

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098914.D
 Acq On : 28 Sep 2017 18:42
 Operator : SJ/JU
 Sample : PB102707BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Manual Integrations
 APPROVED

Sohil
 9/29/2017 6:04:23 PM

Quant Time: Sep 29 01:43:13 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	109915	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	469498	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	217700	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	391367	20.00	ng	0.00
75) Chrysene-d12	14.09	240	282790	20.00	ng	0.00
86) Perylene-d12	15.57	264	237252	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	798158	115.60	ng	0.00
7) Phenol-d6	6.55	99	964649	113.25	ng	0.00
23) Nitrobenzene-d5	7.48	82	585659	80.00	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	203641	114.32	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1074129	82.37	ng	0.00
78) Terphenyl-d14	13.03	244	996075	80.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.76	88	101024	30.629	ng	99
3) Pyridine	3.55	79	289643	32.462	ng	99
4) n-Nitrosodimethylamine	3.49	42	142670	37.708	ng	96
6) Aniline	6.58	93	338614	29.455	ng	99
8) 2-Chlorophenol	6.70	128	292744	37.439	ng	97
9) Benzaldehyde	6.47	77	66536	13.466	ng	96
10) Phenol	6.56	94	374394	39.302	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	280995	37.944	ng	99
12) 1,3-Dichlorobenzene	6.86	146	299262	36.545	ng	99
13) 1,4-Dichlorobenzene	6.93	146	307480	36.905	ng	99
14) 1,2-Dichlorobenzene	7.09	146	286827	37.258	ng	100
15) Benzyl Alcohol	7.06	79	253891	40.632	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	442484	38.350	ng	99
17) 2-Methylphenol	7.16	107	246742	38.566	ng	99
18) Hexachloroethane	7.43	117	112337	37.511	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	198771	36.551	ng	99
20) 3+4-Methylphenols	7.32	107	308281	38.089	ng	# 85
22) Acetophenone	7.32	105	395222	34.744	ng	# 97
24) Nitrobenzene	7.50	77	309656	37.287	ng	99
25) Isophorone	7.73	82	553724	36.583	ng	98
26) 2-Nitrophenol	7.82	139	160251	40.127	ng	90
27) 2,4-Dimethylphenol	7.85	122	271000	35.933	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	351672	37.282	ng	99
29) 2,4-Dichlorophenol	8.05	162	241591	37.310	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	239246	36.942	ng	98
31) Naphthalene	8.22	128	825476	37.436	ng	100
32) Benzoic acid	7.96	122	180889	29.199	ng	99
33) 4-Chloroaniline	8.26	127	245571	26.668	ng	99
34) Hexachlorobutadiene	8.33	225	122162	36.622	ng	98
35) Caprolactam	8.63	113	83377m	40.141	ng	
36) 4-Chloro-3-methylphenol	8.75	107	270811	37.209	ng	99
37) 2-Methylnaphthalene	8.91	142	570723	39.814	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	216060	33.279	ng	98
40) Hexachlorocyclopentadiene	9.06	237	236297	79.641	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098914.D
 Acq On : 28 Sep 2017 18:42
 Operator : SJ/JU
 Sample : PB102707BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

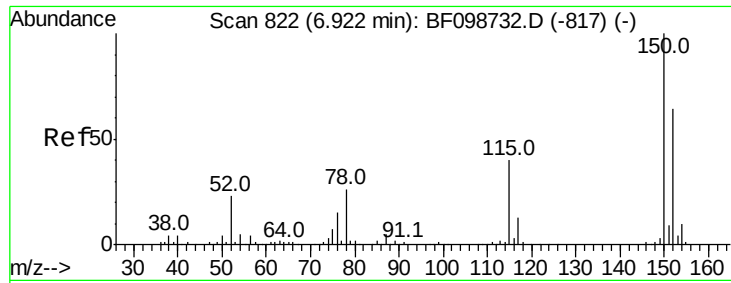
Manual Integrations
 APPROVED

Sohil
 9/29/2017 6:04:23 PM

Quant Time: Sep 29 01:43:13 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	167767	36.476	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	175157	38.149	nq	97
45) 1,1'-Biphenyl	9.37	154	658477	35.194	nq	99
46) 2-Chloronaphthalene	9.40	162	517999	36.874	nq	97
47) 2-Nitroaniline	9.50	65	172086	40.006	nq	97
48) Acenaphthylene	9.82	152	798065	37.111	nq	99
49) Dimethylphthalate	9.67	163	623047	37.919	nq	99
50) 2,6-Dinitrotoluene	9.74	165	138805	38.804	nq	89
51) Acenaphthene	9.99	154	550860	40.438	nq	99
52) 3-Nitroaniline	9.90	138	126549	30.341	nq	99
53) 2,4-Dinitrophenol	10.02	184	118740	64.941	nq	93
54) Dibenzofuran	10.16	168	727130	40.090	nq	99
55) 4-Nitrophenol	10.07	139	262873	74.536	nq	90
56) 2,4-Dinitrotoluene	10.14	165	189768	40.877	nq	99
57) Fluorene	10.50	166	563785	38.673	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	133287	42.024	nq	97
59) Diethylphthalate	10.37	149	629801	39.227	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	251489	38.404	nq	98
61) 4-Nitroaniline	10.52	138	158781	39.459	nq	95
62) Azobenzene	10.66	77	612184	41.469	nq	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	86671	36.398	nq	83
65) n-Nitrosodiphenylamine	10.62	169	506087	37.327	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	143060	37.344	nq	94
67) Hexachlorobenzene	11.05	284	146942	35.914	nq	96
68) Atrazine	11.14	200	160549	39.358	nq	99
69) Pentachlorophenol	11.24	266	164522	64.610	nq	99
70) Phenanthrene	11.47	178	820850	39.184	nq	99
71) Anthracene	11.52	178	850562	39.682	nq	99
72) Carbazole	11.67	167	798340	38.034	nq	99
73) Di-n-butylphthalate	12.00	149	1012988	40.094	nq	99
74) Fluoranthene	12.66	202	857606	40.428	nq	99
76) Benzidine	12.77	184	308896	29.533	nq	97
77) Pyrene	12.89	202	878121	40.722	nq	100
79) Butylbenzylphthalate	13.50	149	434367	42.860	nq	94
80) Benzo(a)anthracene	14.07	228	688081	40.183	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	204498	32.577	nq	99
82) Chrysene	14.12	228	640725	39.302	nq	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	580813	41.622	nq	100
84) Di-n-octyl phthalate	14.66	149	918292	40.868	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	551106	42.259	nq	96
87) Benzo(b)fluoranthene	15.13	252	576827m	39.543	nq	
88) Benzo(k)fluoranthene	15.17	252	542614	37.661	nq	99
89) Benzo(a)pyrene	15.52	252	526122	39.292	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	462079	43.121	nq	98
91) Benzo(g,h,i)perylene	17.55	276	464261	43.829	nq	96

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



#1

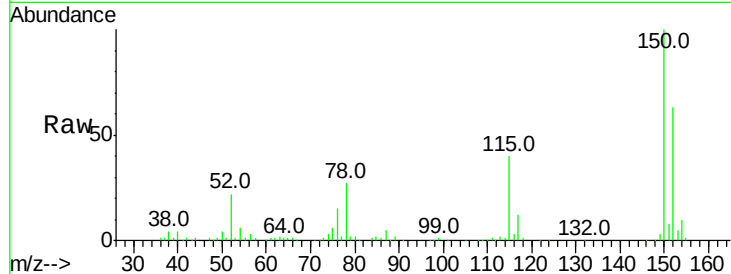
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.3	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM

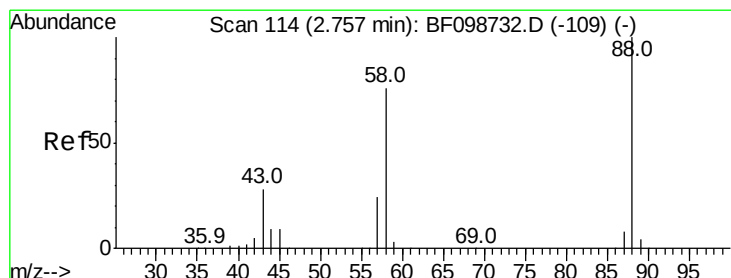
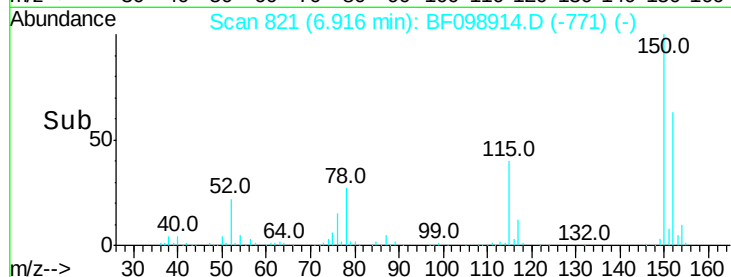
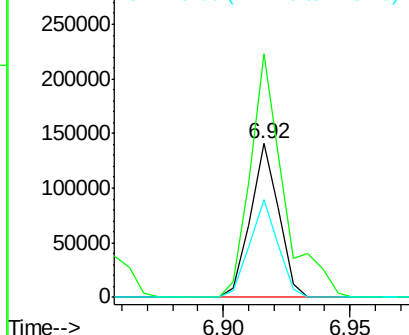


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

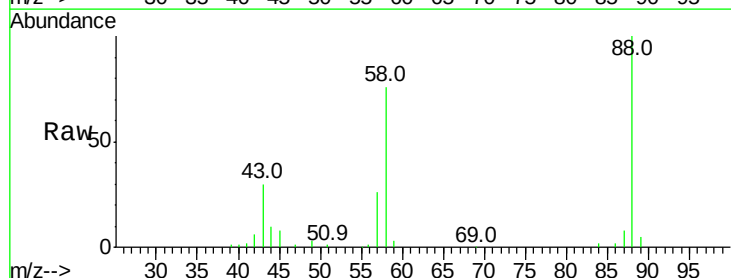
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.629 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.6	93.8
43	29.7	24.6	37.0

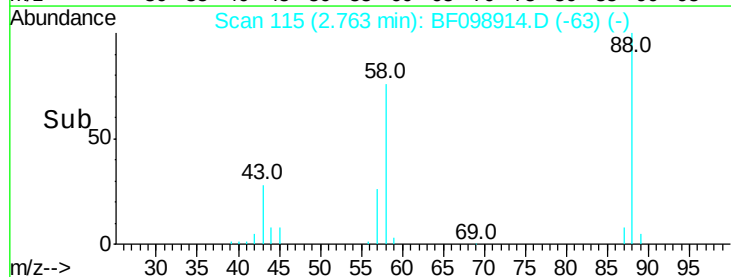
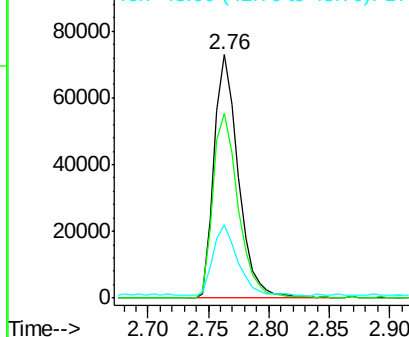


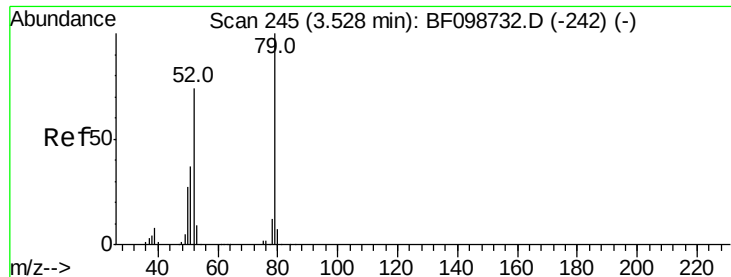
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





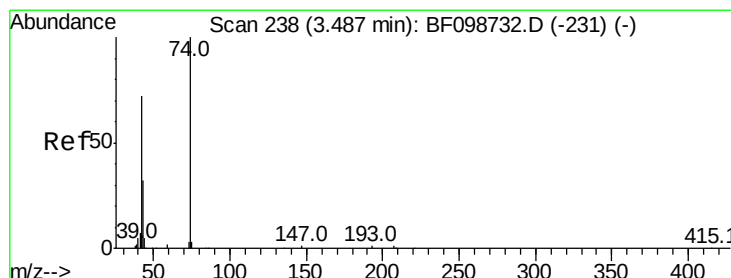
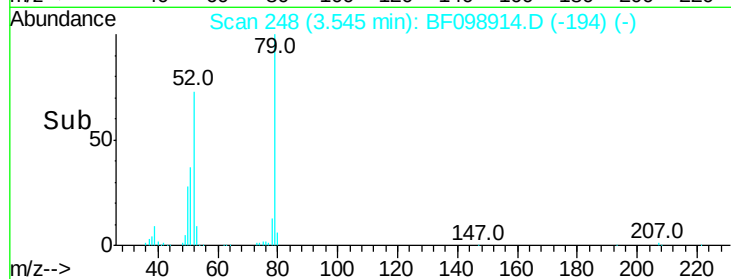
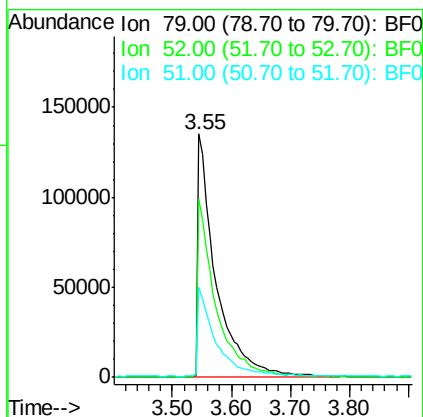
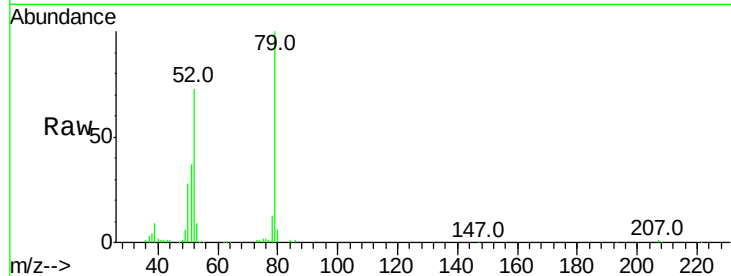
#3
 Pvrindine
 Concen: 32.462 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.02 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.2	59.8	89.6
51	37.2	29.8	44.8

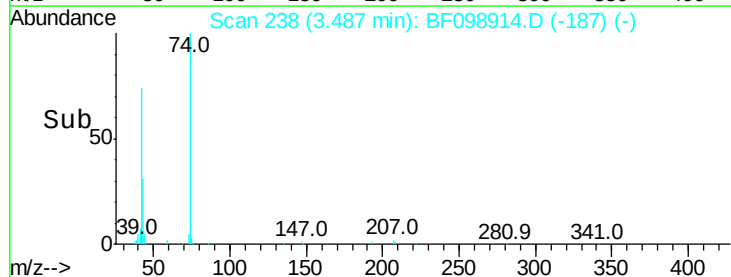
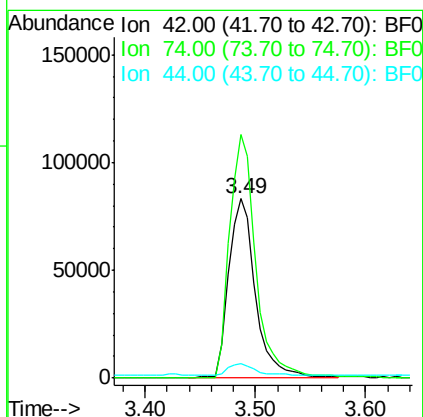
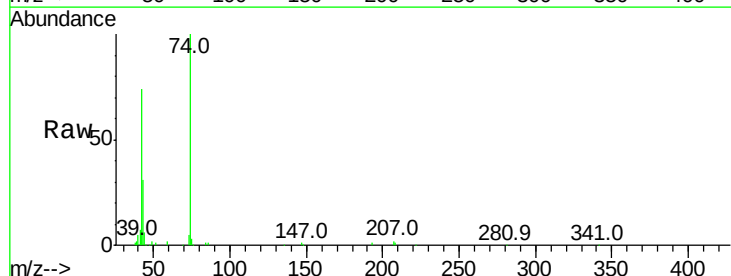
Manual Integrations
 APPROVED

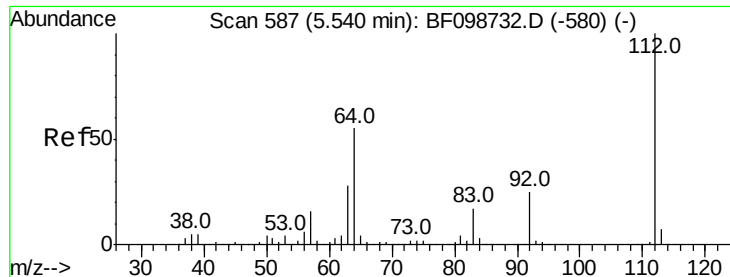
Sohil
 9/29/2017 6:04:23 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.708 ng
 RT: 3.49 min Scan# 238
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.8	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 115.597 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

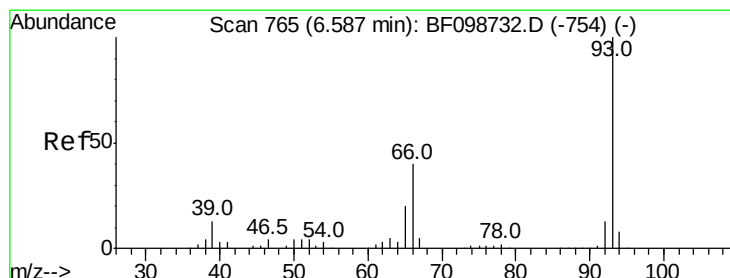
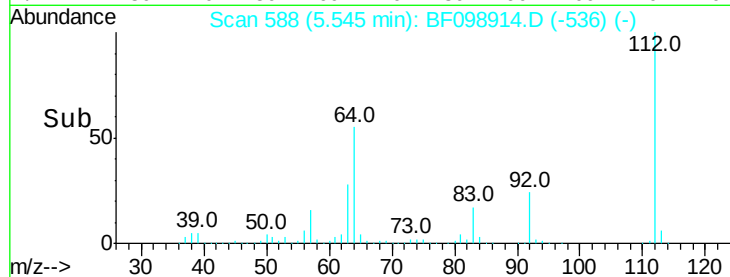
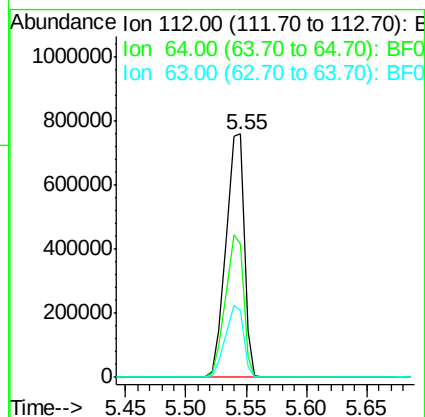
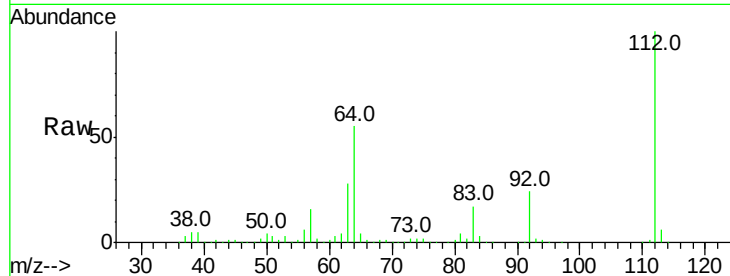
ClientSampled :

PB102707BS

Tot Ion:	112	Resp:	798158
Ion Ratio		Lower	Upper
112	100		
64	54.7	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



#6

Aniline

Concen: 29.455 ng

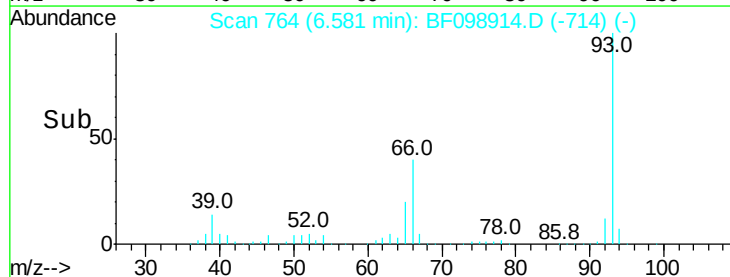
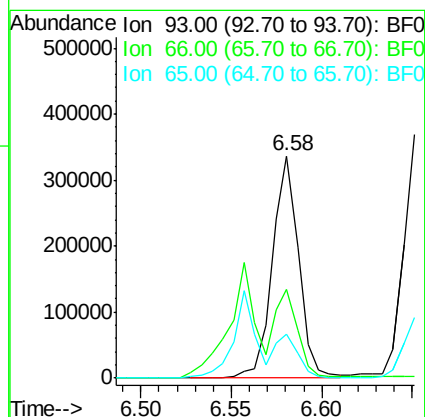
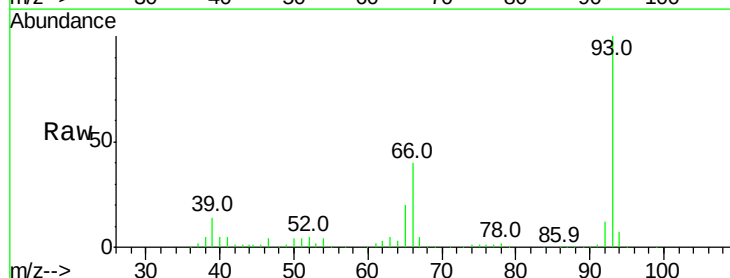
RT: 6.58 min Scan# 764

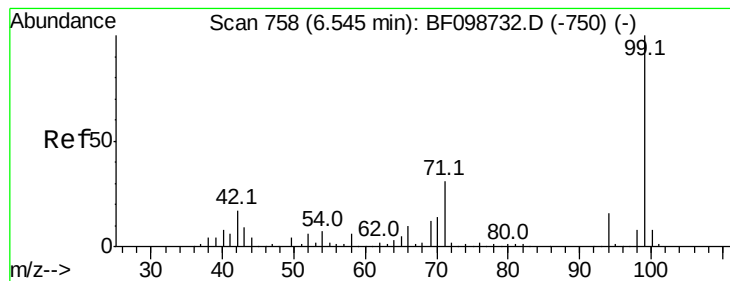
Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	93	Resp:	338614
Ion Ratio		Lower	Upper
93	100		
66	39.9	32.2	48.2
65	19.8	16.4	24.6





#7

Phenol-d6

Concen: 113.253 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

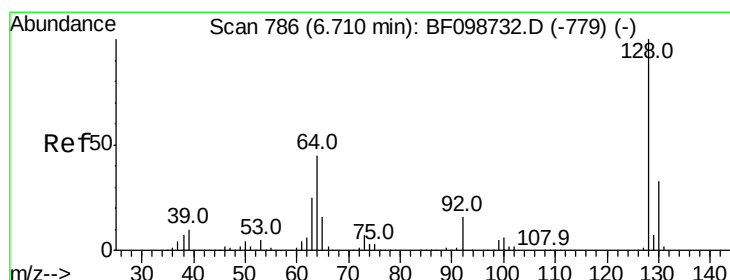
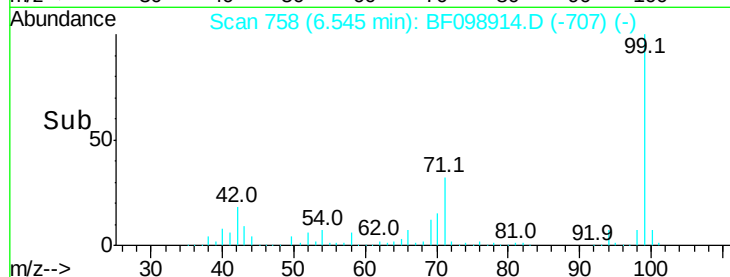
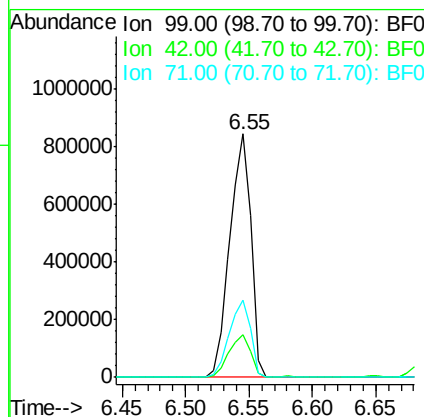
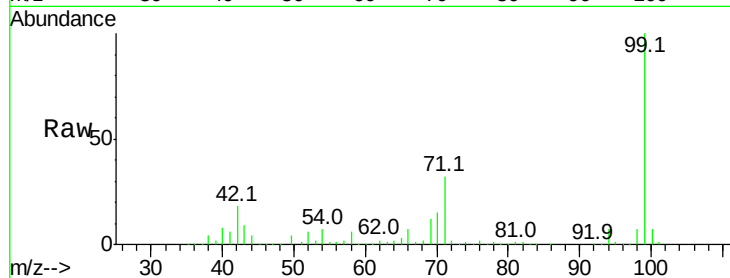
ClientSampleId :

PB102707BS

Tot Ion:	99	Resp:	964649
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.5	21.7
71	31.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



#8

2-Chlorophenol

Concen: 37.439 ng

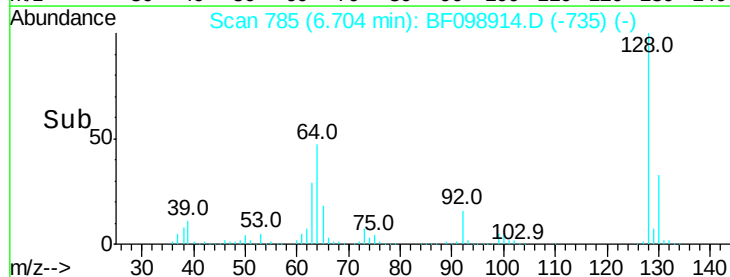
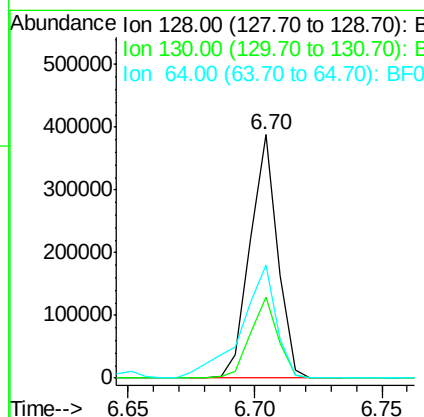
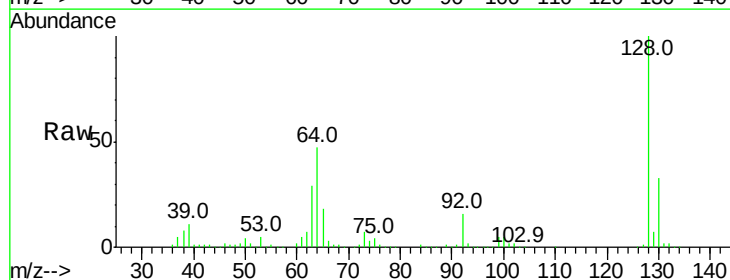
RT: 6.70 min Scan# 785

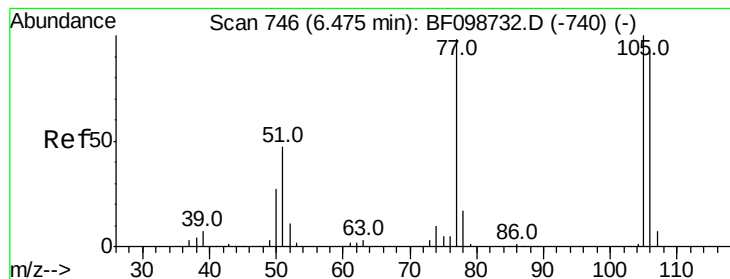
Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	128	Resp:	292744
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.0	53.0
64	46.6	29.4	69.4





#9

Benzaldehyde

Concen: 13.466 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

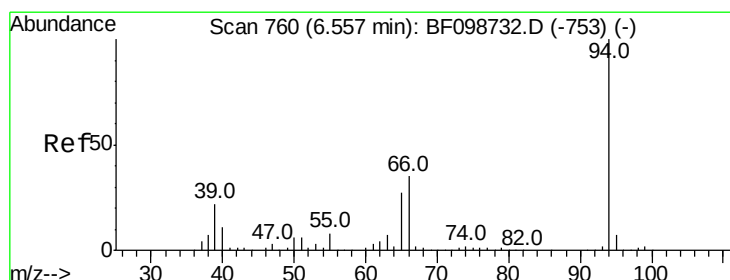
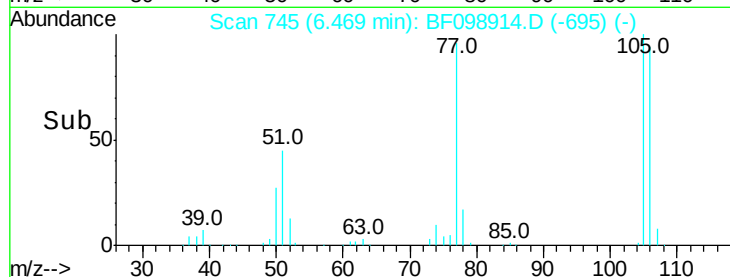
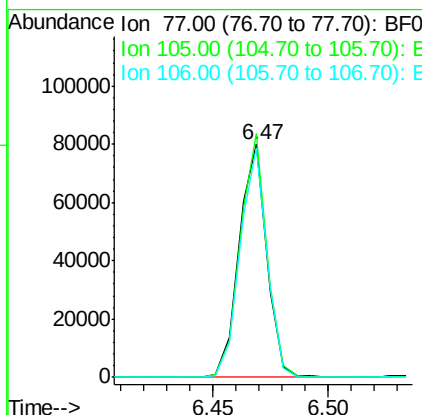
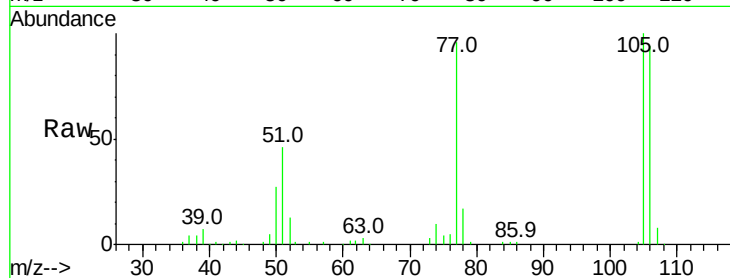
ClientSampled :

PB102707BS

Tot Ion:	77	Resp:	66536
Ion	Ratio	Lower	Upper
77	100		
105	104.5	81.1	121.1
106	98.7	74.5	114.5

