

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103867.D
 Acq On : 23 Mar 2018 9:30
 Operator : JU/SJ
 Sample : PB107555BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:32:44 PM

Quant Time: Mar 23 14:01:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144007	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	599770	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	281822	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	535720	20.00	ng	0.00
75) Chrysene-d12	14.17	240	463297	20.00	ng	0.00
86) Perylene-d12	15.72	264	449453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1051425	111.05	ng	0.01
7) Phenol-d6	6.60	99	1314116	113.45	ng	0.00
23) Nitrobenzene-d5	7.54	82	808241	93.98	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	365568	150.87	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1452383	82.21	ng	0.00
78) Terphenyl-d14	13.10	244	1547877	77.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	155255	33.302	ng	90
3) Pyridine	3.65	79	450158	35.105	ng	89
4) n-Nitrosodimethylamine	3.61	42	178496	37.753	ng	# 76
6) Aniline	6.64	93	364338	22.027	ng	96
8) 2-Chlorophenol	6.76	128	433032	43.660	ng	95
9) Benzaldehyde	6.53	77	119565	15.712	ng	94
10) Phenol	6.62	94	514205	41.776	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	405007	39.859	ng	95
12) 1,3-Dichlorobenzene	6.92	146	443695	39.278	ng	99
13) 1,4-Dichlorobenzene	6.99	146	446398	39.326	ng	100
14) 1,2-Dichlorobenzene	7.15	146	418418	39.723	ng	99
15) Benzyl Alcohol	7.12	79	375853	41.878	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	537298	37.178	ng	93
17) 2-Methylphenol	7.22	107	363591	41.166	ng	99
18) Hexachloroethane	7.49	117	161403	40.423	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	283075	38.133	ng	92
20) 3+4-Methylphenols	7.37	107	446384	39.824	ng	# 84
22) Acetophenone	7.38	105	565937	36.715	ng	# 96
24) Nitrobenzene	7.56	77	440772	43.653	ng	98
25) Isophorone	7.79	82	826139	41.494	ng	99
26) 2-Nitrophenol	7.87	139	242050	60.054	ng	90
27) 2,4-Dimethylphenol	7.90	122	411645	48.262	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	524464	43.502	ng	100
29) 2,4-Dichlorophenol	8.11	162	365492	47.100	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	365693	40.631	ng	98
31) Naphthalene	8.28	128	1206472	39.821	ng	99
32) Benzoic acid	8.03	122	302689	49.821	ng	95
33) 4-Chloroaniline	8.32	127	99086	7.795	ng	96
34) Hexachlorobutadiene	8.39	225	191075	38.721	ng	98
35) Caprolactam	8.70	113	128739m	48.180	ng	
36) 4-Chloro-3-methylphenol	8.80	107	399241	46.669	ng	98
37) 2-Methylnaphthalene	8.97	142	813597	42.346	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	341788	42.511	ng	99
40) Hexachlorocyclopentadiene	9.12	237	383730	92.494	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103867.D
 Acq On : 23 Mar 2018 9:30
 Operator : JU/SJ
 Sample : PB107555BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

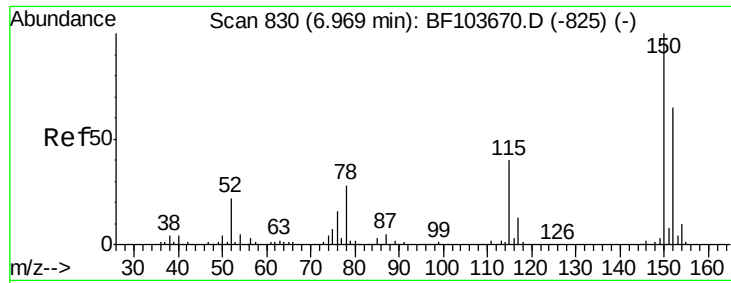
Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:32:44 PM

Quant Time: Mar 23 14:01:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	257489	50.069	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	276911	47.707	nq	96
45) 1,1'-Biphenyl	9.43	154	959029	40.810	nq	99
46) 2-Chloronaphthalene	9.46	162	765866	41.032	nq	100
47) 2-Nitroaniline	9.56	65	242815	49.484	nq	99
48) Acenaphthylene	9.88	152	1185577	40.962	nq	99
49) Dimethylphthalate	9.73	163	939837	43.710	nq	100
50) 2,6-Dinitrotoluene	9.80	165	214032	51.171	nq	98
51) Acenaphthene	10.06	154	696015	40.499	nq	100
52) 3-Nitroaniline	9.97	138	124208	26.751	nq	98
53) 2,4-Dinitrophenol	10.08	184	210559	119.055	nq #	21
54) Dibenzofuran	10.23	168	1062910	43.304	nq	99
55) 4-Nitrophenol	10.13	139	388699	97.577	nq	95
56) 2,4-Dinitrotoluene	10.21	165	292593	54.552	nq #	90
57) Fluorene	10.57	166	831356	43.649	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	224539	54.594	nq	94
59) Diethylphthalate	10.43	149	914616	42.858	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	385864	44.330	nq	97
61) 4-Nitroaniline	10.59	138	238609	49.598	nq	93
62) Azobenzene	10.72	77	861237	39.694	nq	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	142181	62.940	nq #	71
65) n-Nitrosodiphenylamine	10.68	169	751462	41.210	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	236501	42.997	nq	90
67) Hexachlorobenzene	11.12	284	269124	42.869	nq #	89
68) Atrazine	11.20	200	251589	44.601	nq	99
69) Pentachlorophenol	11.32	266	295633	81.910	nq	98
70) Phenanthrene	11.54	178	1221162	41.671	nq	99
71) Anthracene	11.59	178	1263416	42.448	nq	100
72) Carbazole	11.75	167	1197317	41.388	nq	99
73) Di-n-butylphthalate	12.06	149	1445078	41.631	nq	100
74) Fluoranthene	12.73	202	1309857	43.386	nq	99
76) Benzidine	12.85	184	416640	21.085	nq	98
77) Pyrene	12.97	202	1322280	38.863	nq	100
79) Butylbenzylphthalate	13.57	149	669508	44.413	nq	99
80) Benzo(a)anthracene	14.16	228	1256999	42.862	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	239499	24.415	nq	99
82) Chrysene	14.20	228	1154264	41.289	nq	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	909564	42.236	nq	98
84) Di-n-octyl phthalate	14.76	149	1606771	51.286	nq	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	1071367	43.884	nq	98
87) Benzo(b)fluoranthene	15.26	252	1281941	45.146	nq	98
88) Benzo(k)fluoranthene	15.29	252	1058324	38.773	nq	98
89) Benzo(a)pyrene	15.66	252	1111750	43.167	nq	99
90) Dibenzo(a,h)anthracene	17.33	278	894210	40.097	nq	98
91) Benzo(g,h,i)perylene	17.79	276	871677	40.178	nq	98

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



#1

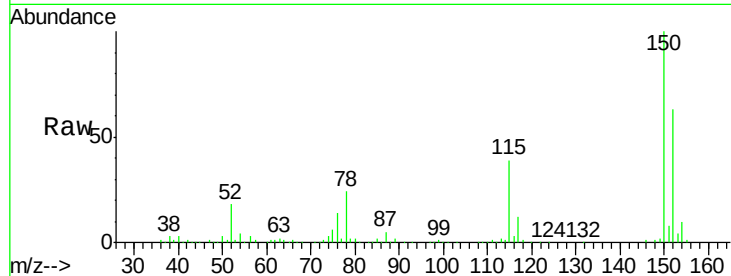
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.8	50.1	75.1

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM

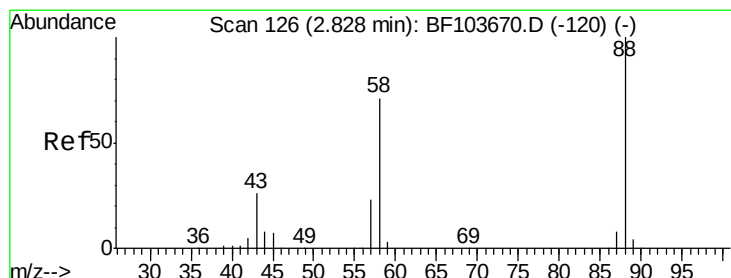
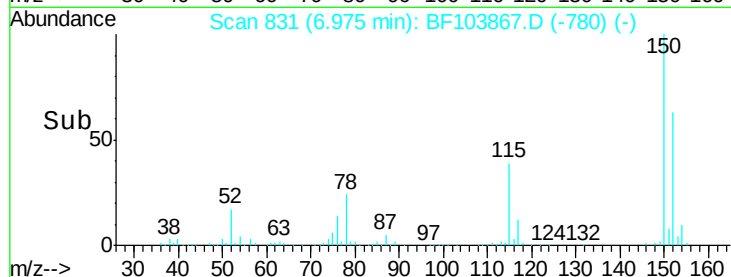
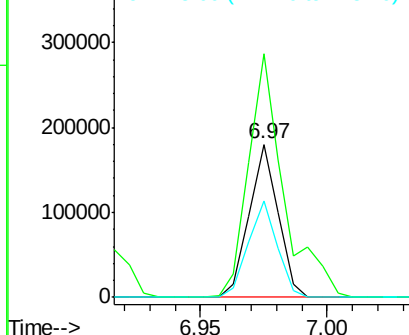


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

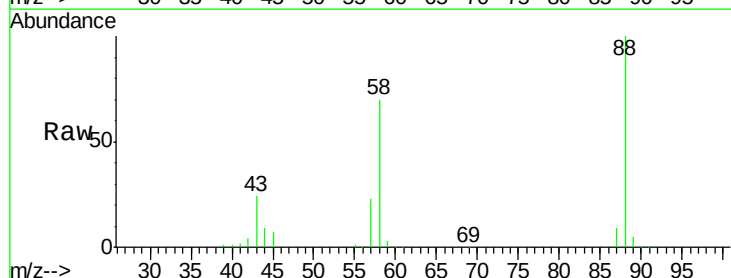
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.302 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.04 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	62.6	93.8
43	24.9	24.6	37.0

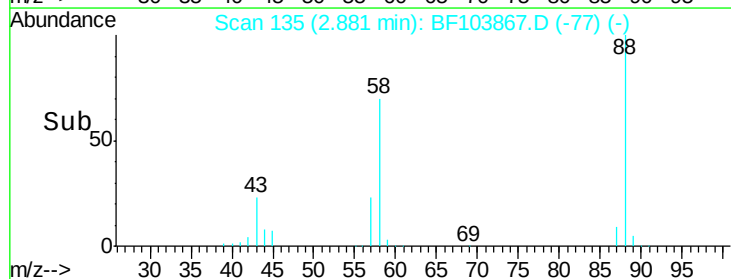
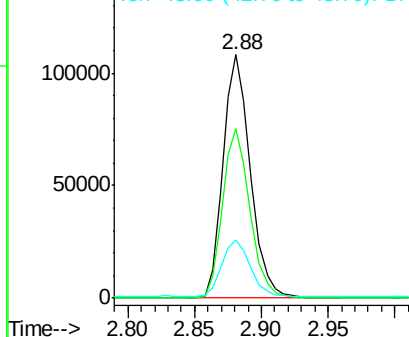


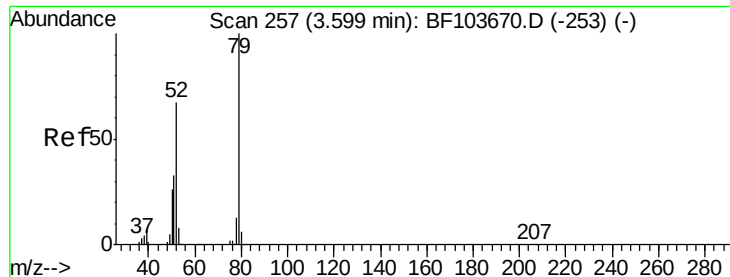
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.105 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.04 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

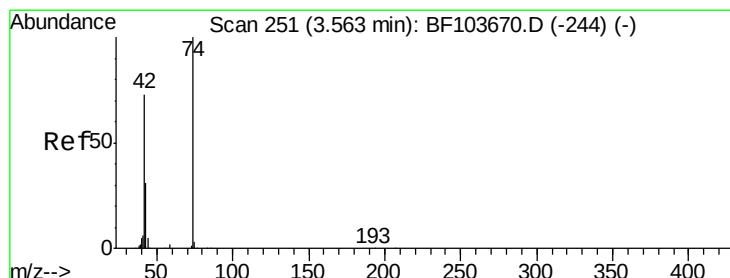
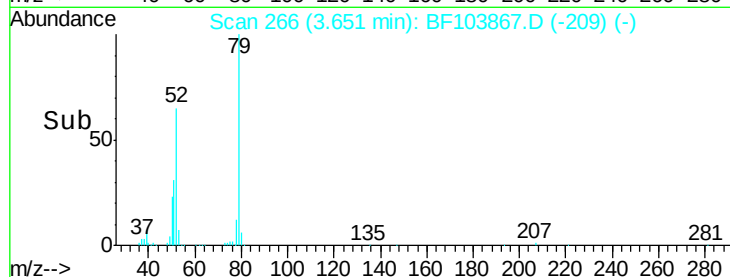
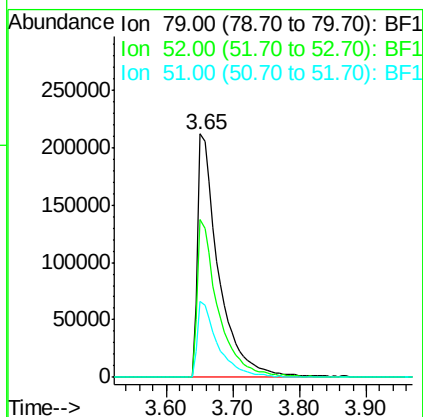
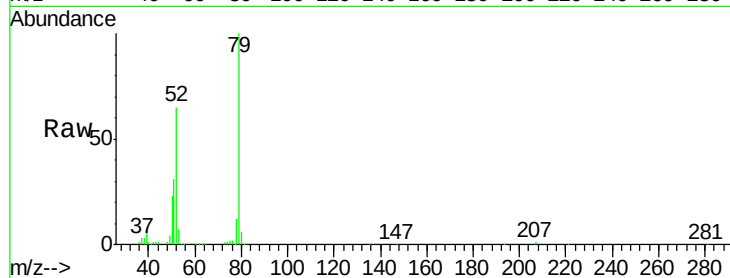
ClientSampled :

PB107555BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		450158		
52	64.8	59.8	89.6		
51	31.0	29.8	44.8		

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#4

n-Nitrosodimethylamine

Concen: 37.753 ng

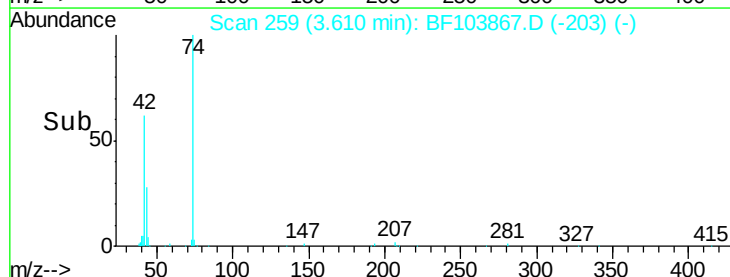
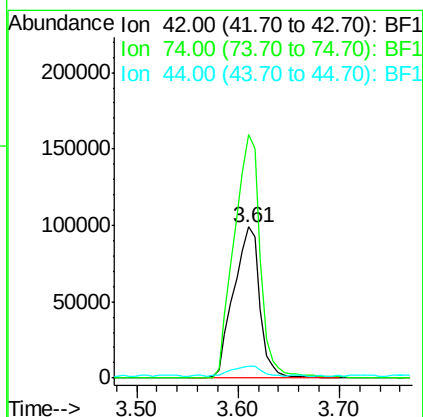
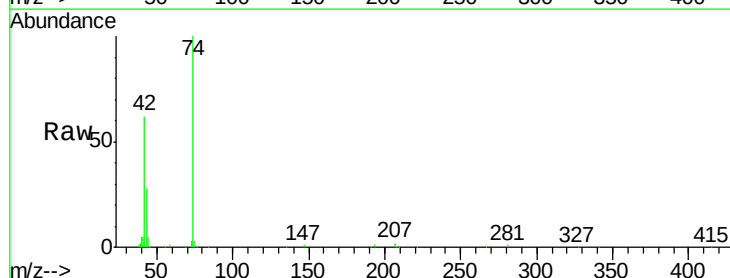
RT: 3.61 min Scan# 259

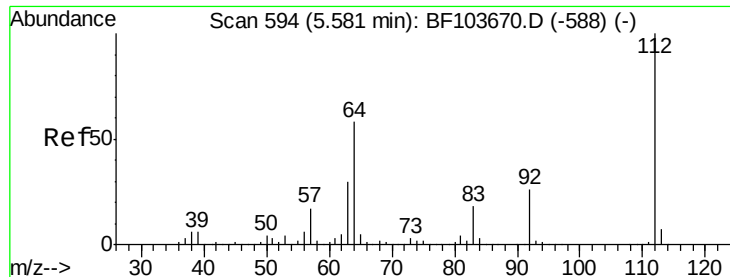
Delta R.T. 0.03 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		178496		
74	160.9	104.9	157.3#		
44	8.1	6.9	10.3		





#5

2-Fluorophenol

Concen: 111.051 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

PB107555BS

Tot Ion: 112 Resp: 1051425

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

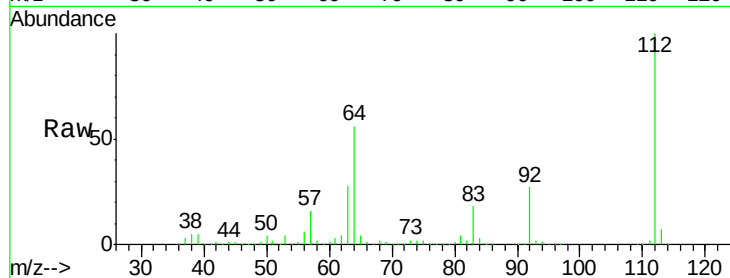
63 28.1 23.7 35.5

Manual Integrations

APPROVED

Sohil

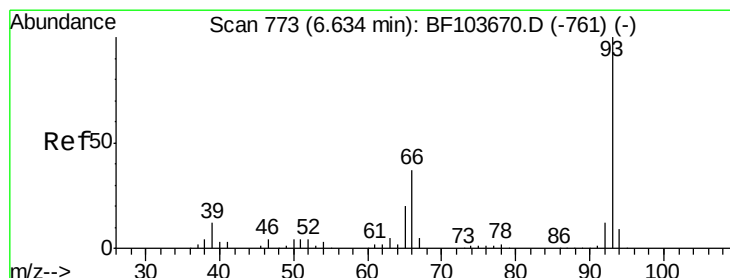
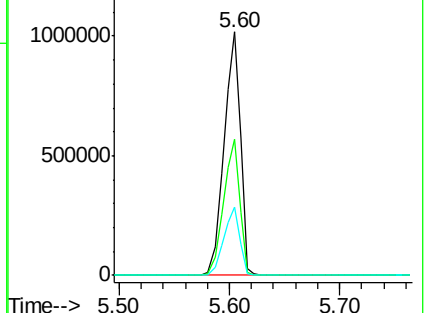
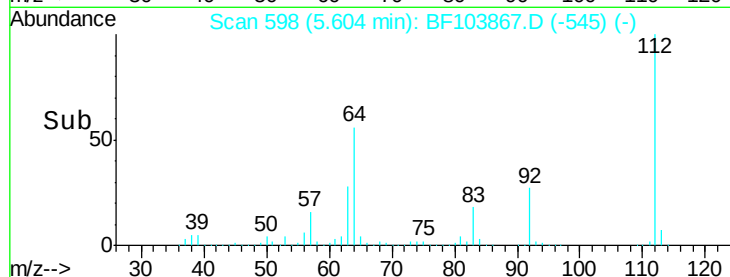
3/26/2018 4:32:44 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.027 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

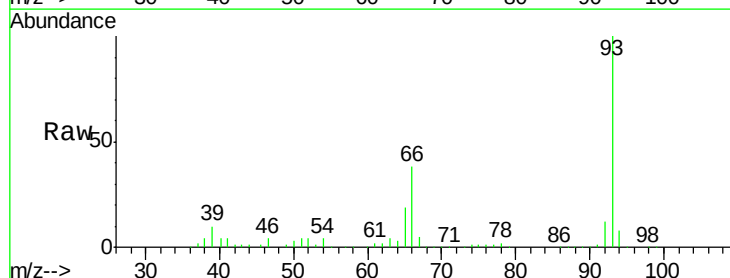
Tgt Ion: 93 Resp: 364338

Ion Ratio Lower Upper

93 100

66 37.8 32.2 48.2

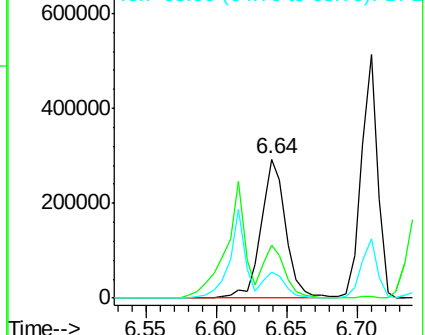
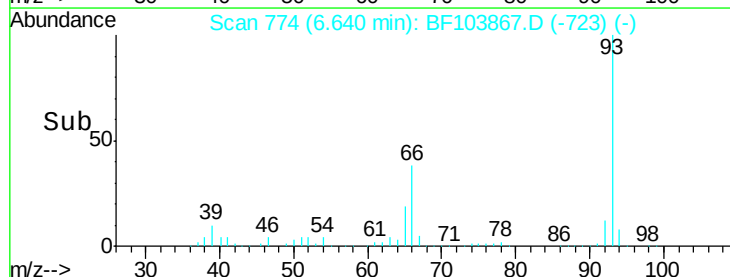
65 19.1 16.4 24.6

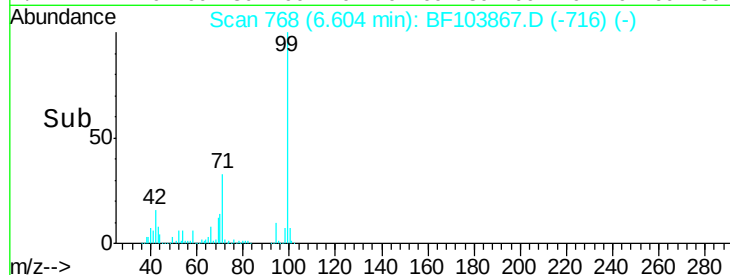
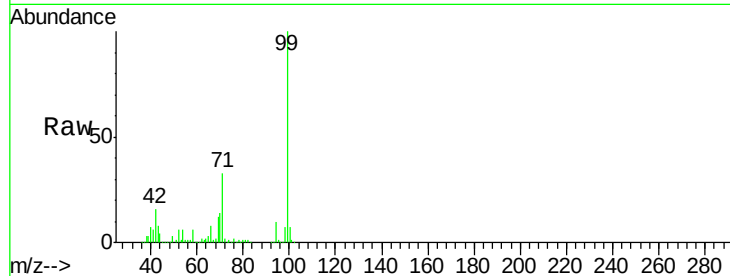
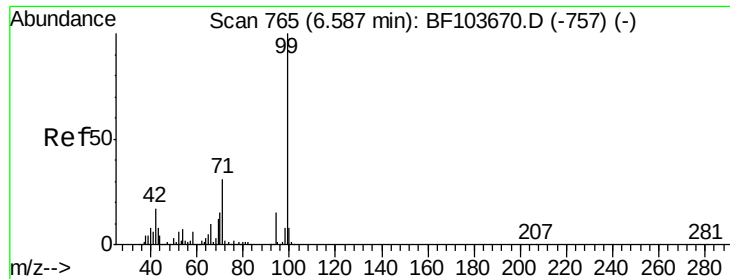


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.448 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tot Ion:	99	Resp:	1314116
Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.6	25.4	38.0

Instrument :

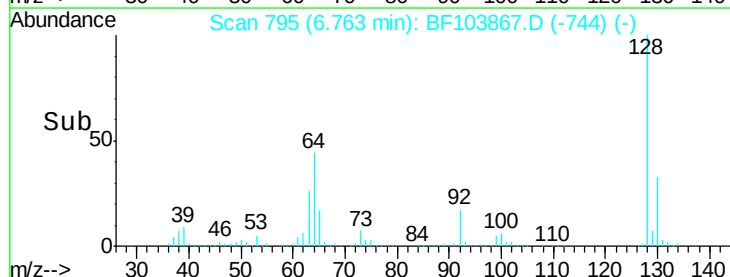
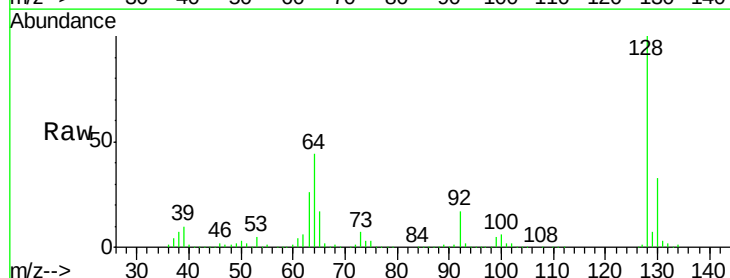
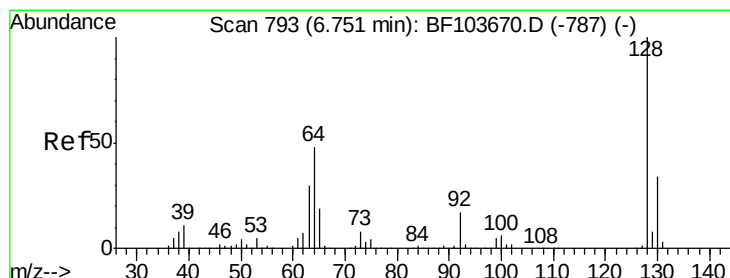
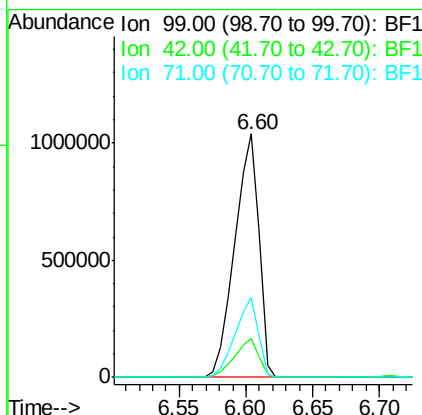
BNA_F

ClientSampled :

PB107555BS

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#8

2-Chlorophenol

Concen: 43.660 ng

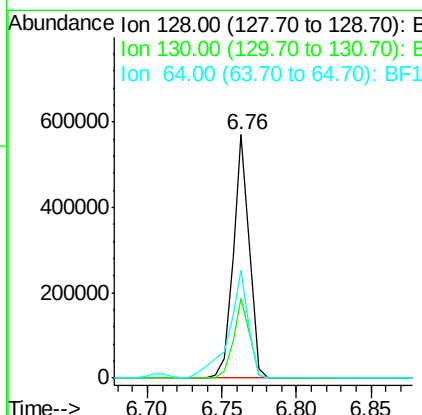
RT: 6.76 min Scan# 795

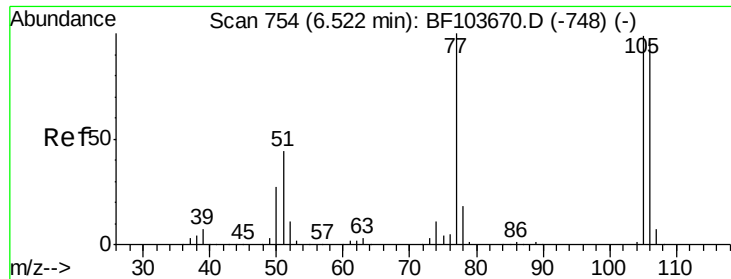
Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	128	Resp:	433032
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	44.3	29.4	69.4





#9

Benzaldehyde

Concen: 15.712 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

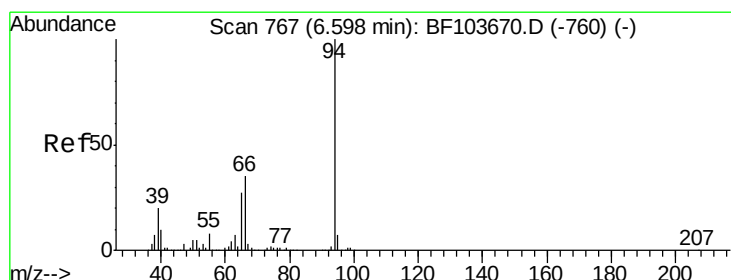
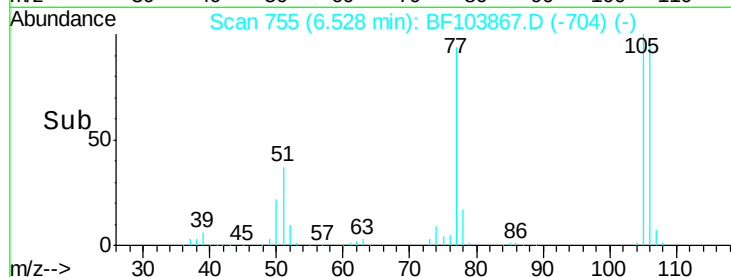
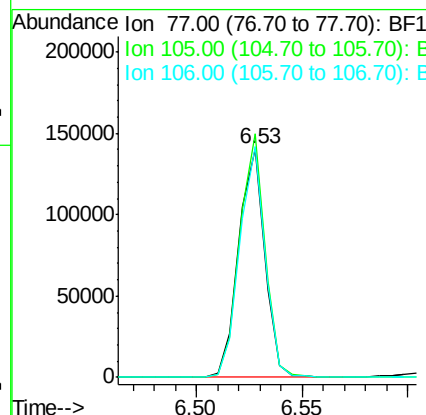
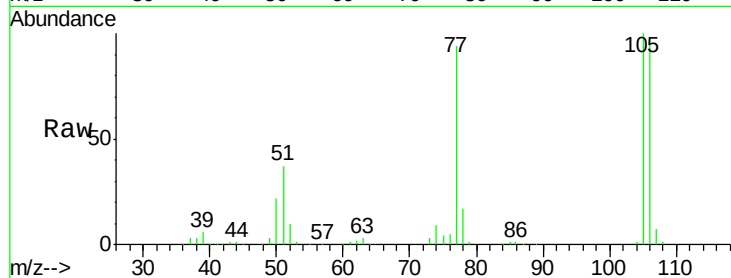
ClientSampleId :

PB107555BS

Tot Ion:	77	Resp:	119565
Ion Ratio	Lower	Upper	
77	100		
105	106.5	81.1	121.1
106	100.8	74.5	114.5

