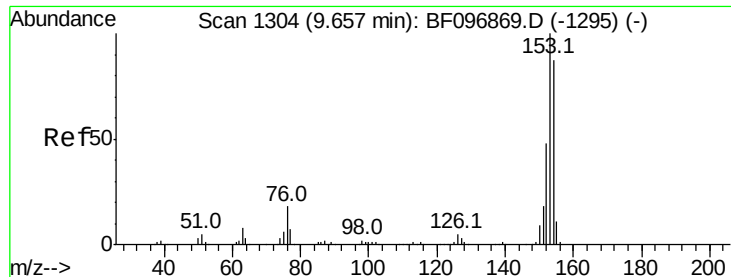
Acq: 24 Jul 2017 20:24

Tgt Ion:	165	Resp:	144279
Ion Ratio	Lower	Upper	
165	100		
63	62.4	34.3	51.5#
89	50.6	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.505 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

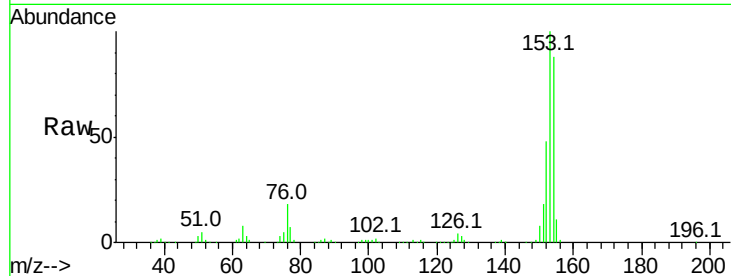
ClientSampleId :

PB100872BS

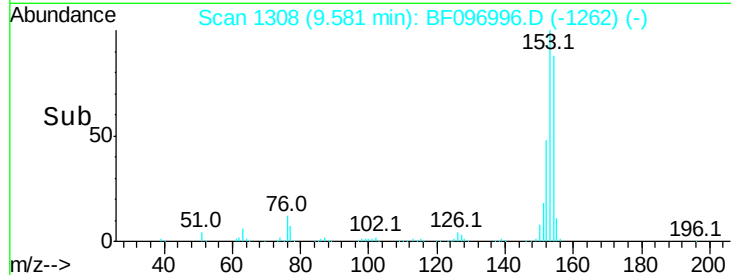
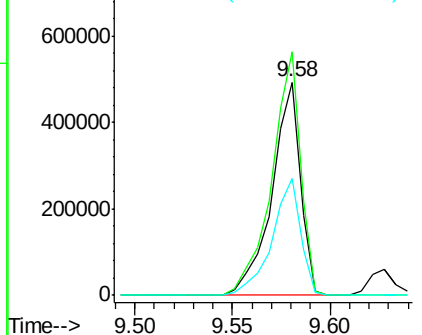
Tot Ion:	154	Resp:	500682
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.5	135.7
152	55.1	43.6	65.4

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 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: 28.790 ng

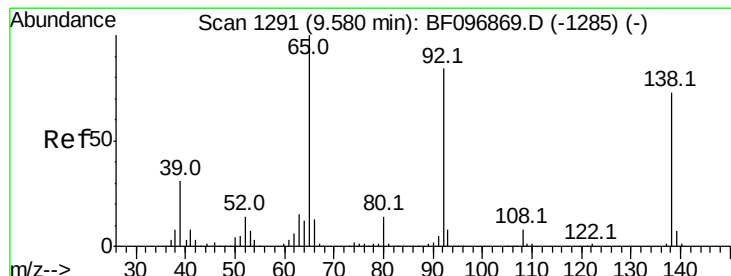
RT: 9.51 min Scan# 1296

Delta R.T. -0.03 min

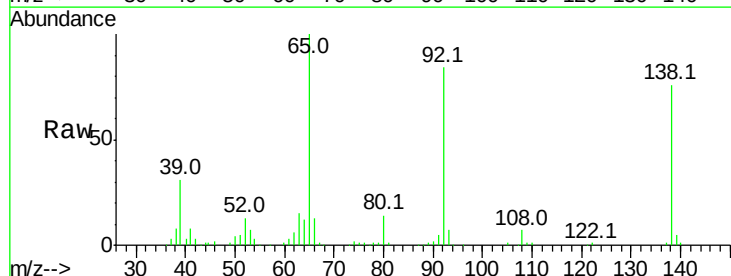
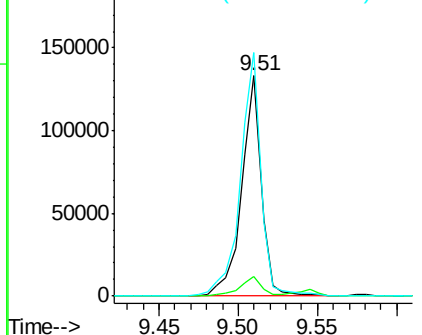
Lab File: BF096996.D

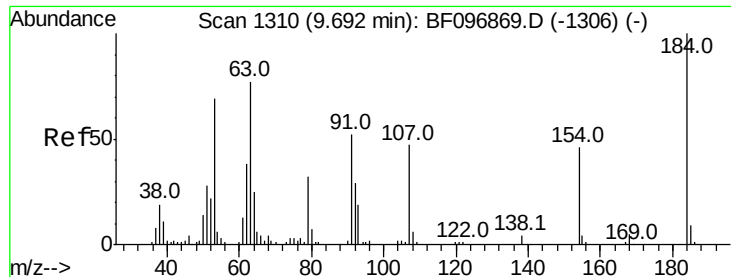
Acq: 24 Jul 2017 20:24

Tgt Ion:	138	Resp:	115671
Ion Ratio	Lower	Upper	
138	100		
108	9.2	9.1	13.7
92	110.5	93.8	140.6



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





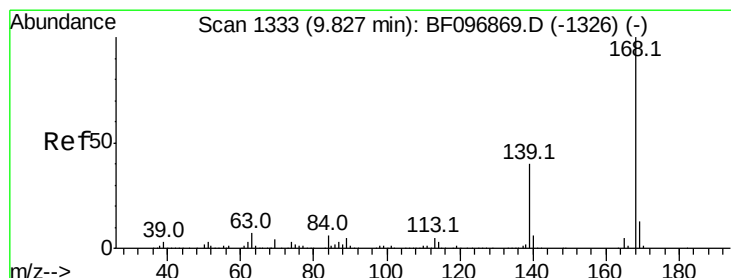
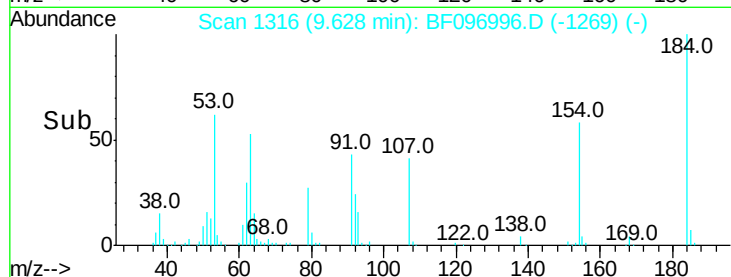
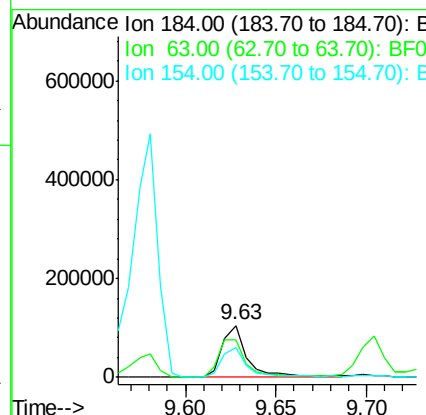
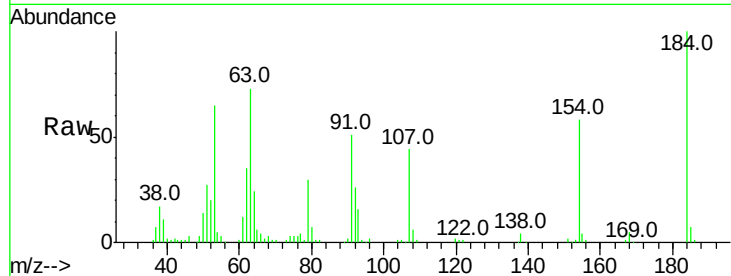
#53
 2,4-Dinitrophenol
 Concen: 63.592 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	72.6	62.7	94.1	
154	58.1	81.1	121.7	

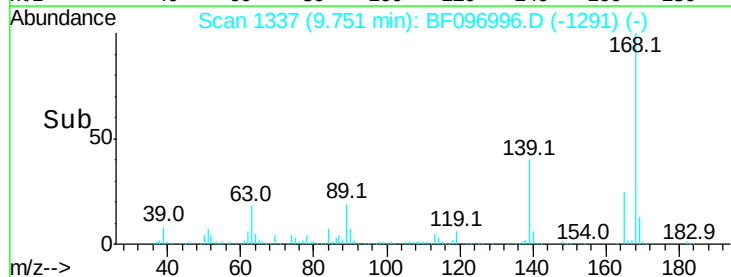
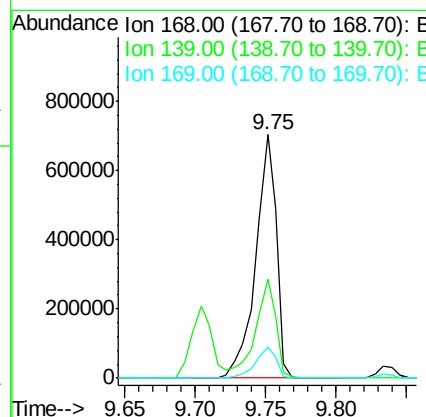
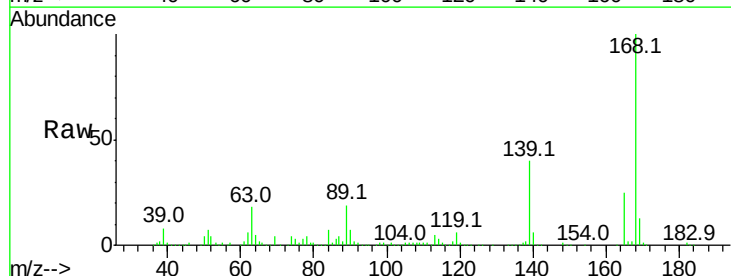
Manual Integrations
 APPROVED

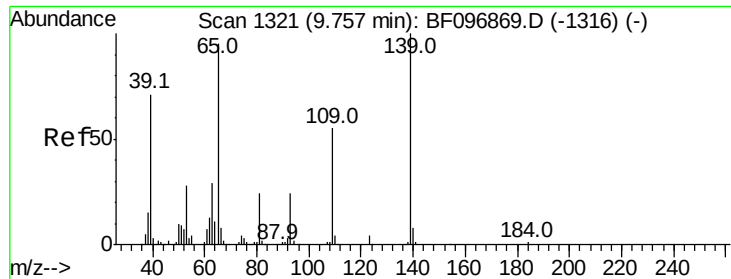
Sohil
 7/25/2017 5:36:22 PM



#54
 Dibenzofuran
 Concen: 41.855 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	30.6	45.8	
169	13.0	10.8	16.2	





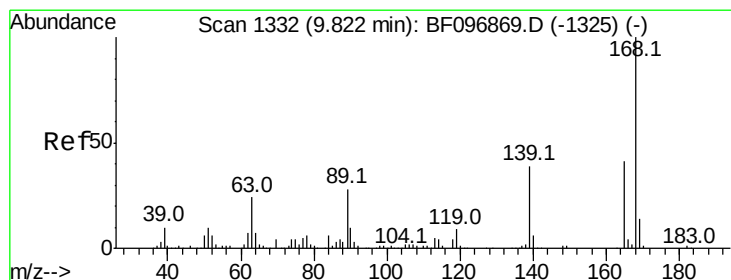
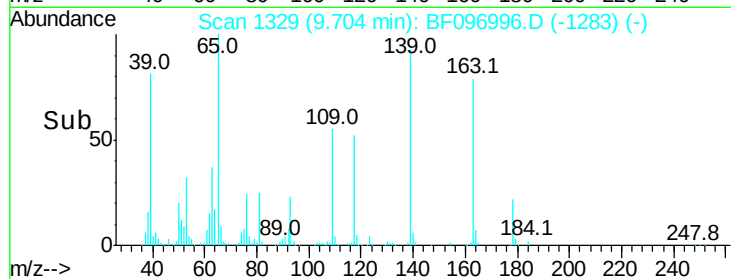
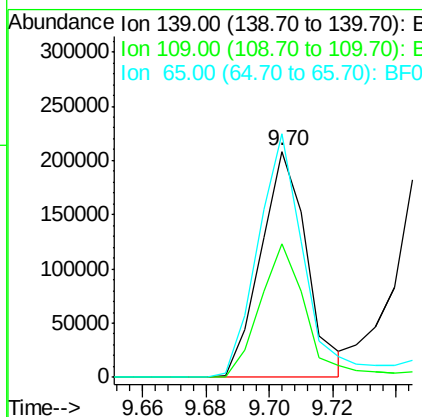
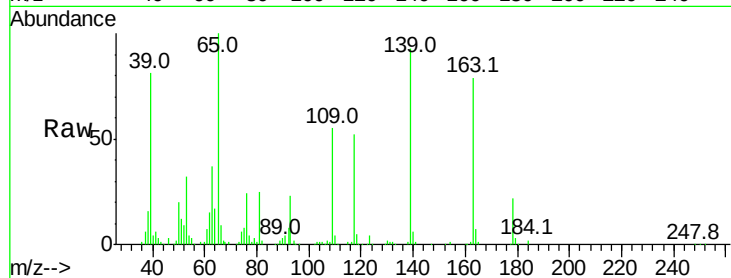
#55
4-Nitrophenol
Concen: 71.845 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.2	34.1	74.1	
65	107.8	31.4	71.4	