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



#10

Phenol

Concen: 39.302 ng

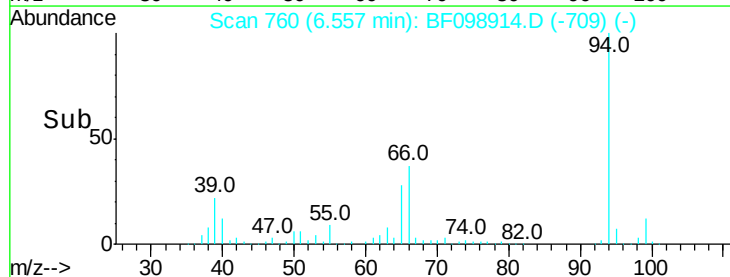
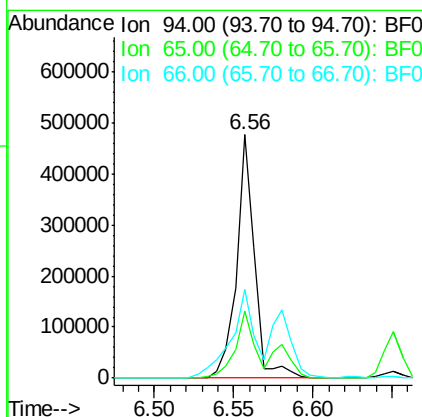
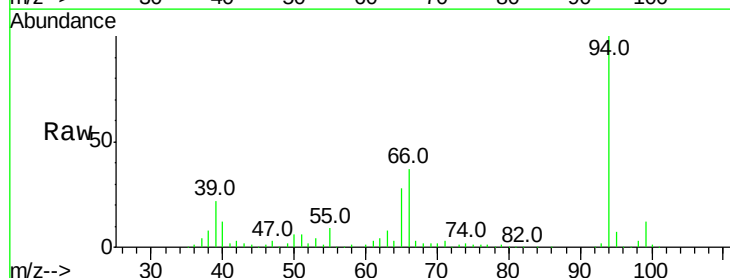
RT: 6.56 min Scan# 760

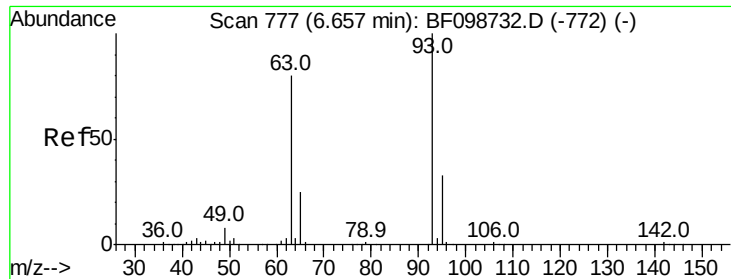
Delta R.T. -0.00 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	94	Resp:	374394
Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	36.6	16.2	56.2





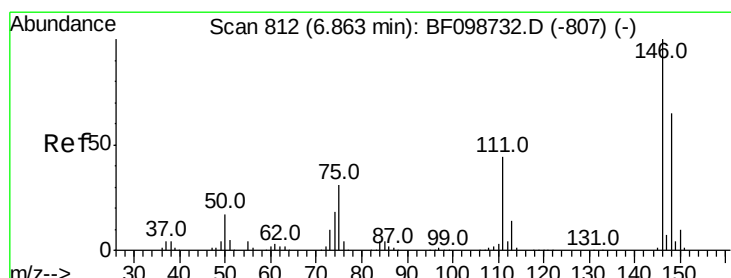
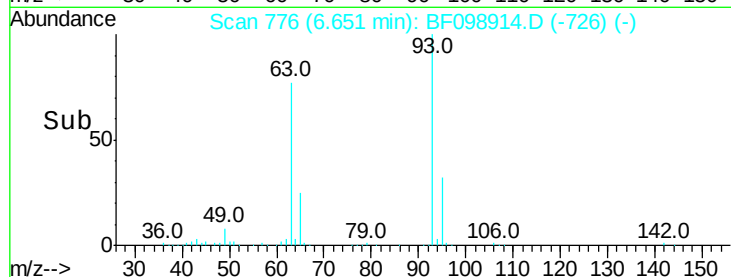
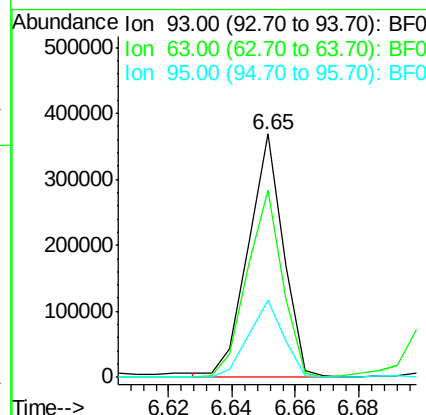
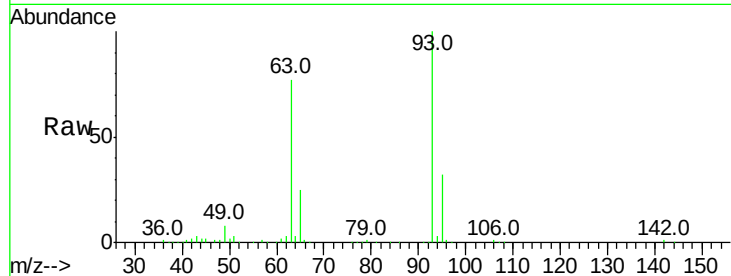
#11
bis(2-Chloroethyl)ether
Concen: 37.944 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	280995		
63	77.1	58.6	98.6	
95	31.7	11.8	51.8	

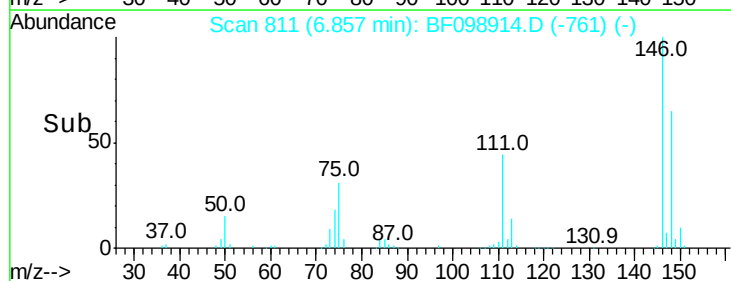
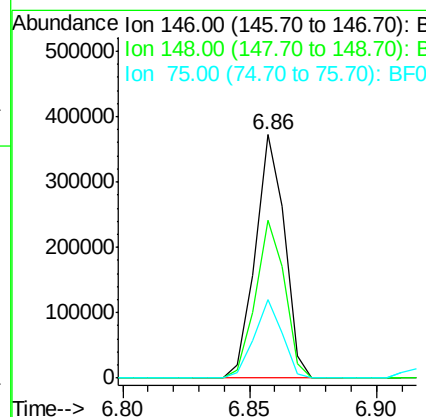
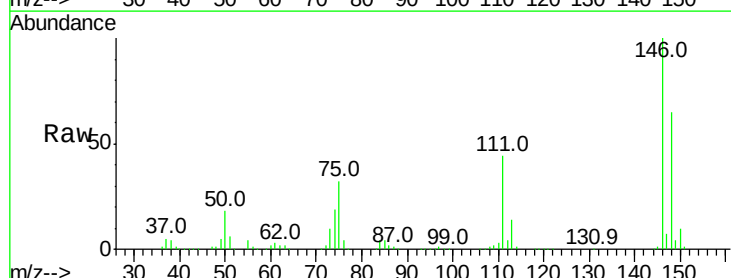
Manual Integrations
APPROVED

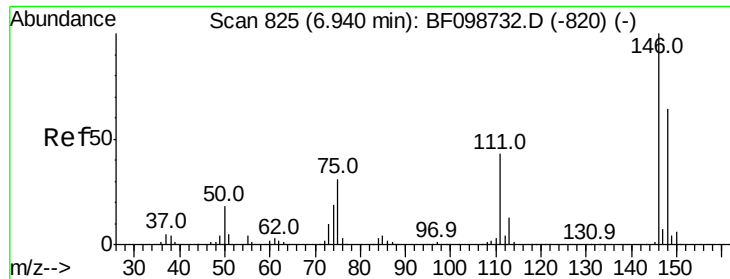
Sohil
9/29/2017 6:04:23 PM



#12
1,3-Dichlorobenzene
Concen: 36.545 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	299262		
148	64.9	51.8	77.8	
75	32.1	24.2	36.4	





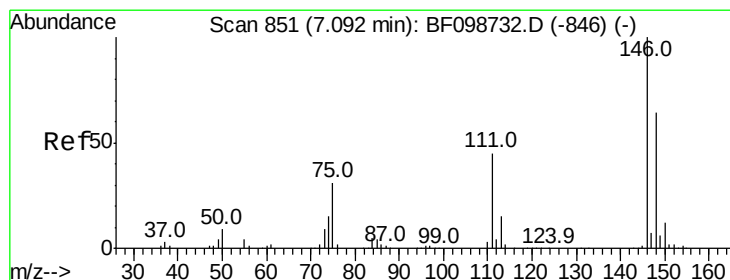
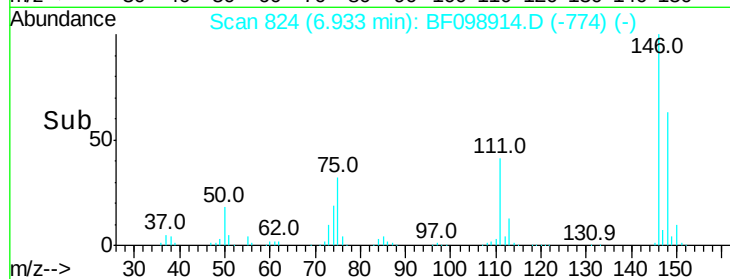
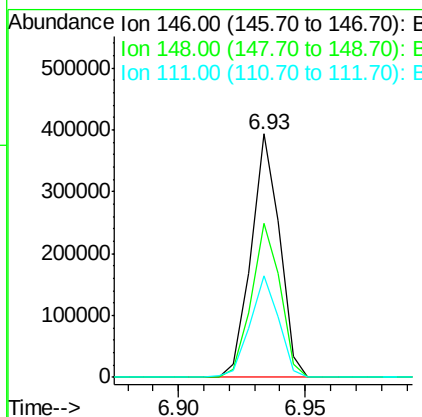
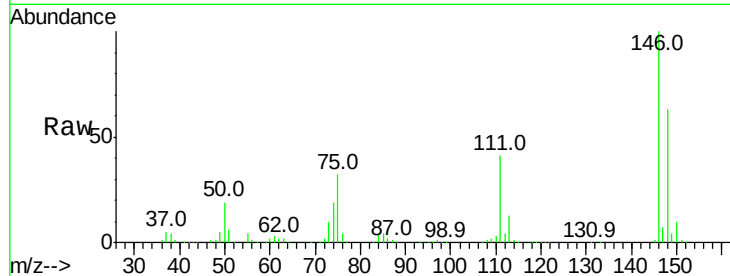
#13
 1,4-Dichlorobenzene
 Concen: 36.905 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampled :
 PB102707BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	41.4	34.2	51.2

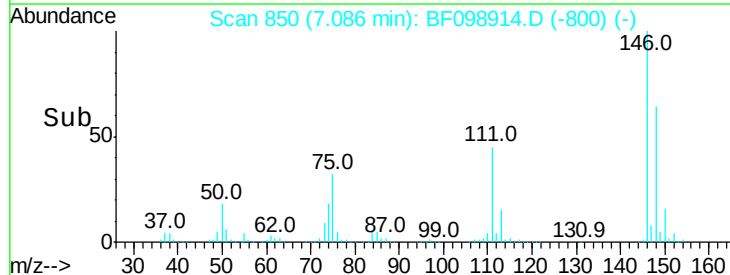
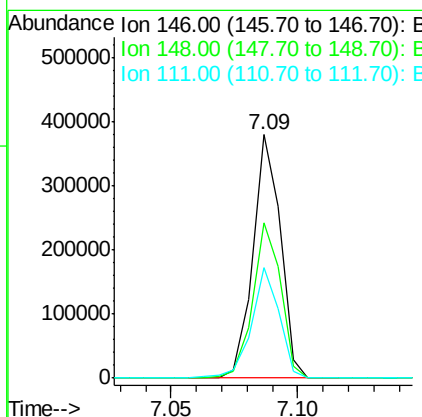
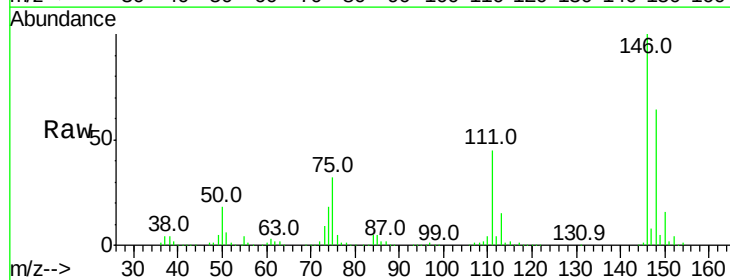
Manual Integrations
 APPROVED

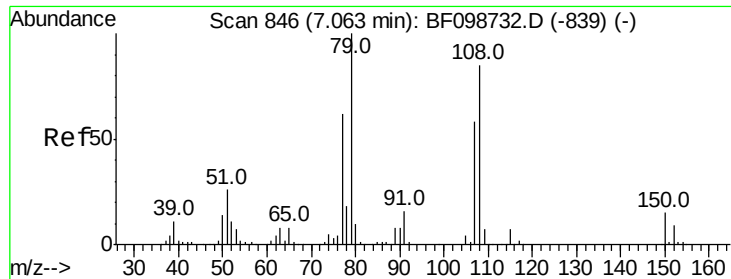
Sohil
 9/29/2017 6:04:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.258 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	45.3	36.0	54.0





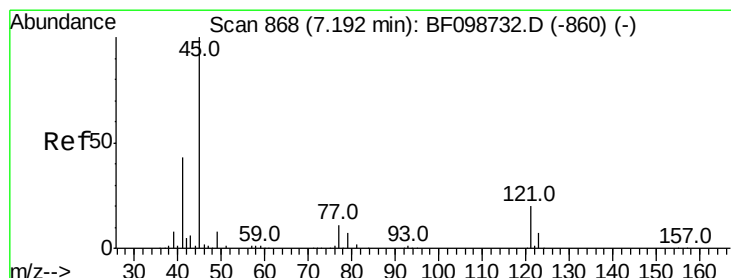
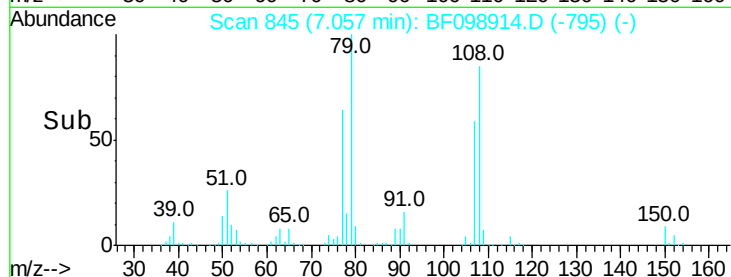
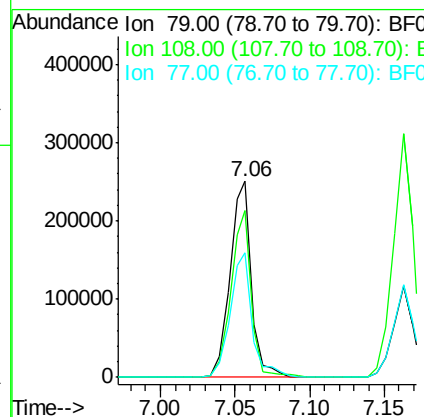
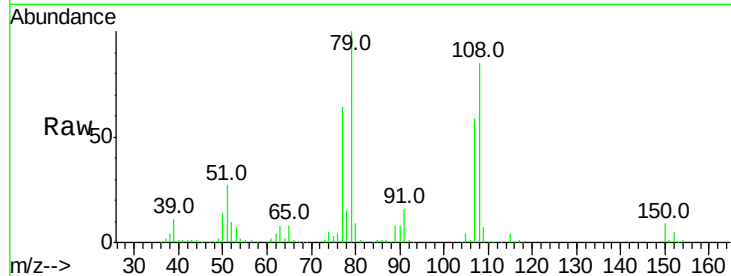
#15
Benzyl Alcohol
Concen: 40.632 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion:	79	Resp:	253891
Ion Ratio	Lower	Upper	
79	100		
108	85.3	65.1	97.7
77	63.8	50.6	75.8

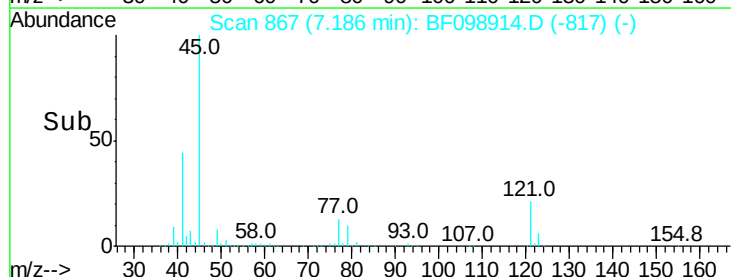
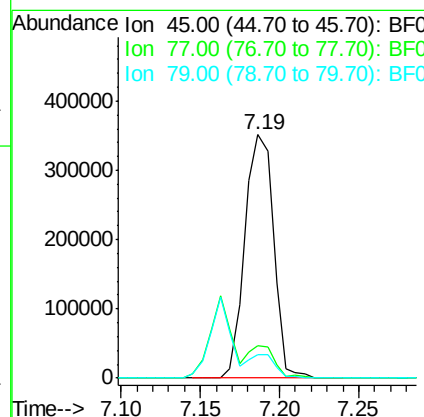
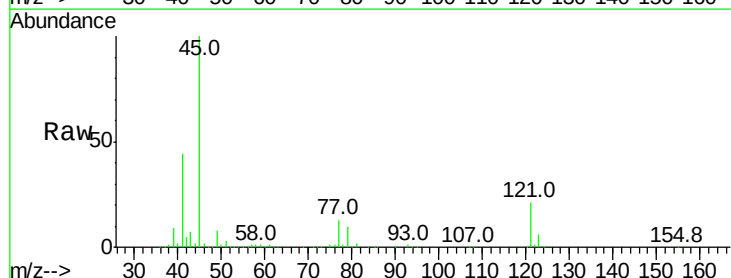
Manual Integrations
APPROVED

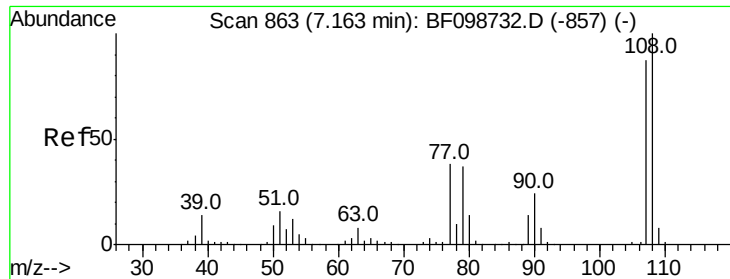
Sohil
9/29/2017 6:04:23 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.350 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion:	45	Resp:	442484
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	32.9
79	9.8	0.0	29.6





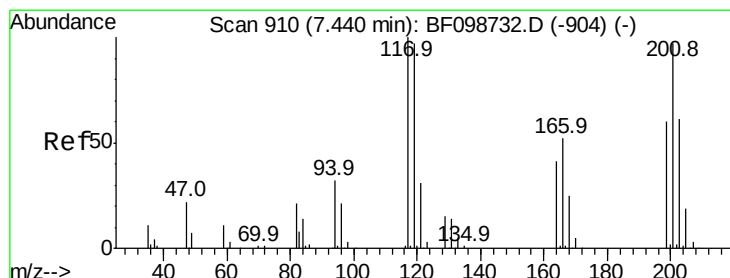
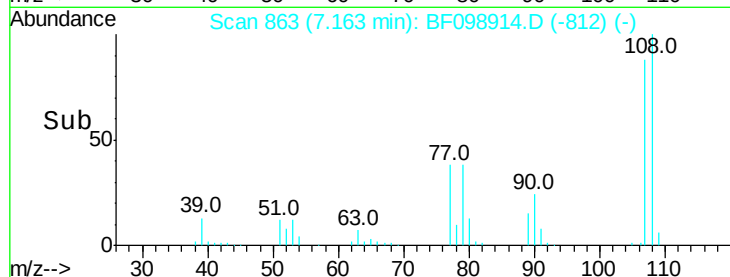
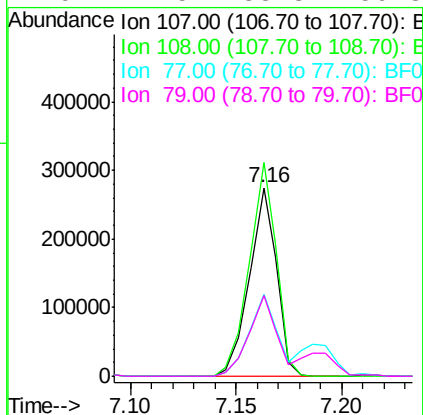
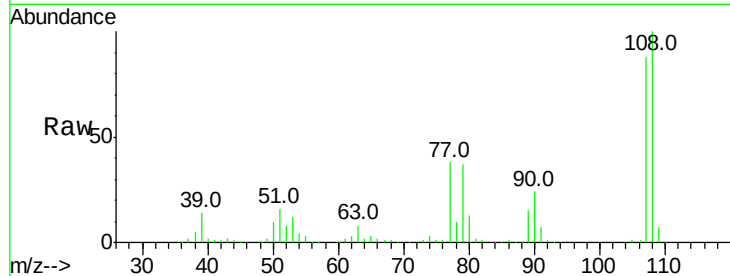
#17
2-Methylphenol
Concen: 38.566 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	107	Resp	246742
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.7	137.5
77	43.2	33.8	50.8
79	42.5	33.8	50.8

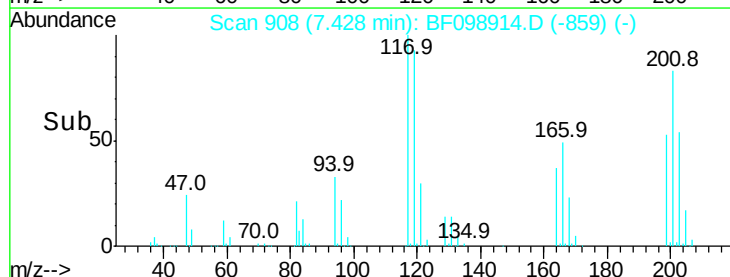
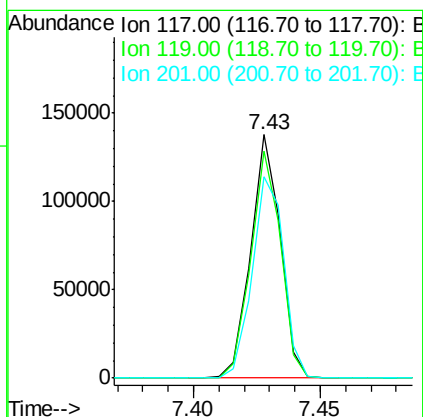
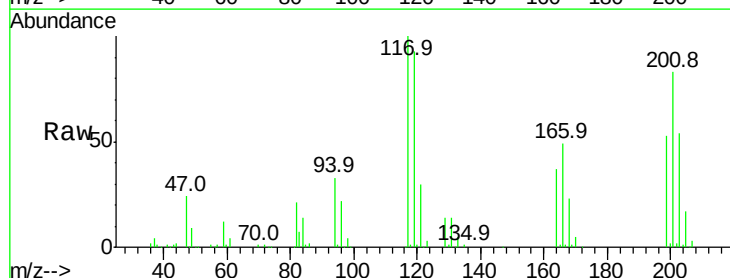
Manual Integrations
APPROVED

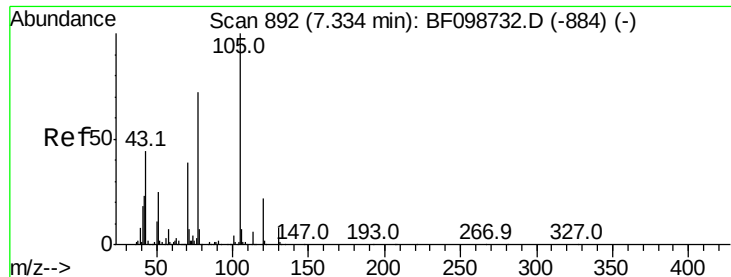
Sohil
9/29/2017 6:04:23 PM



#18
Hexachloroethane
Concen: 37.511 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	117	Resp	112337
Ion Ratio	Lower	Upper	
117	100		
119	93.4	75.8	113.8
201	82.6	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.551 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

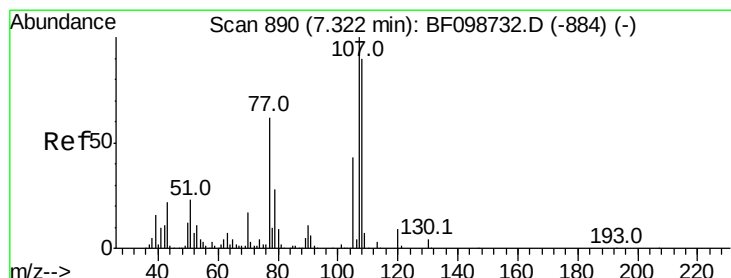
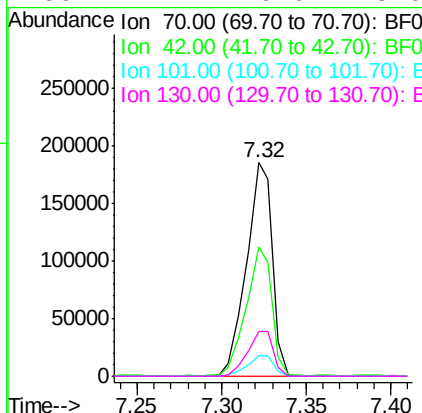
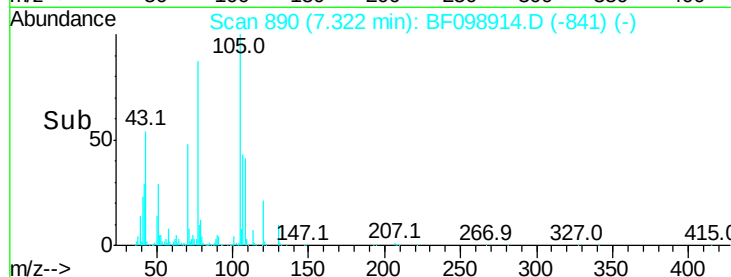
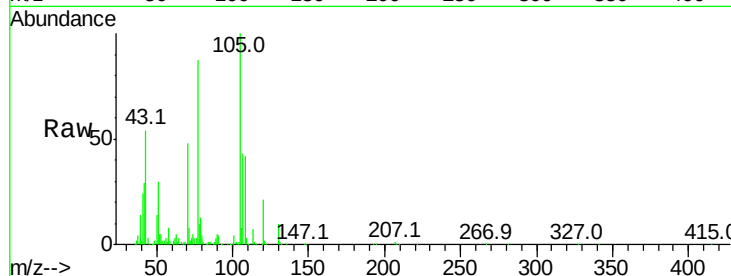
ClientSampleId :

PB102707BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.5	47.5	71.3	
101	9.3	7.4	11.2	
130	21.2	16.6	25.0	

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



#20

3+4-Methylphenols

Concen: 38.089 ng

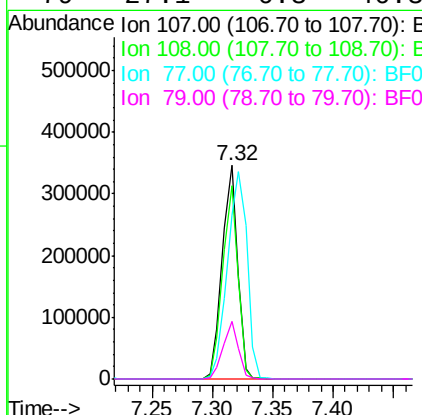
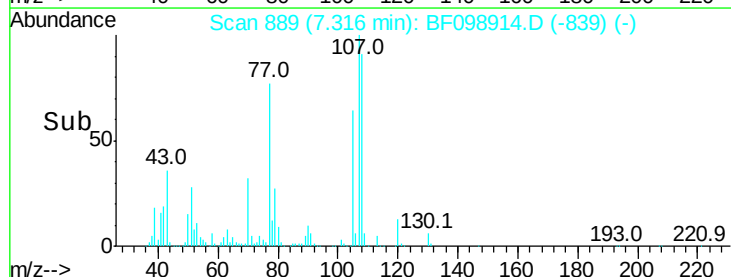
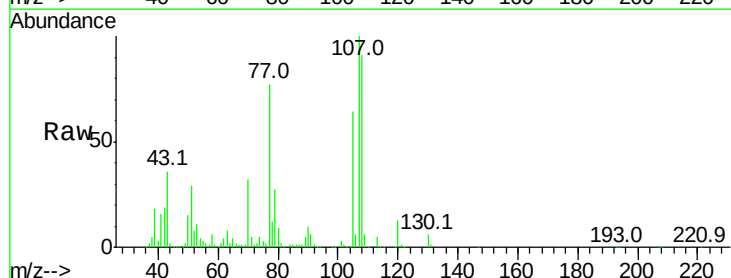
RT: 7.32 min Scan# 889

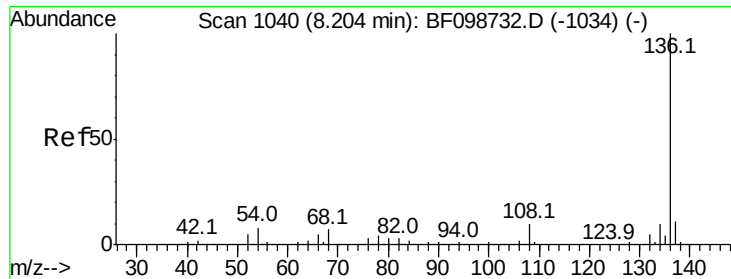
Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	68.2	108.2	
77	76.8	26.7	66.7	
79	27.1	6.3	46.3	





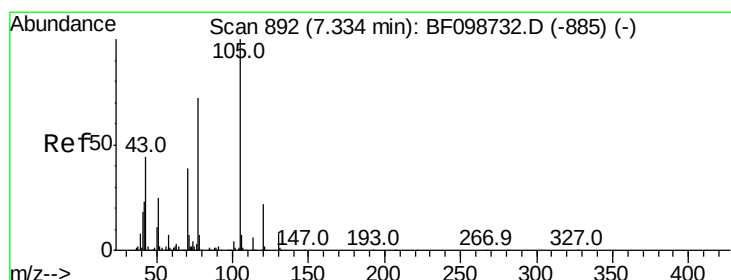
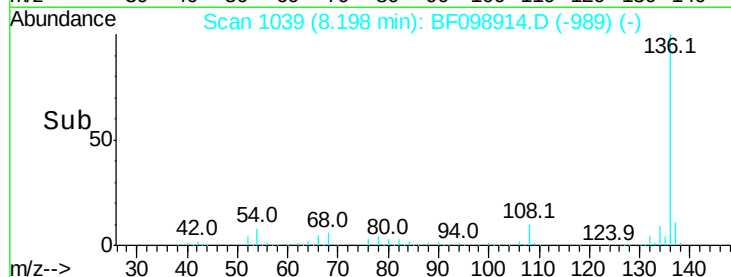
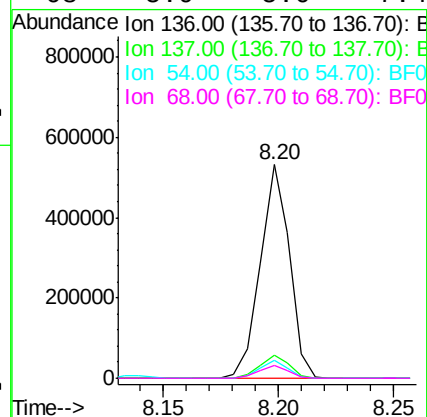
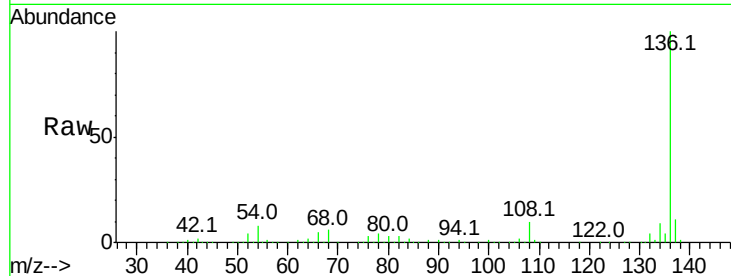
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	469498		
137	11.1	8.9	13.3	
54	8.2	6.6	9.8	
68	5.9	5.0	7.4	