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#10

Phenol

Concen: 41.776 ng

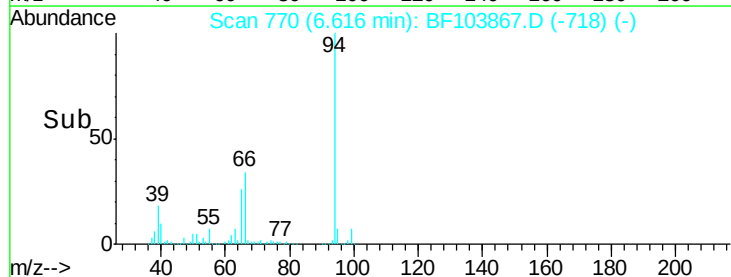
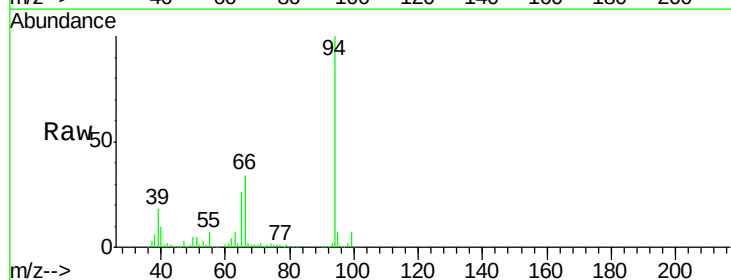
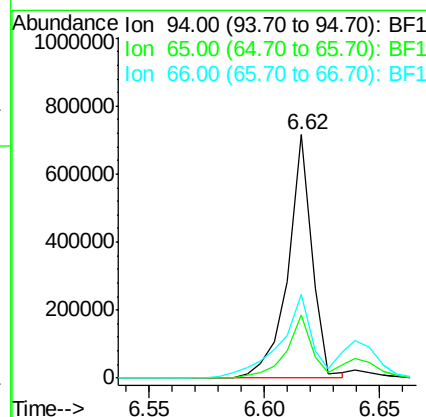
RT: 6.62 min Scan# 770

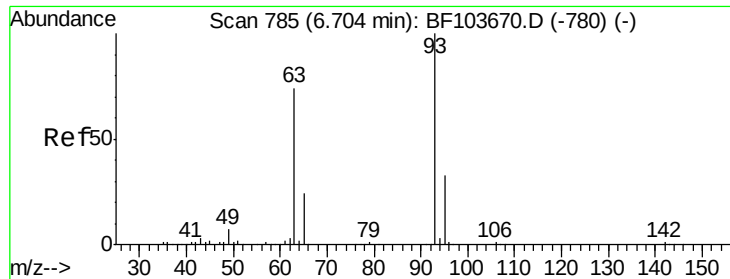
Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	94	Resp:	514205
Ion Ratio	Lower	Upper	
94	100		
65	26.0	7.9	47.9
66	34.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.859 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

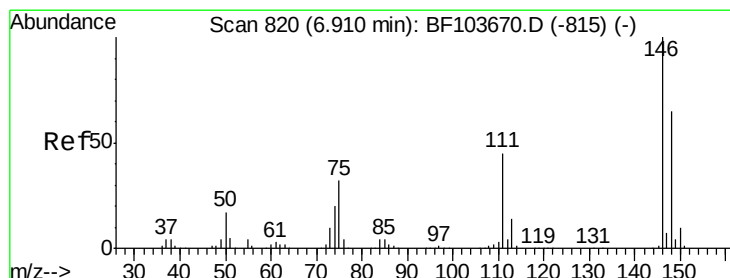
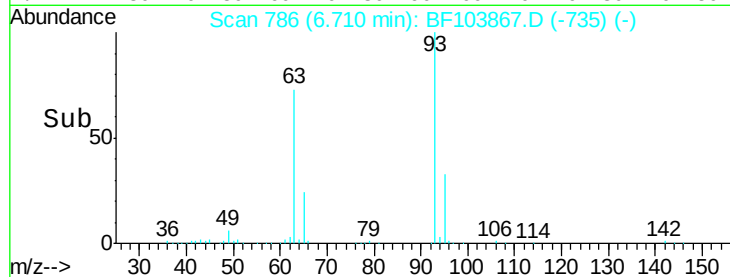
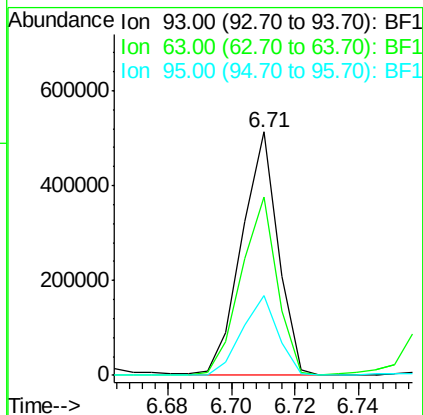
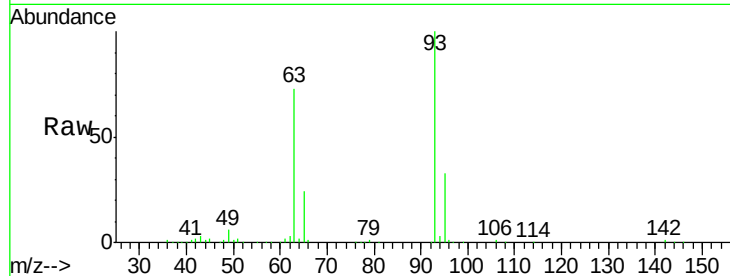
ClientSampleId :

PB107555BS

Tot Ion:	93	Resp:	405007
Ion Ratio	Lower	Upper	
93	100		
63	73.1	58.6	98.6
95	32.6	11.8	51.8

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#12

1,3-Dichlorobenzene

Concen: 39.278 ng

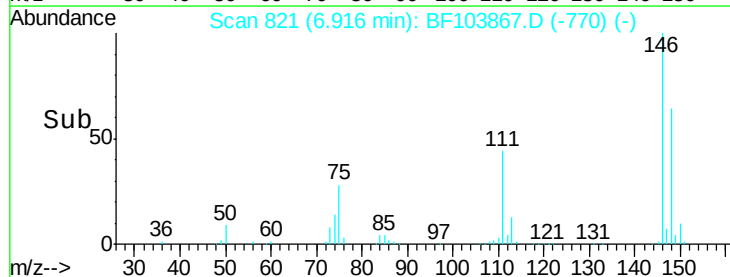
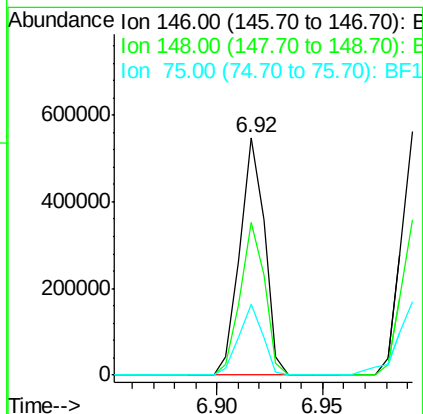
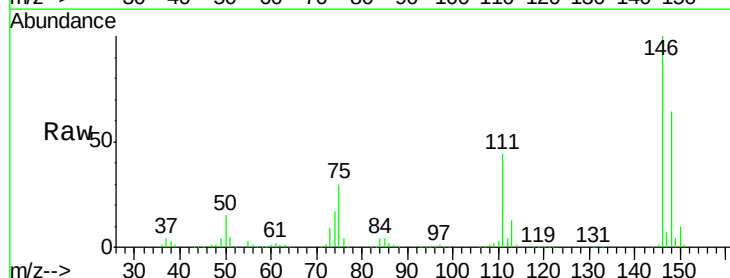
RT: 6.92 min Scan# 821

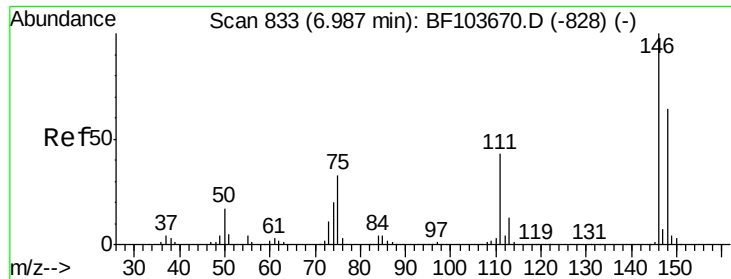
Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	146	Resp:	443695
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	29.7	24.2	36.4





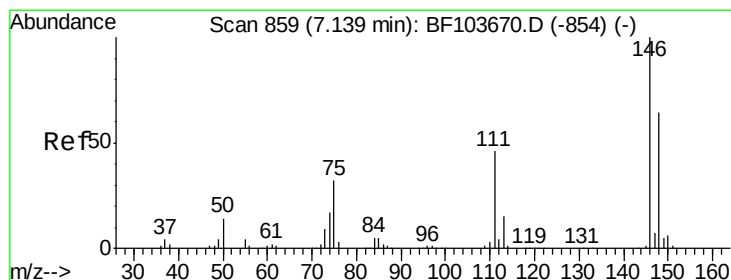
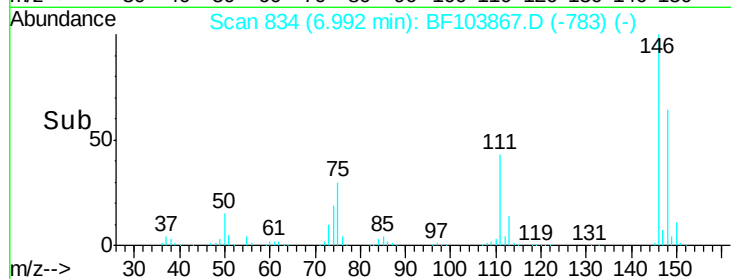
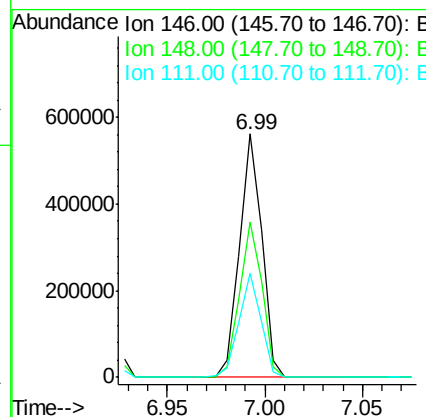
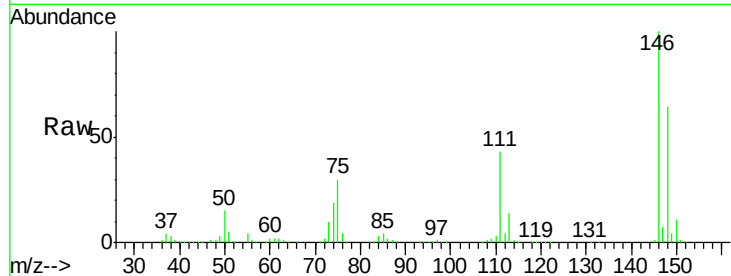
#13
1,4-Dichlorobenzene
Concen: 39.326 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	42.6	34.2	51.2

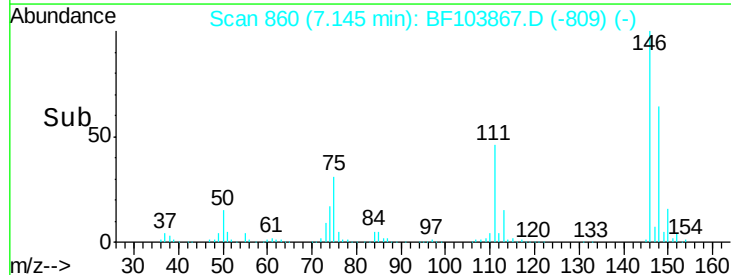
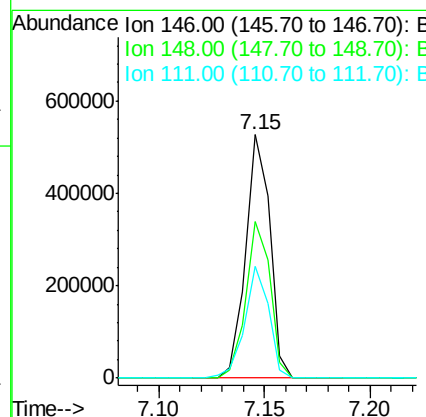
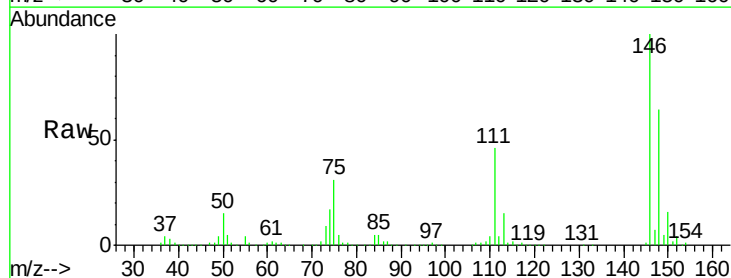
Manual Integrations
APPROVED

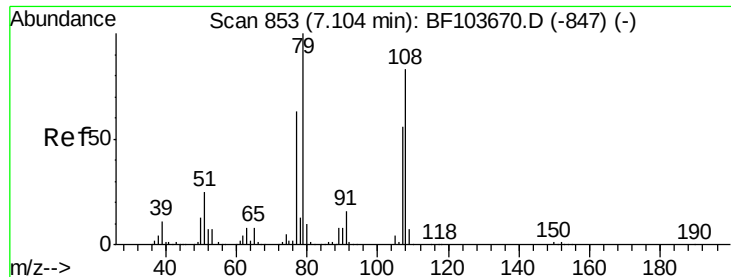
Sohil
3/26/2018 4:32:44 PM



#14
1,2-Dichlorobenzene
Concen: 39.723 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	45.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.878 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

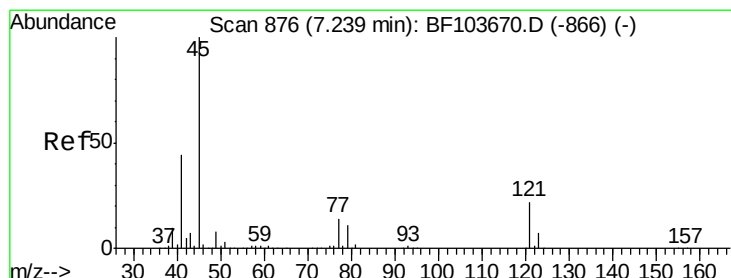
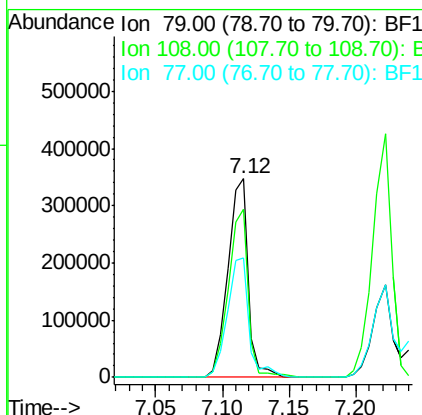
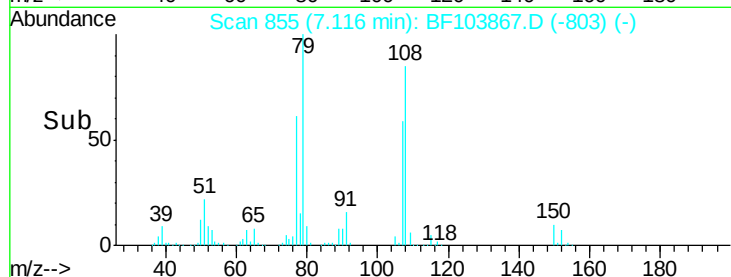
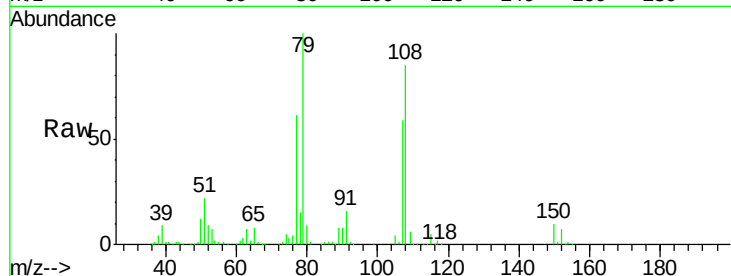
ClientSampled :

PB107555BS

Tot Ion:	79	Resp:	375853
Ion Ratio	Lower	Upper	
79	100		
108	85.0	65.1	97.7
77	60.5	50.6	75.8

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.178 ng

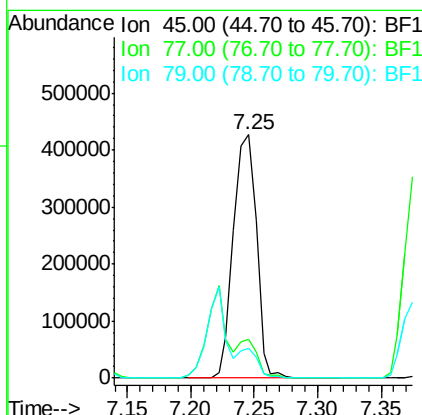
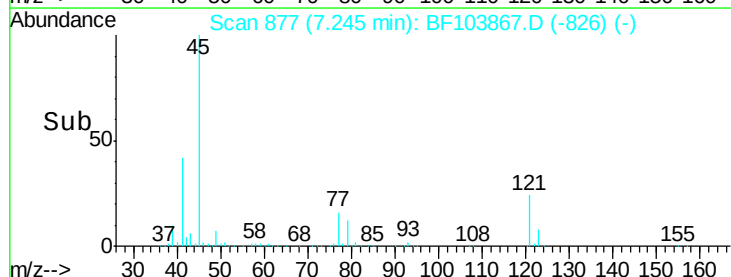
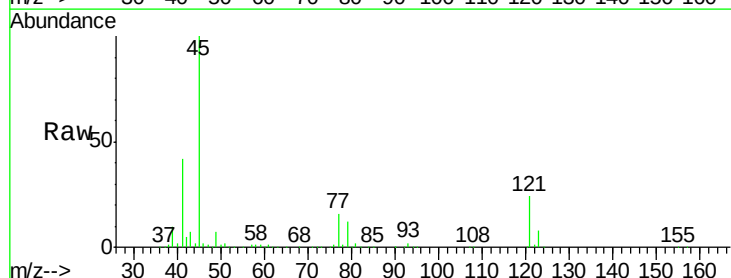
RT: 7.25 min Scan# 877

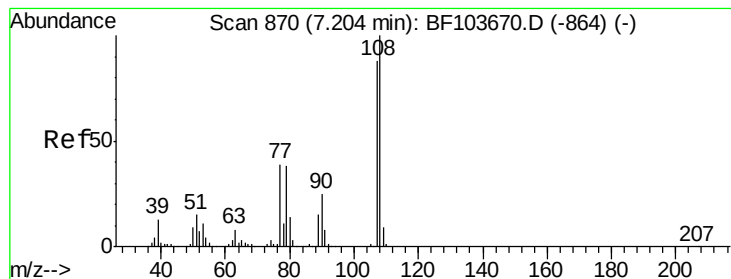
Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	45	Resp:	537298
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	32.9
79	12.1	0.0	29.6





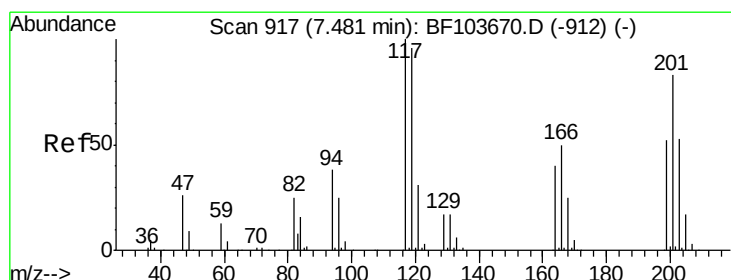
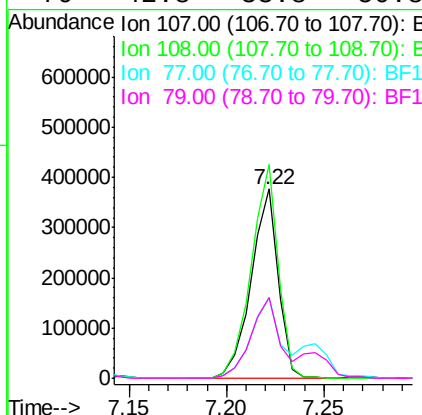
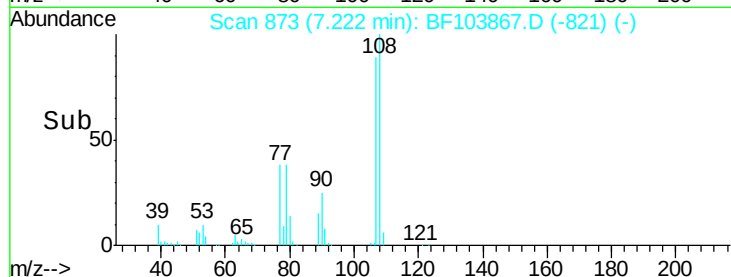
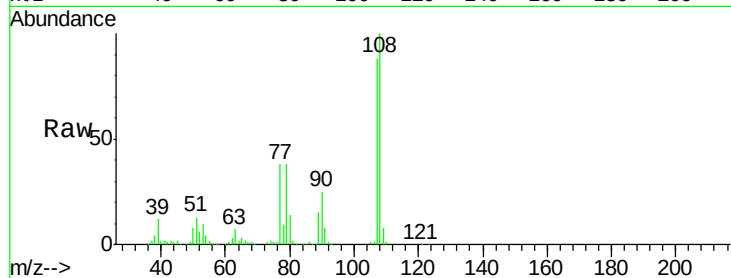
#17
2-Methylphenol
Concen: 41.166 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.7	137.5	
77	42.9	33.8	50.8	
79	42.8	33.8	50.8	

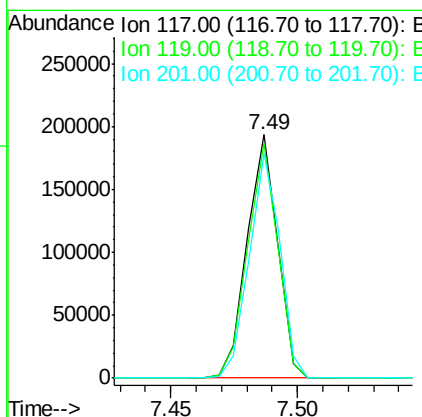
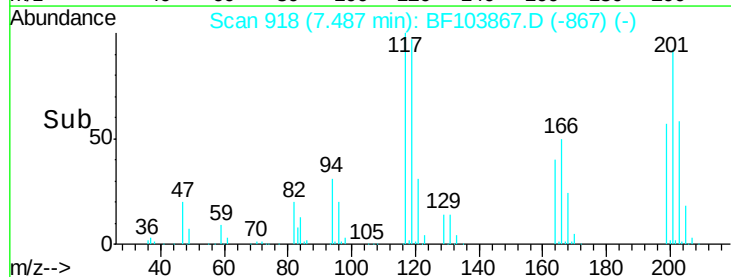
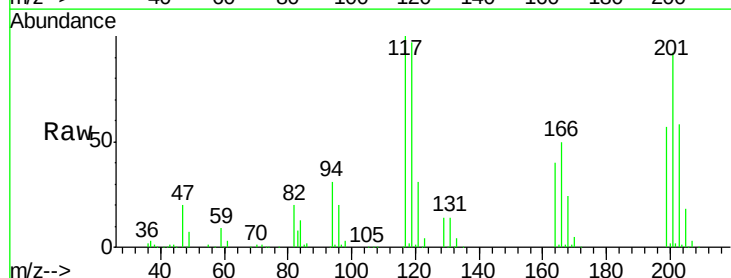
Manual Integrations
APPROVED

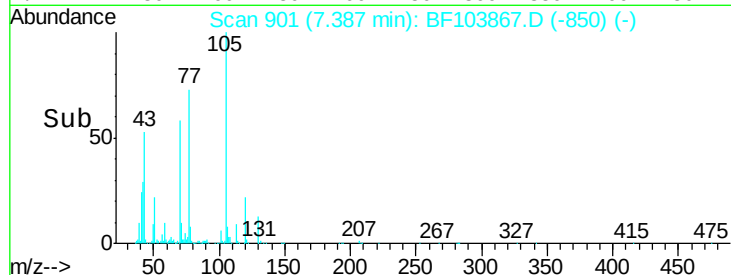
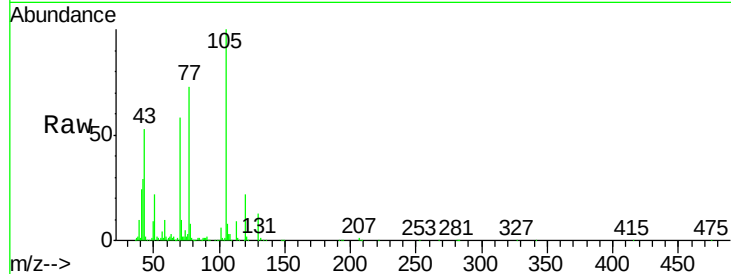
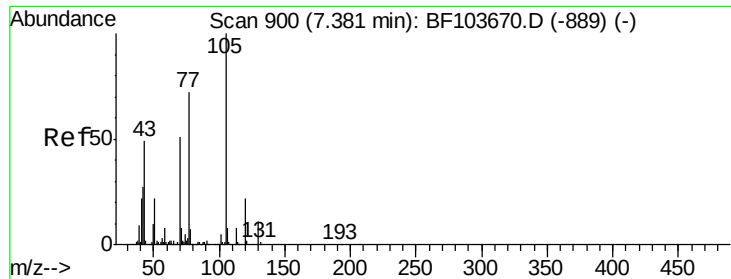
Sohil
3/26/2018 4:32:44 PM



#18
Hexachloroethane
Concen: 40.423 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.8	113.8	
201	92.2	75.7	113.5	





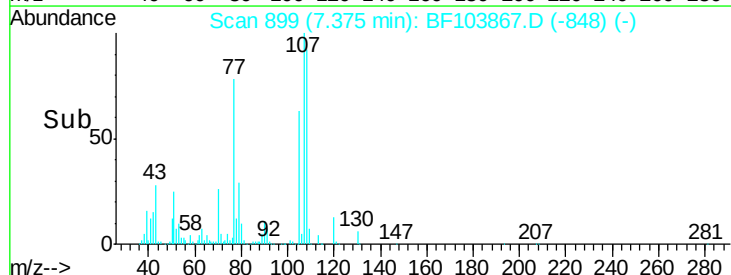
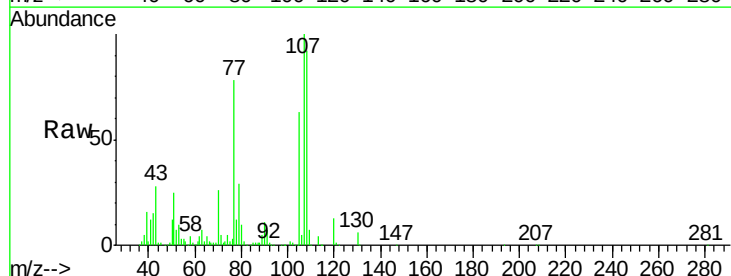
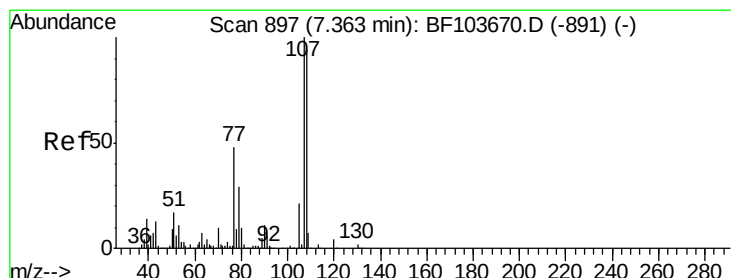
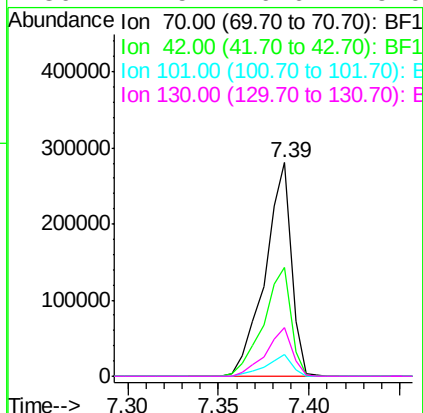
#19
n-Nitroso-di-n-propylamine
Concen: 38.133 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.0	47.5	71.3	
101	10.0	7.4	11.2	
130	22.5	16.6	25.0	

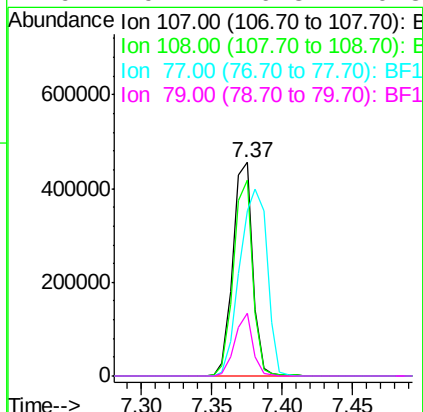
Manual Integrations
APPROVED

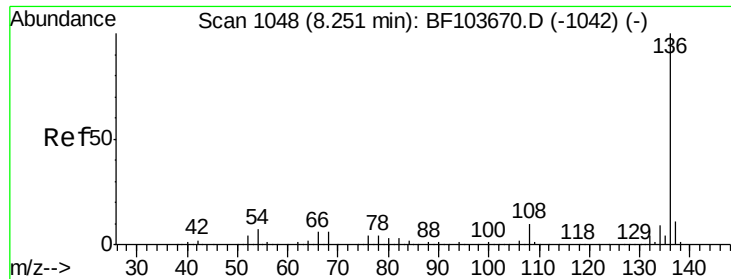
Sohil
3/26/2018 4:32:44 PM



#20
3+4-Methylphenols
Concen: 39.824 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	68.2	108.2	
77	77.6	26.7	66.7#	
79	29.4	6.3	46.3	





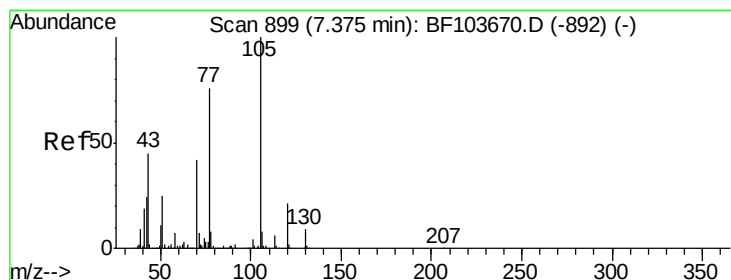
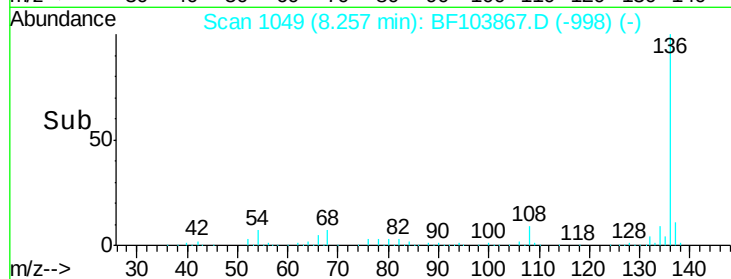
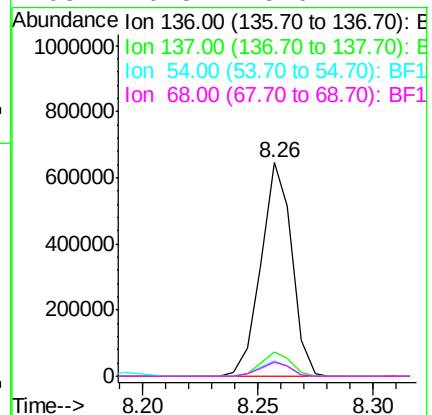
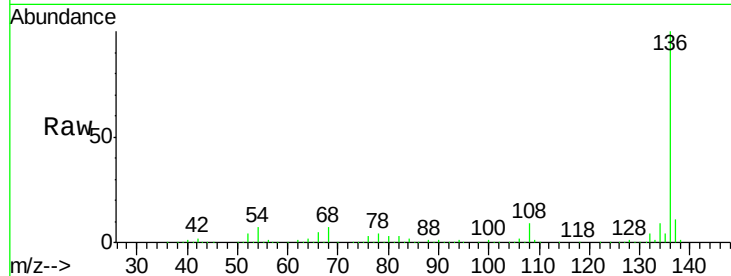
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampled :
PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	599770		
137	11.2		8.9	13.3
54	7.4		6.6	9.8
68	6.8		5.0	7.4