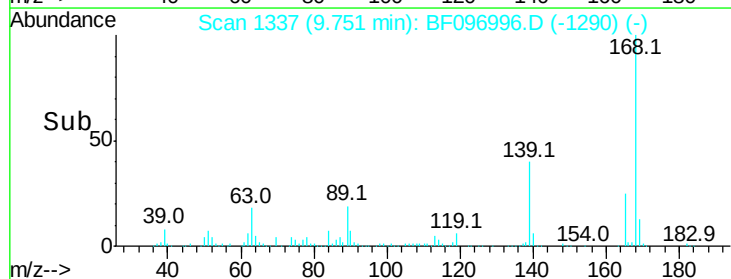
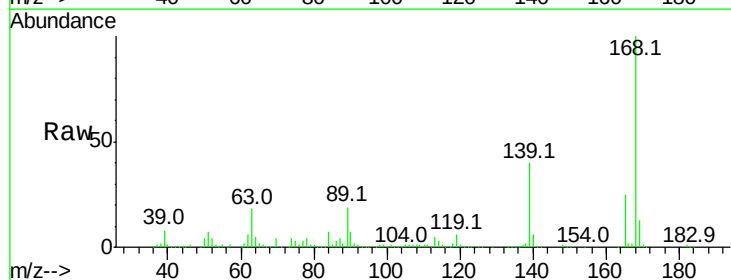
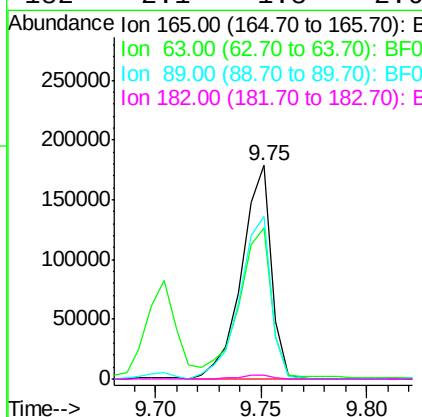
Manual Integrations
APPROVED

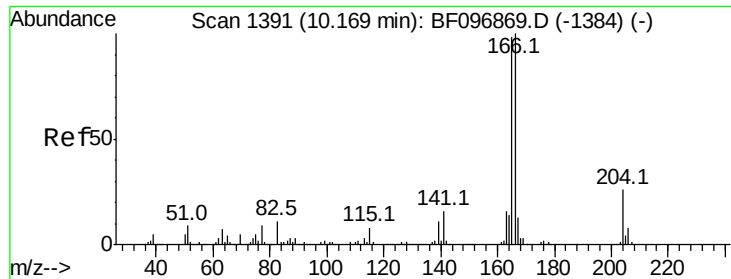
Sohil
7/25/2017 5:36:22 PM



#56
2,4-Dinitrotoluene
Concen: 39.952 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.5	25.4	38.0	
89	76.3	46.4	69.6	
182	2.1	1.8	2.6	





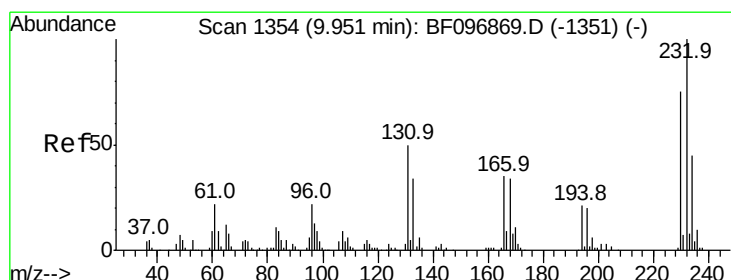
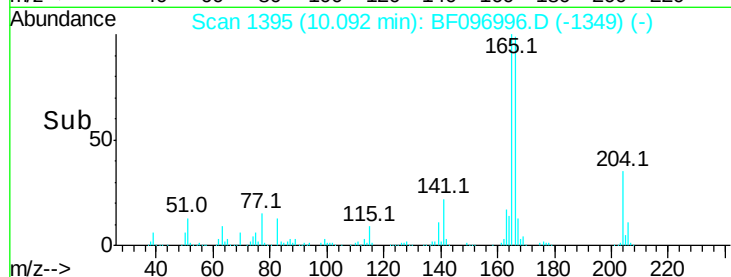
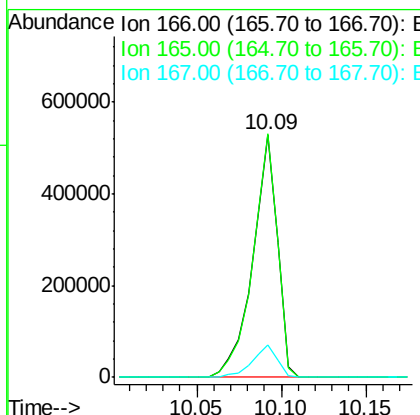
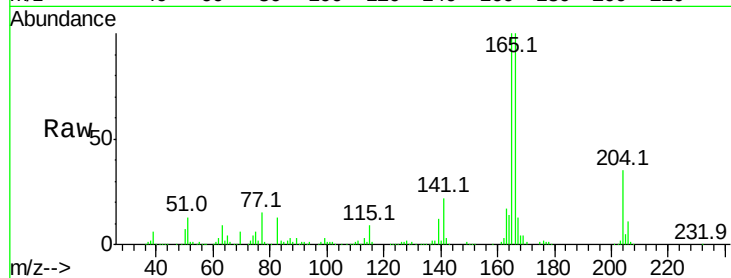
#57
Fluorene
Concen: 42.106 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.4	78.8	118.2	
167	13.4	10.6	16.0	

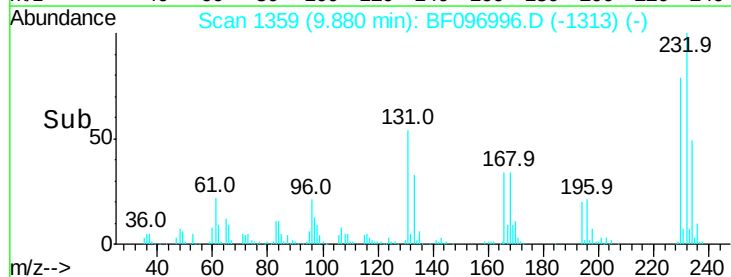
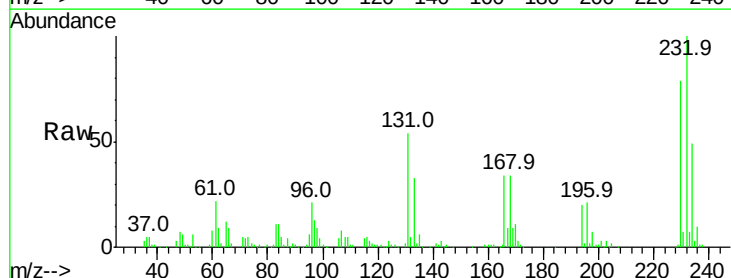
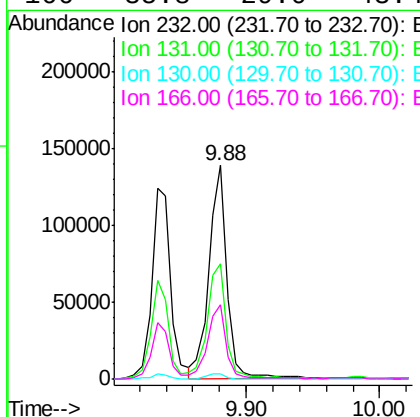
Manual Integrations
APPROVED

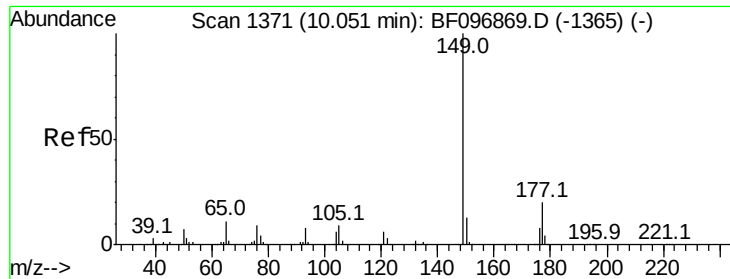
Sohil
7/25/2017 5:36:22 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 45.148 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	59.2	44.8	67.2	
130	2.5	2.3	3.5	
166	35.8	29.0	43.4	





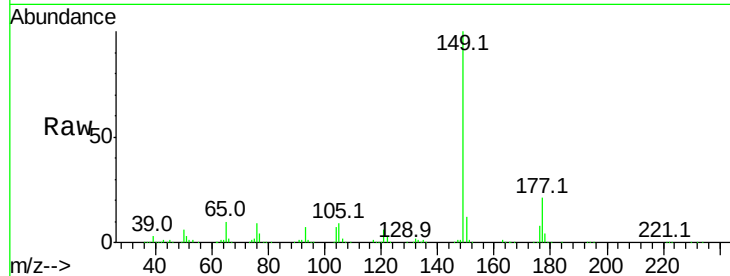
#59
Diethylphthalate
Concen: 43.140 ng
RT: 9.99 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

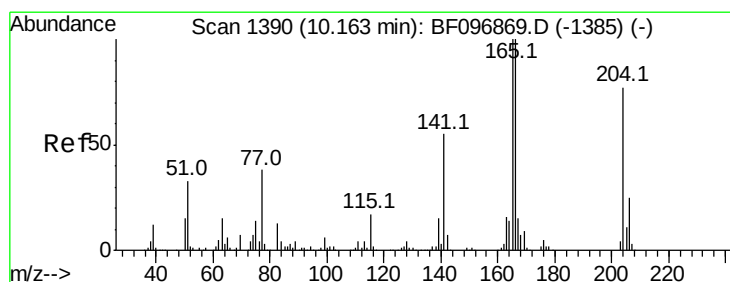
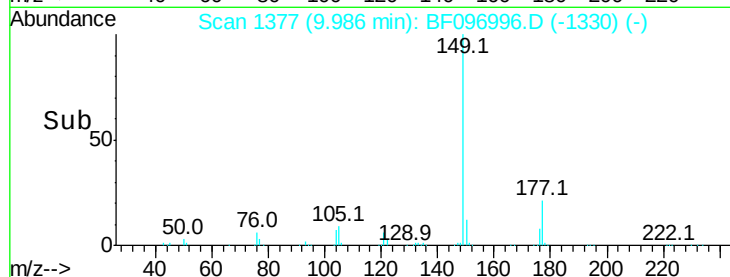
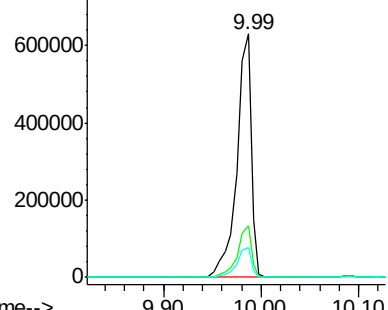
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.4	10.2	15.2

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



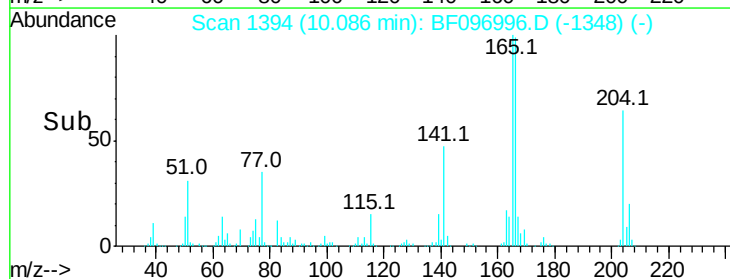
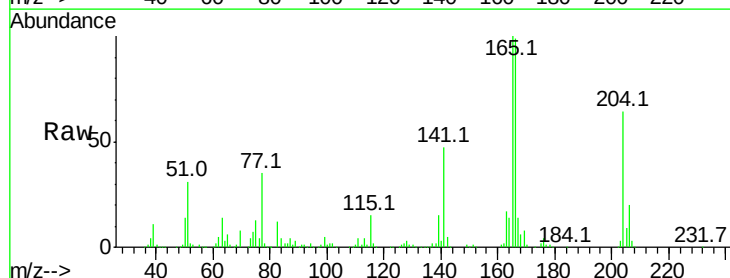
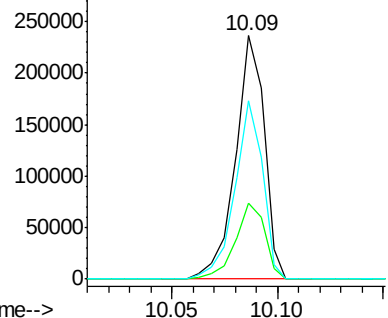
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

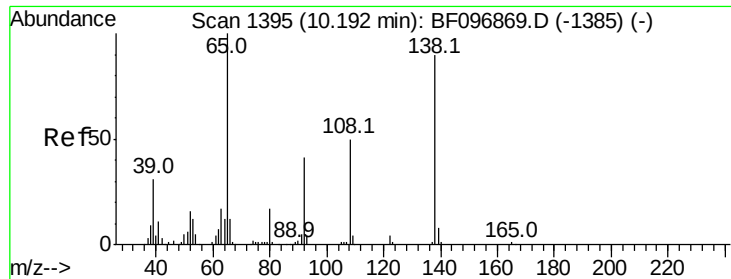


#60
4-Chlorophenyl-phenylether
Concen: 41.857 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.1	26.2	39.2
141	73.3	60.8	91.2