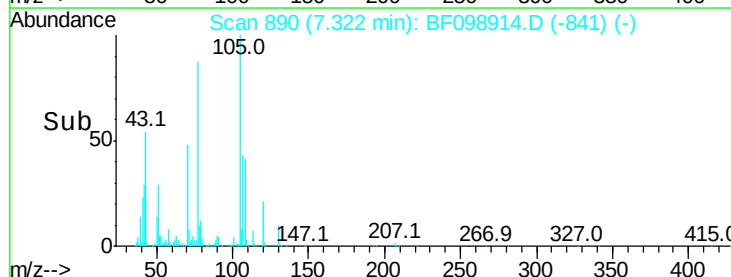
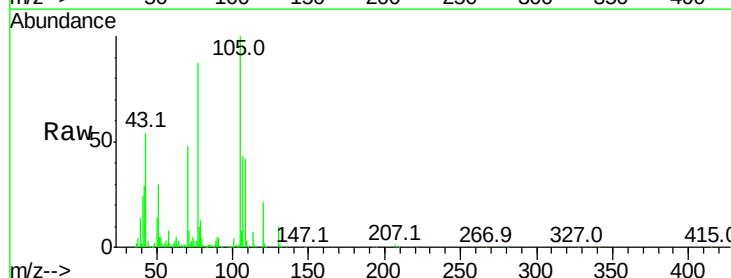
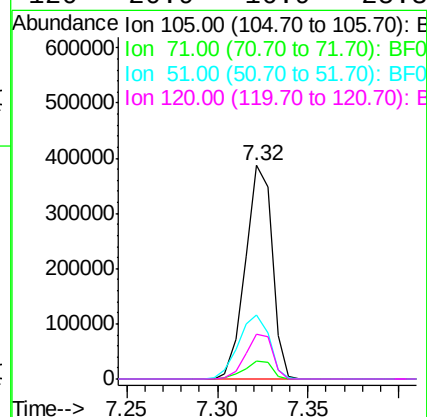
Manual Integrations
APPROVED

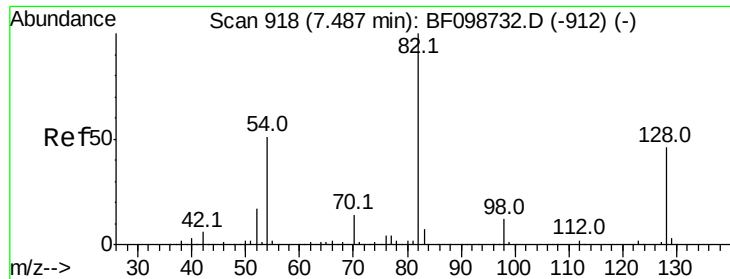
Sohil
9/29/2017 6:04:23 PM



#22
Acetophenone
Concen: 34.744 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395222		
71	8.4	4.4	6.6#	
51	29.8	22.3	33.5	
120	20.9	16.9	25.3	





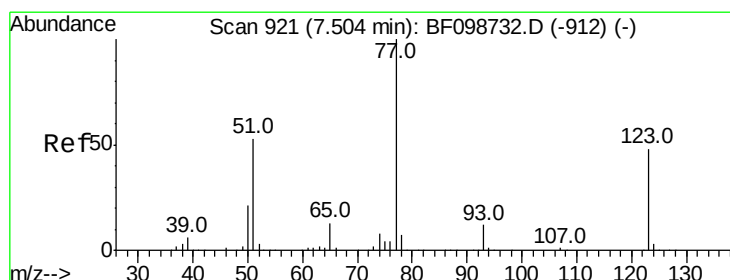
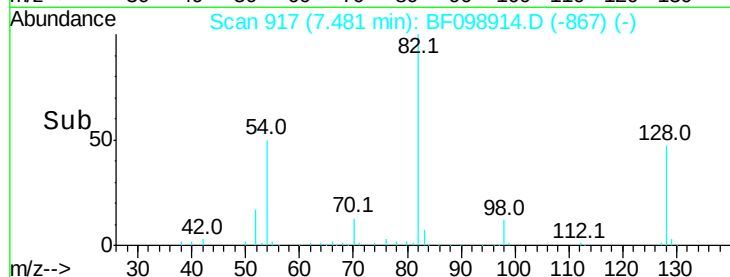
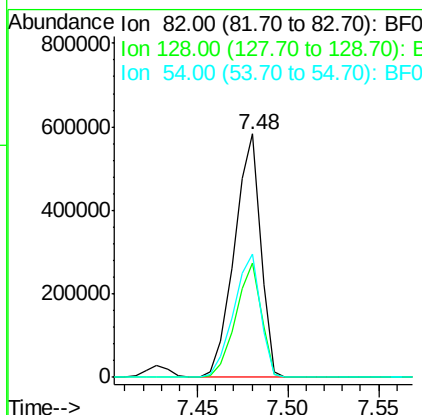
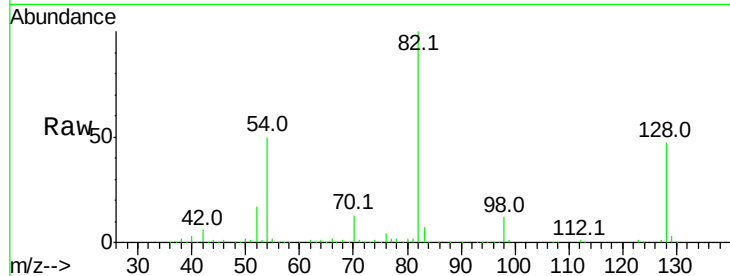
#23
Nitrobenzene-d5
Concen: 79.997 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	36.1	54.1	
54	50.5	41.4	62.2	

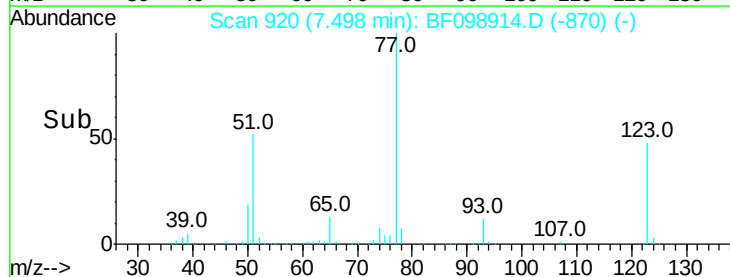
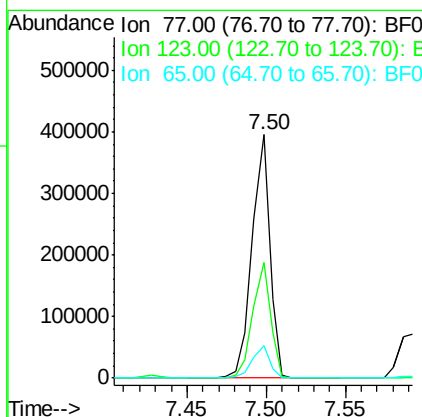
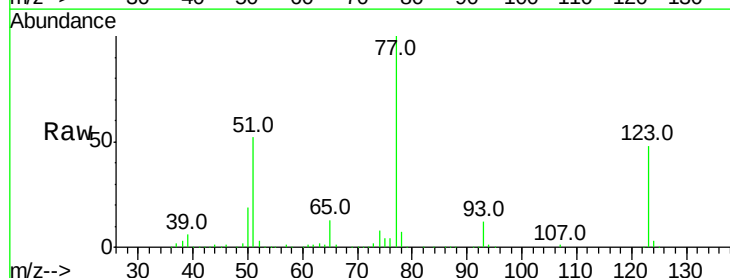
Manual Integrations
APPROVED

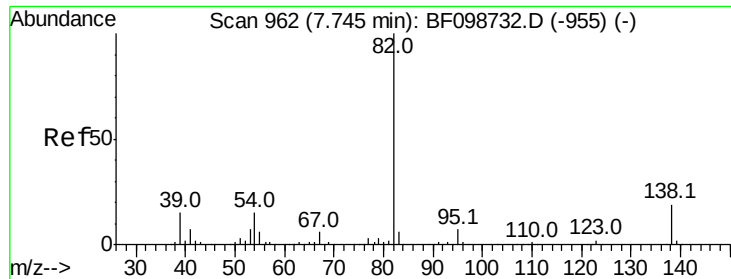
Sohil
9/29/2017 6:04:23 PM



#24
Nitrobenzene
Concen: 37.287 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.6	37.9	56.9	
65	13.2	11.0	16.4	





#25

Isophorone

Concen: 36.583 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

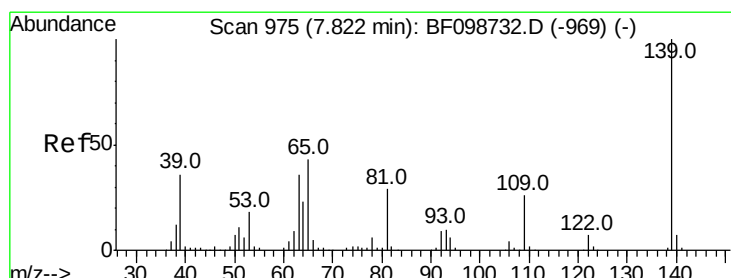
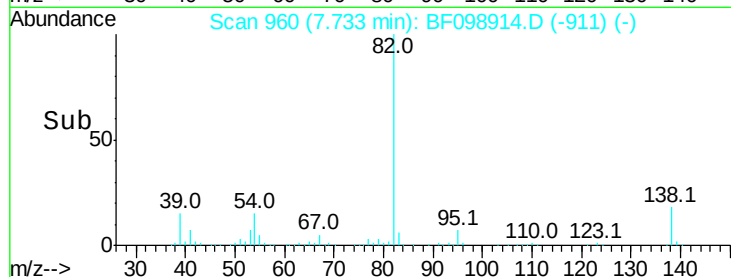
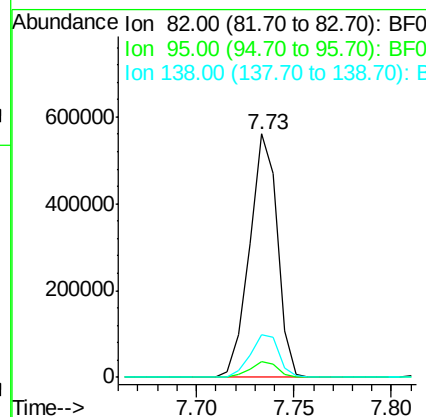
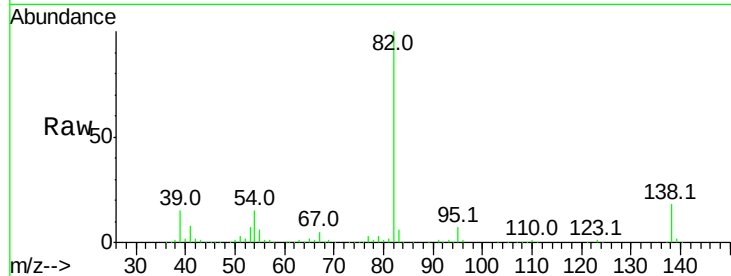
ClientSampleId :

PB102707BS

Tot Ion:	82	Resp:	553724
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.7	14.9	22.3

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



#26

2-Nitrophenol

Concen: 40.127 ng

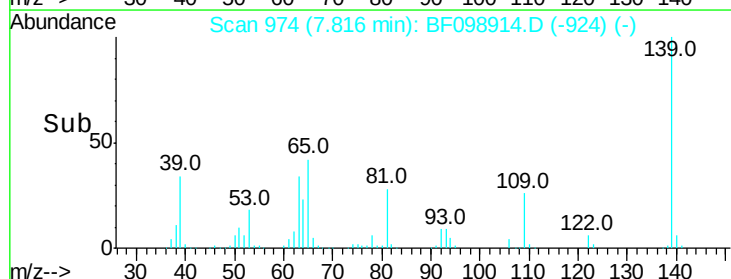
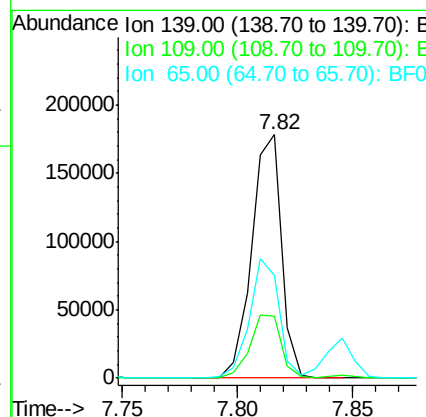
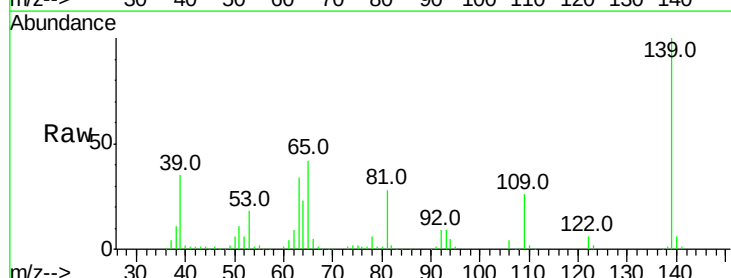
RT: 7.82 min Scan# 974

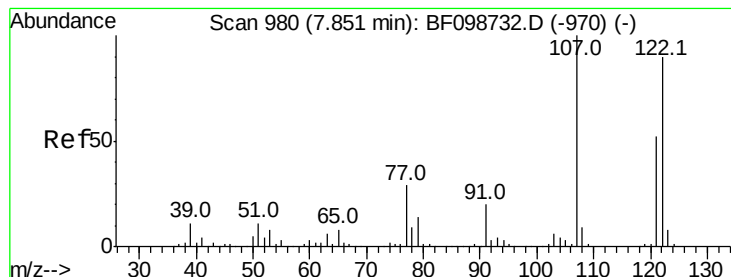
Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	139	Resp:	160251
Ion Ratio	Lower	Upper	
139	100		
109	25.6	22.7	34.1
65	42.0	40.5	60.7





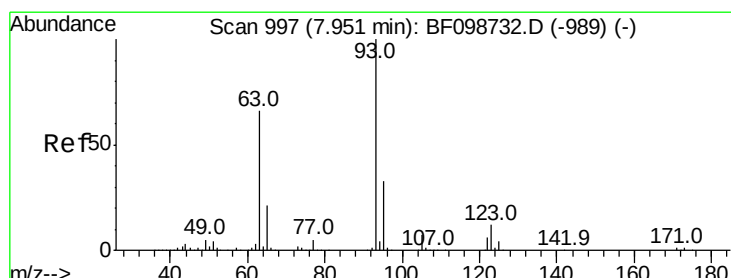
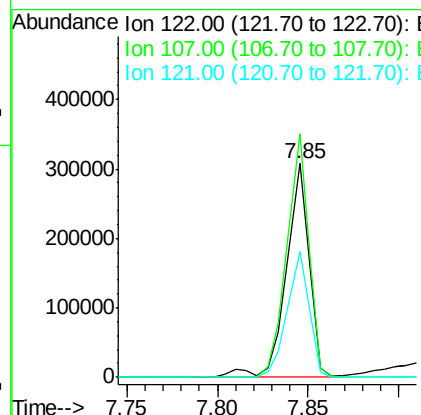
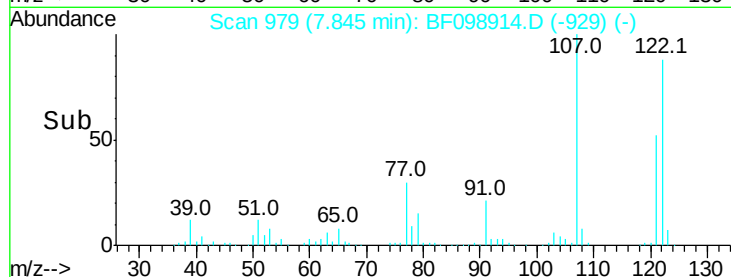
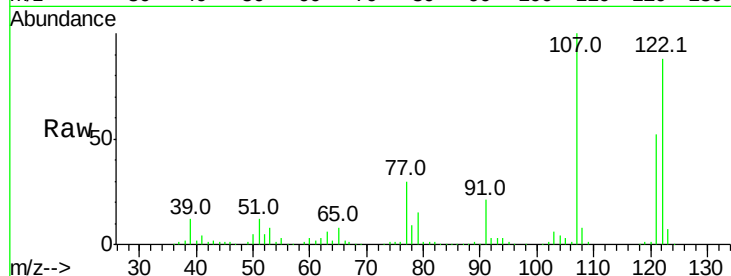
#27
 2,4-Dimethylphenol
 Concen: 35.933 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion:	122	Resp:	271000
Ion Ratio	Lower	Upper	
122	100		
107	114.0	91.2	136.8
121	58.8	47.2	70.8

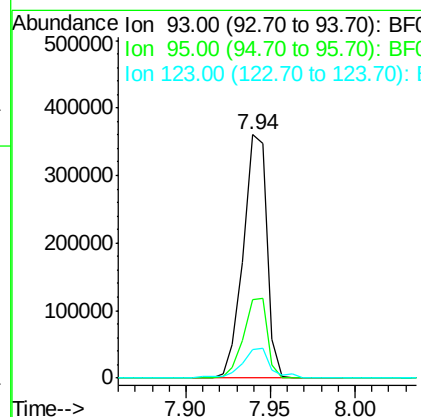
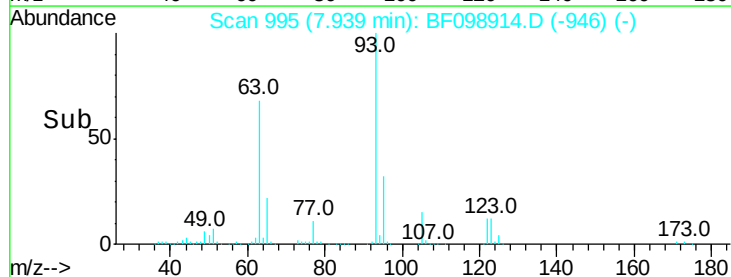
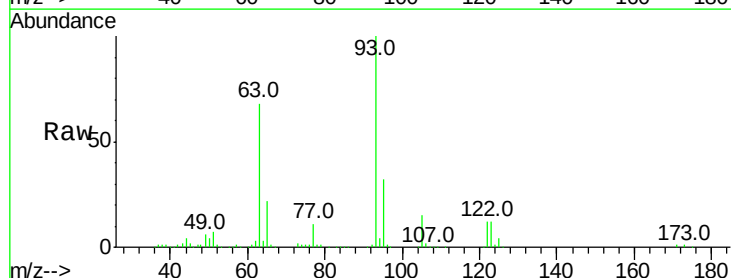
Manual Integrations
 APPROVED

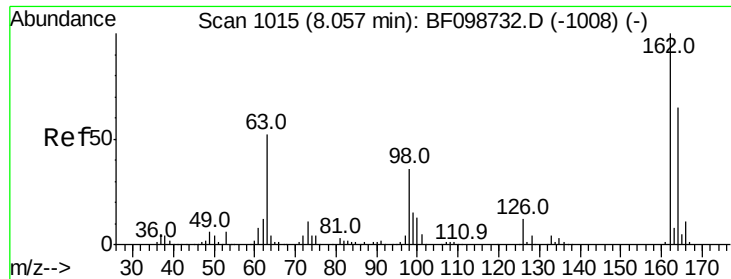
Sohil
 9/29/2017 6:04:23 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.282 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion:	93	Resp:	351672
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.7	9.8	14.6





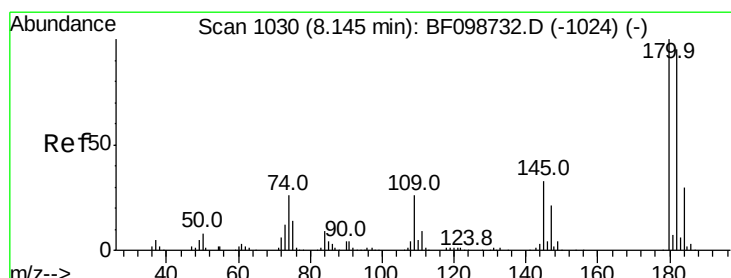
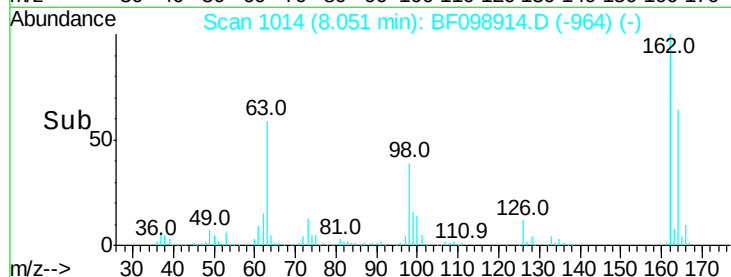
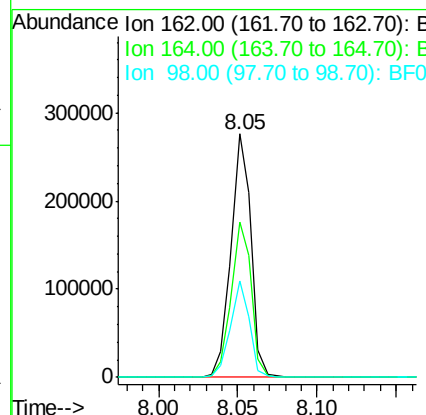
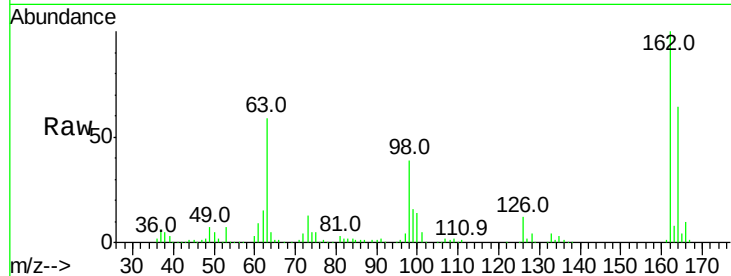
#29
2,4-Dichlorophenol
Concen: 37.310 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	241591		
164	63.8	42.7	82.7	
98	39.4	18.1	58.1	

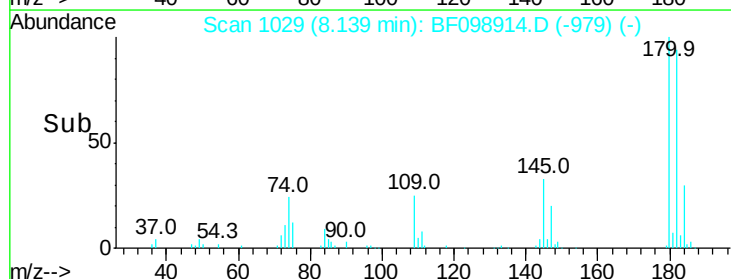
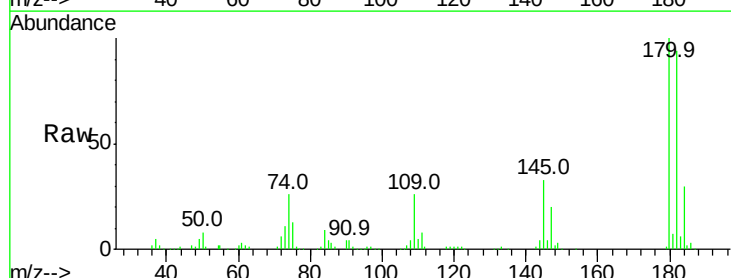
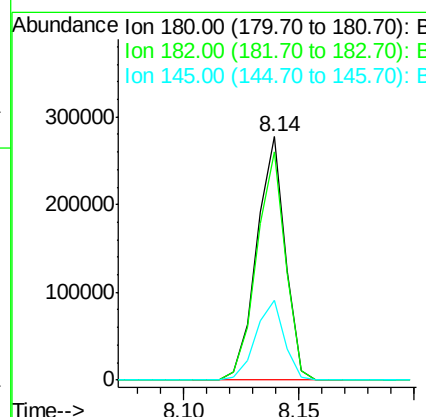
Manual Integrations
APPROVED

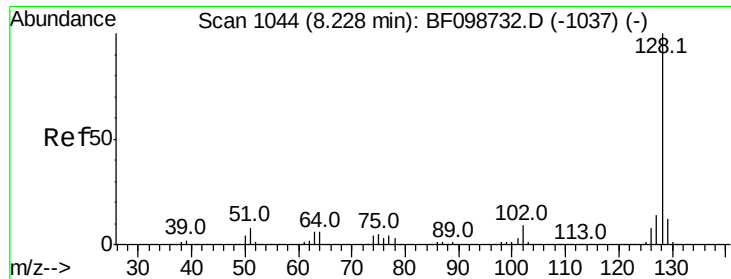
Sohil
9/29/2017 6:04:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.942 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	239246		
182	94.0	76.8	115.2	
145	32.7	26.5	39.7	





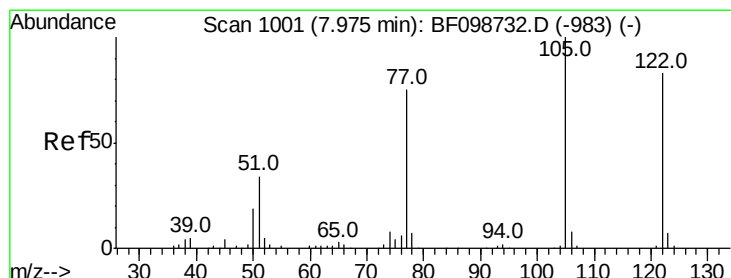
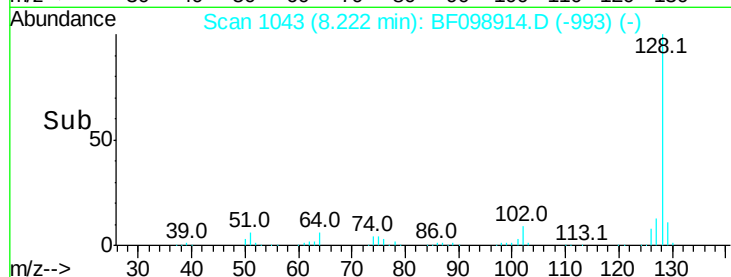
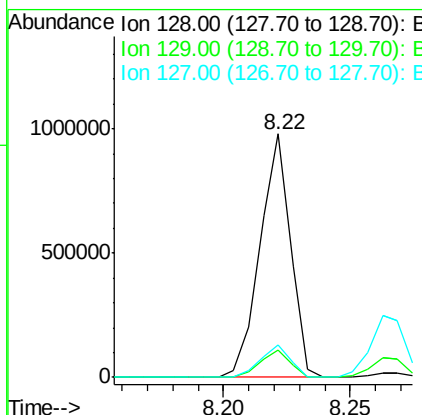
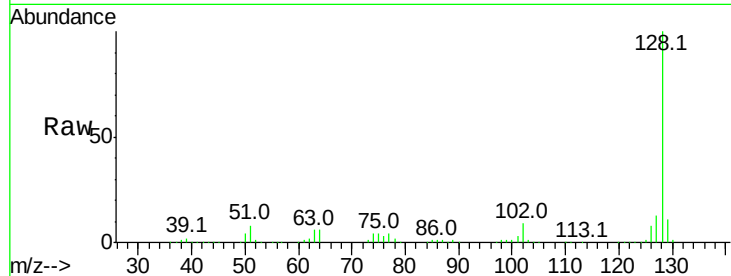
#31
Naphthalene
Concen: 37.436 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.8	13.2	
127	13.5	10.9	16.3	

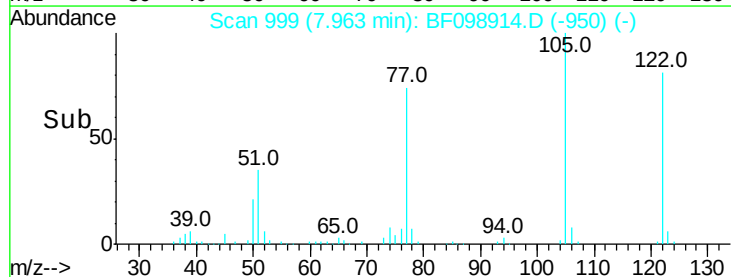
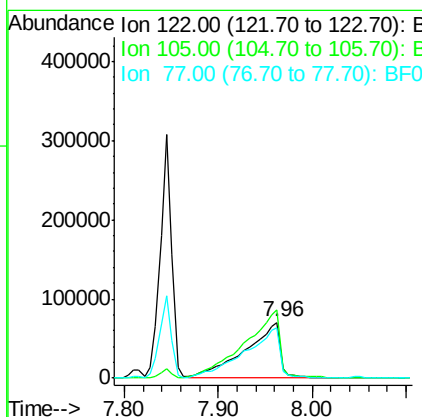
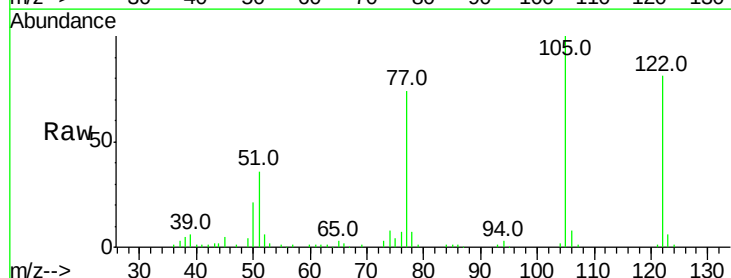
Manual Integrations
APPROVED

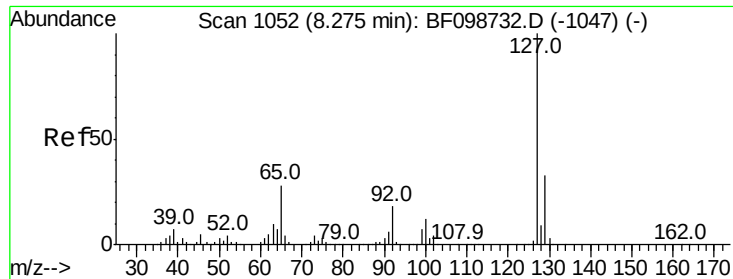
Sohil
9/29/2017 6:04:23 PM



#32
Benzoic acid
Concen: 29.199 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.2	101.1	141.1	
77	91.2	70.7	110.7	