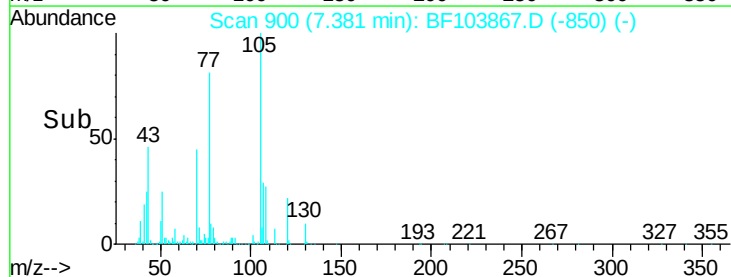
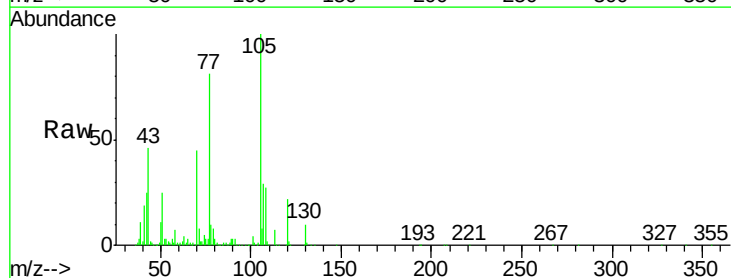
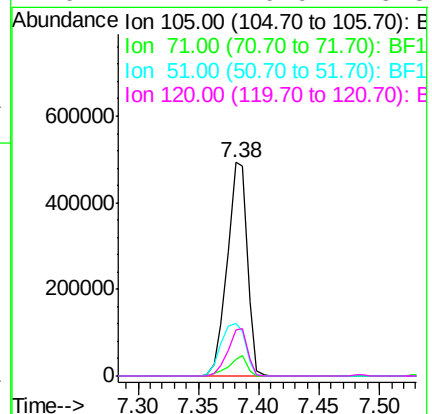
Manual Integrations
APPROVED

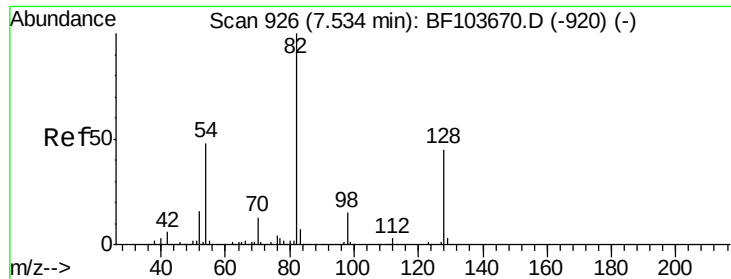
Sohil
3/26/2018 4:32:44 PM



#22
Acetophenone
Concen: 36.715 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	565937		
71	7.7		4.4	6.6#
51	24.7		22.3	33.5
120	21.7		16.9	25.3





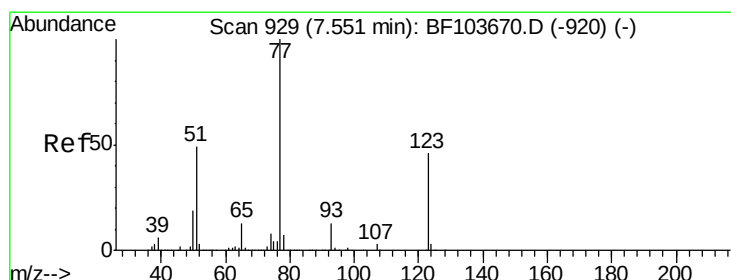
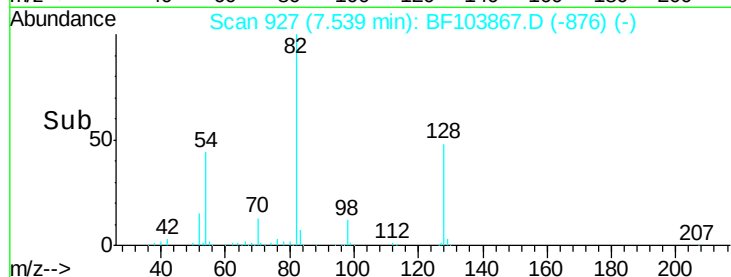
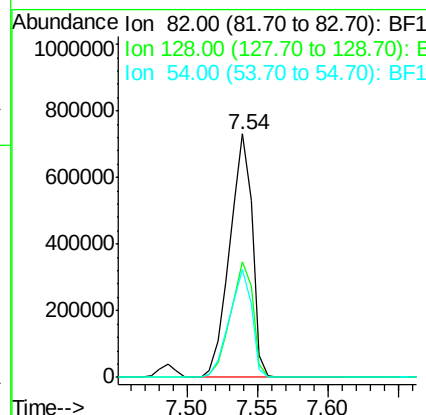
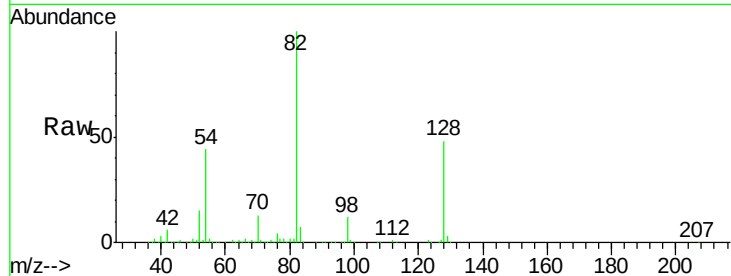
#23
 Nitrobenzene-d5
 Concen: 93.975 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	44.4	41.4	62.2

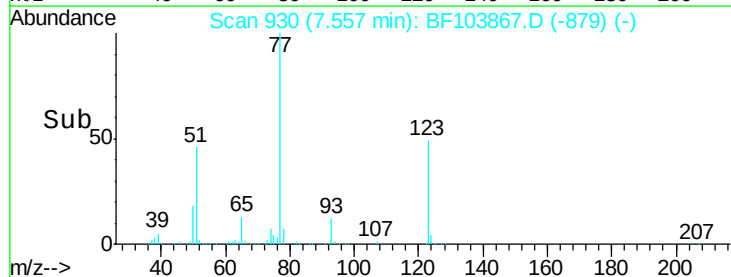
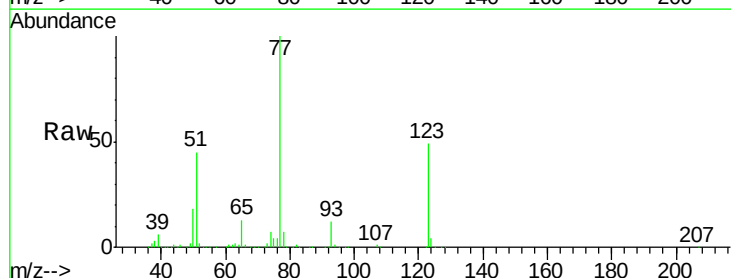
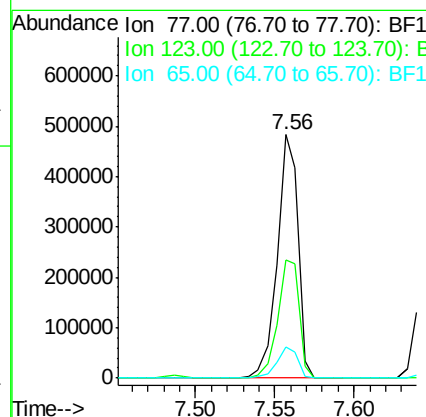
Manual Integrations
 APPROVED

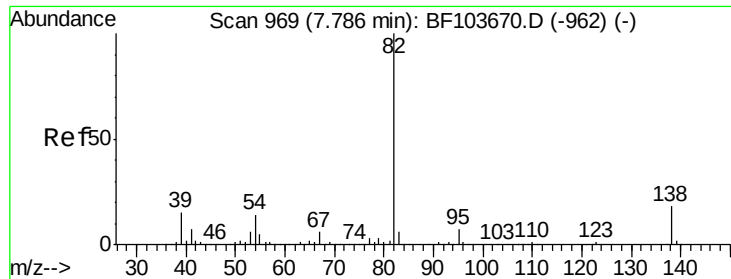
Sohil
 3/26/2018 4:32:44 PM



#24
 Nitrobenzene
 Concen: 43.653 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 41.494 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

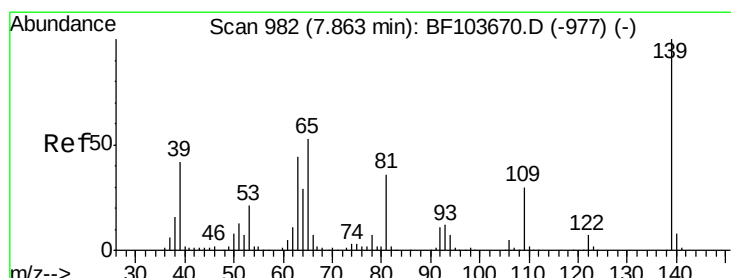
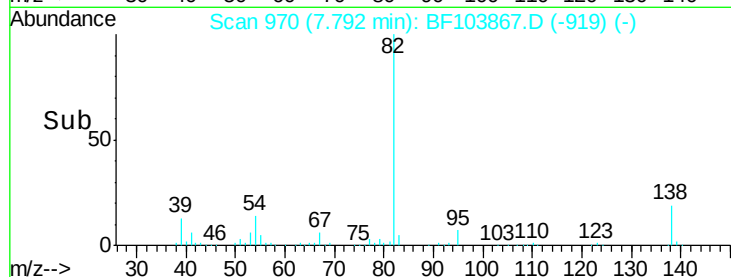
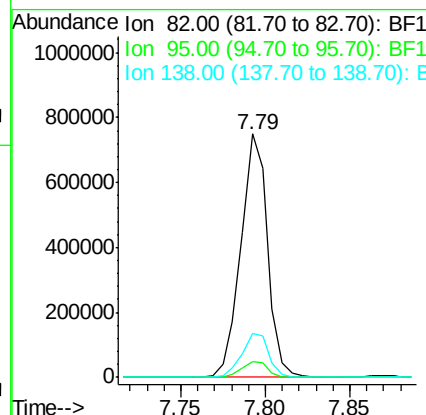
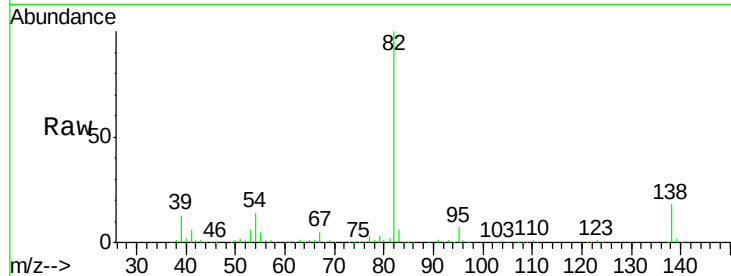
ClientSampleId :

PB107555BS

Tot Ion:	82	Resp:	826139
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#26

2-Nitrophenol

Concen: 60.054 ng

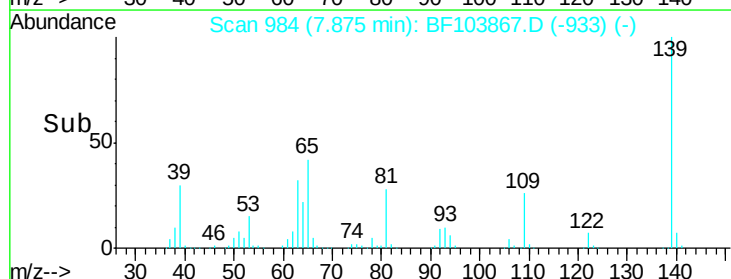
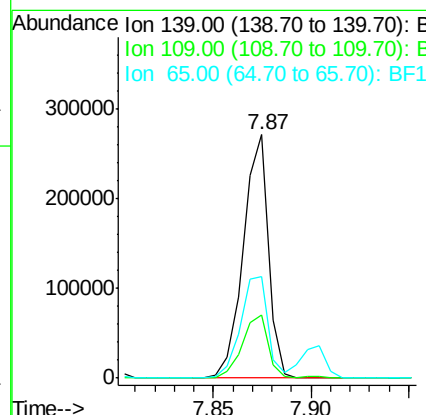
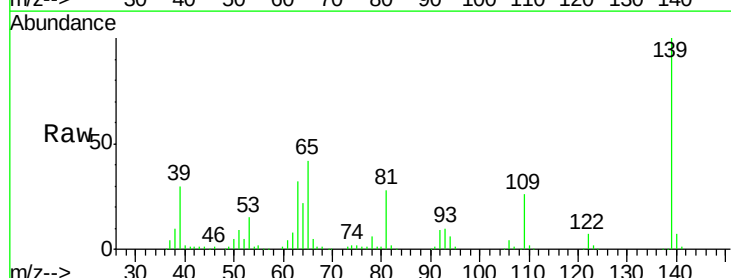
RT: 7.87 min Scan# 984

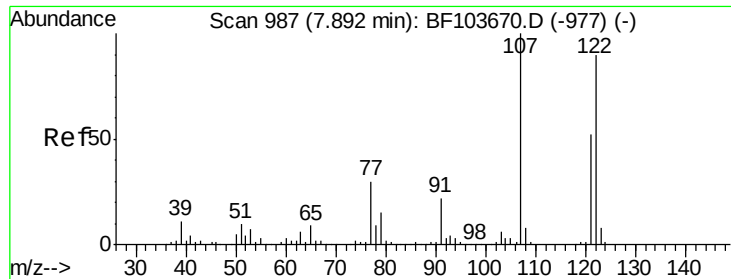
Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	139	Resp:	242050
Ion Ratio		Lower	Upper
139	100		
109	26.1	22.7	34.1
65	41.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 48.262 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

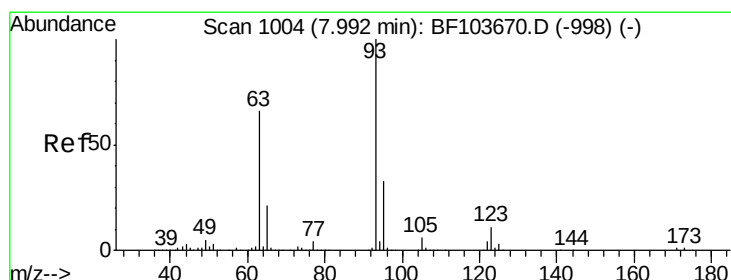
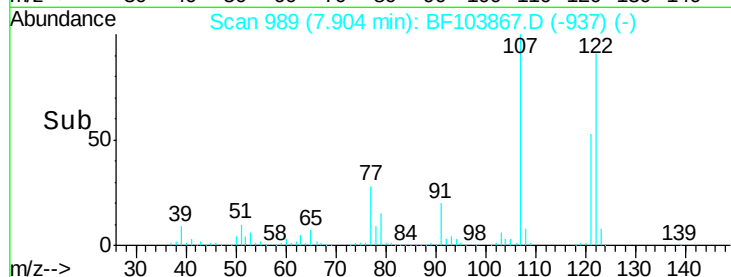
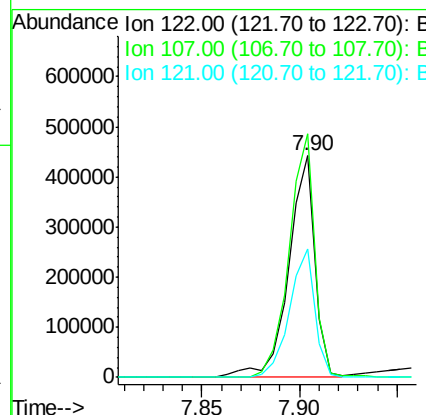
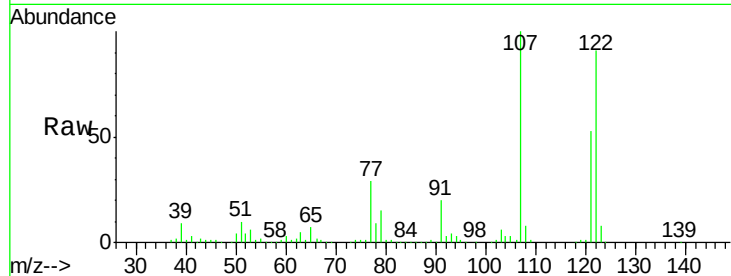
ClientSampled :

PB107555BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
411645	122	100			
	107	109.8	91.2	136.8	
	121	58.0	47.2	70.8	

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.502 ng

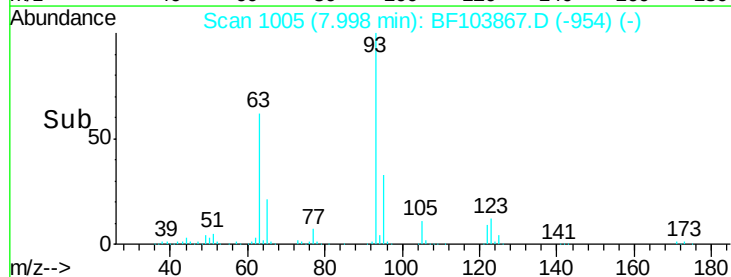
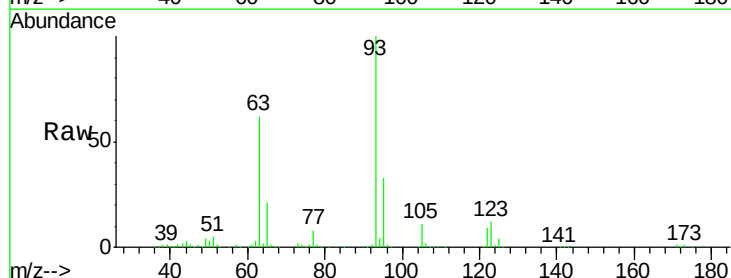
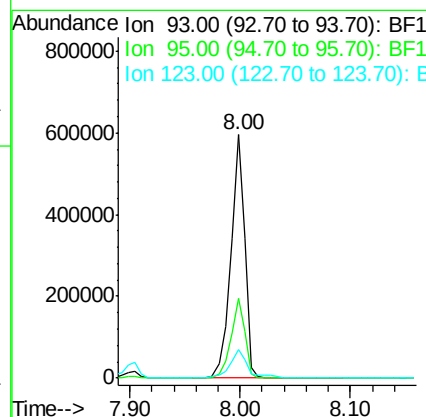
RT: 8.00 min Scan# 1005

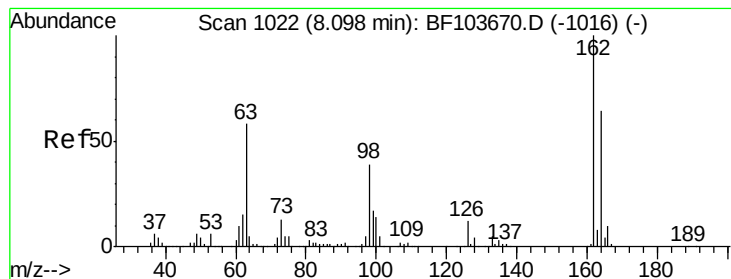
Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
524464	93	100			
	95	32.8	26.3	39.5	
	123	11.8	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 47.100 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

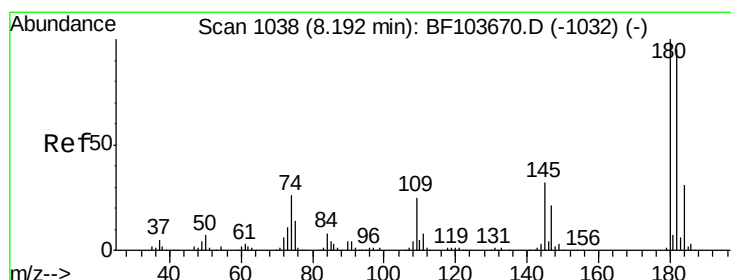
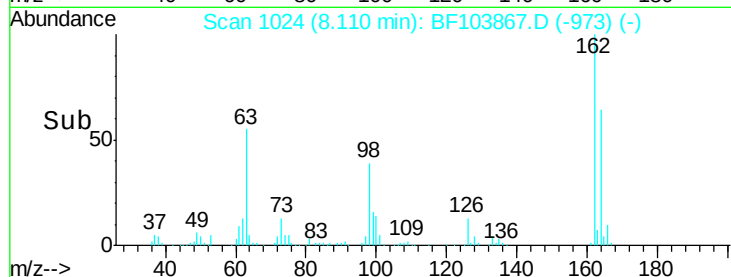
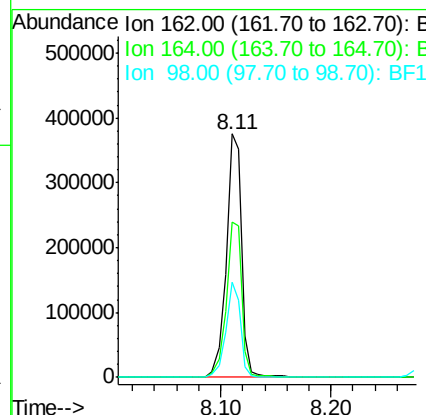
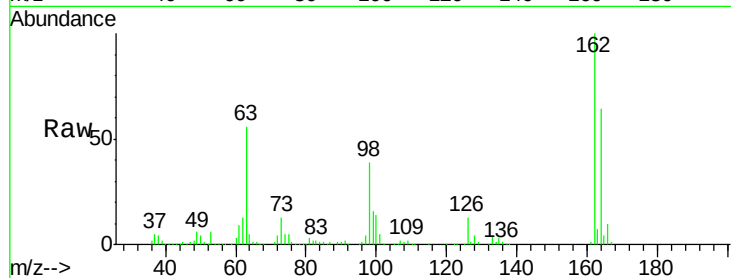
ClientSampleID :

PB107555BS

Tot Ion:	162	Resp:	365492
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.7	82.7
98	39.2	18.1	58.1

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#30

1,2,4-Trichlorobenzene

Concen: 40.631 ng

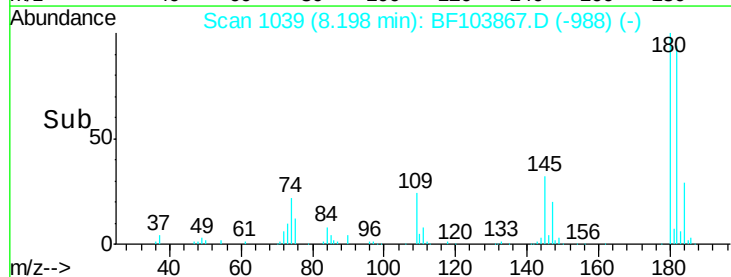
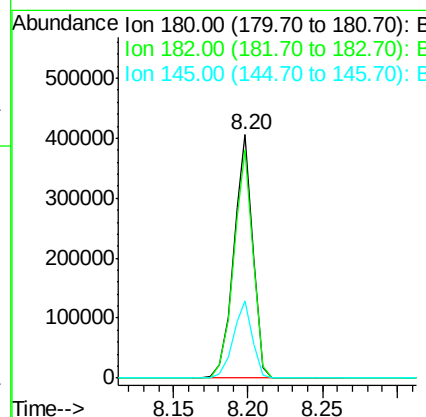
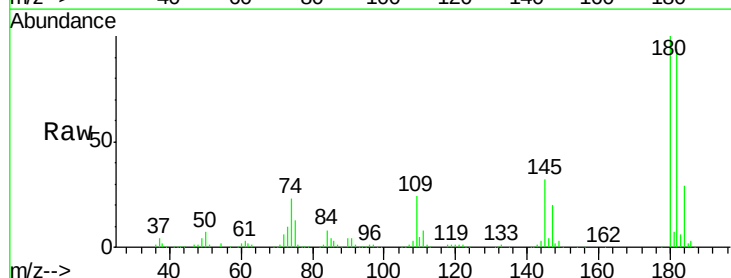
RT: 8.20 min Scan# 1039

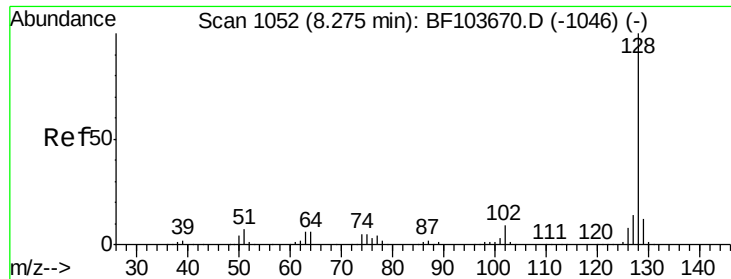
Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	180	Resp:	365693
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.8	115.2
145	31.6	26.5	39.7





#31

Naphthalene

Concen: 39.821 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

PB107555BS

Tot Ion:128 Resp: 1206472

Ion Ratio Lower Upper

128 100

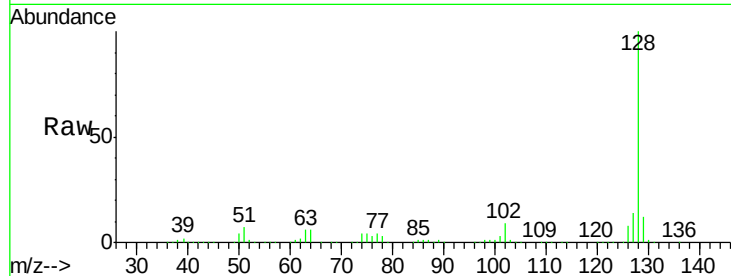
129 11.5 8.8 13.2

127 13.6 10.9 16.3

Manual Integrations
APPROVED

Sohil

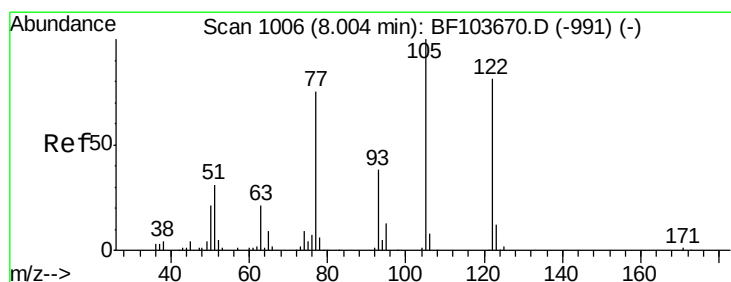
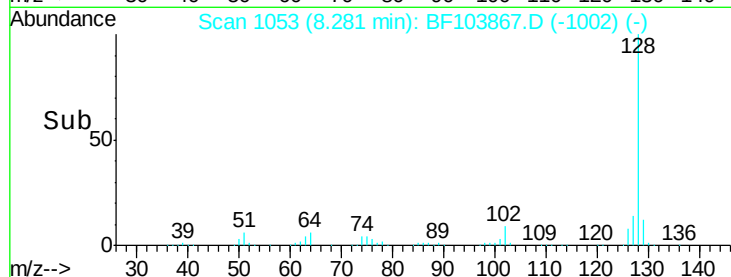
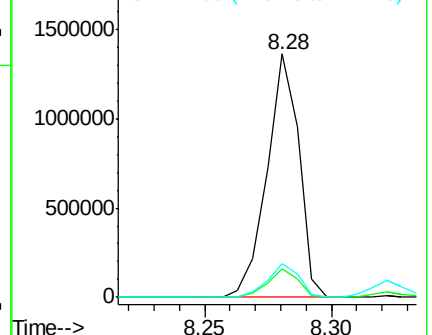
3/26/2018 4:32:44 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.821 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

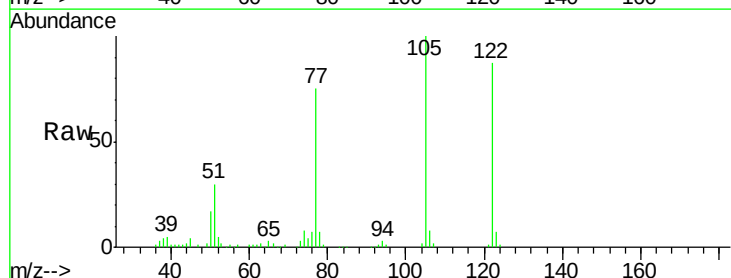
Tgt Ion:122 Resp: 302689

Ion Ratio Lower Upper

122 100

105 115.5 101.1 141.1

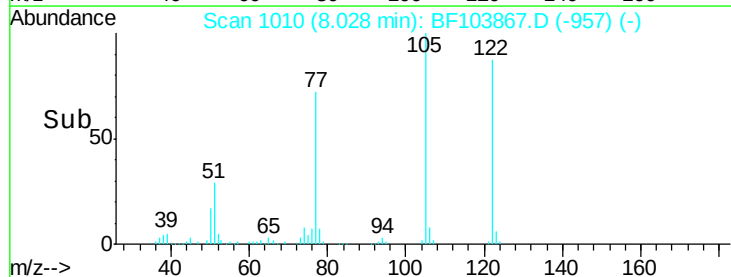
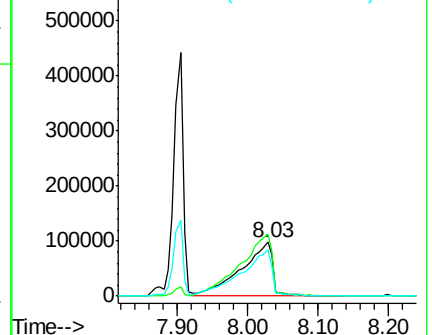
77 86.2 70.7 110.7

