

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098870.D
 Acq On : 27 Sep 2017 18:41
 Operator : SJ/JU
 Sample : PB102662BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM

Quant Time: Sep 28 04:00:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139857	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	580888	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	271285	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	506788	20.00	ng	0.00
75) Chrysene-d12	14.09	240	444458	20.00	ng	0.00
86) Perylene-d12	15.57	264	414413	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	740120	84.24	ng	0.00
7) Phenol-d6	6.54	99	892728	82.37	ng	0.00
23) Nitrobenzene-d5	7.48	82	771719	85.20	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	207844	93.63	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1429174	87.95	ng	0.00
78) Terphenyl-d14	13.03	244	1356777	69.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	137169	32.685	ng	98
3) Pyridine	3.55	79	392477	34.570	ng	98
4) n-Nitrosodimethylamine	3.50	42	192024	39.887	ng	97
6) Aniline	6.57	93	384866	26.311	ng	98
8) 2-Chlorophenol	6.70	128	383839	38.580	ng	99
9) Benzaldehyde	6.46	77	85787	13.646	ng	98
10) Phenol	6.55	94	467821	38.596	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	359792	38.183	ng	95
12) 1,3-Dichlorobenzene	6.86	146	396720	38.074	ng	98
13) 1,4-Dichlorobenzene	6.93	146	400850	37.811	ng	98
14) 1,2-Dichlorobenzene	7.09	146	374733	38.255	ng	99
15) Benzyl Alcohol	7.05	79	324118	40.765	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	552919	37.662	ng	98
17) 2-Methylphenol	7.16	107	325677	40.006	ng	97
18) Hexachloroethane	7.43	117	142017	37.270	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	255599	36.939	ng	97
20) 3+4-Methylphenols	7.31	107	401548	38.990	ng	93
22) Acetophenone	7.32	105	512681	36.428	ng	# 98
24) Nitrobenzene	7.50	77	388461	37.806	ng	94
25) Isophorone	7.73	82	710878	37.959	ng	100
26) 2-Nitrophenol	7.81	139	209031	42.305	ng	95
27) 2,4-Dimethylphenol	7.85	122	362561	38.855	ng	96
28) bis(2-Chloroethoxy)methane	7.94	93	458718	39.305	ng	99
29) 2,4-Dichlorophenol	8.05	162	321383	40.115	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	315505	39.375	ng	99
31) Naphthalene	8.22	128	1071375	39.270	ng	99
32) Benzoic acid	7.96	122	216167	28.202	ng	94
33) 4-Chloroaniline	8.26	127	262597	23.049	ng	97
34) Hexachlorobutadiene	8.33	225	158825	38.483	ng	99
35) Caprolactam	8.63	113	122647m	47.724	ng	
36) 4-Chloro-3-methylphenol	8.75	107	352495	39.145	ng	95
37) 2-Methylnaphthalene	8.91	142	747842	42.166	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	288026	35.601	ng	100
40) Hexachlorocyclopentadiene	9.06	237	309735	83.772	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098870.D
 Acq On : 27 Sep 2017 18:41
 Operator : SJ/JU
 Sample : PB102662BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

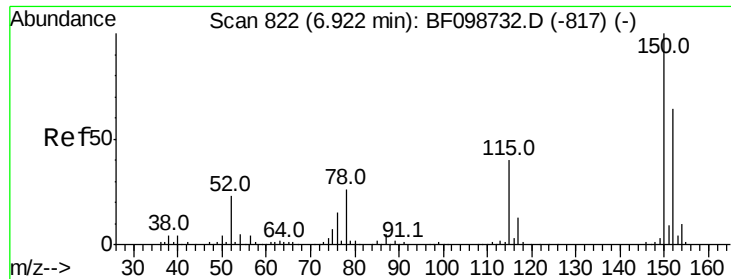
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM

Quant Time: Sep 28 04:00:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	226528	39.523	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	232288	40.599	ng	95
45) 1,1'-Biphenyl	9.37	154	866091	37.147	ng	99
46) 2-Chloronaphthalene	9.40	162	684320	39.091	ng	98
47) 2-Nitroaniline	9.49	65	224370	41.858	ng	99
48) Acenaphthylene	9.82	152	1068753	39.882	ng	100
49) Dimethylphthalate	9.67	163	823466	40.218	ng	99
50) 2,6-Dinitrotoluene	9.73	165	188203	42.221	ng	98
51) Acenaphthene	9.99	154	676701	39.864	ng	100
52) 3-Nitroaniline	9.90	138	147001	28.283	ng	96
53) 2,4-Dinitrophenol	10.01	184	89760	41.687	ng	97
54) Dibenzofuran	10.16	168	963912	42.647	ng	99
55) 4-Nitrophenol	10.06	139	372098	84.666	ng	95
56) 2,4-Dinitrotoluene	10.14	165	261044	45.123	ng	93
57) Fluorene	10.50	166	737160	40.578	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	180465	45.660	ng	99
59) Diethylphthalate	10.37	149	816428	40.807	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	330530	40.504	ng	96
61) 4-Nitroaniline	10.52	138	216949	43.265	ng	92
62) Azobenzene	10.65	77	775655	42.164	ng	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	90046	29.203	ng	89
65) n-Nitrosodiphenylamine	10.61	169	682863	38.895	ng	98
66) 4-Bromophenyl-phenylether	10.98	248	195889	39.489	ng	99
67) Hexachlorobenzene	11.05	284	200616	37.865	ng	95
68) Atrazine	11.14	200	221292	41.894	ng	98
69) Pentachlorophenol	11.25	266	231012	70.060	ng	99
70) Phenanthrene	11.47	178	1102651	40.648	ng	99
71) Anthracene	11.52	178	1147392	41.338	ng	99
72) Carbazole	11.67	167	1128832	41.531	ng	99
73) Di-n-butylphthalate	11.99	149	1320625	40.366	ng	100
74) Fluoranthene	12.66	202	1214139	44.200	ng	99
76) Benzidine	12.77	184	506775	30.828	ng	97
77) Pyrene	12.89	202	1274132	37.594	ng	99
79) Butylbenzylphthalate	13.50	149	623829	39.165	ng	92
80) Benzo(a)anthracene	14.07	228	1098218	40.806	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	272015	27.571	ng	99
82) Chrysene	14.11	228	1034326	40.368	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	833568	38.006	ng	99
84) Di-n-octyl phthalate	14.66	149	1407675	39.860	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	969444	47.298	ng	96
87) Benzo(b)fluoranthene	15.13	252	1047468m	41.110	ng	
88) Benzo(k)fluoranthene	15.17	252	925912	36.791	ng	99
89) Benzo(a)pyrene	15.52	252	950798	40.652	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	797662	42.615	ng	98
91) Benzo(g,h,i)perylene	17.55	276	809292	43.740	ng	96

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



#1

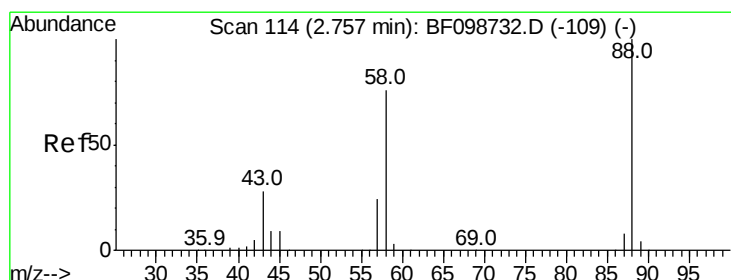
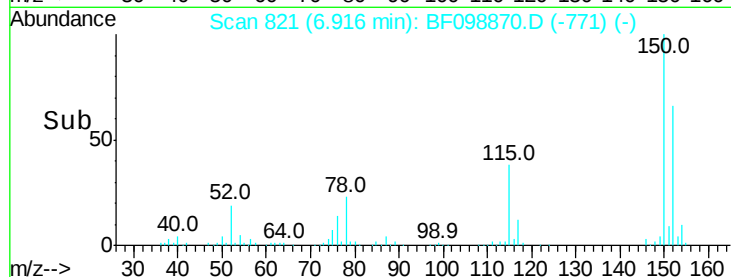
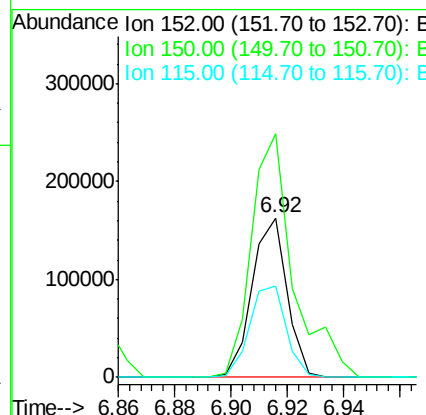
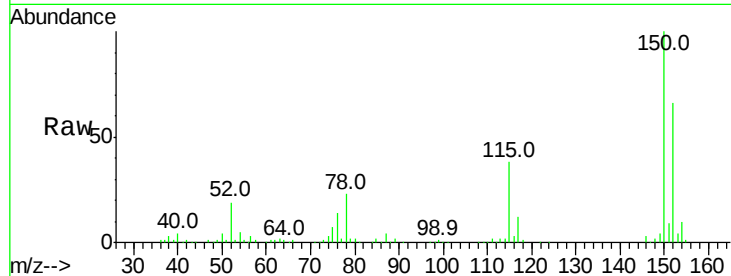
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	57.6	50.1	75.1

Manual Integrations
APPROVED

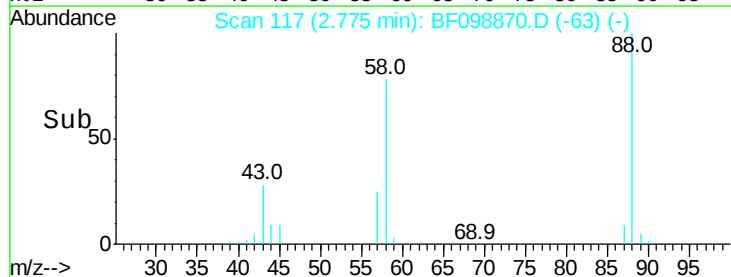
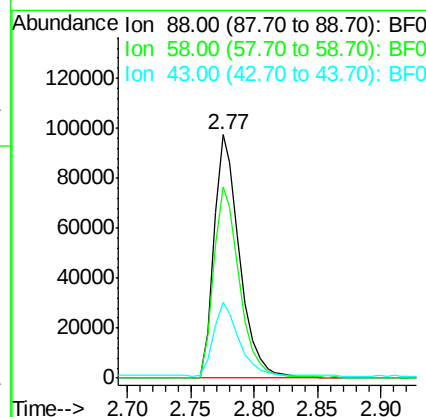
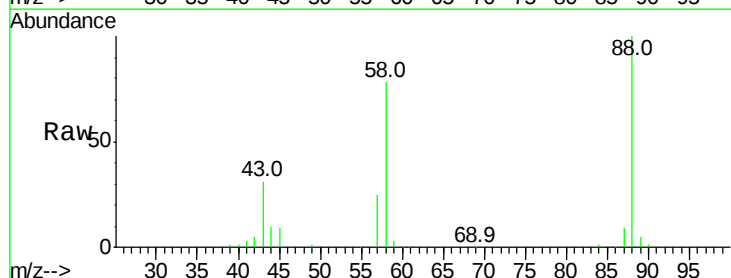
Sohil
9/28/2017 2:32:19 PM

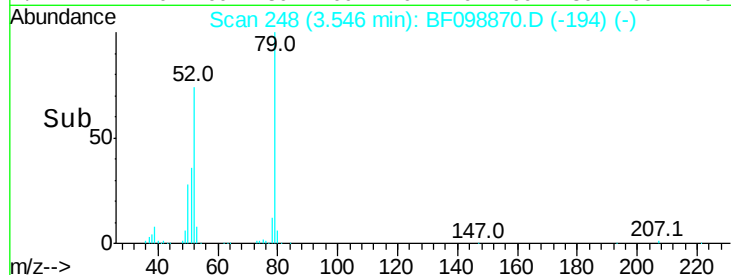
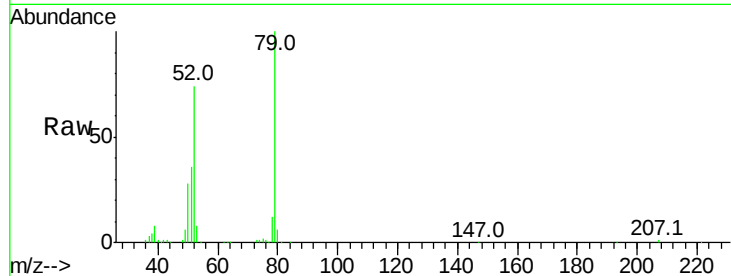
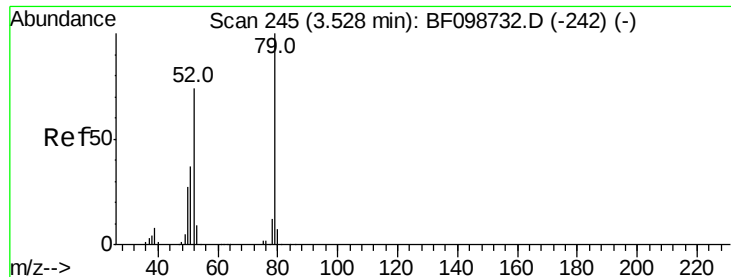


#2

1,4-Dioxane
Concen: 32.685 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.6	93.8
43	30.4	24.6	37.0





#3

Pvridine

Concen: 34.570 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.02 min

Lab File: BF098870.D

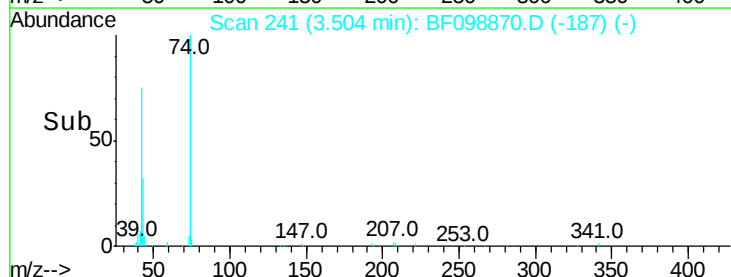
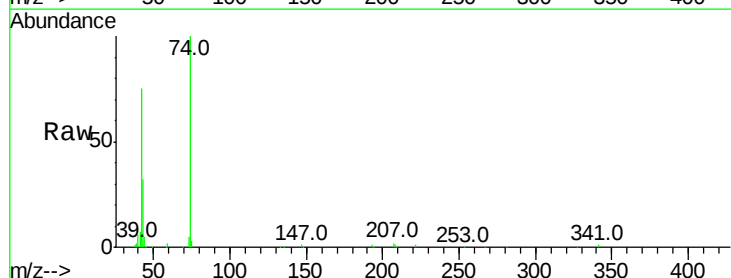
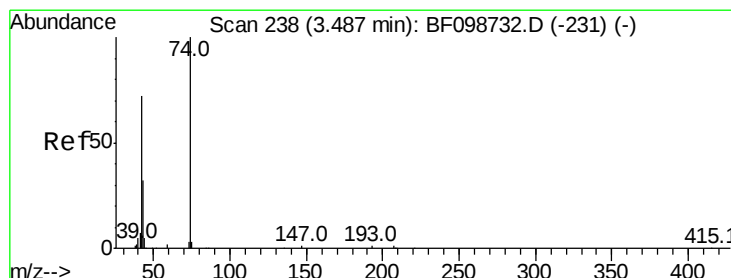
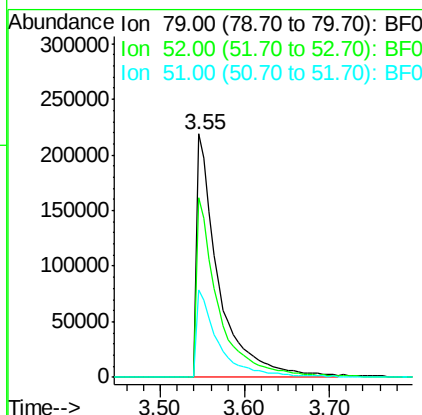
Acq: 27 Sep 2017 18:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.6	59.8	89.6
51	35.7	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#4

n-Nitrosodimethylamine

Concen: 39.887 ng

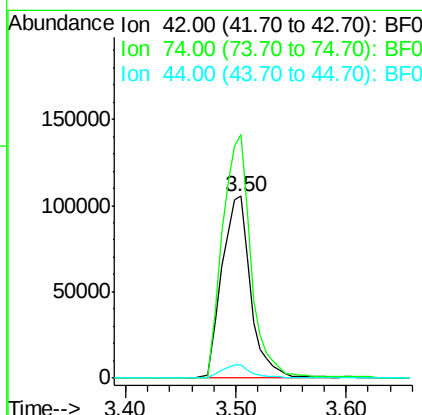
RT: 3.50 min Scan# 241

Delta R.T. 0.02 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.0	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 84.243 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

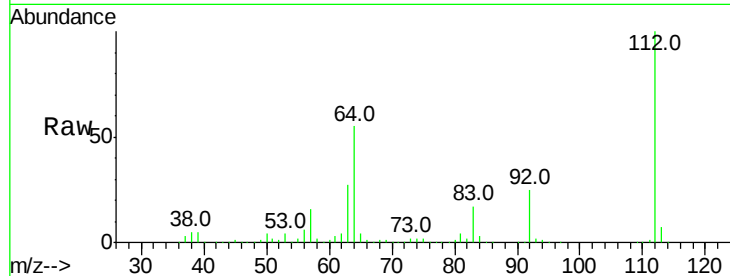
ClientSampleId :

PB102662BS

Tot Ion:	112	Resp:	740120
Ion Ratio	Lower	Upper	
112	100		
64	55.3	47.9	71.9
63	27.4	23.7	35.5

Manual Integrations
APPROVED

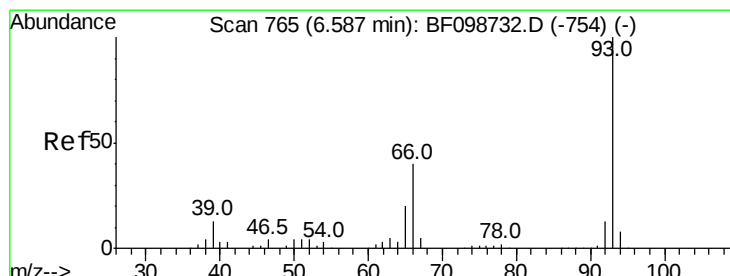
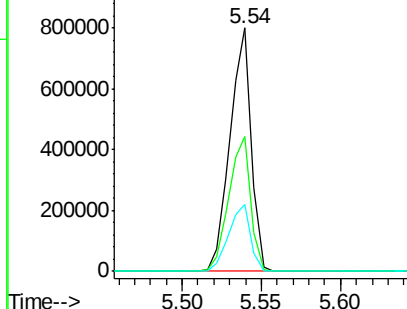
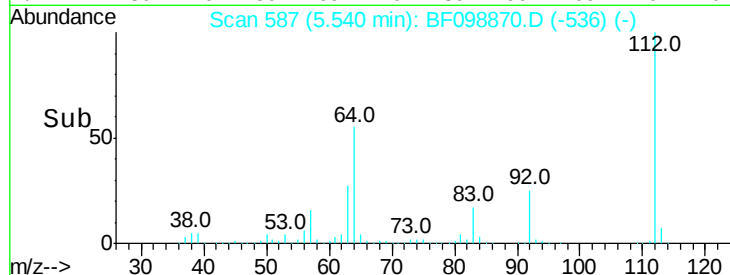
Sohil
9/28/2017 2:32:19 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.311 ng

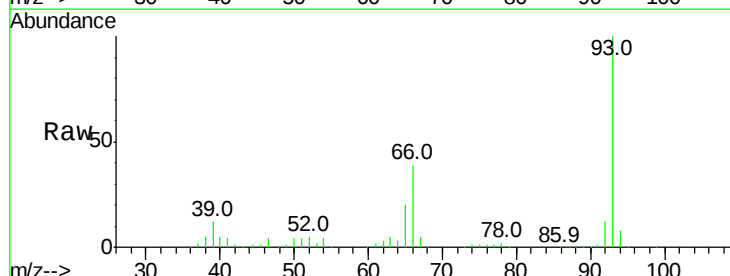
RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

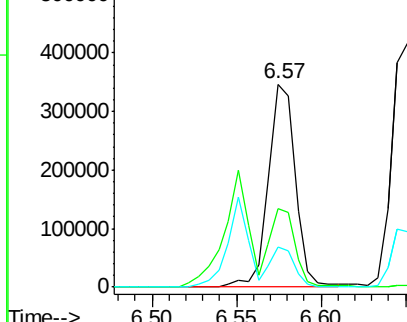
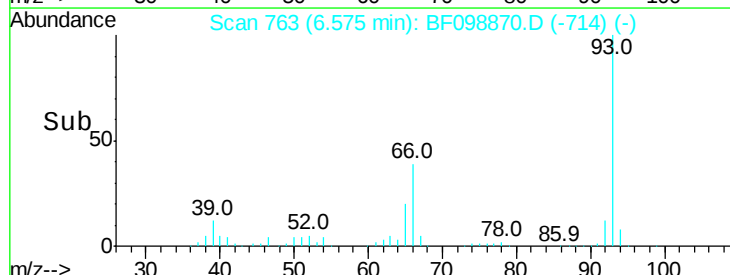
Tgt Ion:	93	Resp:	384866
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.2	48.2
65	19.8	16.4	24.6

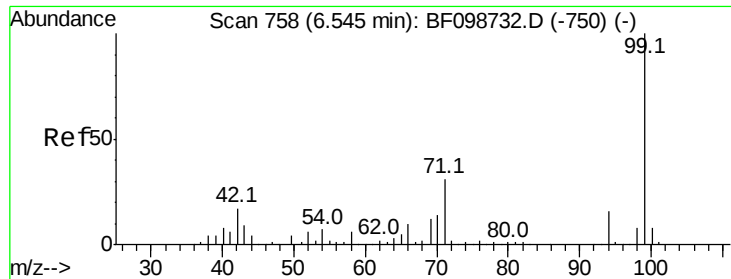


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.371 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

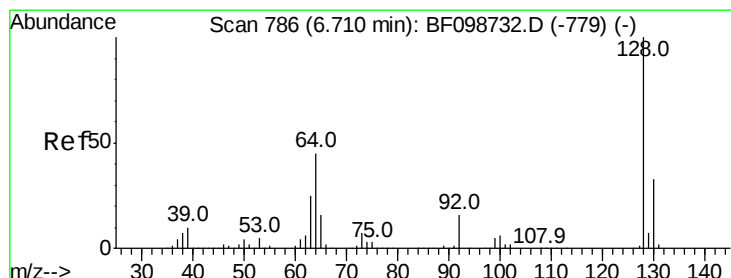
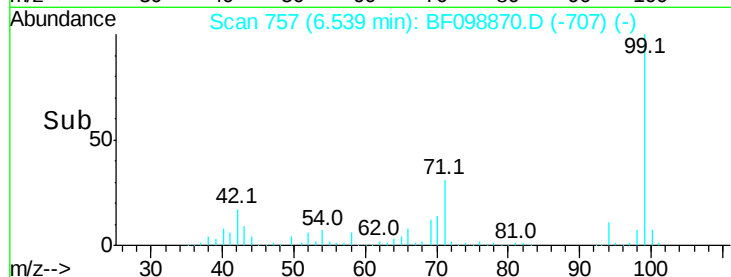
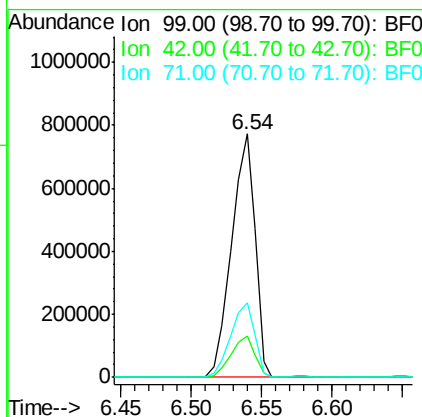
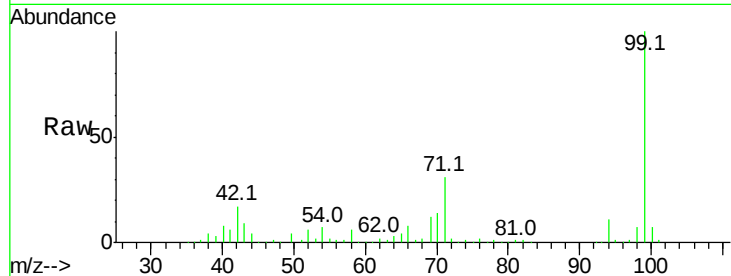
ClientSampled :

PB102662BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		892728		
42	16.8	14.5	21.7		
71	30.8	25.4	38.0		

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#8

2-Chlorophenol

Concen: 38.580 ng

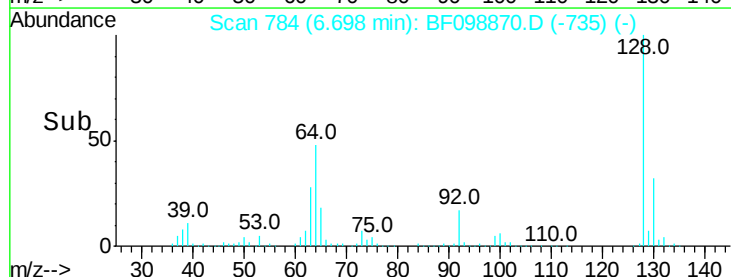
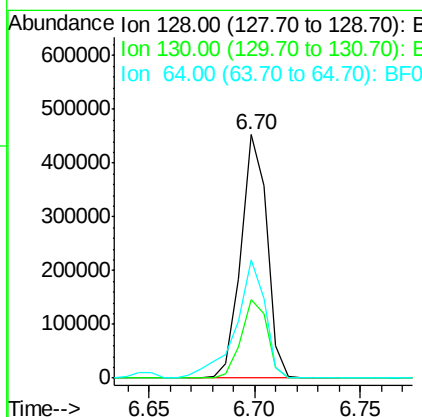
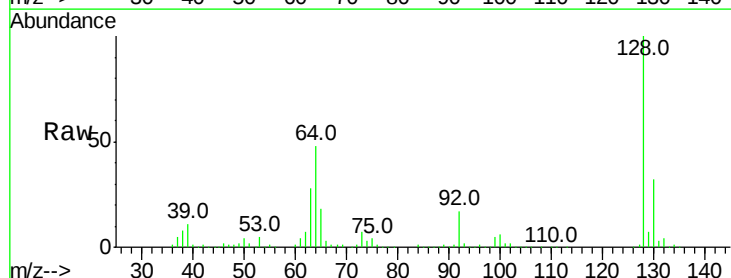
RT: 6.70 min Scan# 784

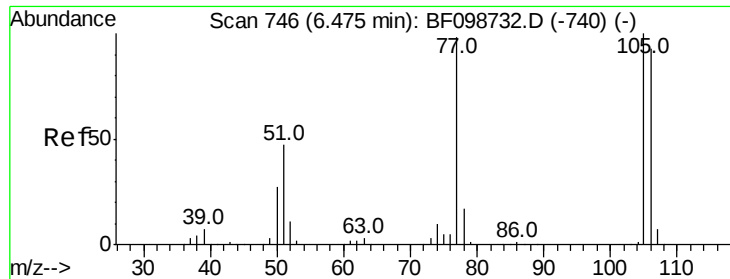
Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		383839		
130	32.4	13.0	53.0		
64	48.4	29.4	69.4		





#9

Benzaldehyde

Concen: 13.646 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

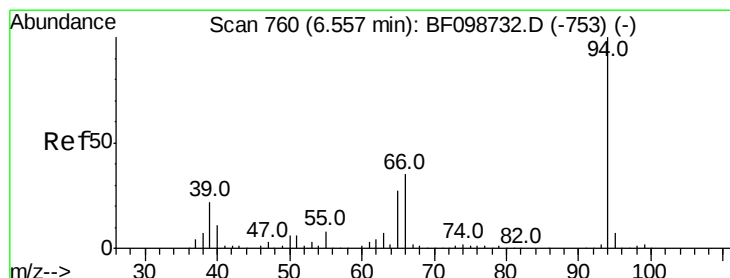
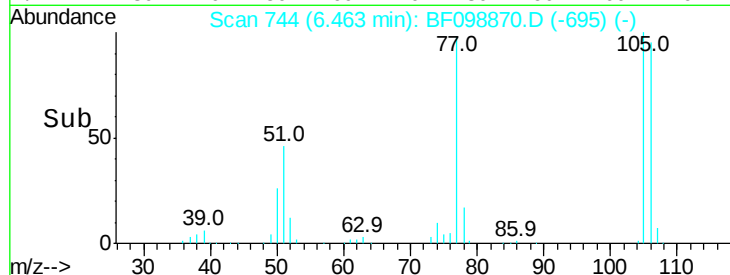
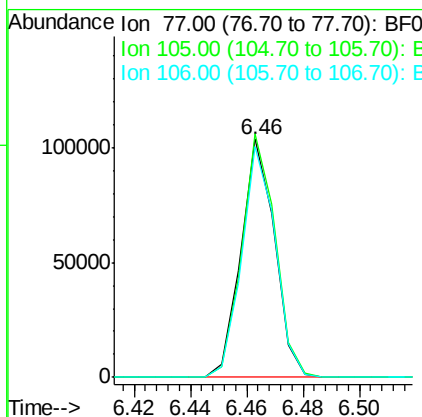
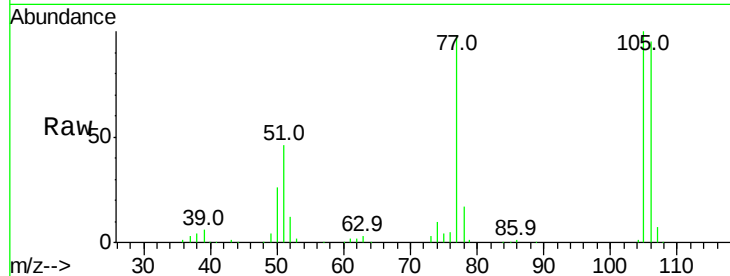
ClientSampled :