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





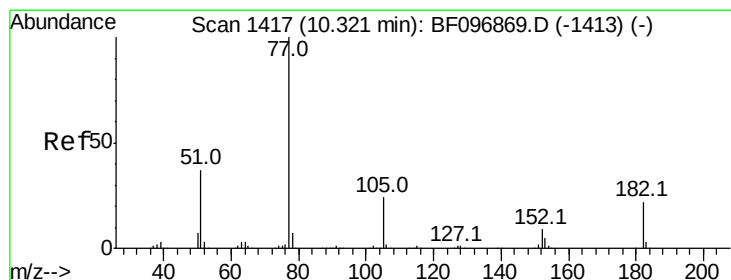
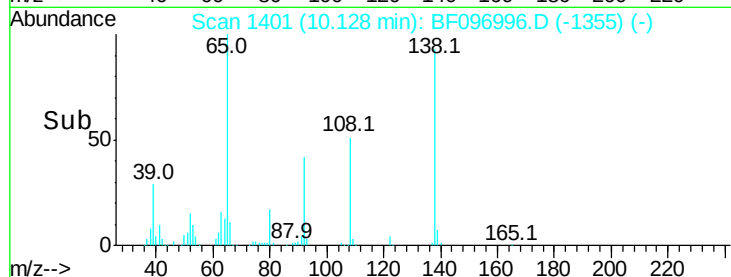
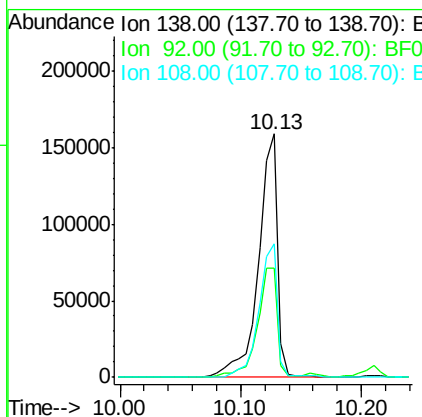
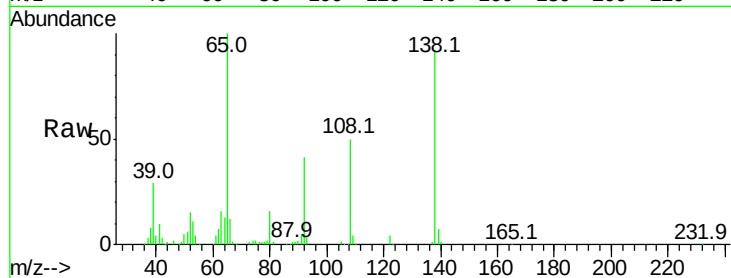
#61
4-Nitroaniline
Concen: 46.458 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	54.7	42.3	82.3

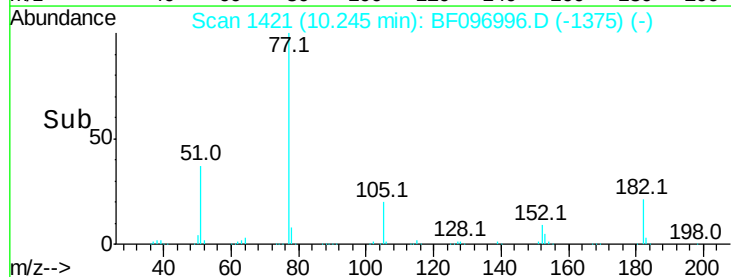
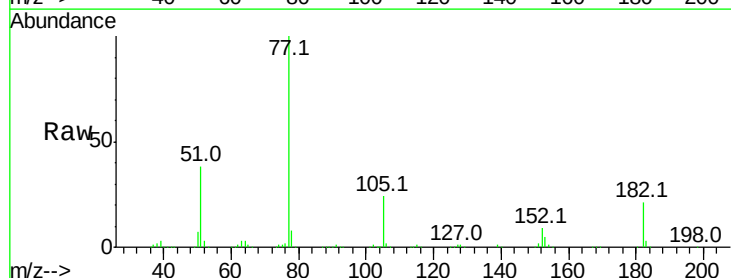
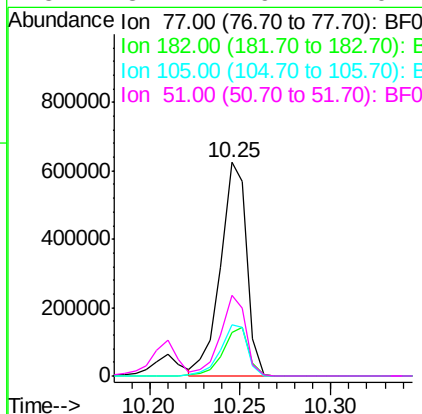
Manual Integrations
APPROVED

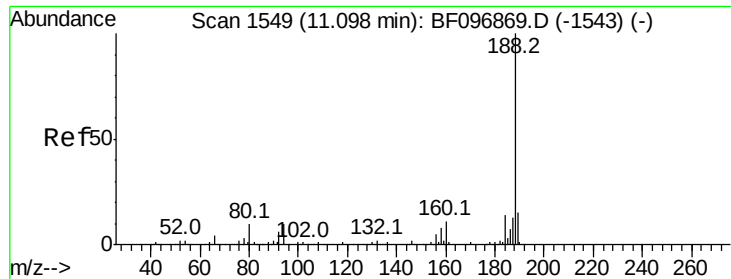
Sohil
7/25/2017 5:36:22 PM



#62
Azobenzene
Concen: 46.968 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.1	40.1
105	23.9	3.6	43.6
51	37.7	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.02 min Scan# 1553

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

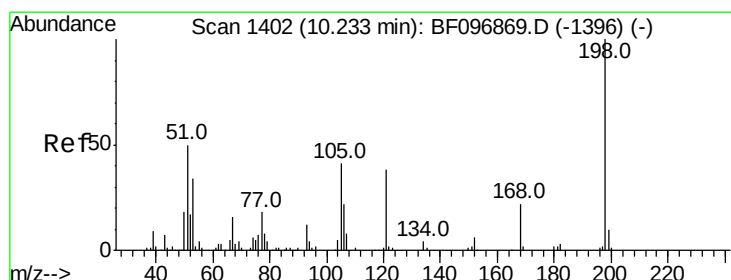
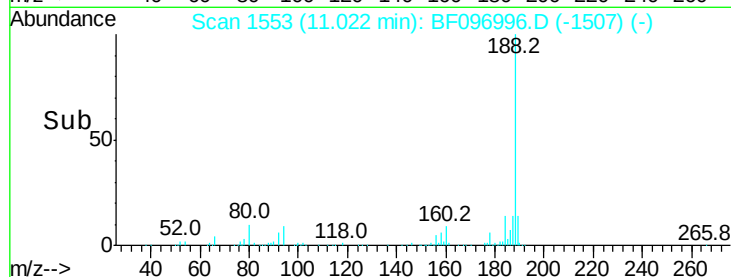
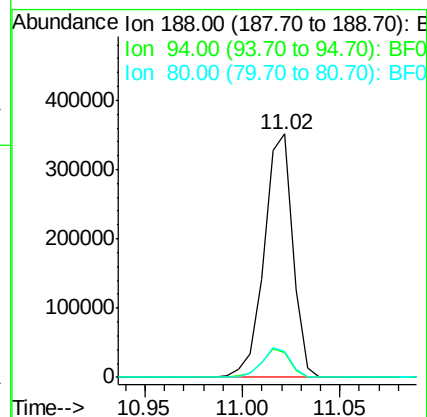
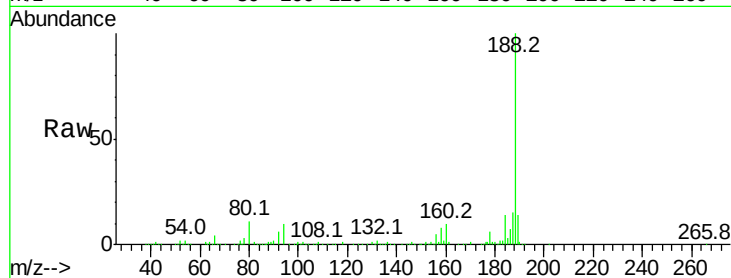
ClientSampleId :

PB100872BS

Tot Ion:188	Resp:	356473
Ion Ratio	Lower	Upper
188 100		
94 10.2	9.4	14.2
80 10.7	10.2	15.2

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 38.534 ng

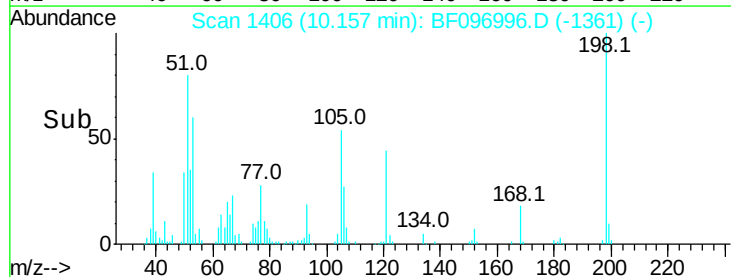
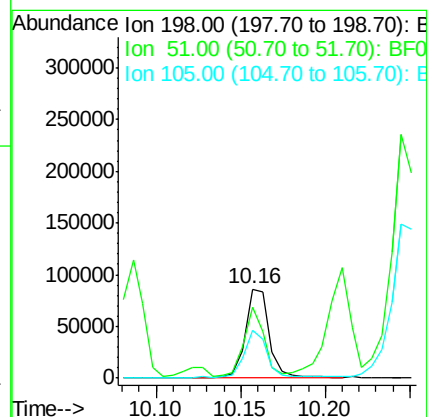
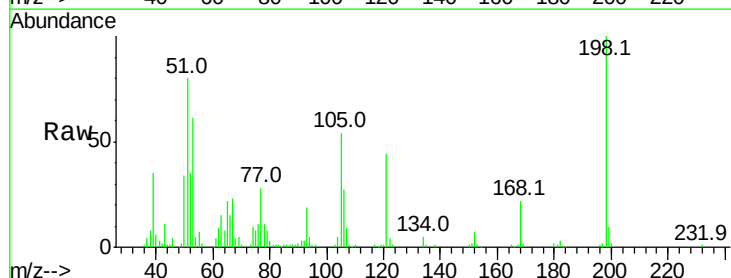
RT: 10.16 min Scan# 1406

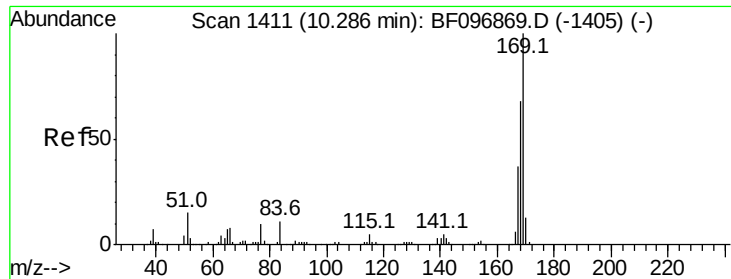
Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:198	Resp:	86244
Ion Ratio	Lower	Upper
198 100		
51 80.0	53.2	93.2
105 54.1	45.8	85.8





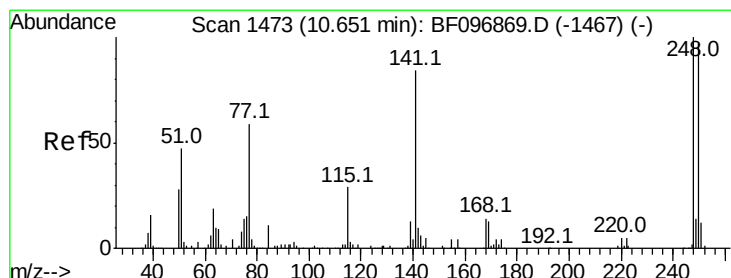
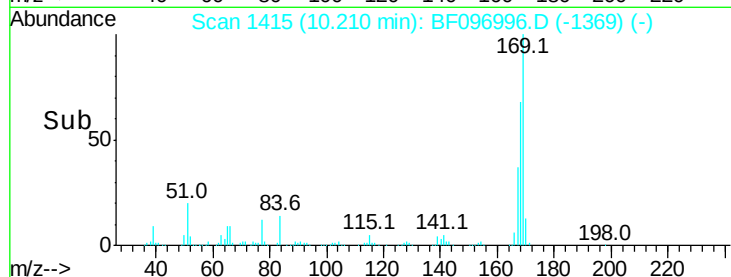
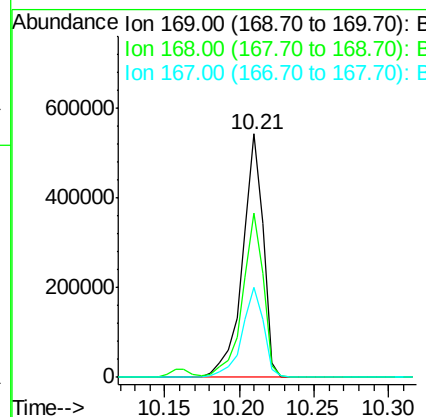
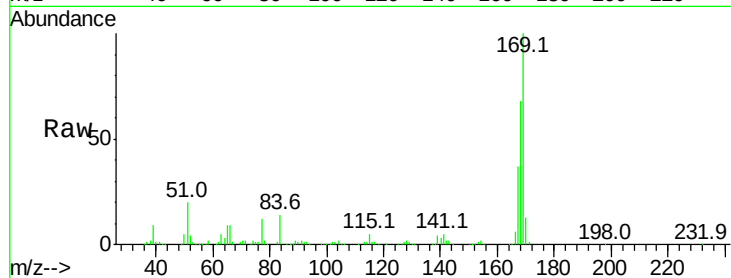
#65
n-Nitrosodiphenylamine
Concen: 41.205 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	53.2	79.8	
167	37.0	29.5	44.3	