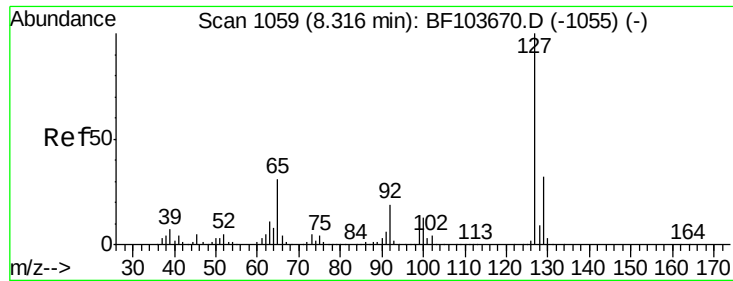


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





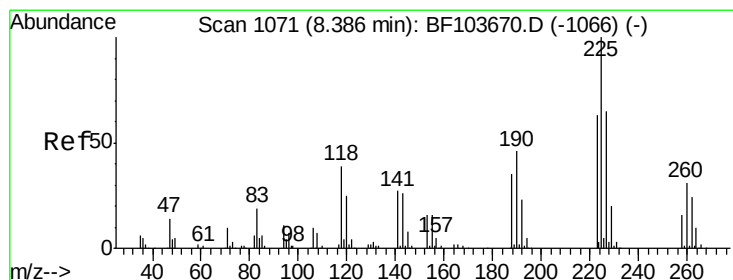
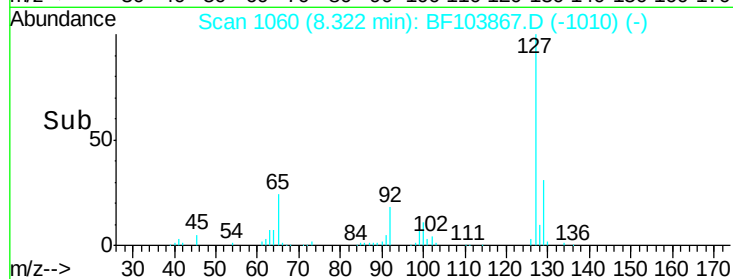
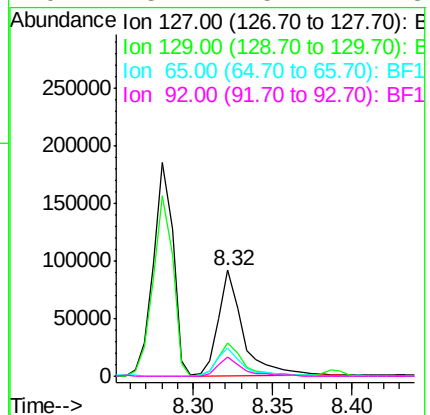
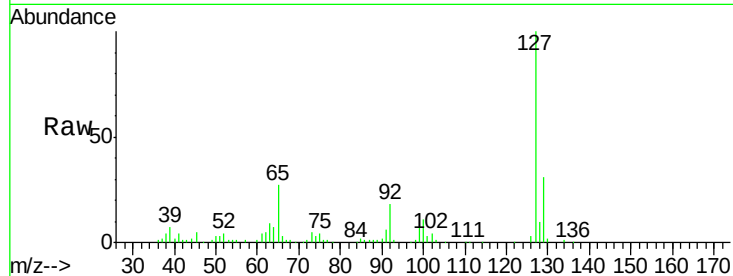
#33
4-Chloroaniline
Concen: 7.795 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	25.9	38.9	
65	27.0	25.0	37.4	
92	18.2	15.2	22.8	

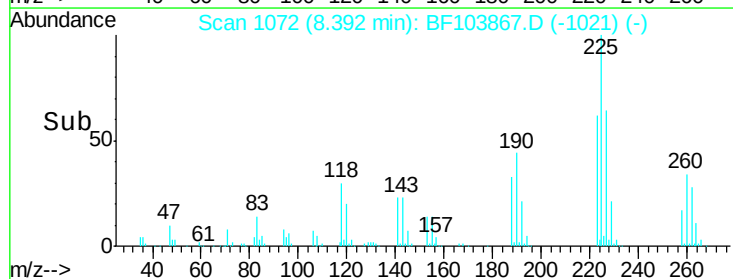
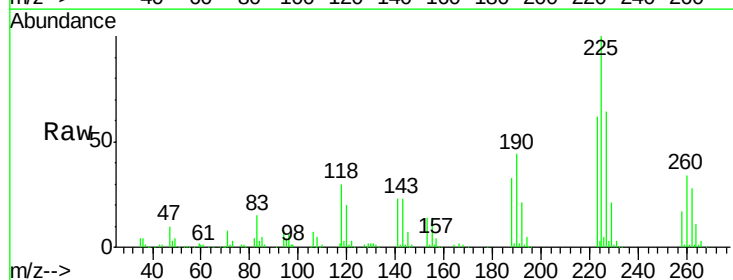
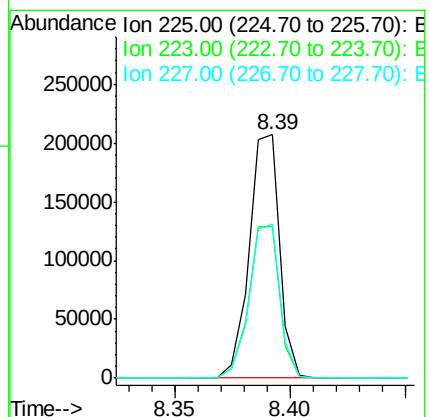
Manual Integrations
APPROVED

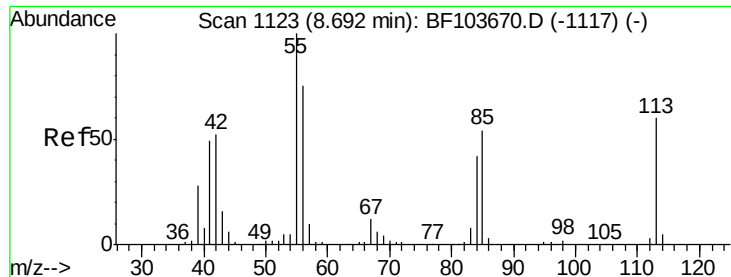
Sohil
3/26/2018 4:32:44 PM



#34
Hexachlorobutadiene
Concen: 38.721 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.6	76.0	
227	63.5	51.9	77.9	





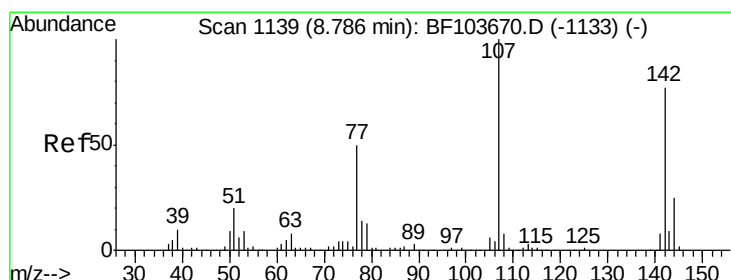
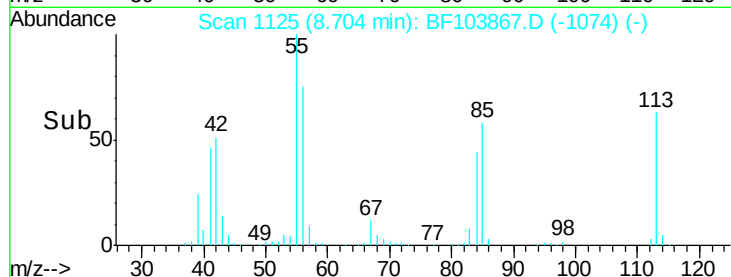
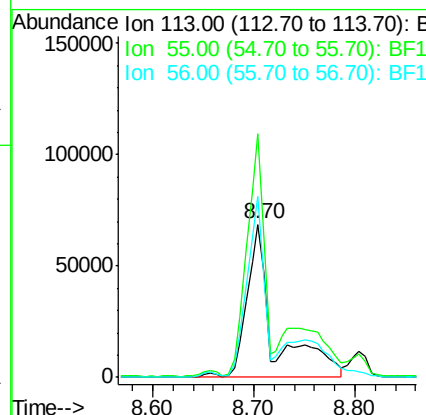
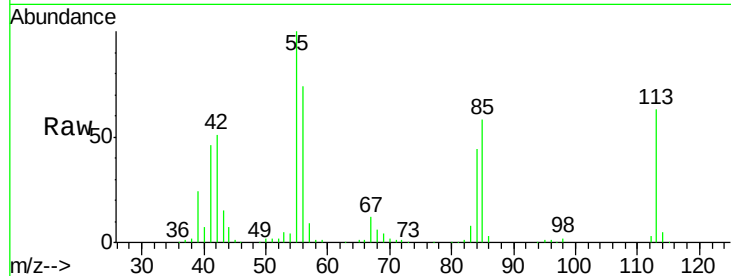
#35
 Caprolactam
 Concen: 48.180 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleID :
 PB107555BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.8	163.3	203.3#
56	118.0	115.7	155.7

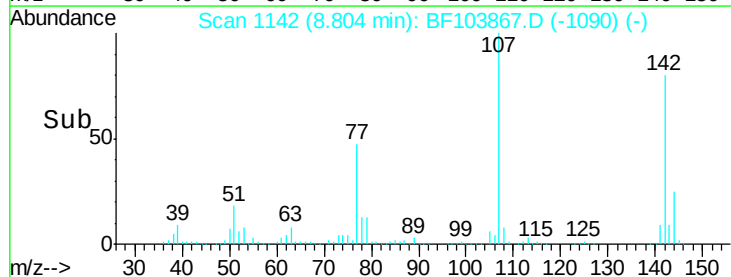
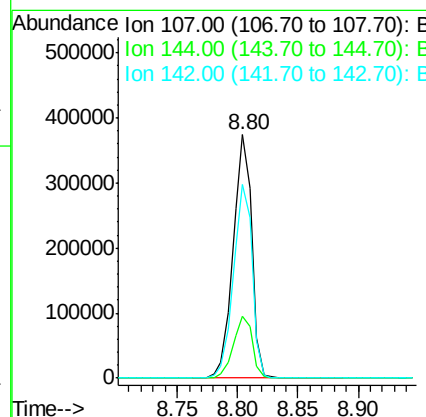
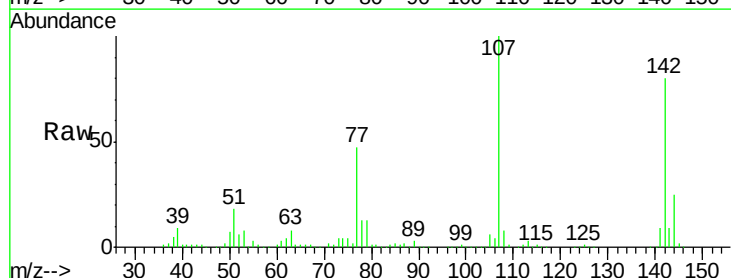
Manual Integrations
 APPROVED

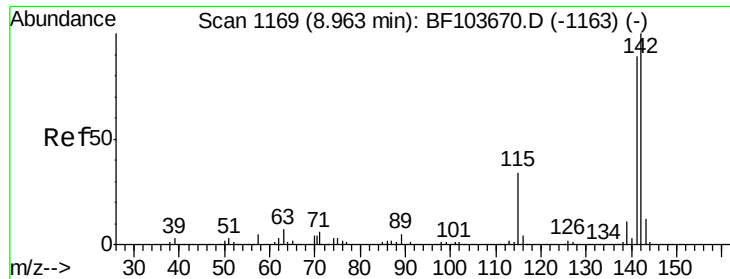
Sohil
 3/26/2018 4:32:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.669 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	79.6	62.0	93.0





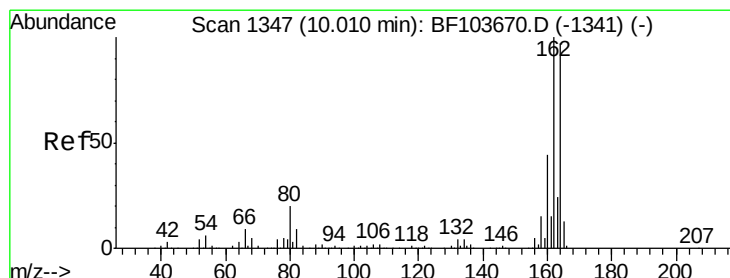
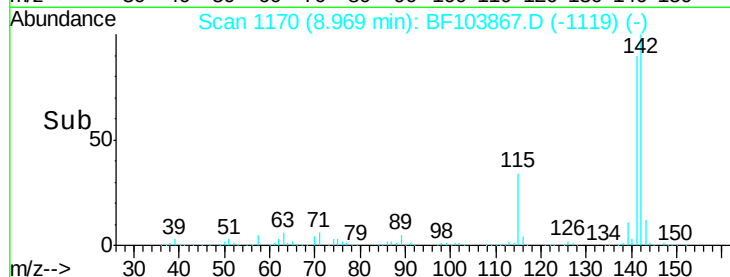
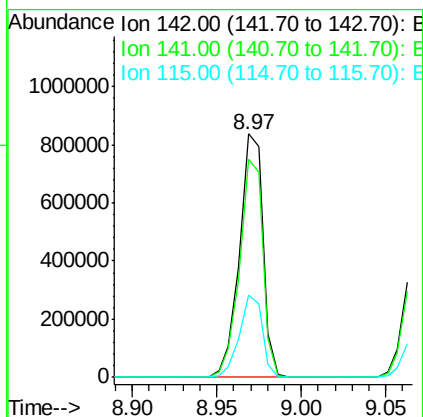
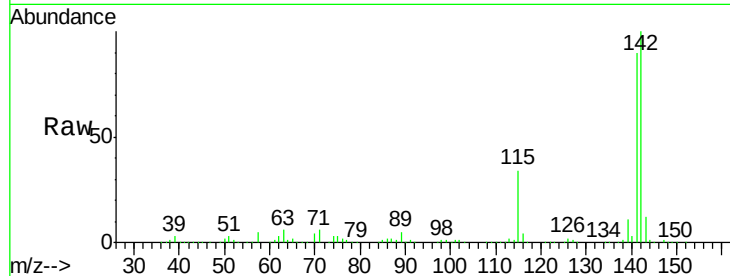
#37
2-Methylnaphthalene
Concen: 42.346 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampled :
PB107555BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	33.9	26.1	39.1

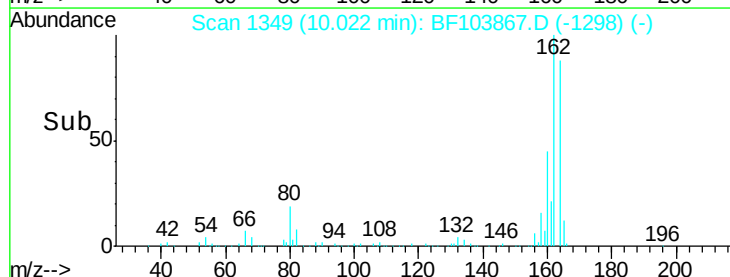
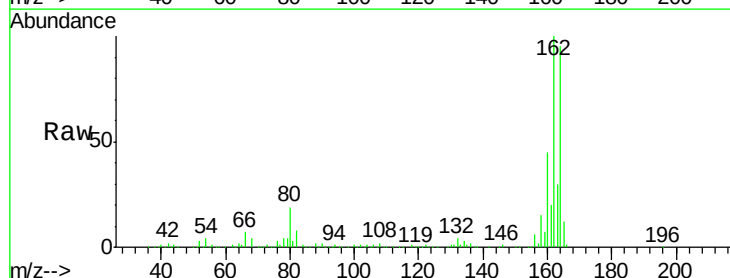
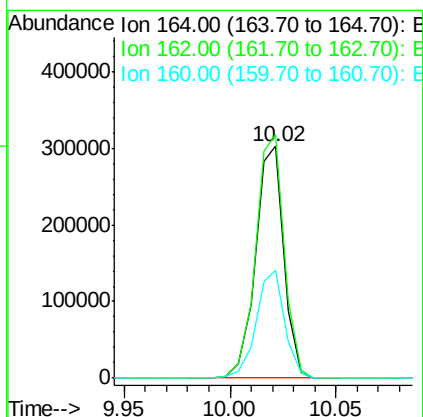
Manual Integrations
APPROVED

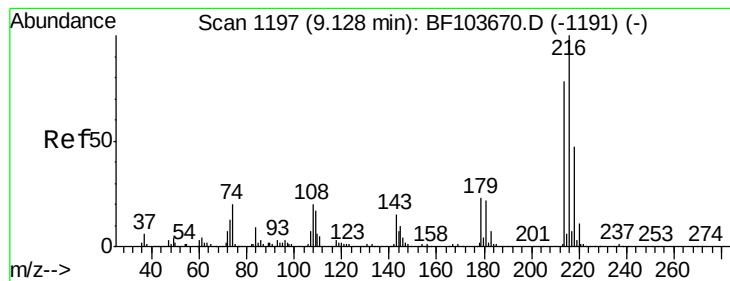
Sohil
3/26/2018 4:32:44 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.511 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

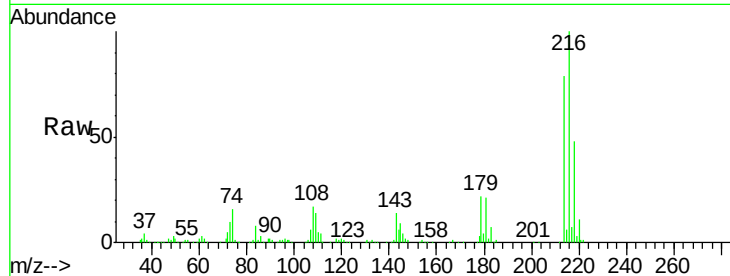
ClientSampleId :

PB107555BS

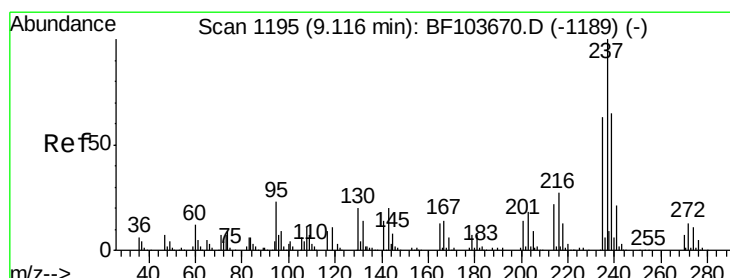
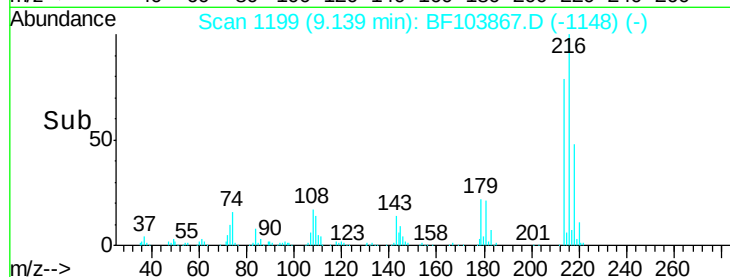
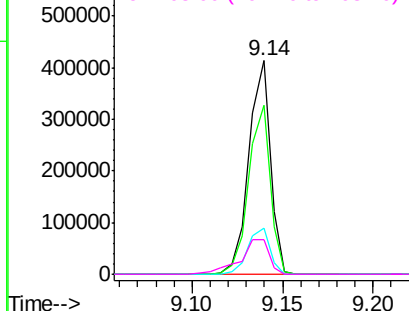
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		341788		
214	79.6		63.0	94.4	
179	22.5		18.1	27.1	
108	22.1		17.2	25.8	

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



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



#40

Hexachlorocyclopentadiene

Concen: 92.494 ng

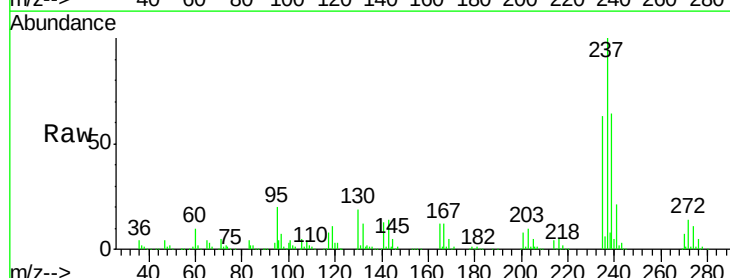
RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

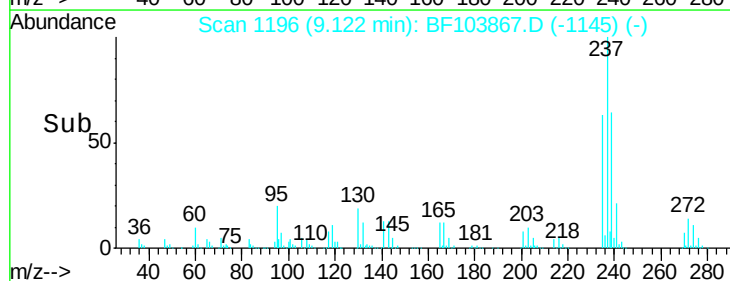
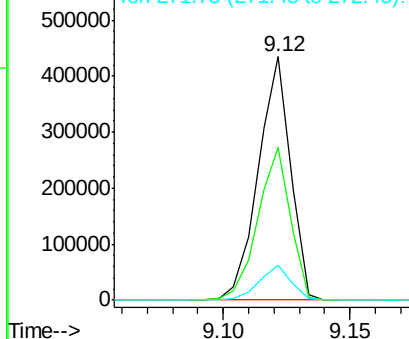
Lab File: BF103867.D

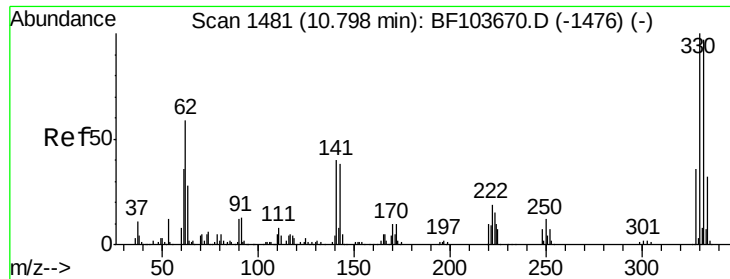
Acq: 23 Mar 2018 9:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		383730		
235	62.9		44.8	84.8	
272	14.1		0.0	33.3	



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





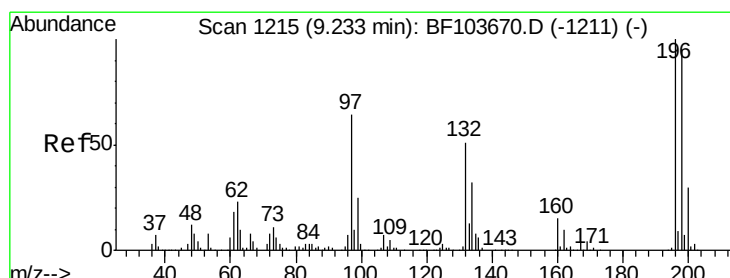
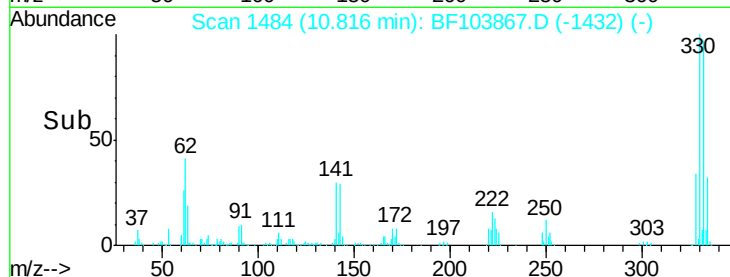
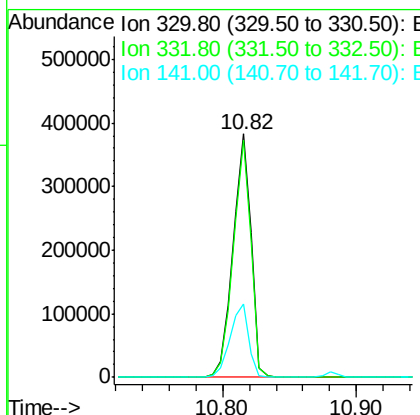
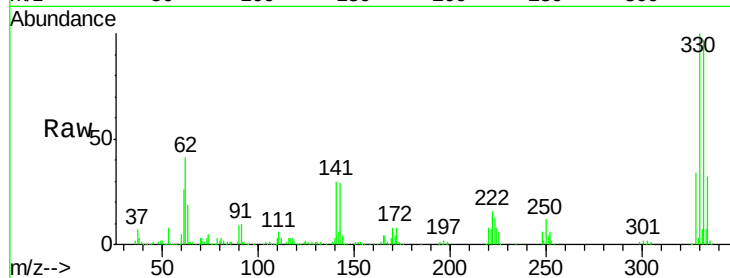
#41
 2,4,6-Tribromophenol
 Concen: 150.866 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	365568		
332	96.0	77.0	115.6	
141	30.9	29.9	44.9	

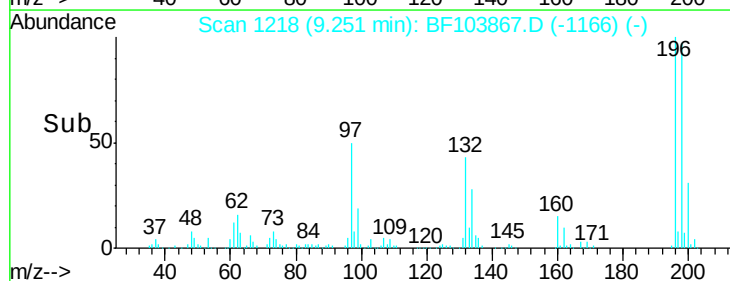
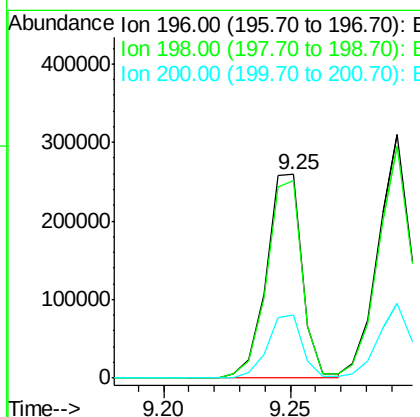
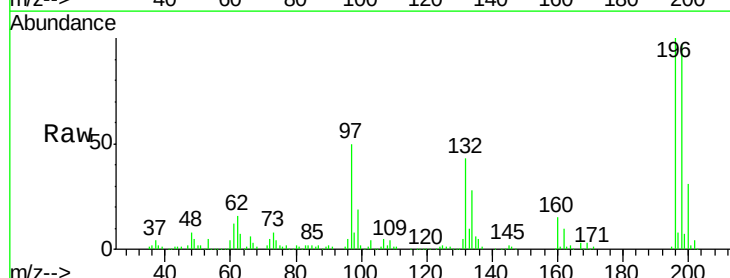
Manual Integrations
 APPROVED

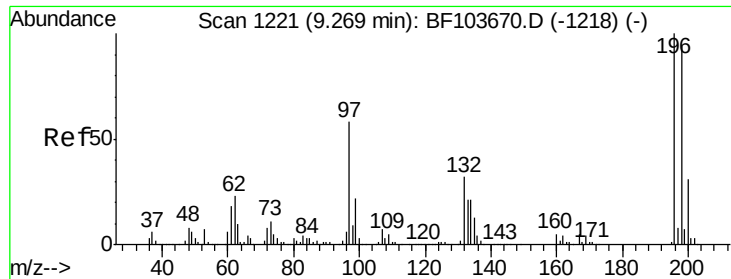
Sohil
 3/26/2018 4:32:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.069 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257489		
198	97.3	75.7	113.5	
200	31.2	24.5	36.7	





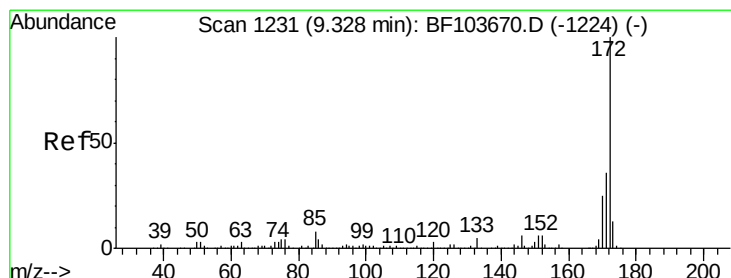
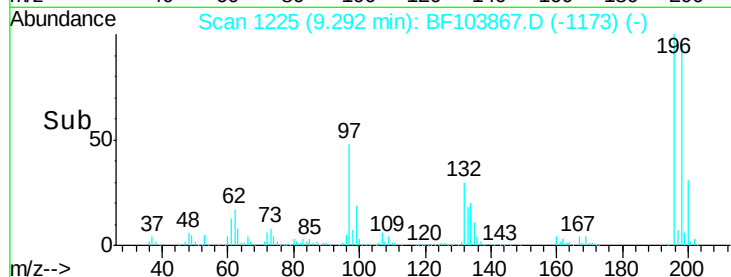
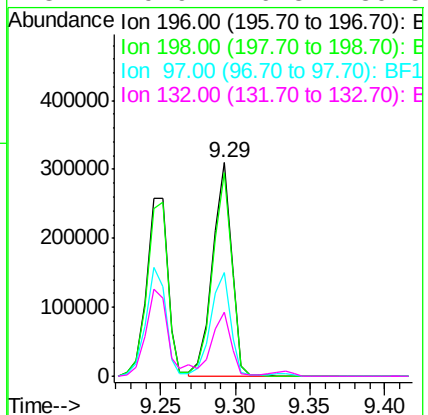
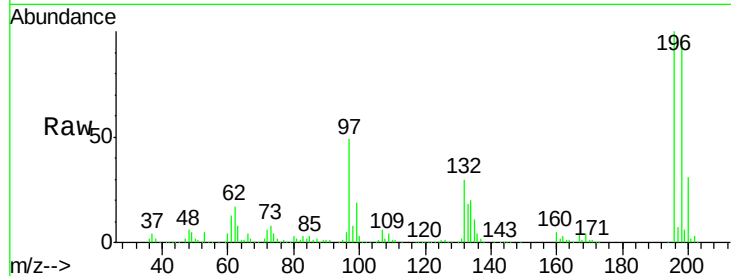
#43
 2,4,5-Trichlorophenol
 Concen: 47.707 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		276911		
198	95.5	74.6	112.0		
97	48.5	42.9	64.3		
132	29.9	26.3	39.5		

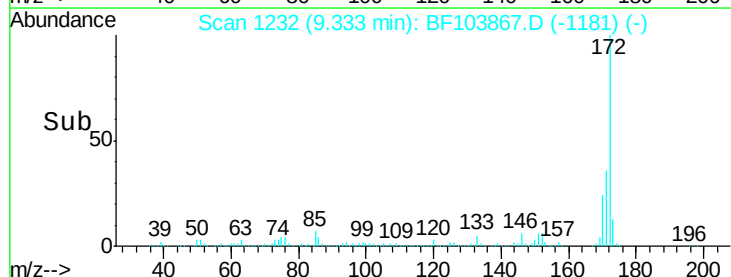
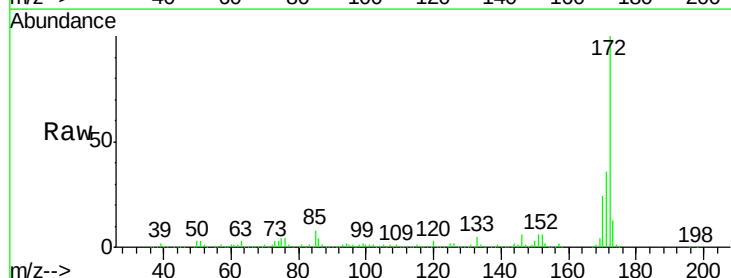
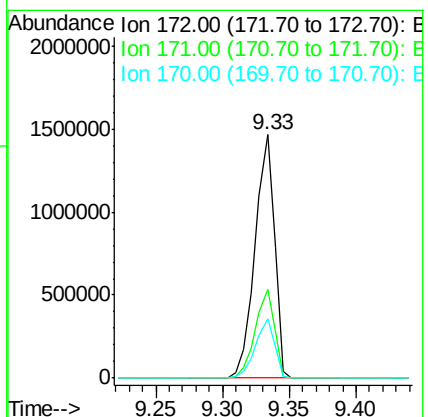
Manual Integrations
 APPROVED