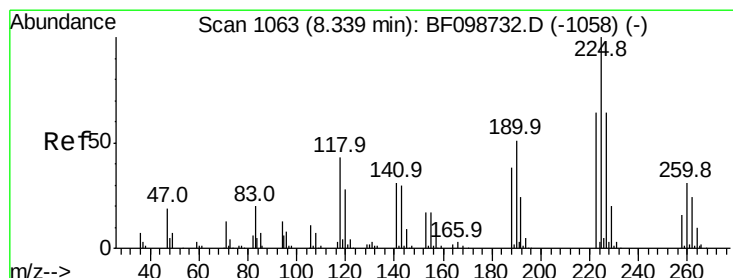
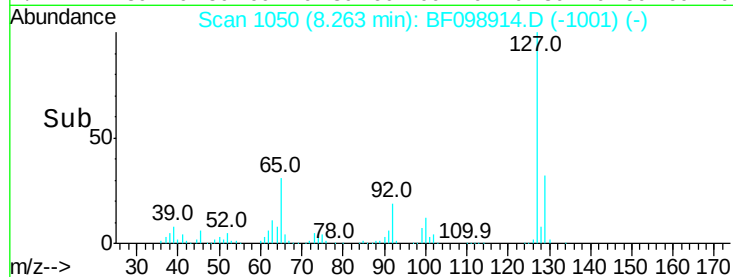
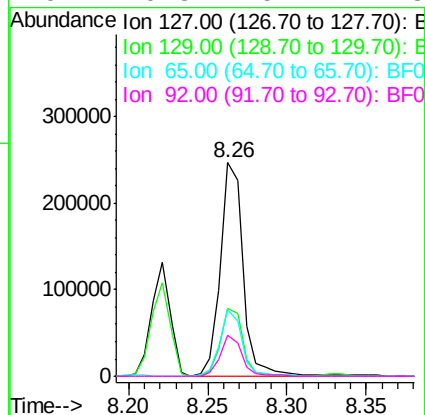
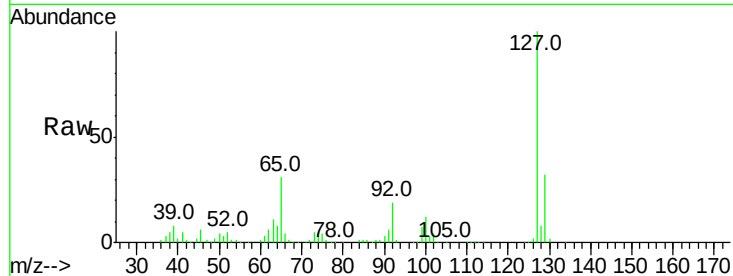
#33
4-Chloroaniline
Concen: 26.668 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	31.2	25.0	37.4	
92	19.3	15.2	22.8	

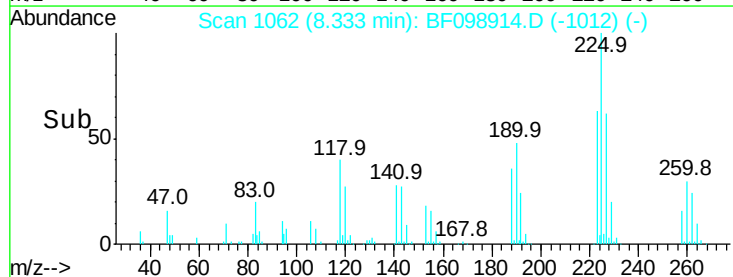
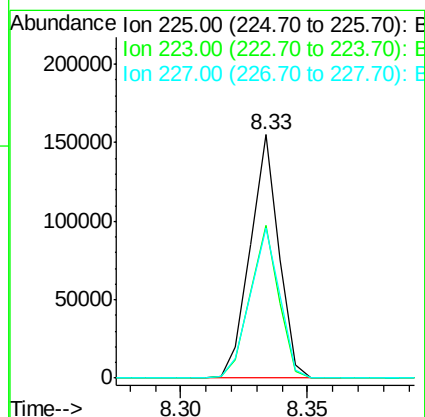
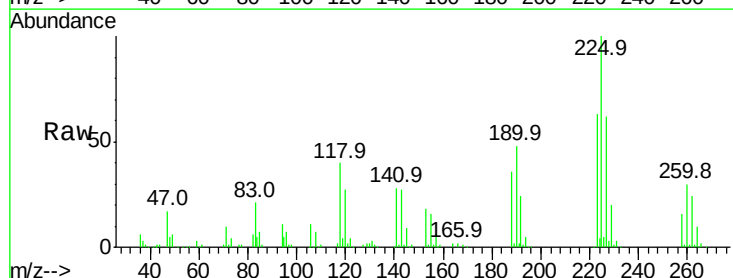
Manual Integrations
APPROVED

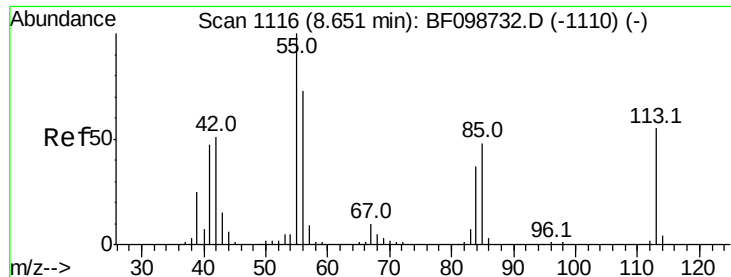
Sohil
9/29/2017 6:04:23 PM



#34
Hexachlorobutadiene
Concen: 36.622 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.6	76.0	
227	61.9	51.9	77.9	





#35

Caprolactam

Concen: 40.141 ng/mL

RT: 8.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleID :

PB102707BS

Tot Ion:113 Resp: 83377

Ion Ratio Lower Upper

113 100

55 197.2 163.3 203.3

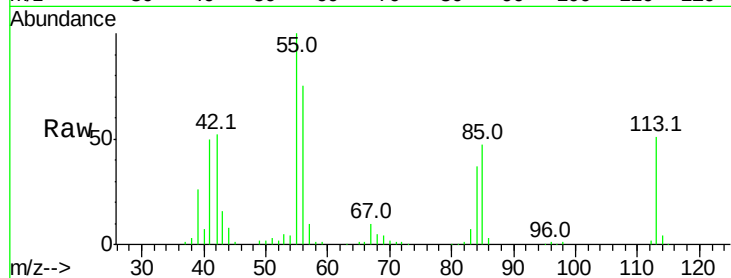
56 148.7 115.7 155.7

Manual Integrations

APPROVED

Sohil

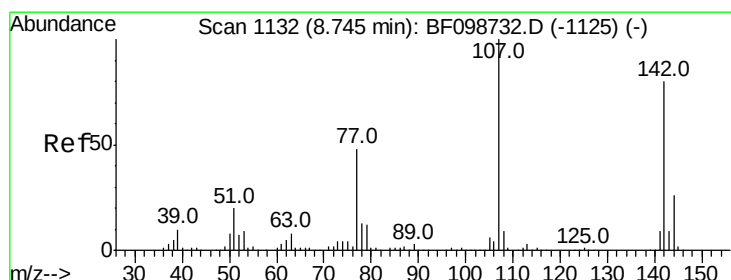
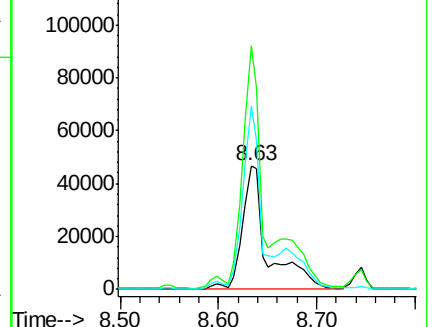
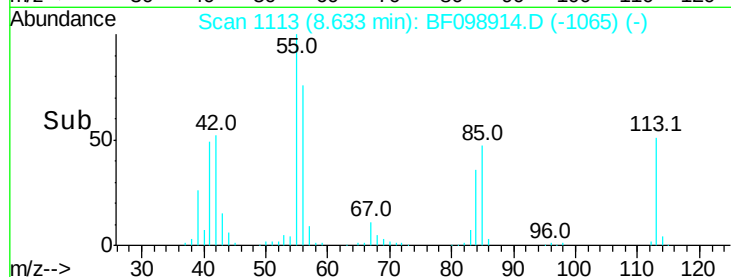
9/29/2017 6:04:23 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.209 ng/mL

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

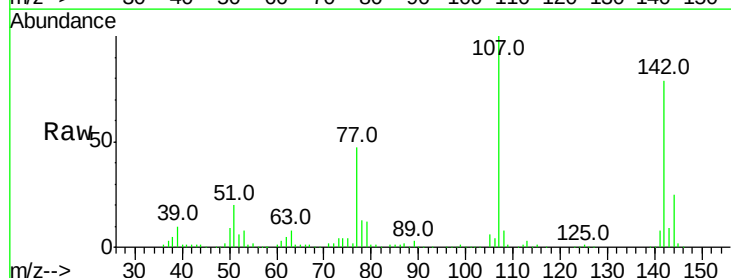
Tgt Ion:107 Resp: 270811

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

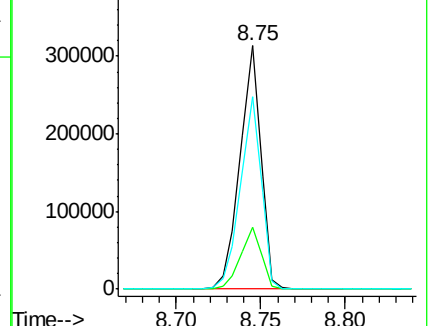
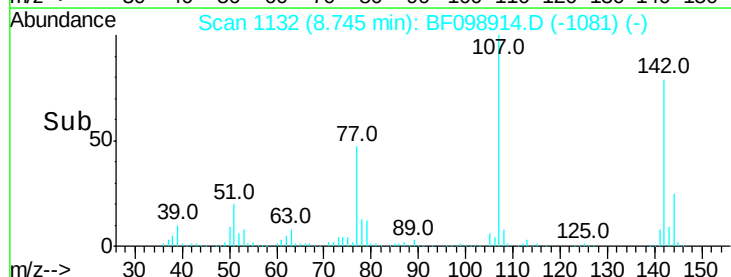
142 78.9 62.0 93.0

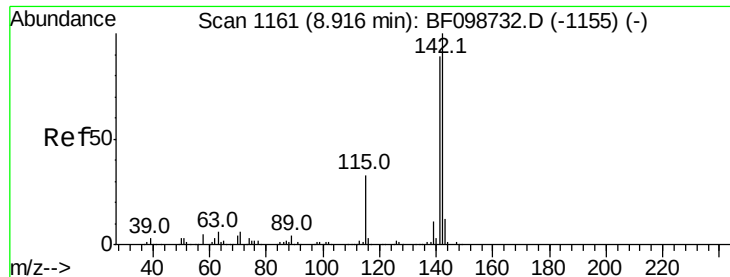


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





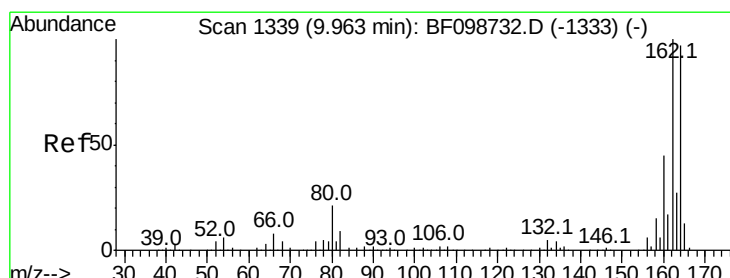
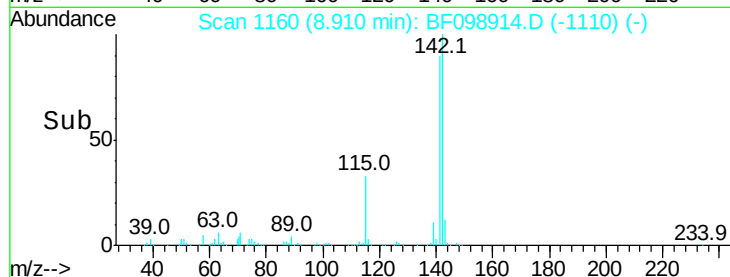
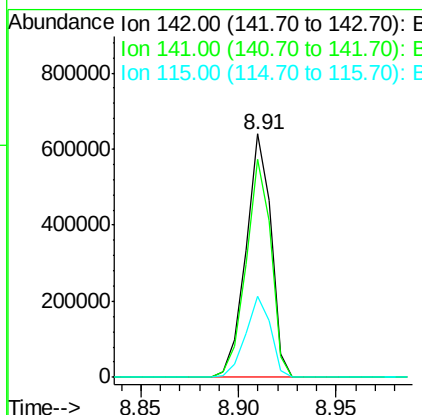
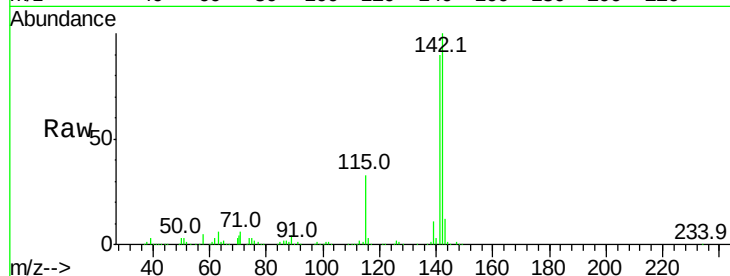
#37
2-Methylnaphthalene
Concen: 39.814 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	33.3	26.1	39.1

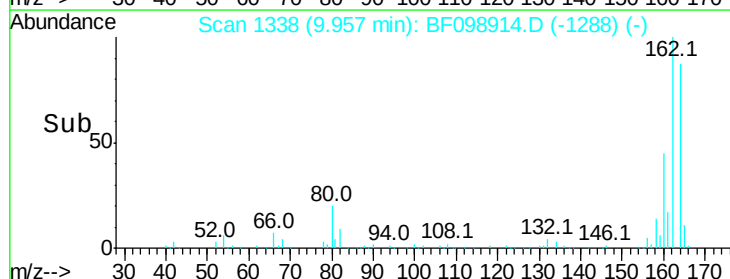
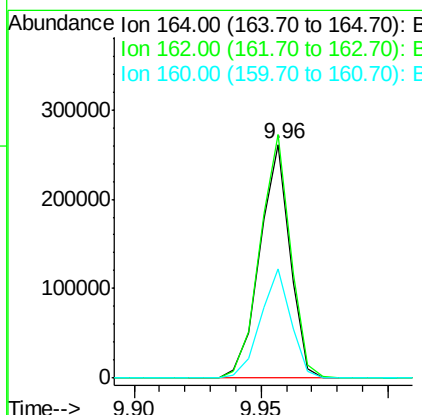
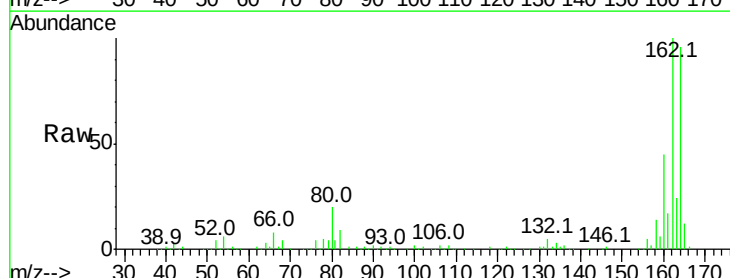
Manual Integrations
APPROVED

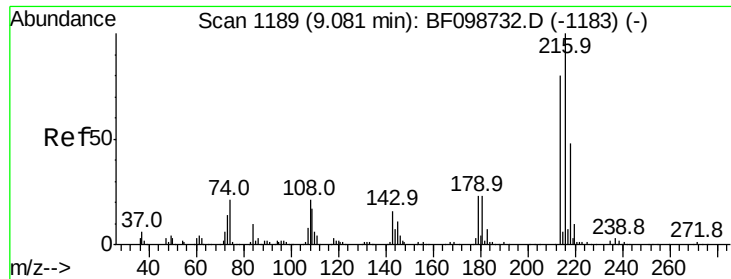
Sohil
9/29/2017 6:04:23 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.9	38.3	57.5





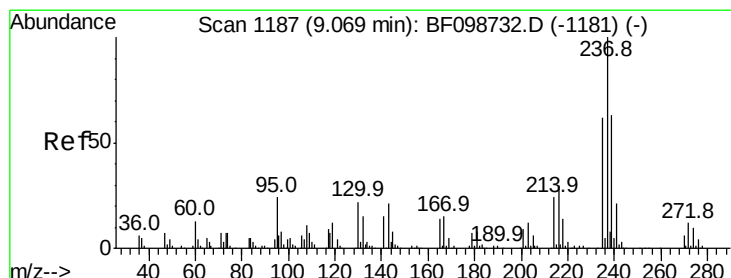
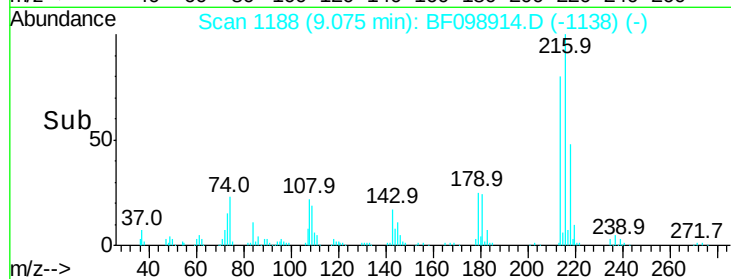
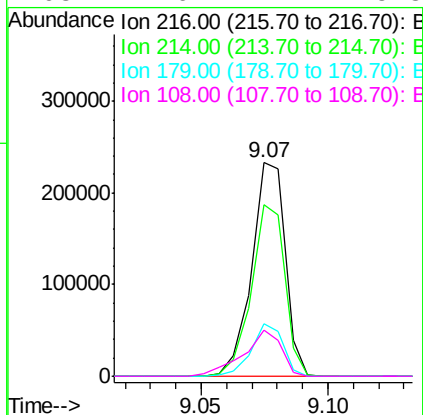
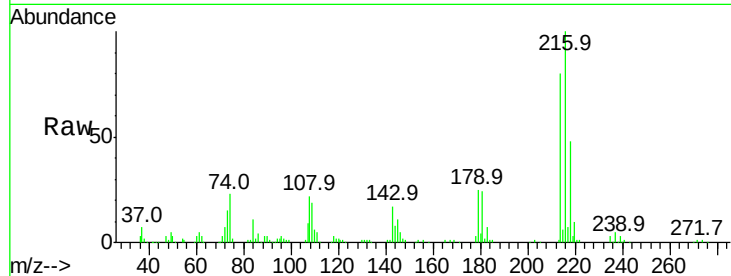
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.279 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	23.4	18.1	27.1
108	24.6	17.2	25.8

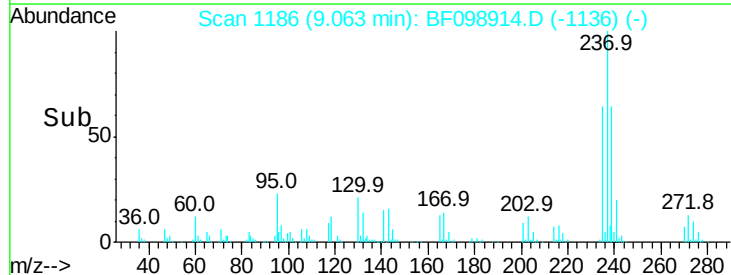
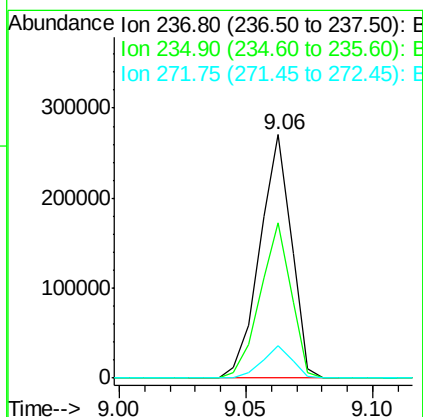
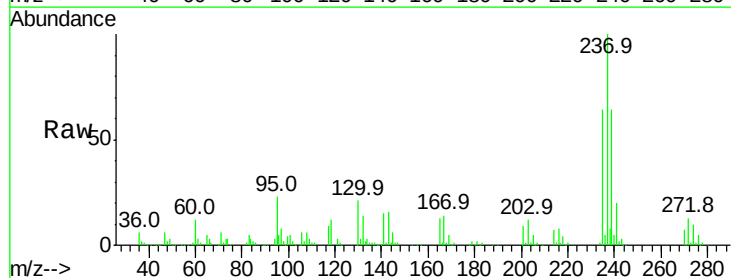
Manual Integrations
 APPROVED

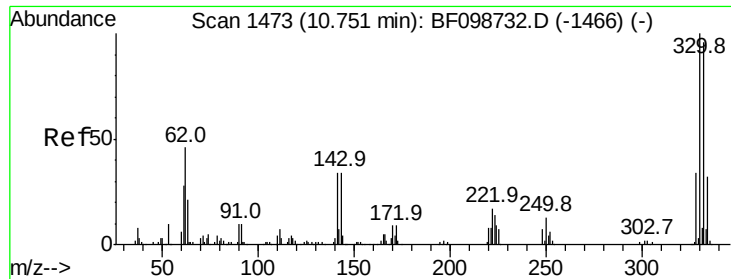
Sohil
 9/29/2017 6:04:23 PM



#40
 Hexachlorocyclopentadiene
 Concen: 79.641 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.3	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 114.317 ng

RT: 10.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

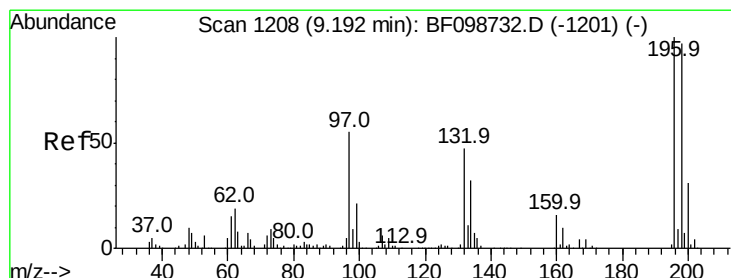
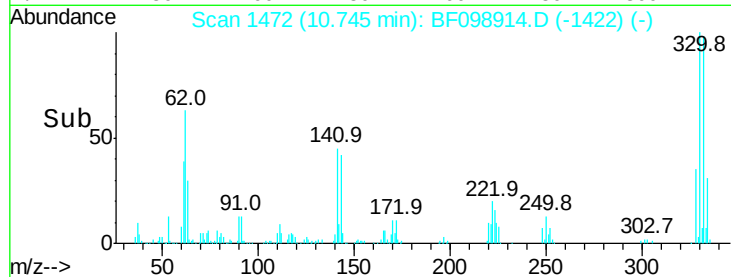
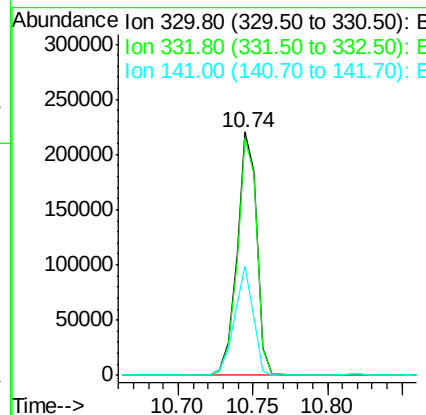
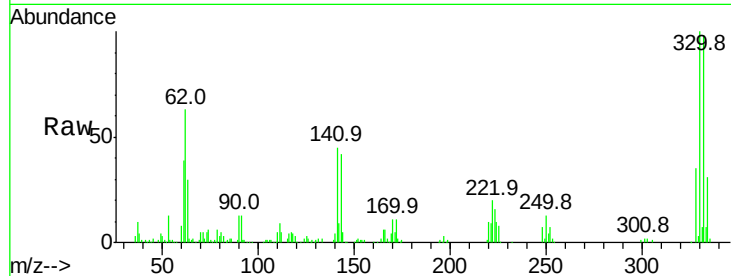
PB102707BS

Tot Ion:	330	Resp:	203641
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.0	115.6
141	43.5	29.9	44.9

Manual Integrations
APPROVED

Sohil

9/29/2017 6:04:23 PM



#42

2,4,6-Trichlorophenol

Concen: 36.476 ng

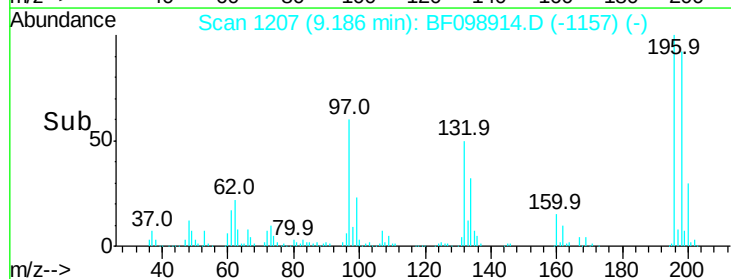
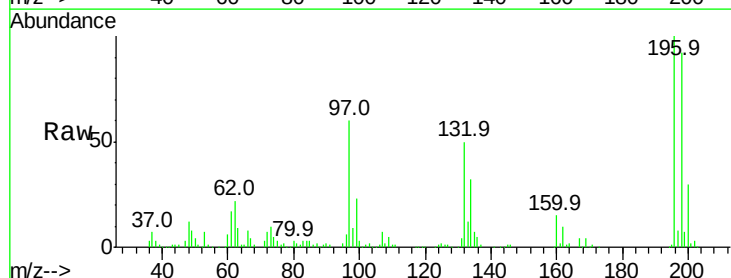
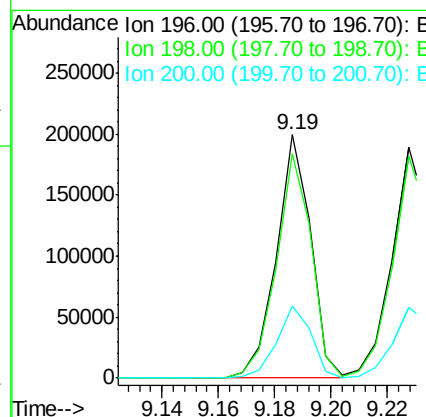
RT: 9.19 min Scan# 1207

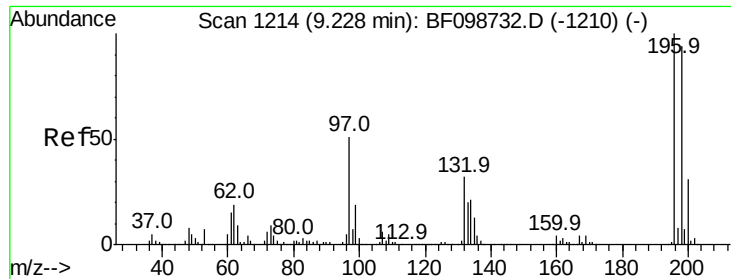
Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	196	Resp:	167767
Ion Ratio	Lower	Upper	
196	100		
198	92.3	75.7	113.5
200	29.6	24.5	36.7





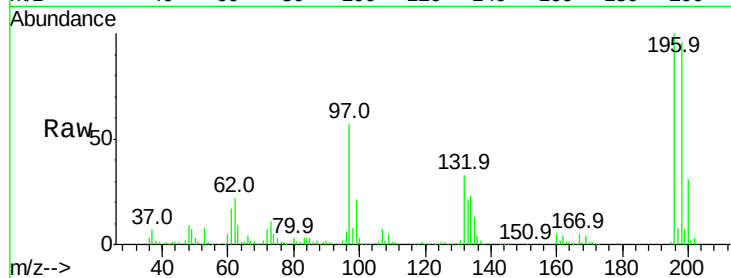
#43
 2,4,5-Trichlorophenol
 Concen: 38.149 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	196	Resp	175157
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.6	112.0
97	56.6	42.9	64.3
132	32.8	26.3	39.5

Manual Integrations
 APPROVED

Sohil
 9/29/2017 6:04:23 PM



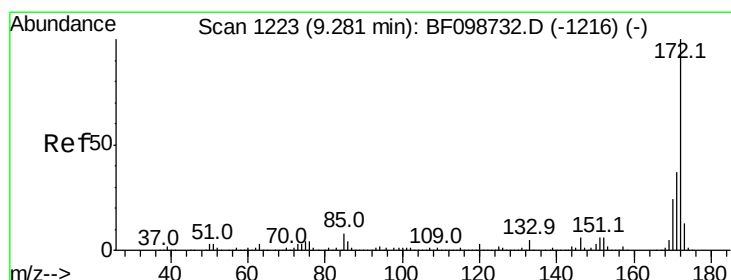
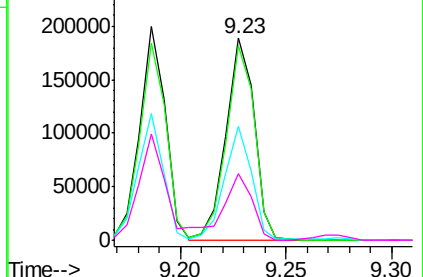
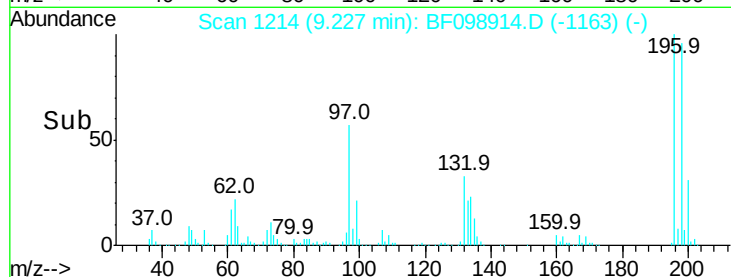
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

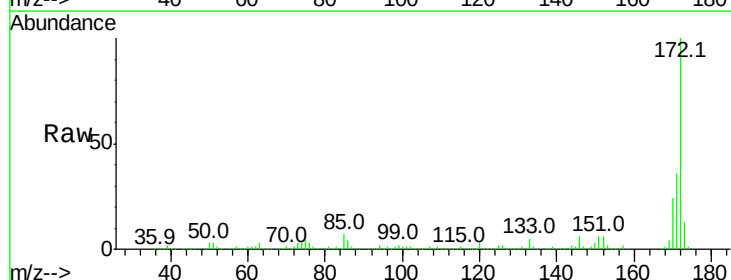
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.369 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	172	Resp	1074129
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

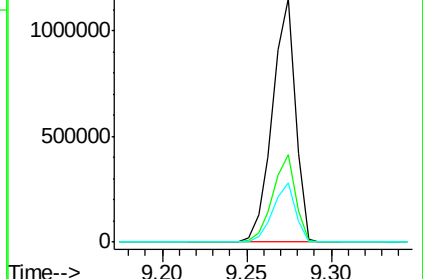
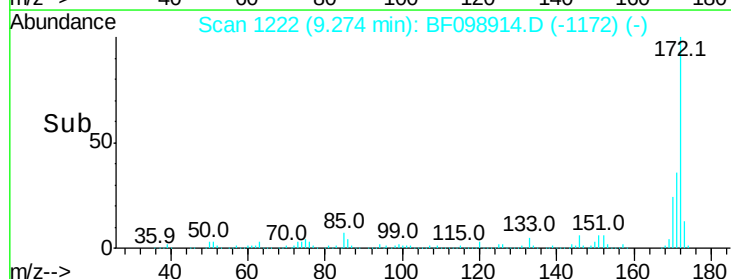