PB102662BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	96.5	74.5	114.5

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#10

Phenol

Concen: 38.596 ng

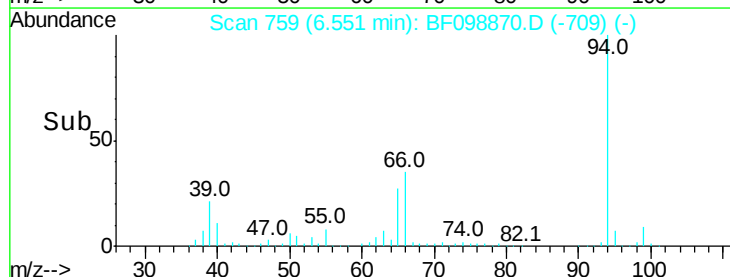
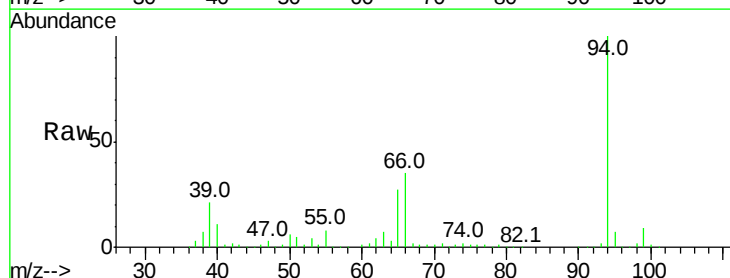
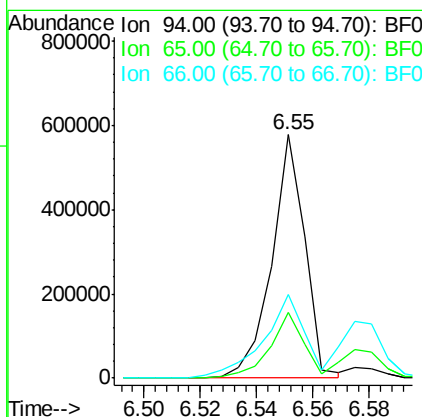
RT: 6.55 min Scan# 759

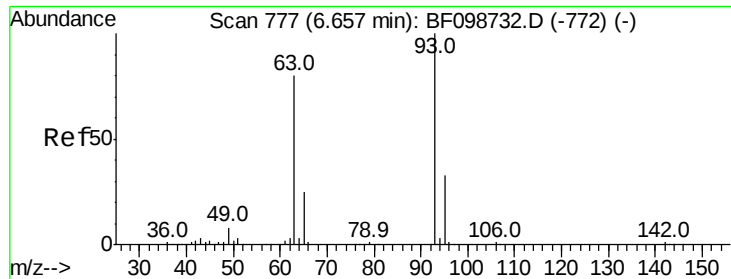
Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	34.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.183 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

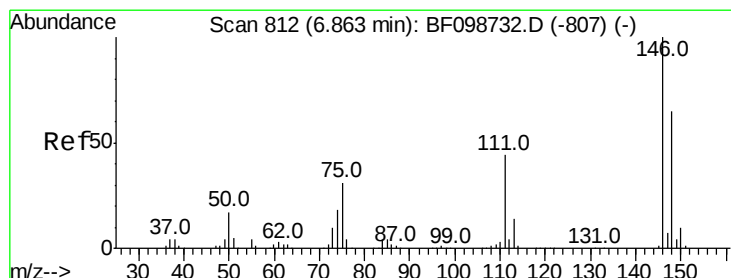
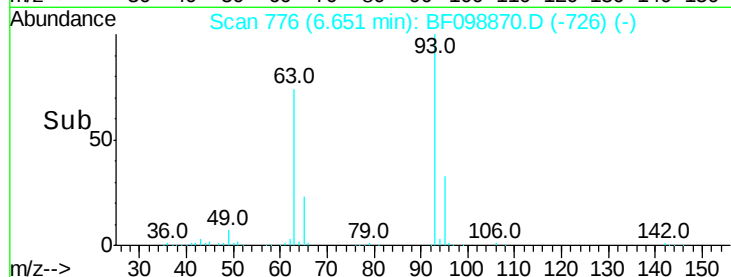
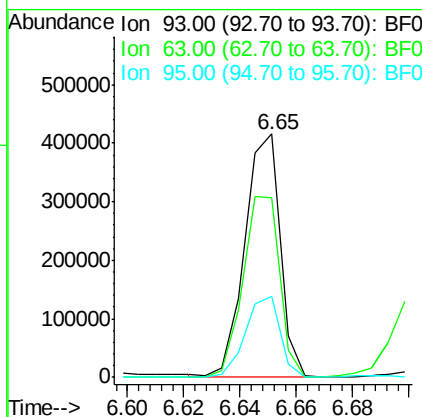
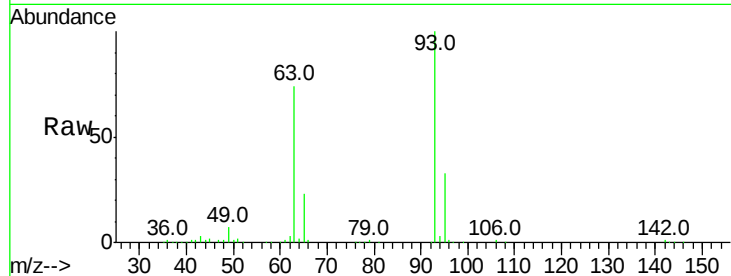
ClientSampleId :

PB102662BS

Tot Ion:	93	Resp:	359792
Ion Ratio	Lower	Upper	
93	100		
63	73.7	58.6	98.6
95	33.4	11.8	51.8

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#12

1,3-Dichlorobenzene

Concen: 38.074 ng

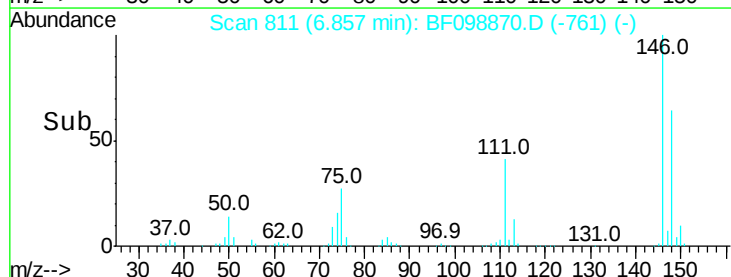
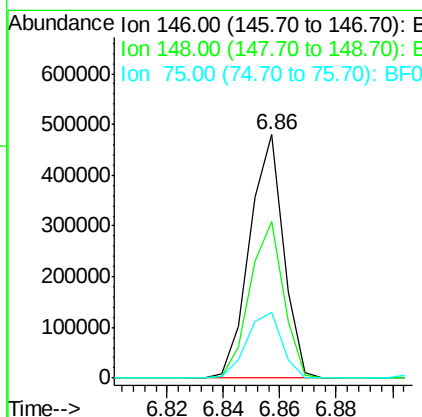
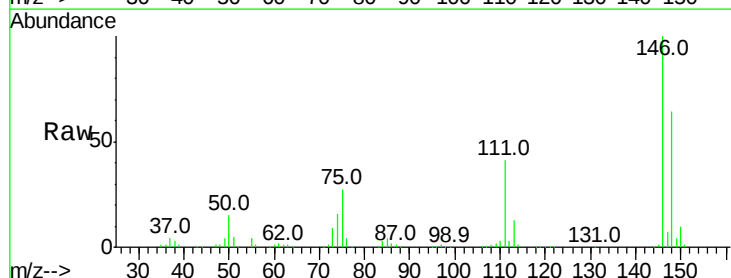
RT: 6.86 min Scan# 811

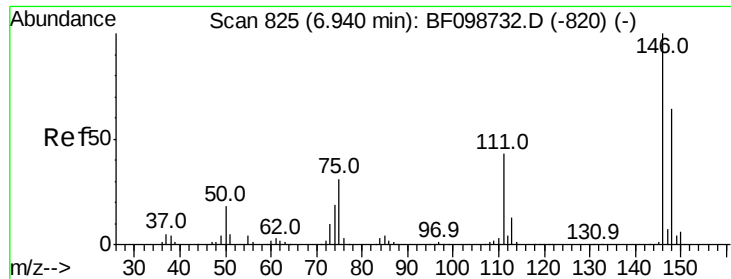
Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	146	Resp:	396720
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	27.2	24.2	36.4





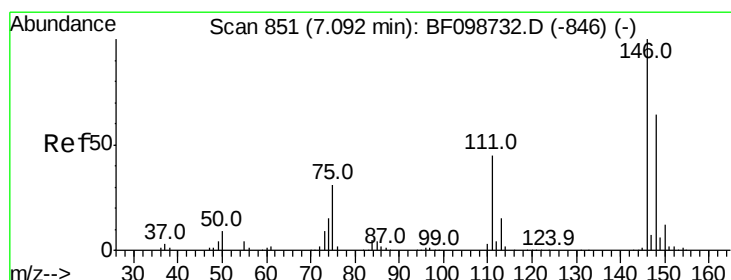
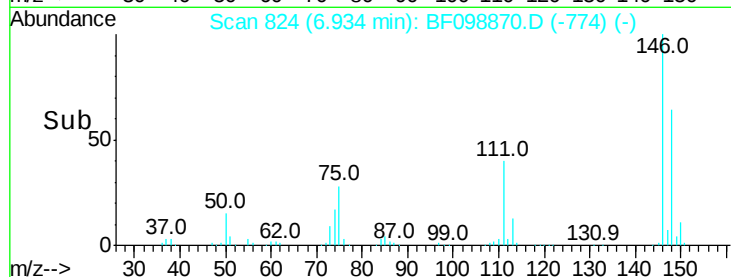
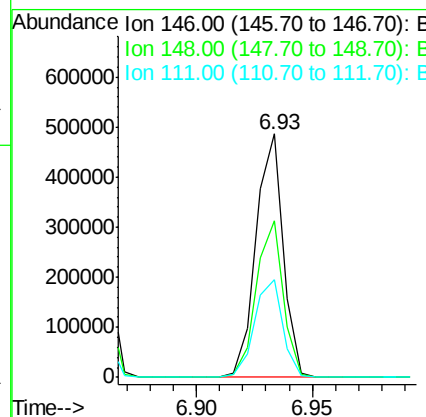
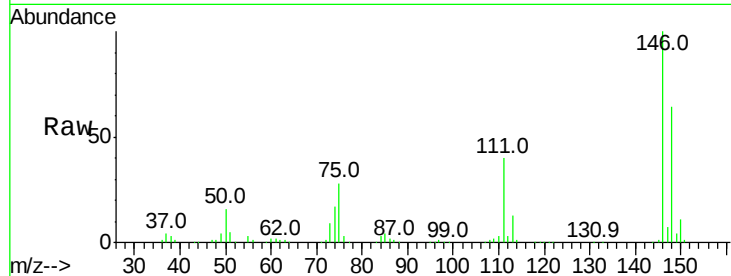
#13
 1,4-Dichlorobenzene
 Concen: 37.811 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.9	34.2	51.2

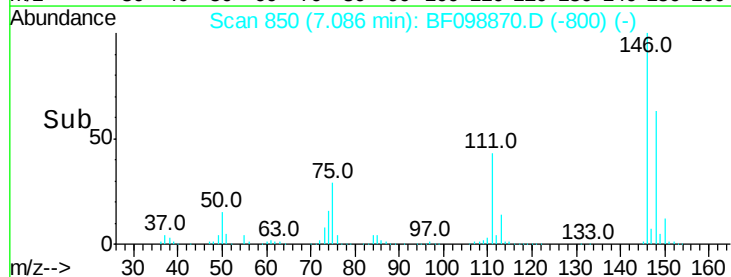
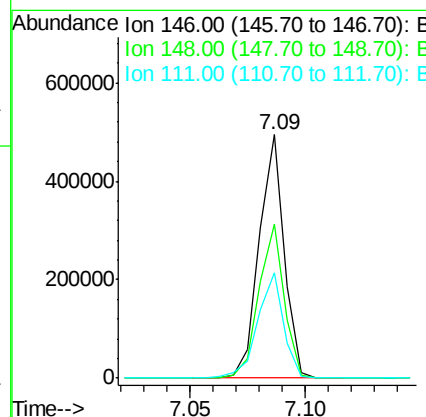
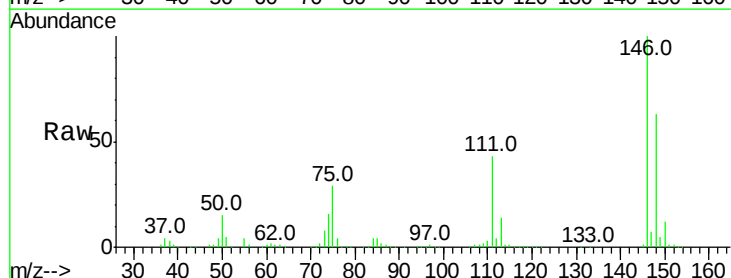
Manual Integrations
 APPROVED

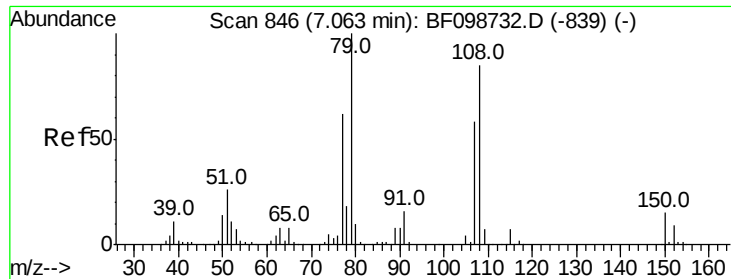
Sohil
 9/28/2017 2:32:19 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.255 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	43.5	36.0	54.0





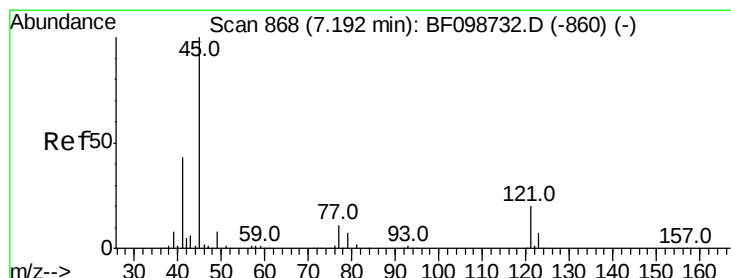
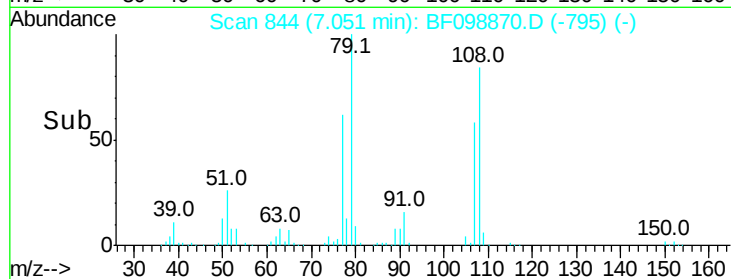
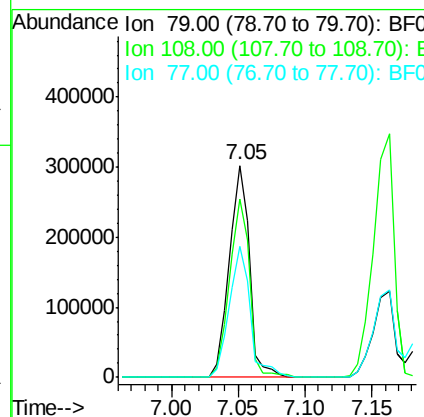
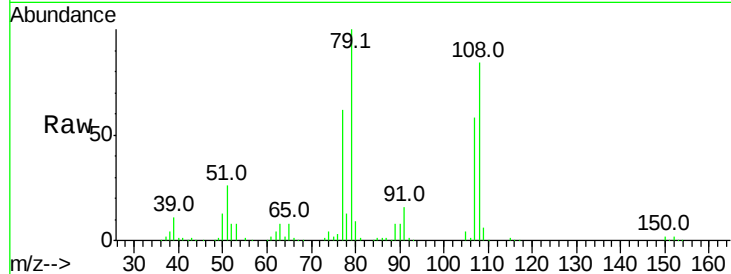
#15
Benzyl Alcohol
Concen: 40.765 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.8	65.1	97.7	
77	61.9	50.6	75.8	

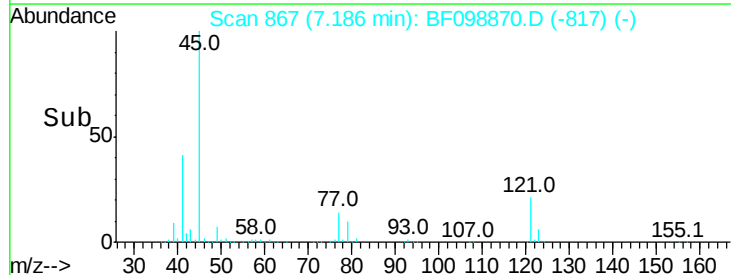
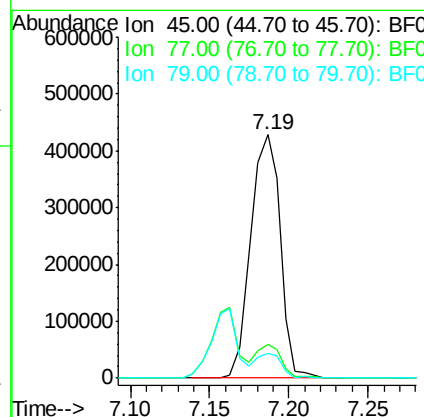
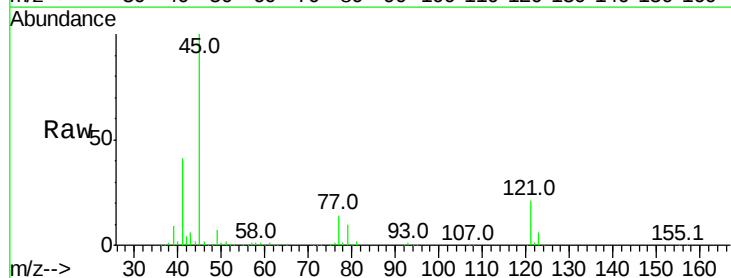
Manual Integrations
APPROVED

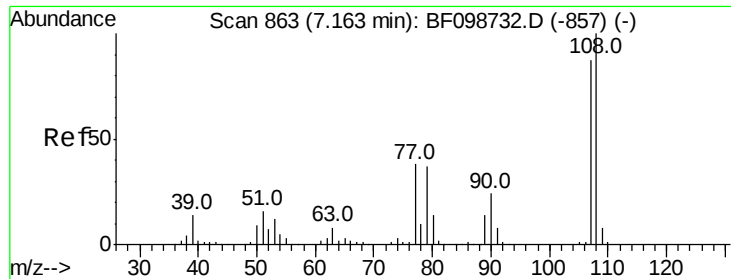
Sohil
9/28/2017 2:32:19 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.662 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.8	0.0	32.9	
79	10.3	0.0	29.6	





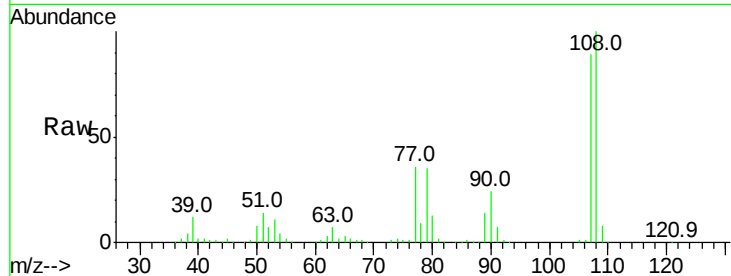
#17
2-Methylphenol
Concen: 40.006 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

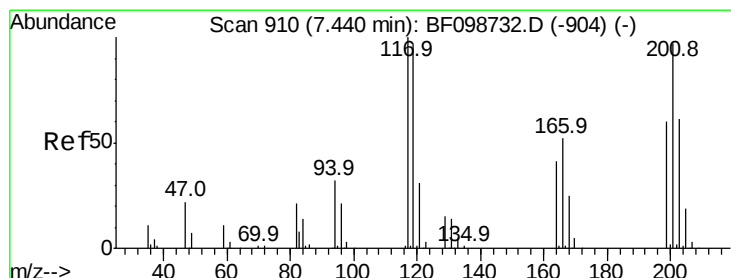
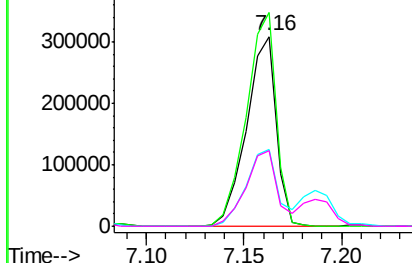
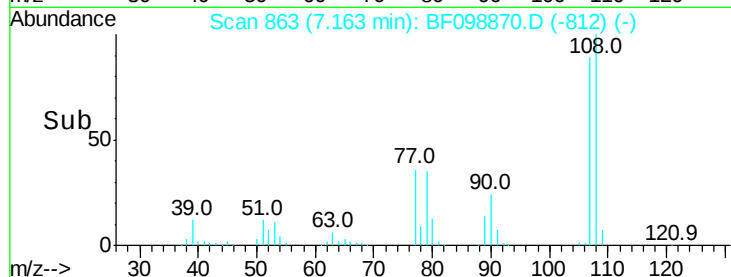
Tot Ion	107	Resp	325677
Ion Ratio	Lower	Upper	
107	100		
108	112.5	91.7	137.5
77	40.2	33.8	50.8
79	39.6	33.8	50.8

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM

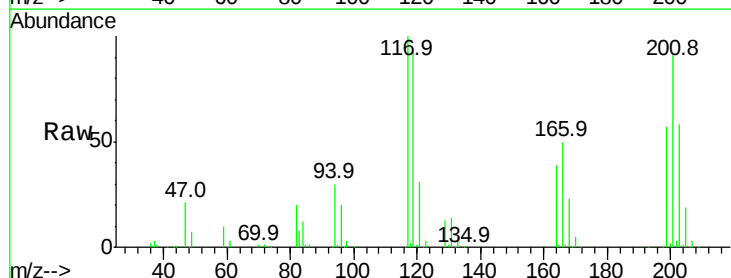


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

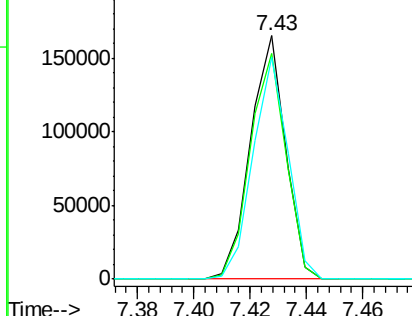
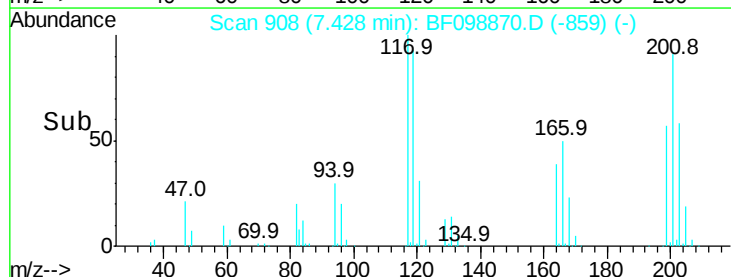


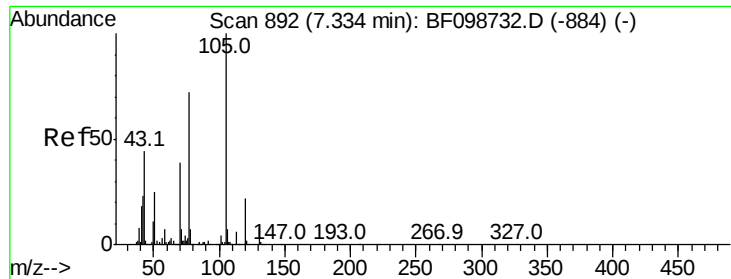
#18
Hexachloroethane
Concen: 37.270 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	117	Resp	142017
Ion Ratio	Lower	Upper	
117	100		
119	92.7	75.8	113.8
201	90.9	75.7	113.5



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





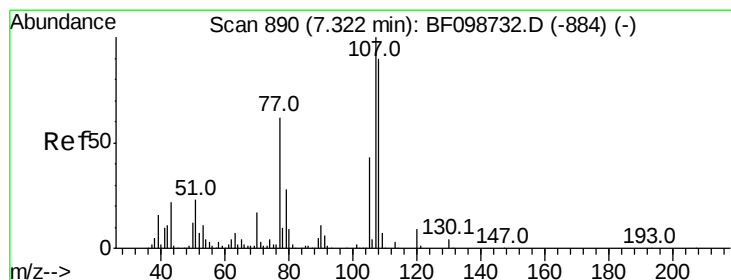
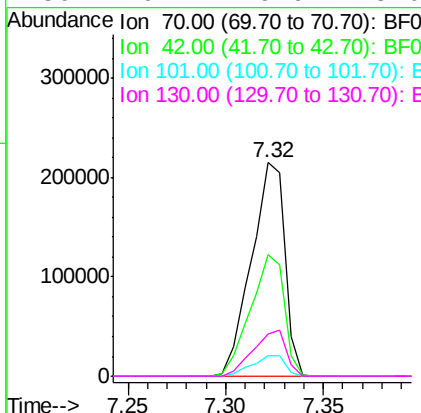
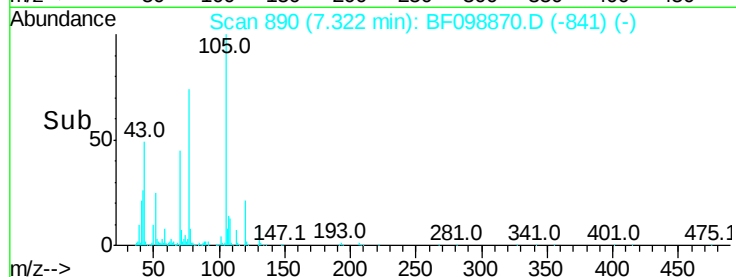
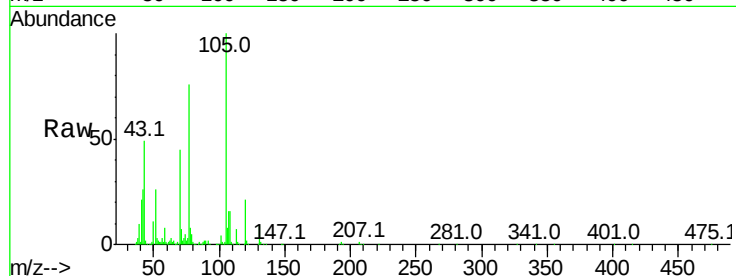
#19
n-Nitroso-di-n-propylamine
Concen: 36.939 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	70	Resp	255599
Ion Ratio	Lower	Upper	
70	100		
42	57.1	47.5	71.3
101	9.8	7.4	11.2
130	20.1	16.6	25.0

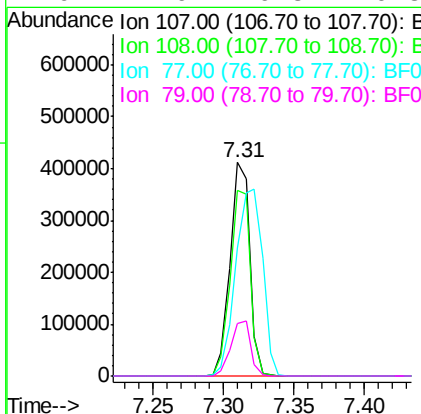
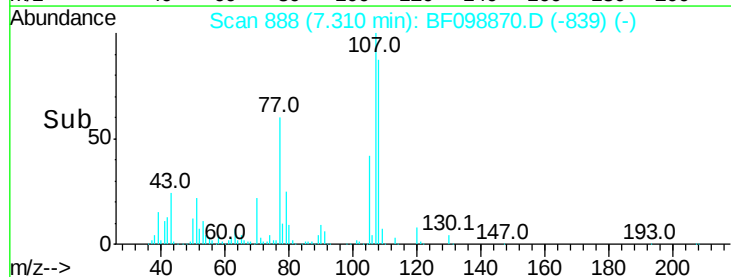
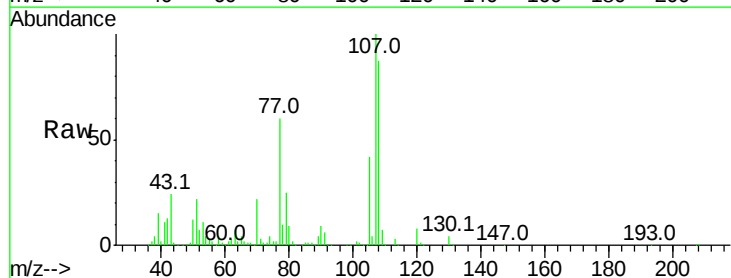
Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#20
3+4-Methylphenols
Concen: 38.990 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	107	Resp	401548
Ion Ratio	Lower	Upper	
107	100		
108	86.7	68.2	108.2
77	59.7	26.7	66.7
79	24.6	6.3	46.3





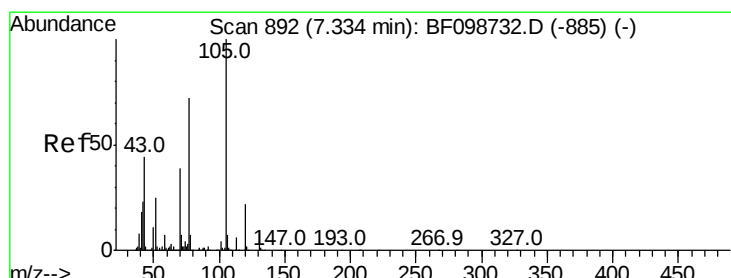
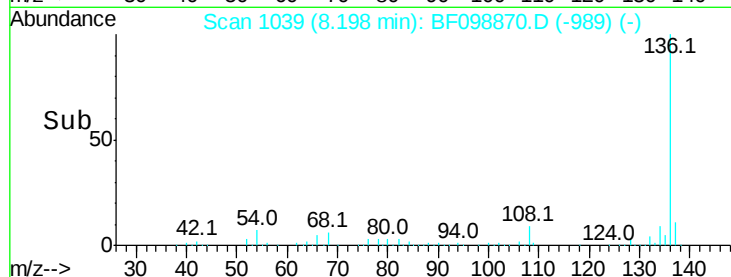
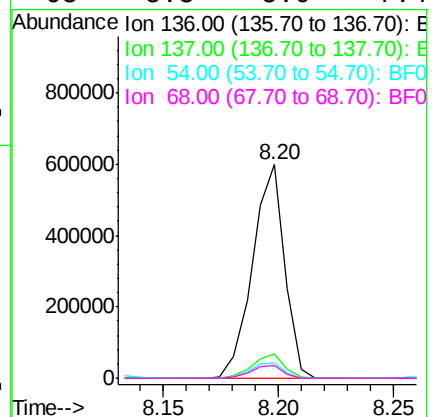
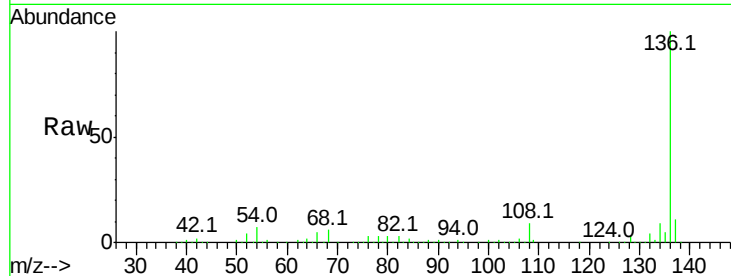
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.4	6.6	9.8	
68	5.8	5.0	7.4	