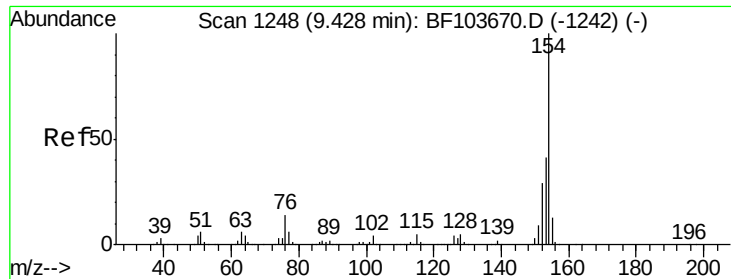
Sohil
 3/26/2018 4:32:44 PM



#44
 2-Fluorobiphenyl
 Concen: 82.207 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1452383		
171	36.3	29.7	44.5		
170	24.4	19.6	29.4		





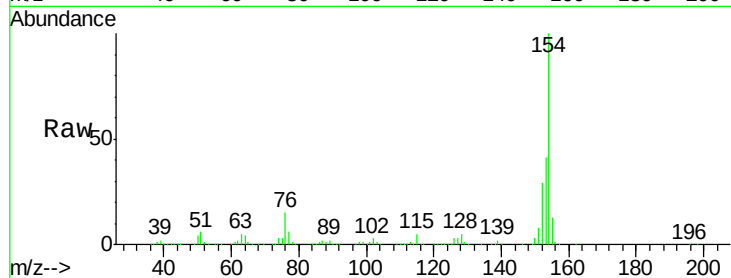
#45
 1,1'-Biphenyl
 Concen: 40.810 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampled :
 PB107555BS

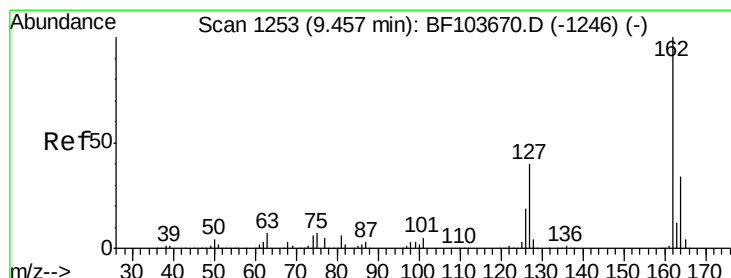
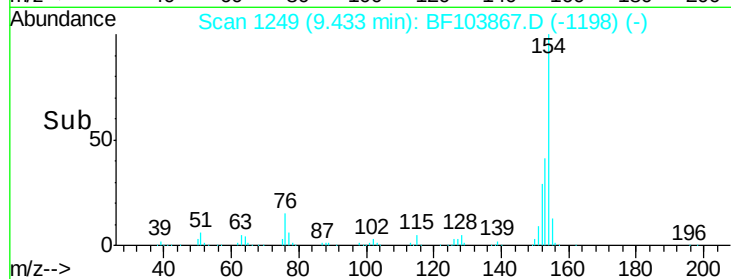
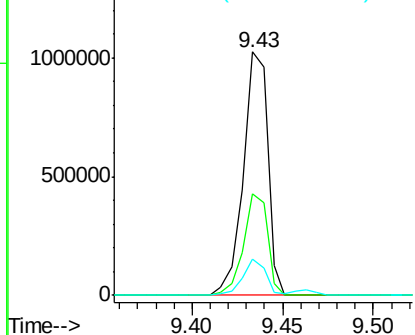
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.4	21.3	61.3
76	14.8	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:32:44 PM

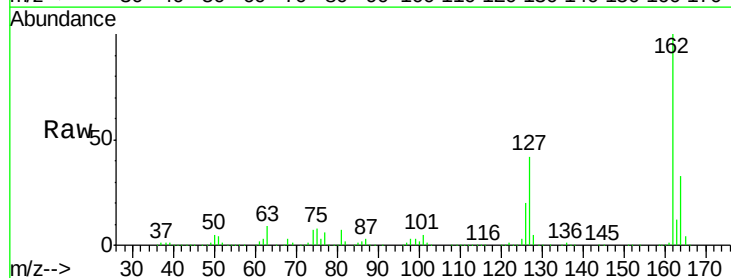


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

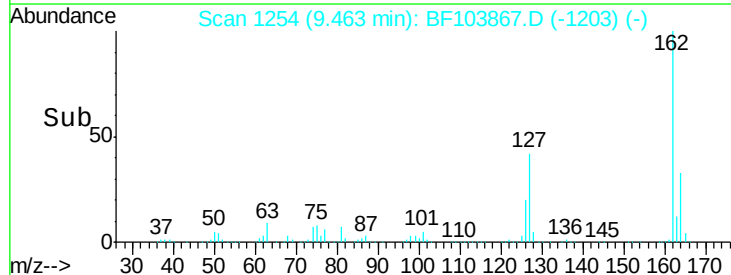
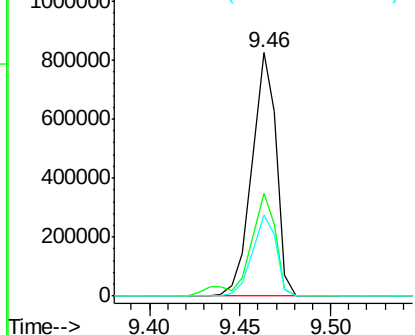


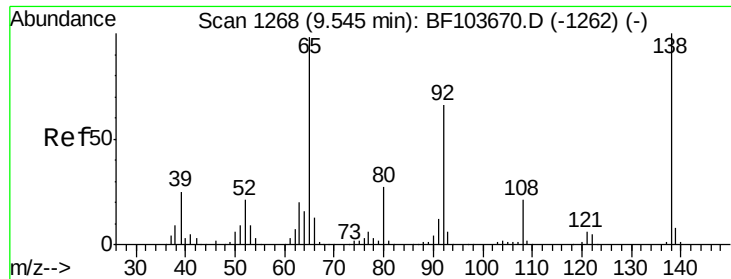
#46
 2-Chloronaphthalene
 Concen: 41.032 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.3	33.9	50.9
164	33.1	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





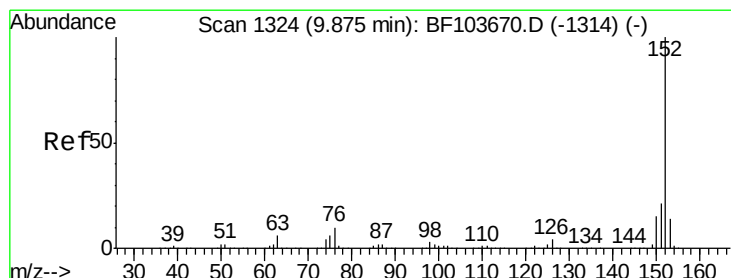
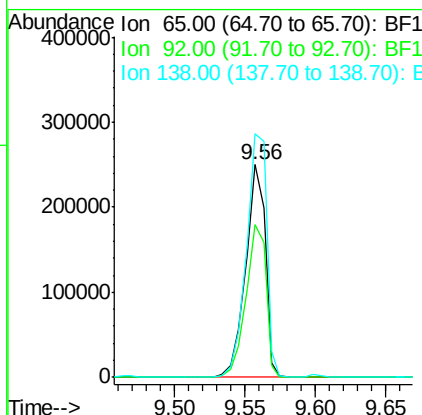
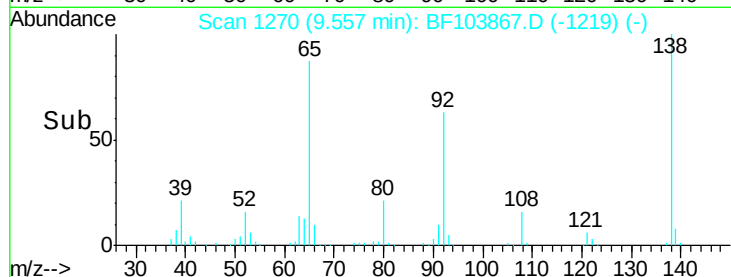
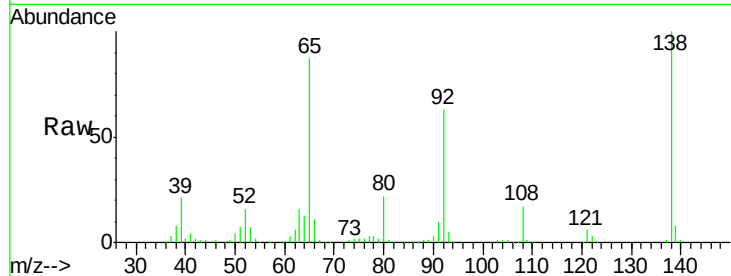
#47
 2-Nitroaniline
 Concen: 49.484 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion:	65	Resp:	242815
Ion Ratio	Lower	Upper	
65	100		
92	72.0	55.8	83.6
138	114.5	91.2	136.8

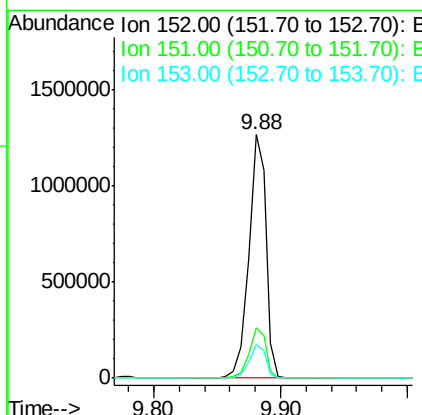
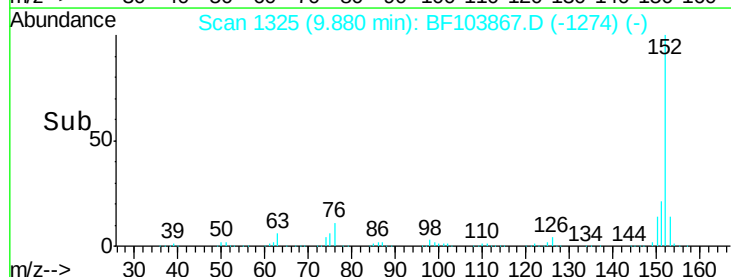
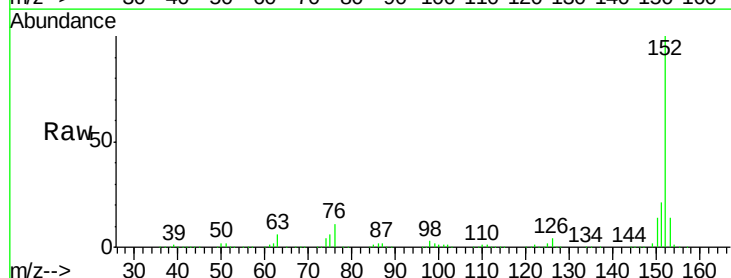
Manual Integrations
 APPROVED

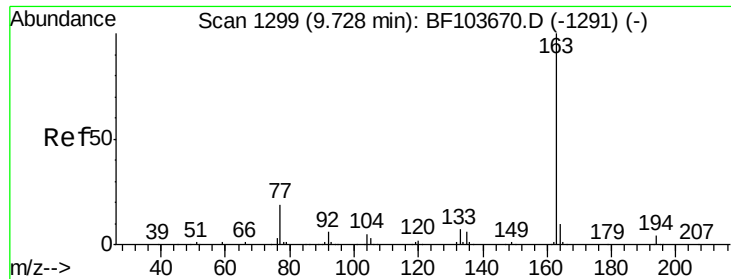
Sohil
 3/26/2018 4:32:44 PM



#48
 Acenaphthylene
 Concen: 40.962 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:	152	Resp:	1185577
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.6	10.7	16.1





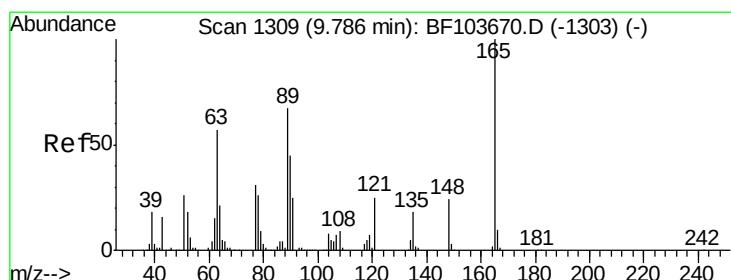
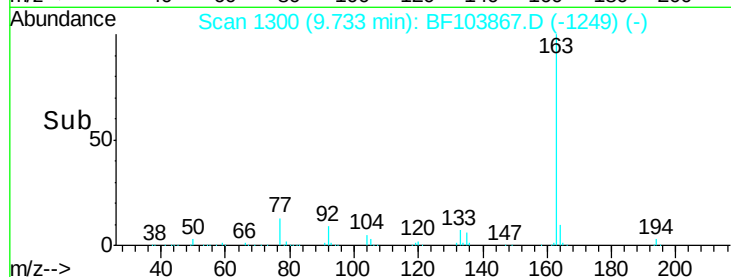
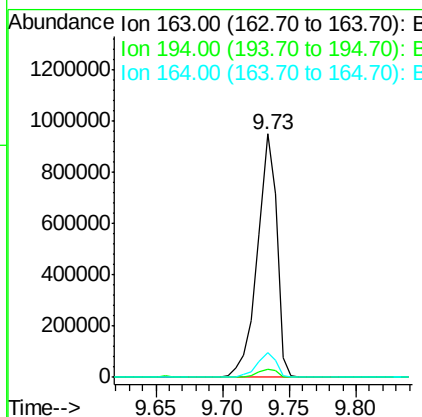
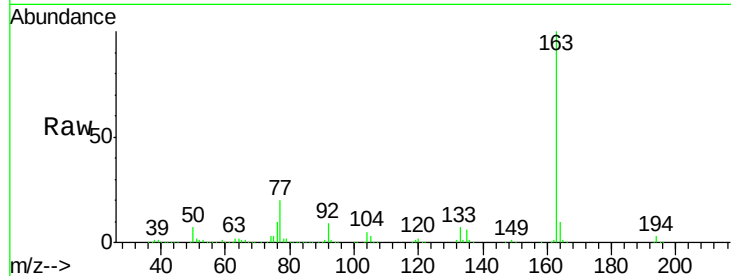
#49
Dimethylphthalate
Concen: 43.710 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	939837		
194	3.4	2.7	4.1	
164	10.1	8.2	12.2	

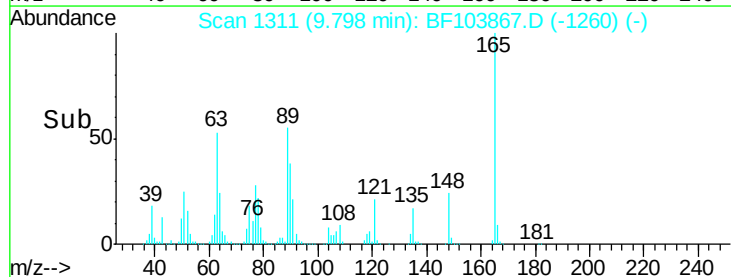
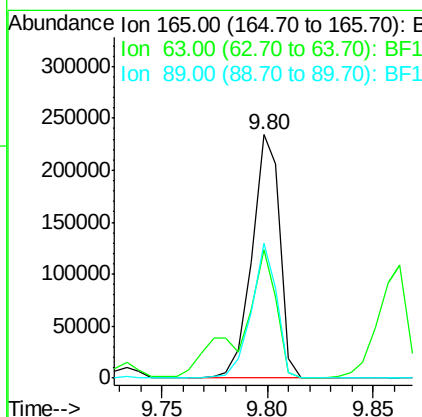
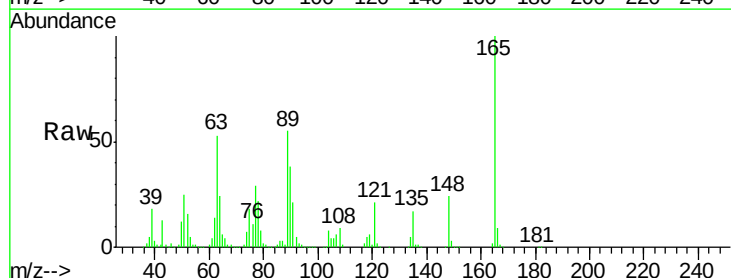
Manual Integrations
APPROVED

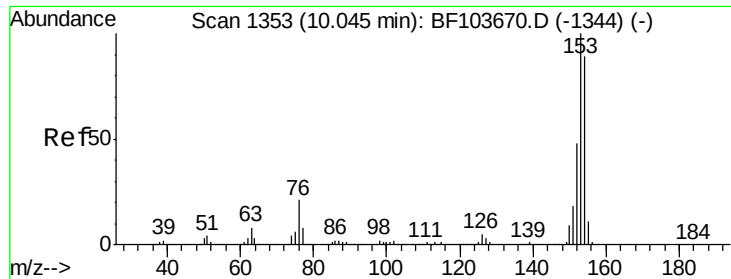
Sohil
3/26/2018 4:32:44 PM



#50
2,6-Dinitrotoluene
Concen: 51.171 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214032		
63	52.7	44.7	67.1	
89	55.3	44.0	66.0	





#51

Acenaphthene

Concen: 40.499 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

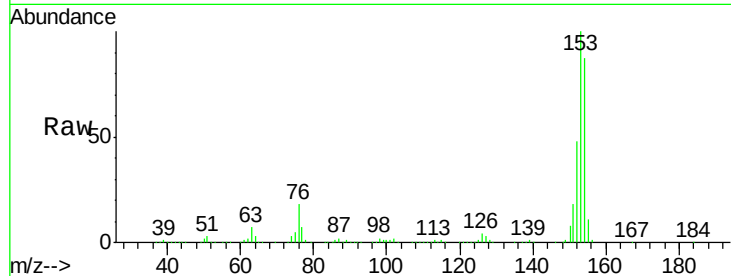
ClientSampled :

PB107555BS

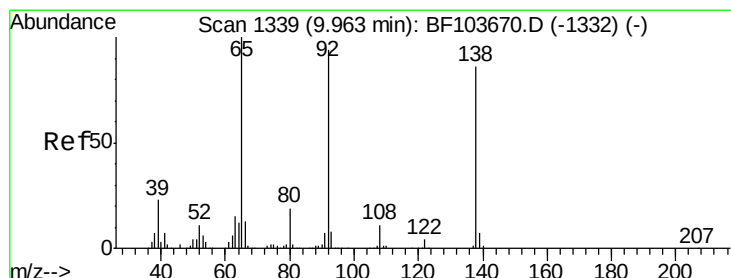
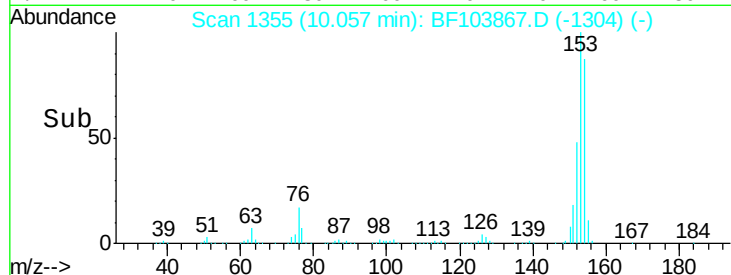
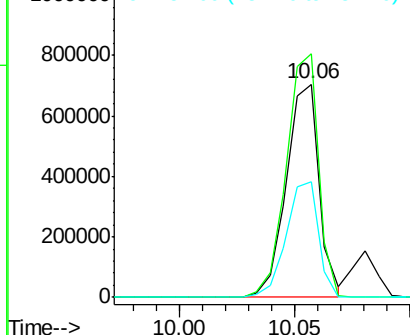
Tot Ion:	154	Resp:	696015
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	54.5	43.8	65.8

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 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: 26.751 ng

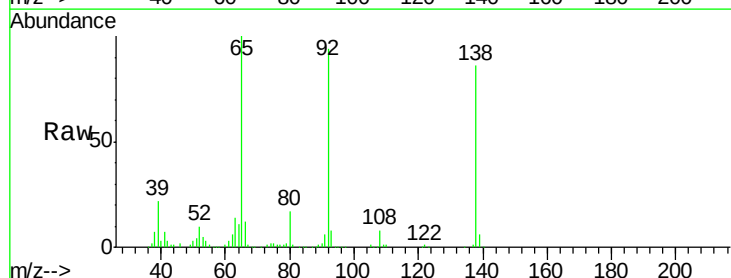
RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

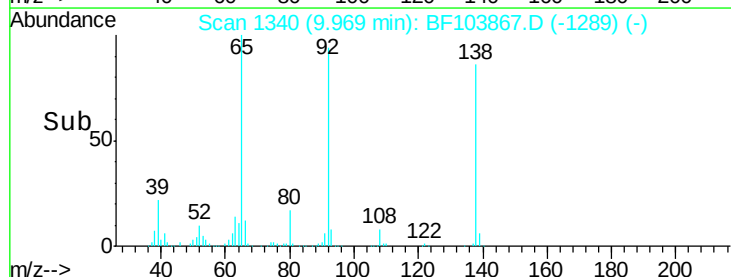
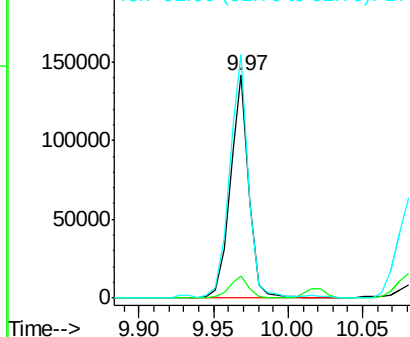
Lab File: BF103867.D

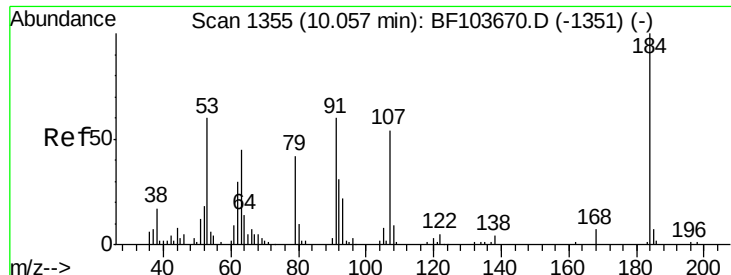
Acq: 23 Mar 2018 9:30

Tgt Ion:	138	Resp:	124208
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	109.4	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): BF1





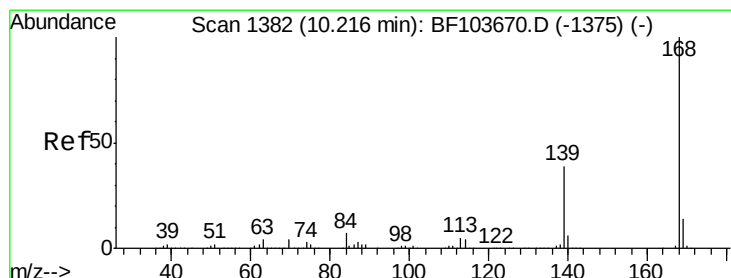
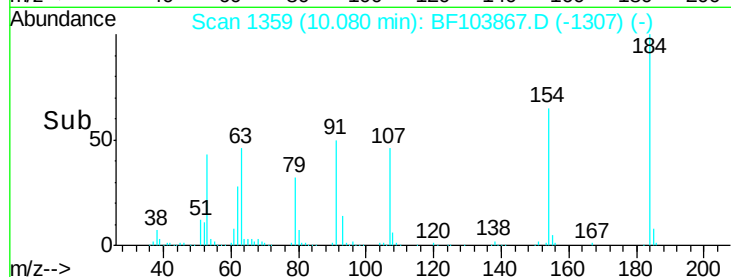
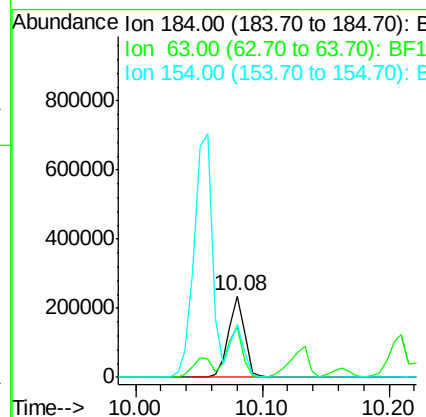
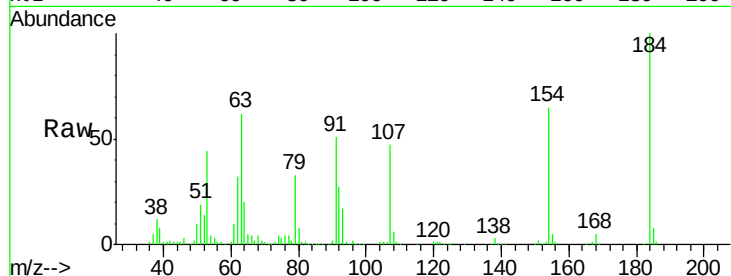
#53
2,4-Dinitrophenol
Concen: 119.055 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.2	54.2	81.2	
154	65.1	184.0	276.0	

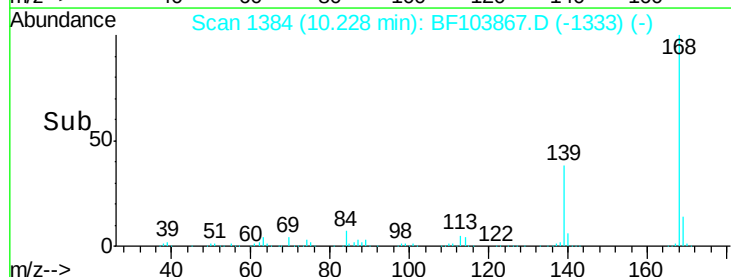
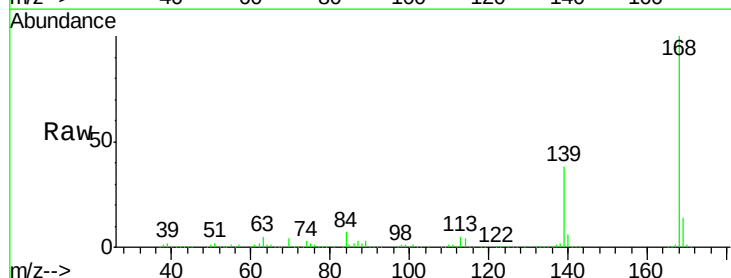
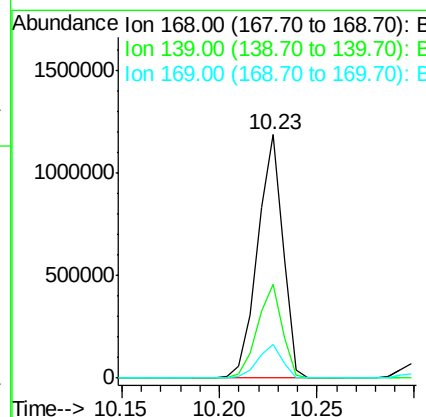
Manual Integrations
APPROVED

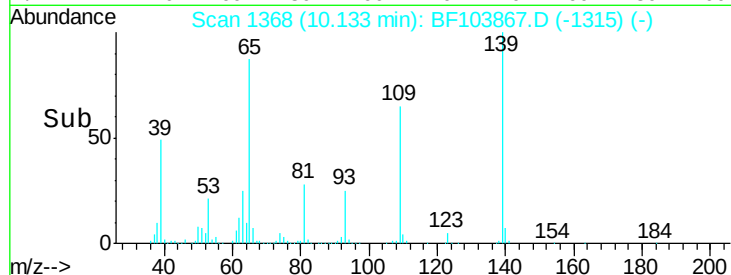
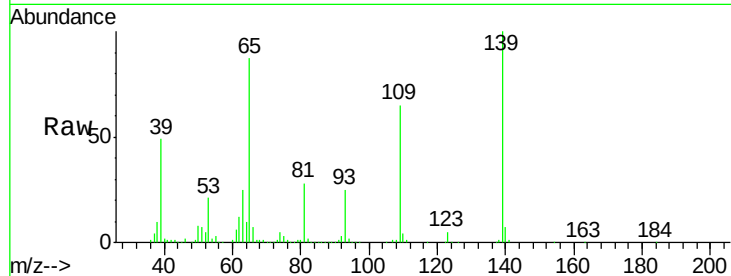
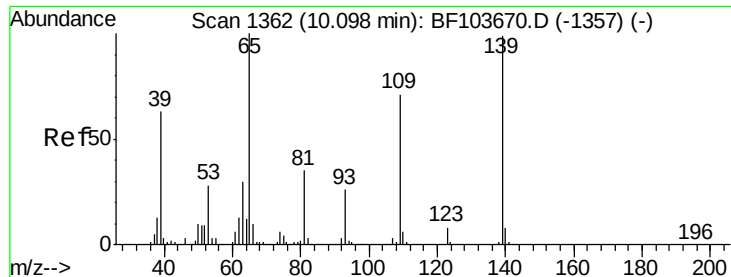
Sohil
3/26/2018 4:32:44 PM



#54
Dibenzofuran
Concen: 43.304 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.3	30.1	45.1	
169	13.6	10.9	16.3	





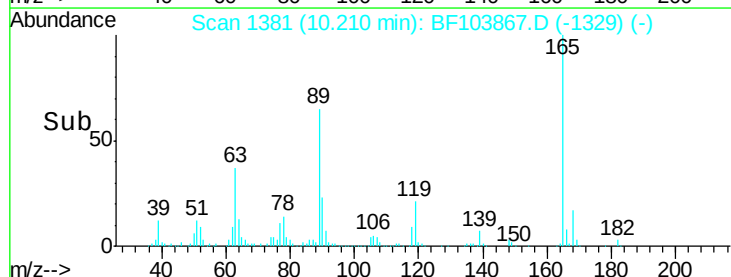
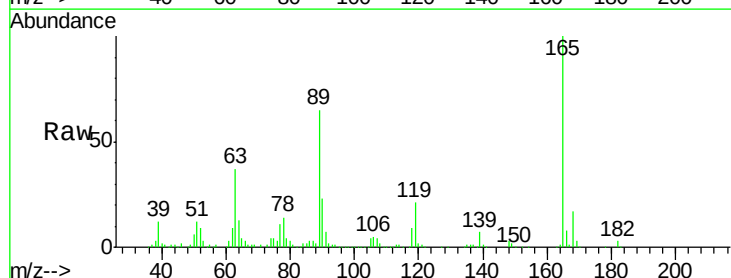
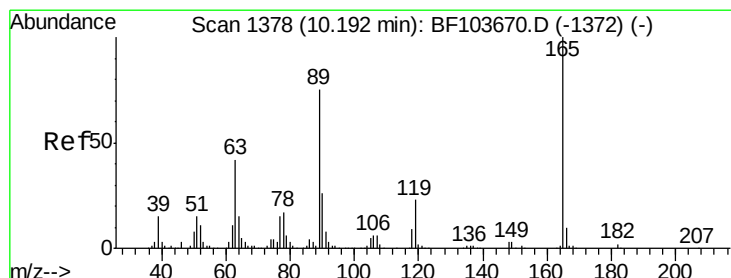
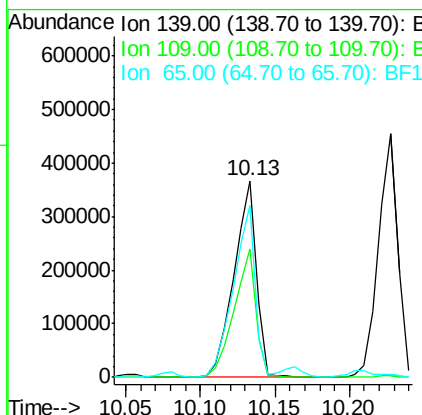
#55
4-Nitrophenol
Concen: 97.577 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.3	48.4	88.4	
65	87.4	72.6	112.6	