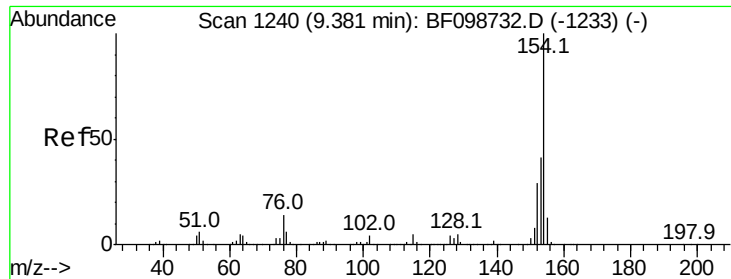
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





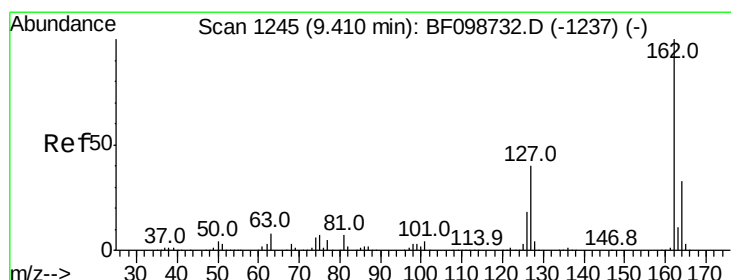
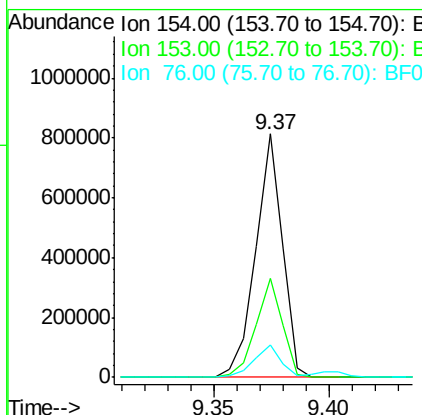
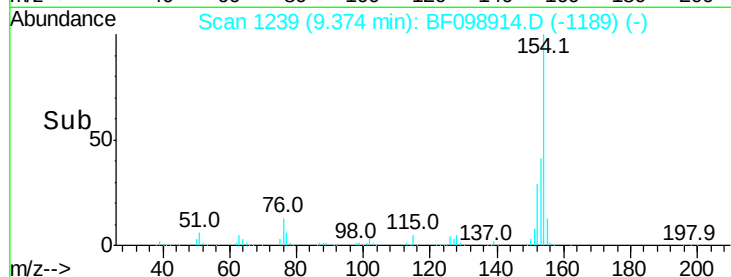
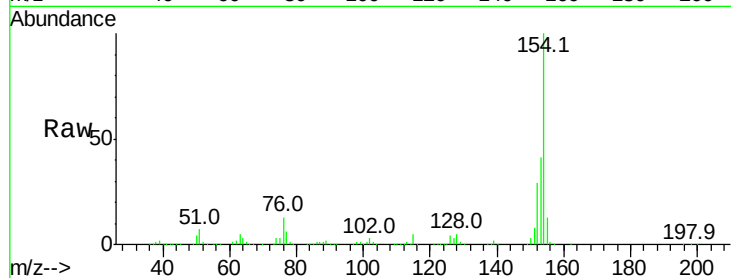
#45
1,1'-Biphenyl
Concen: 35.194 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampled :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.3	61.3	
76	13.3	0.0	34.0	

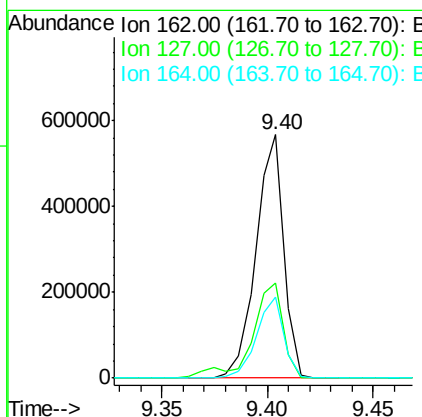
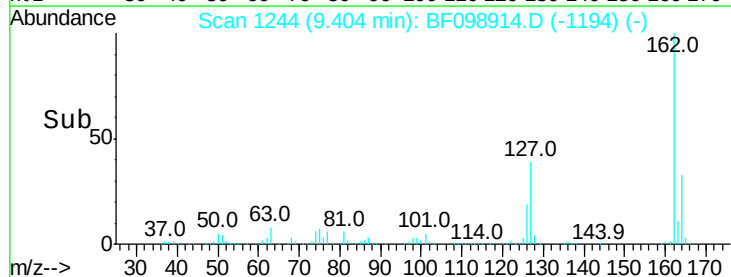
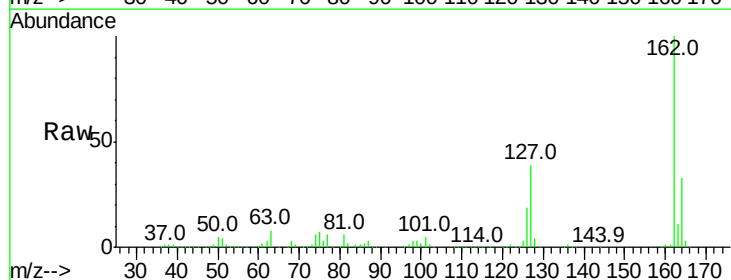
Manual Integrations
APPROVED

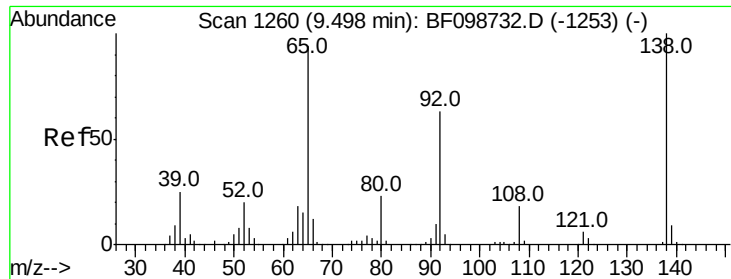
Sohil
9/29/2017 6:04:23 PM



#46
2-Chloronaphthalene
Concen: 36.874 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.1	33.9	50.9	
164	33.4	26.5	39.7	





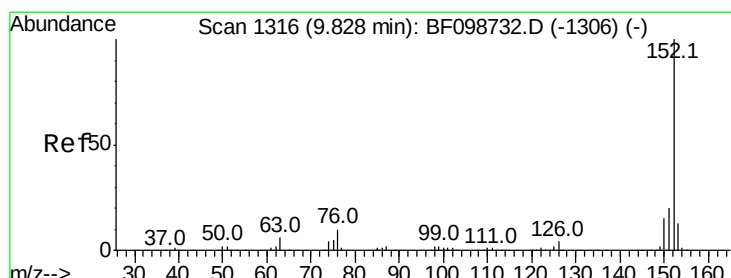
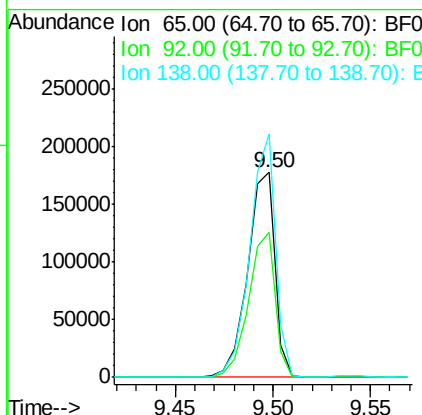
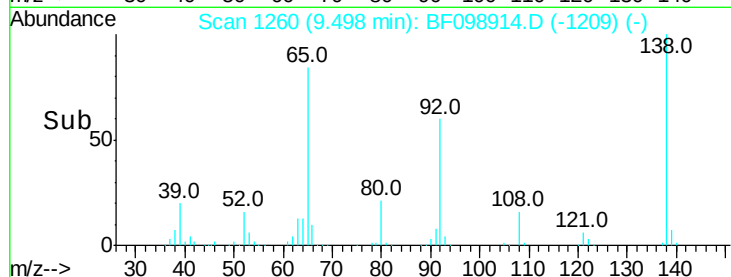
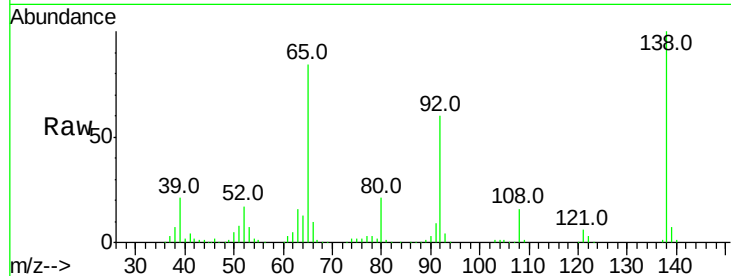
#47
 2-Nitroaniline
 Concen: 40.006 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleID :
 PB102707BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	55.8	83.6
138	118.8	91.2	136.8

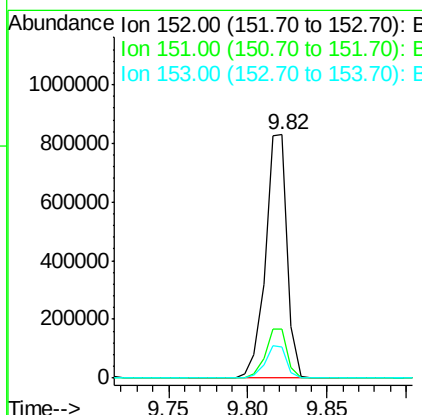
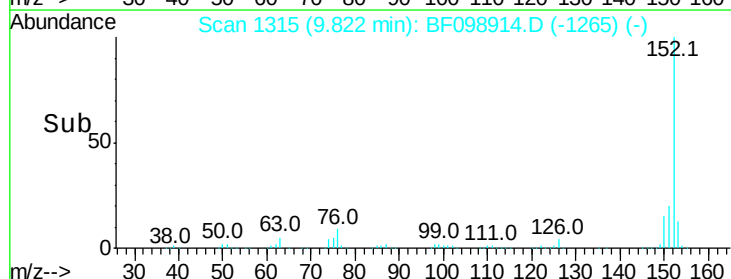
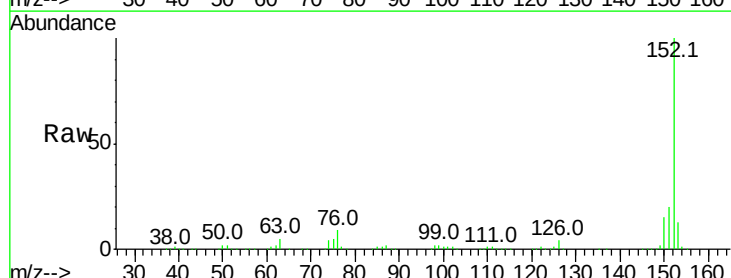
Manual Integrations
 APPROVED

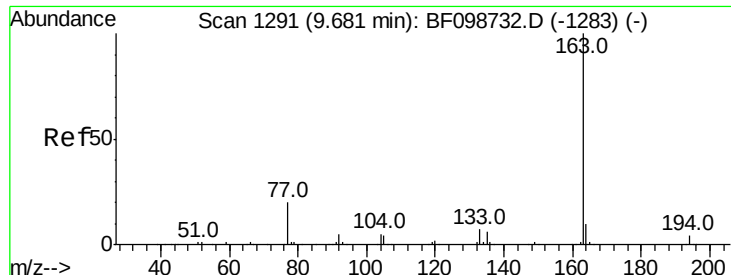
Sohil
 9/29/2017 6:04:23 PM



#48
 Acenaphthylene
 Concen: 37.111 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	12.9	10.7	16.1





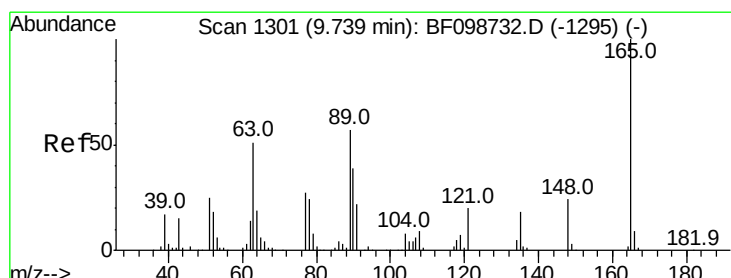
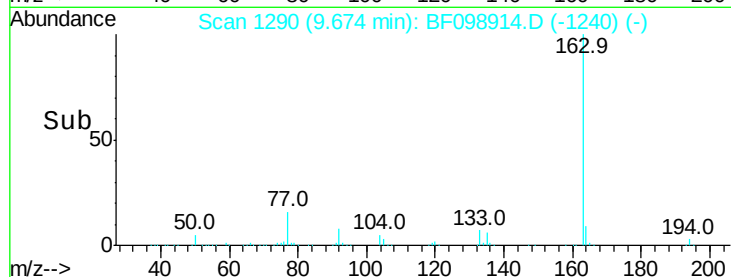
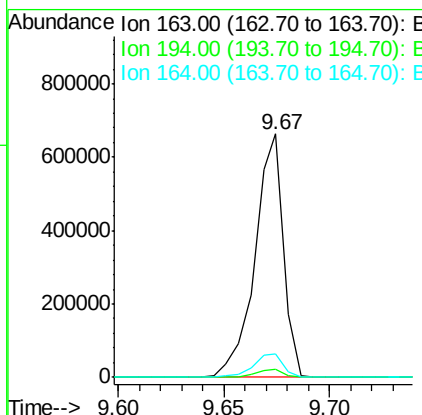
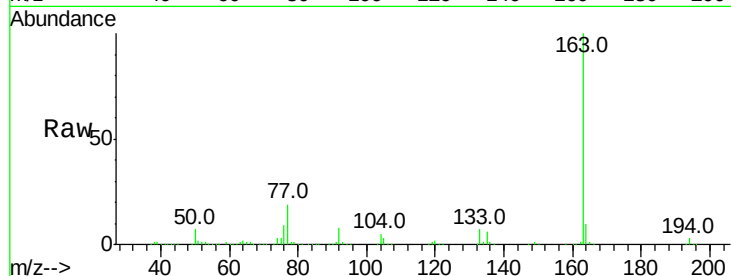
#49
Dimethylphthalate
Concen: 37.919 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	623047		
194	3.4	2.7	4.1	
164	9.8	8.2	12.2	

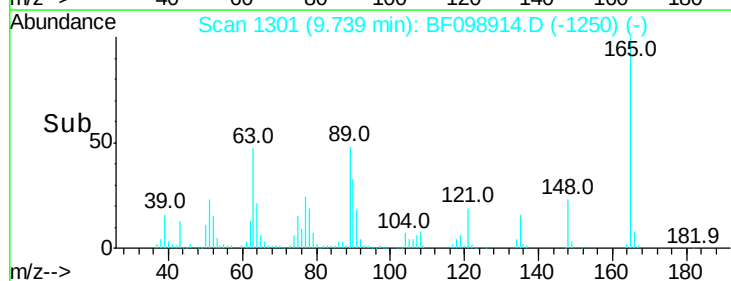
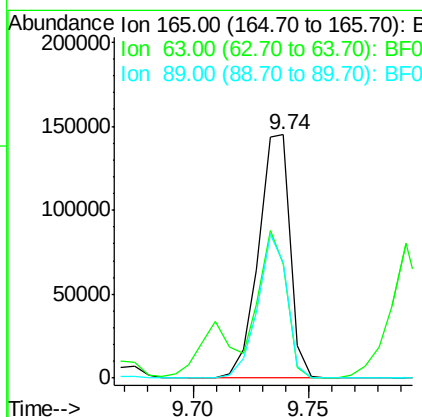
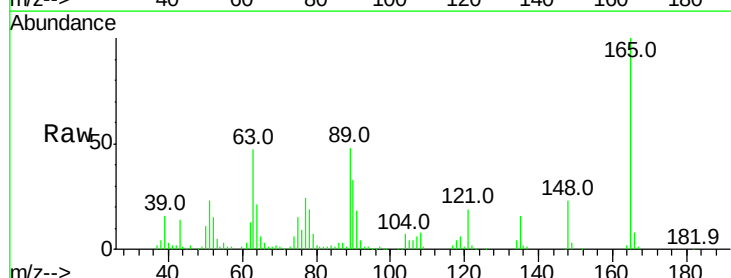
Manual Integrations
APPROVED

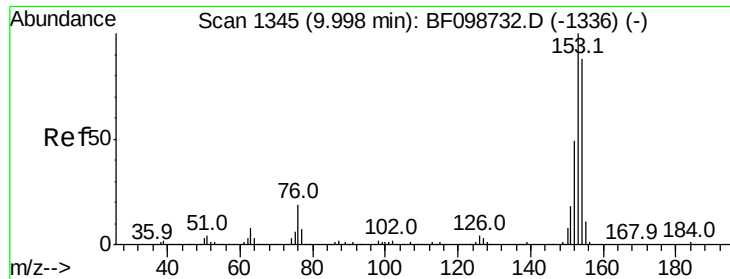
Sohil
9/29/2017 6:04:23 PM



#50
2,6-Dinitrotoluene
Concen: 38.804 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138805		
63	47.1	44.7	67.1	
89	47.7	44.0	66.0	





#51

Acenaphthene

Concen: 40.438 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

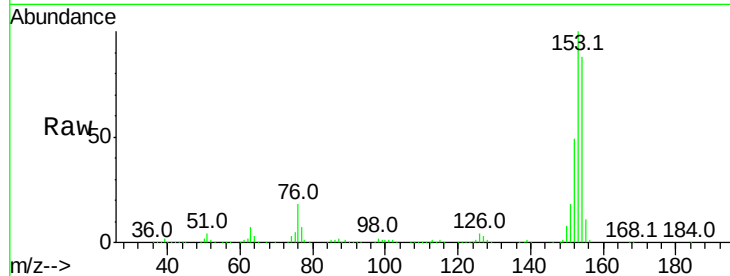
ClientSampleId :

PB102707BS

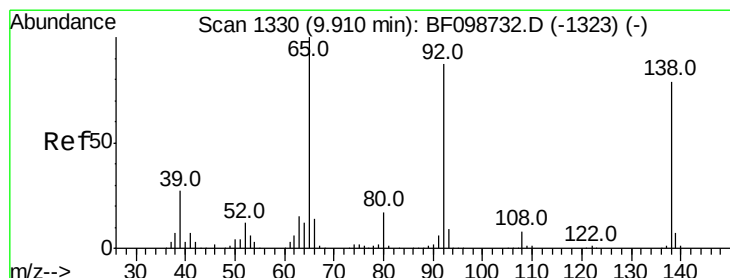
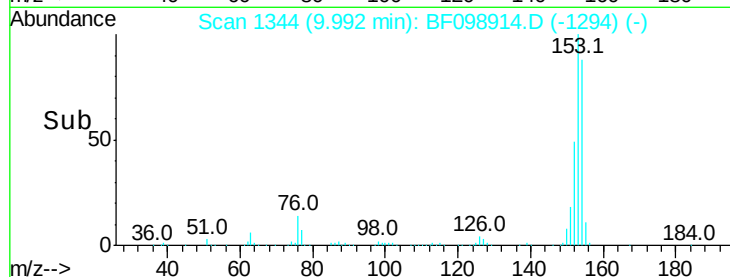
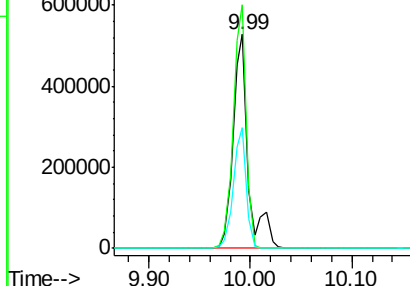
Tot Ion:	154	Resp:	550860
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	56.3	43.8	65.8

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



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



#52

3-Nitroaniline

Concen: 30.341 ng

RT: 9.90 min Scan# 1329

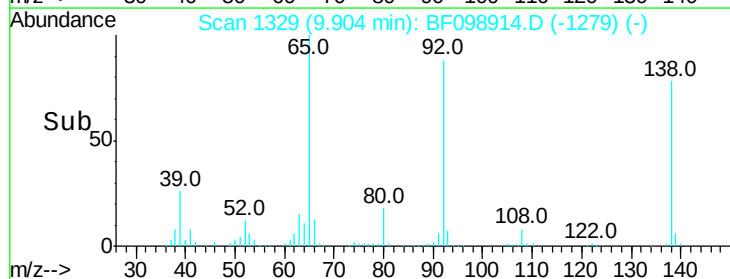
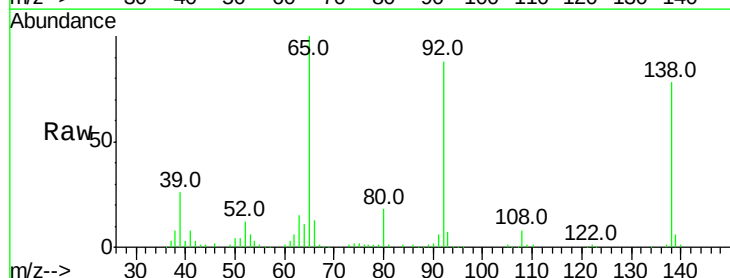
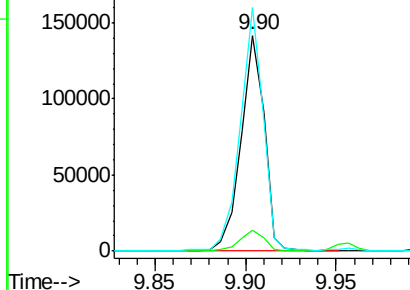
Delta R.T. -0.01 min

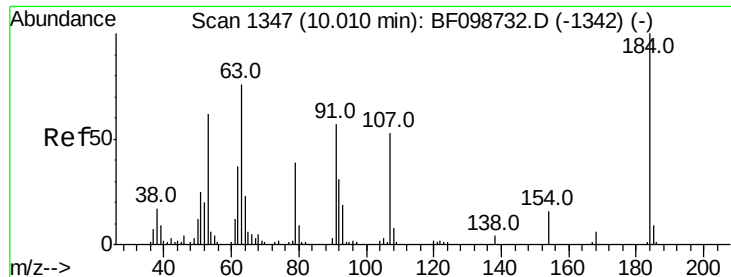
Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	138	Resp:	126549
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	112.9	89.4	134.2

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





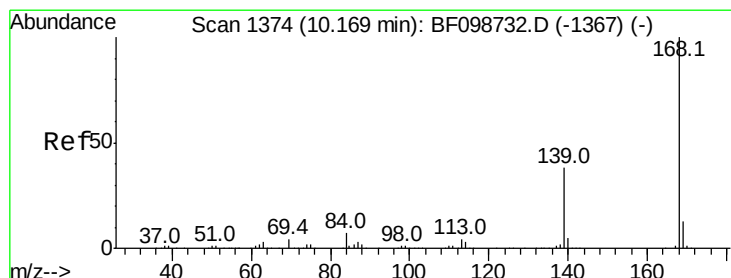
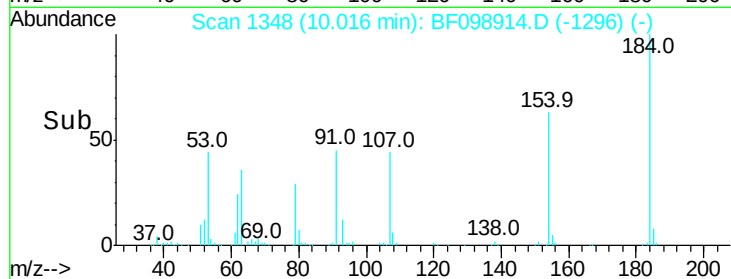
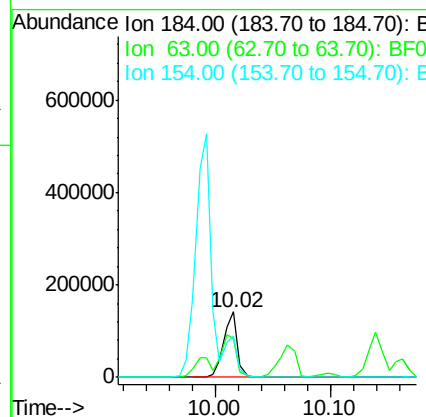
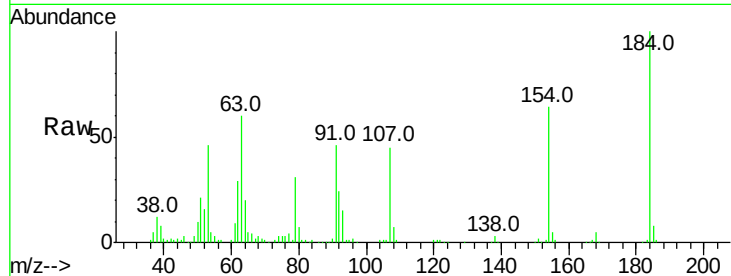
#53
2,4-Dinitrophenol
Concen: 64.941 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.1	54.2	81.2	
154	63.6	53.5	80.3	

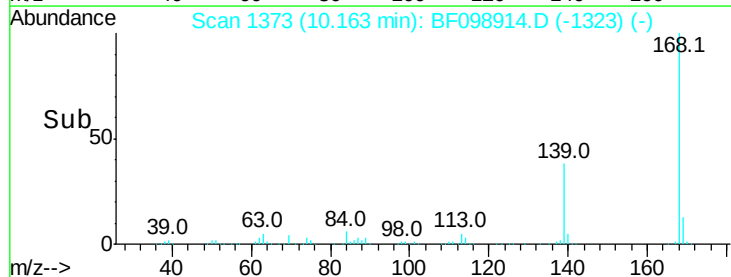
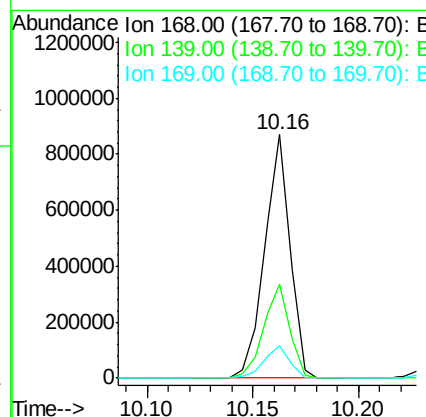
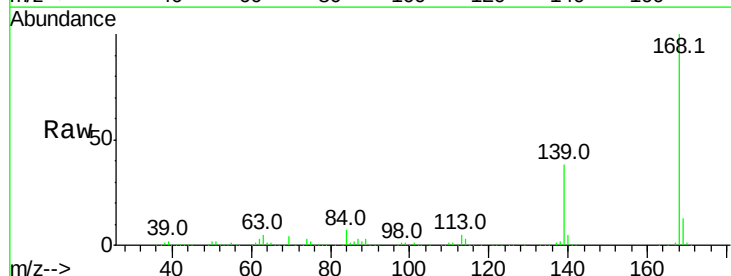
Manual Integrations
APPROVED

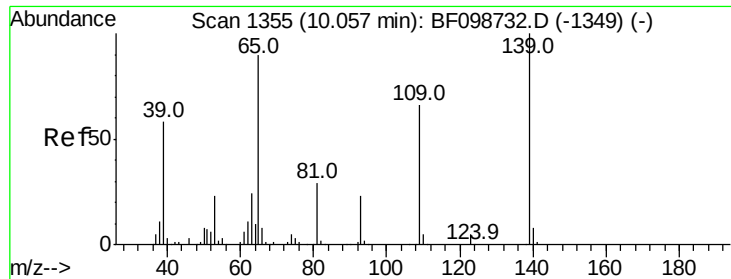
Sohil
9/29/2017 6:04:23 PM



#54
Dibenzofuran
Concen: 40.090 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.4	30.1	45.1	
169	13.3	10.9	16.3	





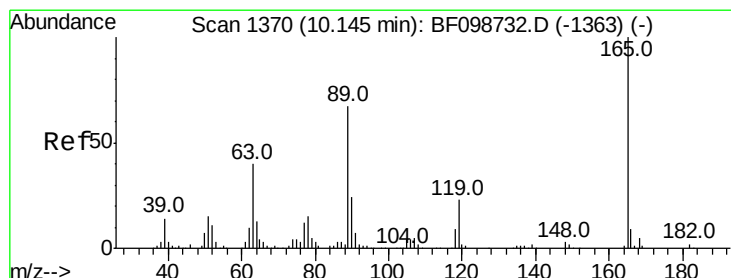
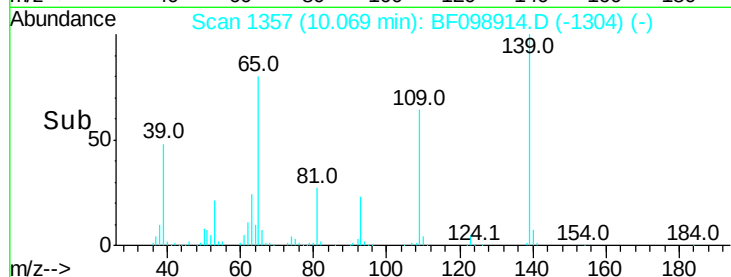
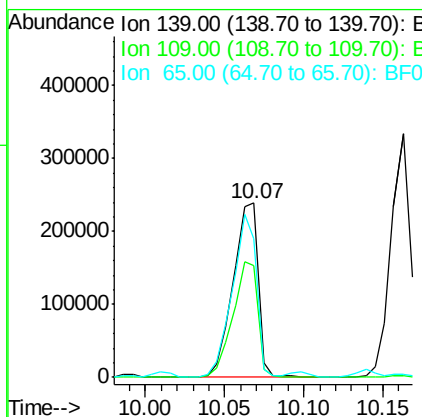
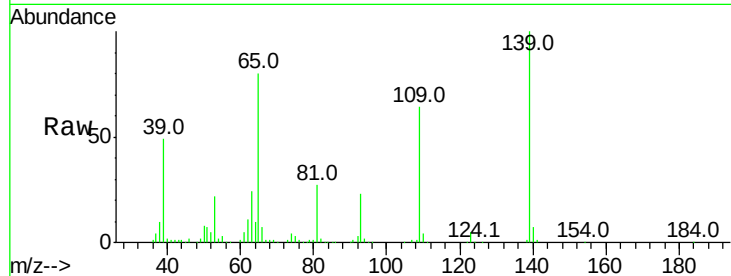
#55
4-Nitrophenol
Concen: 74.536 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	262873		
109	64.3	48.4	88.4	
65	80.0	72.6	112.6	

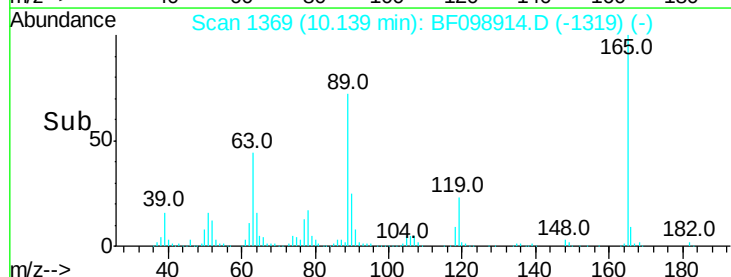
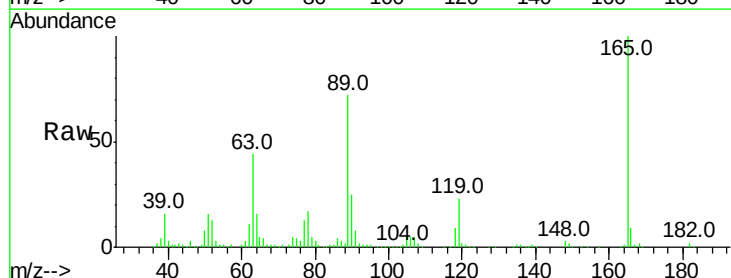
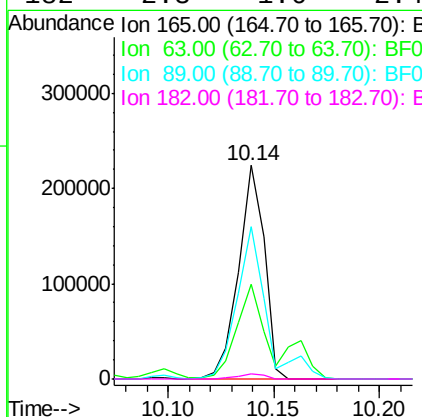
Manual Integrations
APPROVED