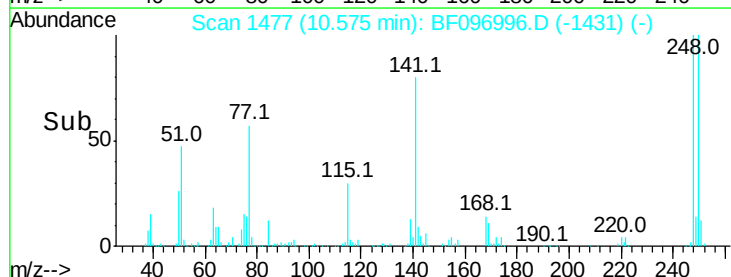
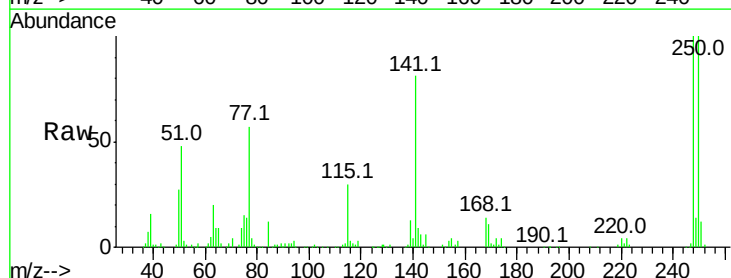
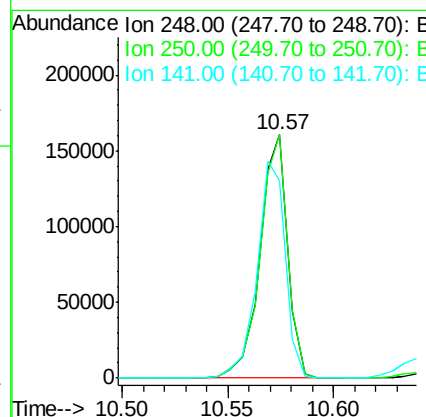
Manual Integrations
APPROVED

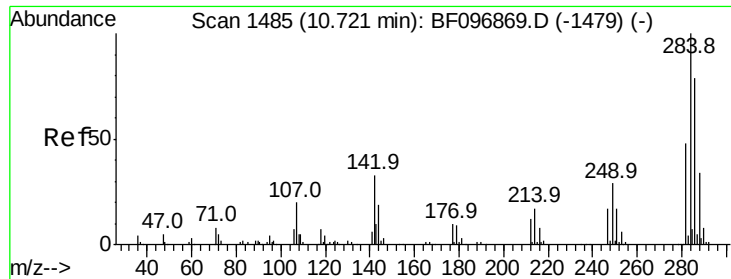
Sohil
7/25/2017 5:36:22 PM



#66
4-Bromophenyl-phenylether
Concen: 40.178 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.8	76.8	115.2	
141	81.1	68.6	103.0	





#67

Hexachlorobenzene

Concen: 39.204 ng

RT: 10.64 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

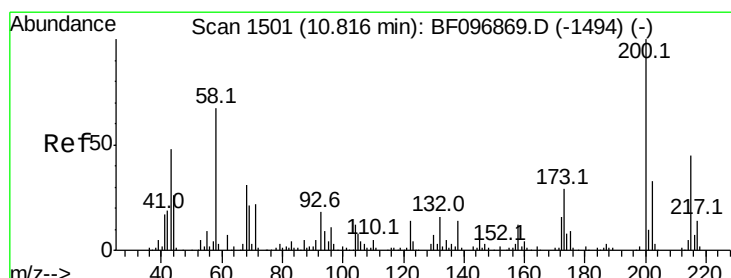
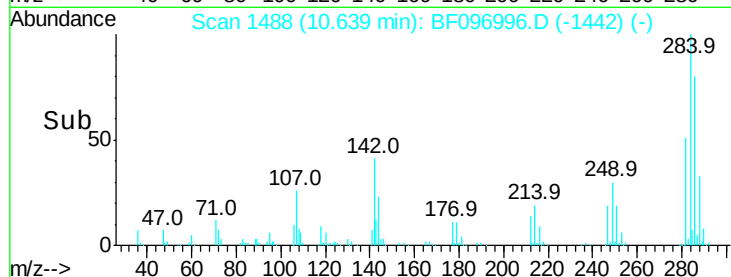
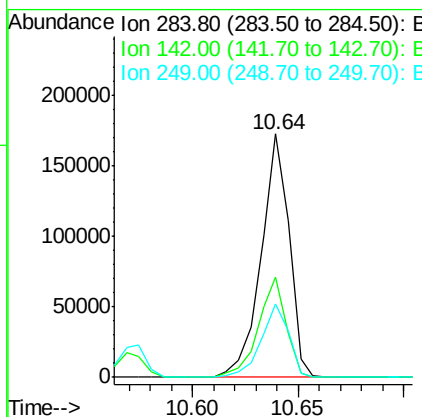
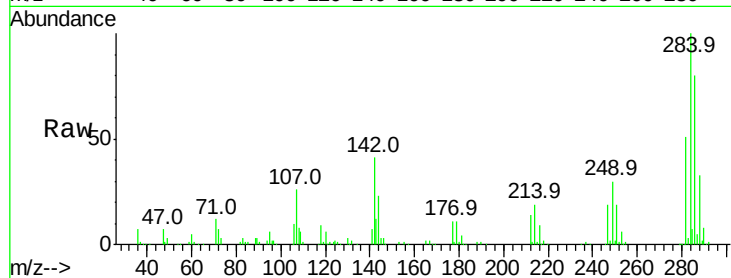
PB100872BS

Tot Ion:	284	Resp:	158912
Ion Ratio	Lower	Upper	
284	100		
142	41.2	22.8	34.2#
249	29.9	24.0	36.0

Manual Integrations
APPROVED

Sohil

7/25/2017 5:36:22 PM



#68

Atrazine

Concen: 42.939 ng

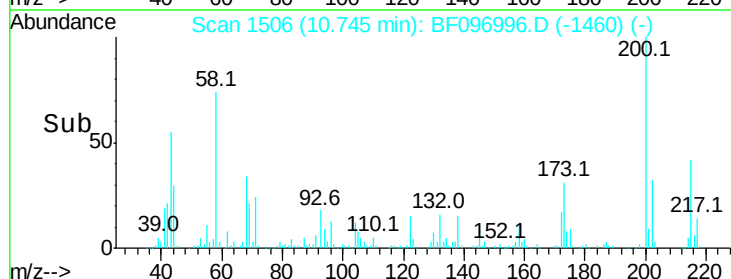
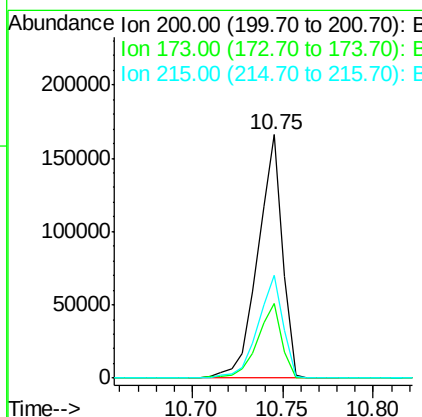
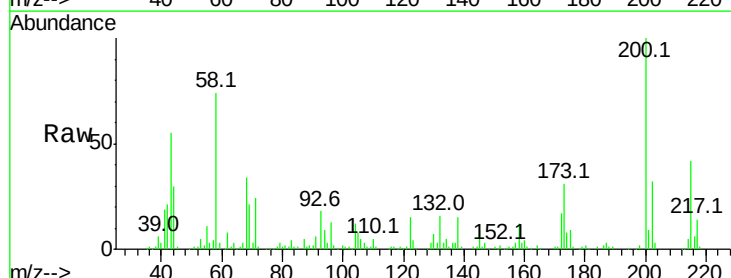
RT: 10.75 min Scan# 1506

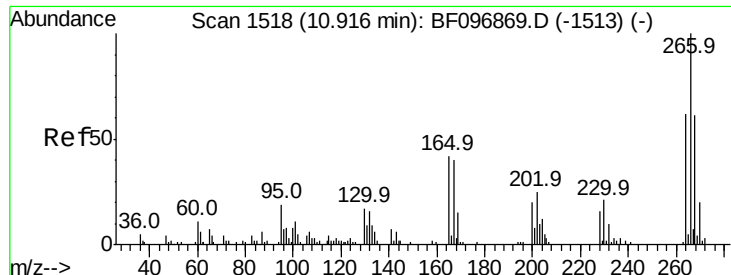
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:	200	Resp:	155882
Ion Ratio	Lower	Upper	
200	100		
173	30.8	6.3	46.3
215	42.3	27.2	67.2





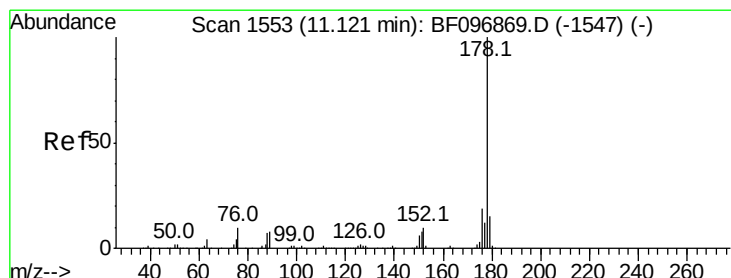
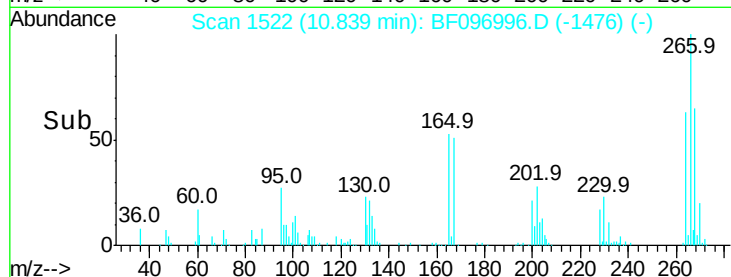
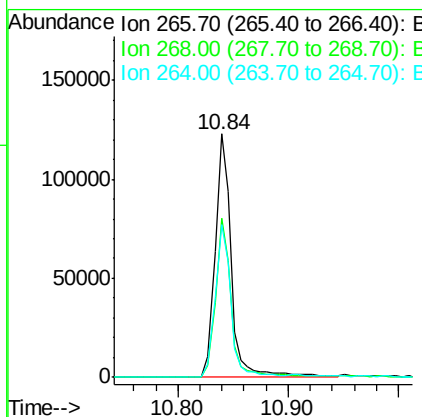
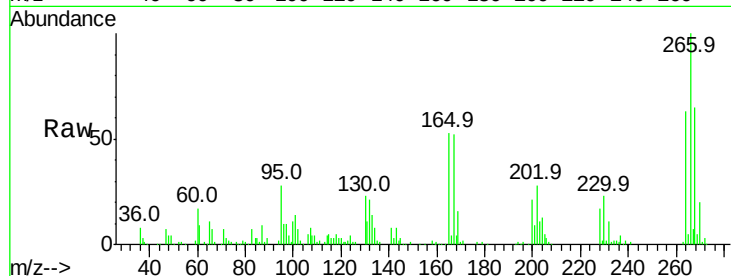
#69
 Pentachlorophenol
 Concen: 63.683 ng
 RT: 10.84 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion:	266	Resp:	124704
Ion Ratio	Lower	Upper	
266	100		
268	65.4	51.1	76.7
264	62.6	51.7	77.5

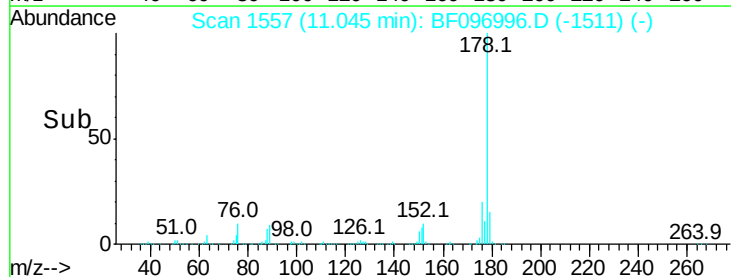
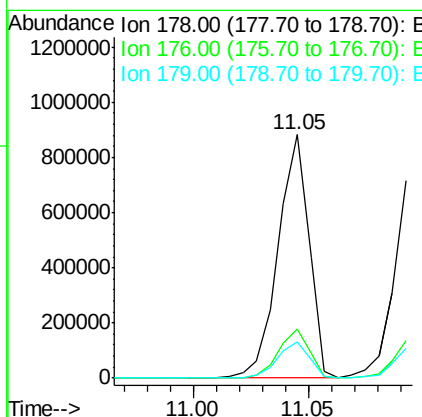
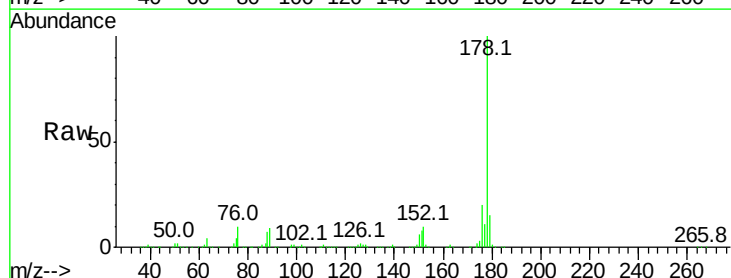
Manual Integrations
 APPROVED

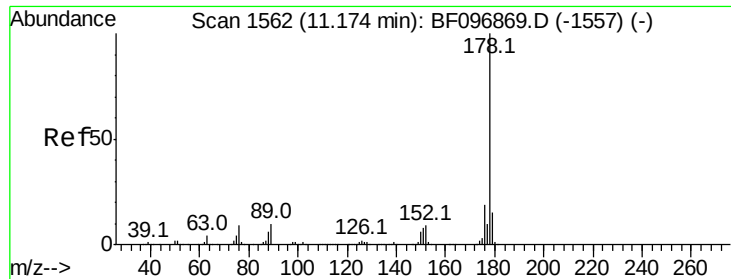
Sohil
 7/25/2017 5:36:22 PM



#70
 Phenanthrene
 Concen: 42.353 ng
 RT: 11.05 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion:	178	Resp:	820907
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.2	24.4
179	15.0	12.6	19.0