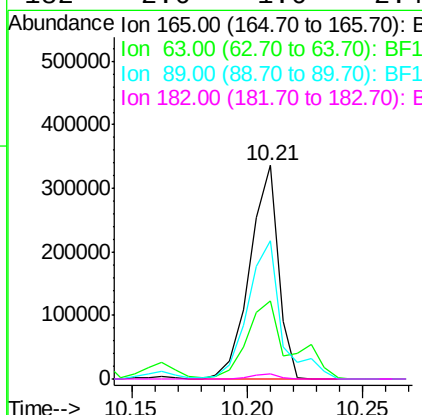
Manual Integrations
APPROVED

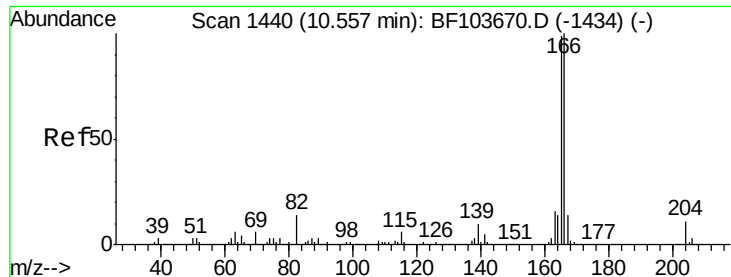
Sohil
3/26/2018 4:32:44 PM



#56
2,4-Dinitrotoluene
Concen: 54.552 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.9	36.4	54.6	
89	64.7	57.8	86.6	
182	2.6	1.6	2.4#	





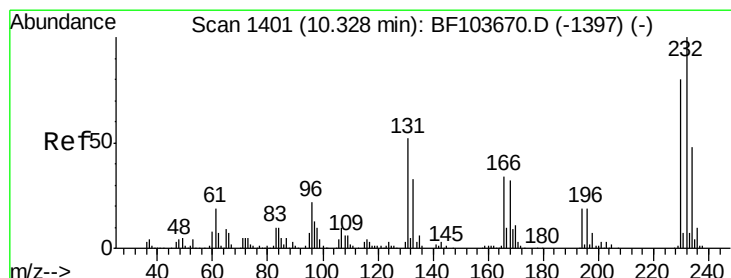
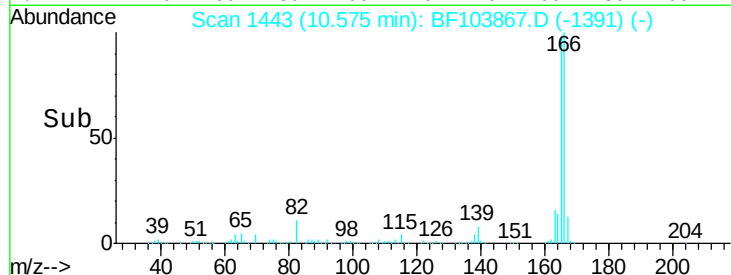
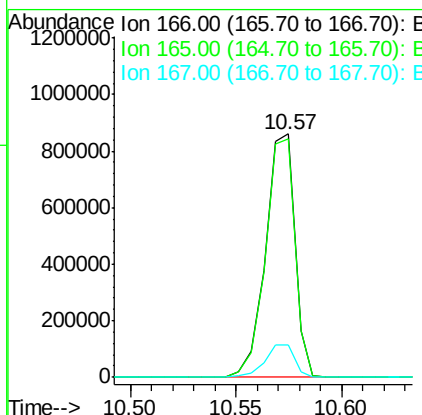
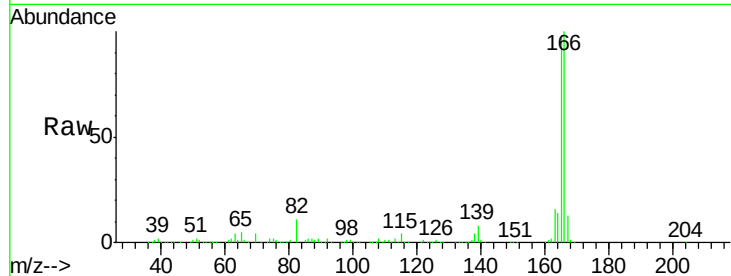
#57
 Fluorene
 Concen: 43.649 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	831356		
165	98.0	79.8	119.8	
167	13.2	10.6	16.0	

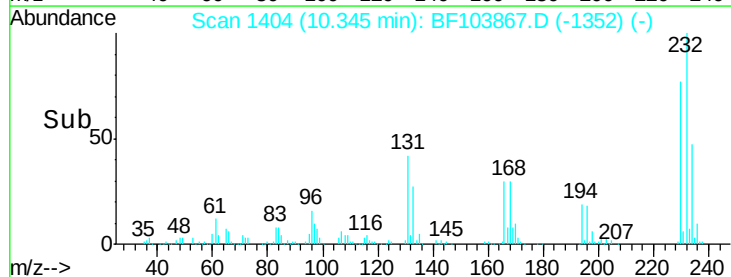
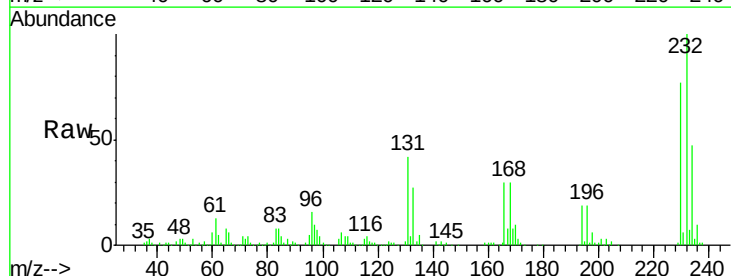
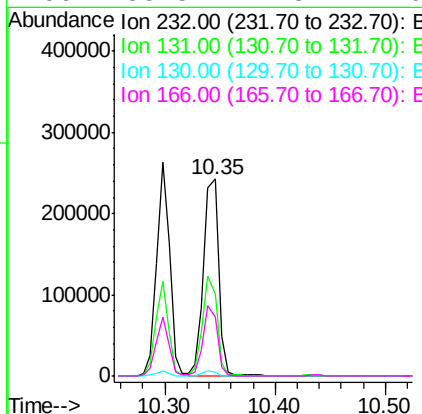
Manual Integrations
 APPROVED

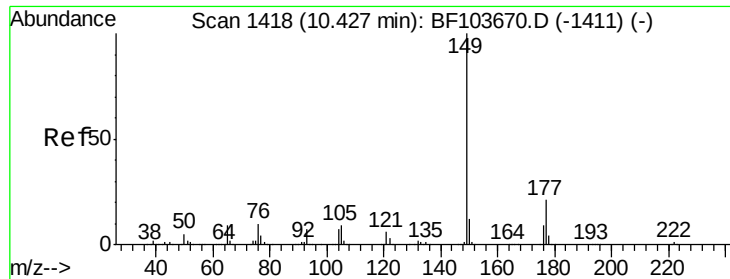
Sohil
 3/26/2018 4:32:44 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.594 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	224539		
131	48.3	43.8	65.8	
130	2.4	2.1	3.1	
166	33.5	27.8	41.6	





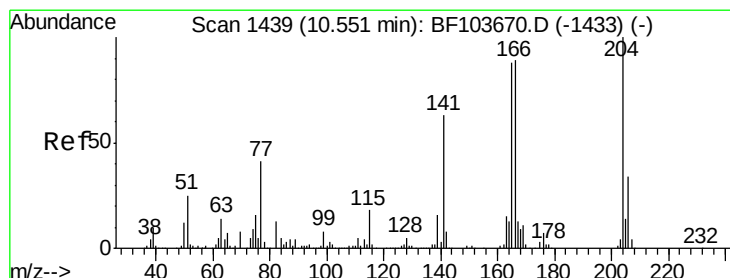
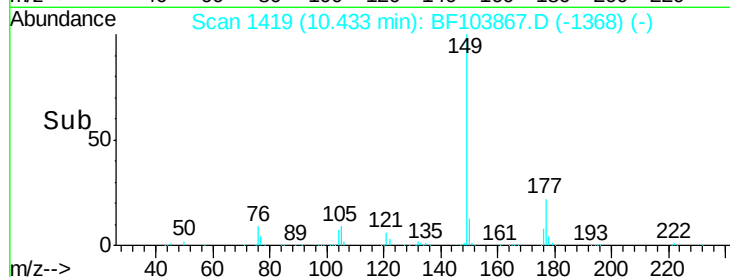
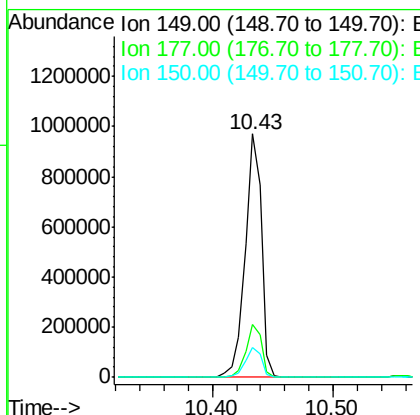
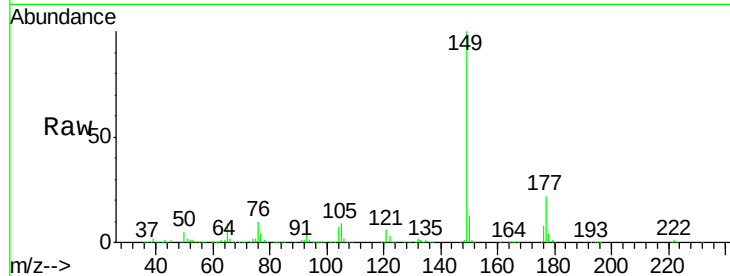
#59
Diethylphthalate
Concen: 42.858 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.5	10.1	15.1

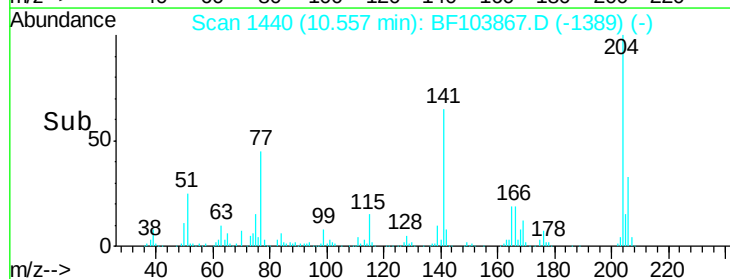
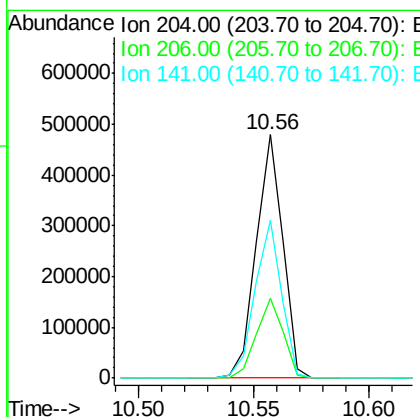
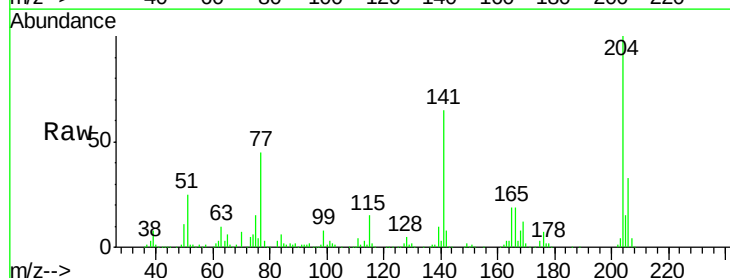
Manual Integrations
APPROVED

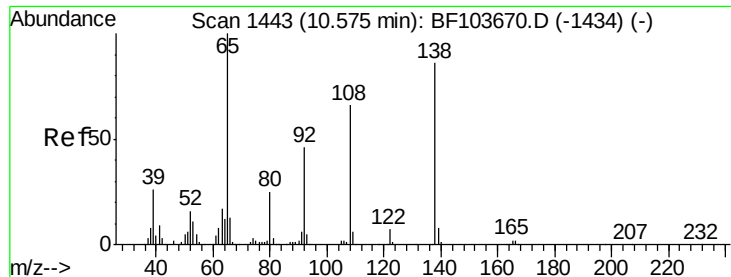
Sohil
3/26/2018 4:32:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.330 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	65.0	54.6	81.8





#61

4-Nitroaniline

Concen: 49.598 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

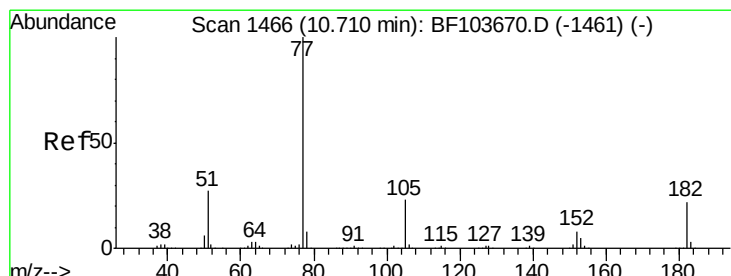
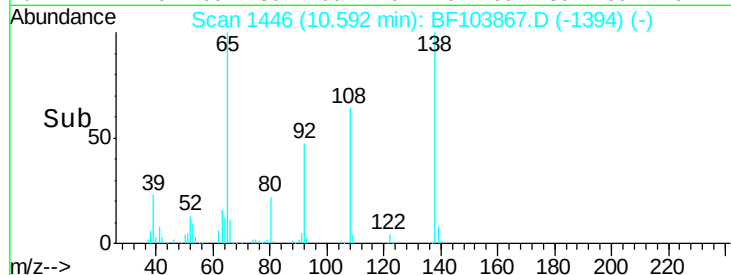
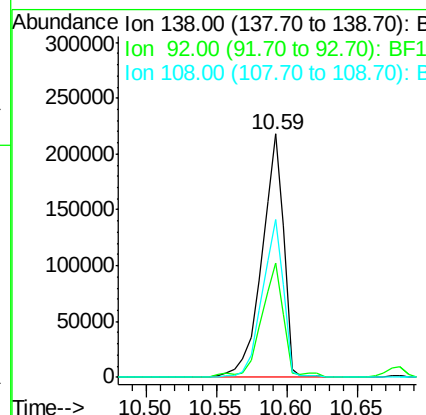
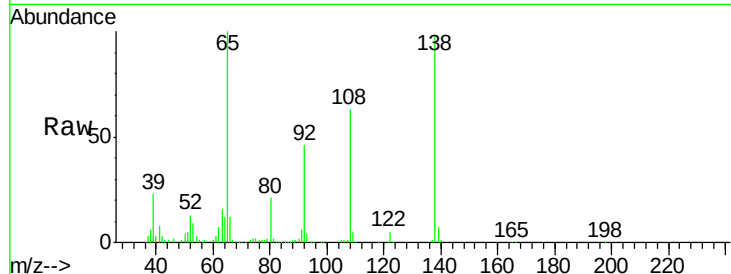
ClientSampled :

PB107555BS

Tot Ion:	138	Resp:	238609
Ion Ratio	Lower	Upper	
138	100		
92	47.2	30.2	70.2
108	64.7	52.5	92.5

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#62

Azobenzene

Concen: 39.694 ng

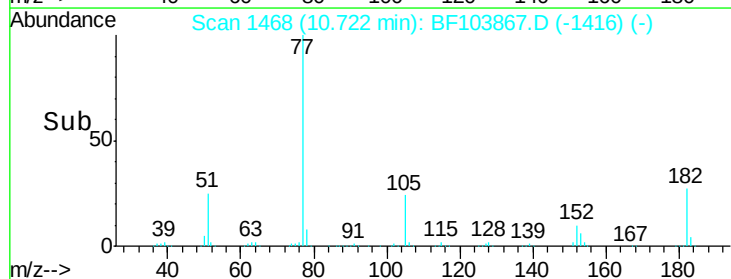
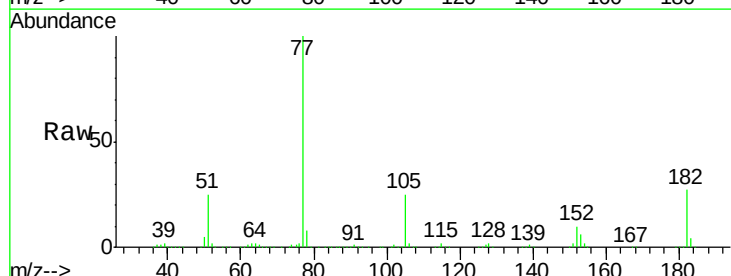
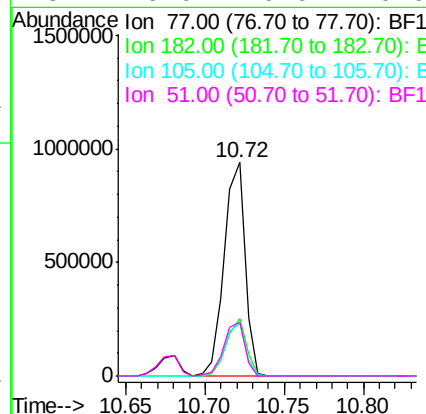
RT: 10.72 min Scan# 1468

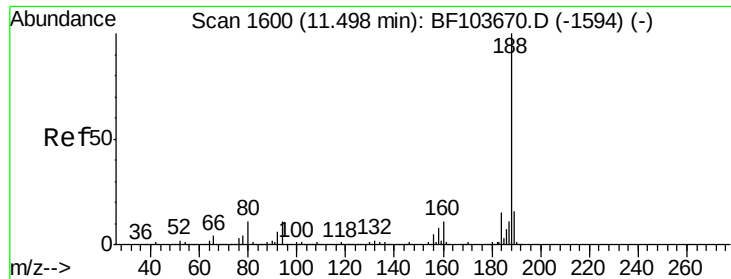
Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	77	Resp:	861237
Ion Ratio	Lower	Upper	
77	100		
182	27.1	1.7	41.7
105	24.6	3.0	43.0
51	25.0	9.9	49.9





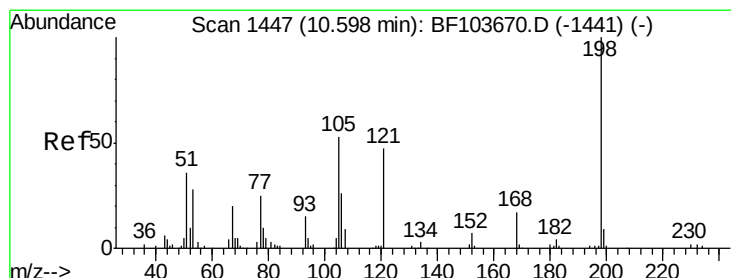
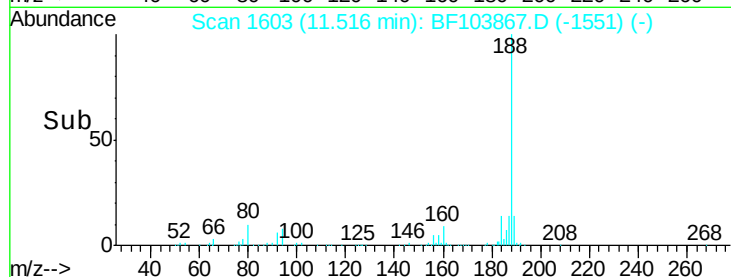
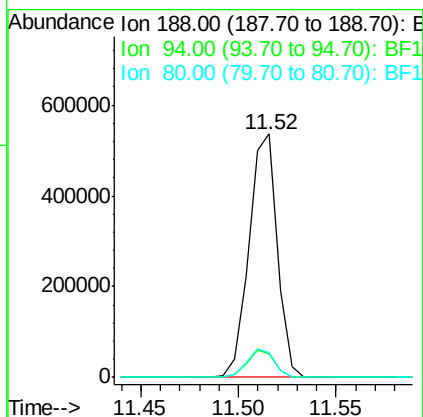
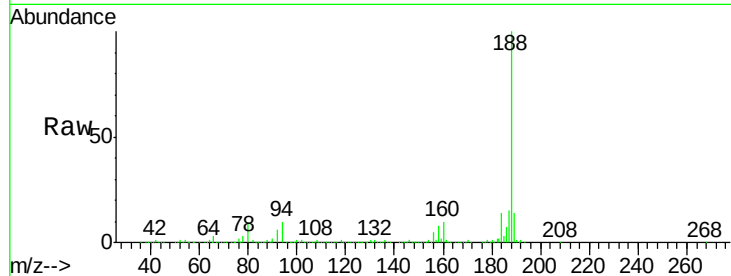
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8

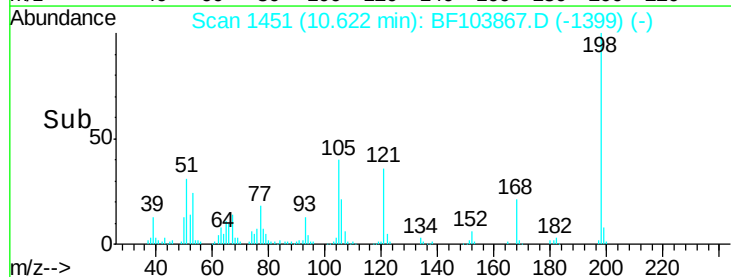
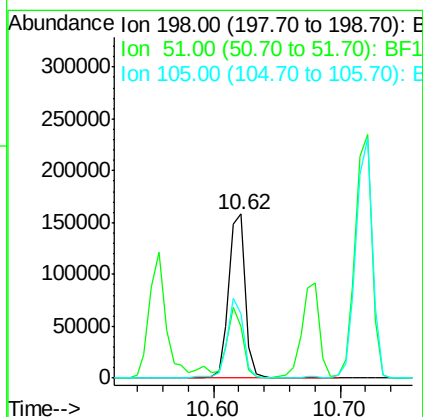
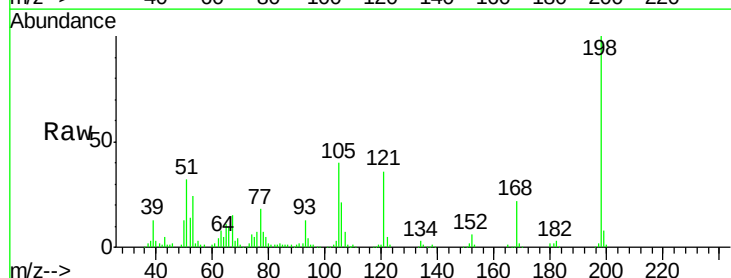
Manual Integrations
APPROVED

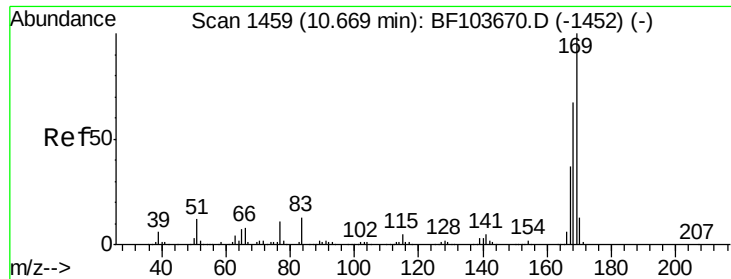
Sohil
3/26/2018 4:32:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 62.940 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	31.6	37.7	77.7#
105	39.6	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 41.210 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

PB107555BS

Tot Ion:169 Resp: 751462

Ion Ratio Lower Upper

169 100

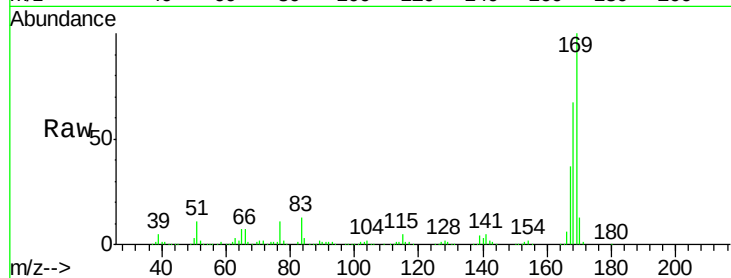
168 67.2 54.4 81.6

167 37.0 29.8 44.6

Manual Integrations
APPROVED

Sohil

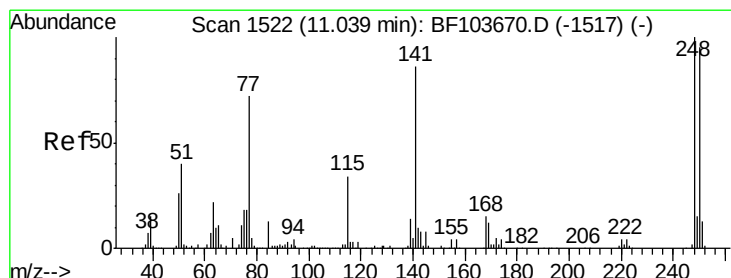
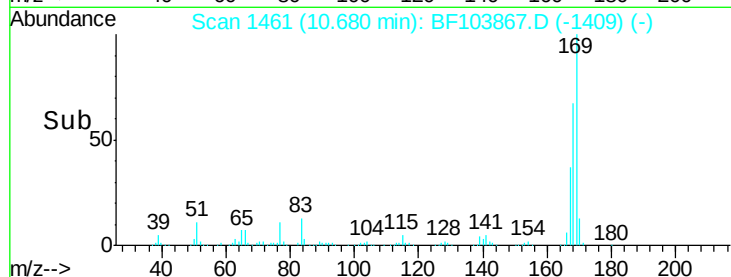
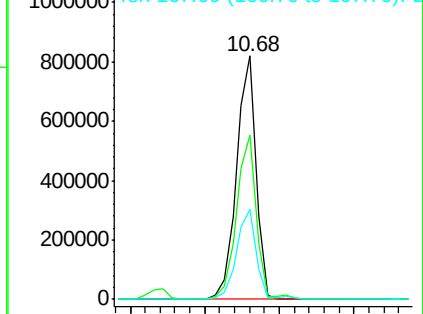
3/26/2018 4:32:44 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.997 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

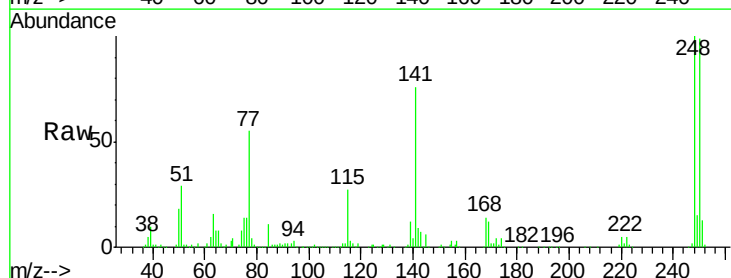
Tgt Ion:248 Resp: 236501

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

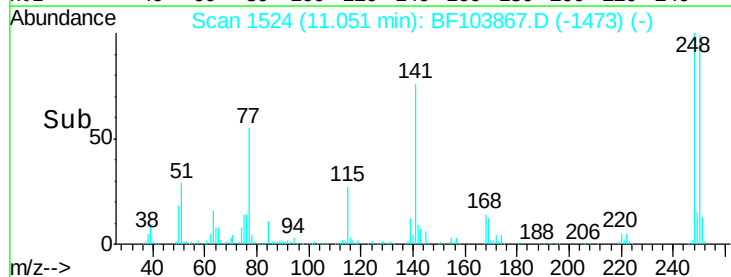
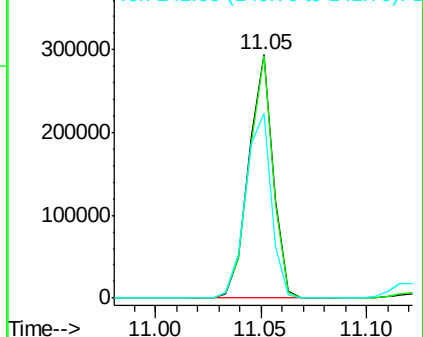
141 75.9 74.4 111.6

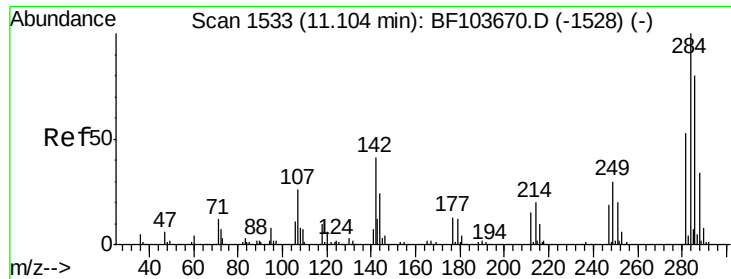


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





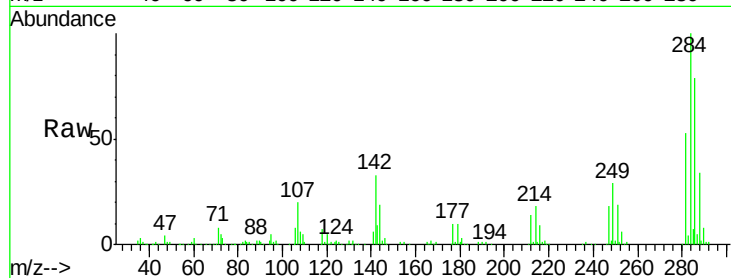
#67
Hexachlorobenzene
Concen: 42.869 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

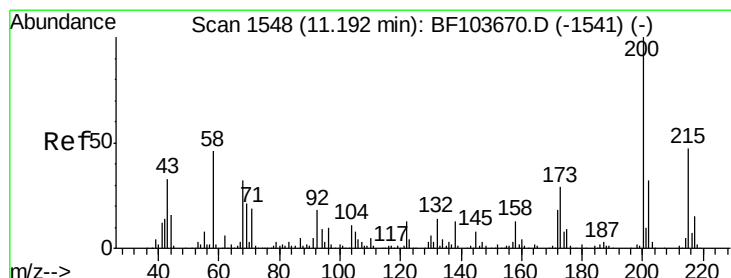
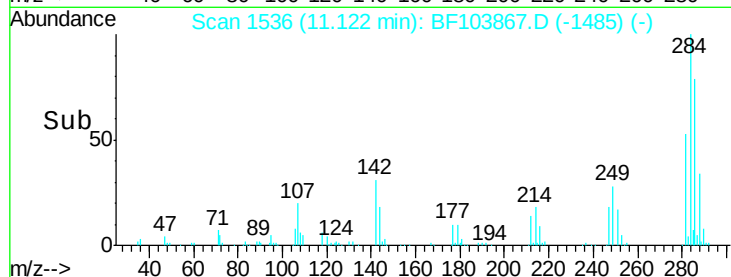
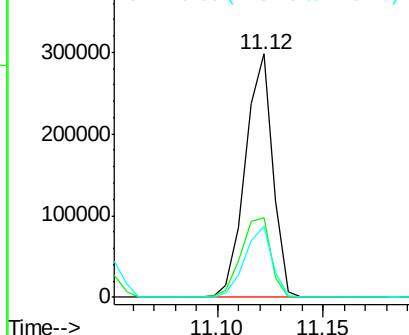
Tot Ion	Ratio	Resp	Lower	Upper
284	100	269124		
142	33.0	34.6	52.0	
249	29.1	24.8	37.2	