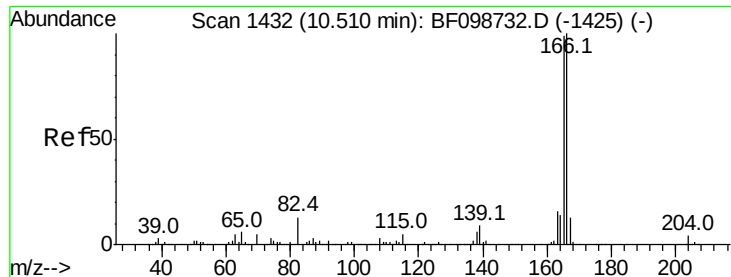
Sohil
9/29/2017 6:04:23 PM



#56
2,4-Dinitrotoluene
Concen: 40.877 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	189768		
63	44.2	36.4	54.6	
89	71.6	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 38.673 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102707BS

Tot Ion:166 Resp: 563785

Ion Ratio Lower Upper

166 100

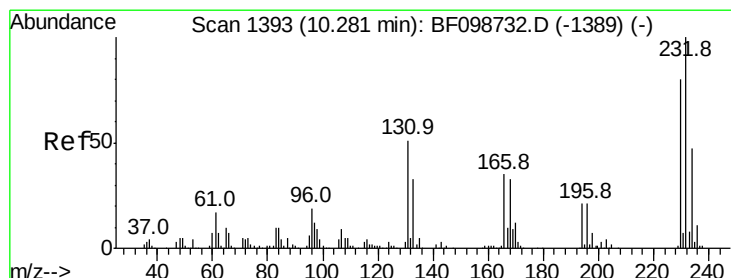
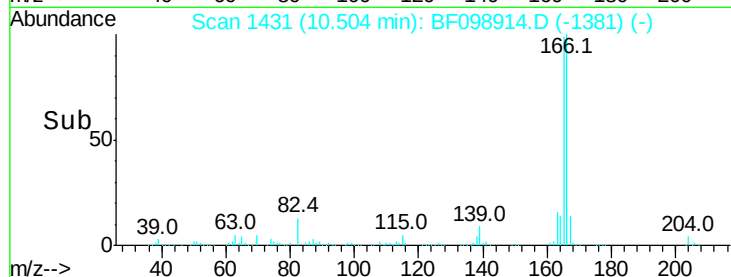
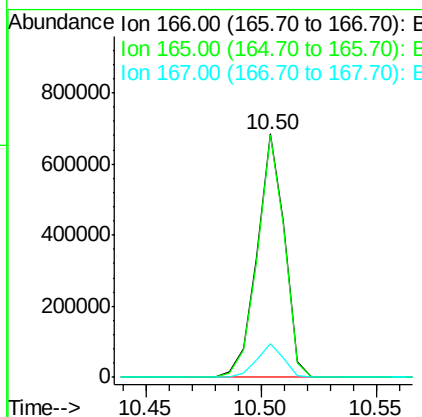
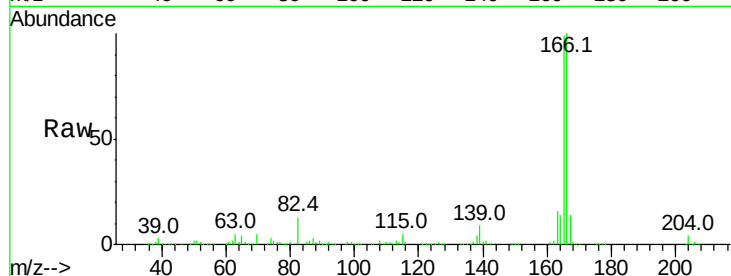
165 99.4 79.8 119.8

167 13.6 10.6 16.0

Manual Integrations
APPROVED

Sohil

9/29/2017 6:04:23 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.024 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:232 Resp: 133287

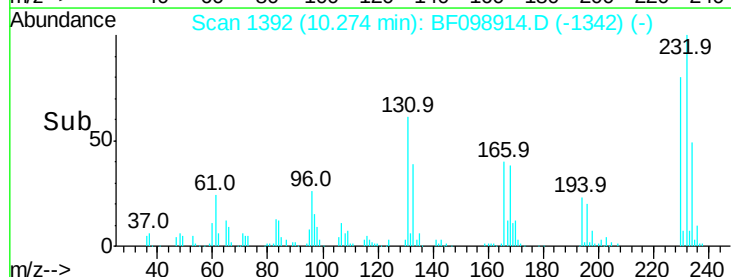
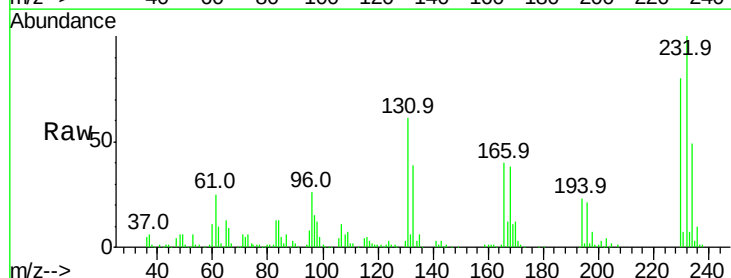
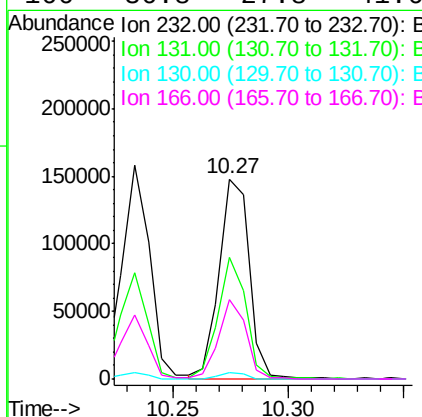
Ion Ratio Lower Upper

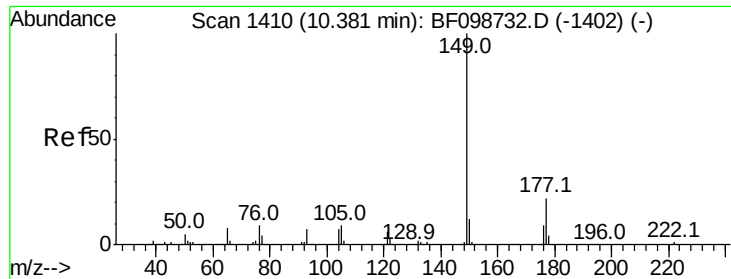
232 100

131 57.3 43.8 65.8

130 2.9 2.1 3.1

166 36.8 27.8 41.6





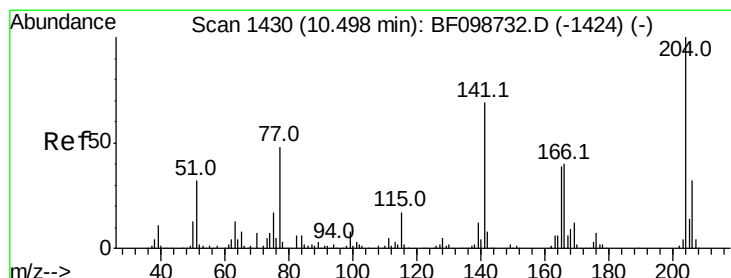
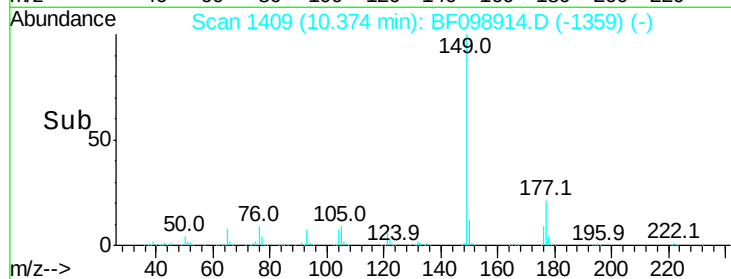
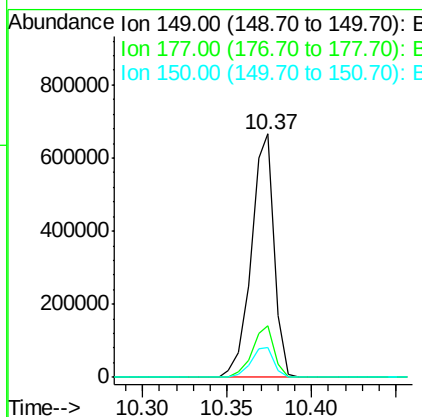
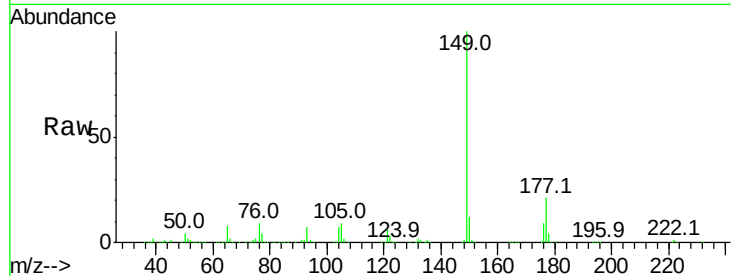
#59
Diethylphthalate
Concen: 39.227 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampled :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	629801		
177	21.4		16.1	24.1
150	12.1		10.1	15.1

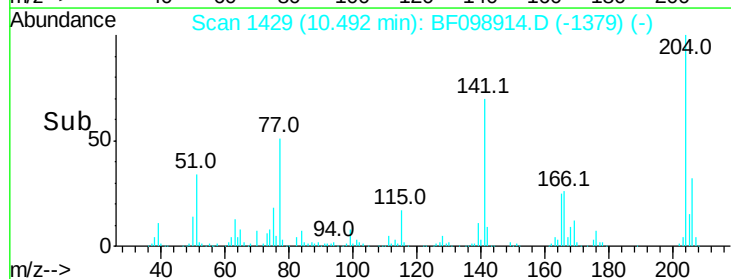
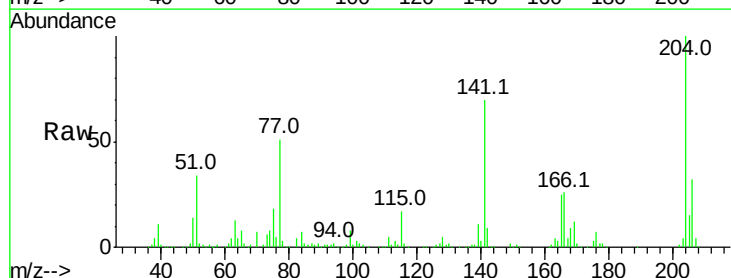
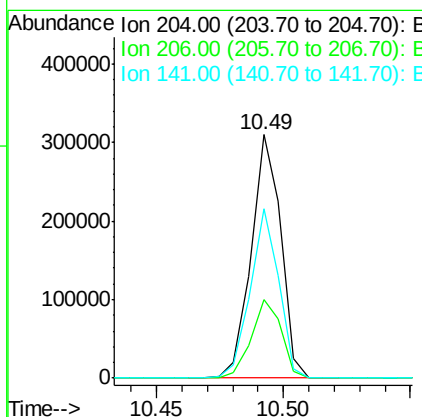
Manual Integrations
APPROVED

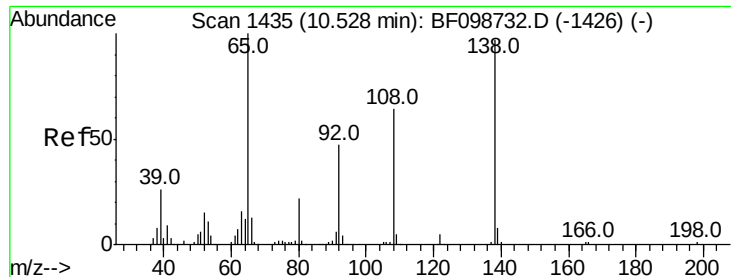
Sohil
9/29/2017 6:04:23 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.404 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	251489		
206	32.4		26.5	39.7
141	69.8		54.6	81.8





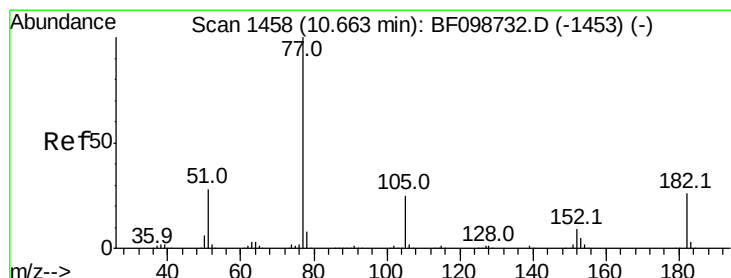
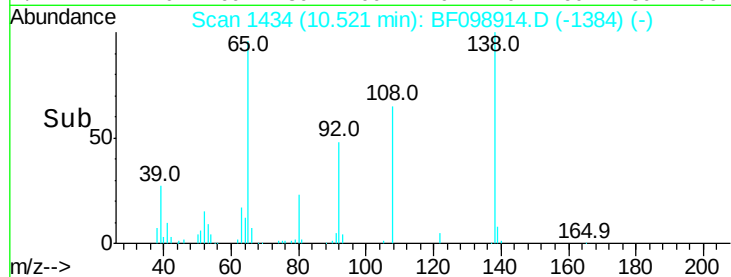
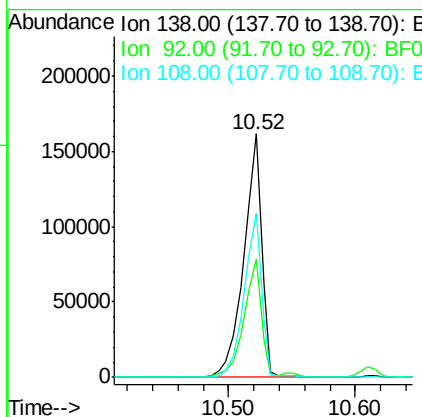
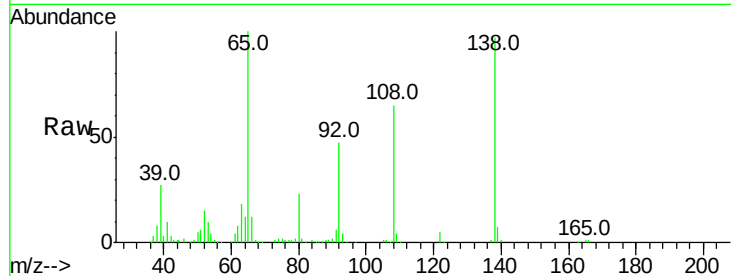
#61
4-Nitroaniline
Concen: 39.459 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	158781		
92	48.4	30.2	70.2	
108	67.4	52.5	92.5	

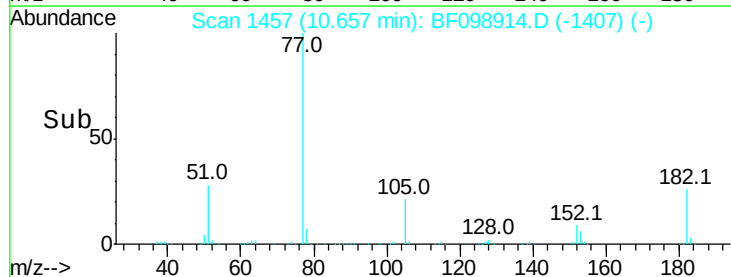
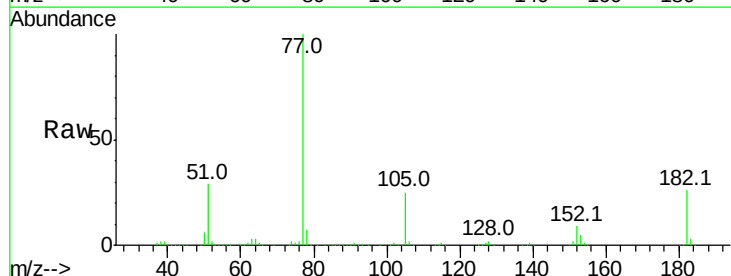
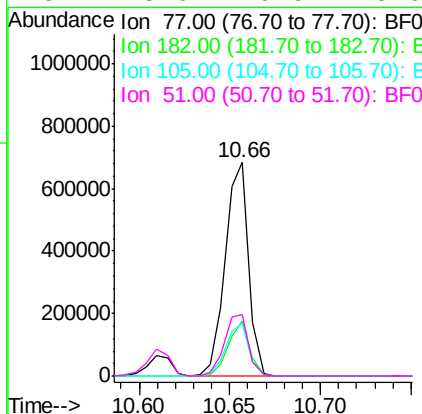
Manual Integrations
APPROVED

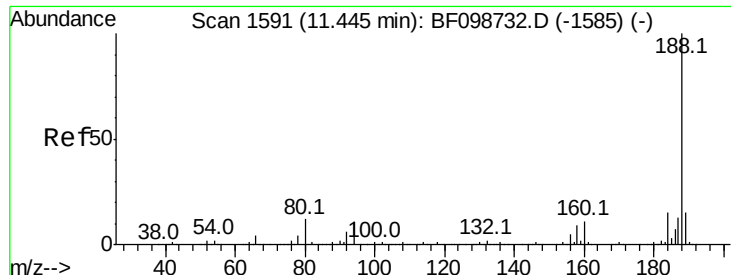
Sohil
9/29/2017 6:04:23 PM



#62
Azobenzene
Concen: 41.469 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	612184		
182	25.5	1.7	41.7	
105	24.6	3.0	43.0	
51	28.6	9.9	49.9	





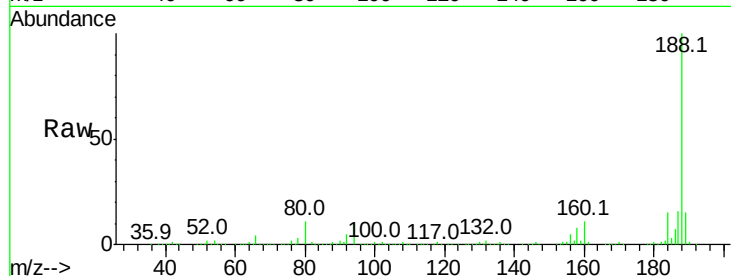
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

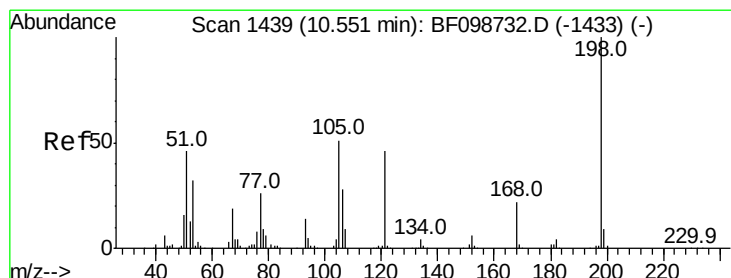
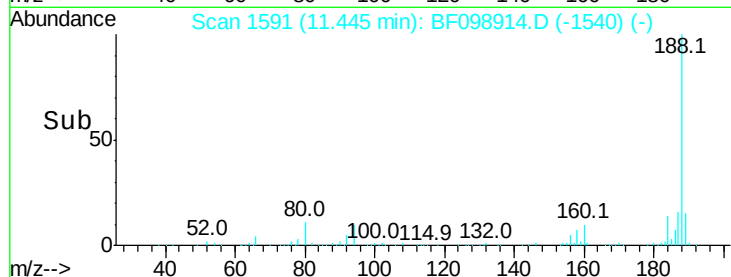
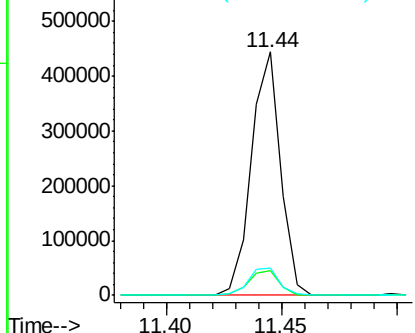
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	8.5	12.7
80	11.1	9.2	13.8

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM

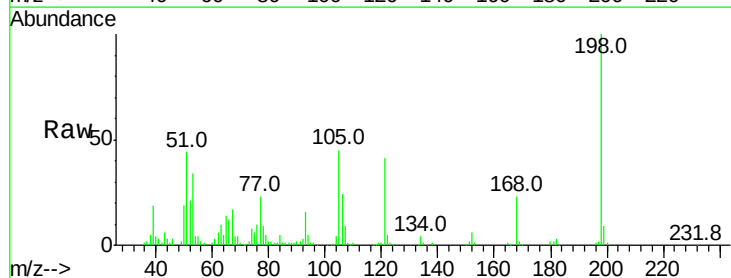


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

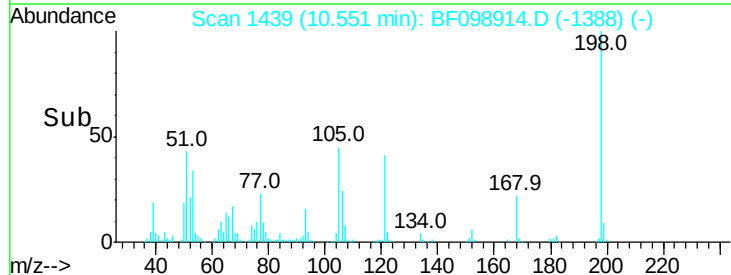
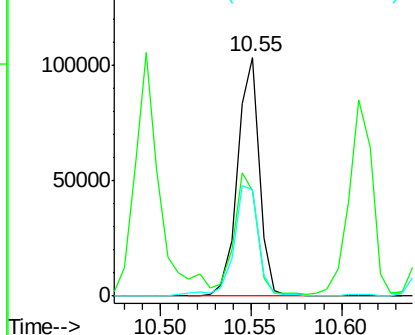


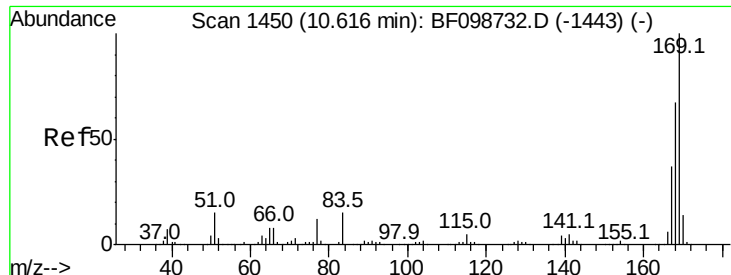
#64
4,6-Dinitro-2-methylphenol
Concen: 36.398 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.9	37.7	77.7
105	44.6	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





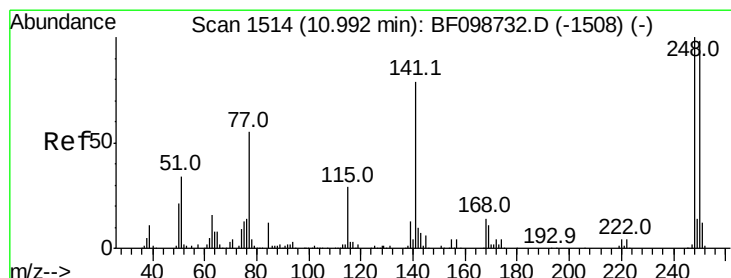
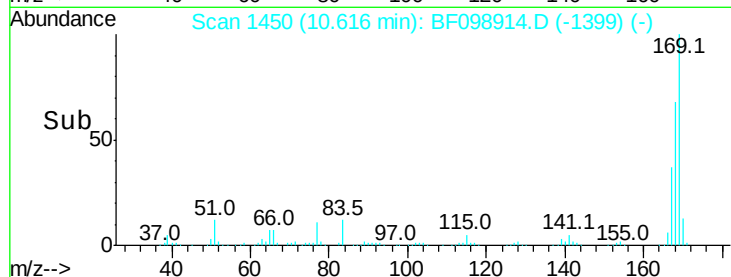
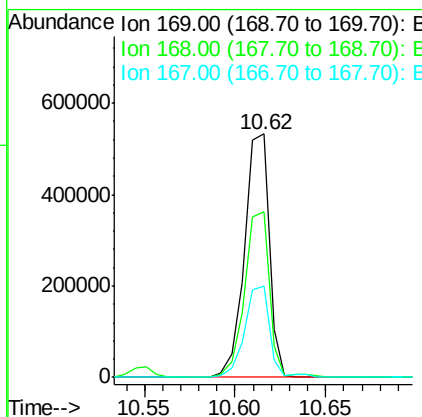
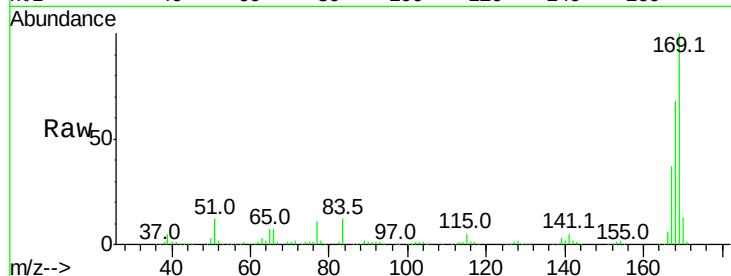
#65
 n-Nitrosodiphenylamine
 Concen: 37.327 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	506087		
168	68.0		54.4	81.6
167	37.4		29.8	44.6

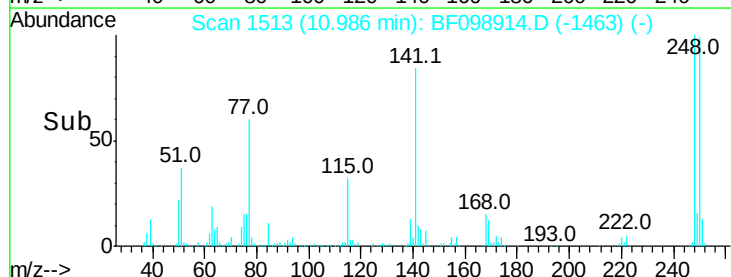
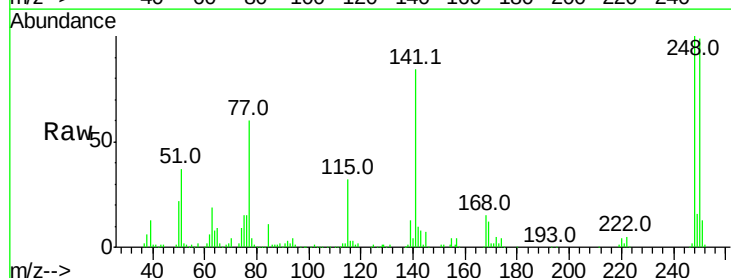
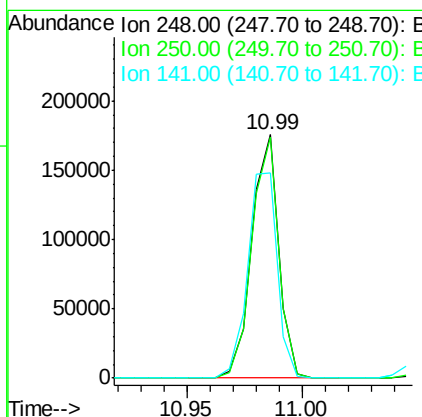
Manual Integrations
 APPROVED

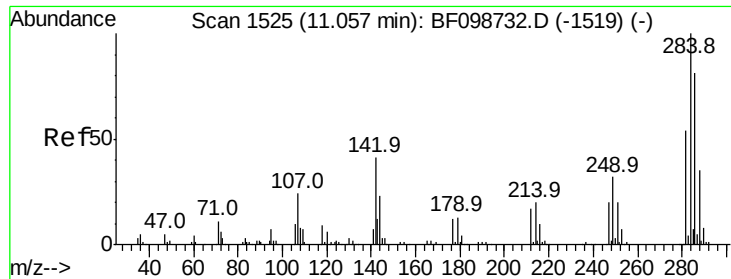
Sohil
 9/29/2017 6:04:23 PM



#66
 4-Bromophenyl-phenylether
 Concen: 37.344 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	143060		
250	98.8		76.9	115.3
141	84.2		74.4	111.6





#67

Hexachlorobenzene

Concen: 35.914 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

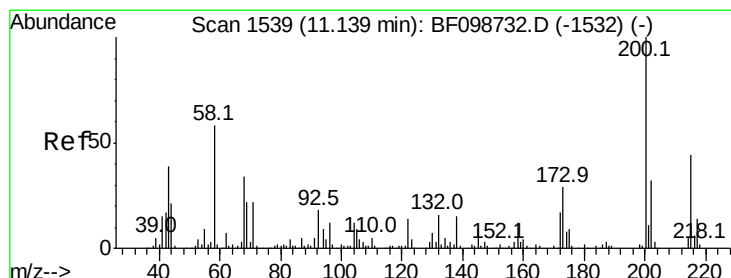
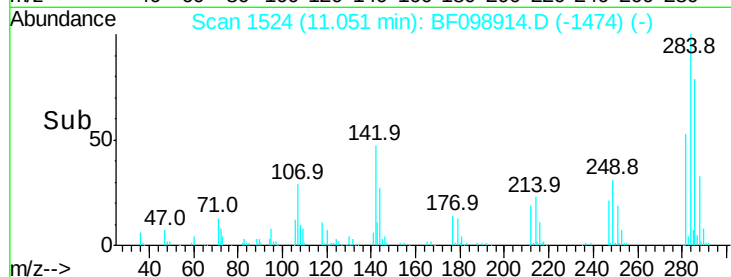
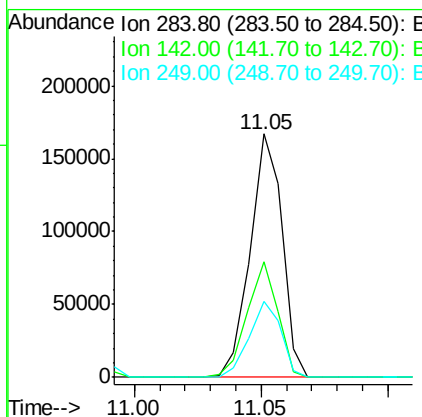
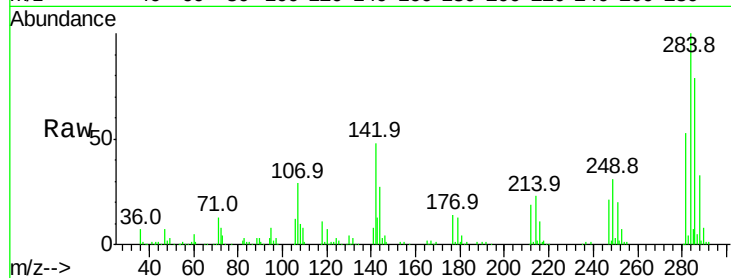
ClientSampled :