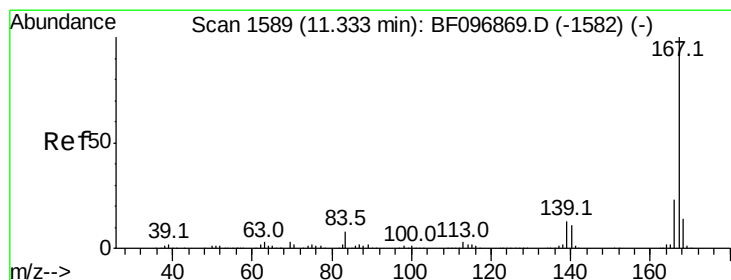
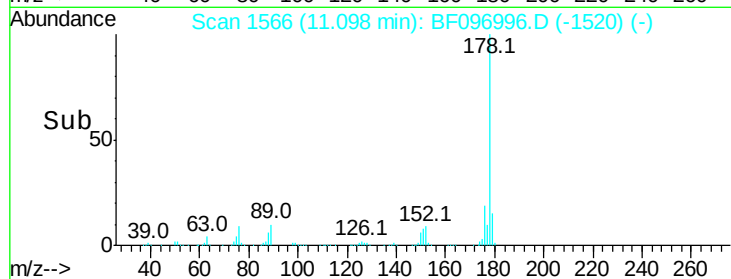
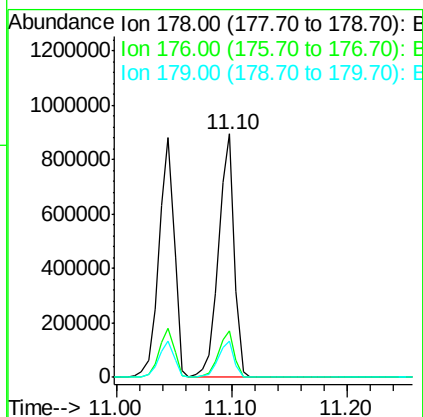
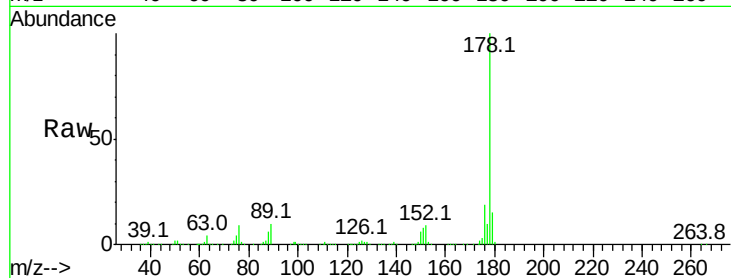
#71
 Anthracene
 Concen: 42.933 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.1	12.7	19.1

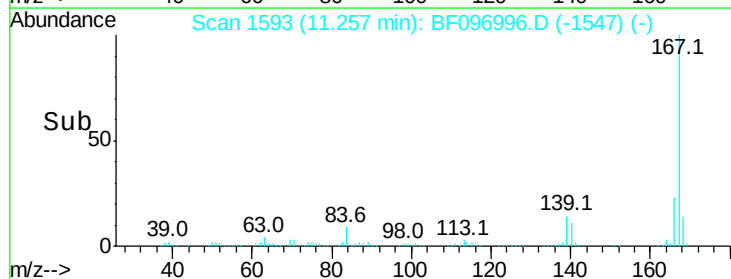
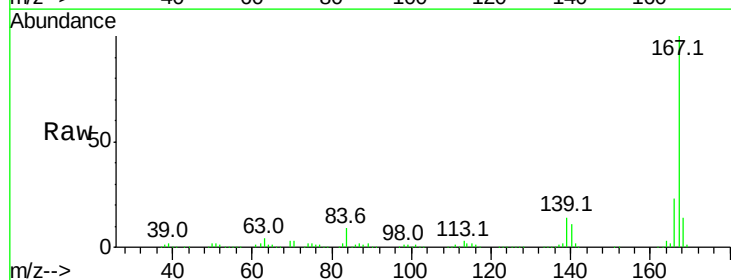
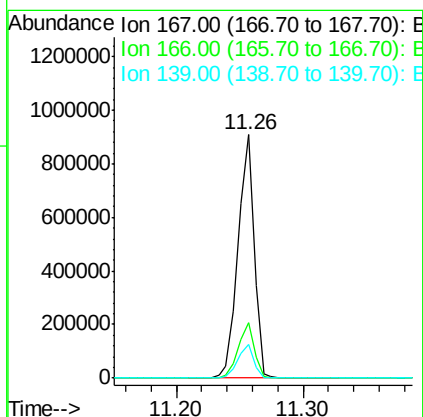
Manual Integrations
 APPROVED

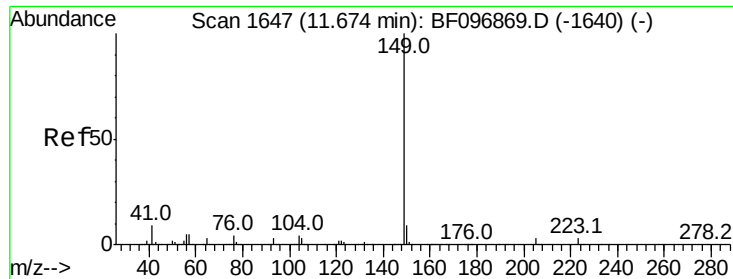
Sohil
 7/25/2017 5:36:22 PM



#72
 Carbazole
 Concen: 41.806 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.573 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

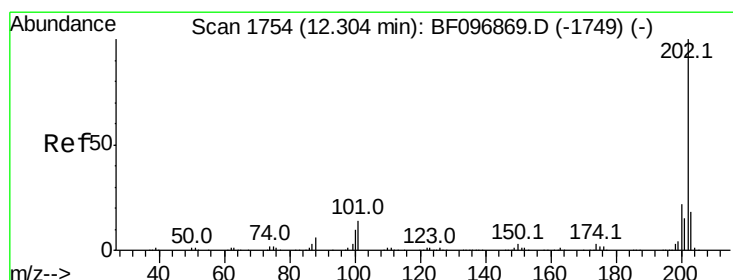
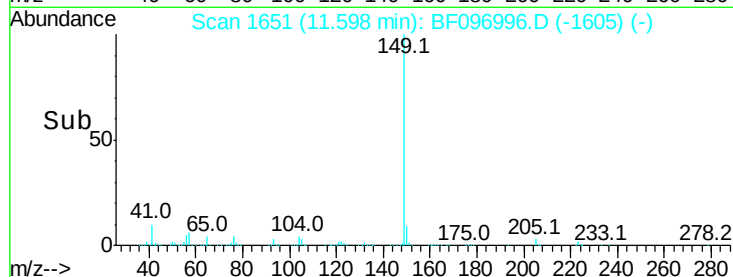
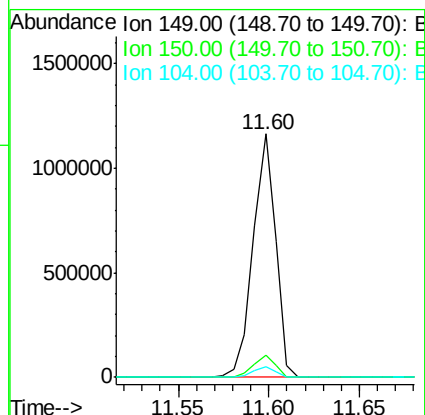
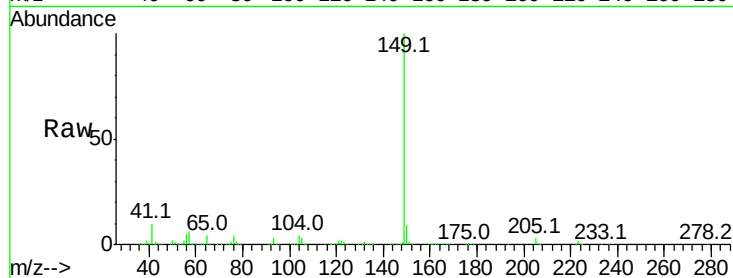
ClientSampleId :

PB100872BS

Tot Ion:	149	Resp:	1006208
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#74

Fluoranthene

Concen: 44.315 ng

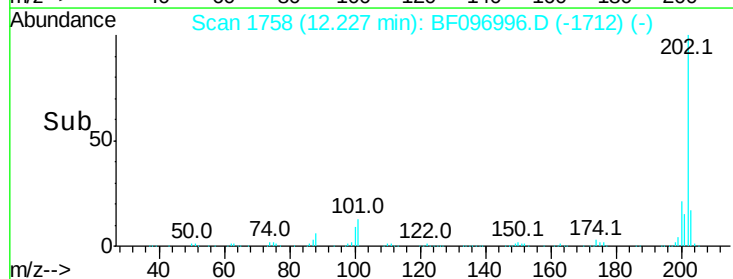
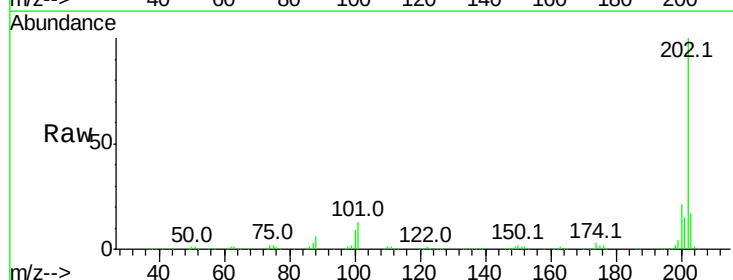
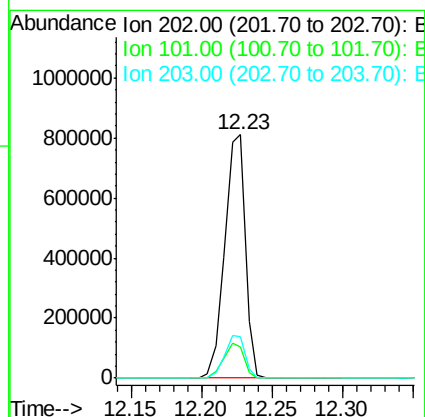
RT: 12.23 min Scan# 1758

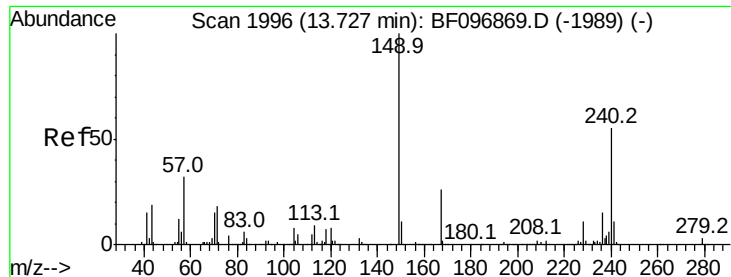
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion:	202	Resp:	822165
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.2
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.64 min Scan# 1999

Delta R.T. -0.04 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

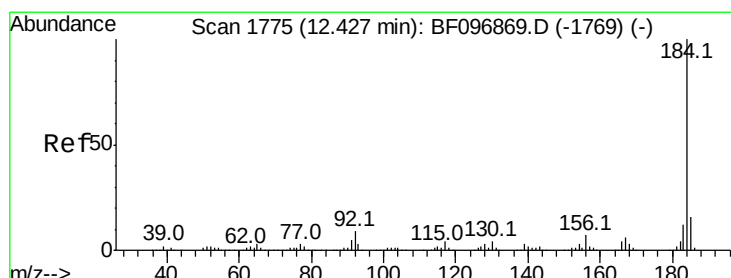
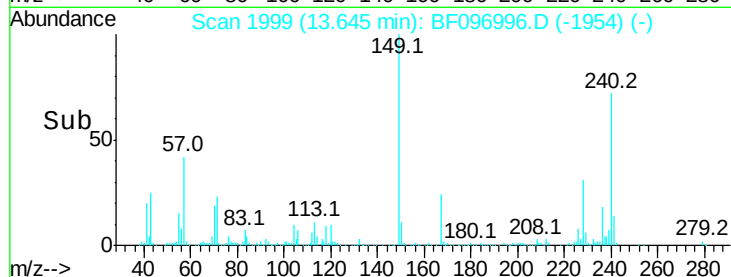
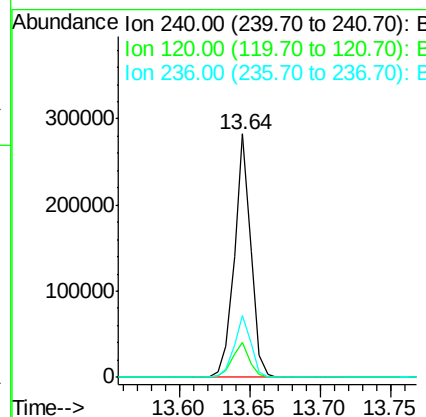
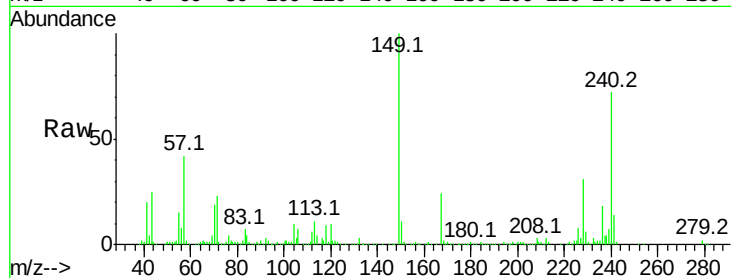
ClientSampleId :