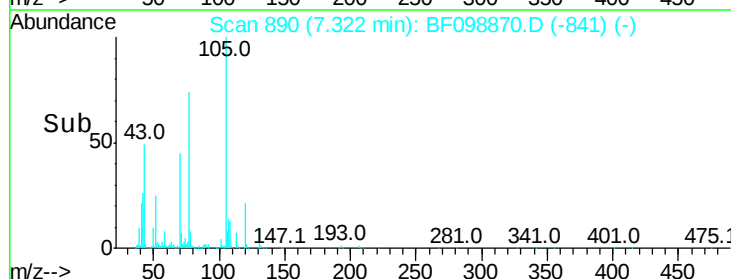
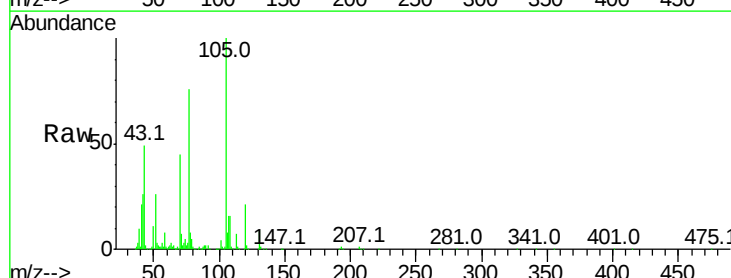
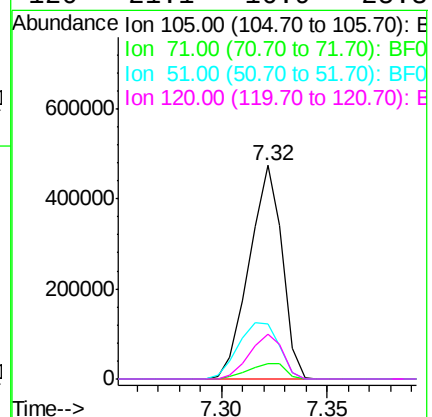
Manual Integrations
APPROVED

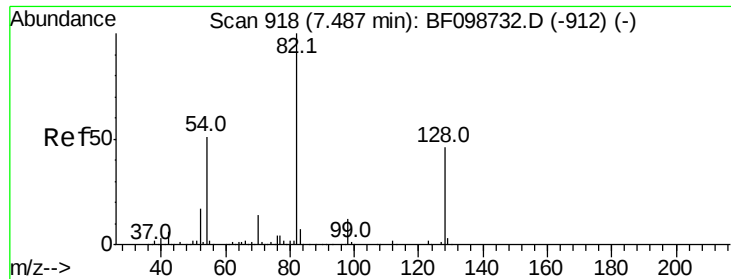
Sohil
9/28/2017 2:32:19 PM



#22
Acetophenone
Concen: 36.428 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	4.4	6.6#	
51	26.0	22.3	33.5	
120	21.1	16.9	25.3	





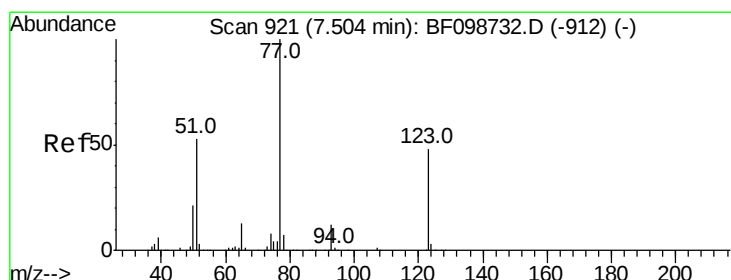
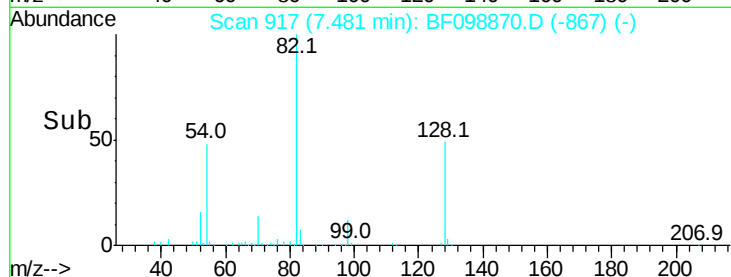
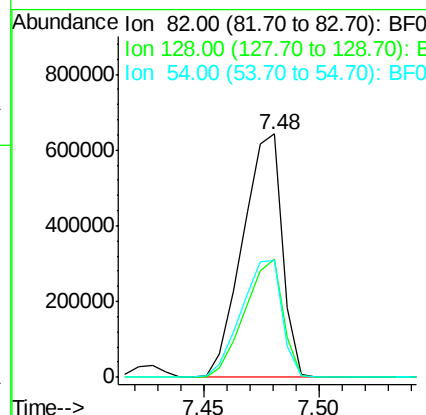
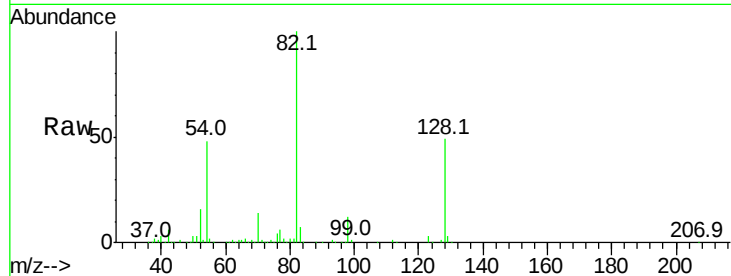
#23
Nitrobenzene-d5
Concen: 85.198 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampled :
PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	36.1	54.1	
54	48.2	41.4	62.2	

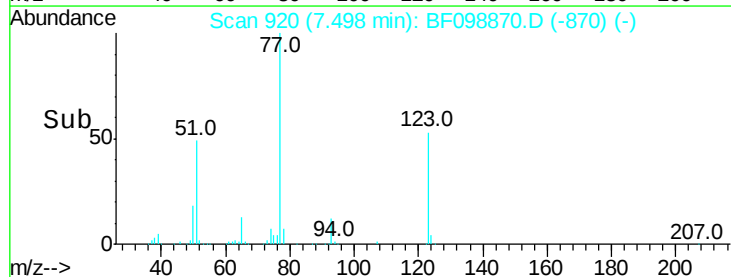
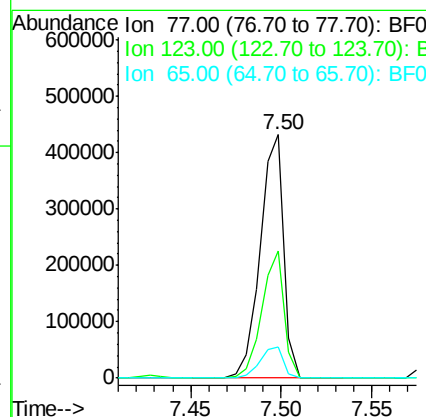
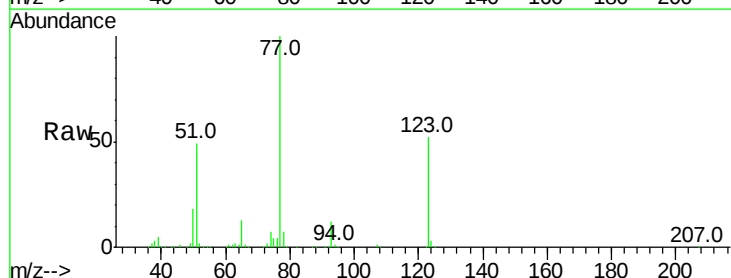
Manual Integrations
APPROVED

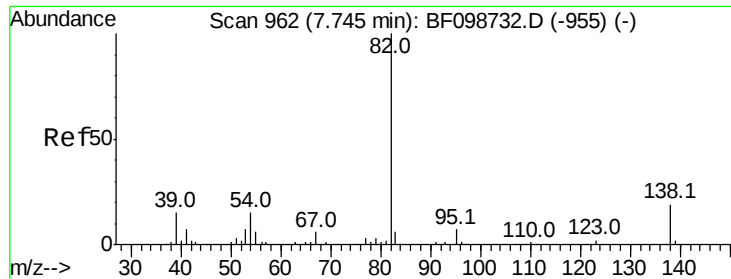
Sohil
9/28/2017 2:32:19 PM



#24
Nitrobenzene
Concen: 37.806 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	52.3	37.9	56.9	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 37.959 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

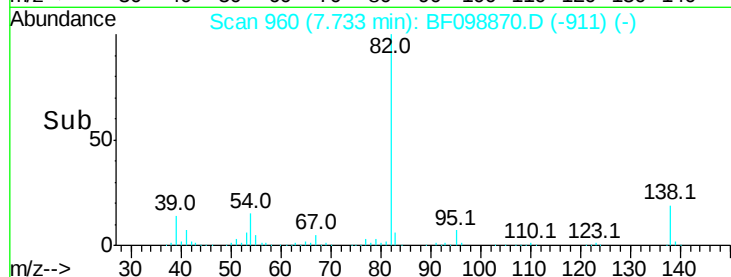
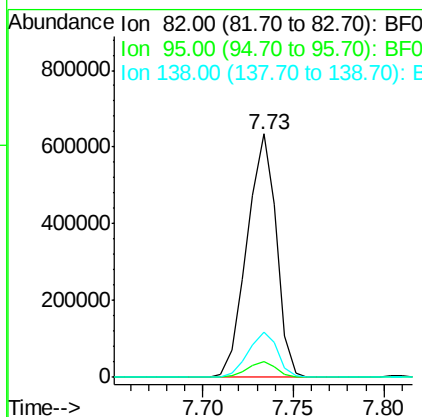
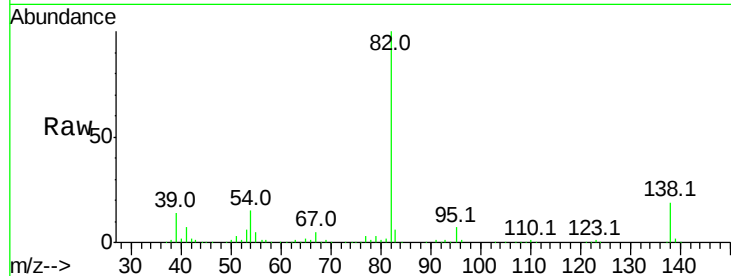
ClientSampleId :

PB102662BS

Tot Ion:	82	Resp:	710878
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#26

2-Nitrophenol

Concen: 42.305 ng

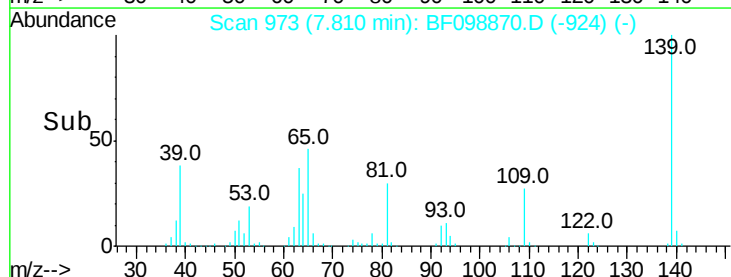
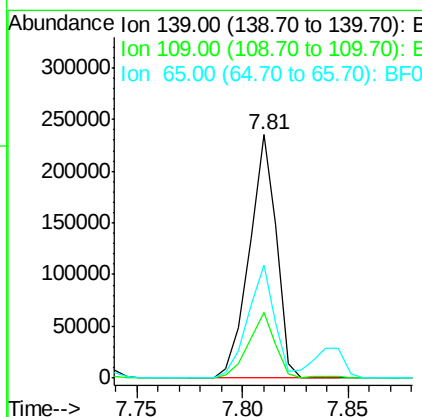
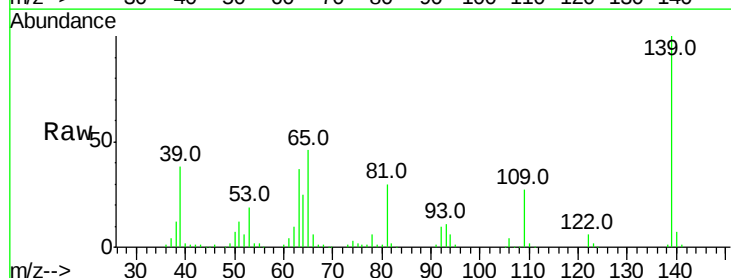
RT: 7.81 min Scan# 973

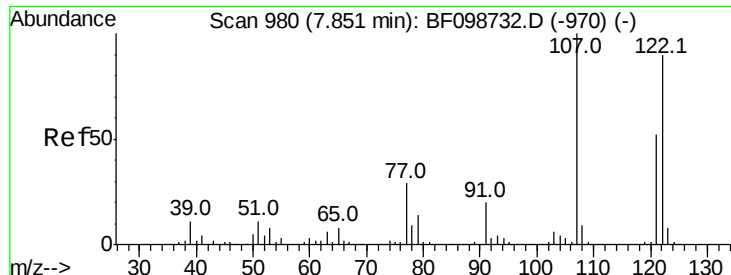
Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	139	Resp:	209031
Ion Ratio	Lower	Upper	
139	100		
109	26.8	22.7	34.1
65	46.3	40.5	60.7





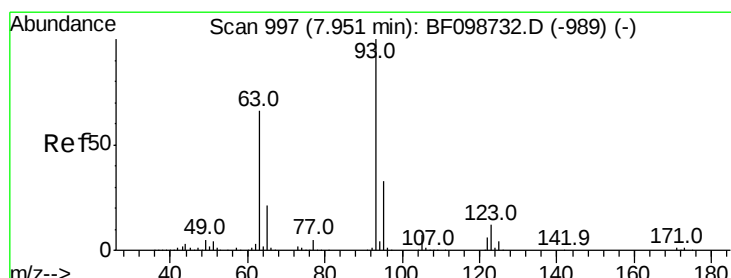
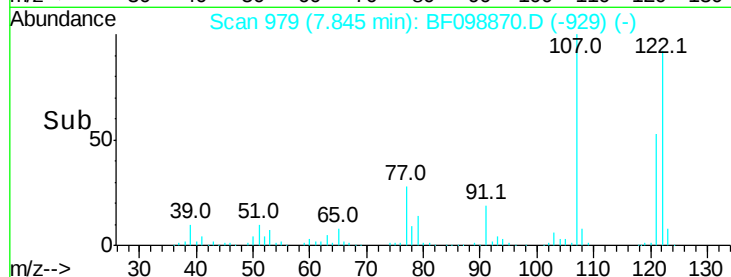
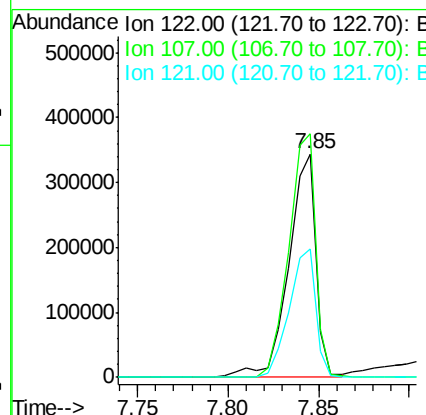
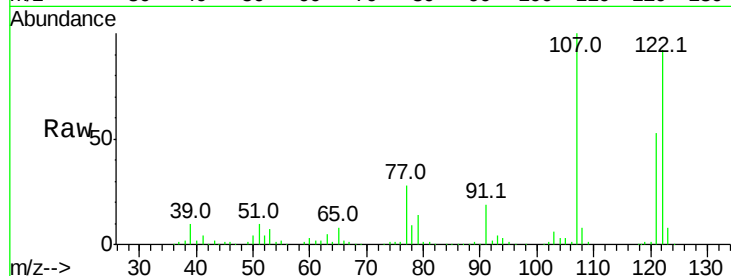
#27
 2,4-Dimethylphenol
 Concen: 38.855 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	91.2	136.8
121	57.3	47.2	70.8

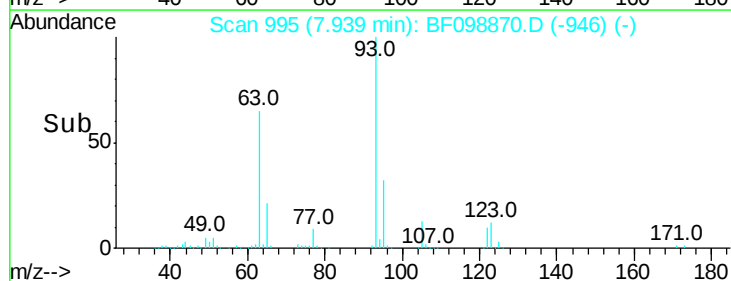
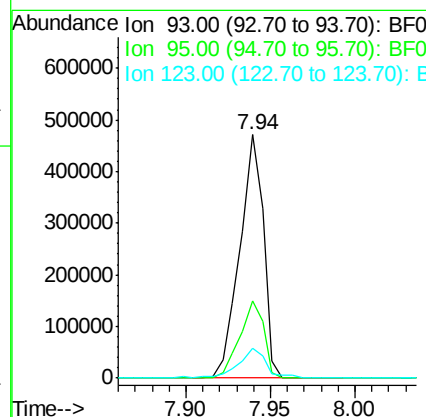
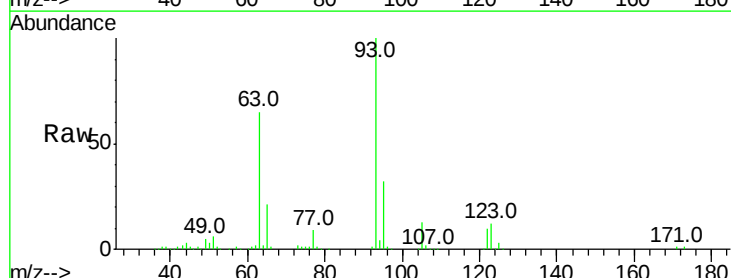
Manual Integrations
 APPROVED

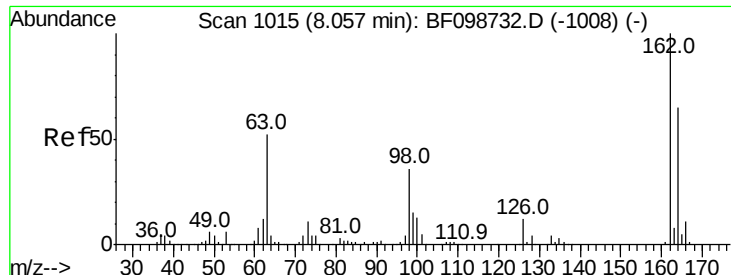
Sohil
 9/28/2017 2:32:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.305 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	12.2	9.8	14.6





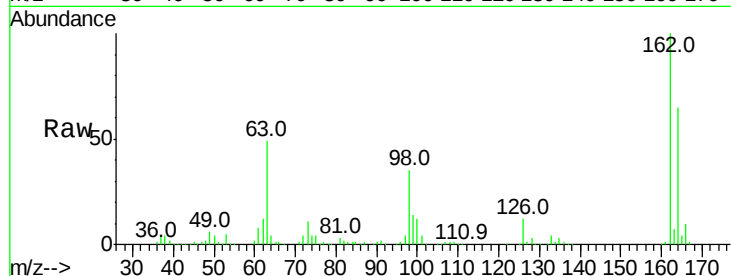
#29
2,4-Dichlorophenol
Concen: 40.115 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

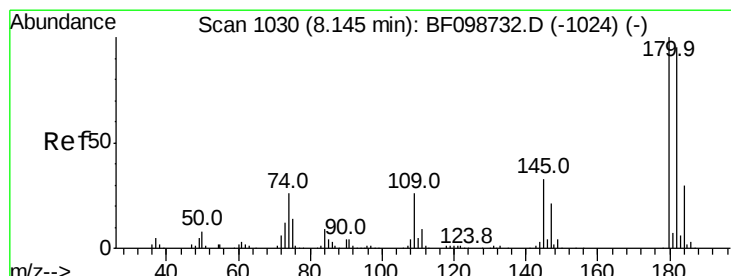
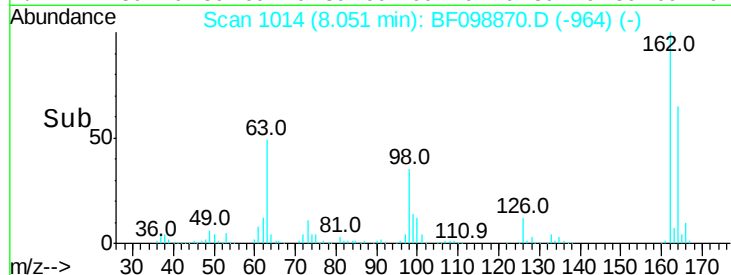
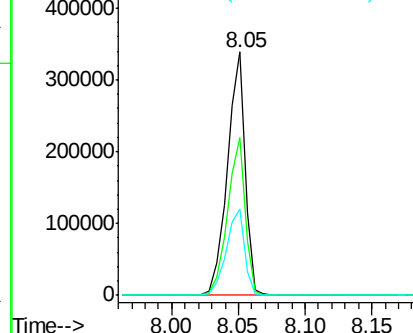
Tot Ion	Ratio	Resp	Lower	Upper
162	100	321383		
164	64.6	42.7	82.7	
98	35.3	18.1	58.1	

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



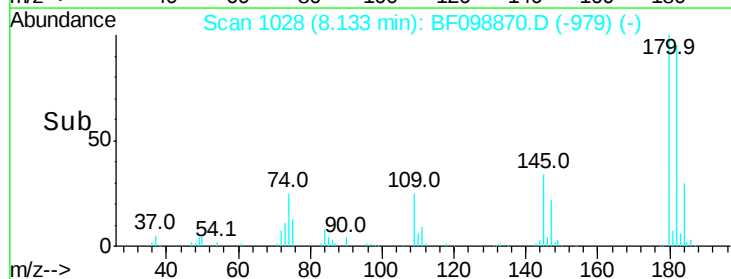
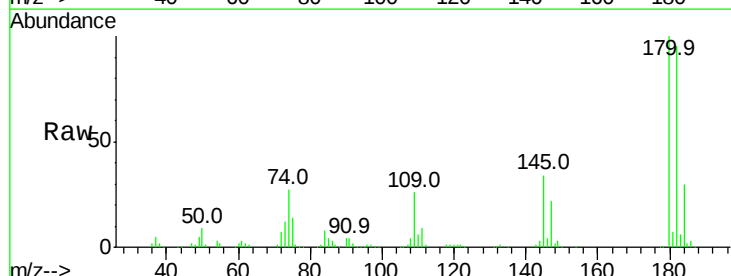
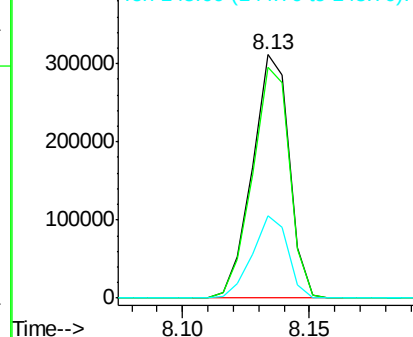
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

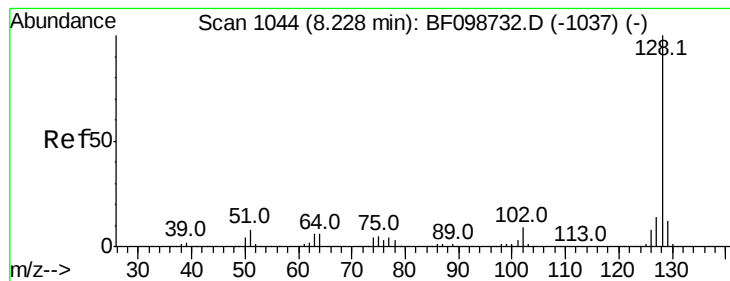


#30
1,2,4-Trichlorobenzene
Concen: 39.375 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	315505		
182	95.0	76.8	115.2	
145	33.8	26.5	39.7	

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





#31

Naphthalene

Concen: 39.270 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

PB102662BS

Tot Ion:128 Resp: 1071375

Ion Ratio Lower Upper

128 100

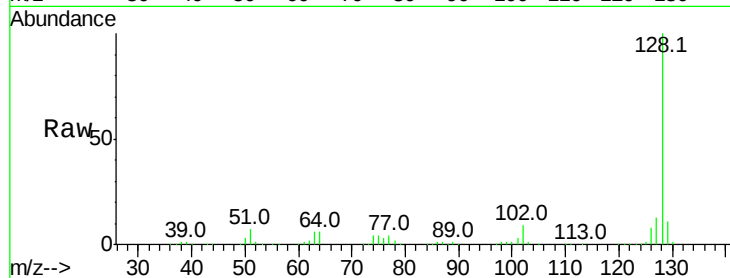
129 11.0 8.8 13.2

127 13.2 10.9 16.3

Manual Integrations
APPROVED

Sohil

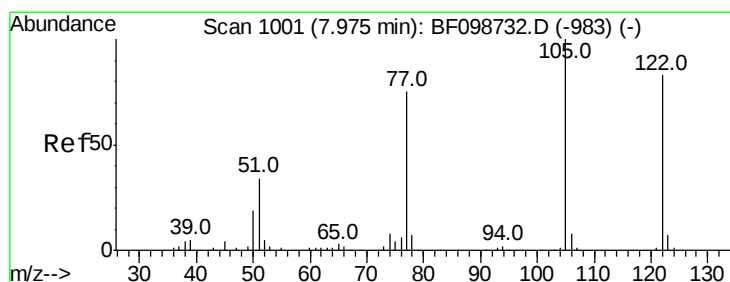
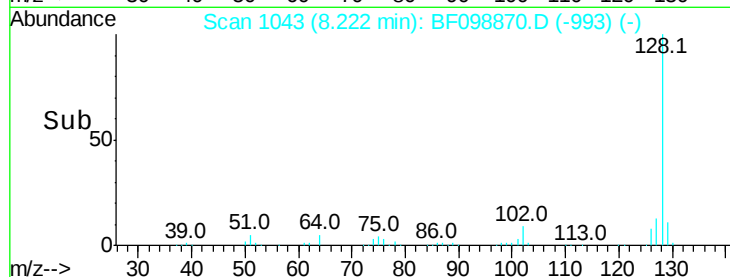
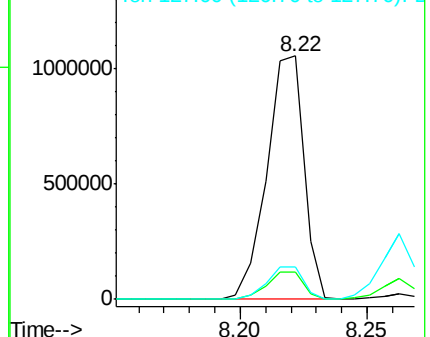
9/28/2017 2:32:19 PM



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: 28.202 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

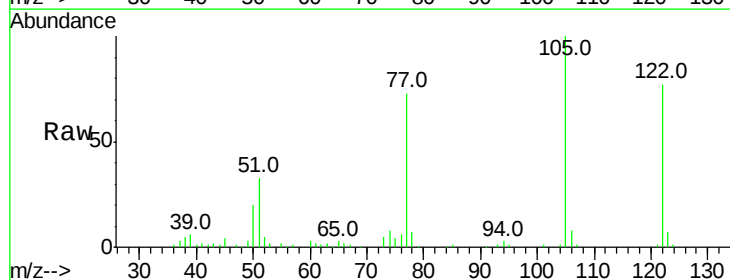
Tgt Ion:122 Resp: 216167

Ion Ratio Lower Upper

122 100

105 129.3 101.1 141.1

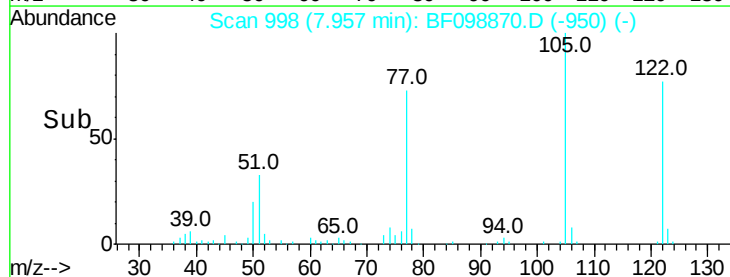
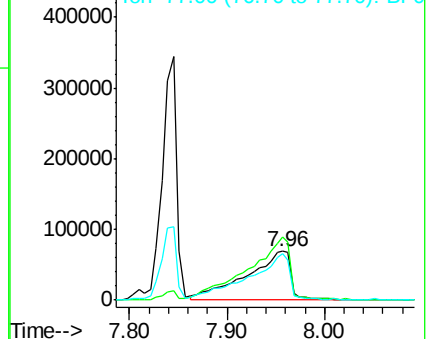
77 94.8 70.7 110.7