PB102707BS

Tot Ion:	284	Resp:	146942
Ion Ratio	Lower	Upper	
284	100		
142	47.5	34.6	52.0
249	31.4	24.8	37.2

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



#68

Atrazine

Concen: 39.358 ng

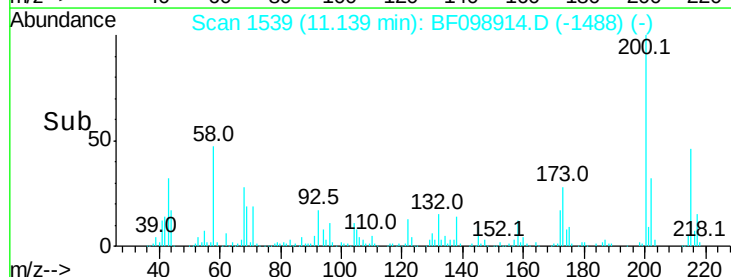
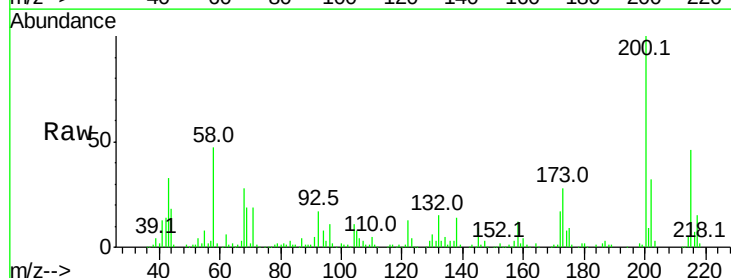
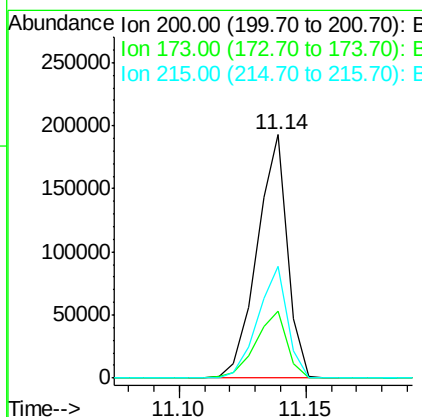
RT: 11.14 min Scan# 1539

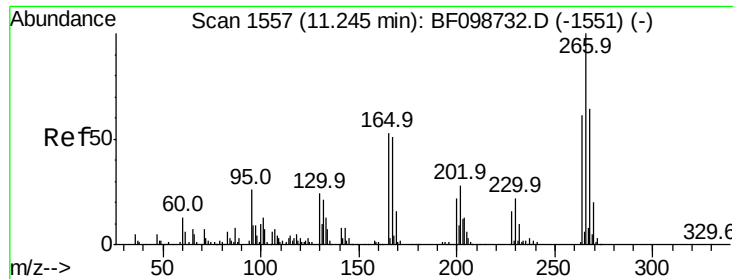
Delta R.T. -0.00 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	200	Resp:	160549
Ion Ratio	Lower	Upper	
200	100		
173	27.6	8.6	48.6
215	45.7	25.1	65.1





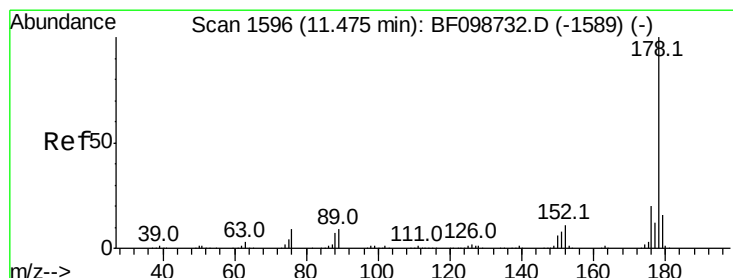
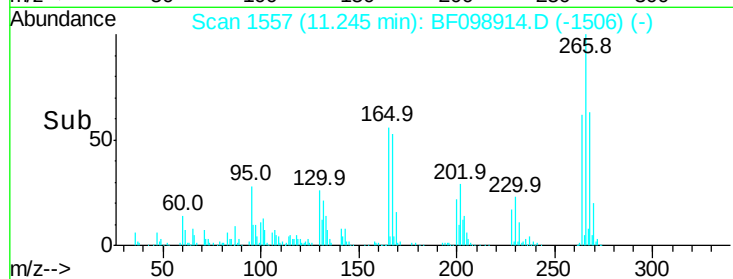
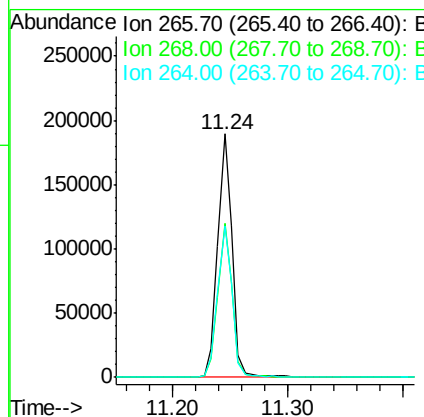
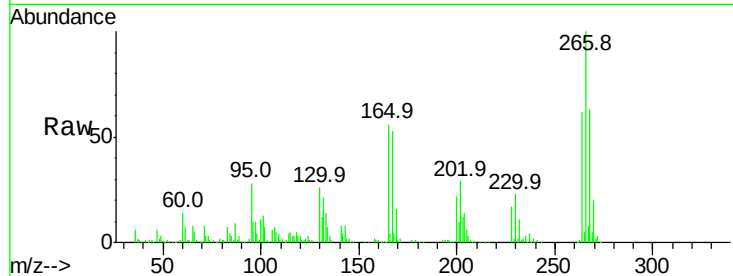
#69
 Pentachlorophenol
 Concen: 64.610 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampled :
 PB102707BS

Tot Ion:	266	Resp:	164522
Ion Ratio	Lower	Upper	
266	100		
268	63.3	51.1	76.7
264	62.4	49.5	74.3

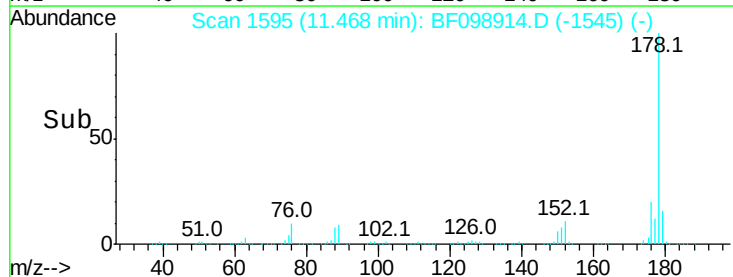
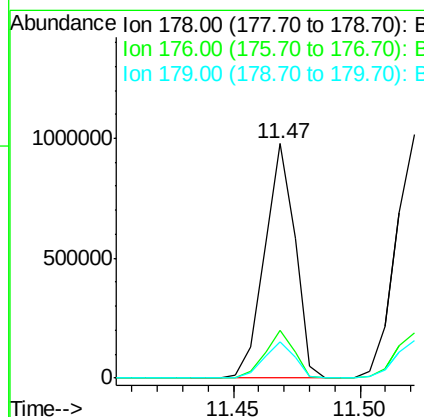
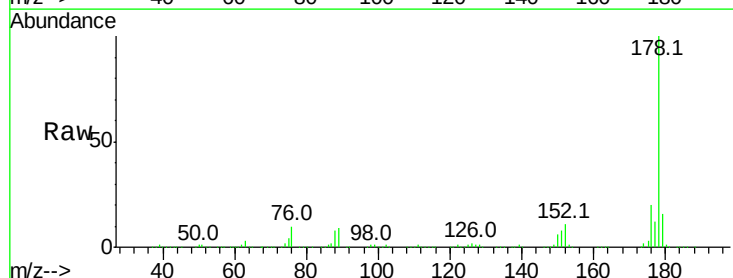
Manual Integrations
 APPROVED

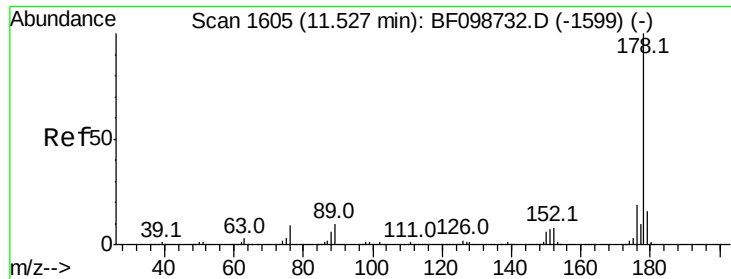
Sohil
 9/29/2017 6:04:23 PM



#70
 Phenanthrene
 Concen: 39.184 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion:	178	Resp:	820850
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.8	23.8
179	15.6	13.0	19.6





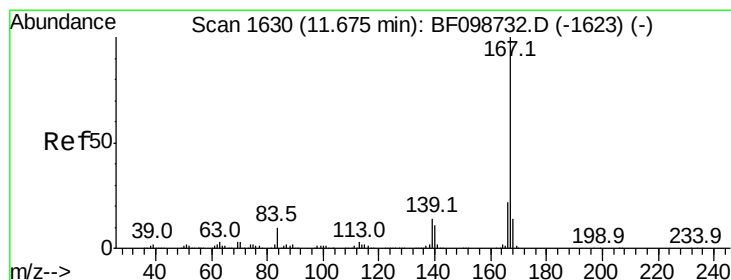
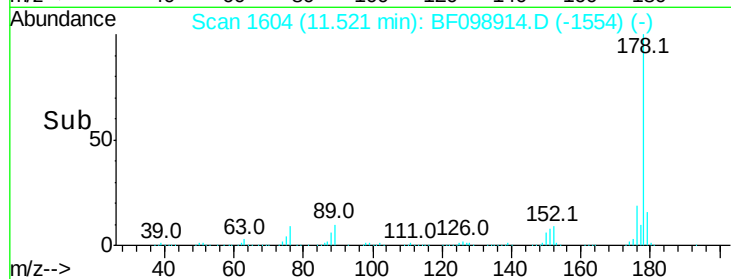
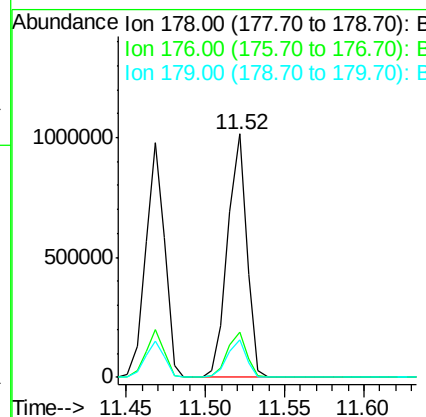
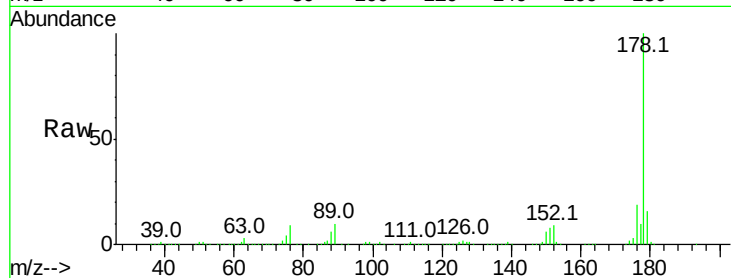
#71
 Anthracene
 Concen: 39.682 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.6	19.0

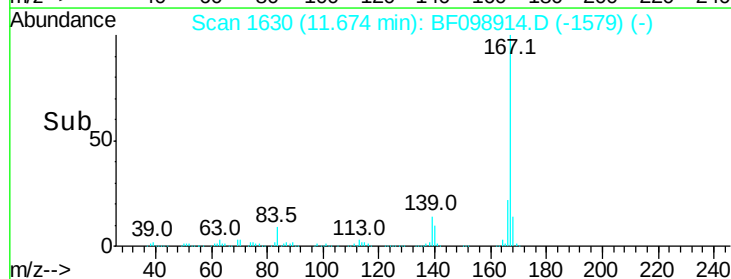
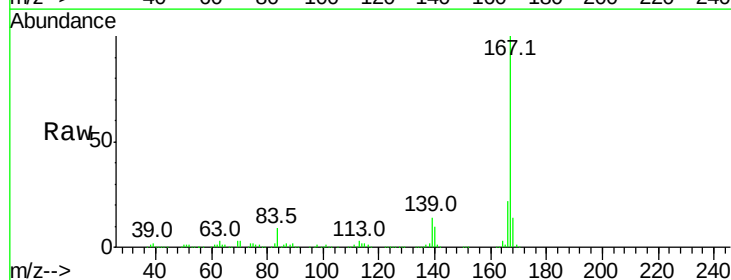
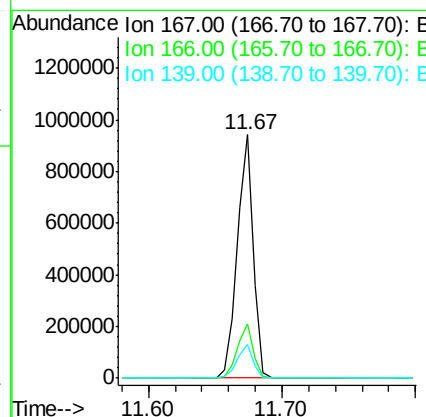
Manual Integrations
 APPROVED

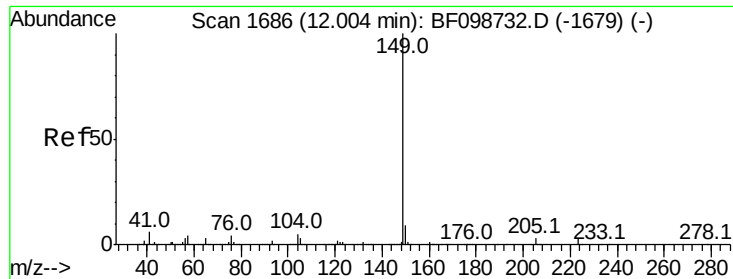
Sohil
 9/29/2017 6:04:23 PM



#72
 Carbazole
 Concen: 38.034 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.094 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102707BS

Tot Ion:149 Resp: 1012988

Ion Ratio Lower Upper

149 100

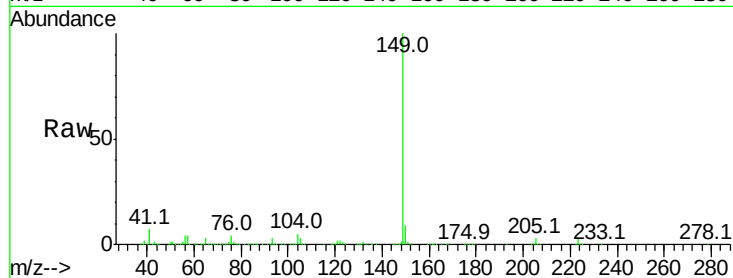
150 9.4 7.8 11.6

104 4.6 3.8 5.8

Manual Integrations
APPROVED

Sohil

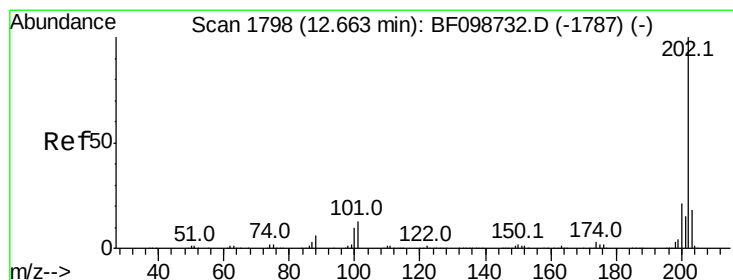
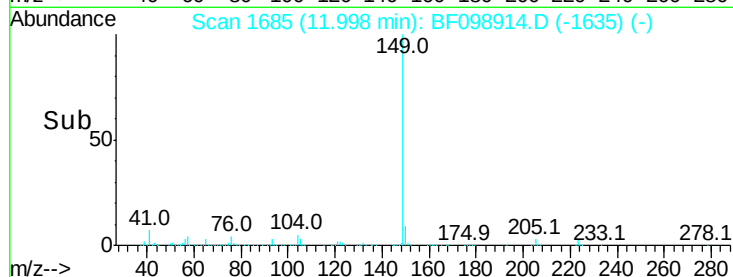
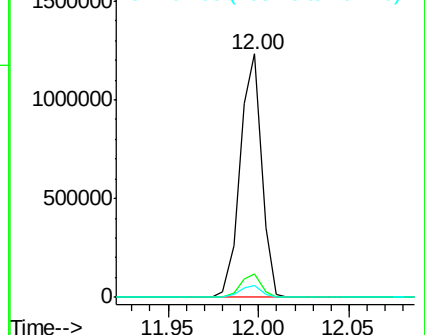
9/29/2017 6:04:23 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.428 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

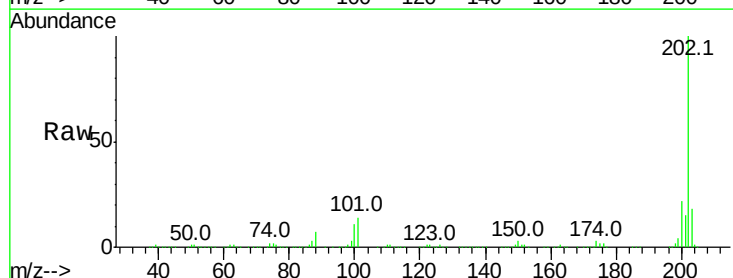
Tgt Ion:202 Resp: 857606

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

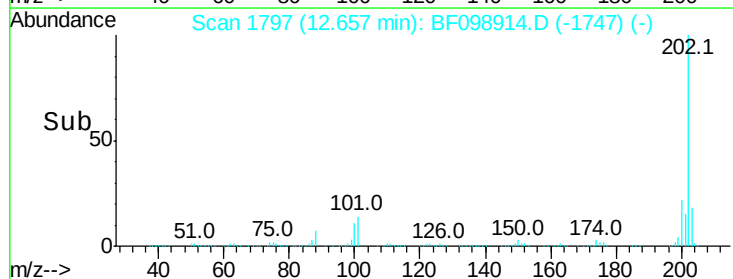
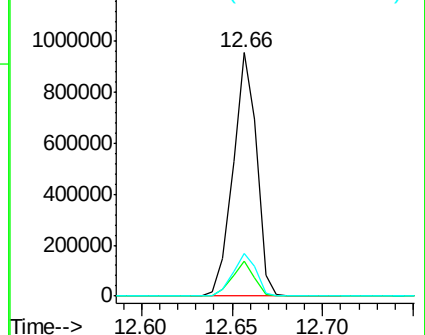
203 17.6 0.0 38.1

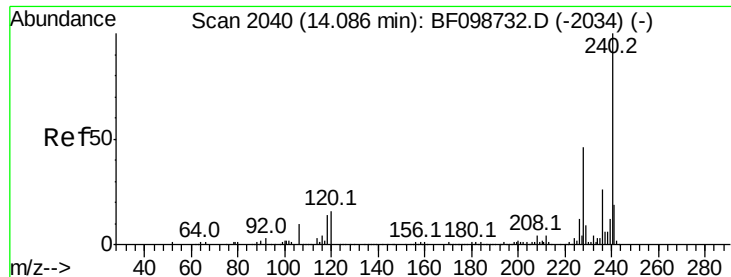


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

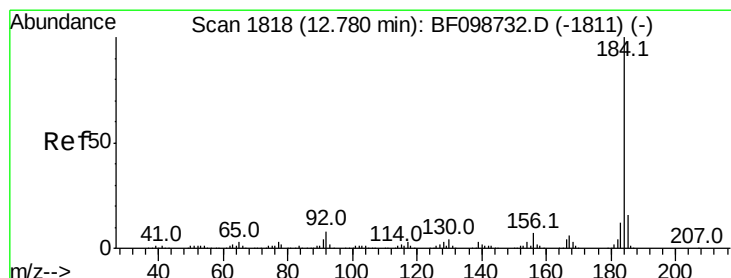
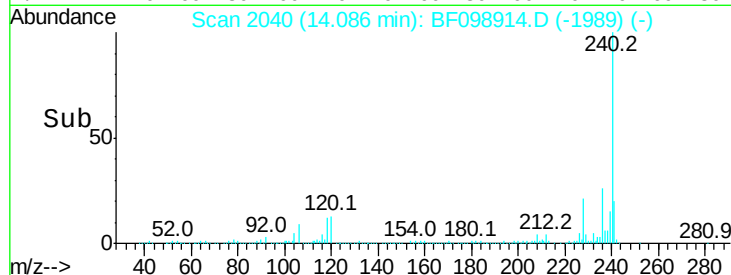
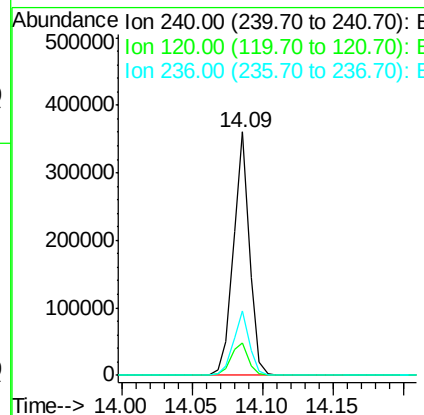
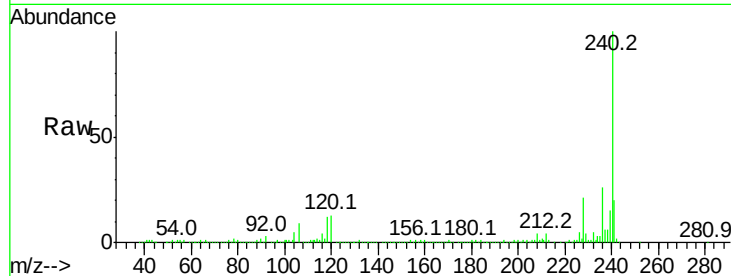
PB102707BS

Tot Ion:	240	Resp:	282790
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
APPROVED

Sohil

9/29/2017 6:04:23 PM



#76

Benzidine

Concen: 29.533 ng

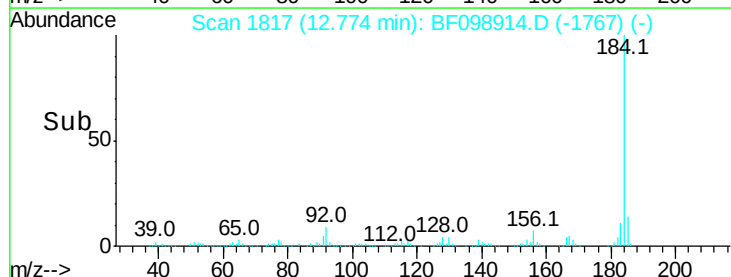
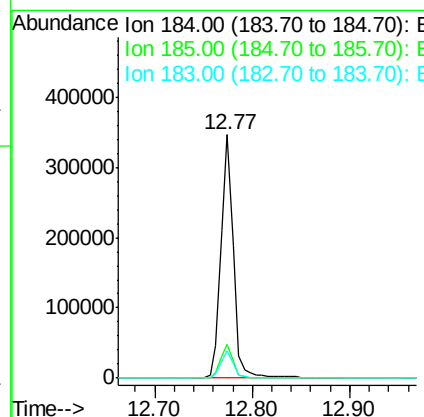
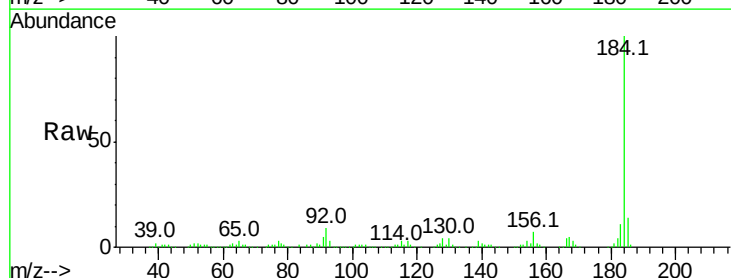
RT: 12.77 min Scan# 1817

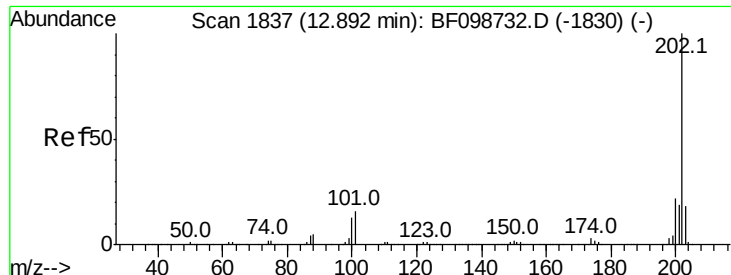
Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	184	Resp:	308896
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	11.4	9.3	13.9





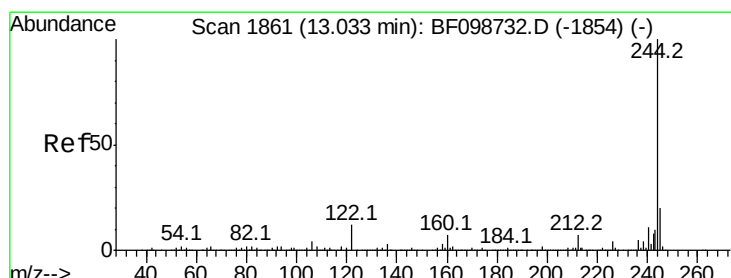
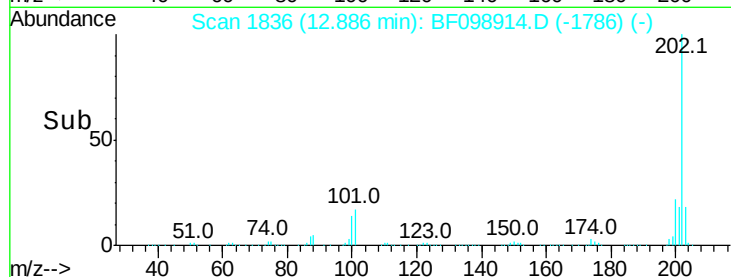
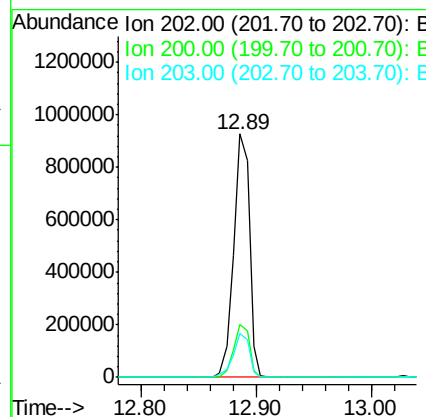
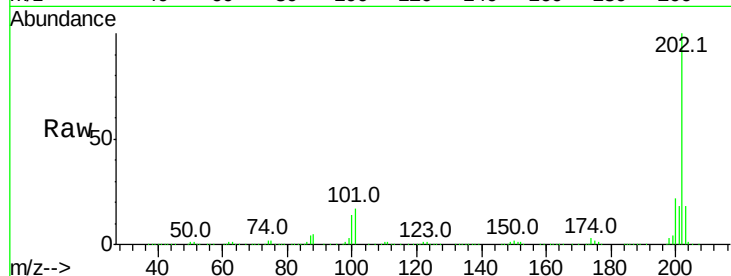
#77
Pvrene
Concen: 40.722 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

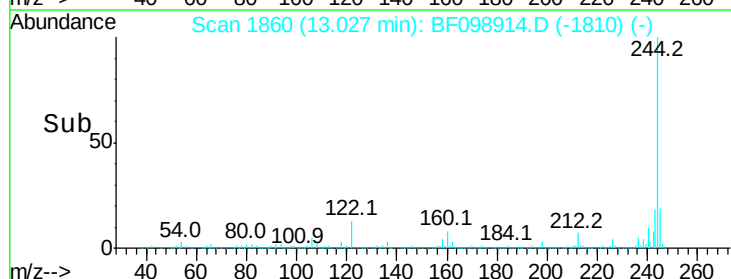
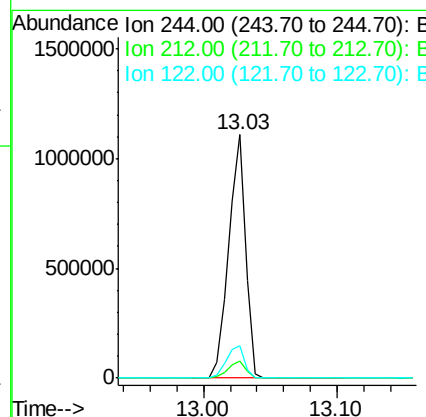
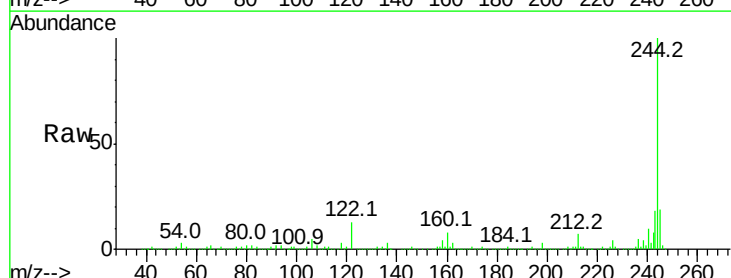
Manual Integrations
APPROVED

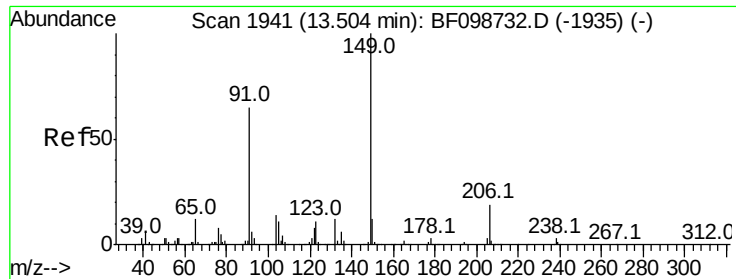
Sohil
9/29/2017 6:04:23 PM



#78
Terphenyl-d14
Concen: 80.105 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4





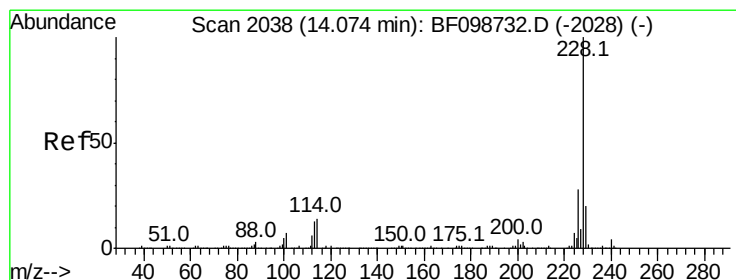
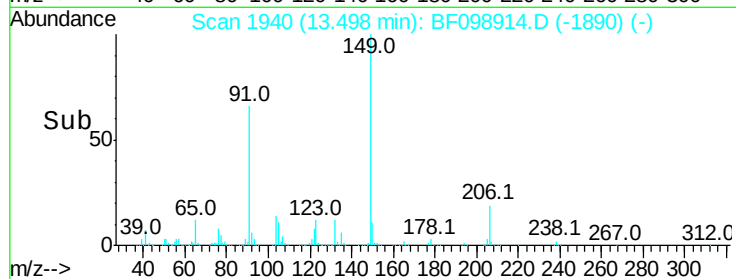
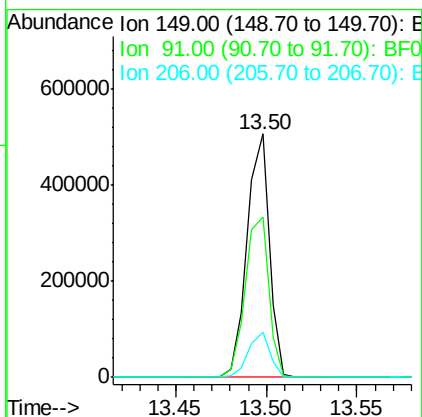
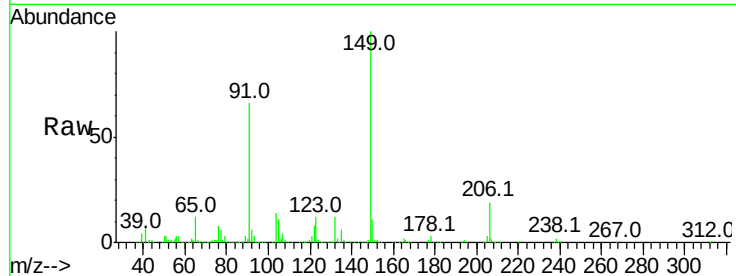
#79
Butylbenzylphthalate
Concen: 42.860 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102707BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	56.8	85.2
206	18.6	14.1	21.1