PB100872BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.2	20.5	30.7

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM



#76

Benzidine

Concen: 44.092 ng

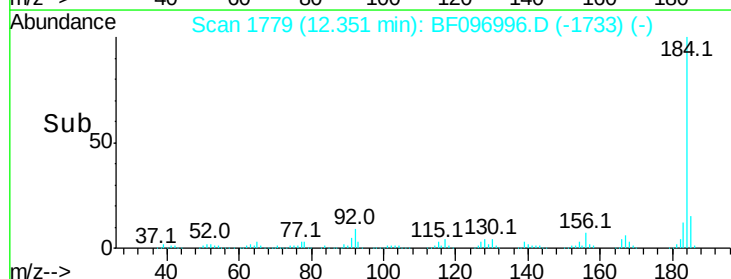
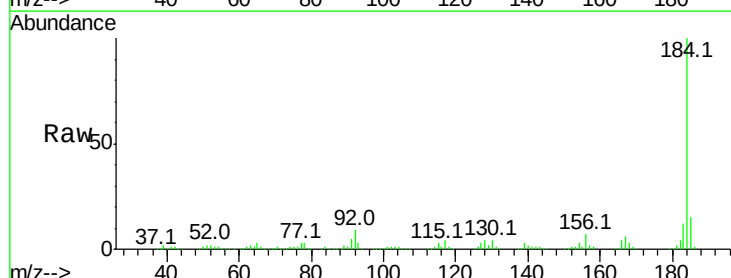
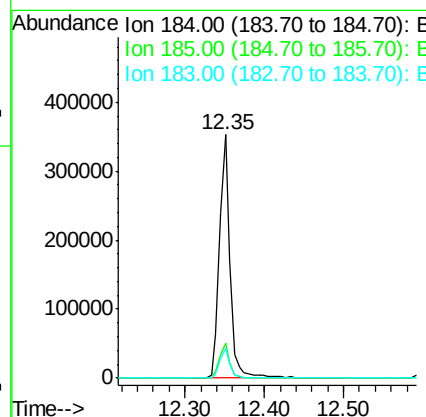
RT: 12.35 min Scan# 1779

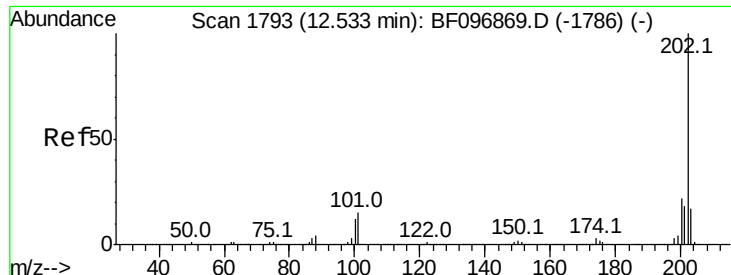
Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	15.5	23.3#
183	12.4	9.8	14.6





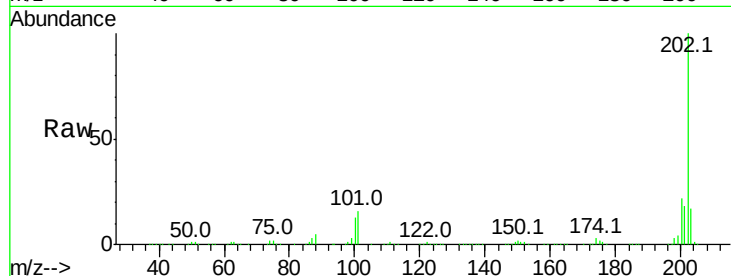
#77
Pvrene
Concen: 40.725 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.4	14.4	21.6

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:22 PM

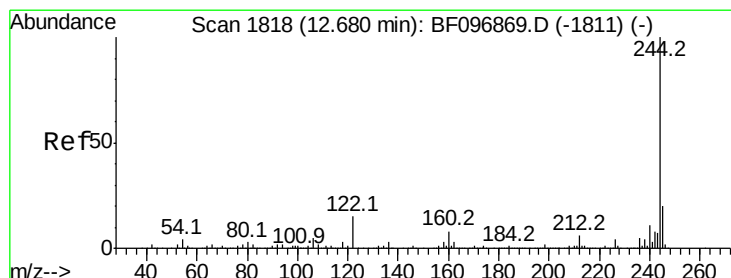
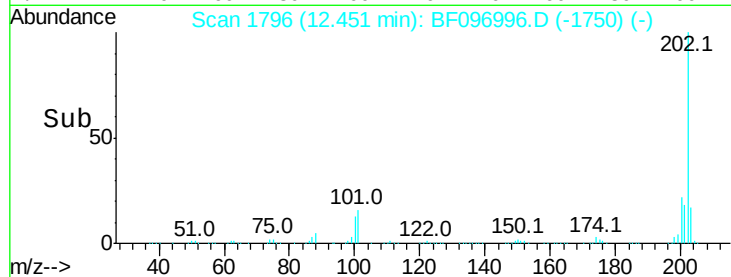
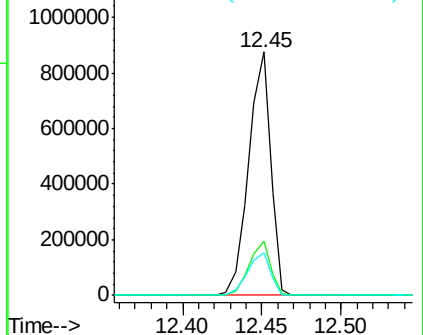


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 66.577 ng
RT: 12.60 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

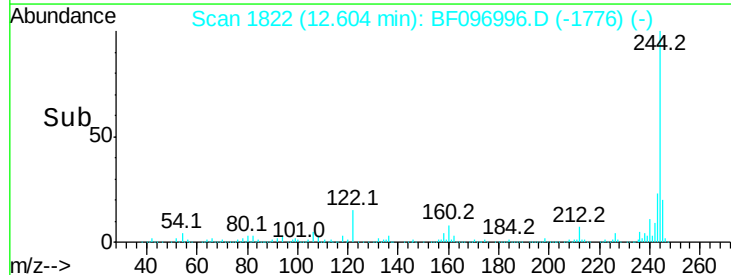
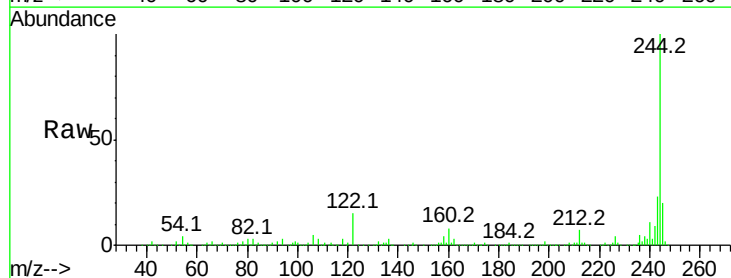
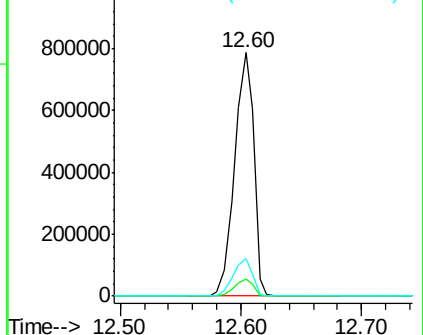
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.2	10.3	15.5

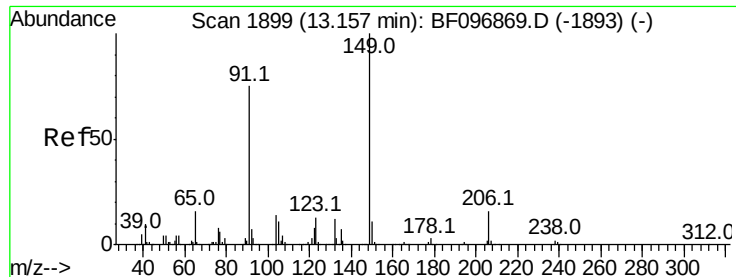
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.709 ng

RT: 13.08 min Scan# 1903

Delta R.T. -0.03 min

Lab File: BF096996.D

Acq: 24 Jul 2017 20:24

Instrument :

BNA_F

ClientSampleId :

PB100872BS

Tot Ion:149 Resp: 420315
Ion Ratio Lower Upper

149 100

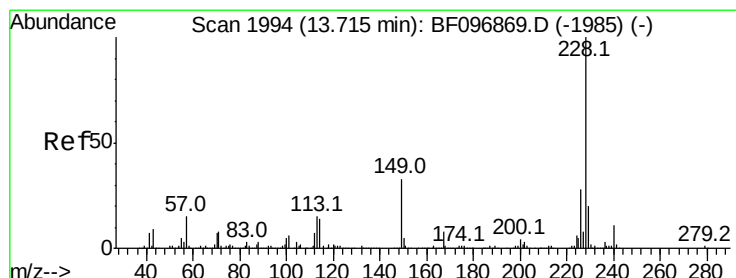
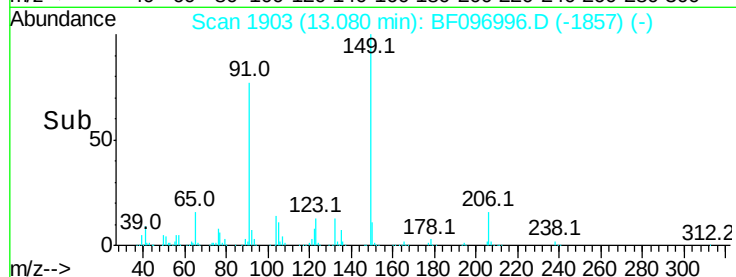
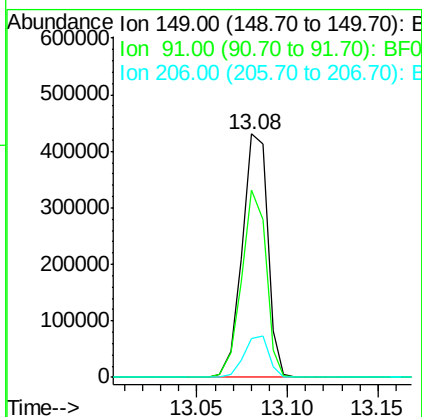
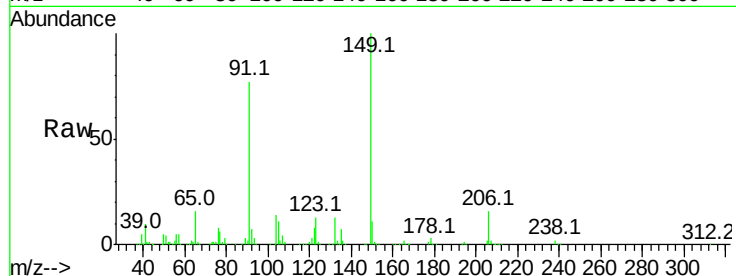
91 76.9 45.0 67.4#

206 15.8 17.0 25.6#

Manual Integrations
APPROVED

Sohil

7/25/2017 5:36:22 PM



#80

Benzo(a)anthracene

Concen: 44.883 ng

RT: 13.63 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096996.D

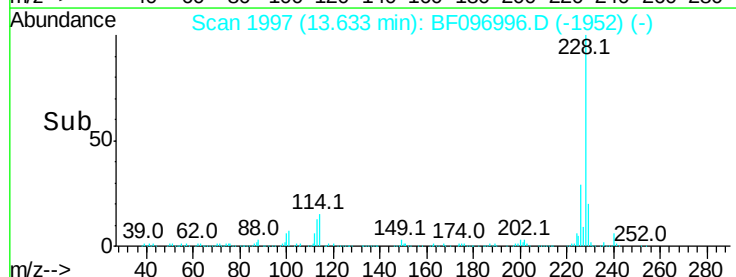
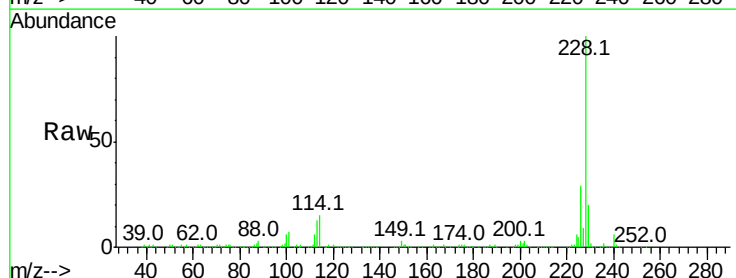
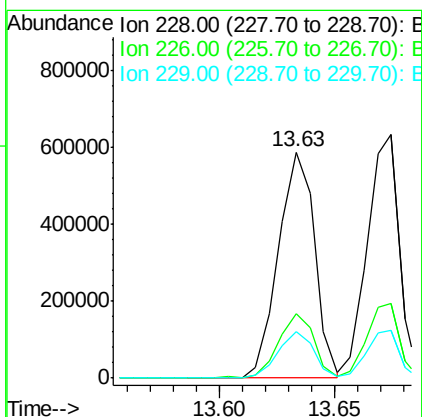
Acq: 24 Jul 2017 20:24

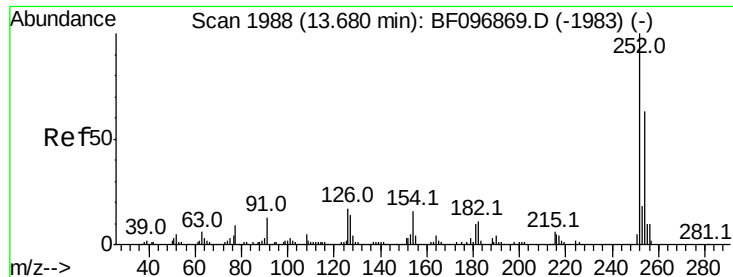
Tgt Ion:228 Resp: 638260
Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