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





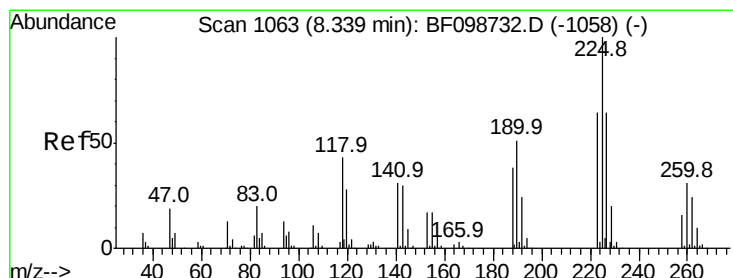
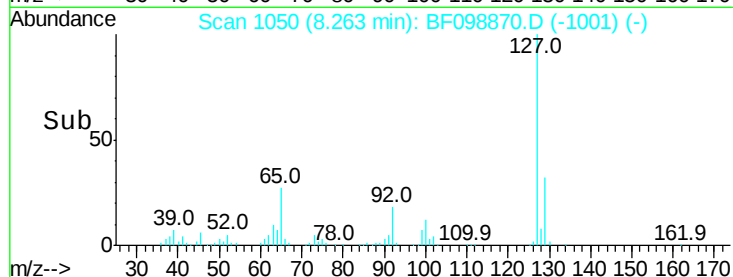
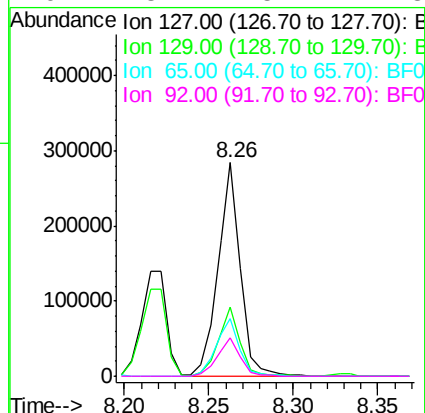
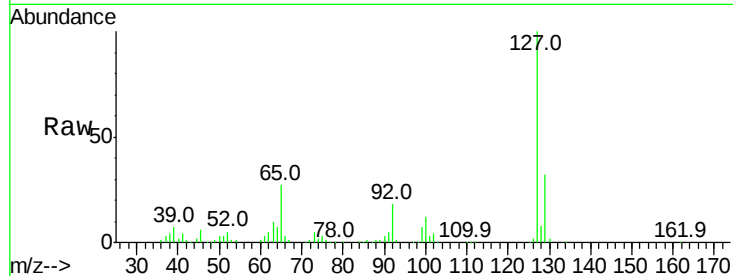
#33
 4-Chloroaniline
 Concen: 23.049 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	27.3	25.0	37.4	
92	18.1	15.2	22.8	

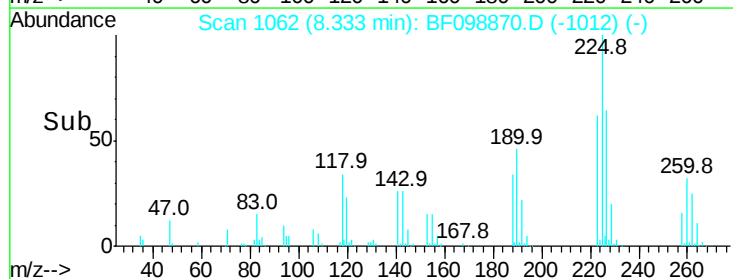
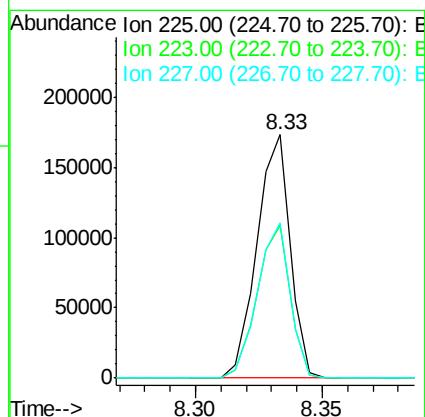
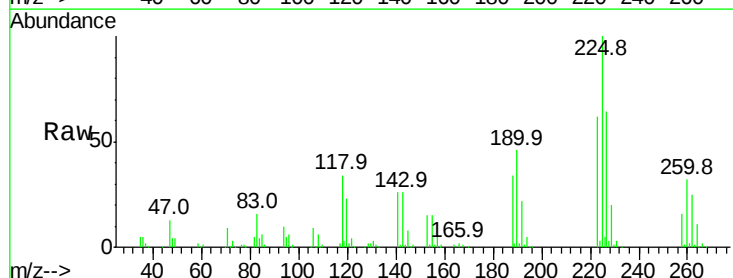
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM



#34
 Hexachlorobutadiene
 Concen: 38.483 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.6	76.0	
227	63.9	51.9	77.9	





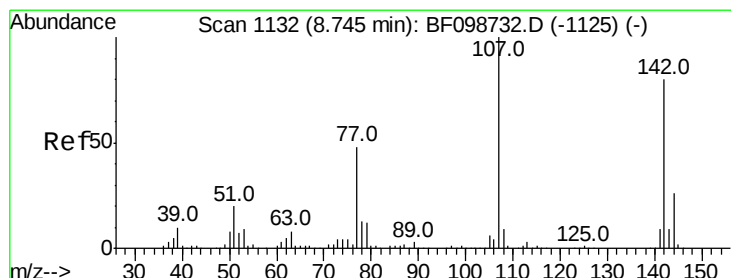
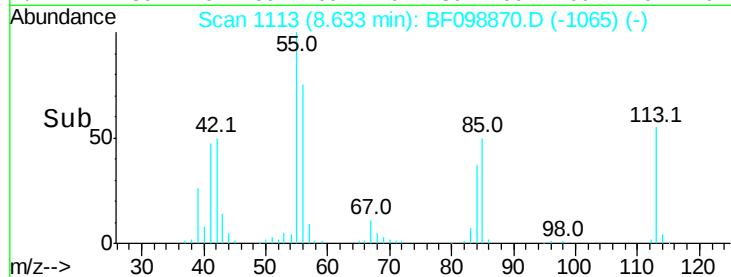
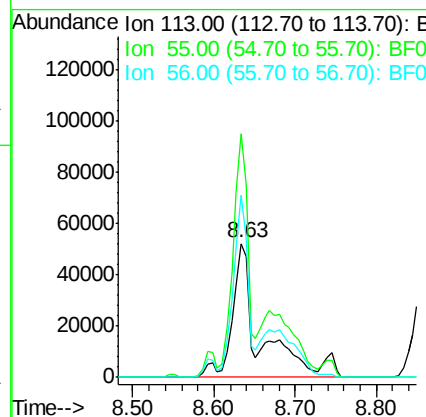
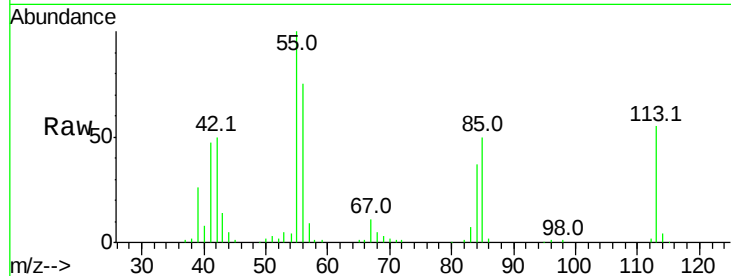
#35
Caprolactam
Concen: 47.724 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	181.6	163.3	203.3		
56	135.5	115.7	155.7		

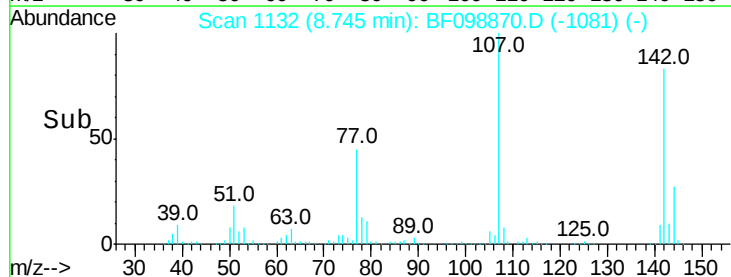
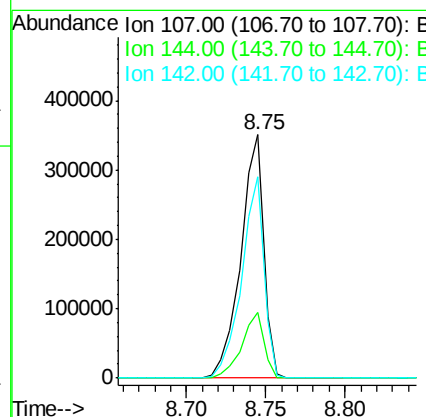
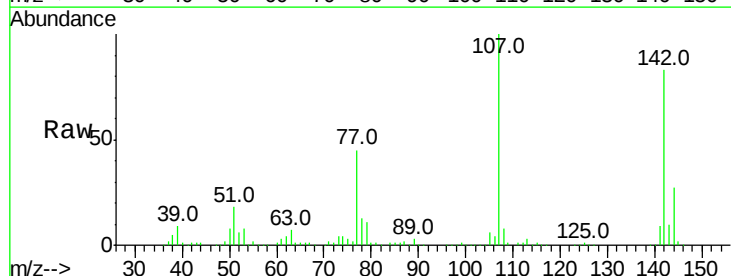
Manual Integrations
APPROVED

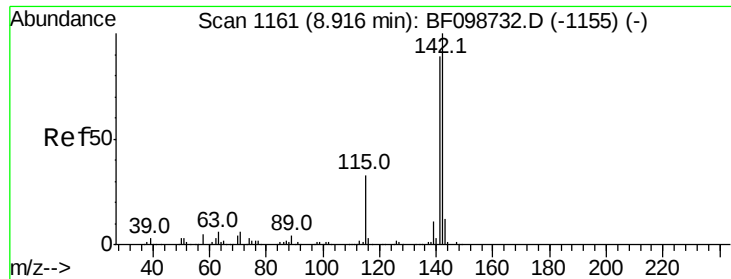
Sohil
9/28/2017 2:32:19 PM



#36
4-Chloro-3-methylphenol
Concen: 39.145 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.0	20.5	30.7		
142	82.6	62.0	93.0		





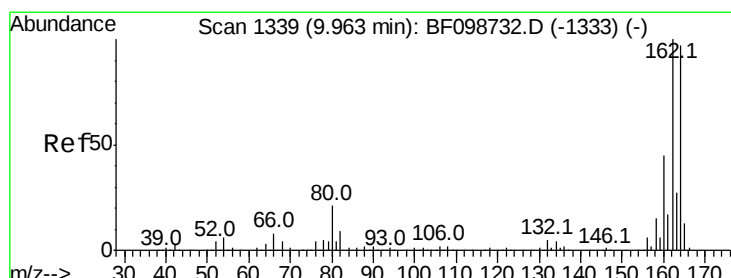
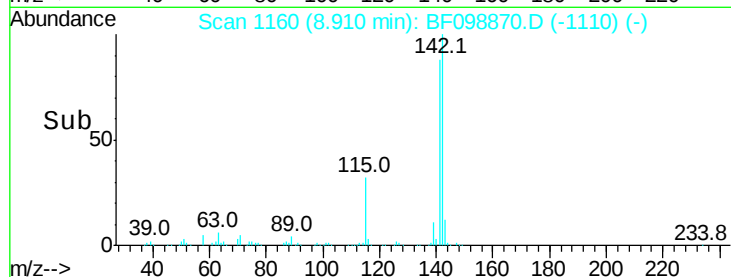
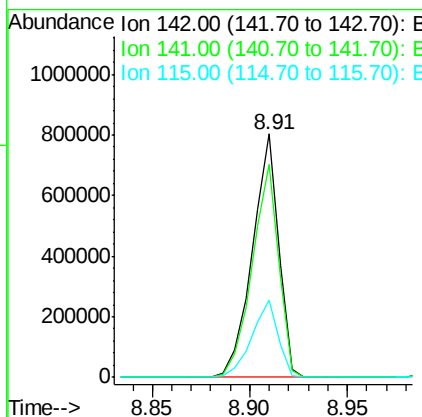
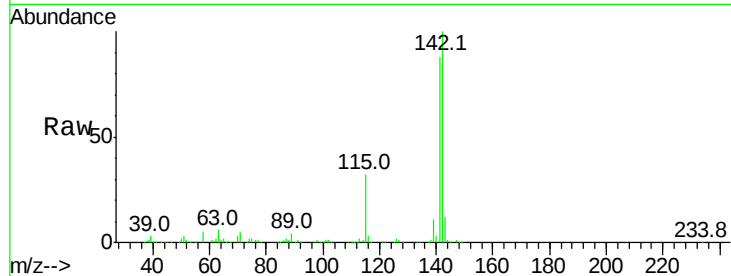
#37
2-Methylnaphthalene
Concen: 42.166 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	31.7	26.1	39.1

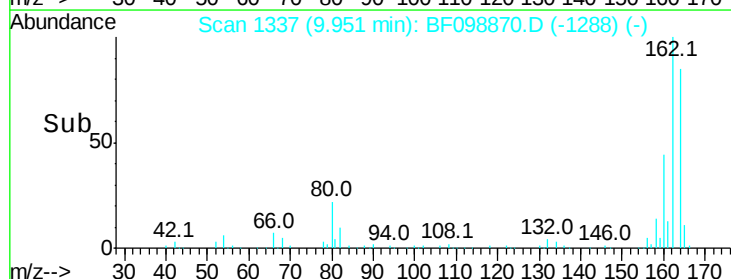
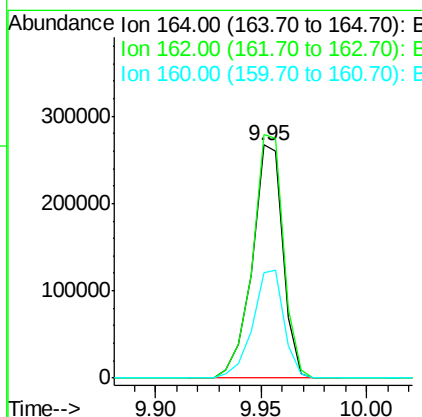
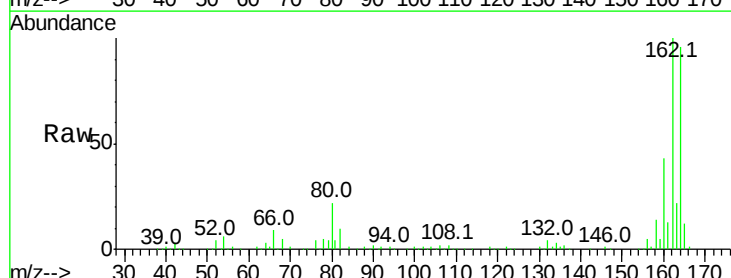
Manual Integrations
APPROVED

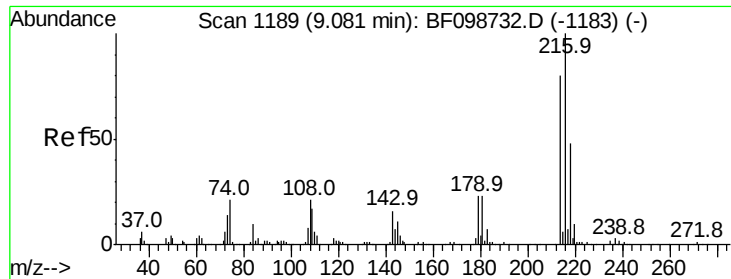
Sohil
9/28/2017 2:32:19 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.1	38.3	57.5





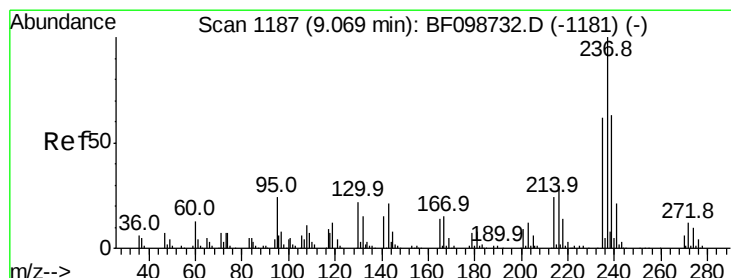
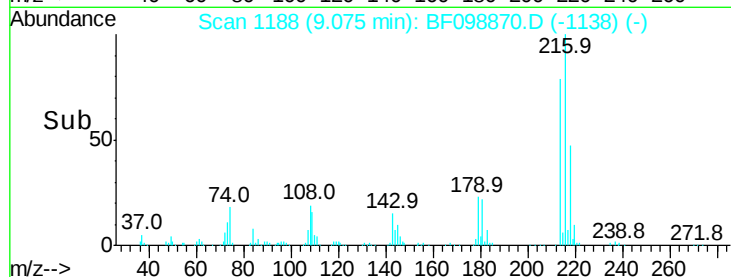
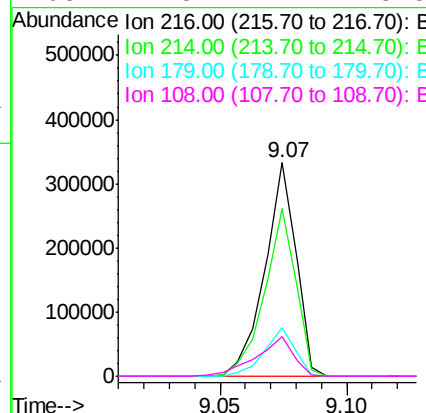
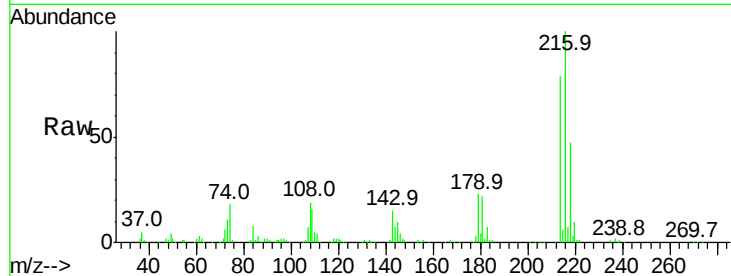
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.601 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.8	18.1	27.1
108	22.3	17.2	25.8

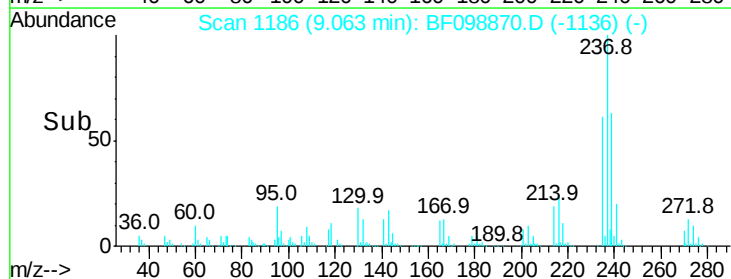
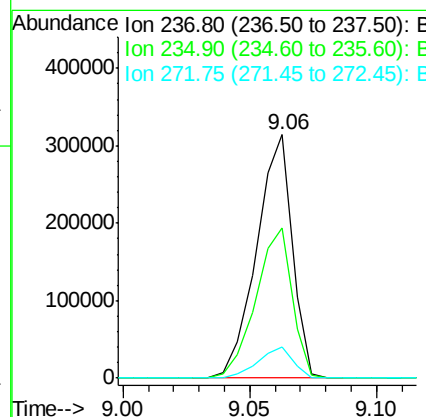
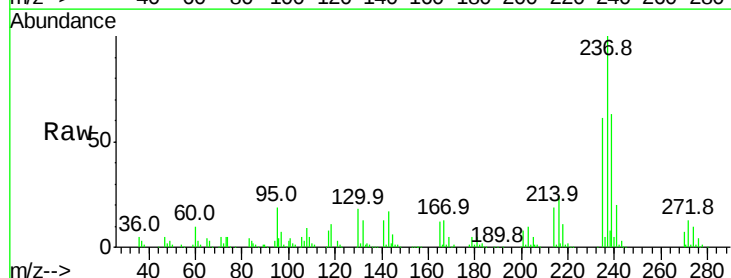
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.772 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	44.8	84.8
272	13.0	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 93.630 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

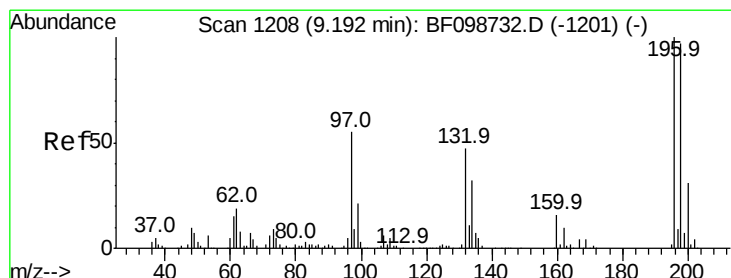
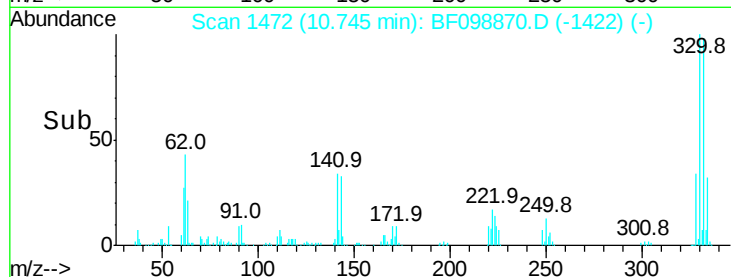
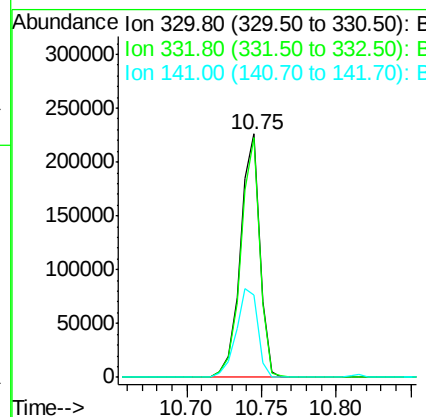
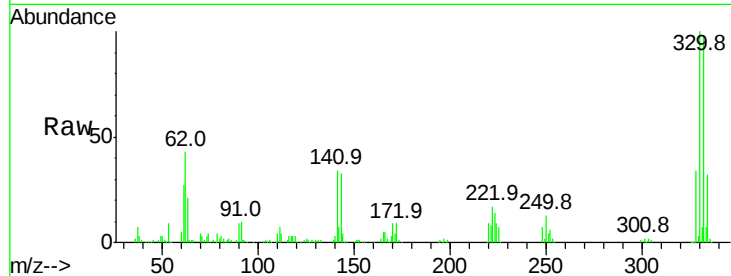
ClientSampleId :

PB102662BS

Tot Ion:	330	Resp:	207844
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	40.6	29.9	44.9

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#42

2,4,6-Trichlorophenol

Concen: 39.523 ng

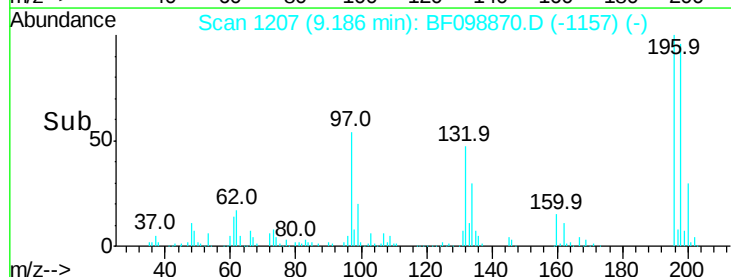
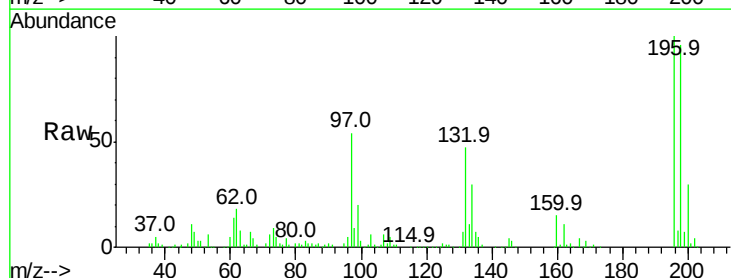
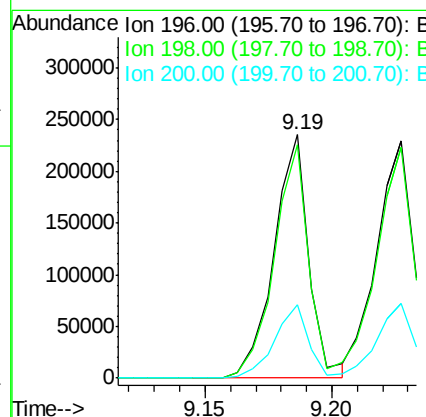
RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	196	Resp:	226528
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.7	113.5
200	29.9	24.5	36.7





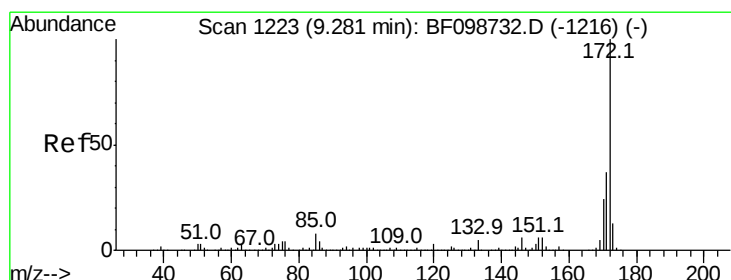
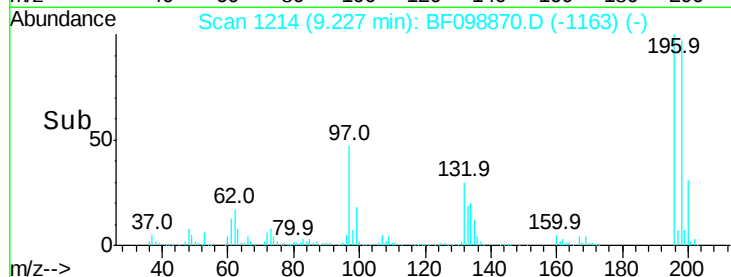
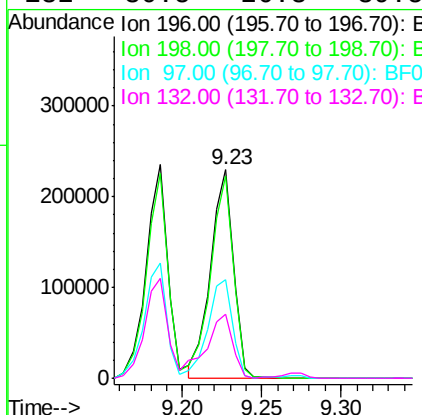
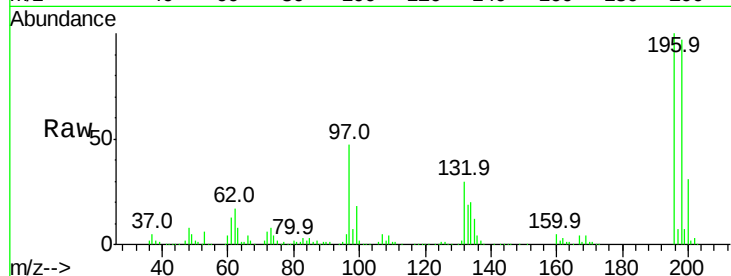
#43
 2,4,5-Trichlorophenol
 Concen: 40.599 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	196	Resp	232288
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	47.3	42.9	64.3
132	30.5	26.3	39.5

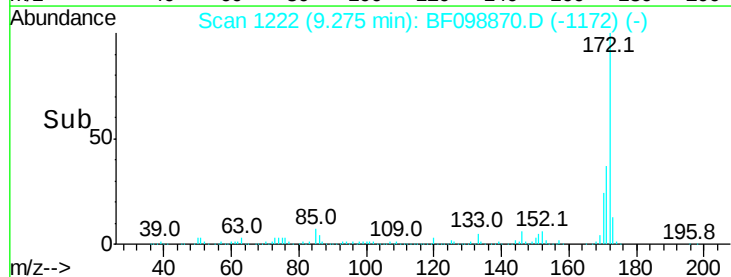
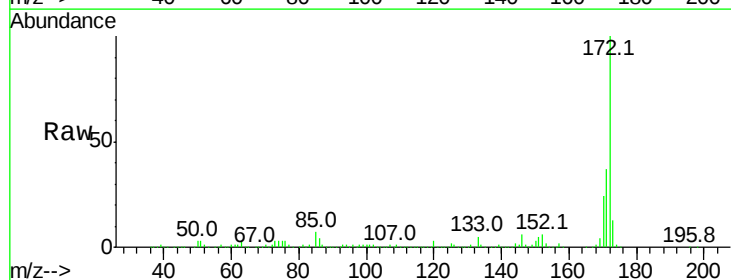
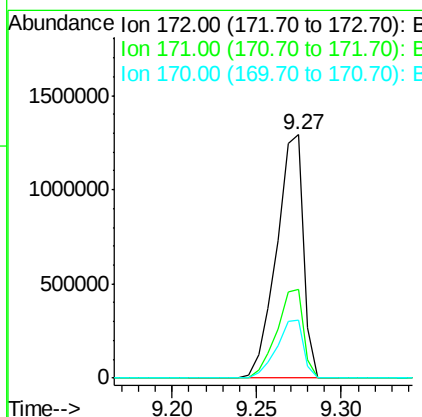
Manual Integrations
 APPROVED

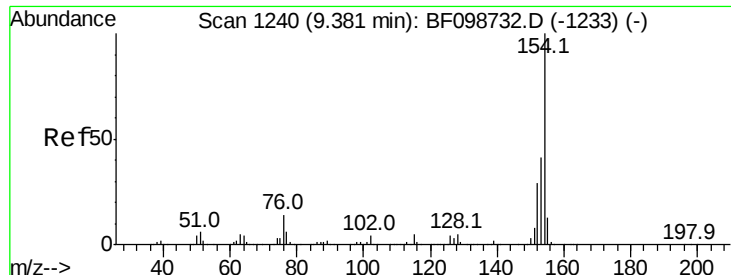
Sohil
 9/28/2017 2:32:19 PM



#44
 2-Fluorobiphenyl
 Concen: 87.948 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	172	Resp	1429174
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4