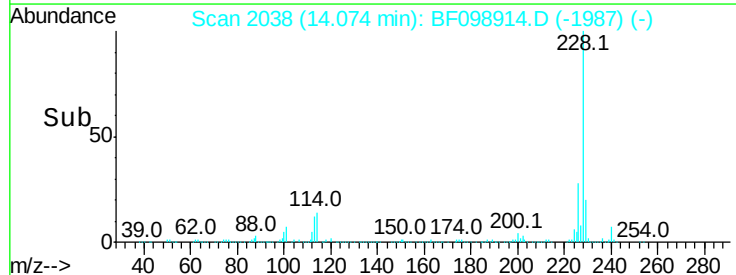
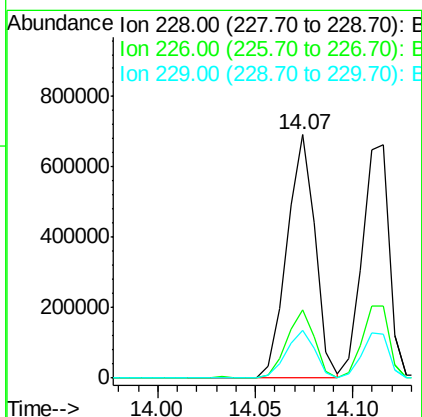
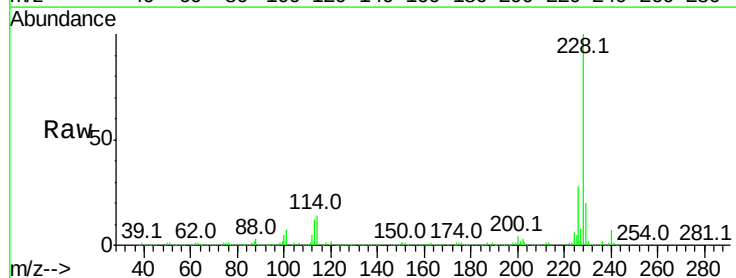
Manual Integrations
APPROVED

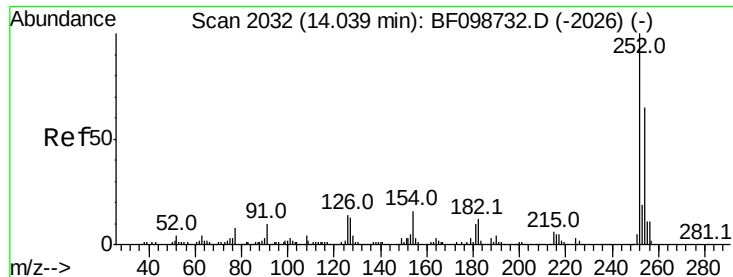
Sohil
9/29/2017 6:04:23 PM



#80
Benzo(a)anthracene
Concen: 40.183 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.6	15.8	23.6





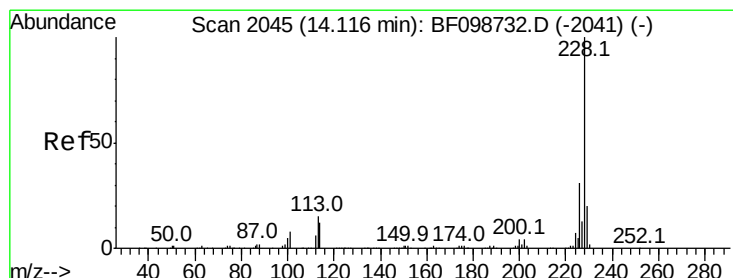
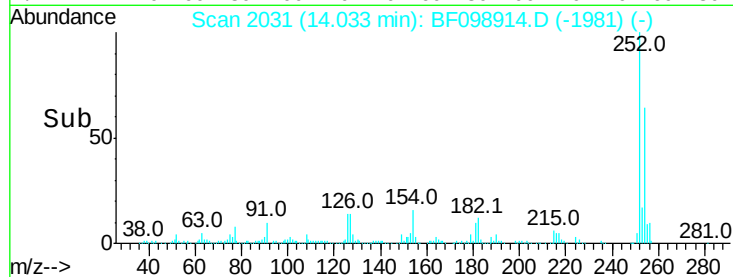
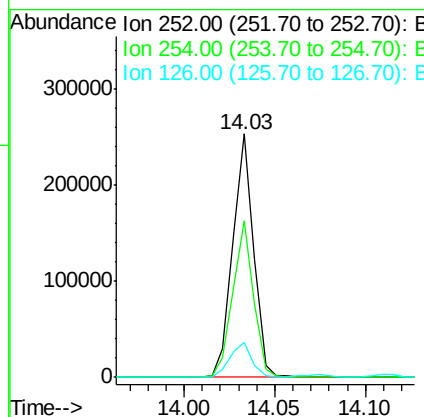
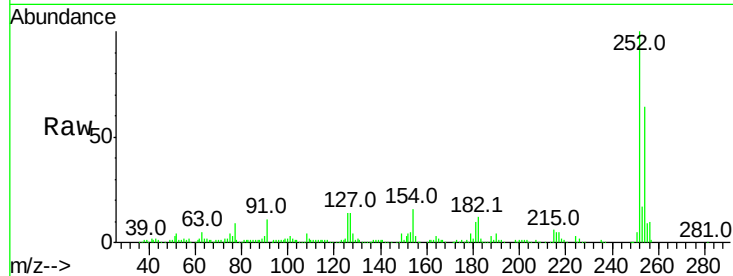
#81
 3,3'-Dichlorobenzidine
 Concen: 32.577 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	204498		
254	64.2	50.4	75.6	
126	14.2	11.3	16.9	

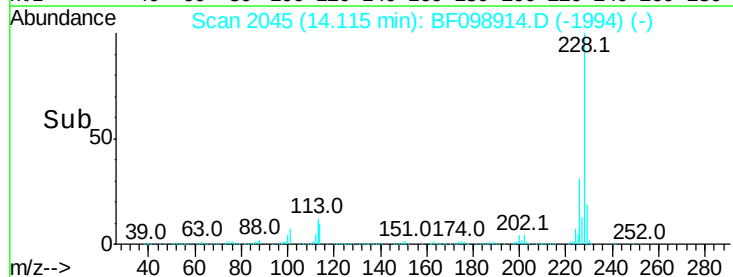
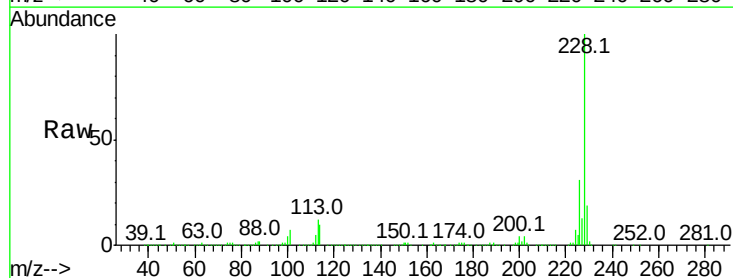
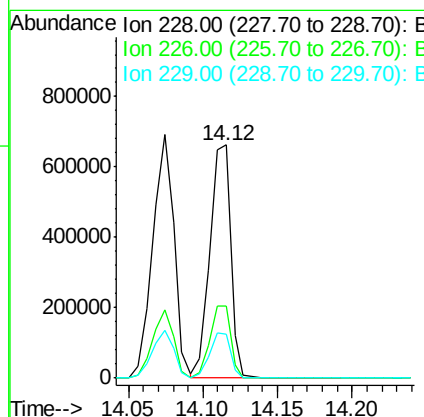
Manual Integrations
 APPROVED

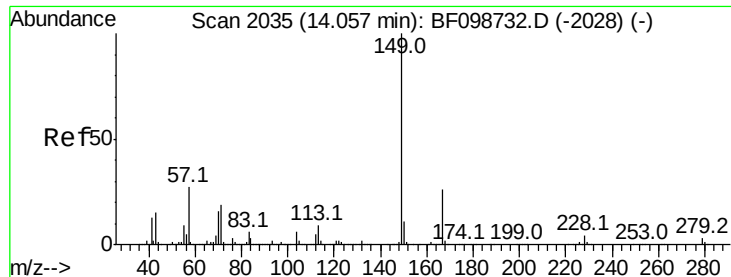
Sohil
 9/29/2017 6:04:23 PM



#82
 Chrysene
 Concen: 39.302 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	640725		
226	30.9	25.0	37.6	
229	18.8	16.2	24.4	





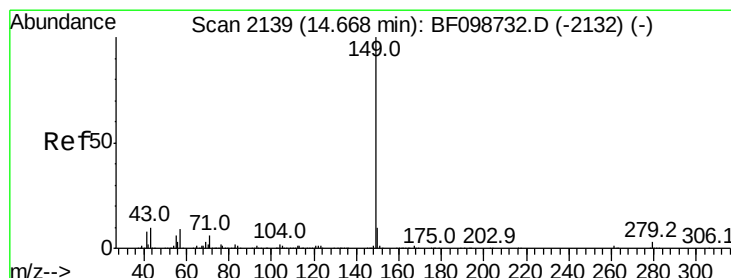
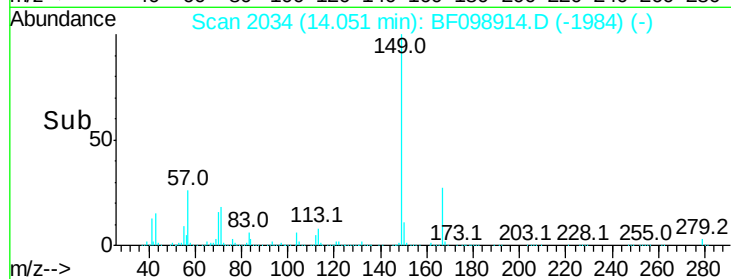
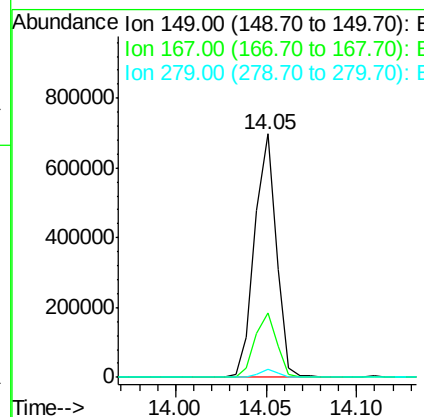
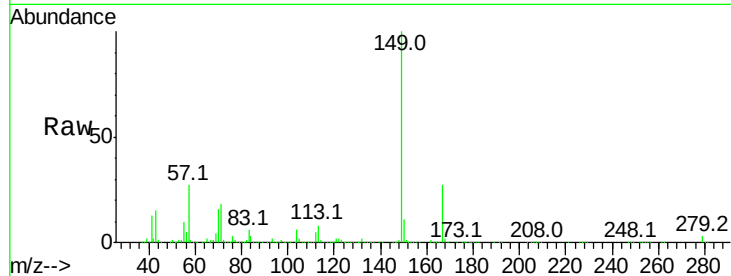
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.622 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	580813		
167	26.7		21.3	31.9
279	3.1		3.0	4.4

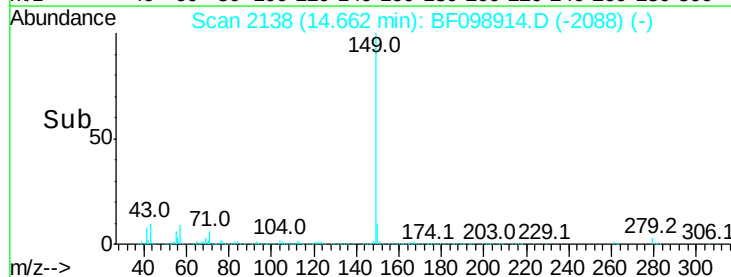
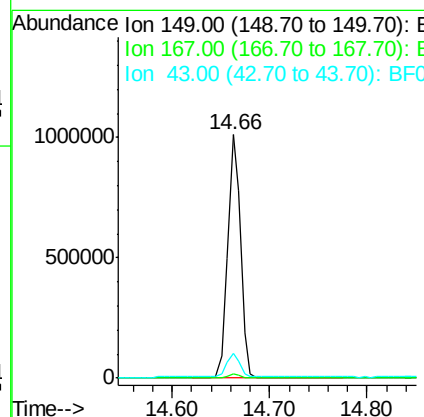
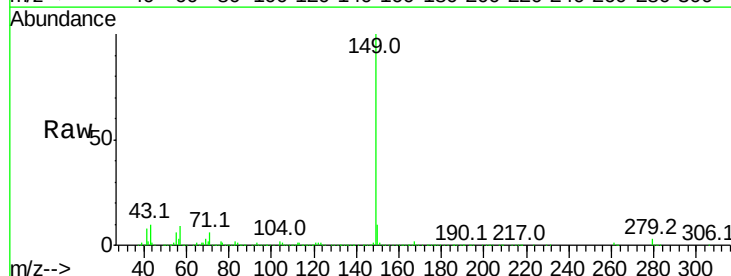
Manual Integrations
 APPROVED

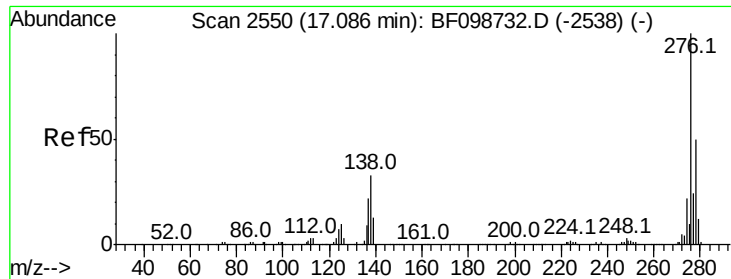
Sohil
 9/29/2017 6:04:23 PM



#84
 Di-n-octyl phthalate
 Concen: 40.868 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	918292		
167	1.5		1.2	1.8
43	10.2		8.4	12.6





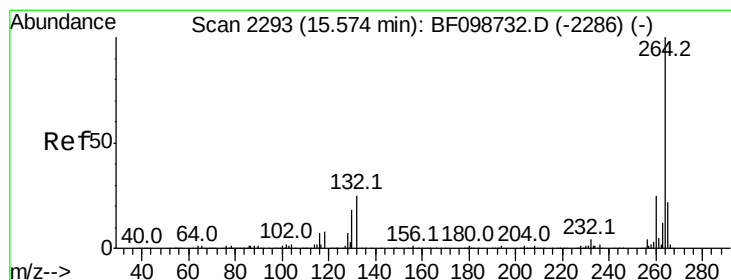
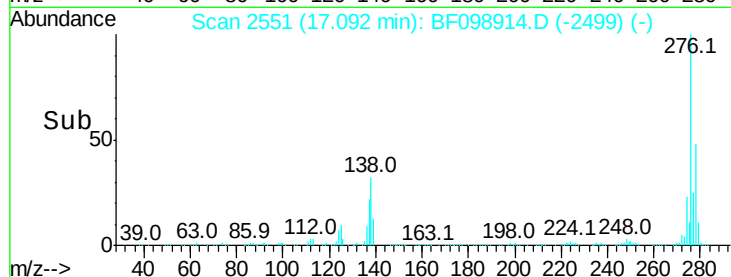
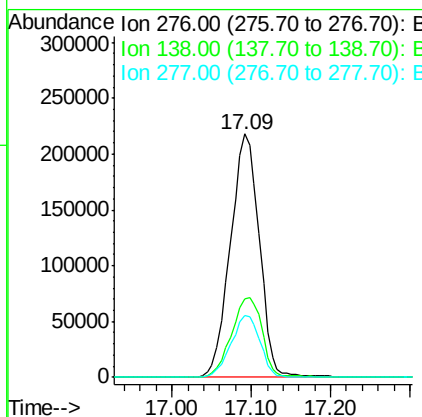
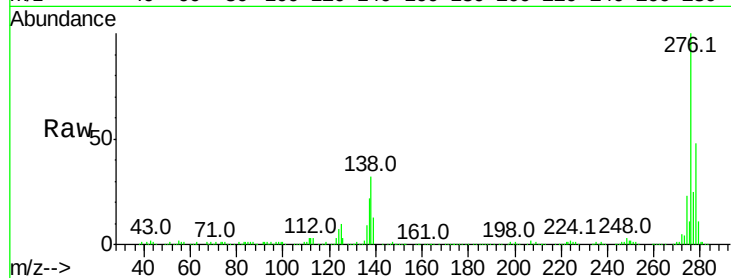
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.259 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	551106		
138	35.1	25.0	37.6	
277	25.6	20.1	30.1	

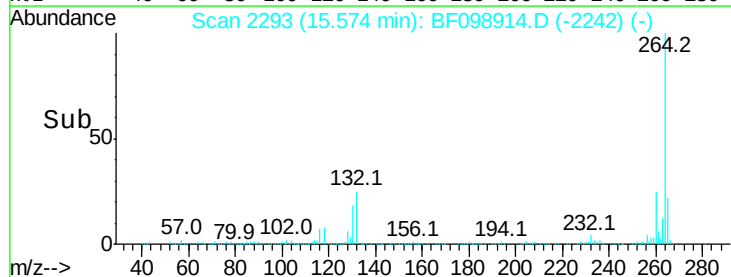
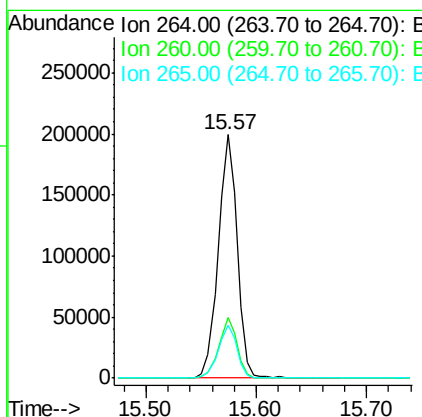
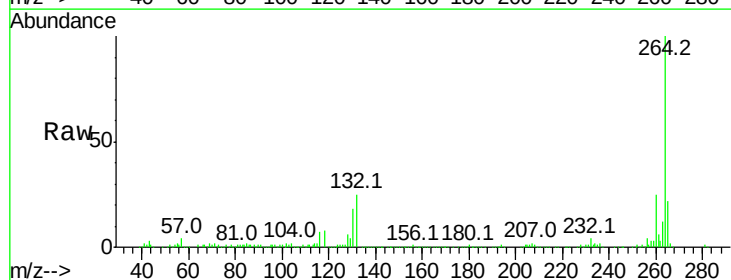
Manual Integrations
 APPROVED

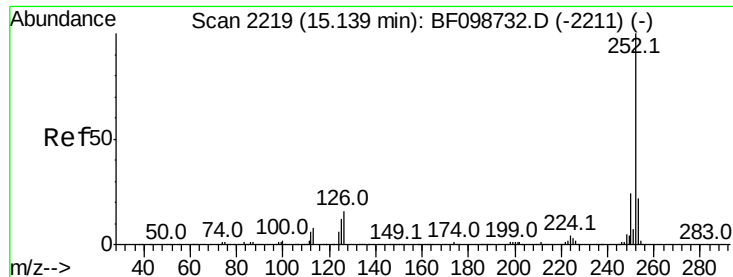
Sohil
 9/29/2017 6:04:23 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	237252		
260	24.7	19.2	28.8	
265	21.8	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 39.543 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Instrument :

BNA_F

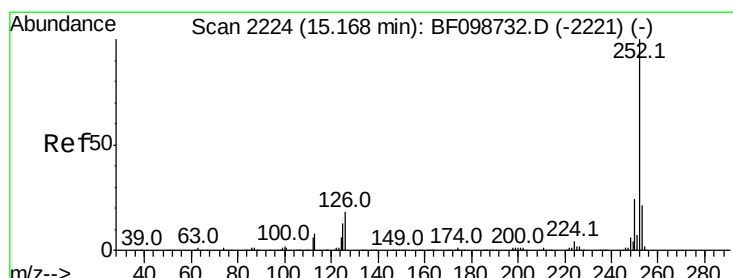
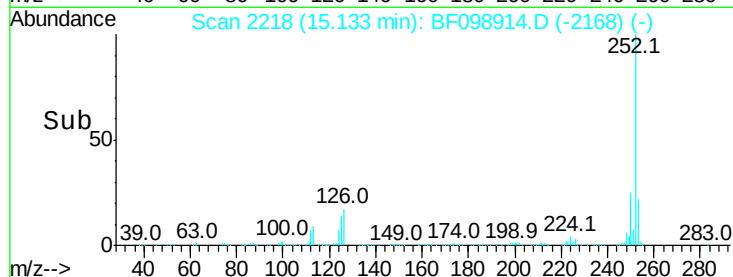
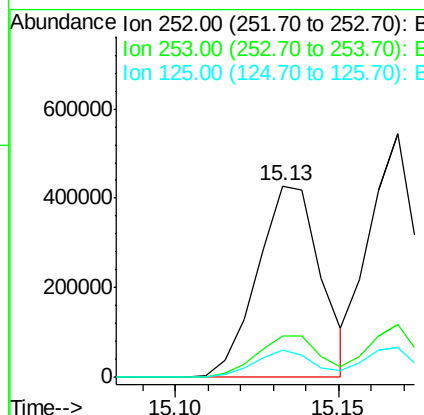
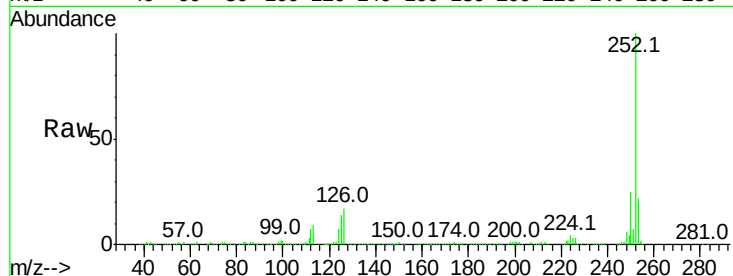
ClientSampleId :

PB102707BS

Tot Ion:	252	Resp:	576827
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	14.2	9.0	13.6

Manual Integrations
APPROVED

Sohil
9/29/2017 6:04:23 PM



#88

Benzo(k)fluoranthene

Concen: 37.661 ng

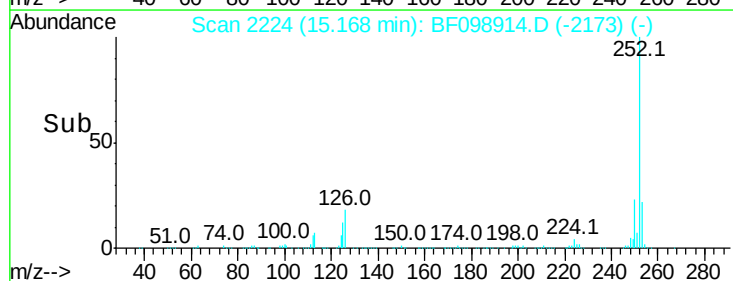
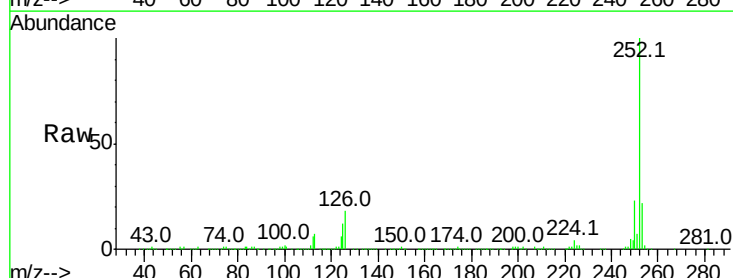
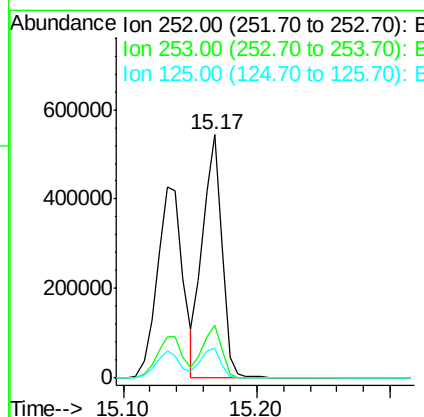
RT: 15.17 min Scan# 2224

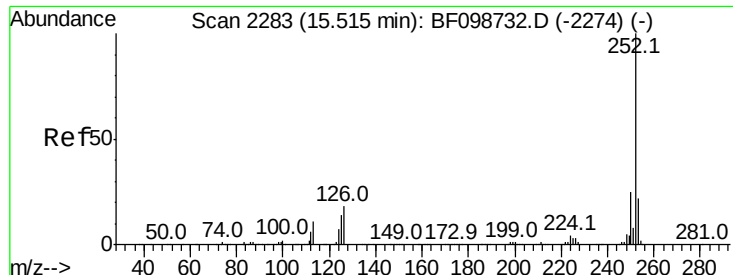
Delta R.T. -0.00 min

Lab File: BF098914.D

Acq: 28 Sep 2017 18:42

Tgt Ion:	252	Resp:	542614
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	12.4	10.2	15.2





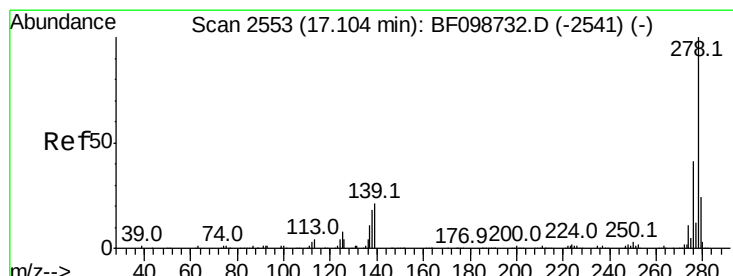
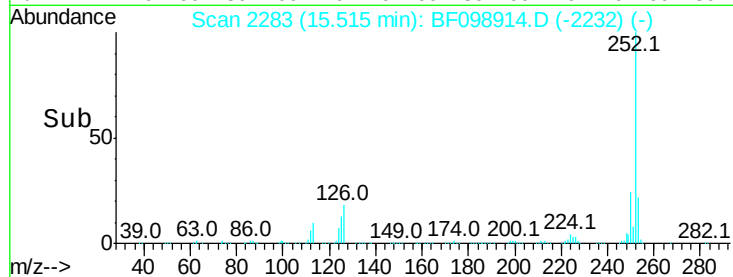
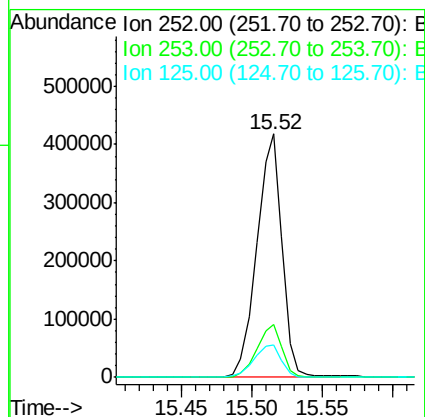
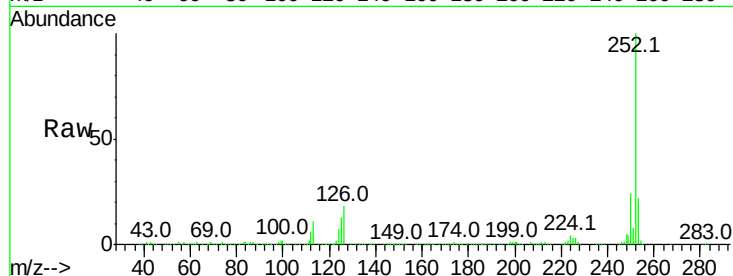
#89
Benzo(a)pyrene
Concen: 39.292 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Instrument :
BNA_F
ClientSampled :
PB102707BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.5	9.8	14.6

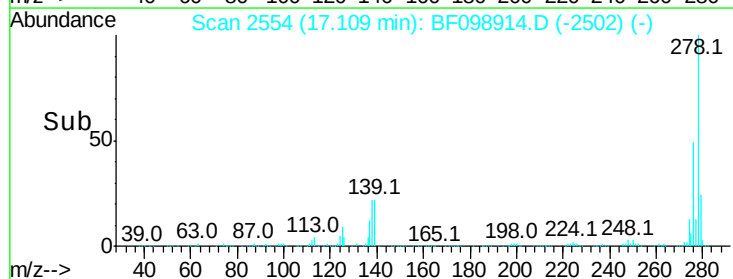
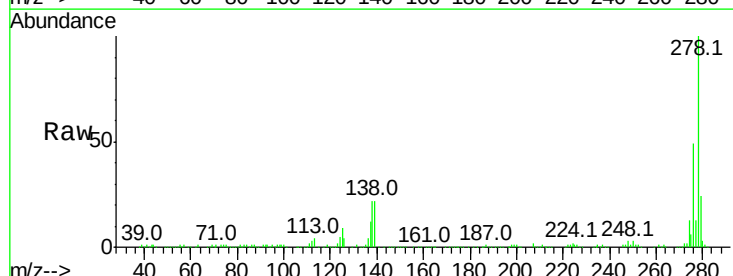
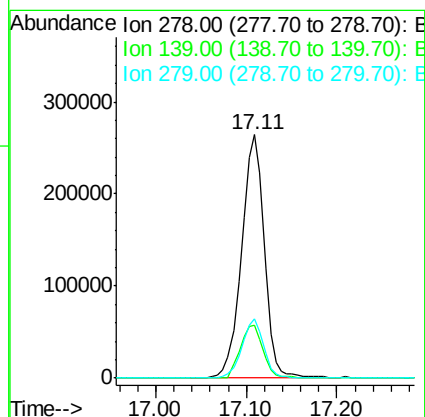
Manual Integrations
APPROVED

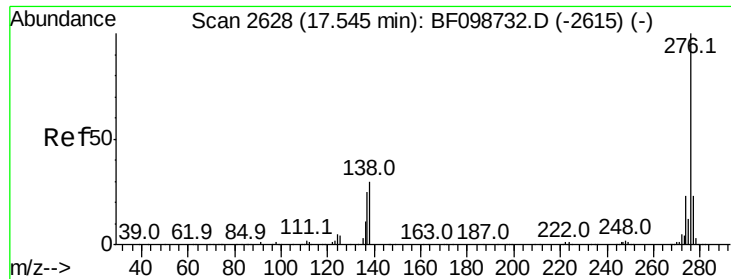
Sohil
9/29/2017 6:04:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.121 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098914.D
Acq: 28 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.829 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF098914.D
 Acq: 28 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102707BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	30.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/29/2017 6:04:23 PM