229 20.3 16.3 24.5





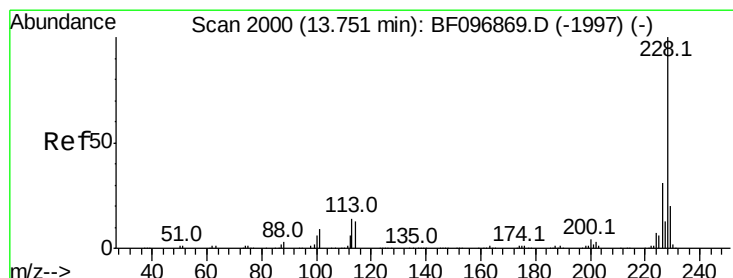
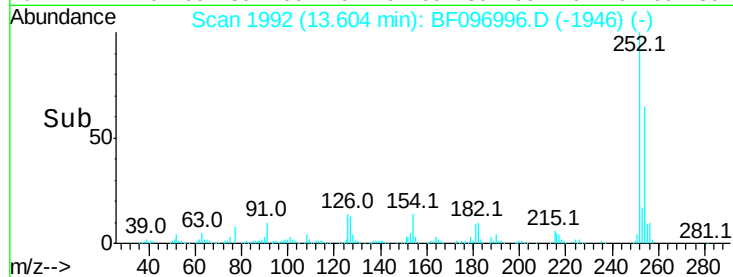
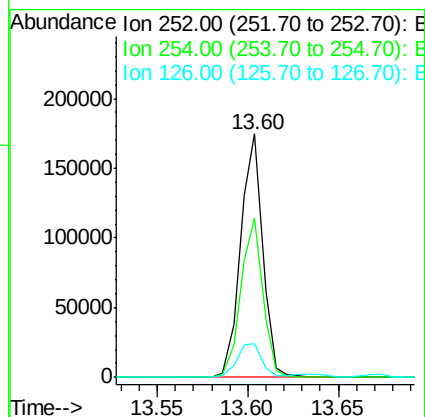
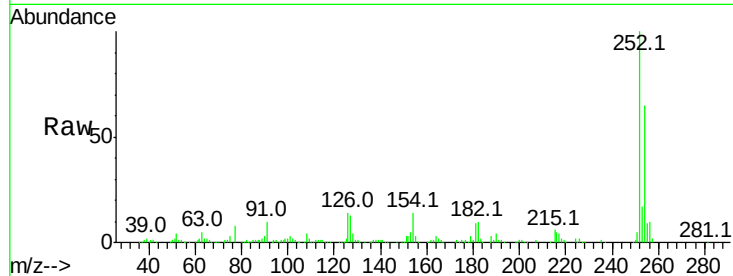
#81
 3,3'-Dichlorobenzidine
 Concen: 29.037 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	51.5	77.3
126	13.8	15.8	23.8

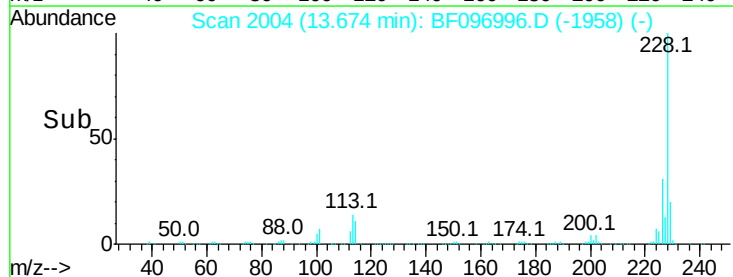
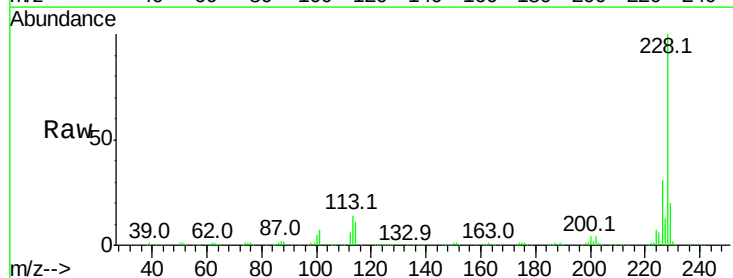
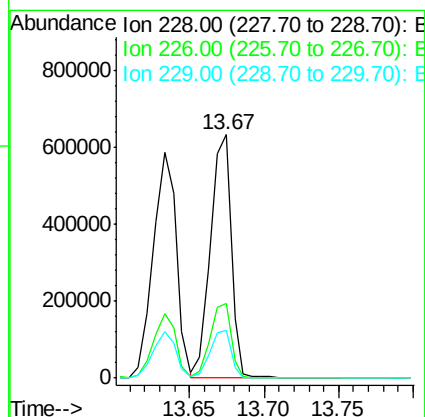
Manual Integrations
 APPROVED

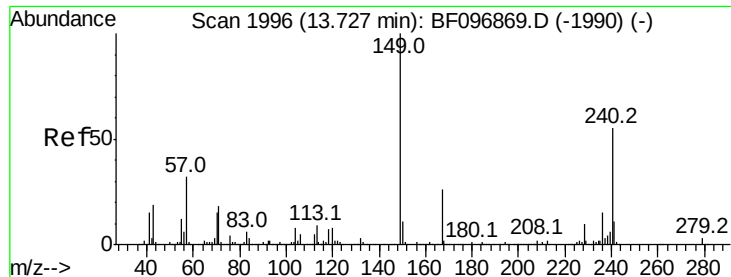
Sohil
 7/25/2017 5:36:22 PM



#82
 Chrysene
 Concen: 43.518 ng
 RT: 13.67 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.5	15.8	23.6





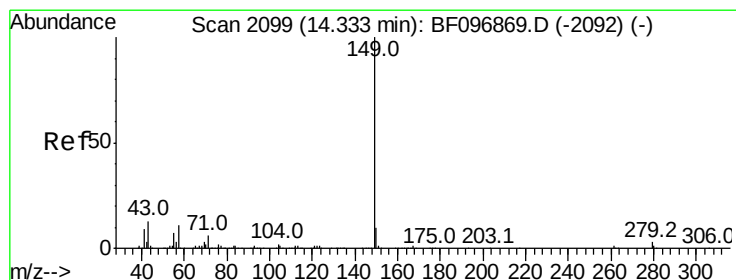
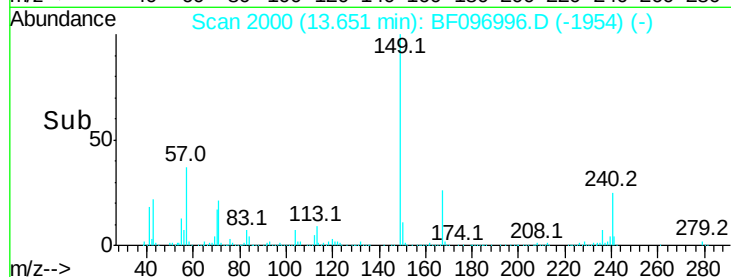
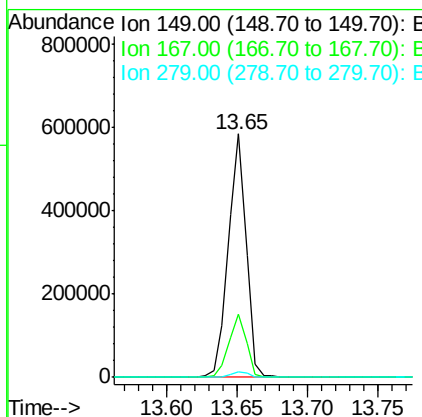
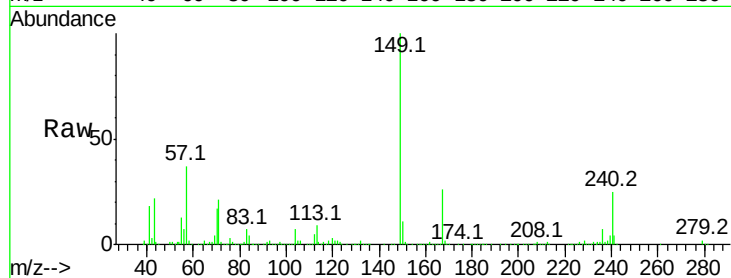
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.925 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	514459		
167	25.7		21.0	31.4
279	2.5		1.9	2.9

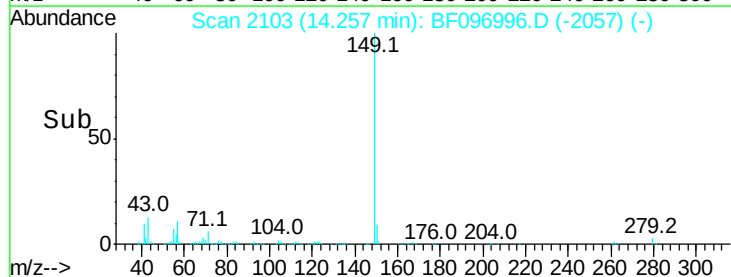
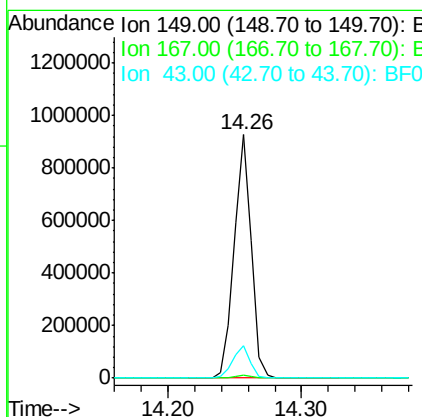
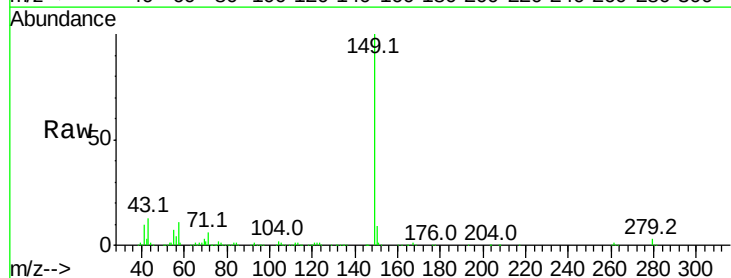
Manual Integrations
 APPROVED

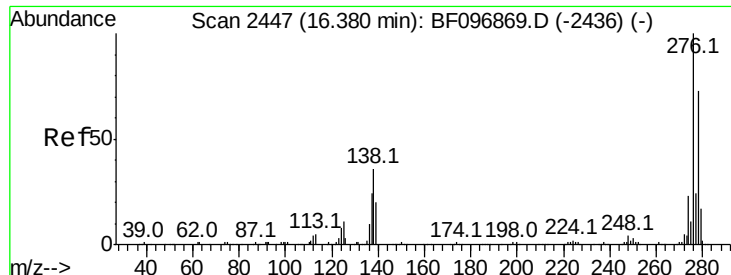
Sohil
 7/25/2017 5:36:22 PM



#84
 Di-n-octyl phthalate
 Concen: 42.182 ng
 RT: 14.26 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835672		
167	1.5		1.2	1.8
43	13.3		8.5	12.7#





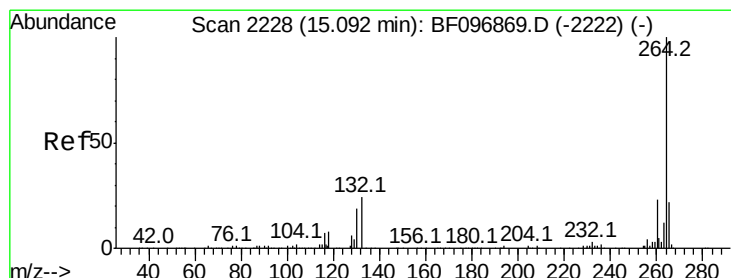
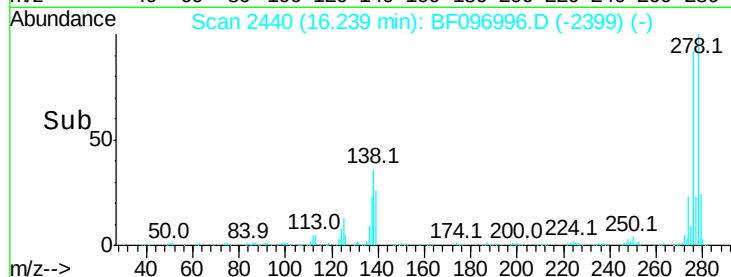
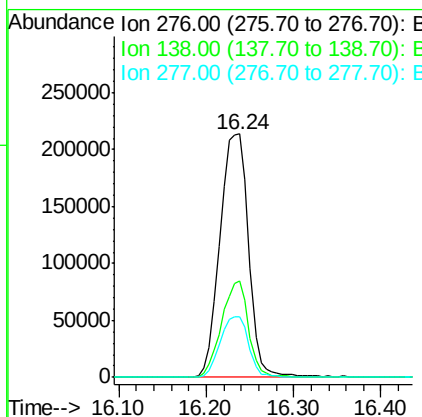
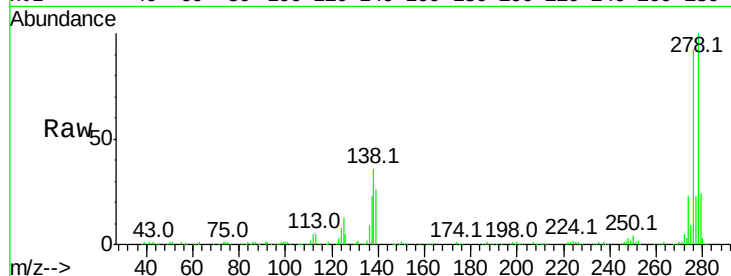
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.442 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.06 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampled :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.4	27.8	41.6
277	25.0	20.2	30.4