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM

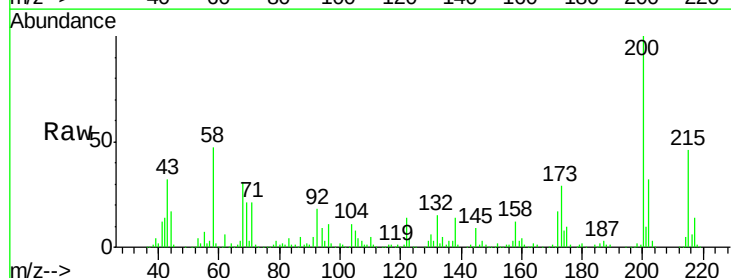


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

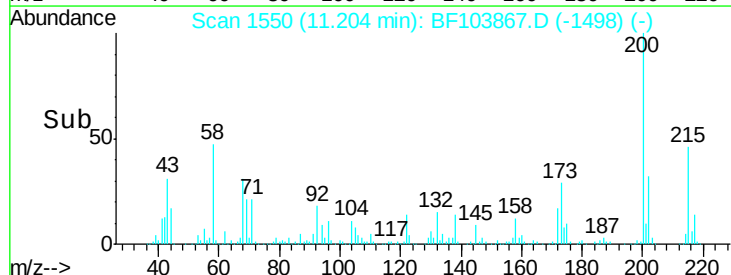
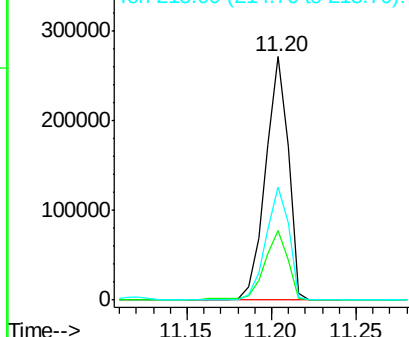


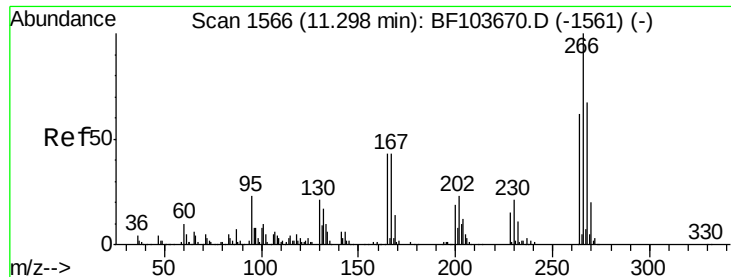
#68
Atrazine
Concen: 44.601 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	251589		
173	28.7	8.6	48.6	
215	46.4	25.1	65.1	



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





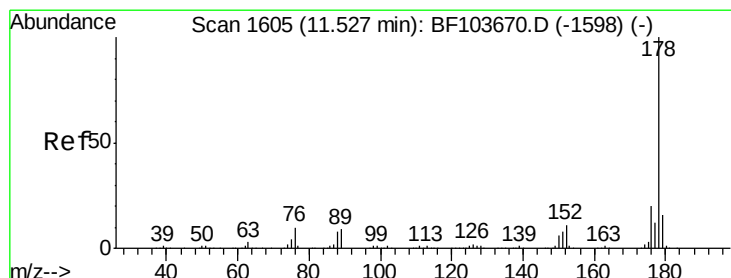
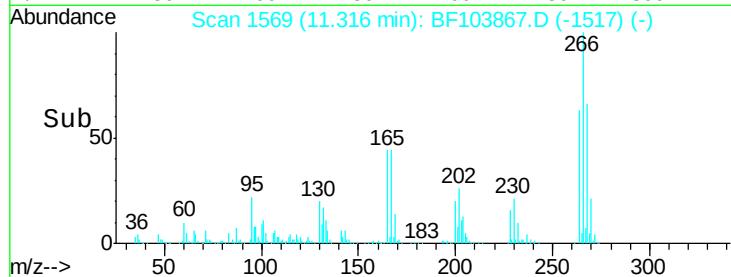
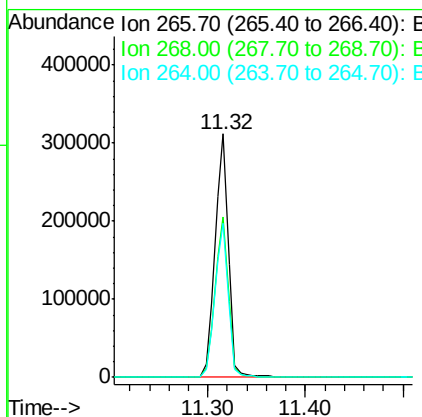
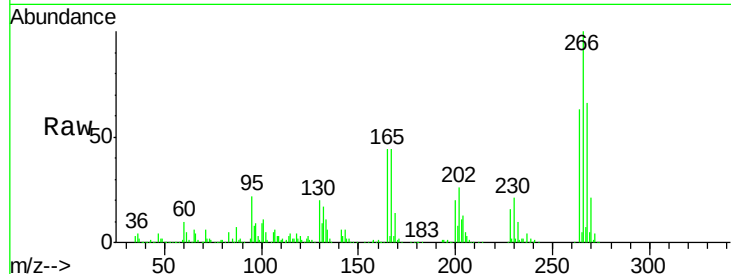
#69
 Pentachlorophenol
 Concen: 81.910 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	295633		
268	65.9	51.1	76.7	
264	63.2	49.5	74.3	

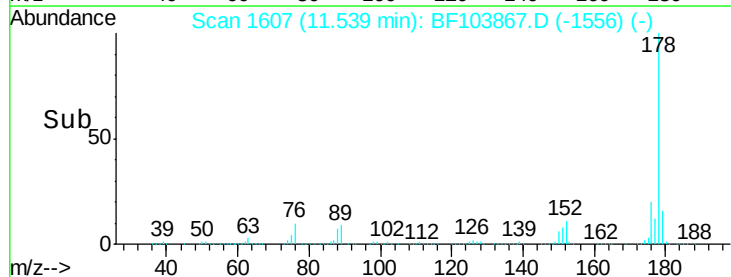
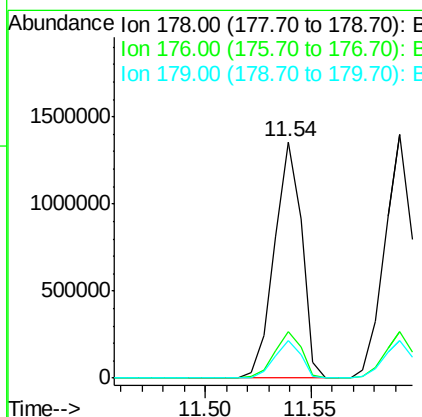
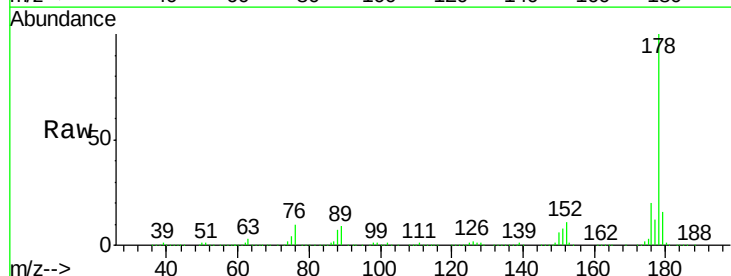
Manual Integrations
 APPROVED

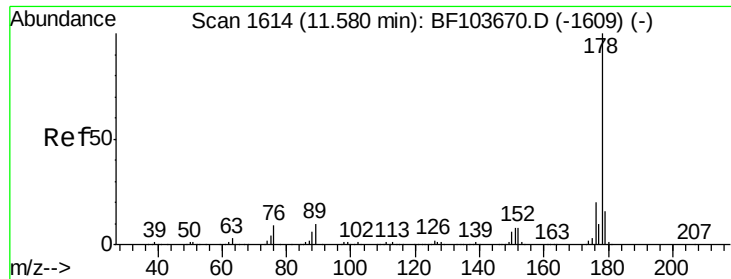
Sohil
 3/26/2018 4:32:44 PM



#70
 Phenanthrene
 Concen: 41.671 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1221162		
176	19.8	15.8	23.8	
179	15.8	13.0	19.6	





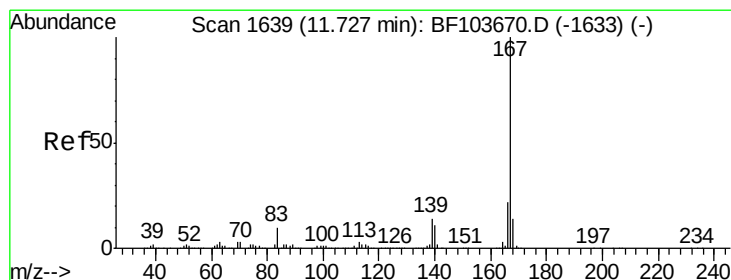
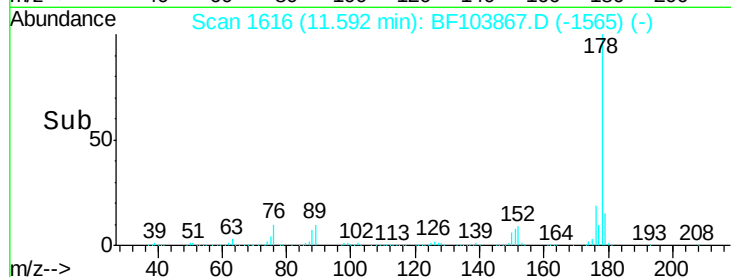
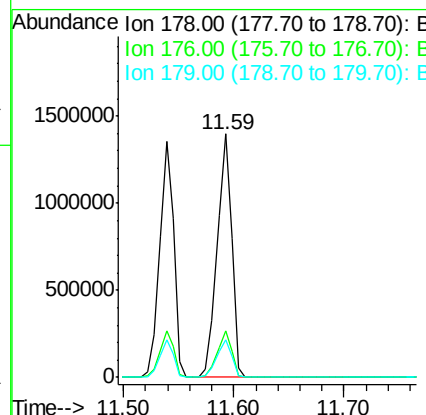
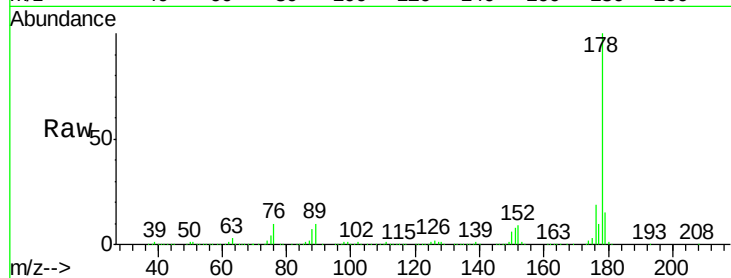
#71
 Anthracene
 Concen: 42.448 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion:178 Resp: 1263416
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0

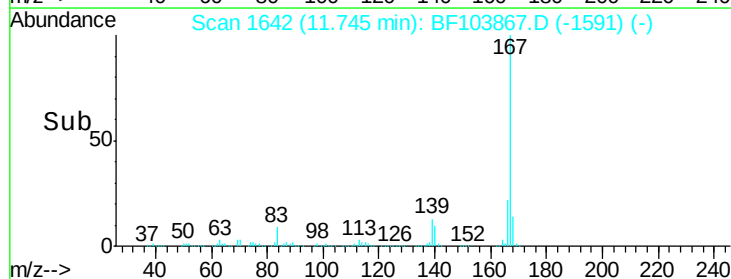
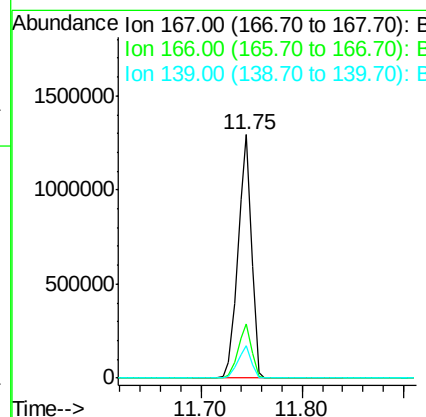
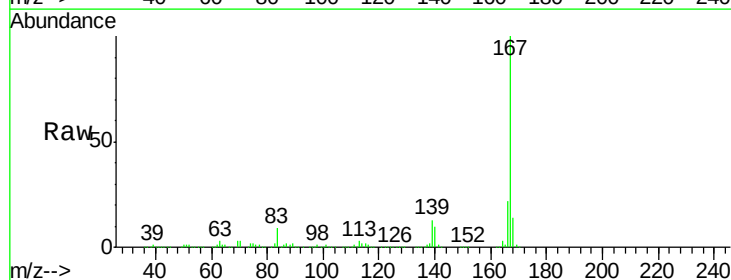
Manual Integrations
 APPROVED

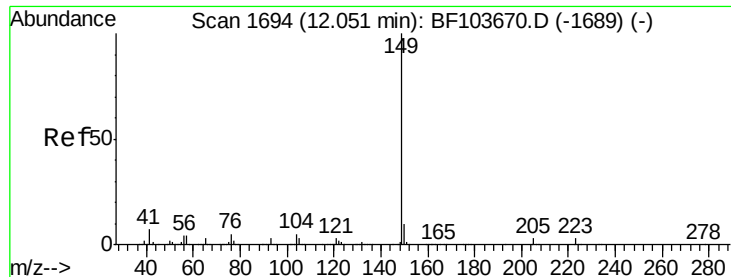
Sohil
 3/26/2018 4:32:44 PM



#72
 Carbazole
 Concen: 41.388 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:167 Resp: 1197317
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.631 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

PB107555BS

Tot Ion:149 Resp: 1445078

Ion Ratio Lower Upper

149 100

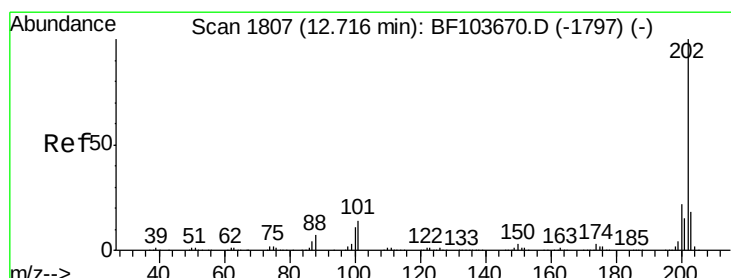
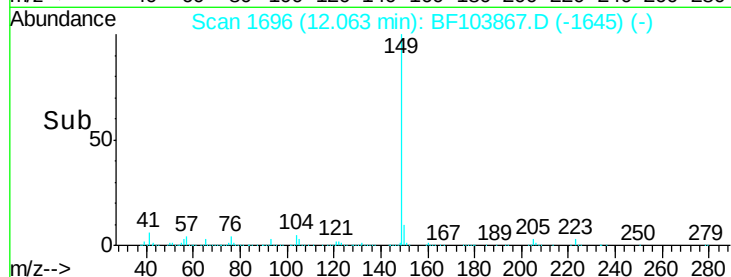
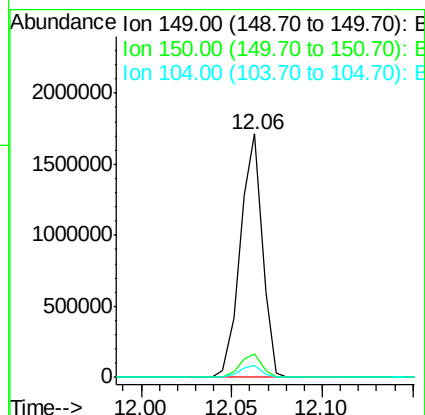
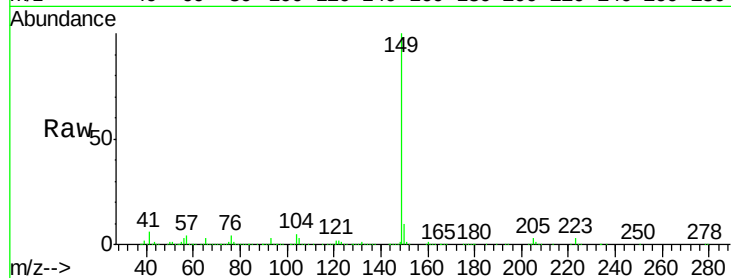
150 9.6 7.8 11.6

104 4.6 3.8 5.8

Manual Integrations
APPROVED

Sohil

3/26/2018 4:32:44 PM



#74

Fluoranthene

Concen: 43.386 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

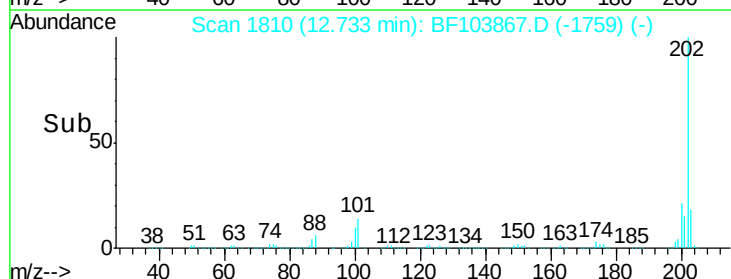
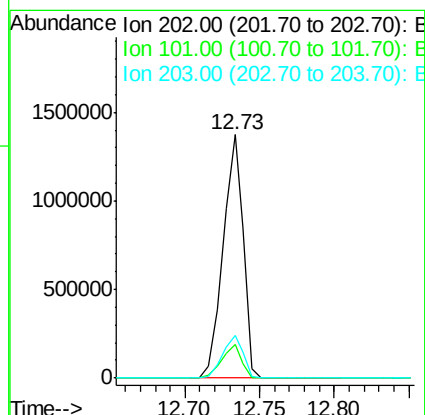
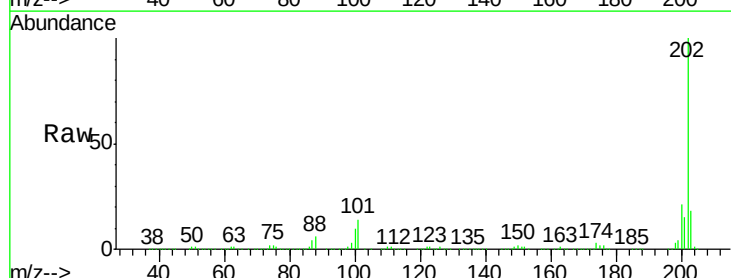
Tgt Ion:202 Resp: 1309857

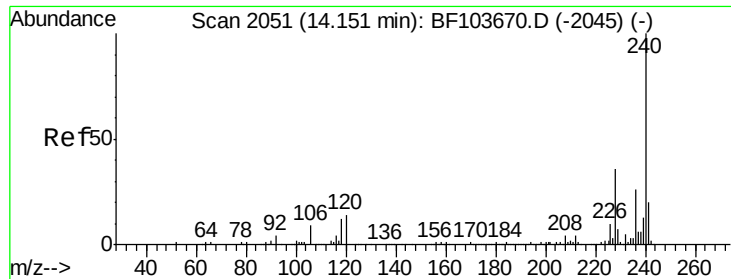
Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

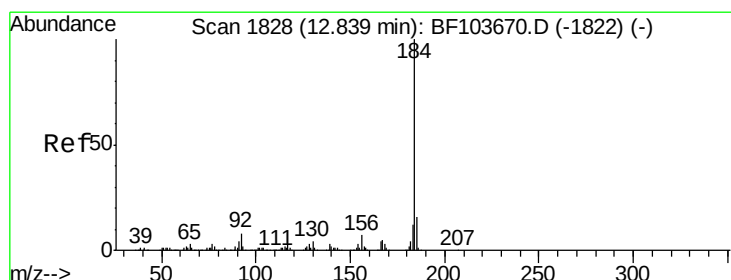
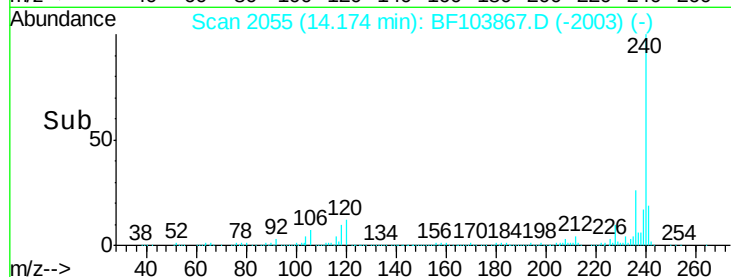
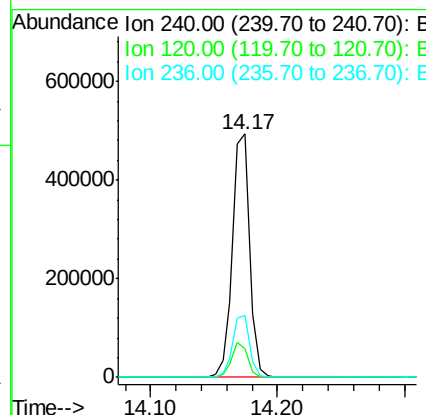
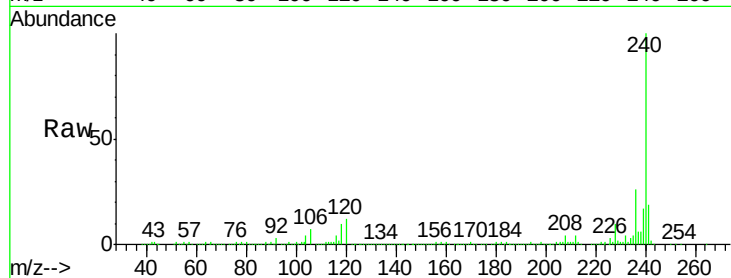
ClientSampleId :

PB107555BS

Tot Ion:	240	Resp:	463297
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#76

Benzidine

Concen: 21.085 ng

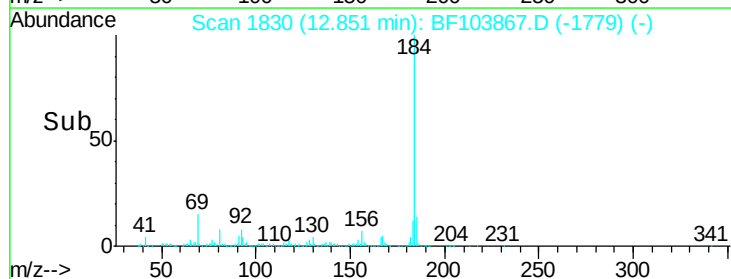
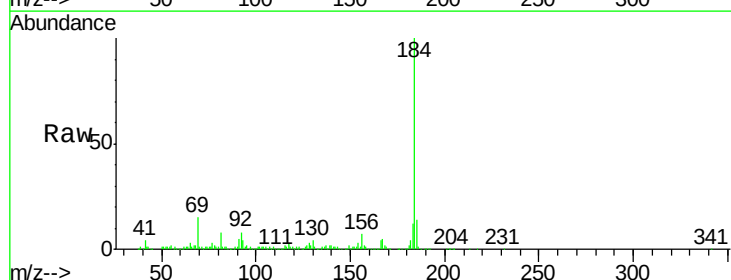
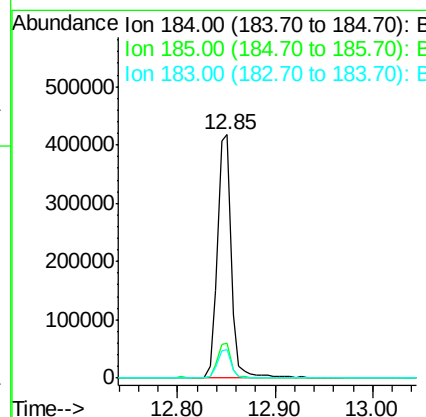
RT: 12.85 min Scan# 1830

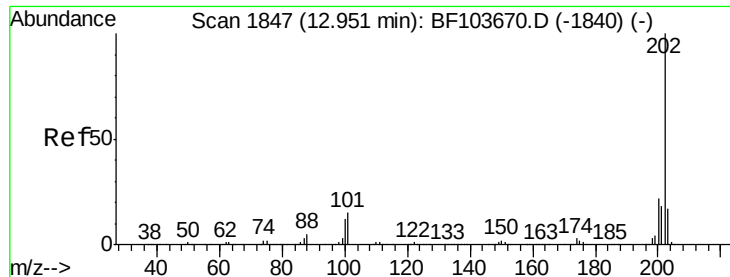
Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	184	Resp:	416640
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.8	9.3	13.9





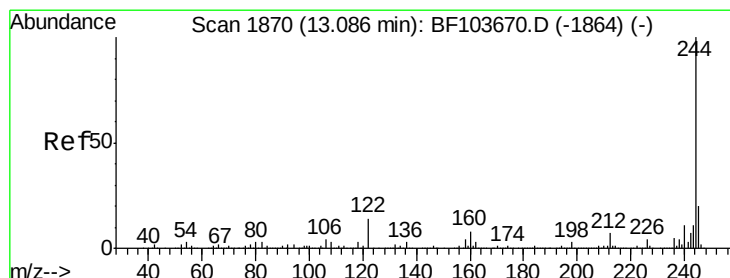
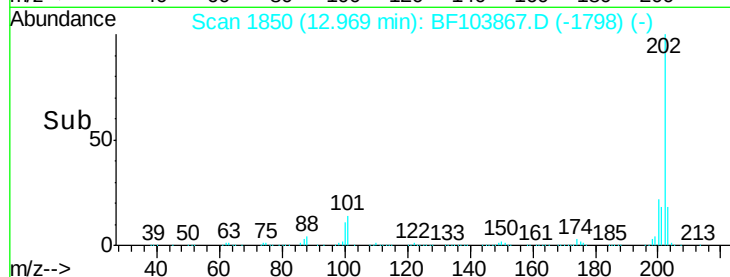
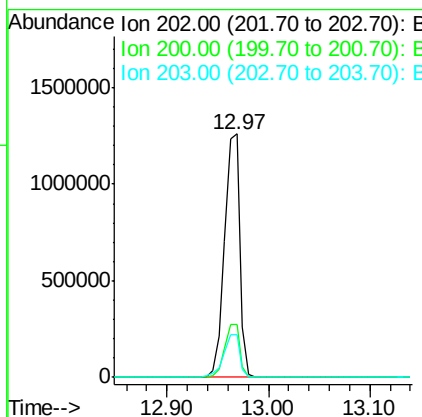
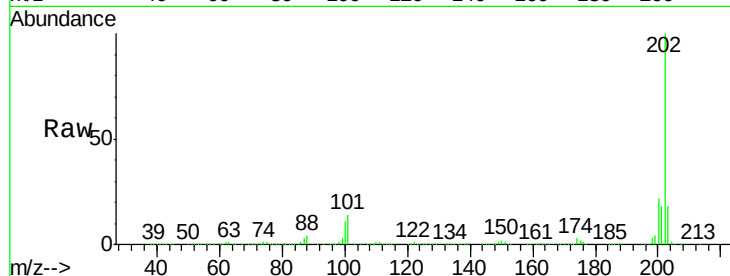
#77
 Pvrene
 Concen: 38.863 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.3	21.5

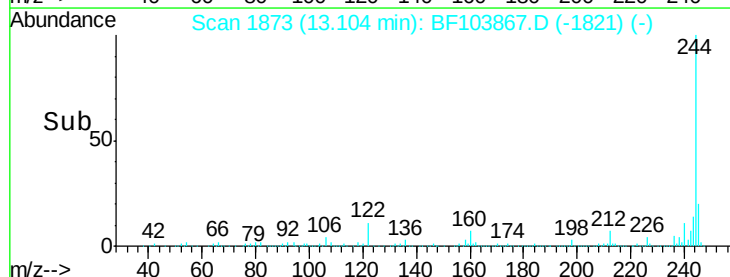
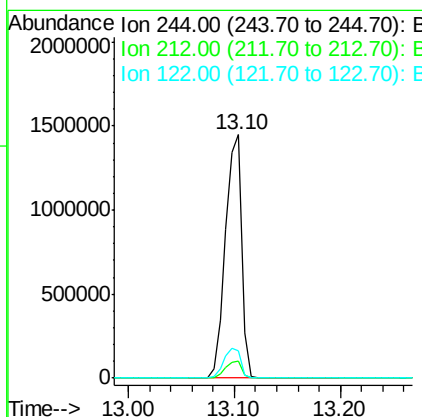
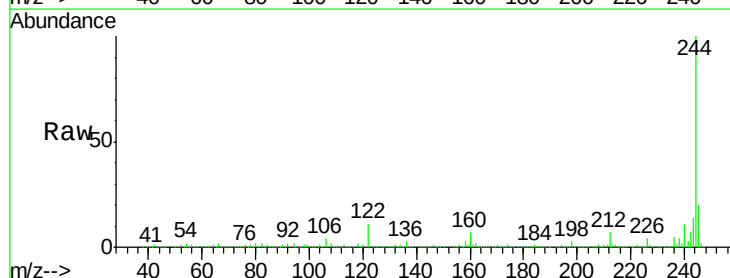
Manual Integrations
 APPROVED

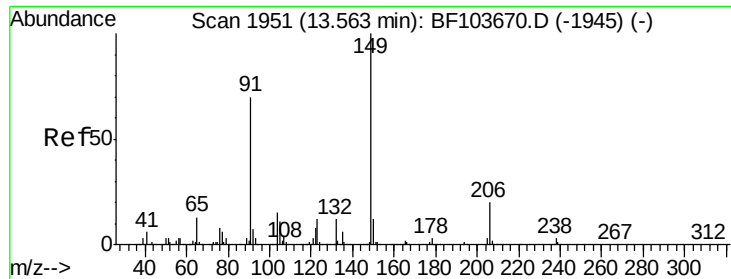
Sohil
 3/26/2018 4:32:44 PM



#78
 Terphenyl-d14
 Concen: 77.550 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.2	11.0	16.4