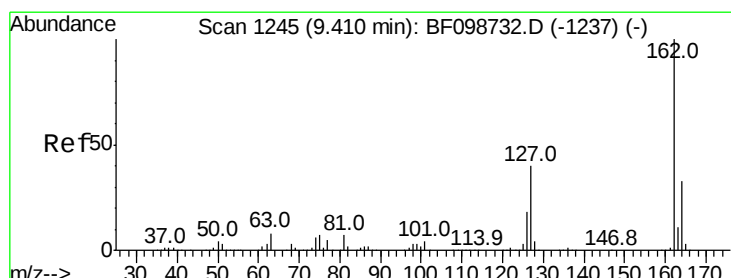
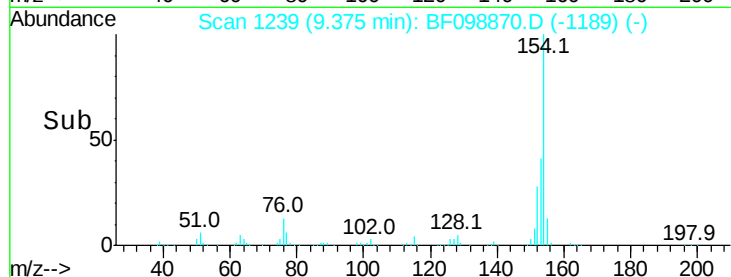
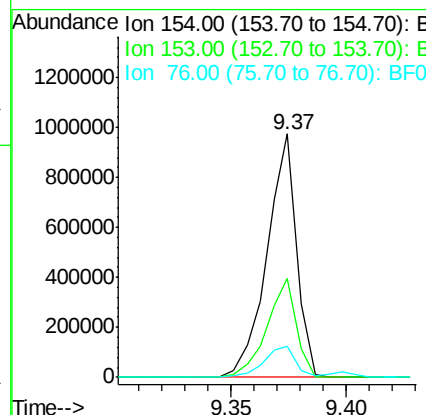
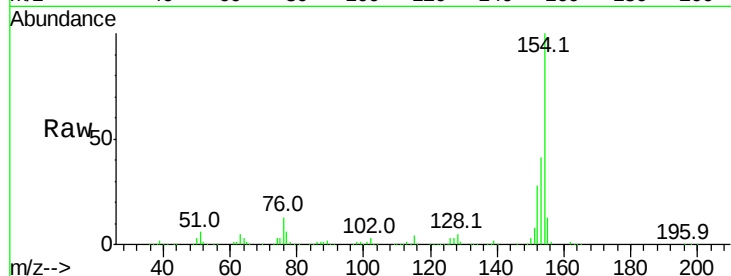
#45
 1,1'-Biphenyl
 Concen: 37.147 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.3	61.3	
76	13.0	0.0	34.0	

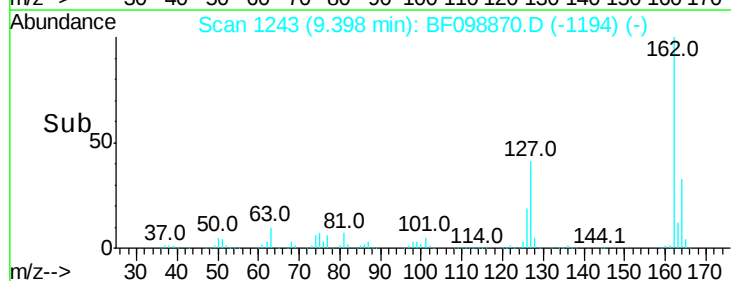
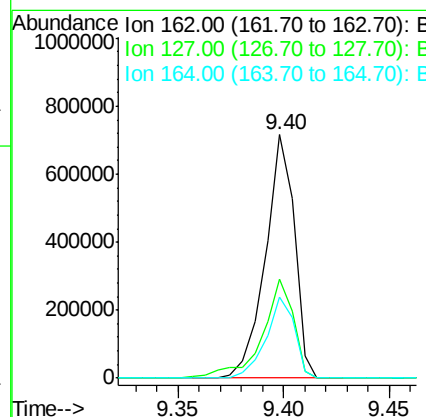
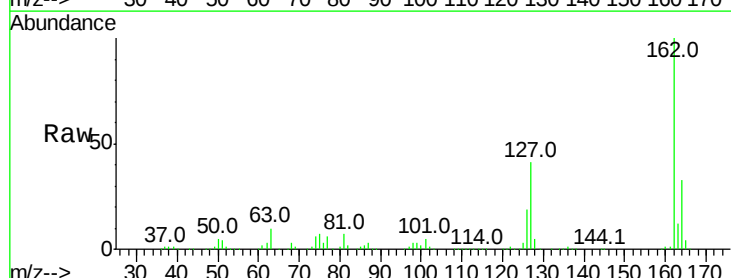
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM



#46
 2-Chloronaphthalene
 Concen: 39.091 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.6	33.9	50.9	
164	33.2	26.5	39.7	





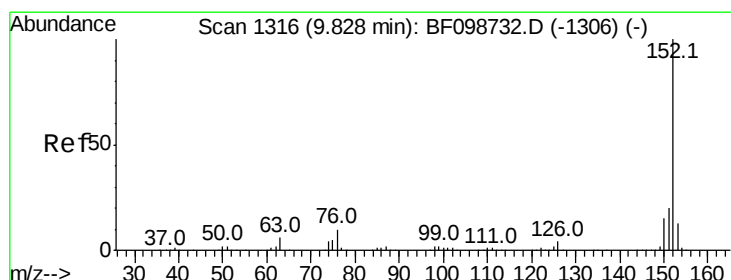
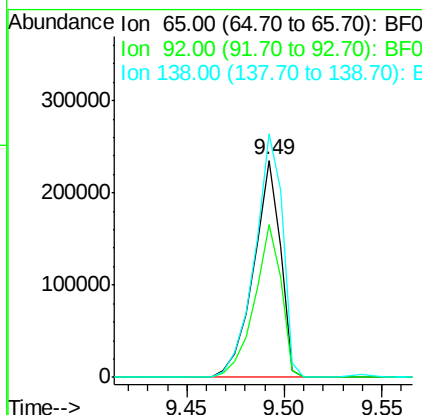
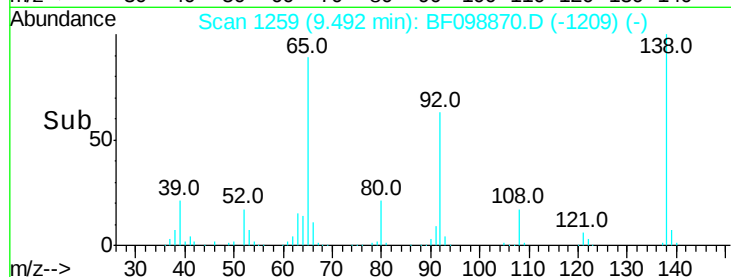
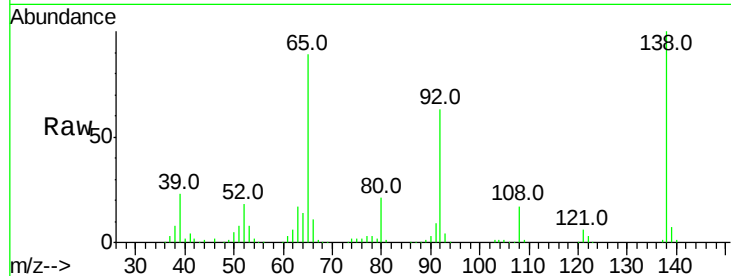
#47
 2-Nitroaniline
 Concen: 41.858 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	112.0	91.2	136.8

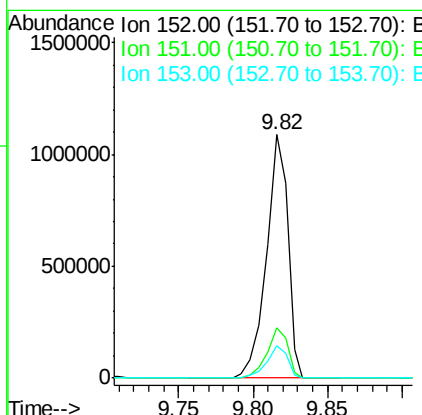
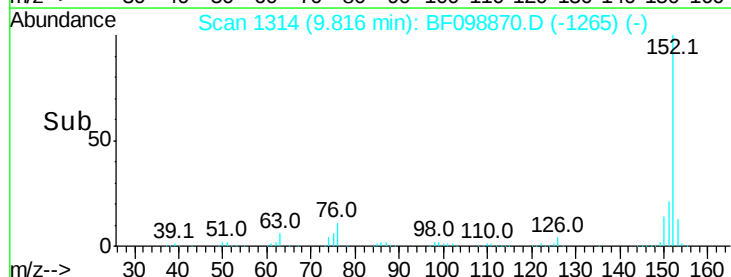
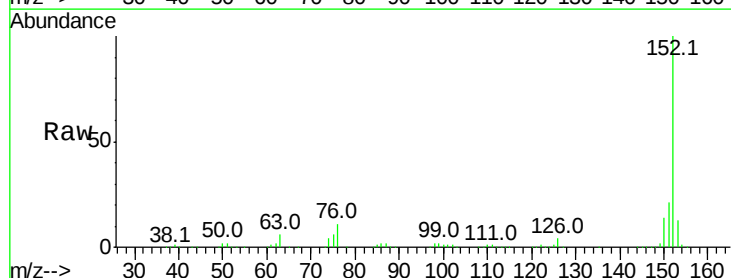
Manual Integrations
 APPROVED

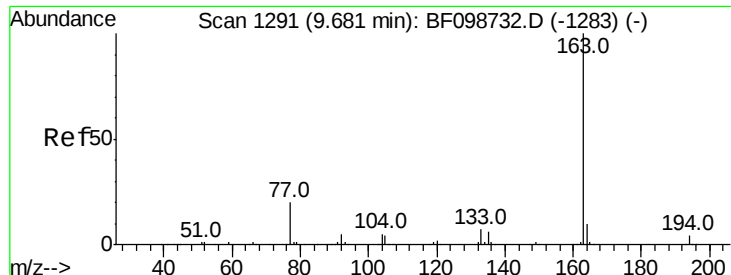
Sohil
 9/28/2017 2:32:19 PM



#48
 Acenaphthylene
 Concen: 39.882 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.4	10.7	16.1





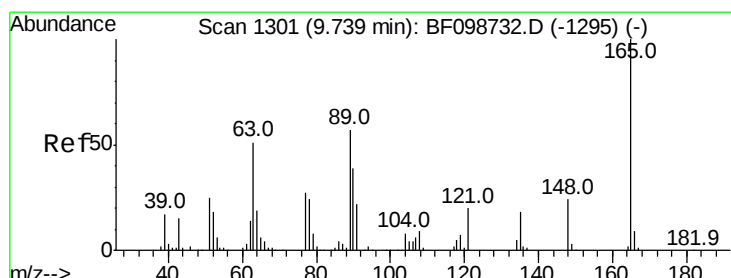
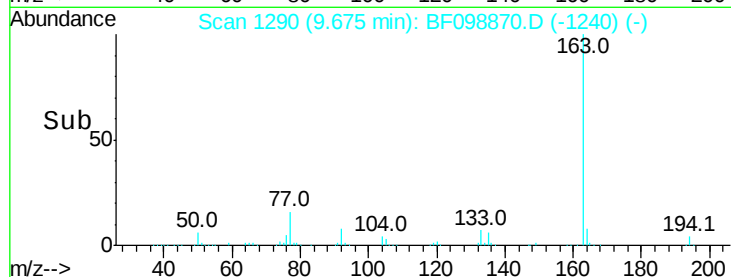
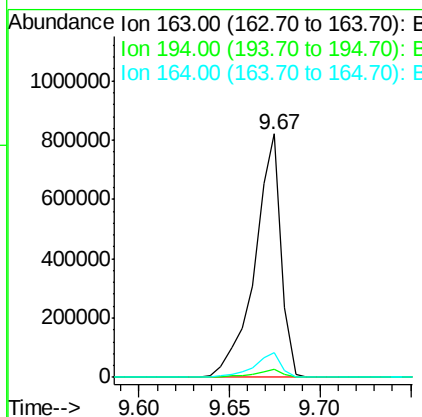
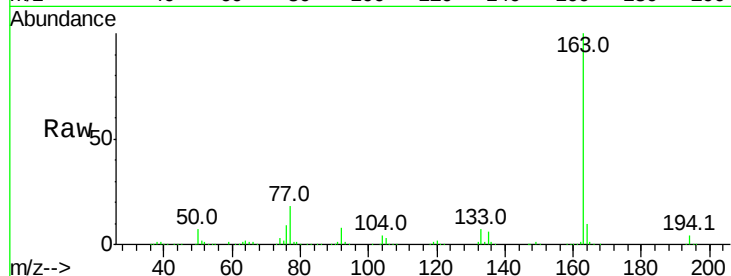
#49
 Dimethylphthalate
 Concen: 40.218 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampled :
 PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.0	8.2	12.2	

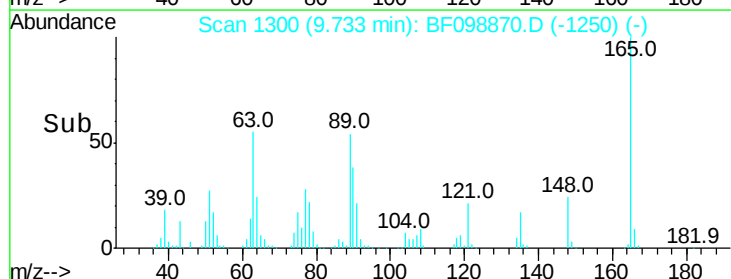
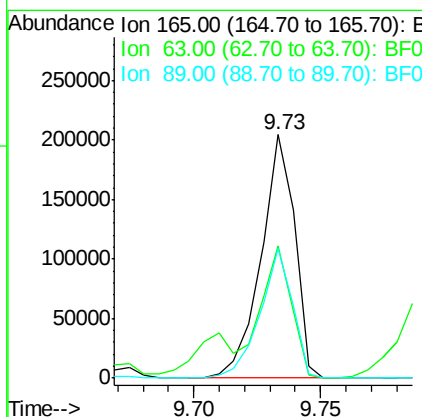
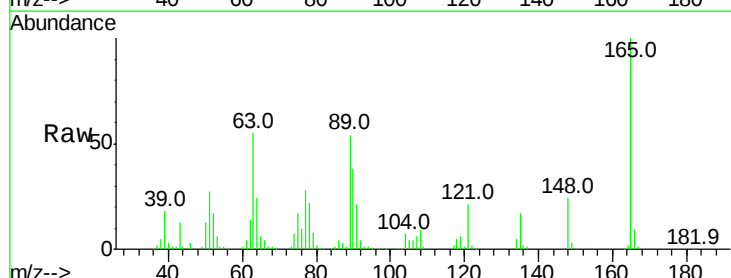
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM



#50
 2,6-Dinitrotoluene
 Concen: 42.221 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.6	44.7	67.1	
89	53.5	44.0	66.0	





#51

Acenaphthene

Concen: 39.864 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

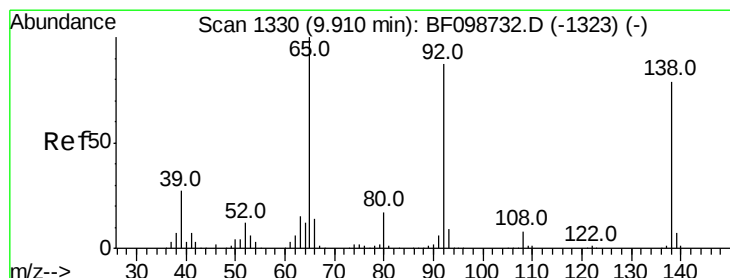
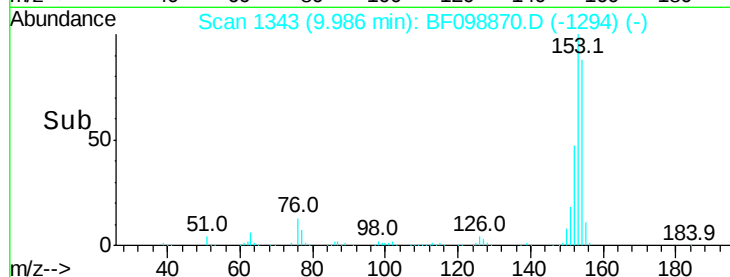
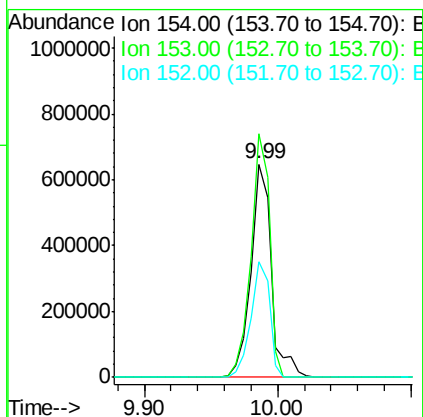
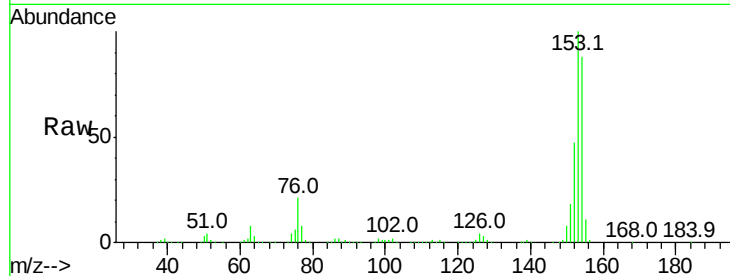
ClientSampleId :

PB102662BS

Tot Ion:	154	Resp:	676701
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#52

3-Nitroaniline

Concen: 28.283 ng

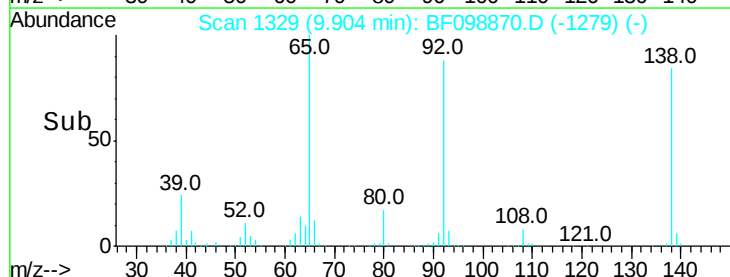
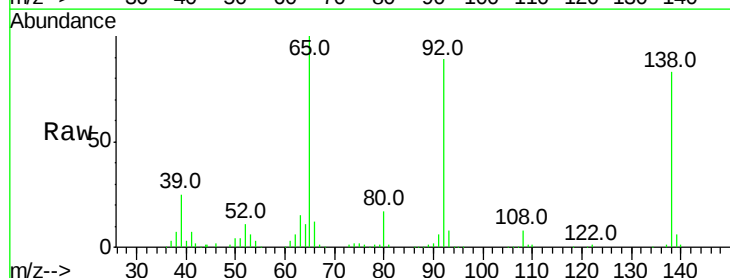
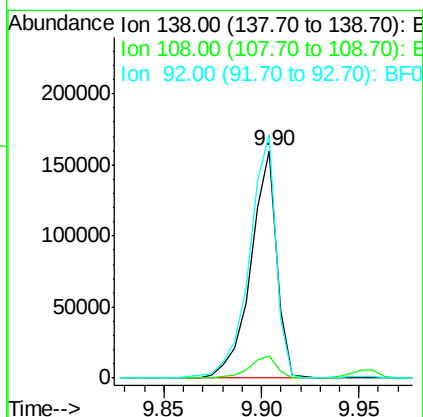
RT: 9.90 min Scan# 1329

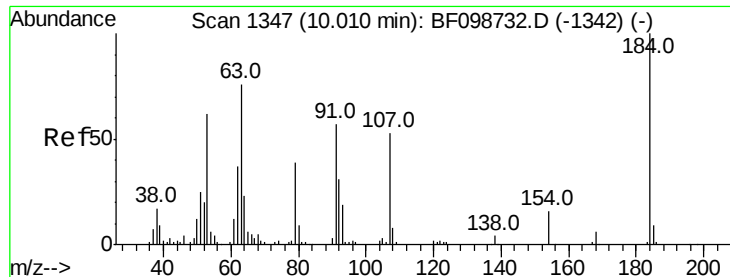
Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	138	Resp:	147001
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	107.2	89.4	134.2





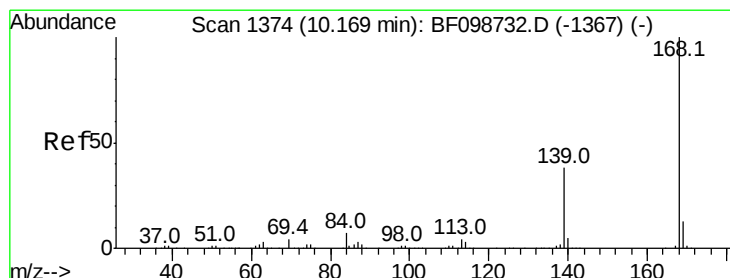
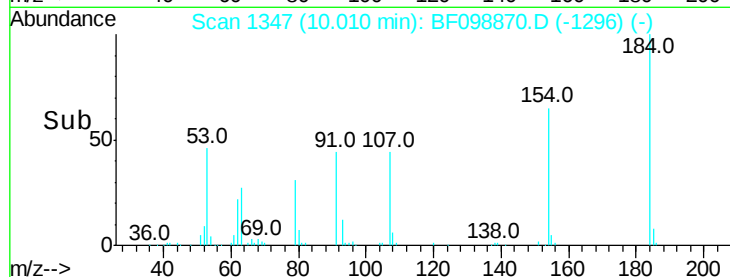
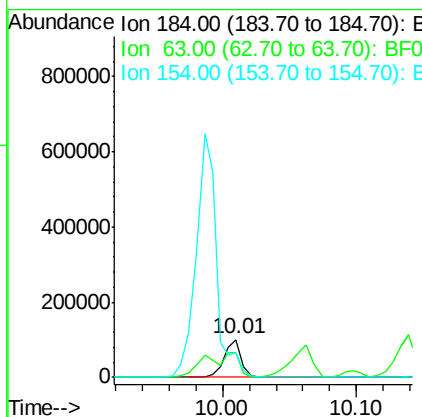
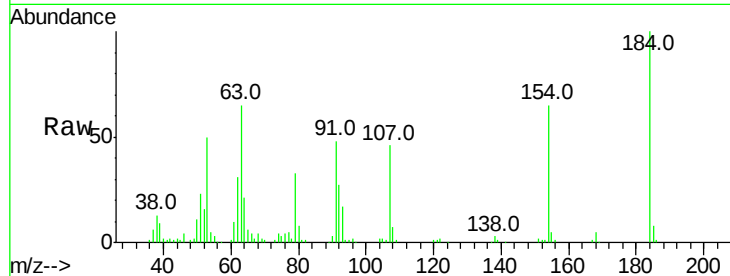
#53
2,4-Dinitrophenol
Concen: 41.687 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.9	54.2	81.2	
154	64.8	53.5	80.3	

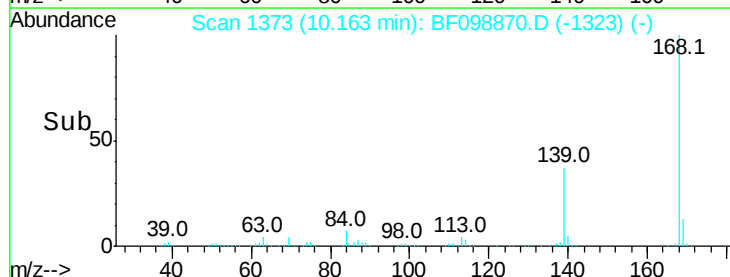
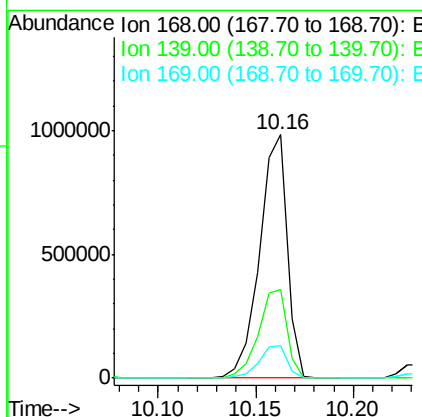
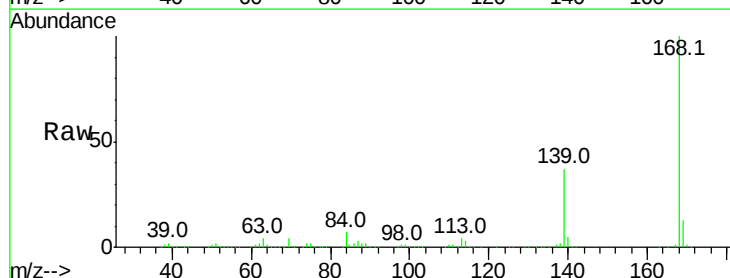
Manual Integrations
APPROVED

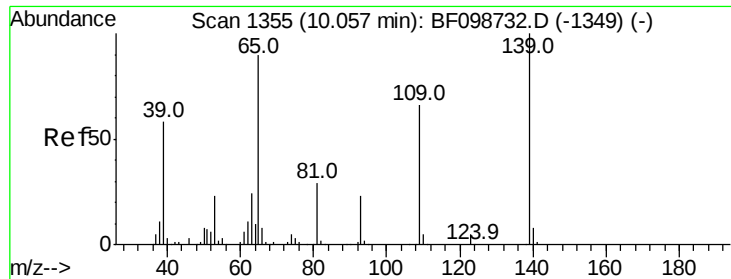
Sohil
9/28/2017 2:32:19 PM



#54
Dibenzofuran
Concen: 42.647 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.6	30.1	45.1	
169	13.1	10.9	16.3	





#55

4-Nitrophenol

Concen: 84.666 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

PB102662BS

Tot Ion:139 Resp: 372098

Ion Ratio Lower Upper

139 100

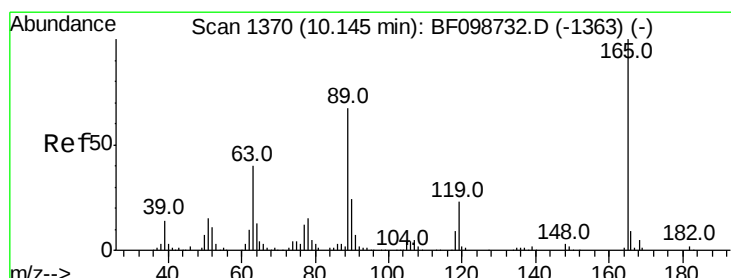
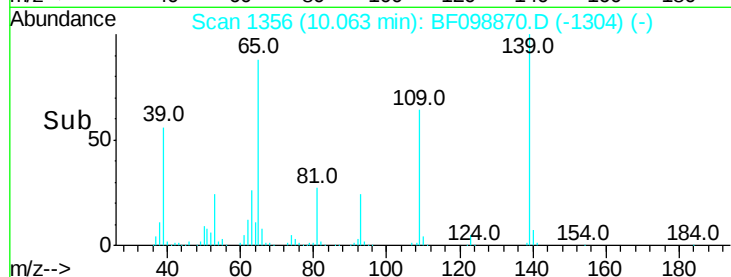
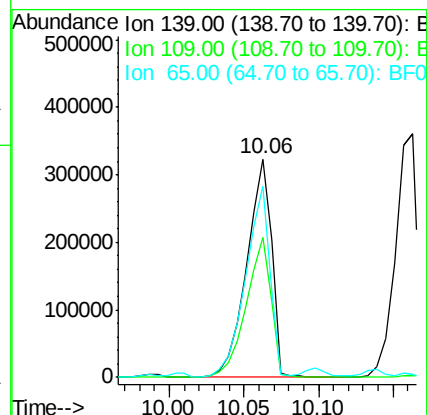
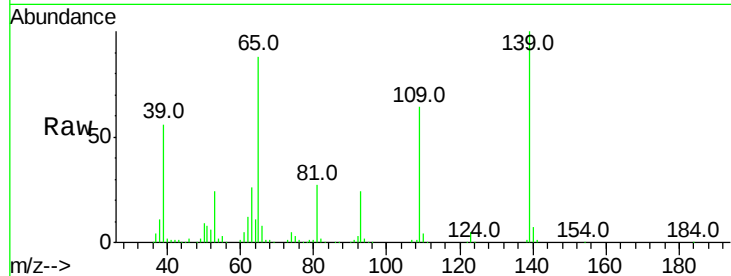
109 64.2 48.4 88.4

65 87.6 72.6 112.6

Manual Integrations
APPROVED

Sohil

9/28/2017 2:32:19 PM



#56

2,4-Dinitrotoluene

Concen: 45.123 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:165 Resp: 261044

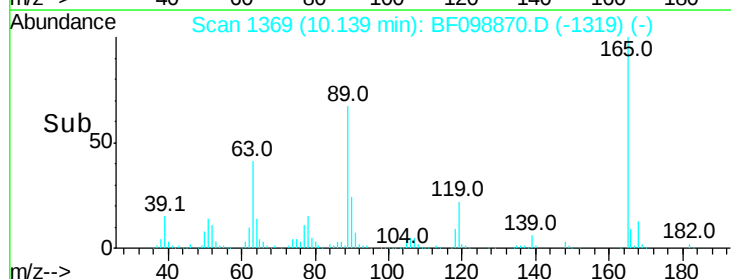
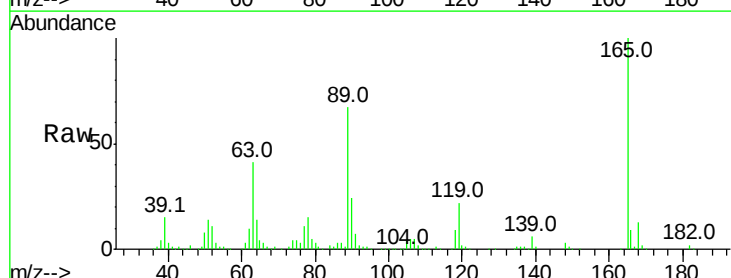
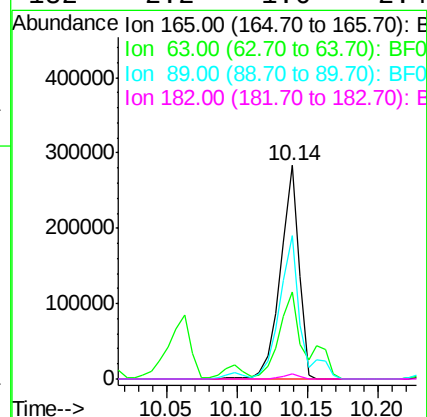
Ion Ratio Lower Upper