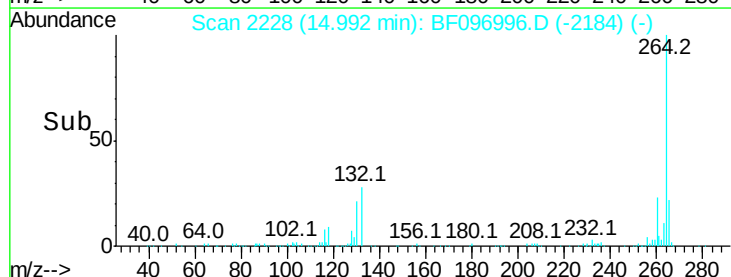
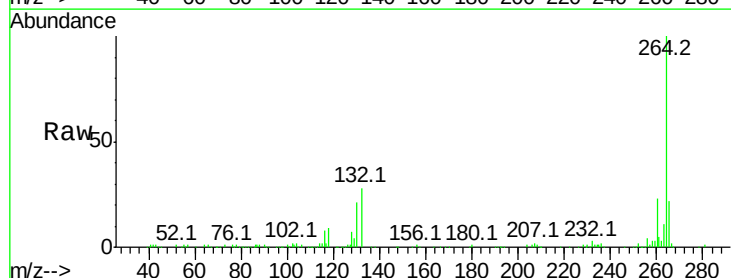
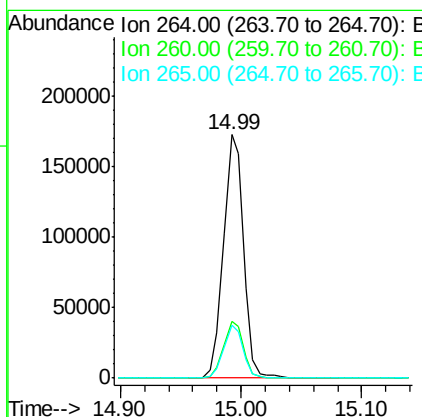
Manual Integrations
 APPROVED

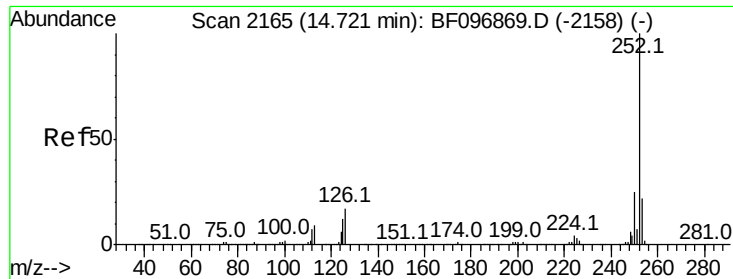
Sohil
 7/25/2017 5:36:22 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.7	17.2	25.8





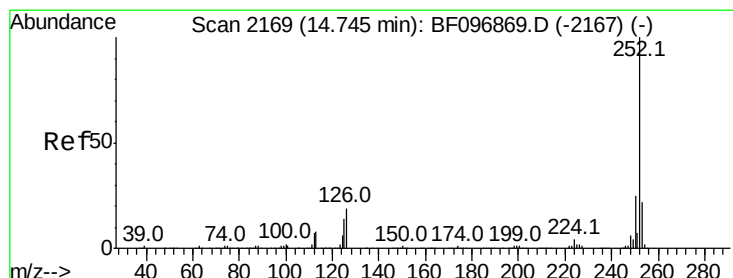
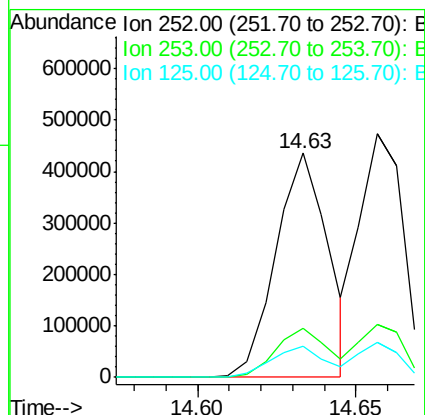
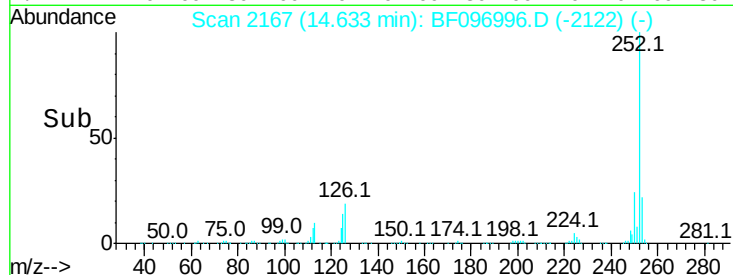
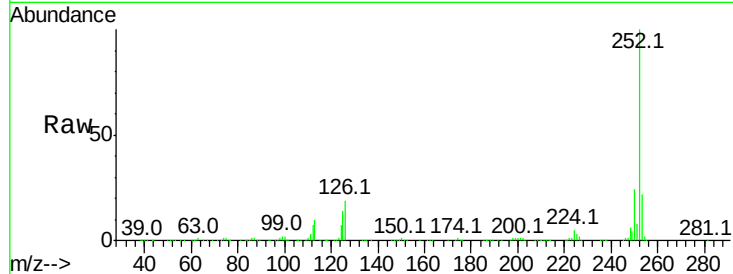
#87
Benzo(b)fluoranthene
Concen: 41.752 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.8	9.8	14.8

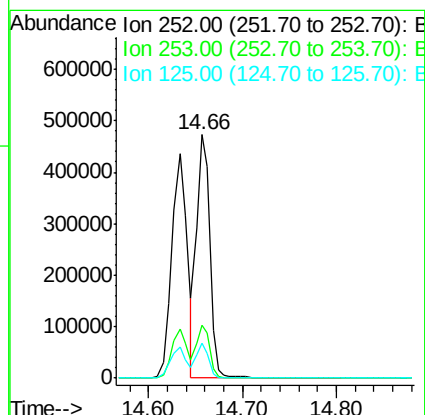
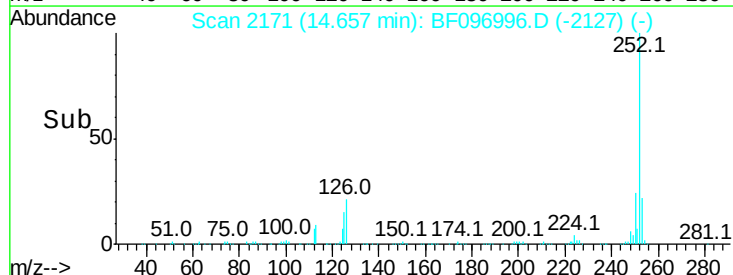
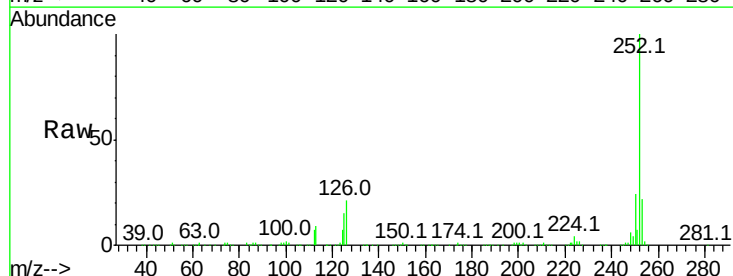
Manual Integrations
APPROVED

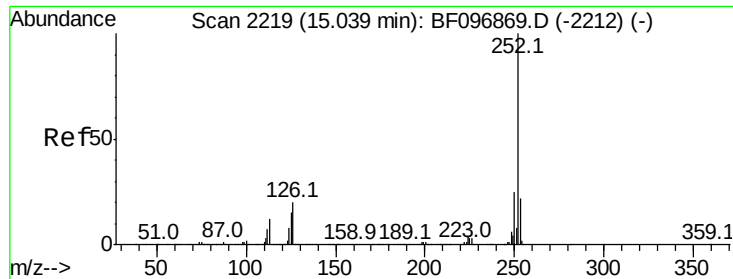
Sohil
7/25/2017 5:36:22 PM



#88
Benzo(k)fluoranthene
Concen: 40.994 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.5	13.1	19.7





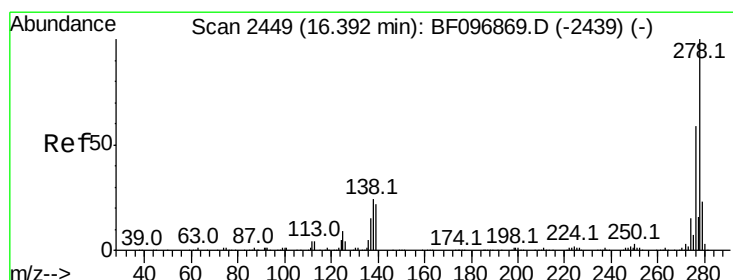
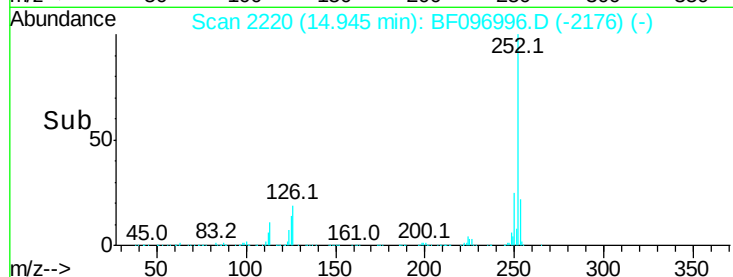
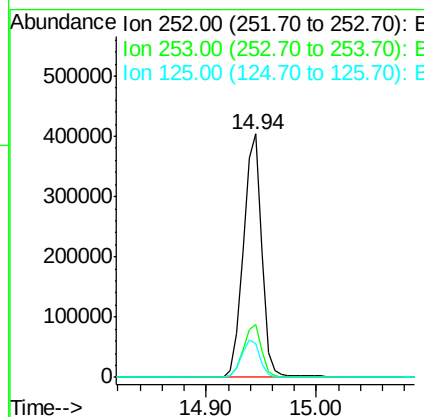
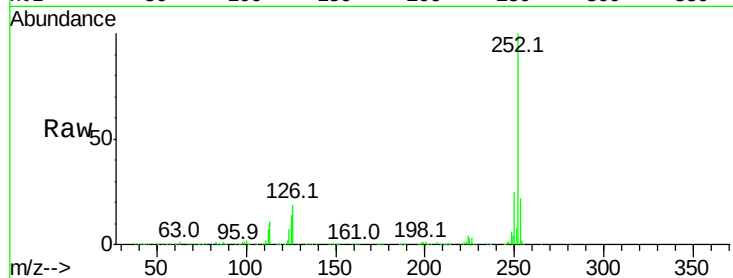
#89
Benzo(a)pyrene
Concen: 43.251 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Instrument :
BNA_F
ClientSampleId :
PB100872BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.1	11.0	16.4

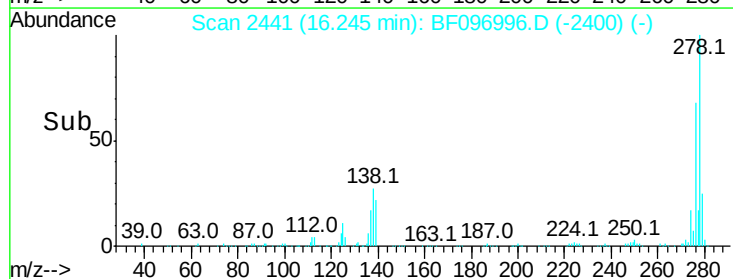
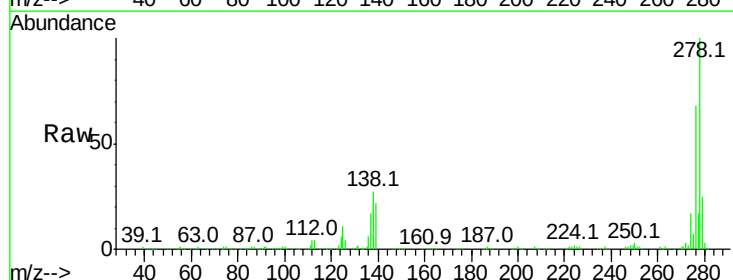
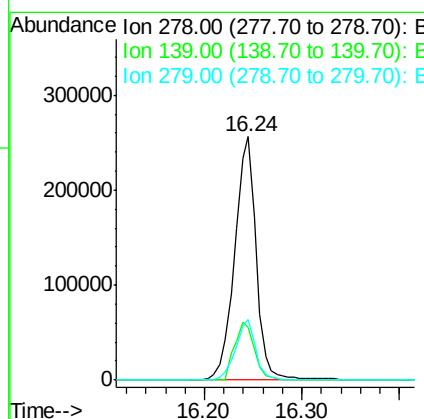
Manual Integrations
APPROVED

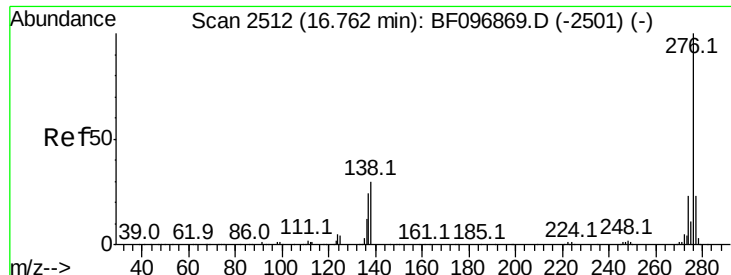
Sohil
7/25/2017 5:36:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.814 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.06 min
Lab File: BF096996.D
Acq: 24 Jul 2017 20:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	24.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.235 ng
 RT: 16.60 min Scan# 2502
 Delta R.T. -0.06 min
 Lab File: BF096996.D
 Acq: 24 Jul 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB100872BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	31.3	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:36:22 PM