#79

Butylbenzylphthalate

Concen: 44.413 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

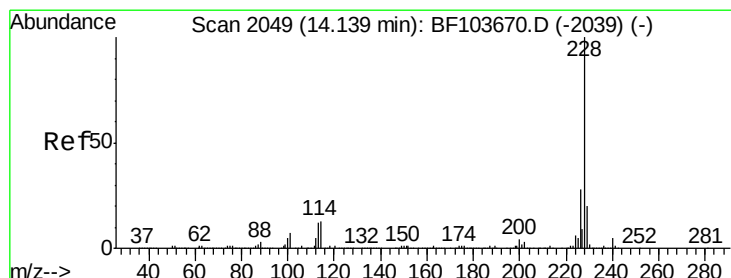
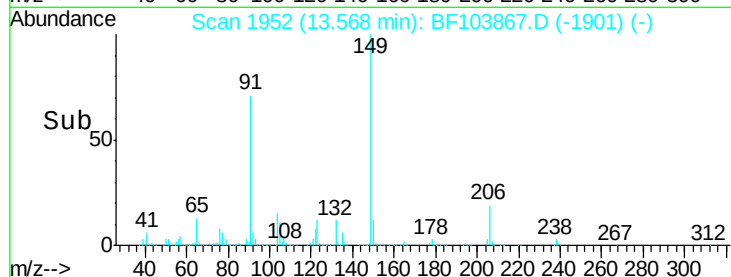
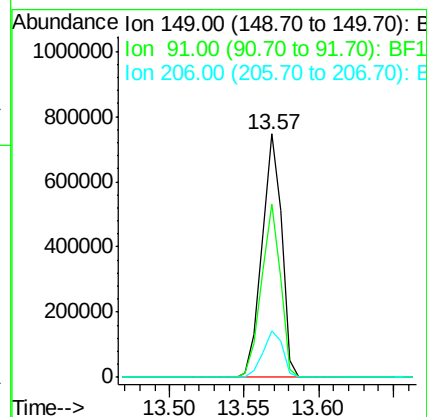
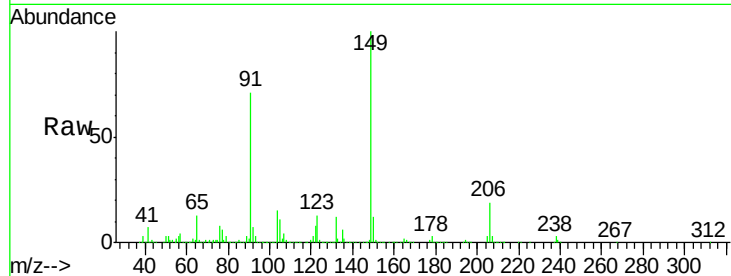
ClientSampleID :

PB107555BS

Tot Ion:	149	Resp:	669508
Ion Ratio	Lower	Upper	
149	100		
91	71.2	56.8	85.2
206	19.0	14.1	21.1

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#80

Benzo(a)anthracene

Concen: 42.862 ng

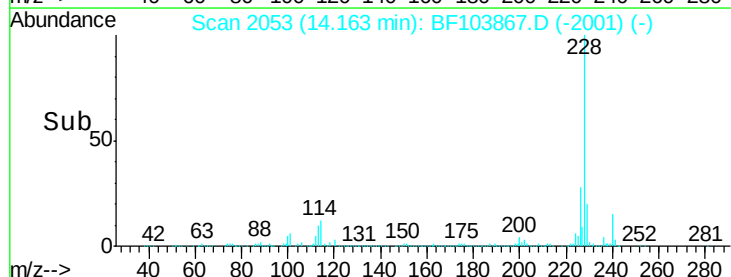
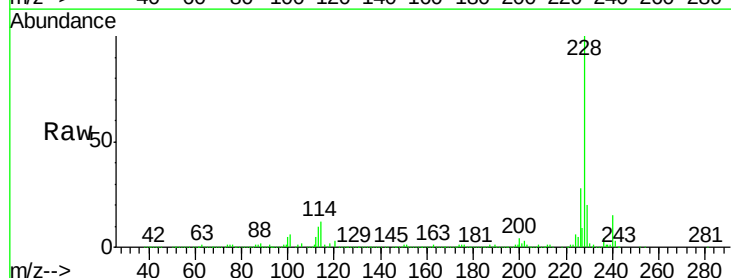
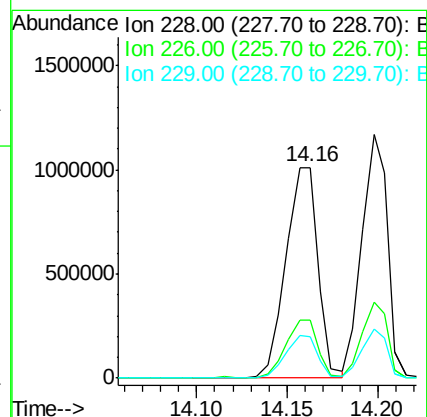
RT: 14.16 min Scan# 2053

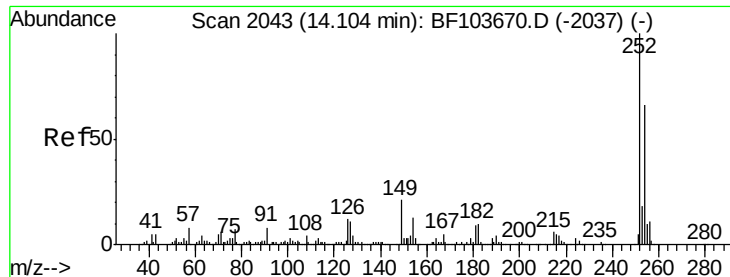
Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	228	Resp:	1256999
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6





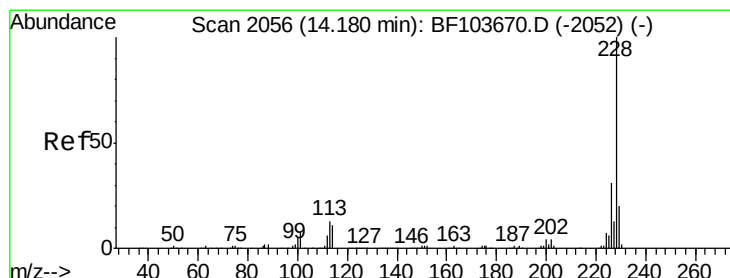
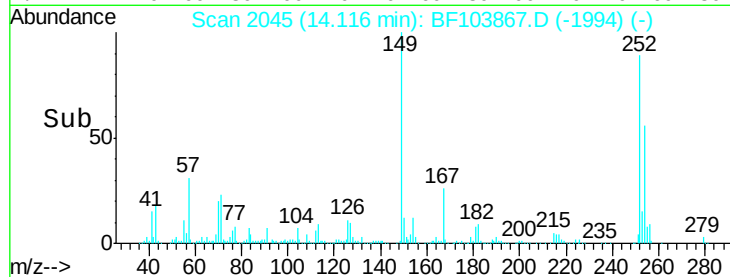
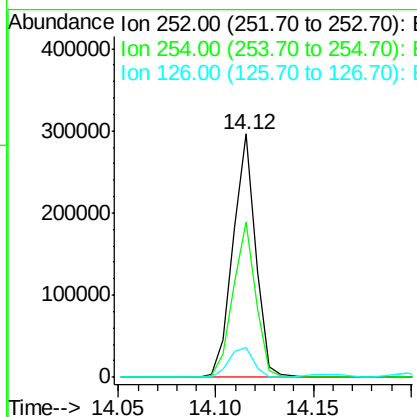
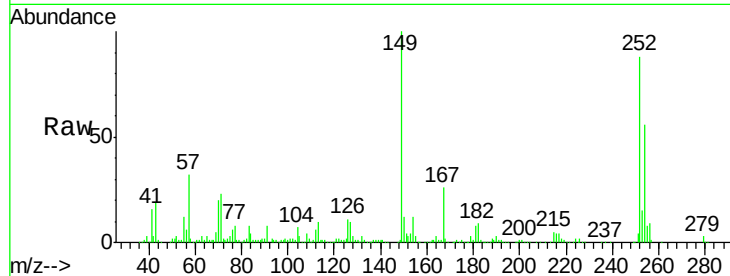
#81
 3,3'-Dichlorobenzidine
 Concen: 24.415 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion:	252	Resp:	239499
Ion Ratio		Lower	Upper
252	100		
254	63.5	50.4	75.6
126	12.2	11.3	16.9

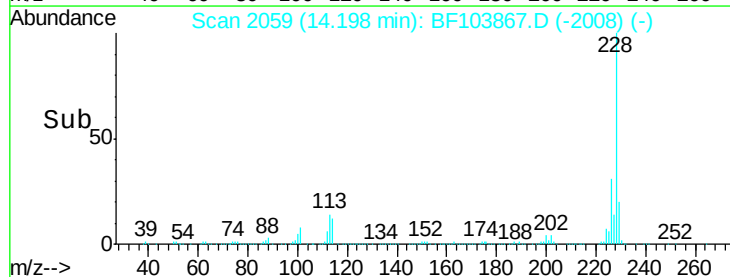
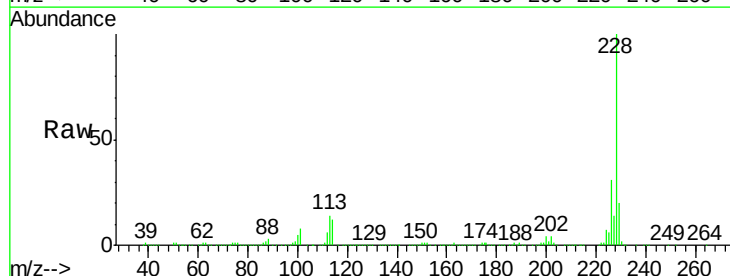
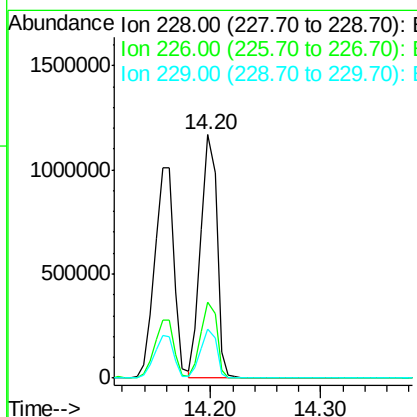
Manual Integrations
 APPROVED

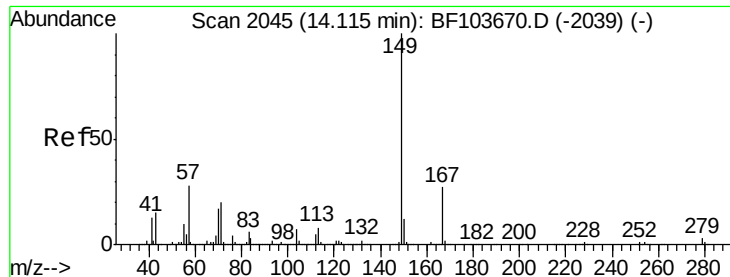
Sohil
 3/26/2018 4:32:44 PM



#82
 Chrysene
 Concen: 41.289 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:	228	Resp:	1154264
Ion Ratio		Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.236 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

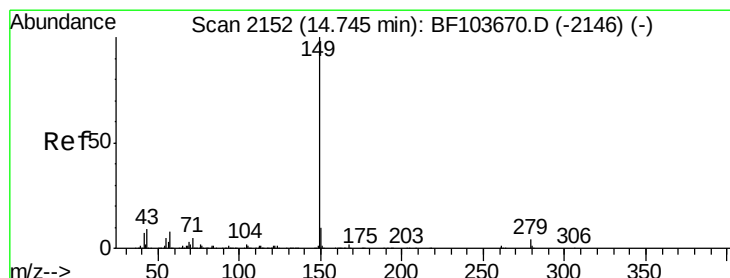
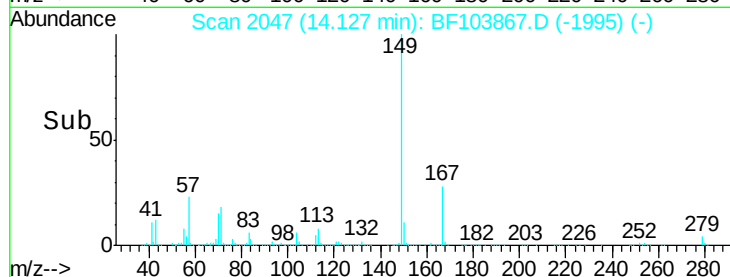
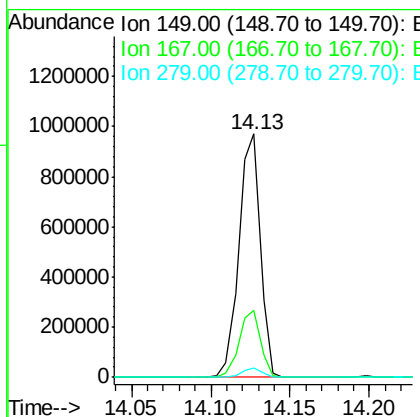
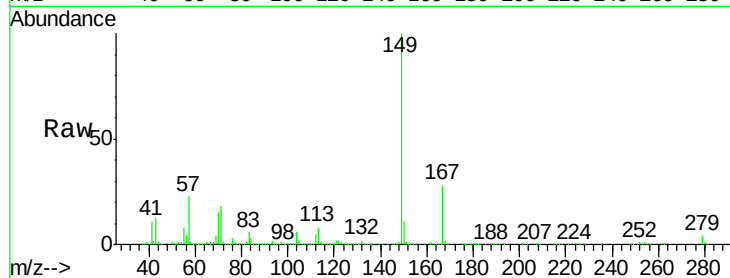
ClientSampleId :

PB107555BS

Tot Ion:	149	Resp:	909564
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
APPROVED

Sohil
3/26/2018 4:32:44 PM



#84

Di-n-octyl phthalate

Concen: 51.286 ng

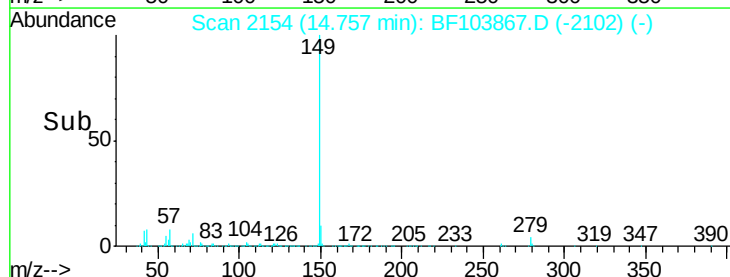
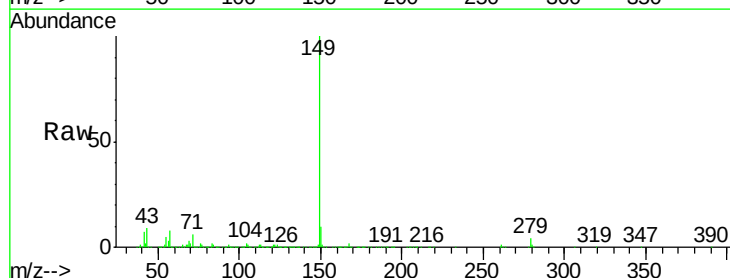
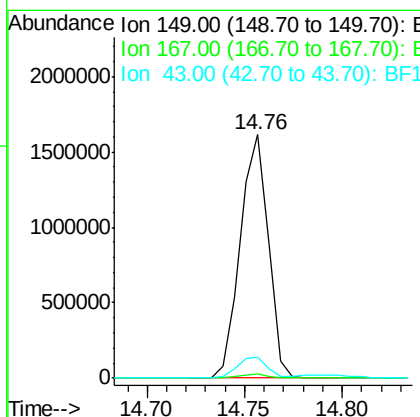
RT: 14.76 min Scan# 2154

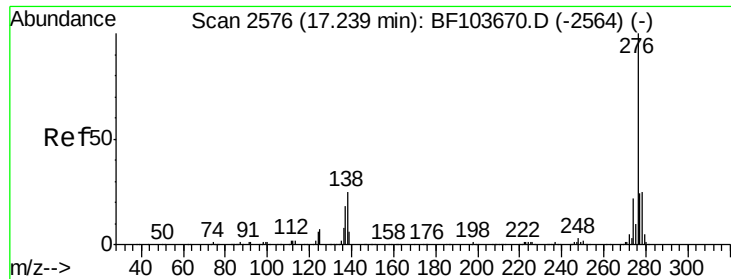
Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Tgt Ion:	149	Resp:	1606771
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.8	8.4	12.6





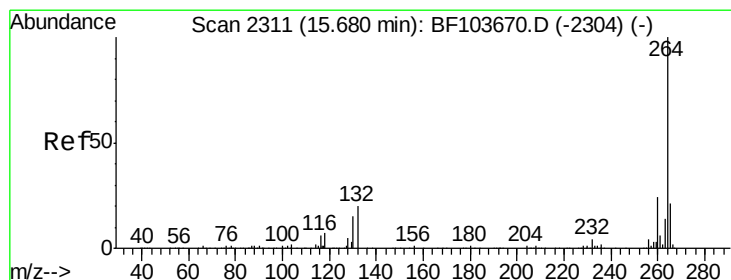
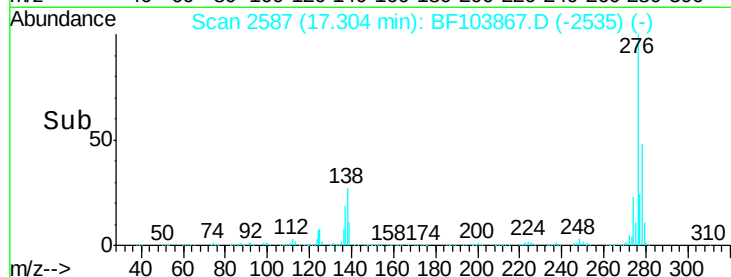
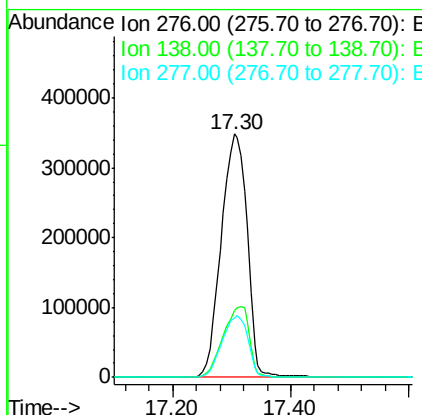
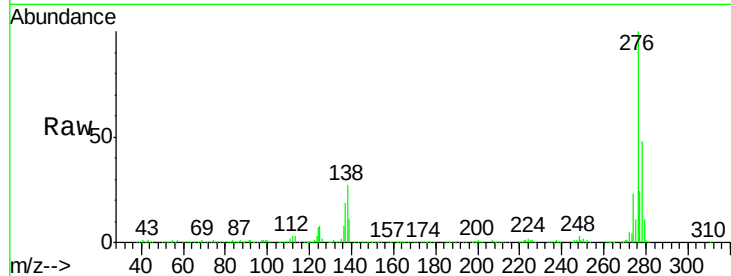
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.884 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.4	20.1	30.1

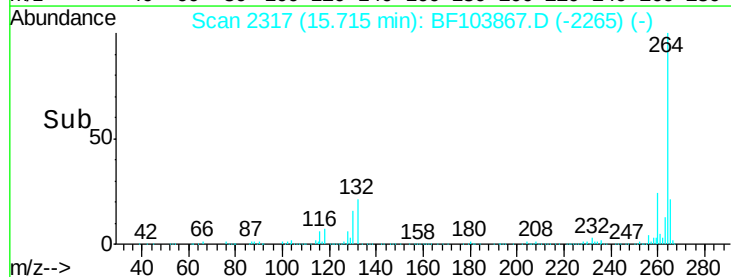
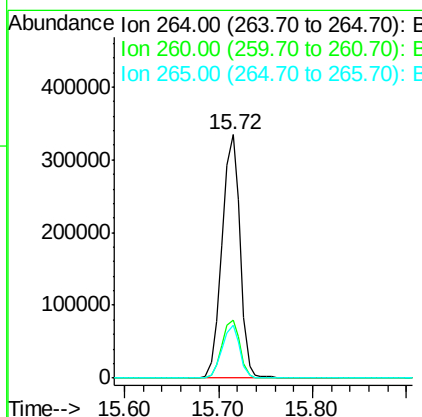
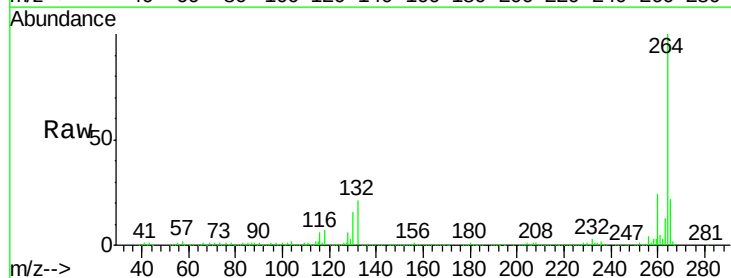
Manual Integrations
APPROVED

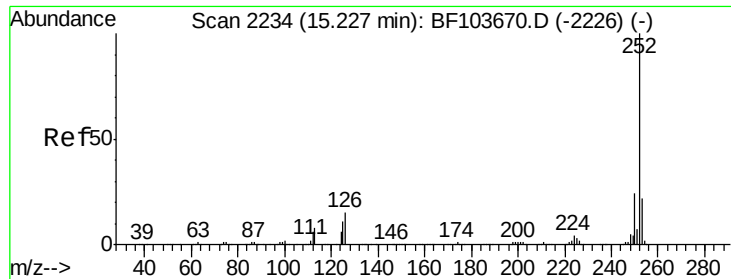
Sohil
3/26/2018 4:32:44 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.146 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

PB107555BS

Tot Ion:252 Resp: 1281941

Ion Ratio Lower Upper

252 100

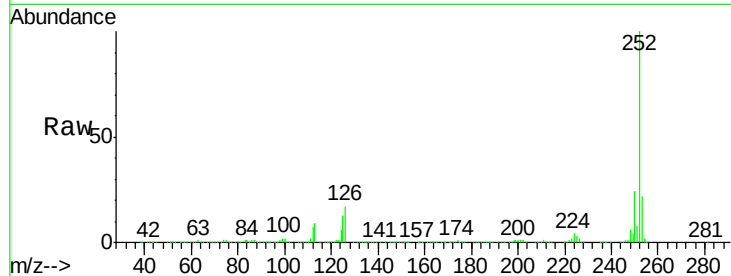
253 22.0 17.0 25.6

125 12.9 9.0 13.6

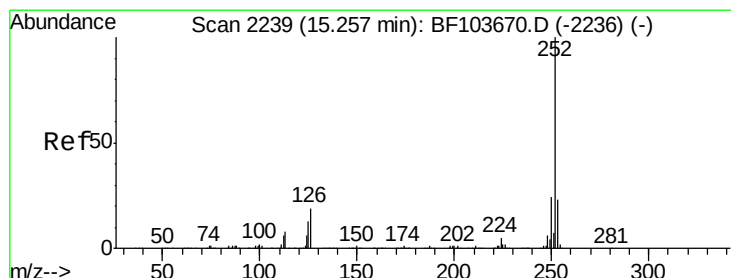
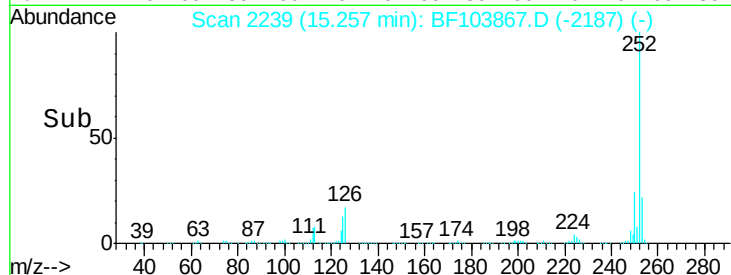
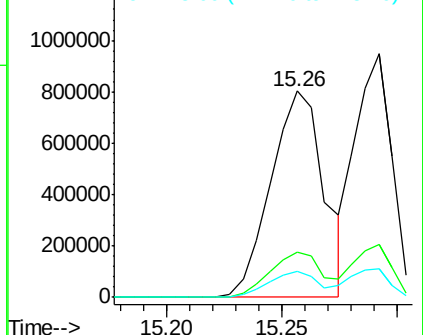
Manual Integrations
APPROVED

Sohil

3/26/2018 4:32:44 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.773 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

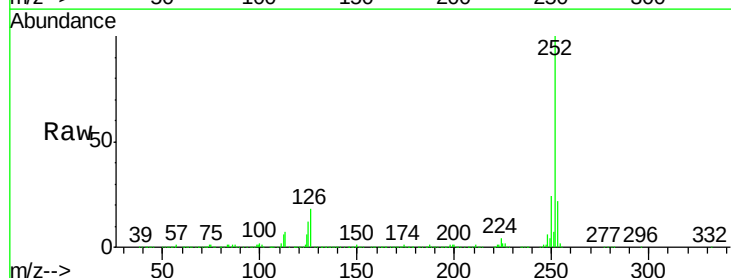
Tgt Ion:252 Resp: 1058324

Ion Ratio Lower Upper

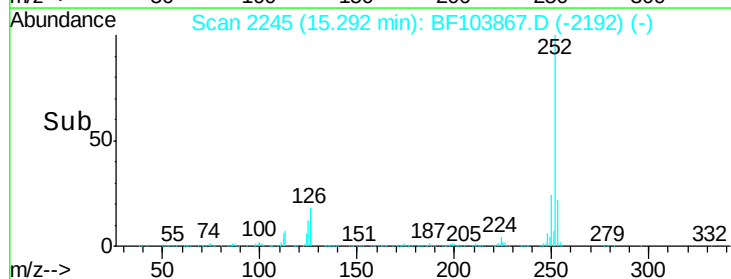
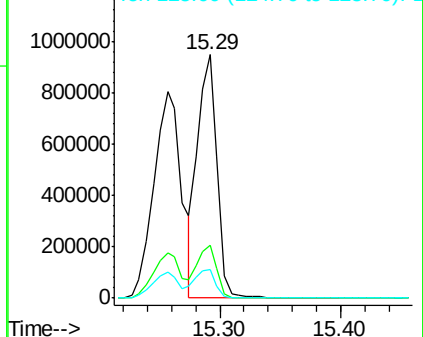
252 100

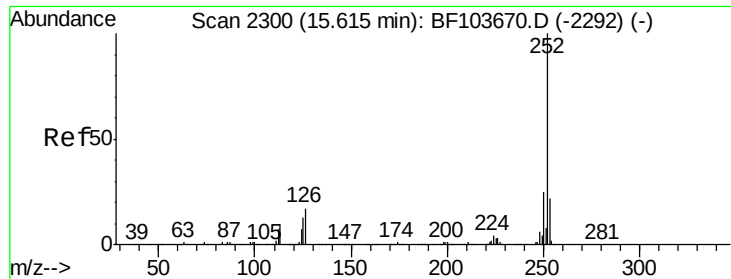
253 21.8 17.9 26.9

125 11.8 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





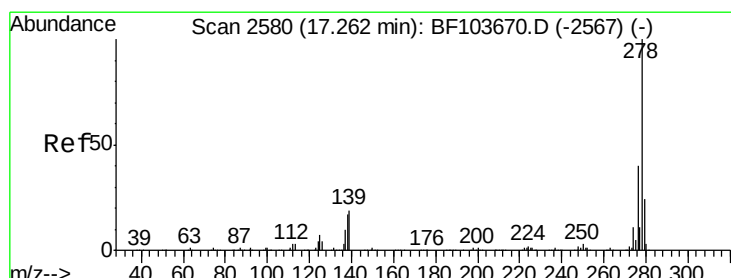
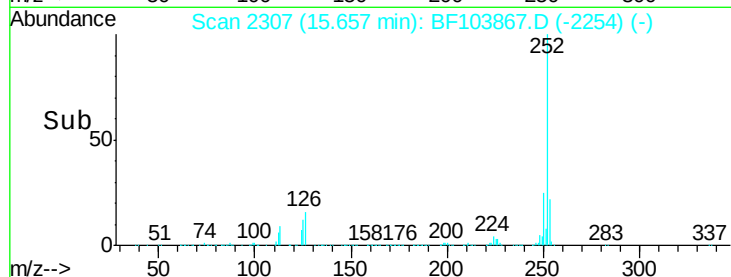
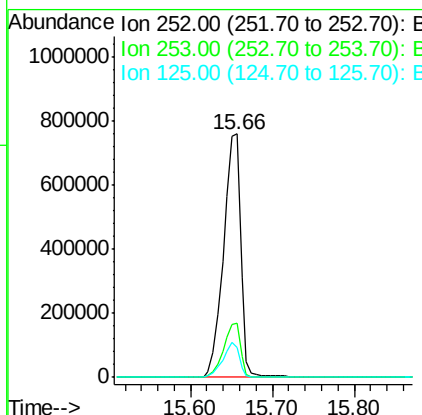
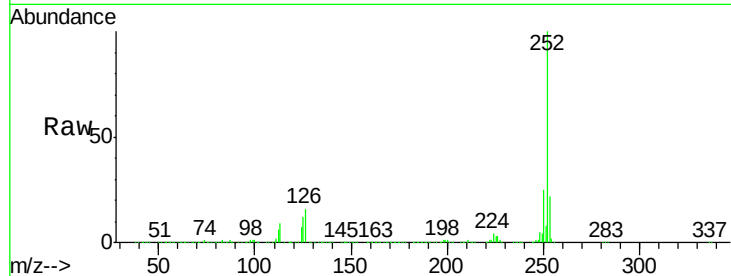
#89
Benzo(a)pyrene
Concen: 43.167 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :
PB107555BS

Tot Ion:252 Resp: 1111750
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 12.3 9.8 14.6

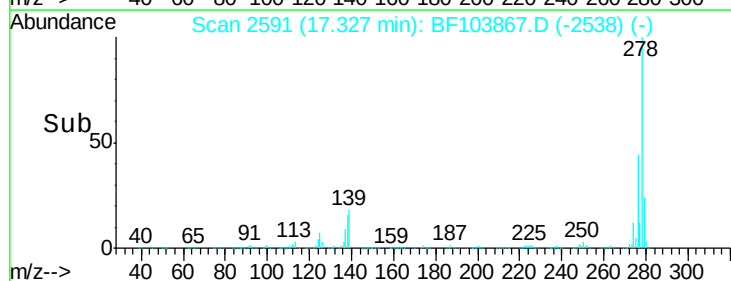
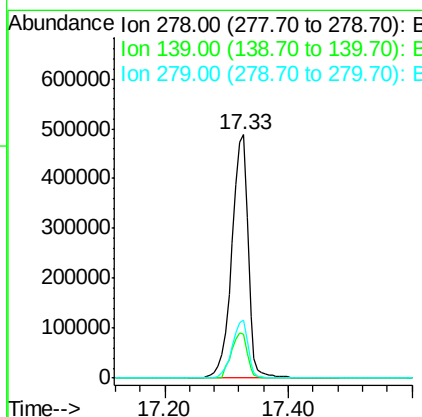
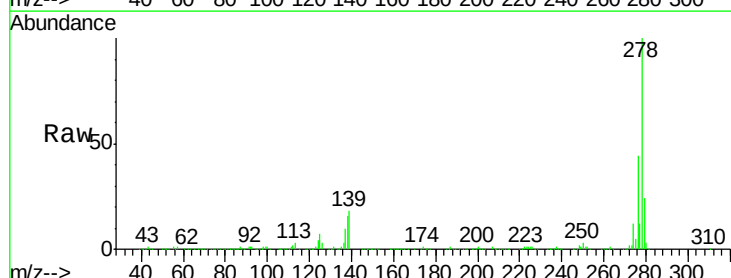
Manual Integrations
APPROVED

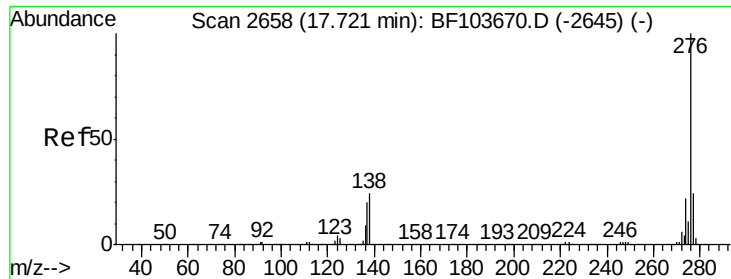
Sohil
3/26/2018 4:32:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.097 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:278 Resp: 894210
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 23.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.178 ng
 RT: 17.79 min Scan# 2670
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB107555BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	26.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/26/2018 4:32:44 PM