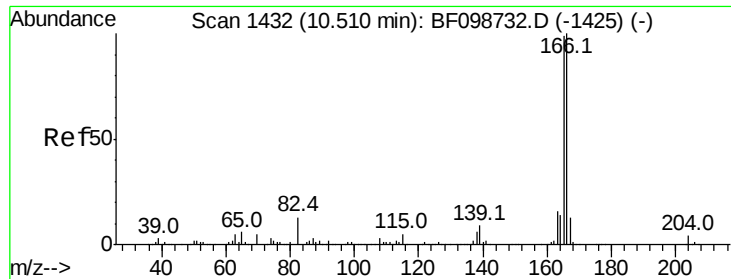
165 100

63 40.5 36.4 54.6

89 67.1 57.8 86.6

182 2.2 1.6 2.4





#57

Fluorene

Concen: 40.578 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

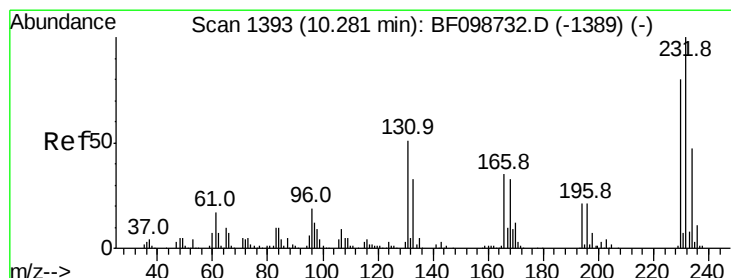
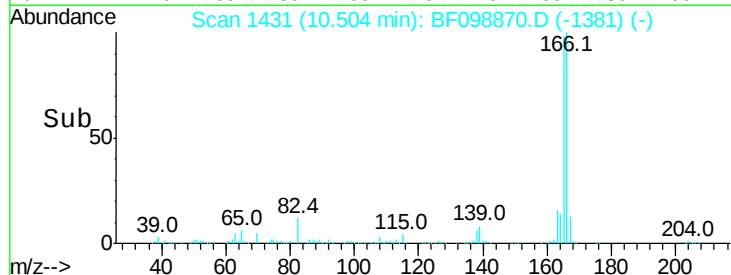
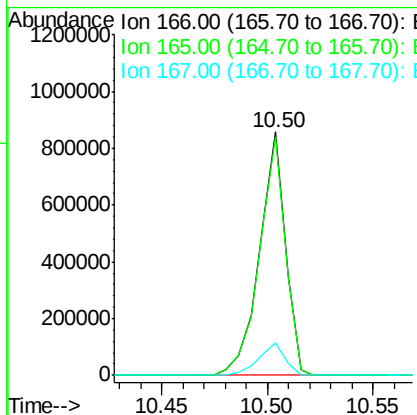
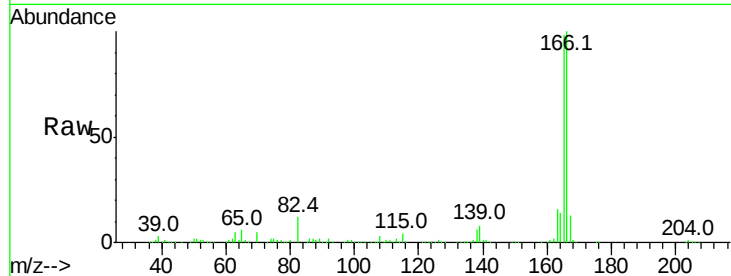
ClientSampleId :

PB102662BS

Tot Ion:	166	Resp:	737160
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.660 ng

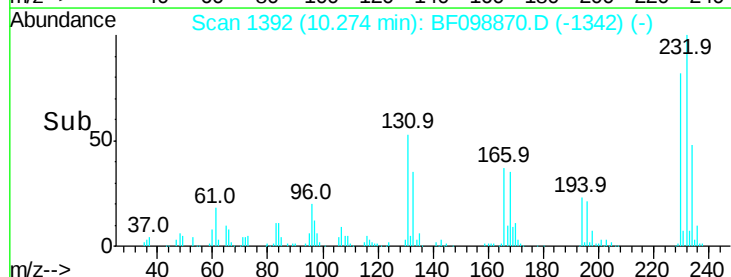
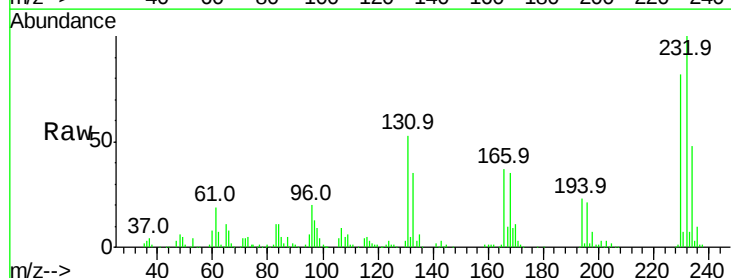
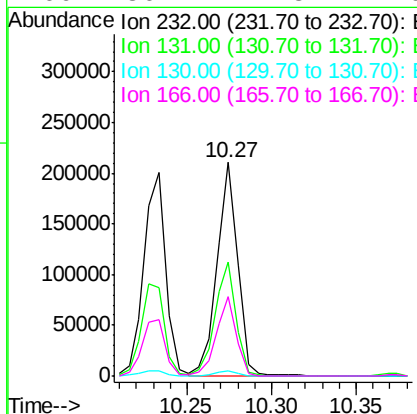
RT: 10.27 min Scan# 1392

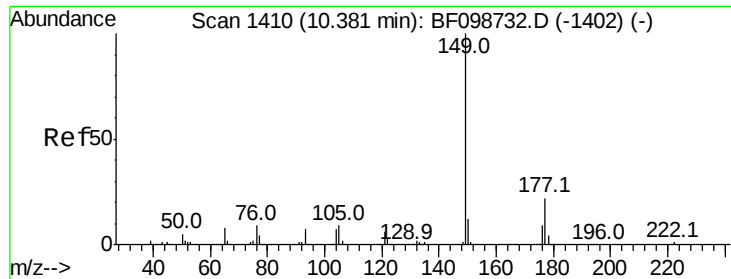
Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	232	Resp:	180465
Ion Ratio	Lower	Upper	
232	100		
131	54.6	43.8	65.8
130	2.5	2.1	3.1
166	36.2	27.8	41.6





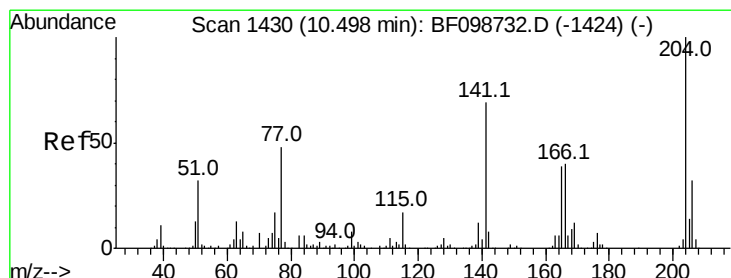
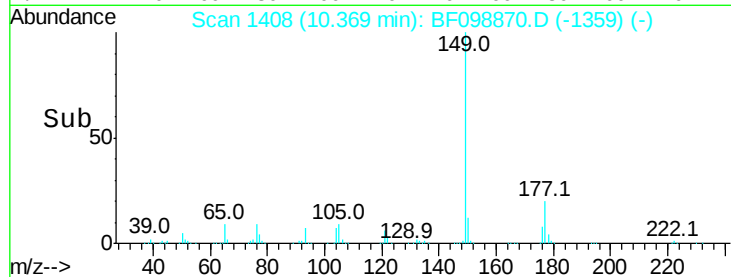
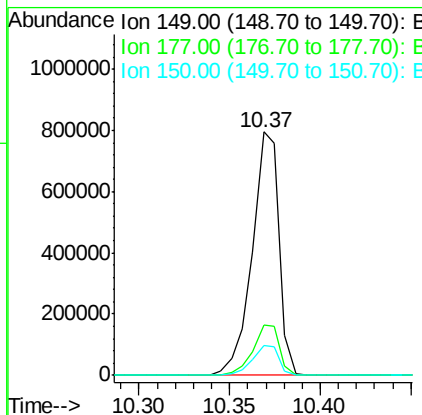
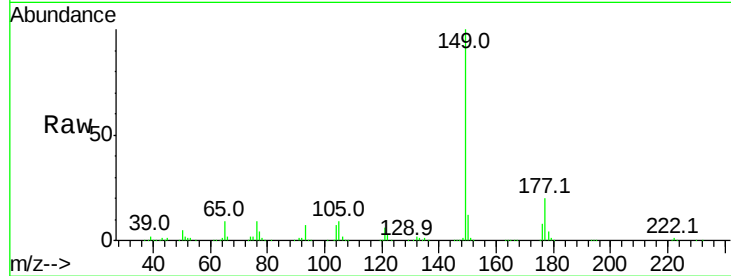
#59
Diethylphthalate
Concen: 40.807 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampled :
PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	816428		
177	20.5	16.1	24.1	
150	12.5	10.1	15.1	

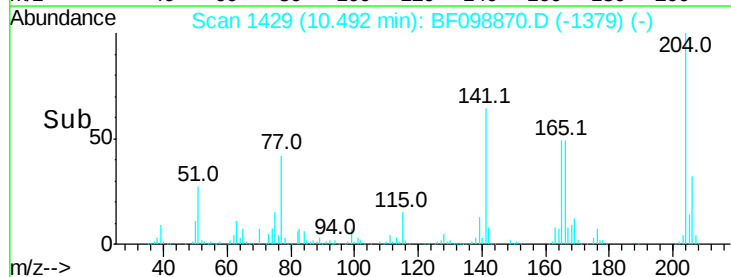
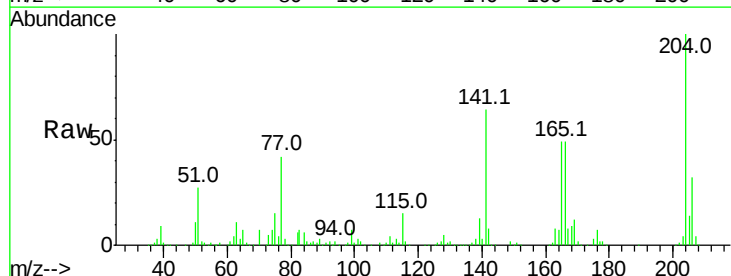
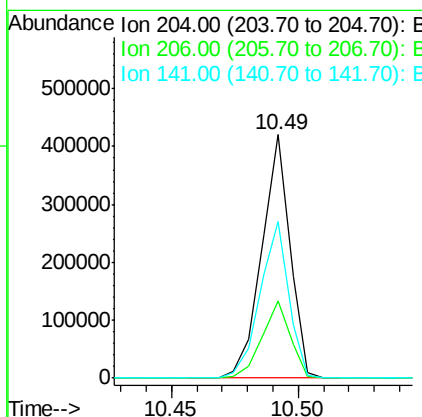
Manual Integrations
APPROVED

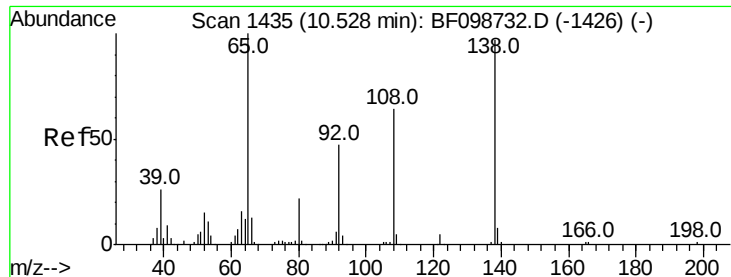
Sohil
9/28/2017 2:32:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.504 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	330530		
206	31.9	26.5	39.7	
141	64.2	54.6	81.8	





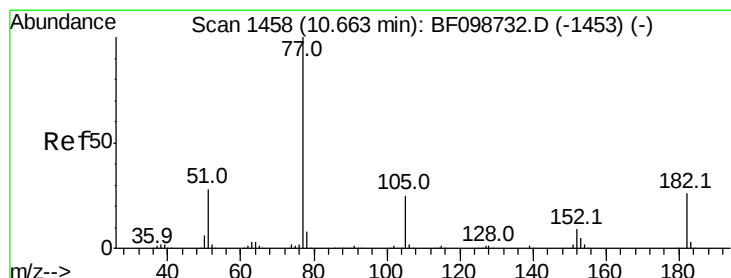
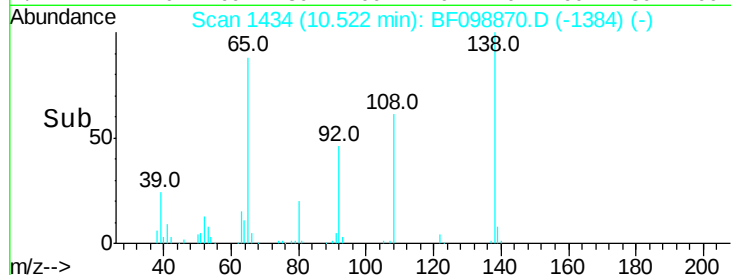
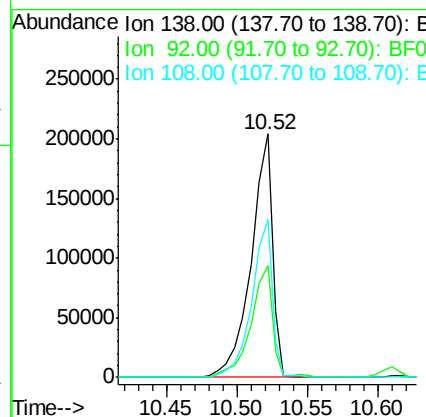
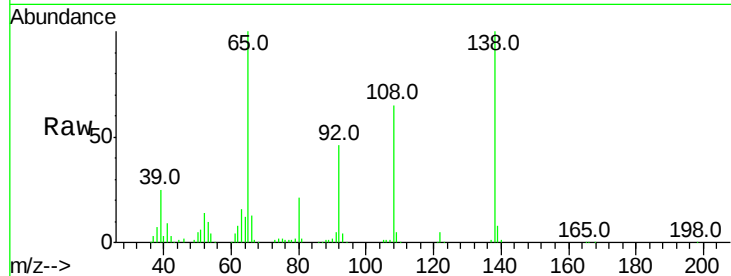
#61
4-Nitroaniline
Concen: 43.265 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampled :
PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	216949		
92	46.0		30.2	70.2
108	64.7		52.5	92.5

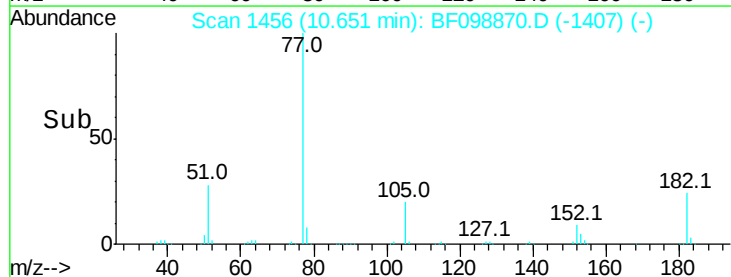
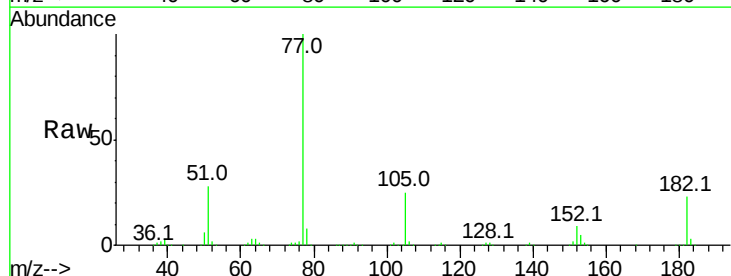
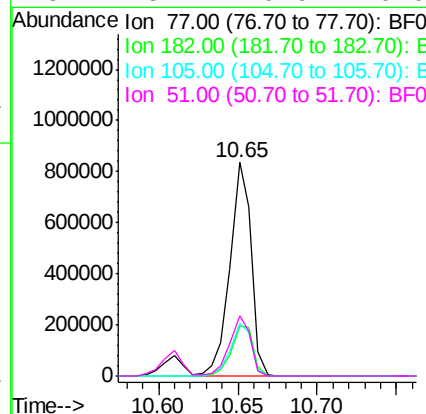
Manual Integrations
APPROVED

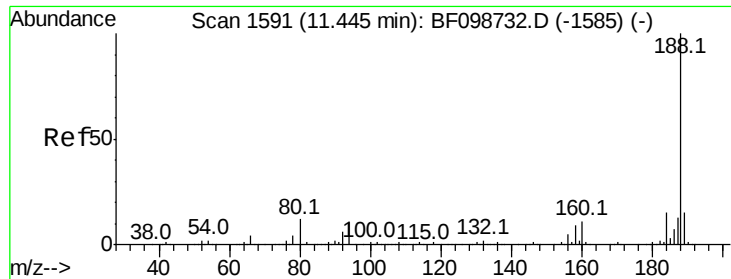
Sohil
9/28/2017 2:32:19 PM



#62
Azobenzene
Concen: 42.164 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	775655		
182	23.2		1.7	41.7
105	24.5		3.0	43.0
51	28.4		9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

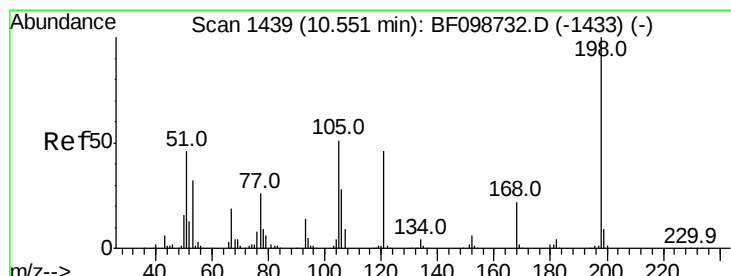
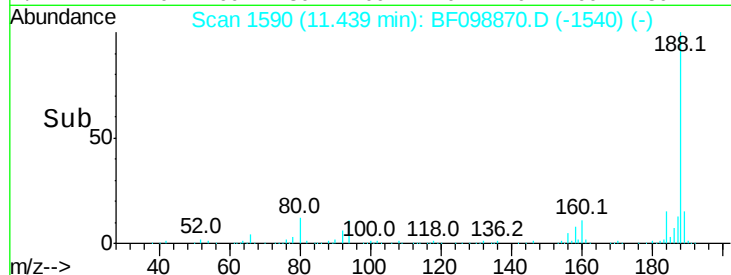
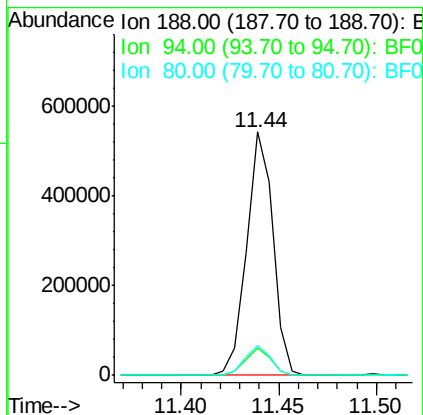
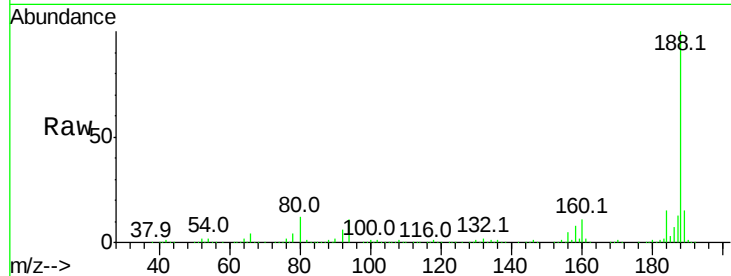
ClientSampleId :

PB102662BS

Tot Ion:	188	Resp:	506788
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 29.203 ng

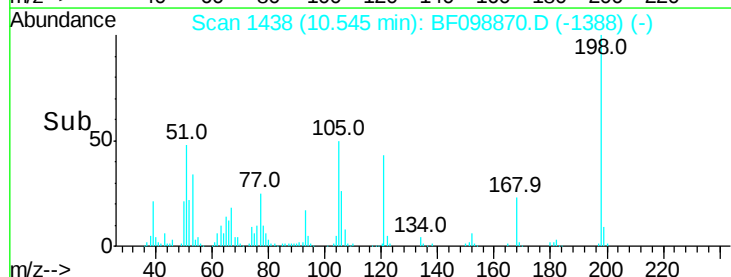
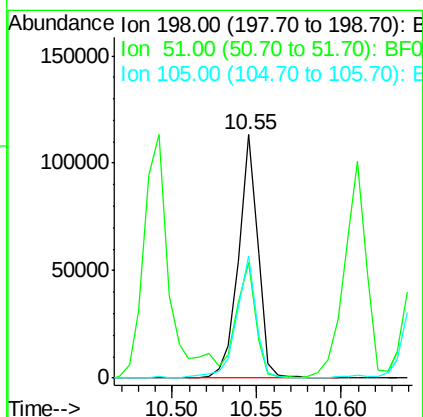
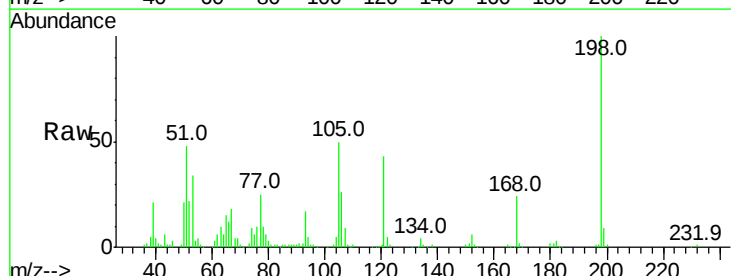
RT: 10.55 min Scan# 1438

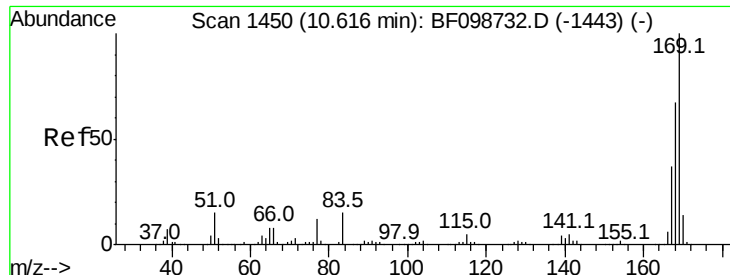
Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	198	Resp:	90046
Ion Ratio	Lower	Upper	
198	100		
51	47.6	37.7	77.7
105	50.2	36.3	76.3





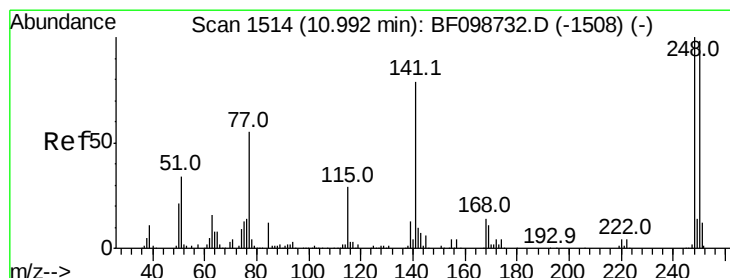
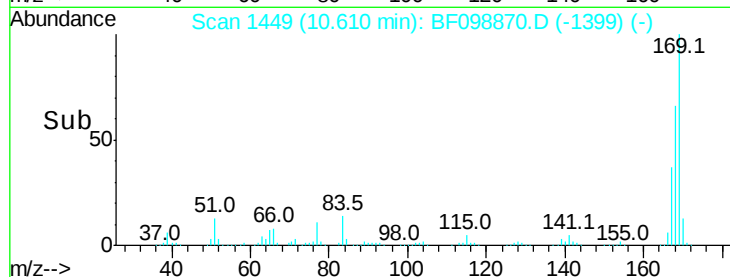
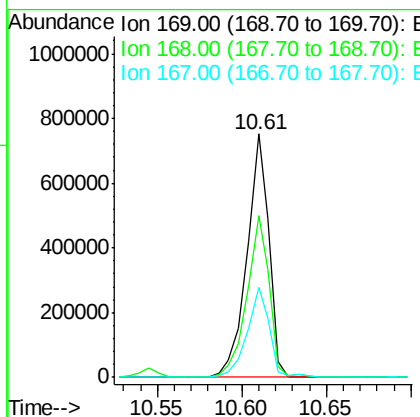
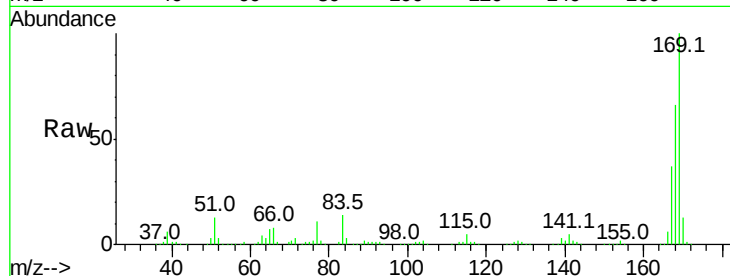
#65
 n-Nitrosodiphenylamine
 Concen: 38.895 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	682863		
168	66.3	54.4	81.6	
167	36.7	29.8	44.6	

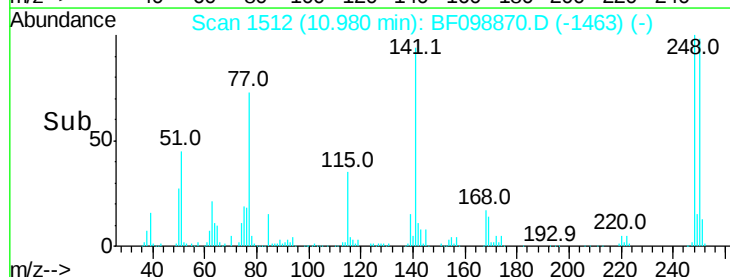
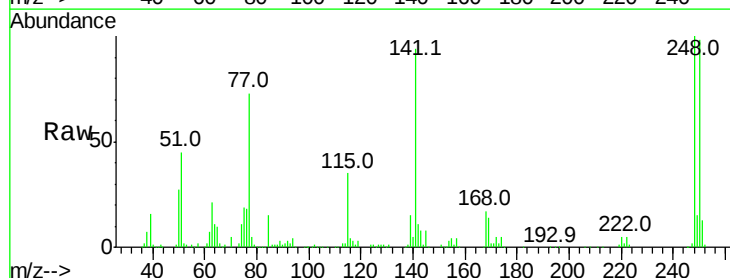
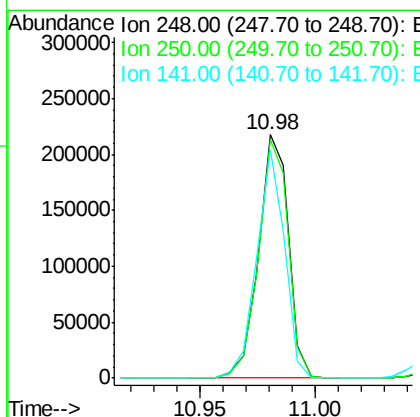
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.489 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195889		
250	97.7	76.9	115.3	
141	93.6	74.4	111.6	





#67

Hexachlorobenzene

Concen: 37.865 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

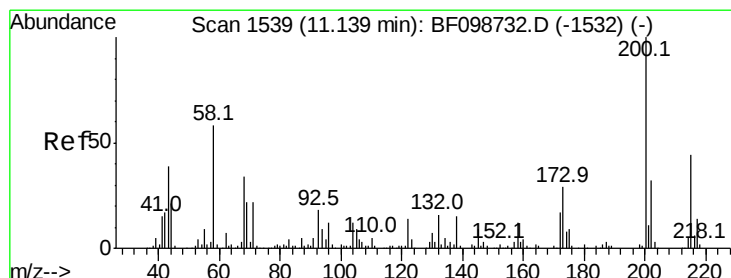
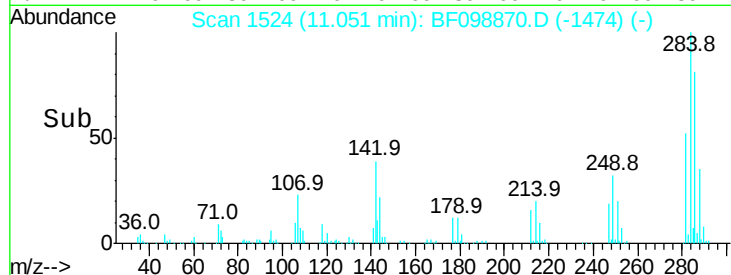
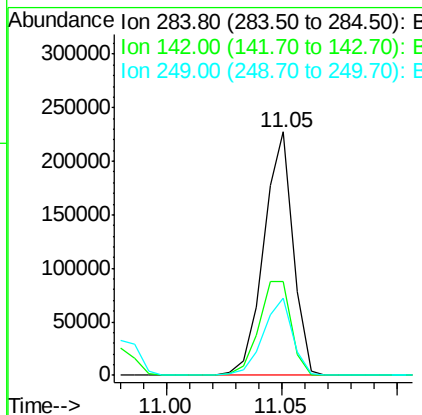
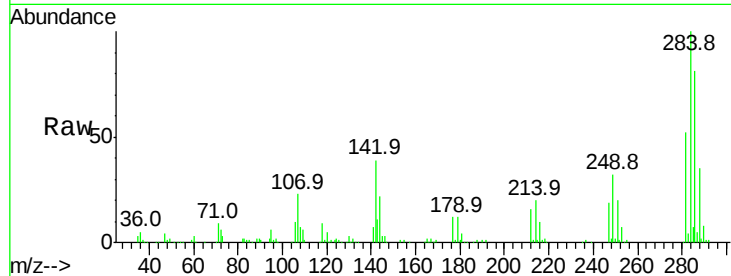
ClientSampleId :

PB102662BS

Tot Ion:	284	Resp:	200616
Ion Ratio	Lower	Upper	
284	100		
142	38.6	34.6	52.0
249	31.6	24.8	37.2

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#68

Atrazine

Concen: 41.894 ng

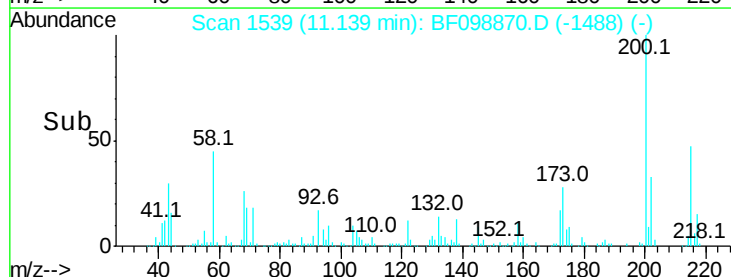
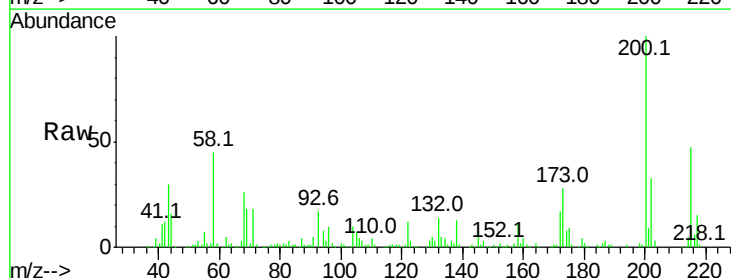
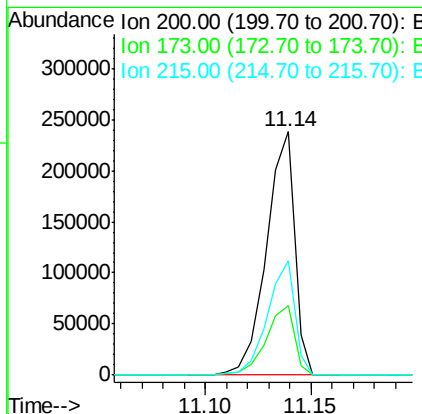
RT: 11.14 min Scan# 1539

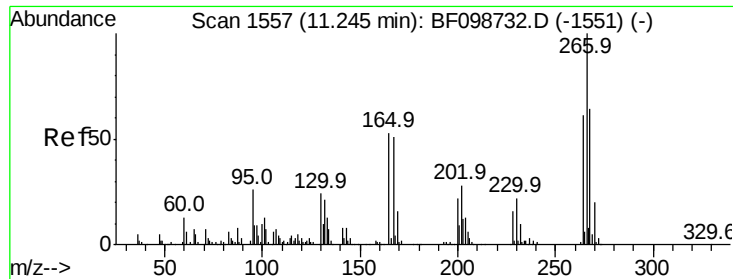
Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	200	Resp:	221292
Ion Ratio	Lower	Upper	
200	100		
173	28.5	8.6	48.6
215	46.8	25.1	65.1





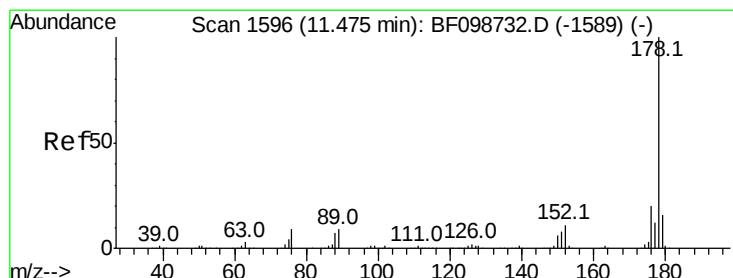
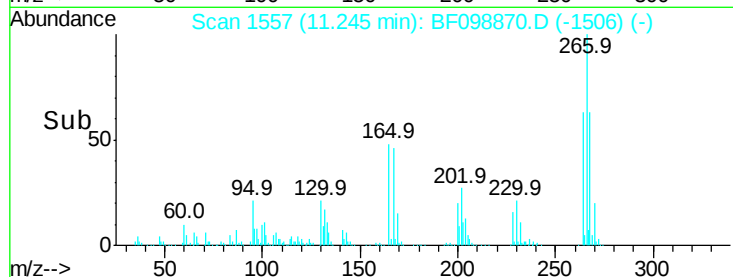
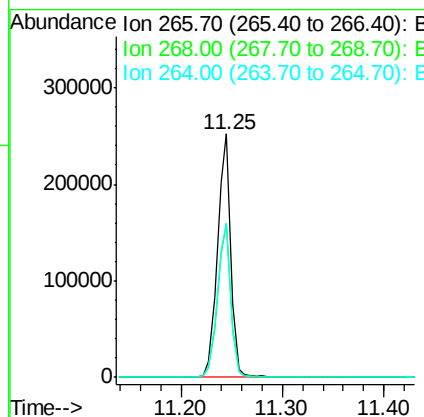
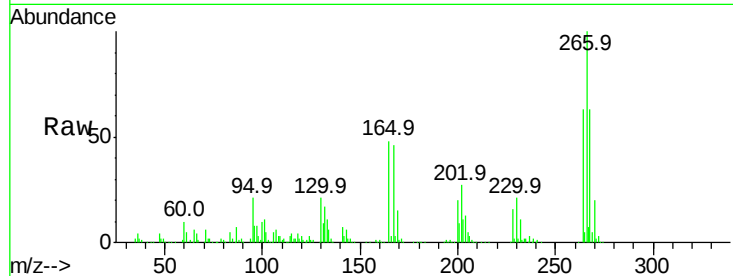
#69
 Pentachlorophenol
 Concen: 70.060 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	231012		
268	63.5	51.1	76.7	
264	63.4	49.5	74.3	

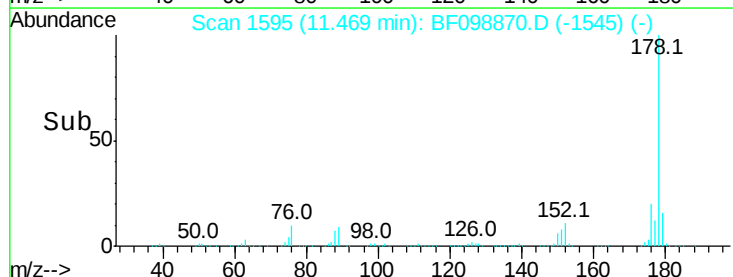
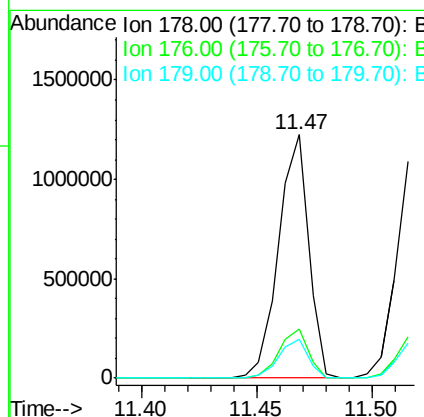
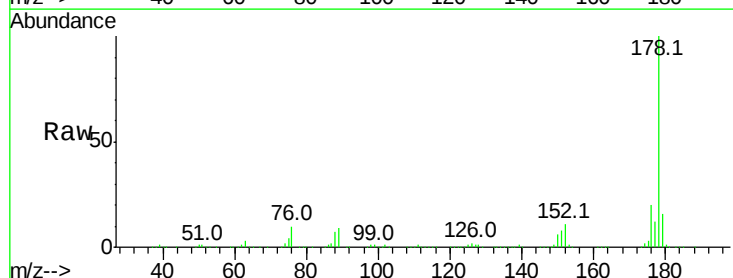
Manual Integrations
 APPROVED

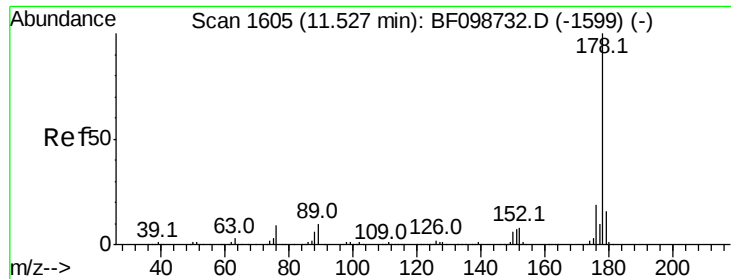
Sohil
 9/28/2017 2:32:19 PM



#70
 Phenanthrene
 Concen: 40.648 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1102651		
176	20.1	15.8	23.8	
179	15.8	13.0	19.6	





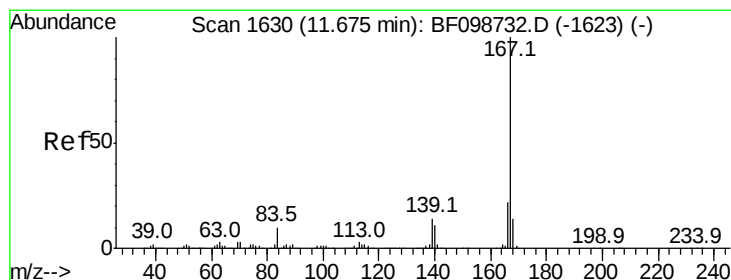
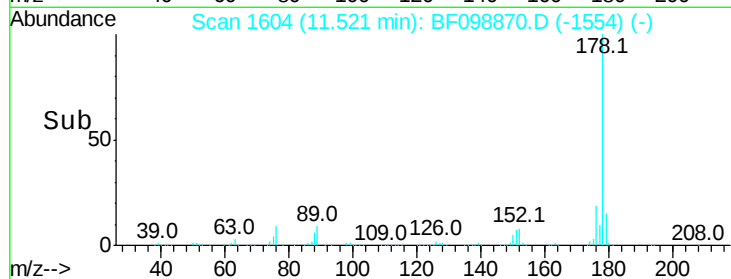
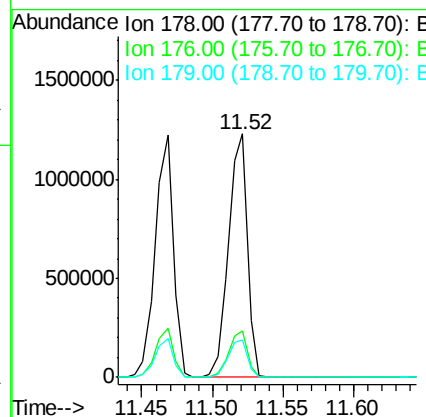
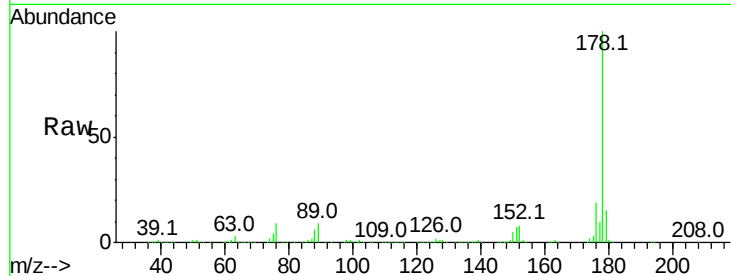
#71
 Anthracene
 Concen: 41.338 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion:178 Resp: 1147392
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0

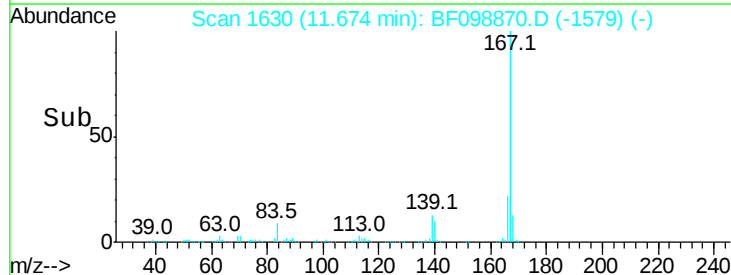
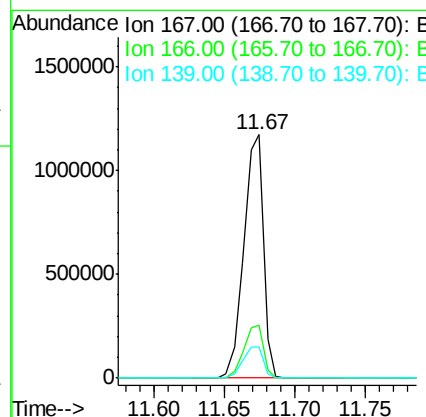
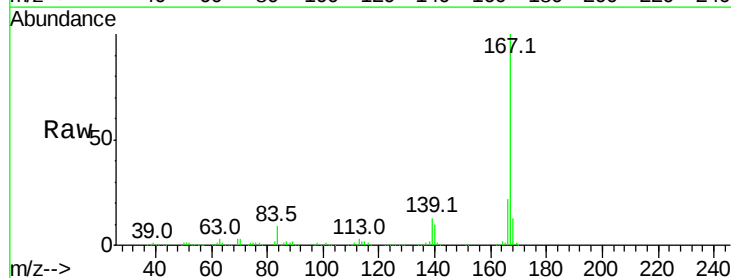
Manual Integrations
 APPROVED

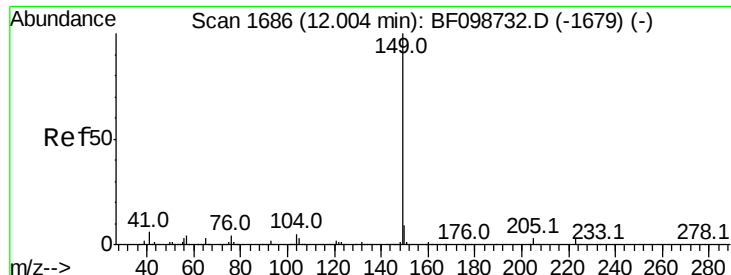
Sohil
 9/28/2017 2:32:19 PM



#72
 Carbazole
 Concen: 41.531 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion:167 Resp: 1128832
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.7 10.9 16.3





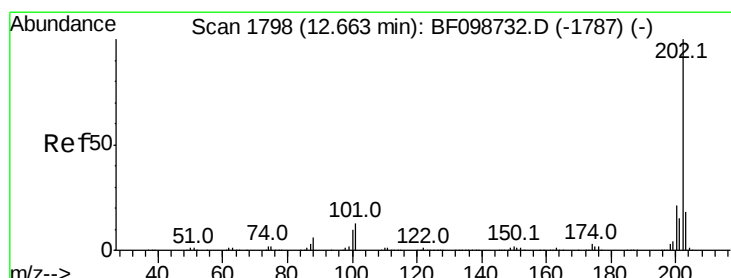
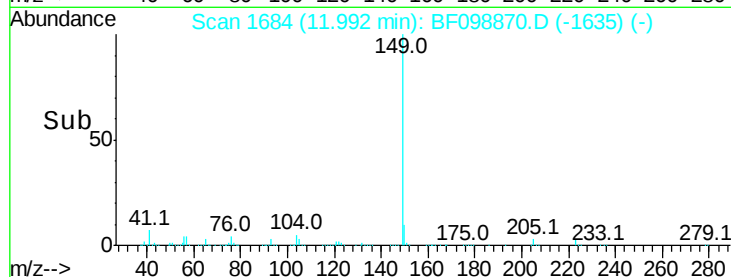
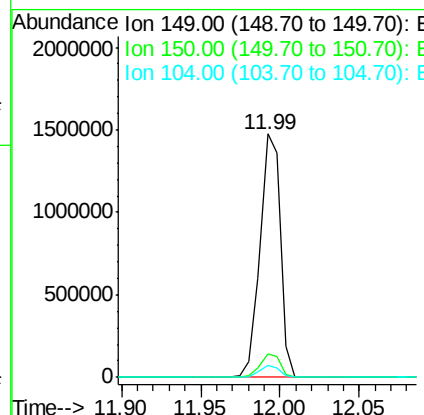
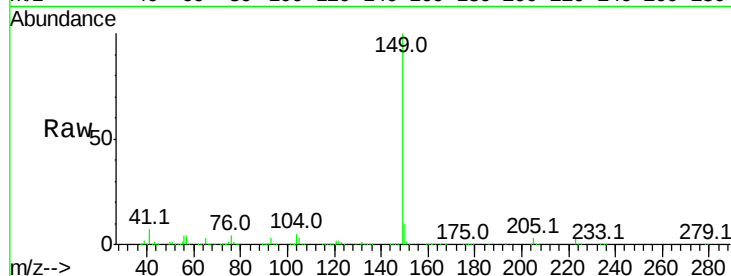
#73
Di-n-butylphthalate
Concen: 40.366 ng
RT: 11.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8

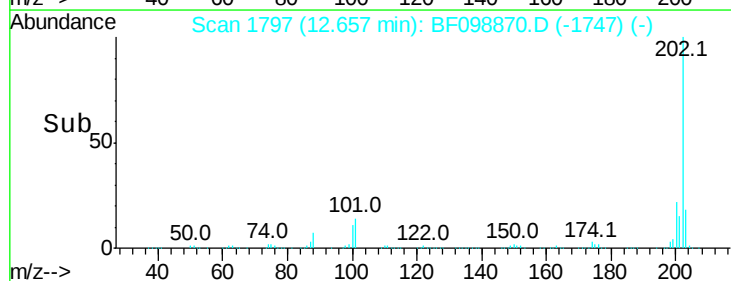
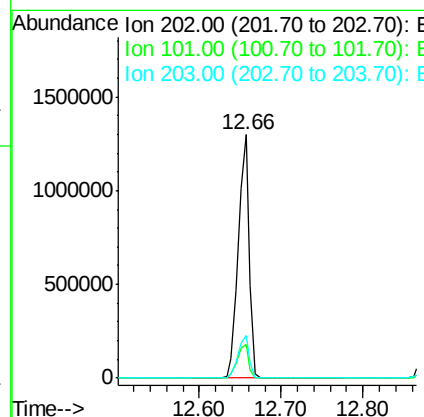
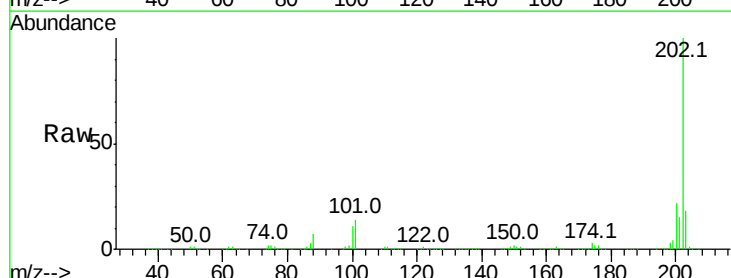
Manual Integrations
APPROVED

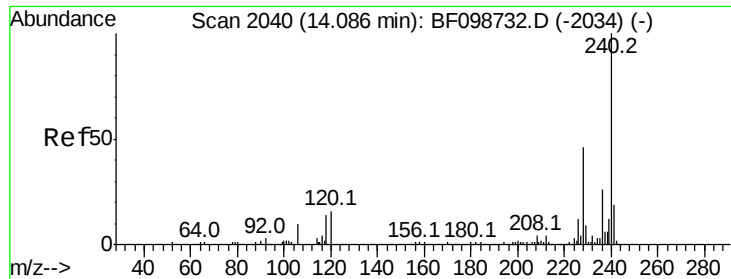
Sohil
9/28/2017 2:32:19 PM



#74
Fluoranthene
Concen: 44.200 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

PB102662BS

Tot Ion:240 Resp: 444458

Ion Ratio Lower Upper

240 100

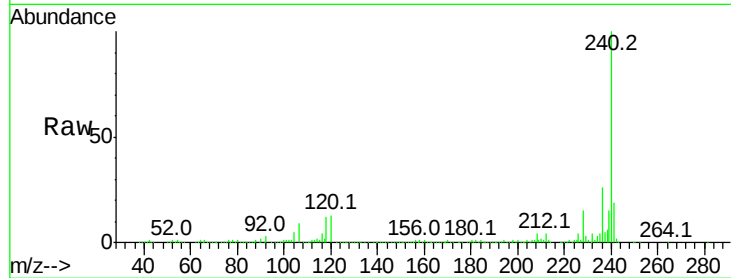
120 13.1 9.5 14.3

236 25.7 20.7 31.1

Manual Integrations
APPROVED

Sohil

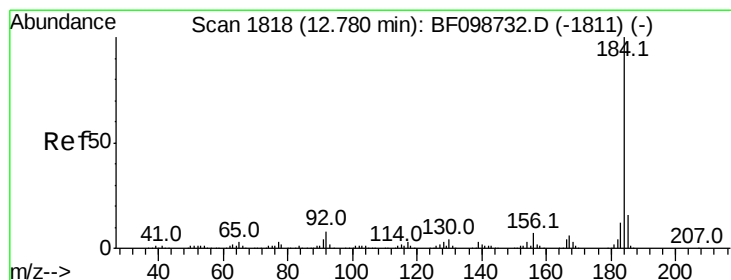
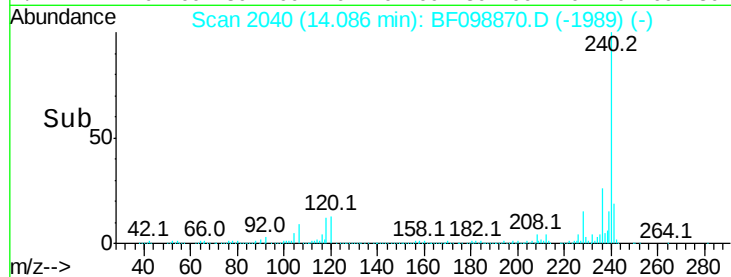
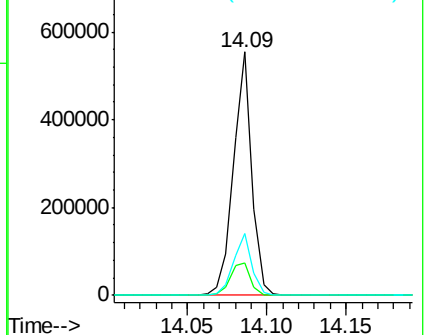
9/28/2017 2:32:19 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.828 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

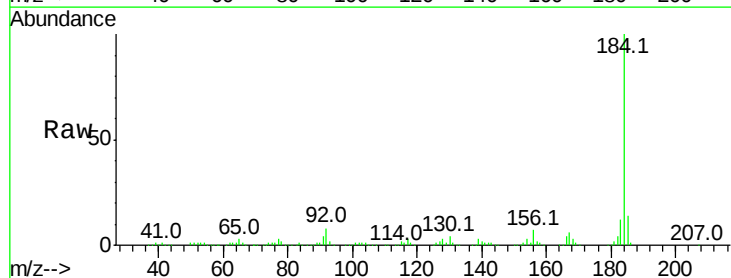
Tgt Ion:184 Resp: 506775

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

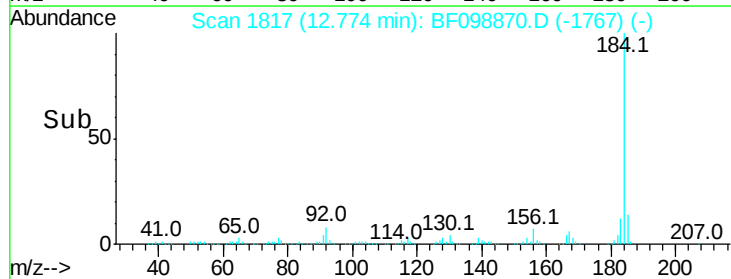
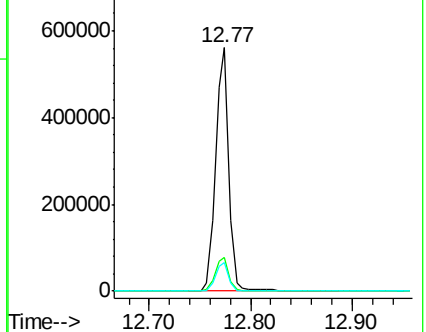
183 11.8 9.3 13.9

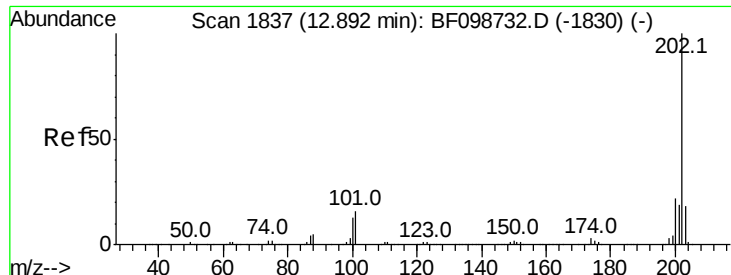


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





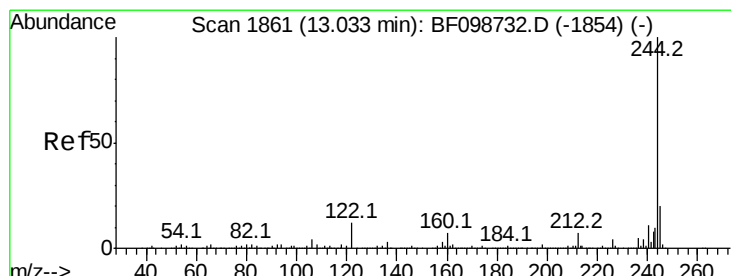
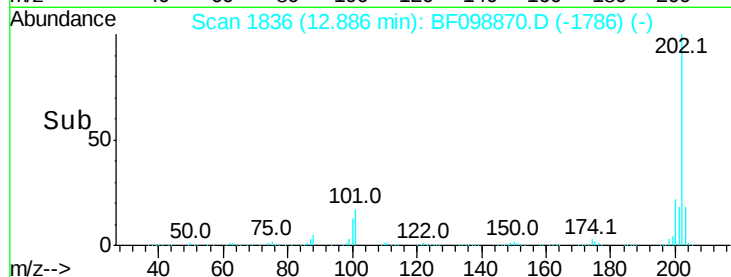
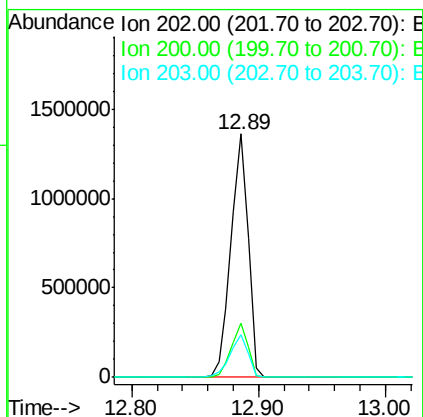
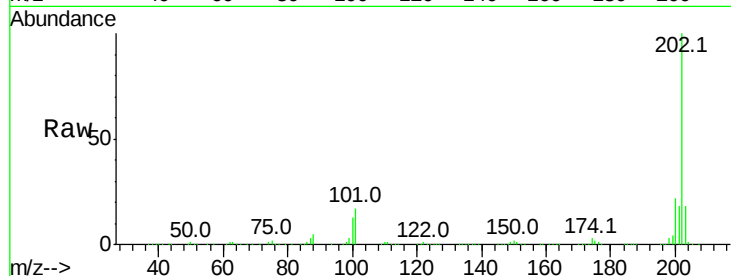
#77
Pvrene
Concen: 37.594 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.6	14.3	21.5

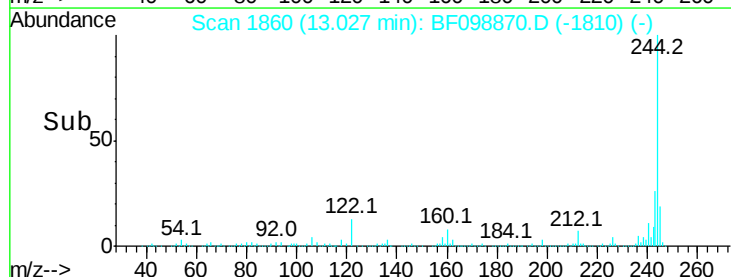
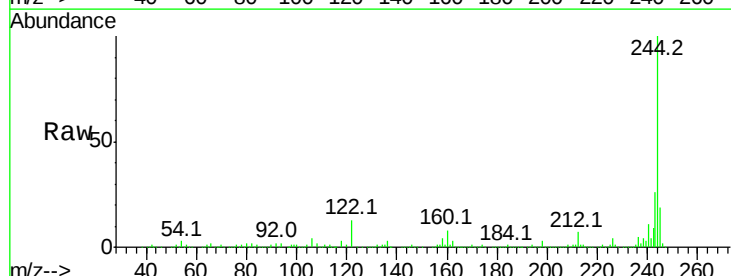
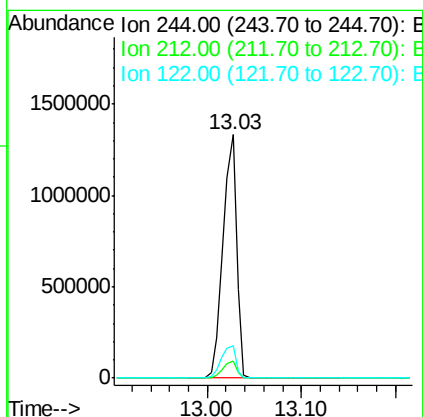
Manual Integrations
APPROVED

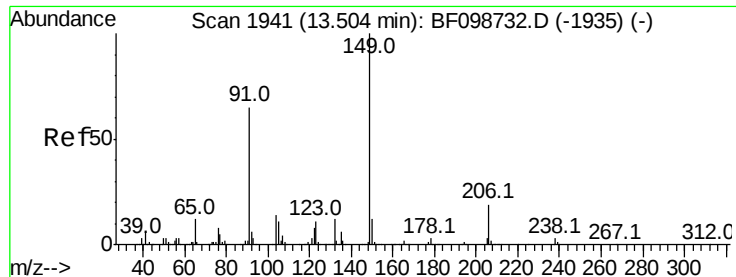
Sohil
9/28/2017 2:32:19 PM



#78
Terphenyl-d14
Concen: 69.424 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.1	11.0	16.4





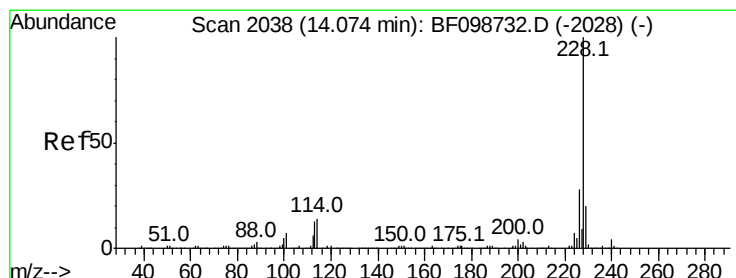
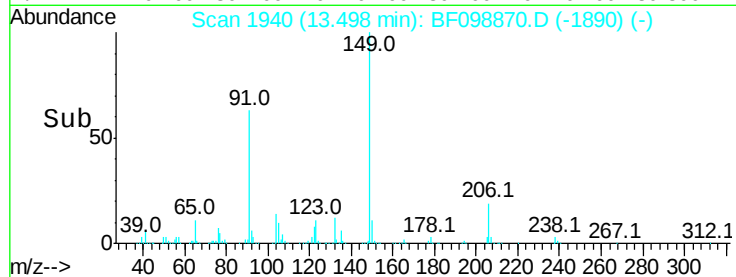
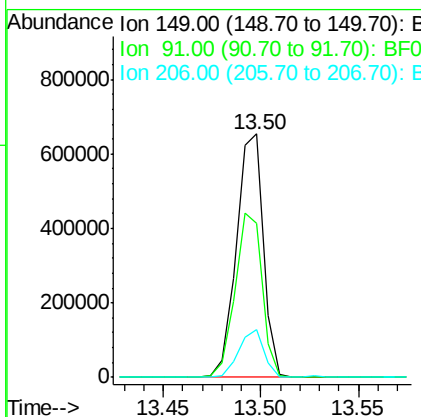
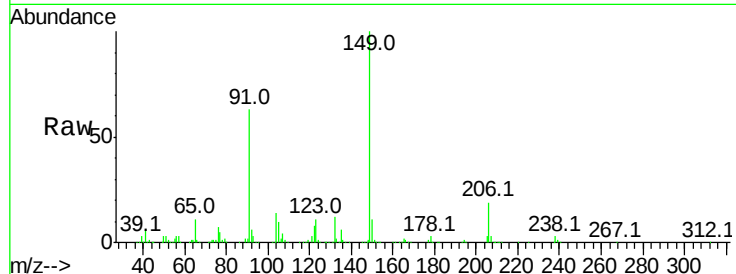
#79
Butylbenzylphthalate
Concen: 39.165 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	623829		
91	63.3	56.8	85.2	
206	19.5	14.1	21.1	

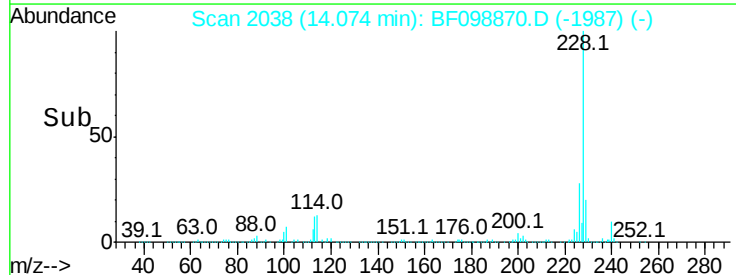
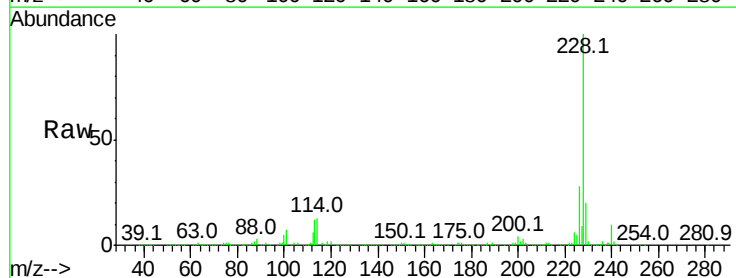
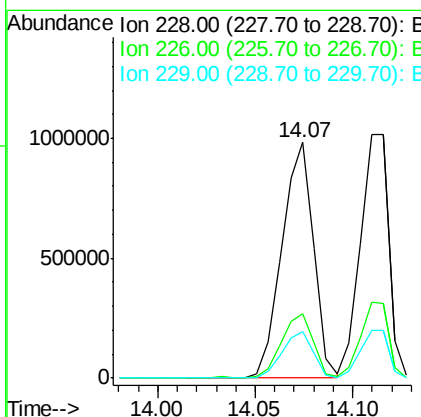
Manual Integrations
APPROVED

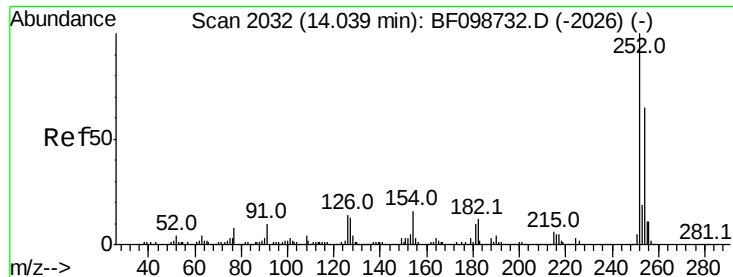
Sohil
9/28/2017 2:32:19 PM



#80
Benzo(a)anthracene
Concen: 40.806 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098870.D
Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1098218		
226	27.6	22.6	33.8	
229	19.9	15.8	23.6	





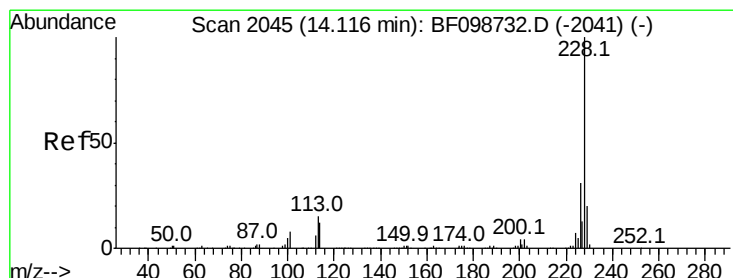
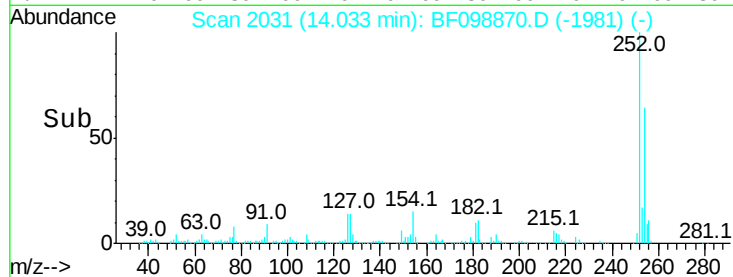
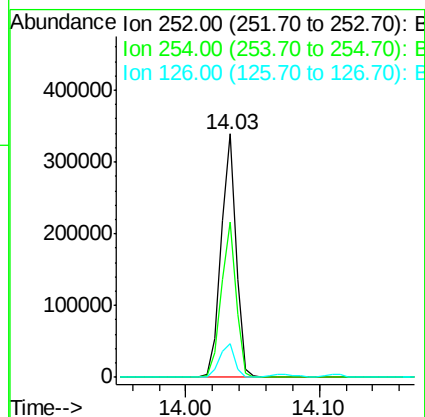
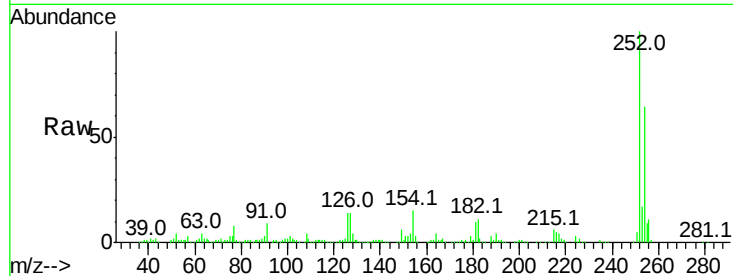
#81
 3,3'-Dichlorobenzidine
 Concen: 27.571 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	272015		
254	63.5		50.4	75.6
126	13.9		11.3	16.9

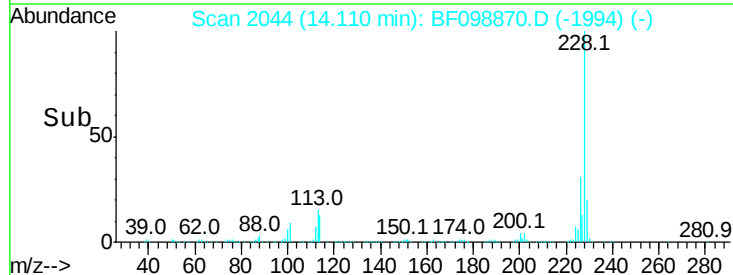
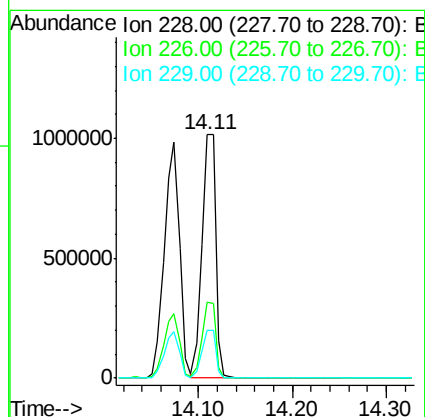
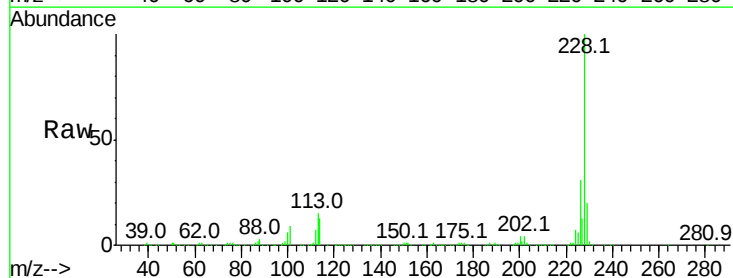
Manual Integrations
 APPROVED

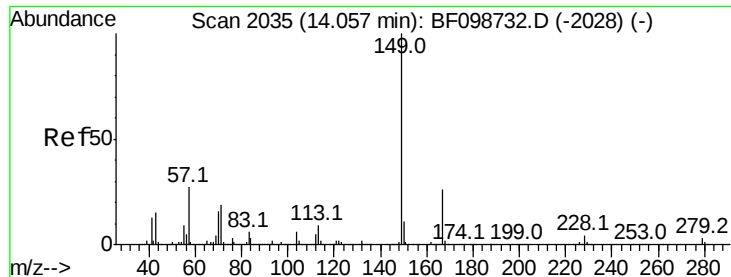
Sohil
 9/28/2017 2:32:19 PM



#82
 Chrysene
 Concen: 40.368 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1034326		
226	31.0		25.0	37.6
229	19.9		16.2	24.4





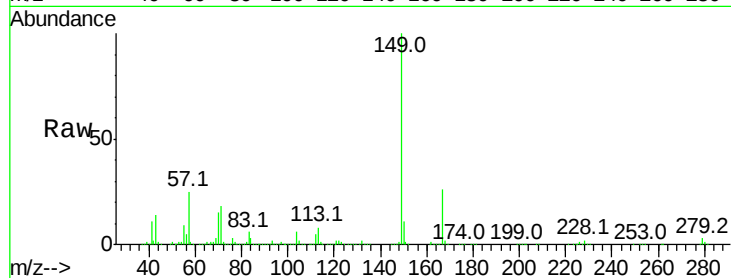
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.006 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

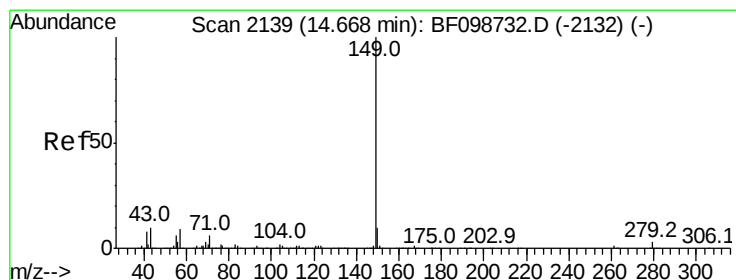
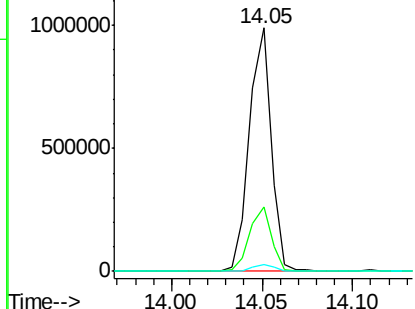
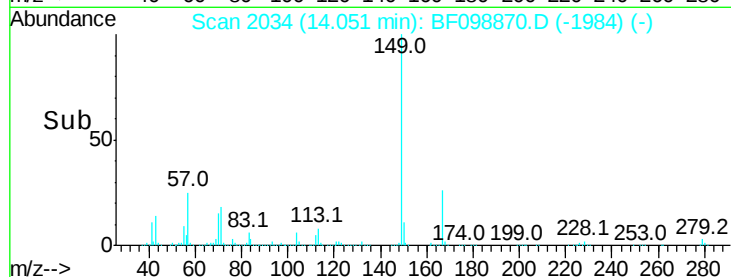
Tot Ion	Ratio	Resp	Lower	Upper
149	100	833568		
167	26.4		21.3	31.9
279	3.0		3.0	4.4

Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM

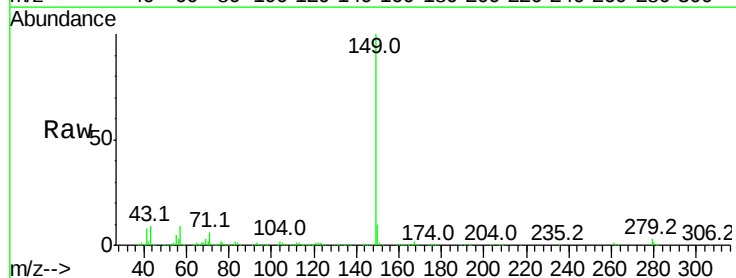


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

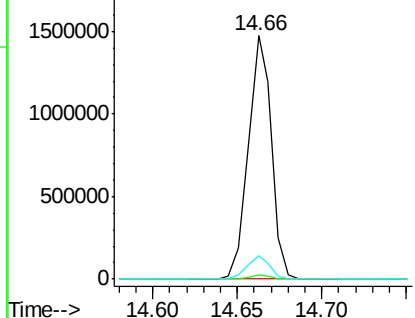
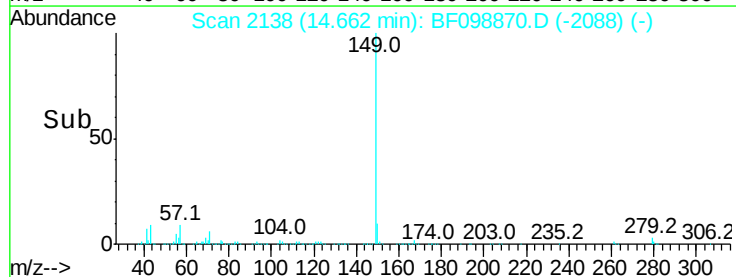


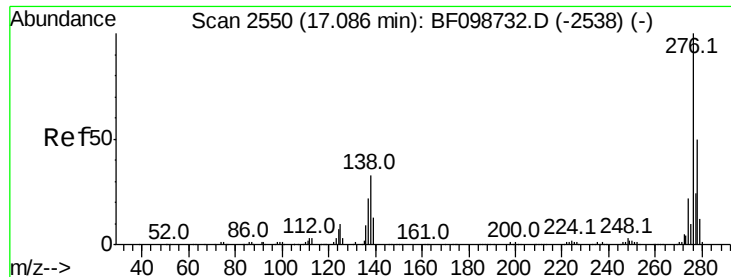
#84
 Di-n-octyl phthalate
 Concen: 39.860 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1407675		
167	1.6		1.2	1.8
43	9.2		8.4	12.6



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





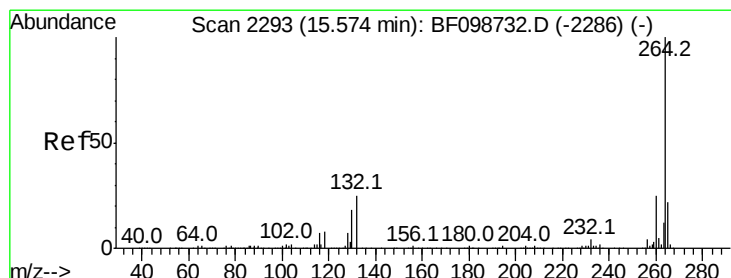
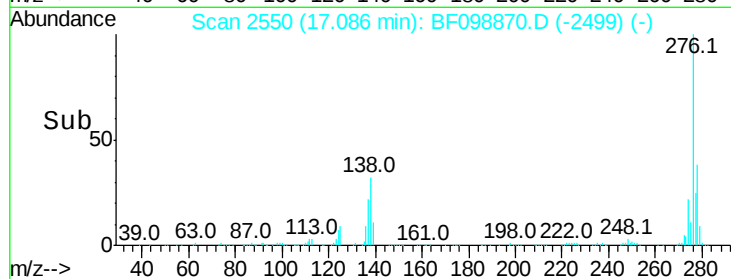
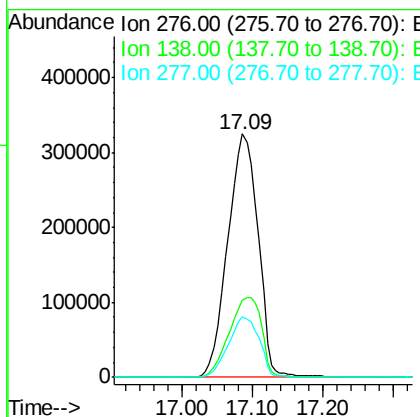
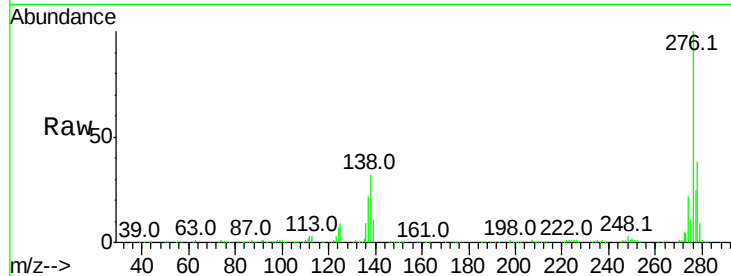
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.298 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.3	20.1	30.1

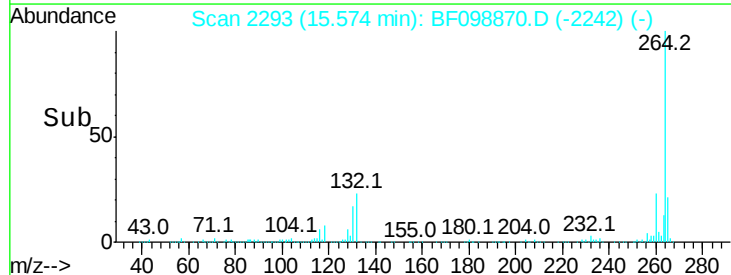
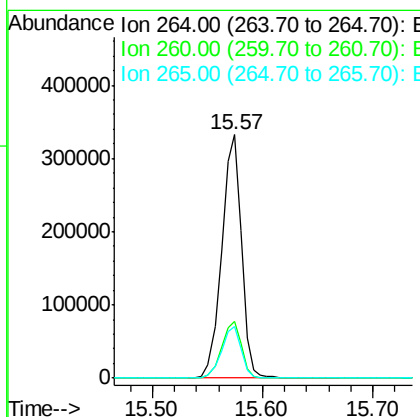
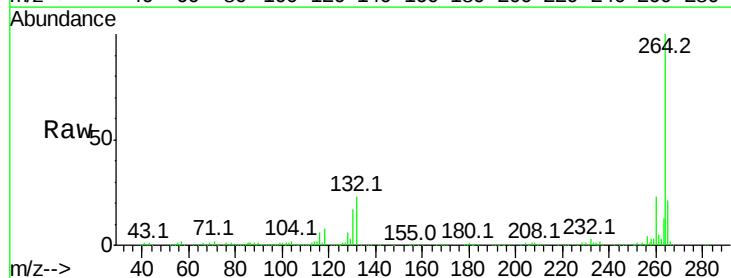
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.110 ng/mL

RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

ClientSampleId :

PB102662BS

Tot Ion:252 Resp: 1047468

Ion Ratio Lower Upper

252 100

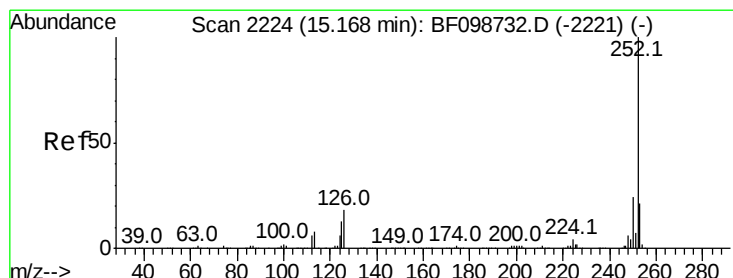
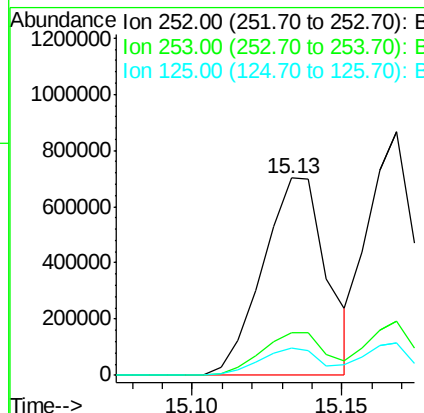
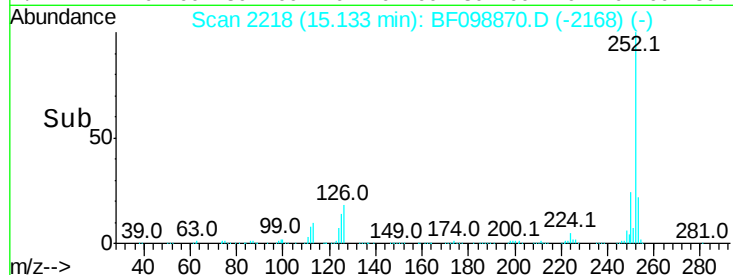
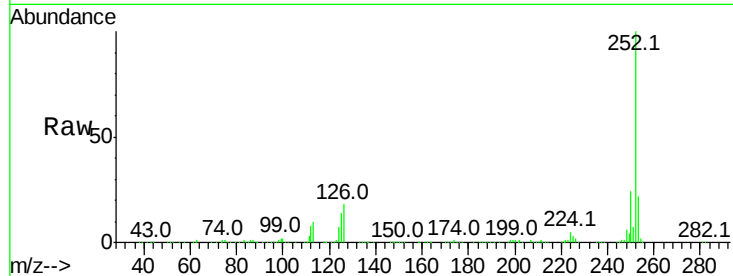
253 21.6 17.0 25.6

125 14.0 9.0 13.6#

Manual Integrations
APPROVED

Sohil

9/28/2017 2:32:19 PM



#88

Benzo(k)fluoranthene

Concen: 36.791 ng/mL

RT: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

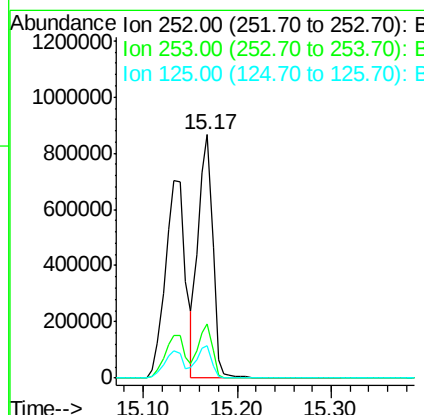
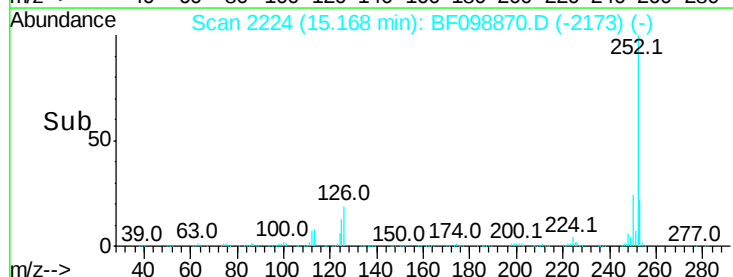
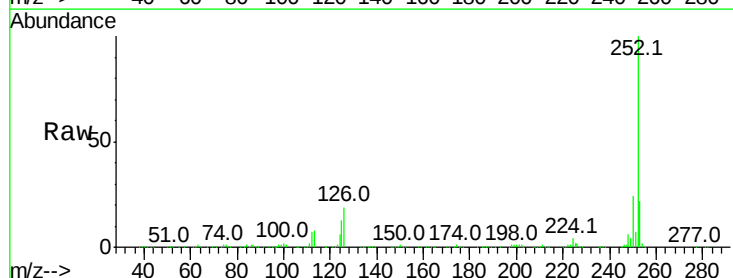
Tgt Ion:252 Resp: 925912

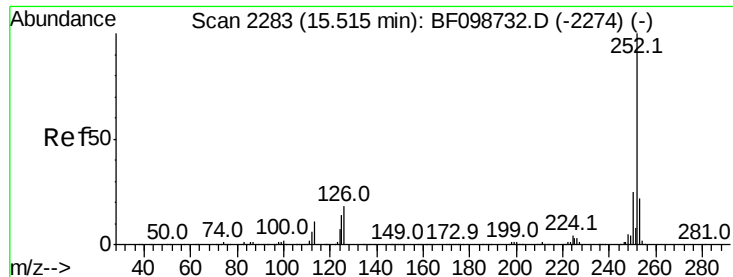
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.652 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Instrument :

BNA_F

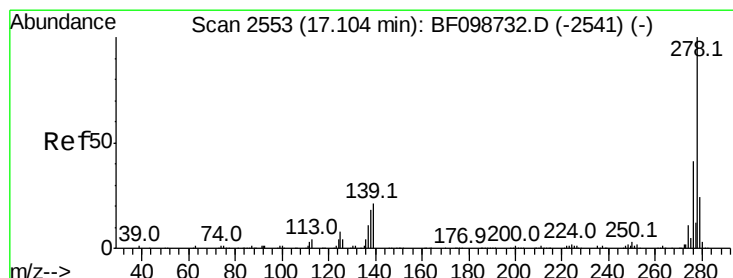
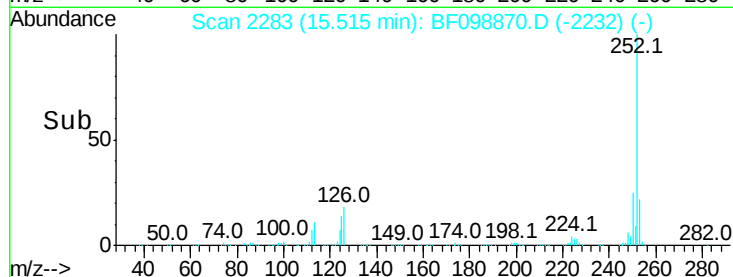
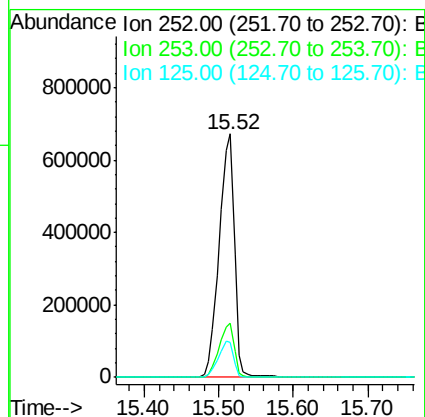
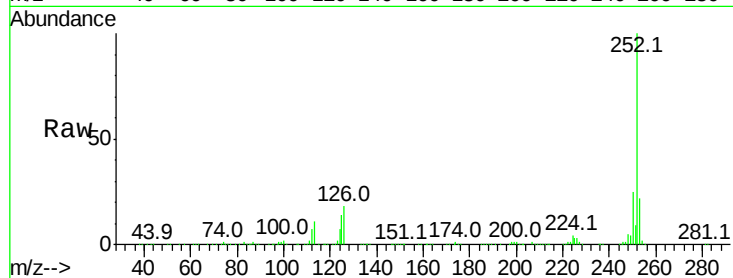
ClientSampleId :

PB102662BS

Tot Ion:	252	Resp:	950798
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	14.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/28/2017 2:32:19 PM



#90

Dibenzo(a,h)anthracene

Concen: 42.615 ng

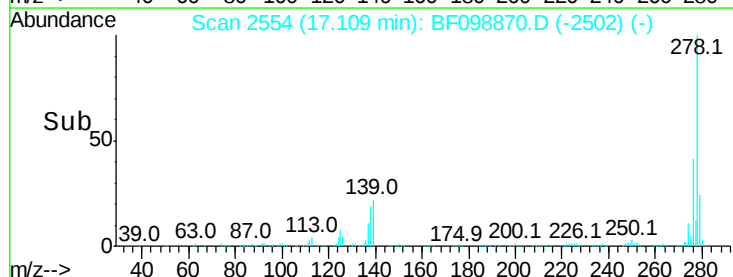
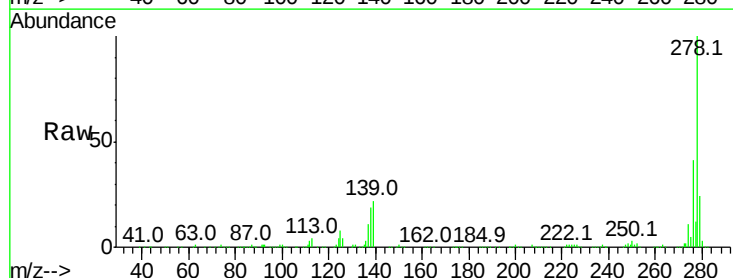
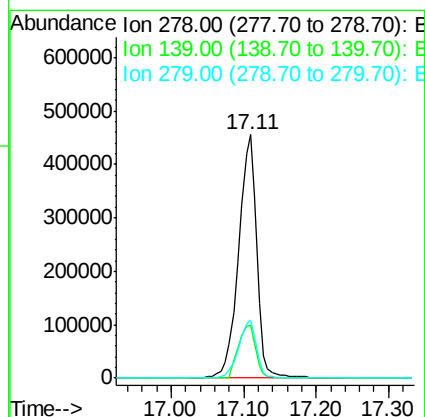
RT: 17.11 min Scan# 2554

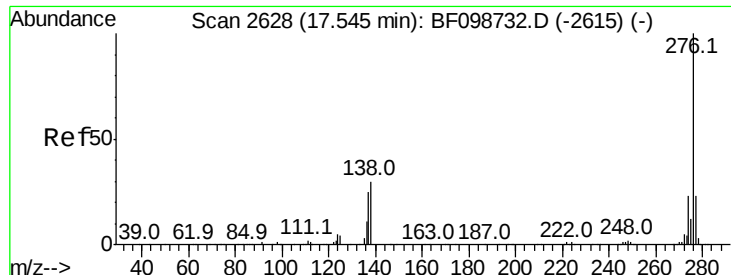
Delta R.T. 0.01 min

Lab File: BF098870.D

Acq: 27 Sep 2017 18:41

Tgt Ion:	278	Resp:	797662
Ion Ratio	Lower	Upper	
278	100		
139	21.9	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.740 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF098870.D
 Acq: 27 Sep 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	30.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:19 PM

